

Program EVALPLOT  
(Version 2021-1)

by

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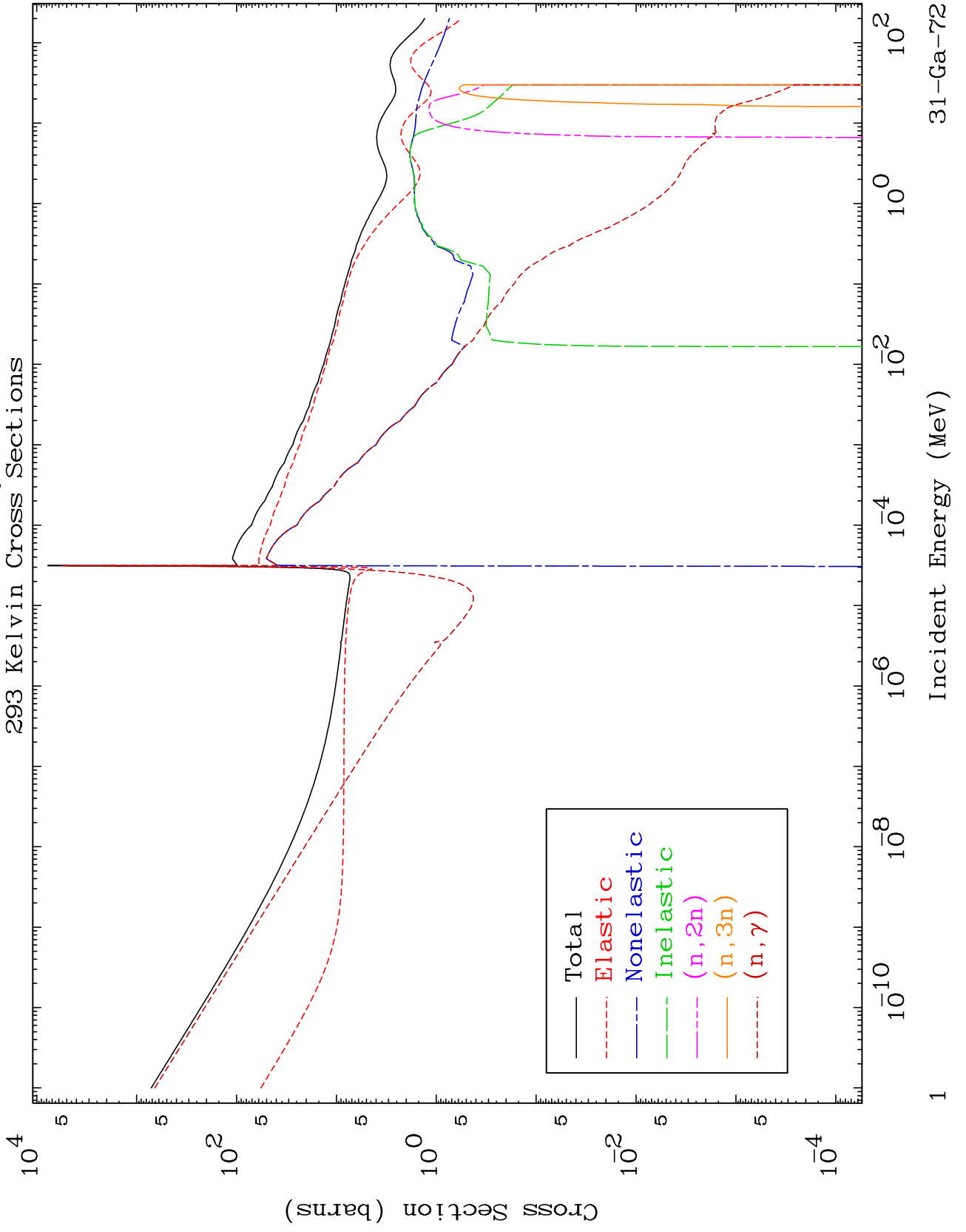
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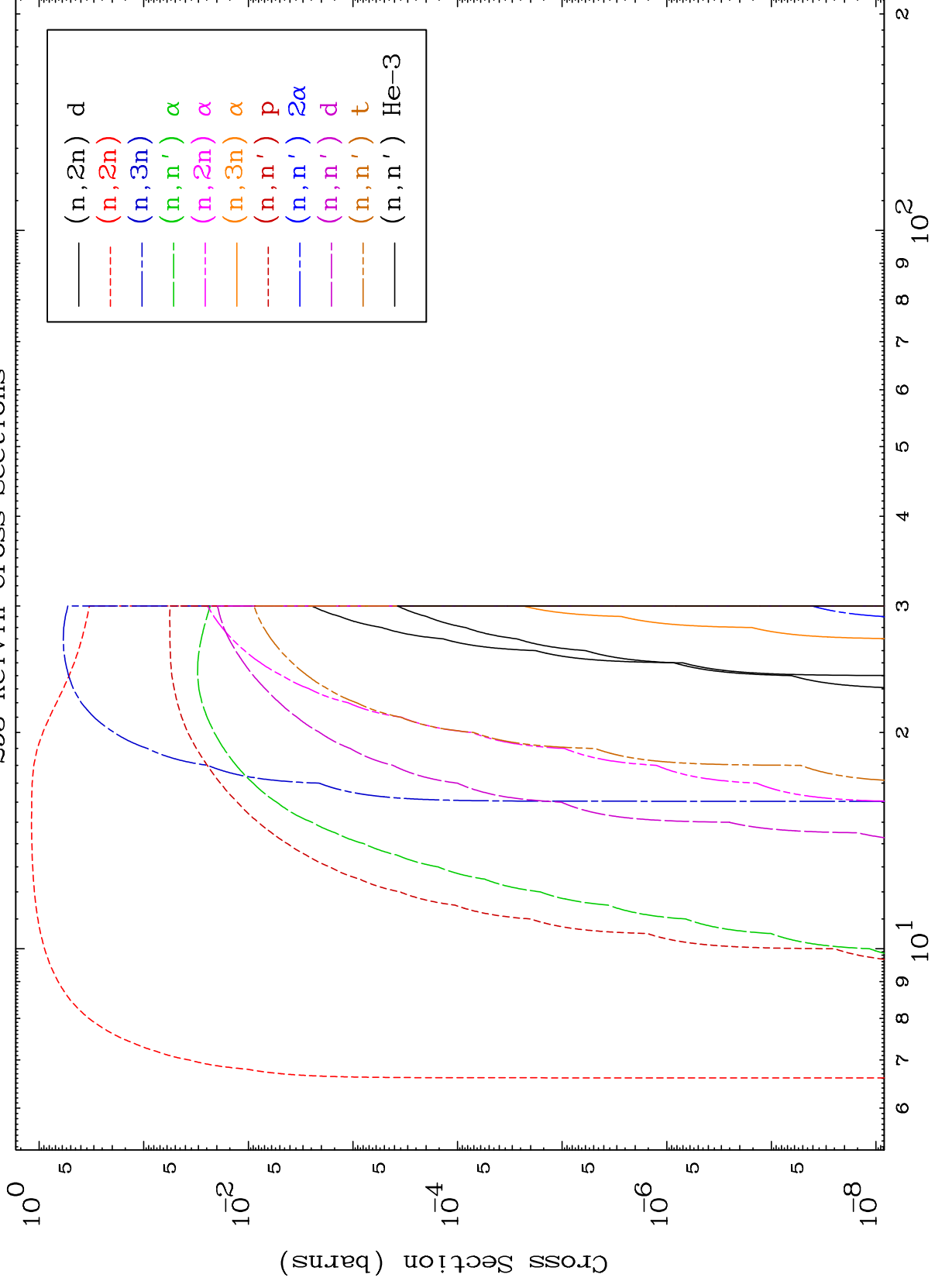
Press Mouse Button to Start

MAT 3134

Neutron Major  
293 Kelvin Cross Sections

31-Ga-72

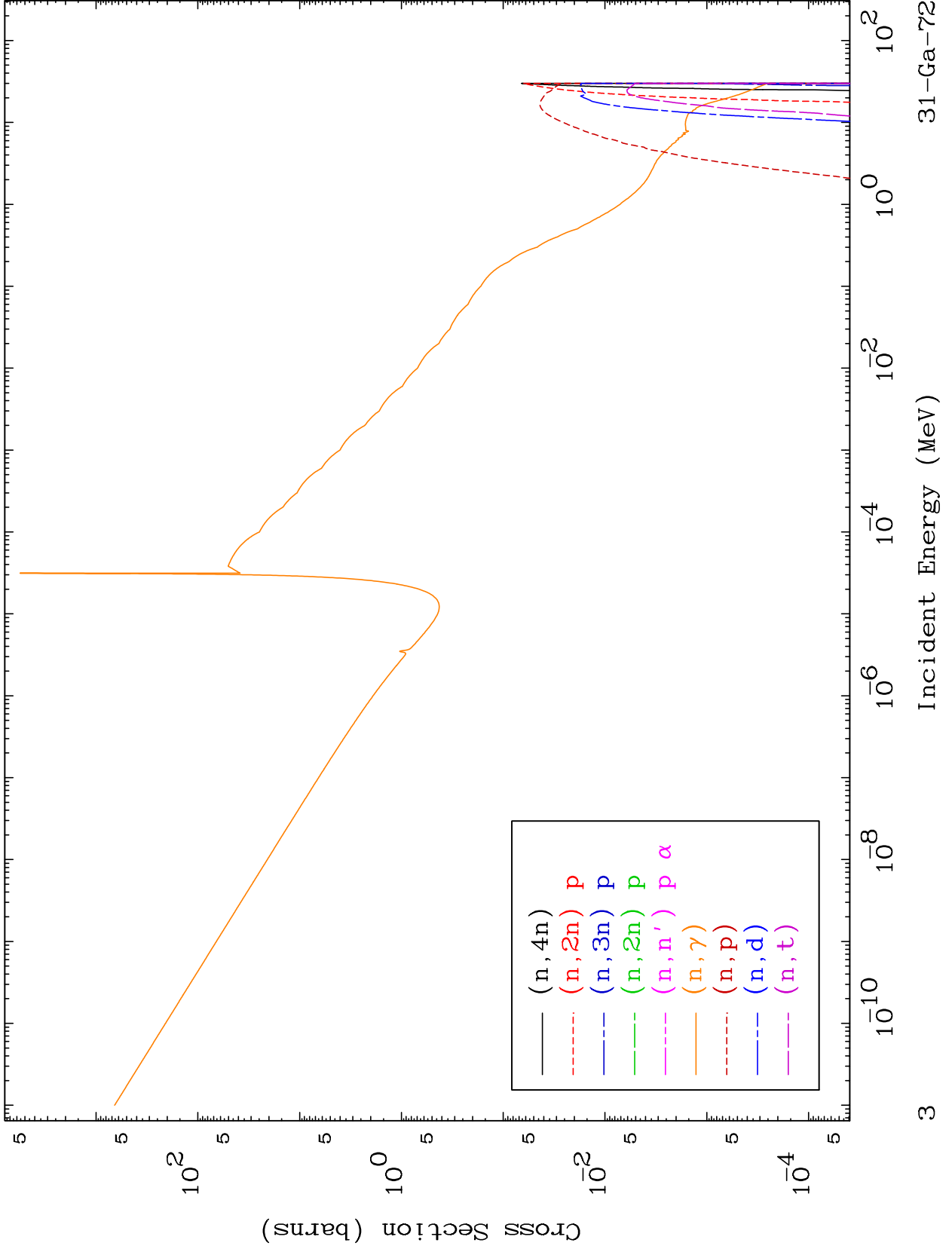


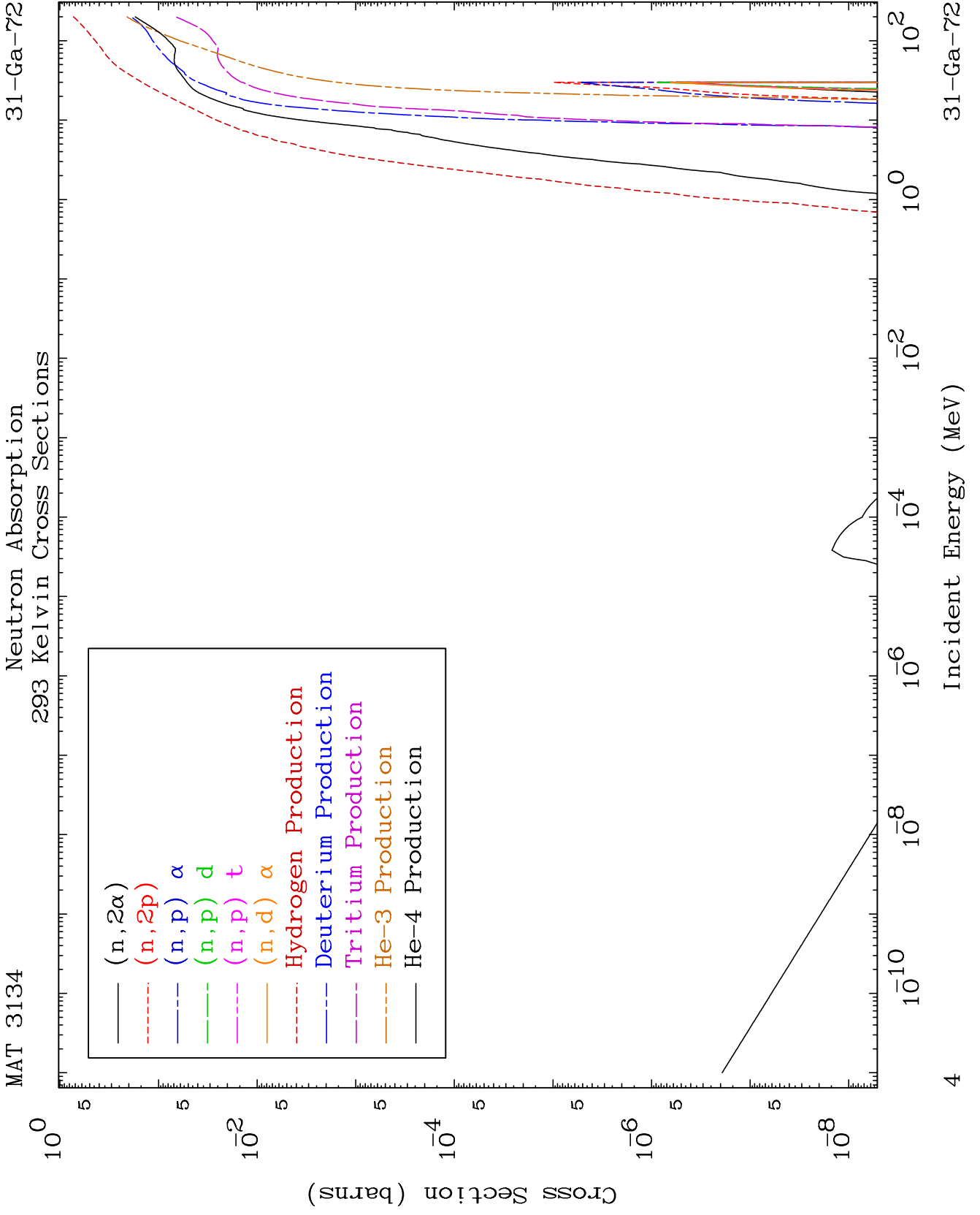


MAT 3134

Neutron Absorption  
293 Kelvin Cross Sections

31-Ga-72

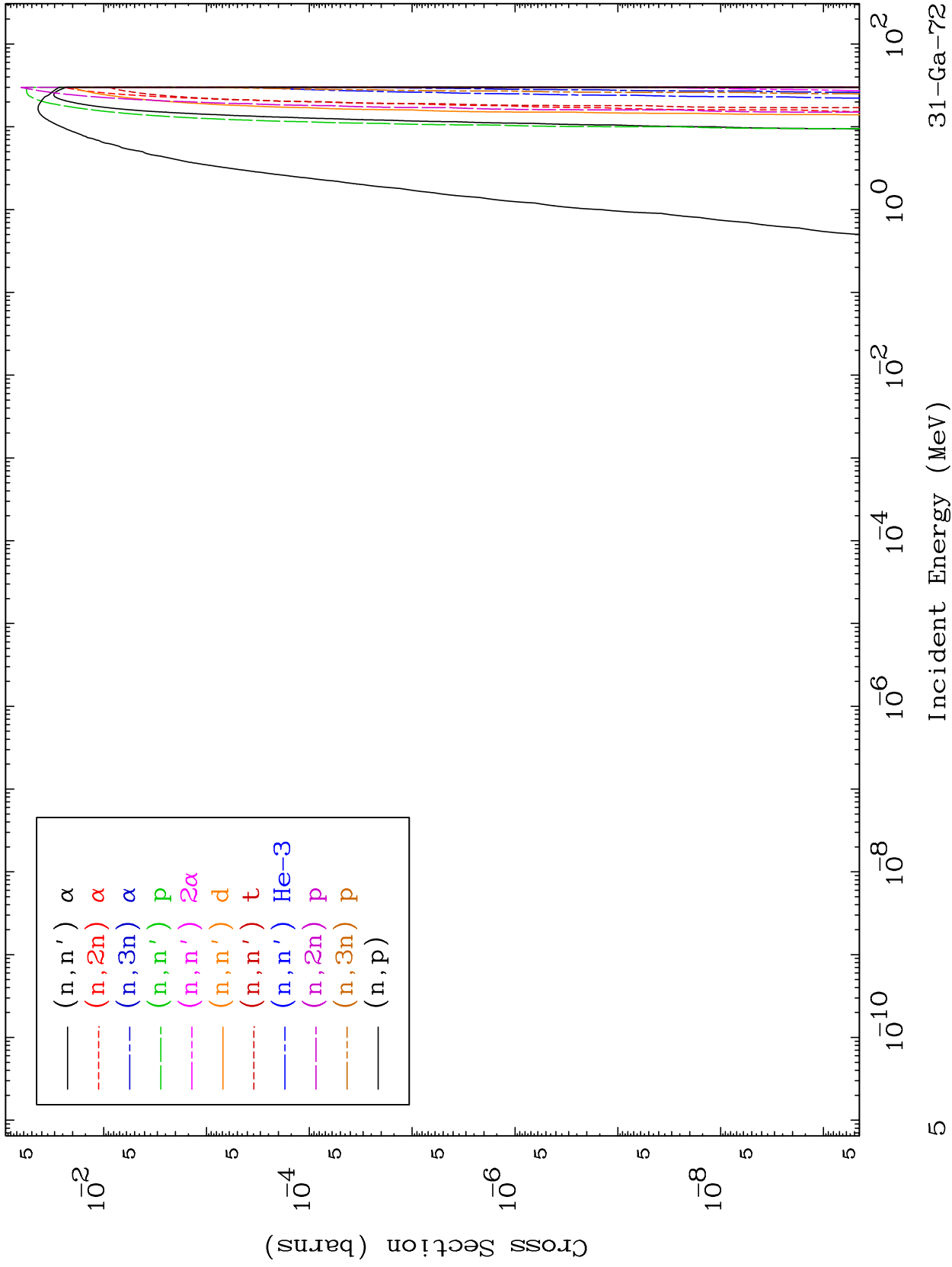




MAT 3134

Charged Particle  
293 Kelvin Cross Sections

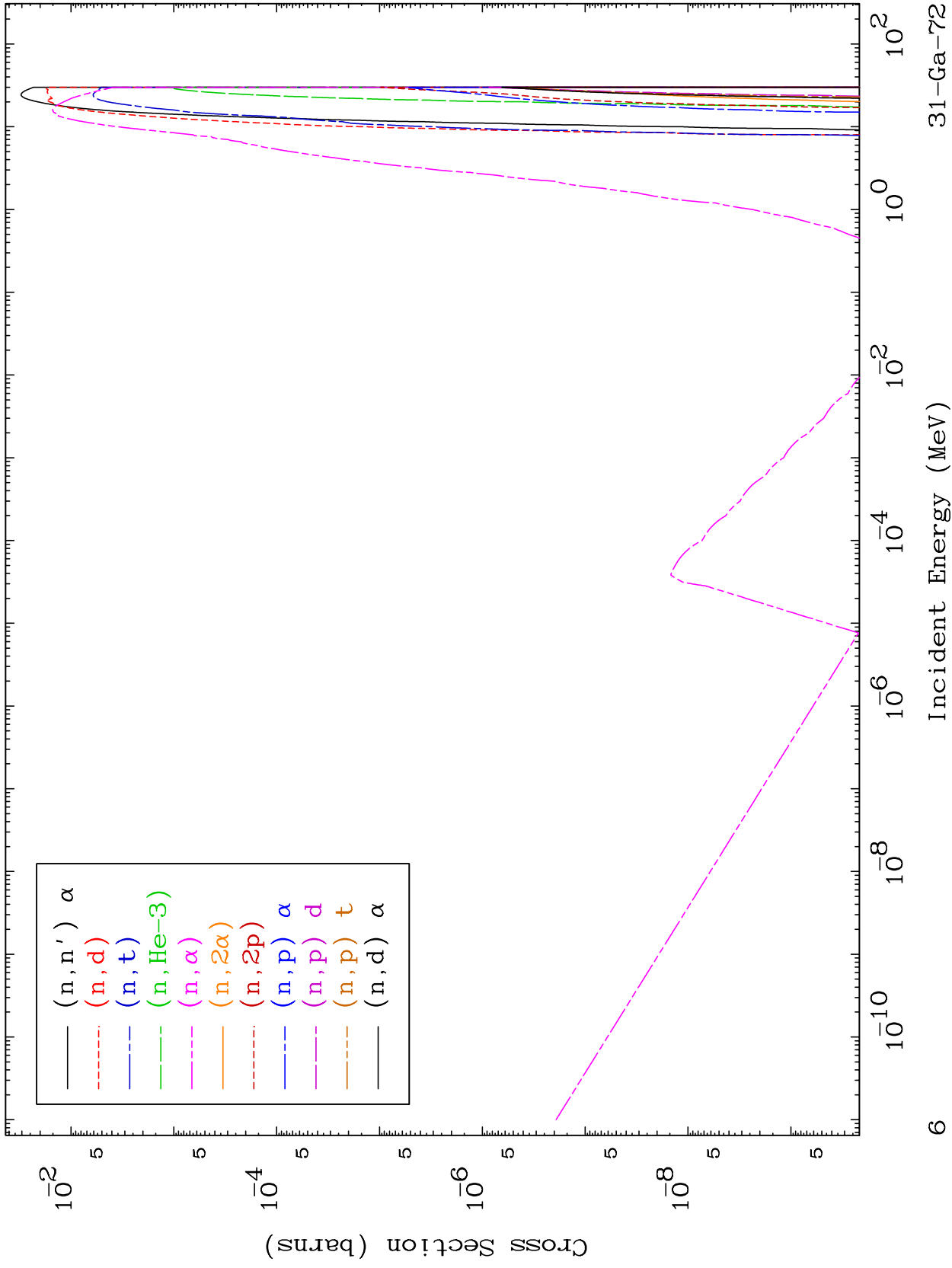
31-Ga-72

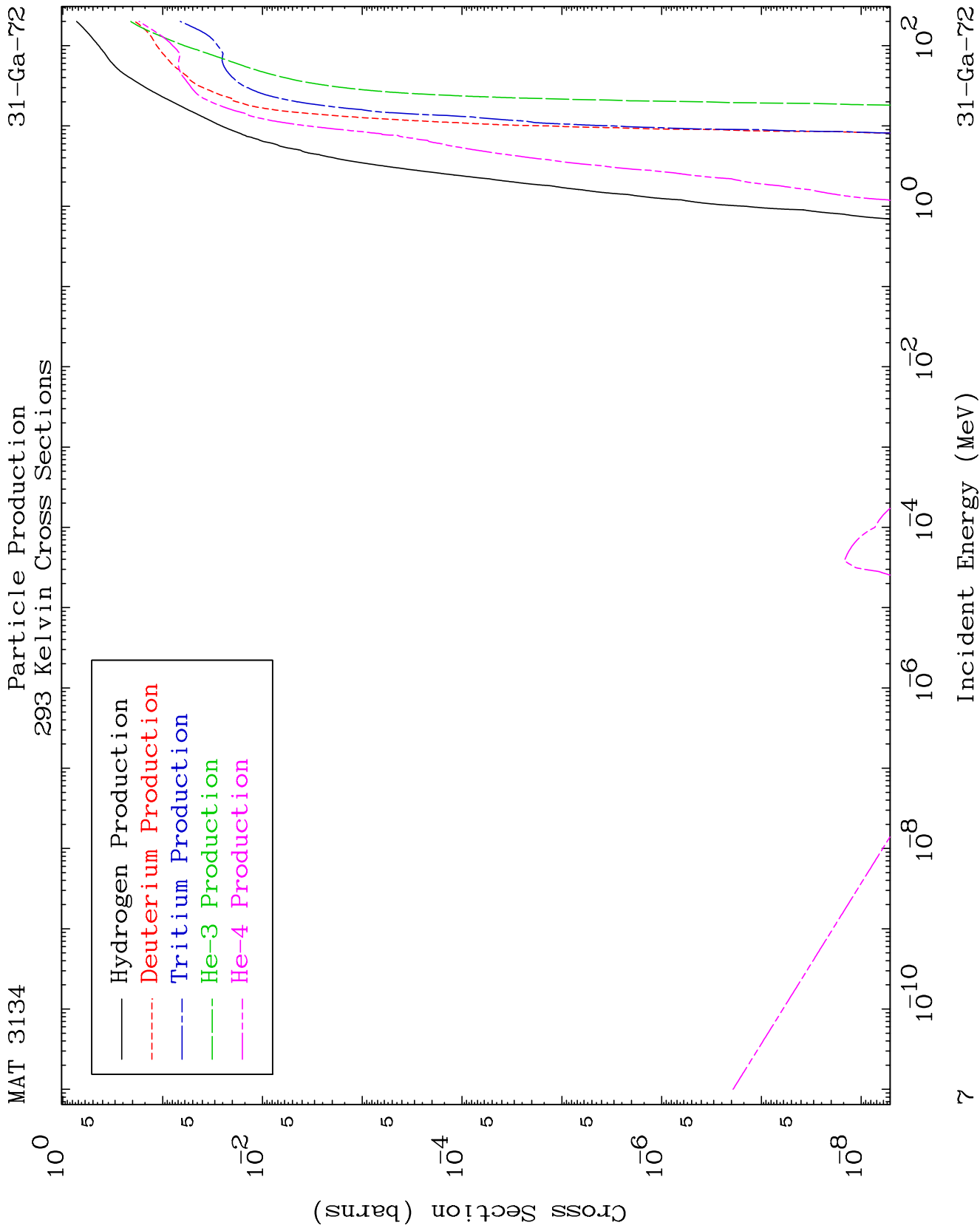


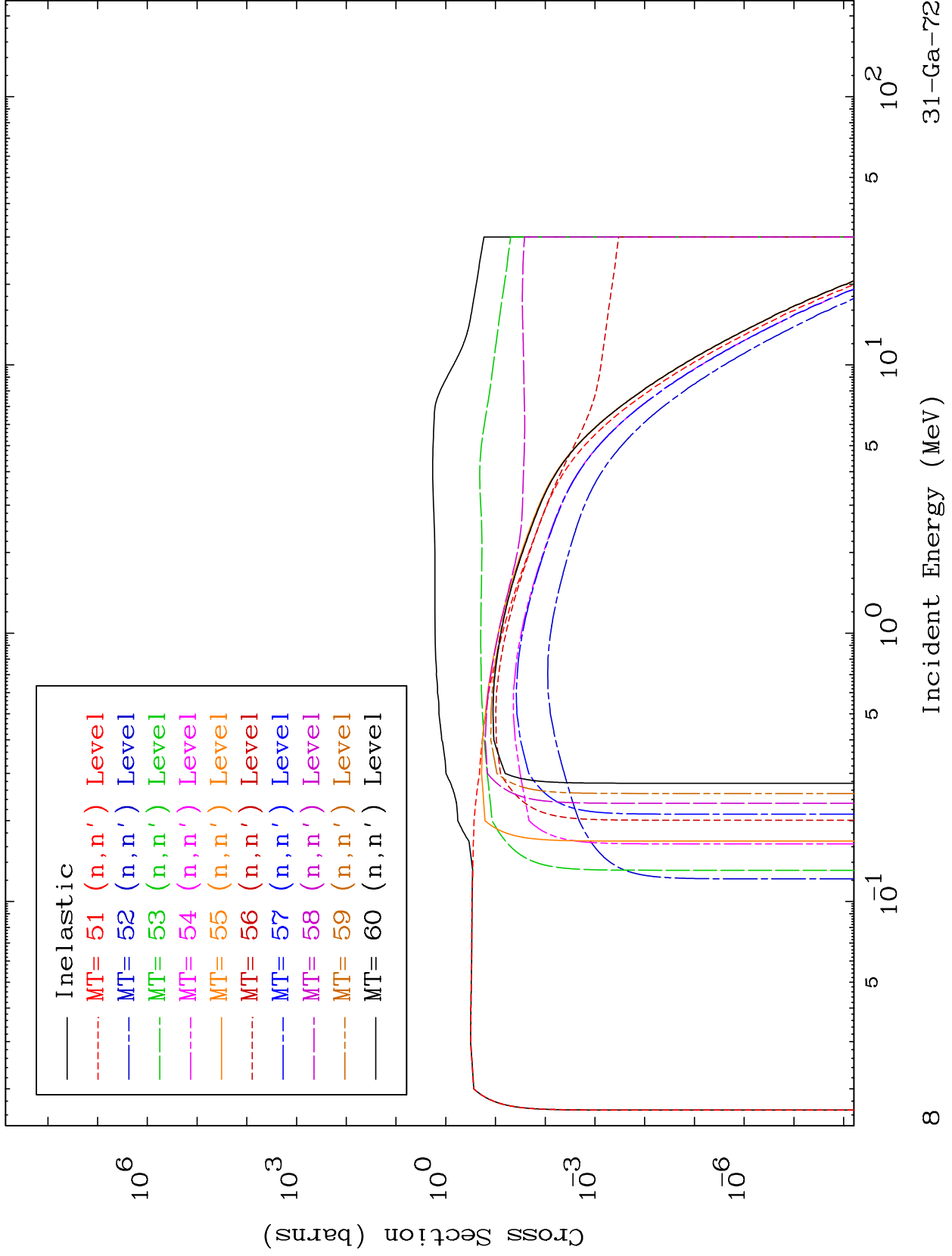
MAT 3134

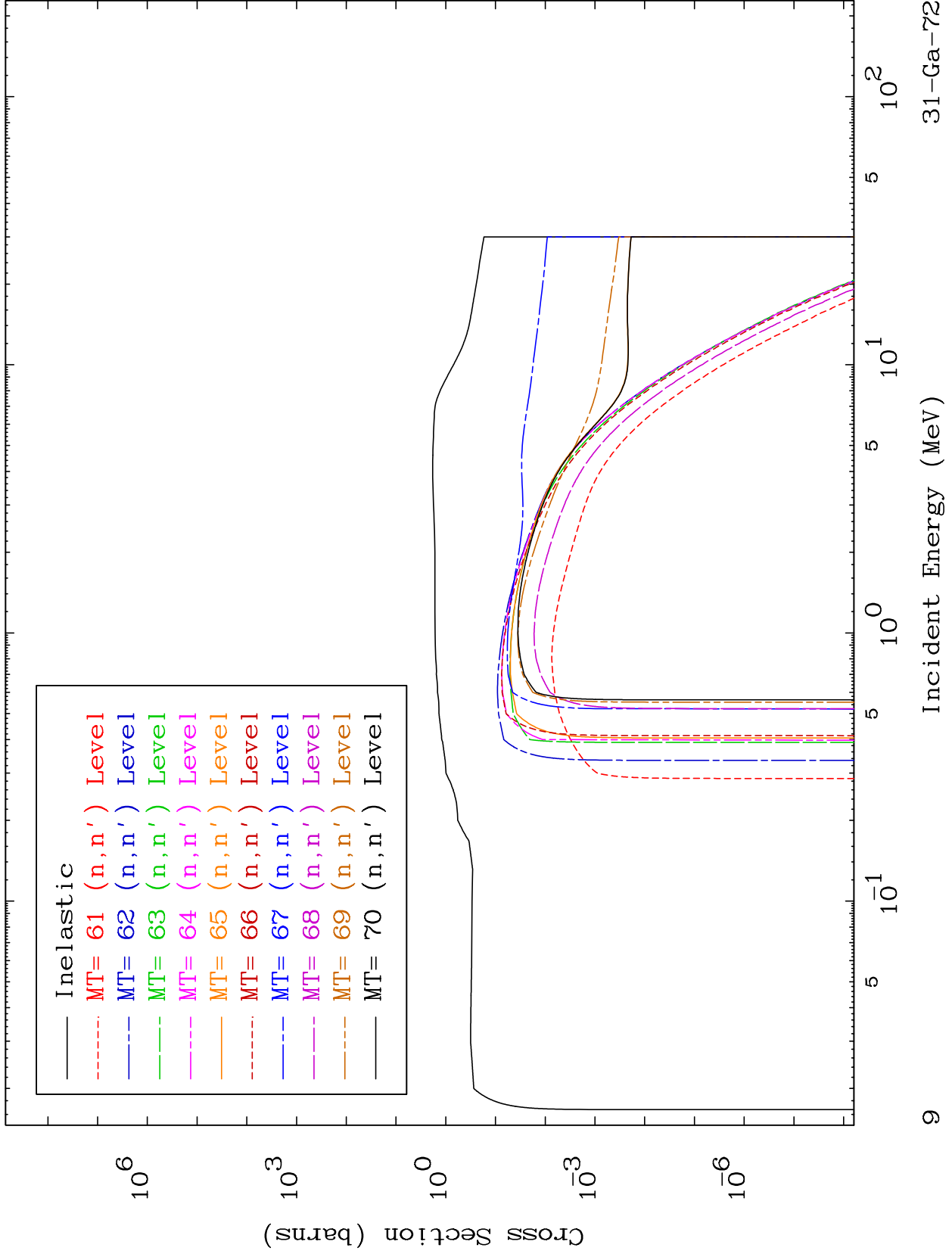
Charged Particle  
293 Kelvin Cross Sections

<sup>31</sup>Ga-72





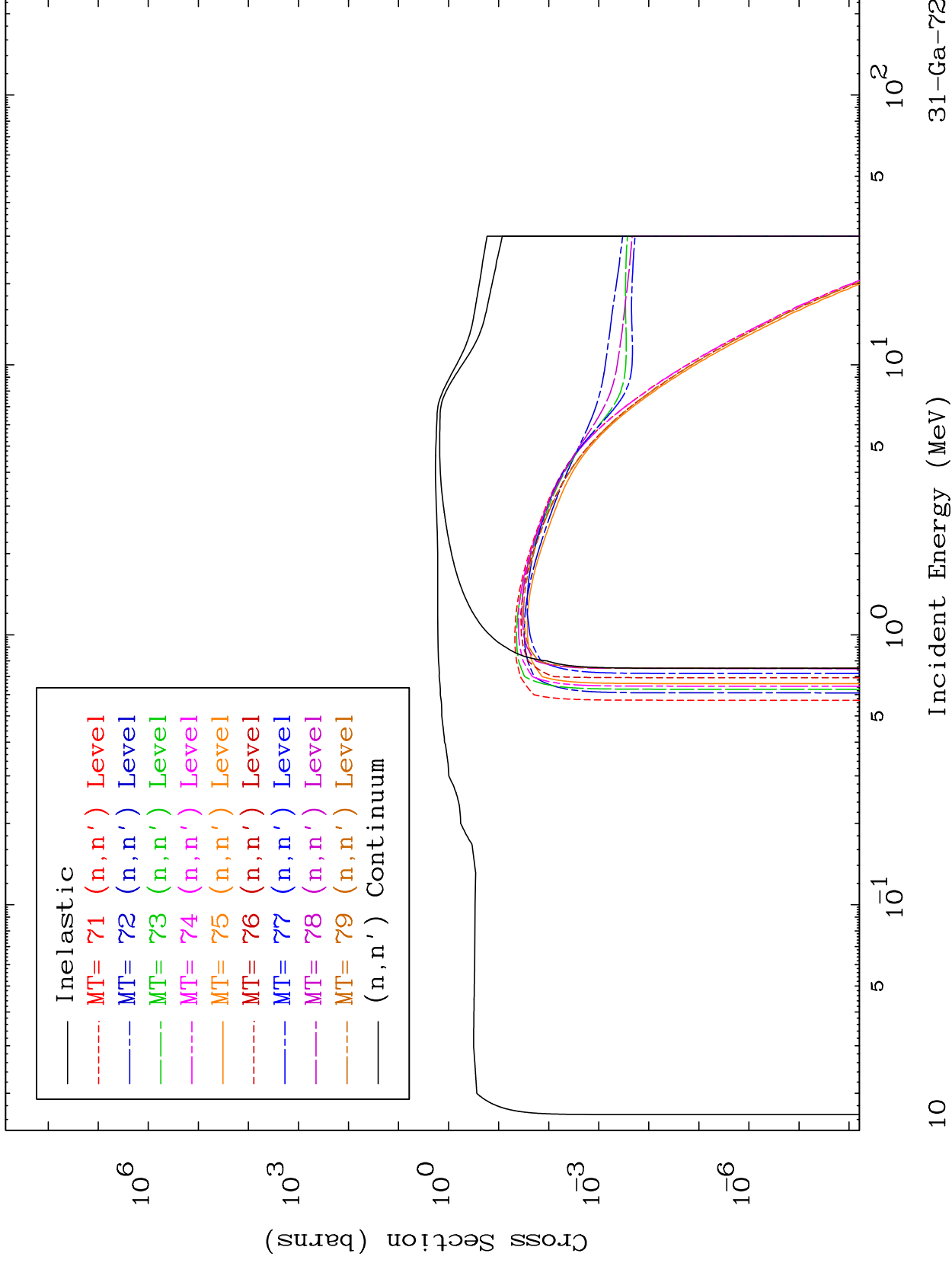




MAT 3134

(n,n') Levels  
293 Kelvin Cross Sections

31-Ga-72



10

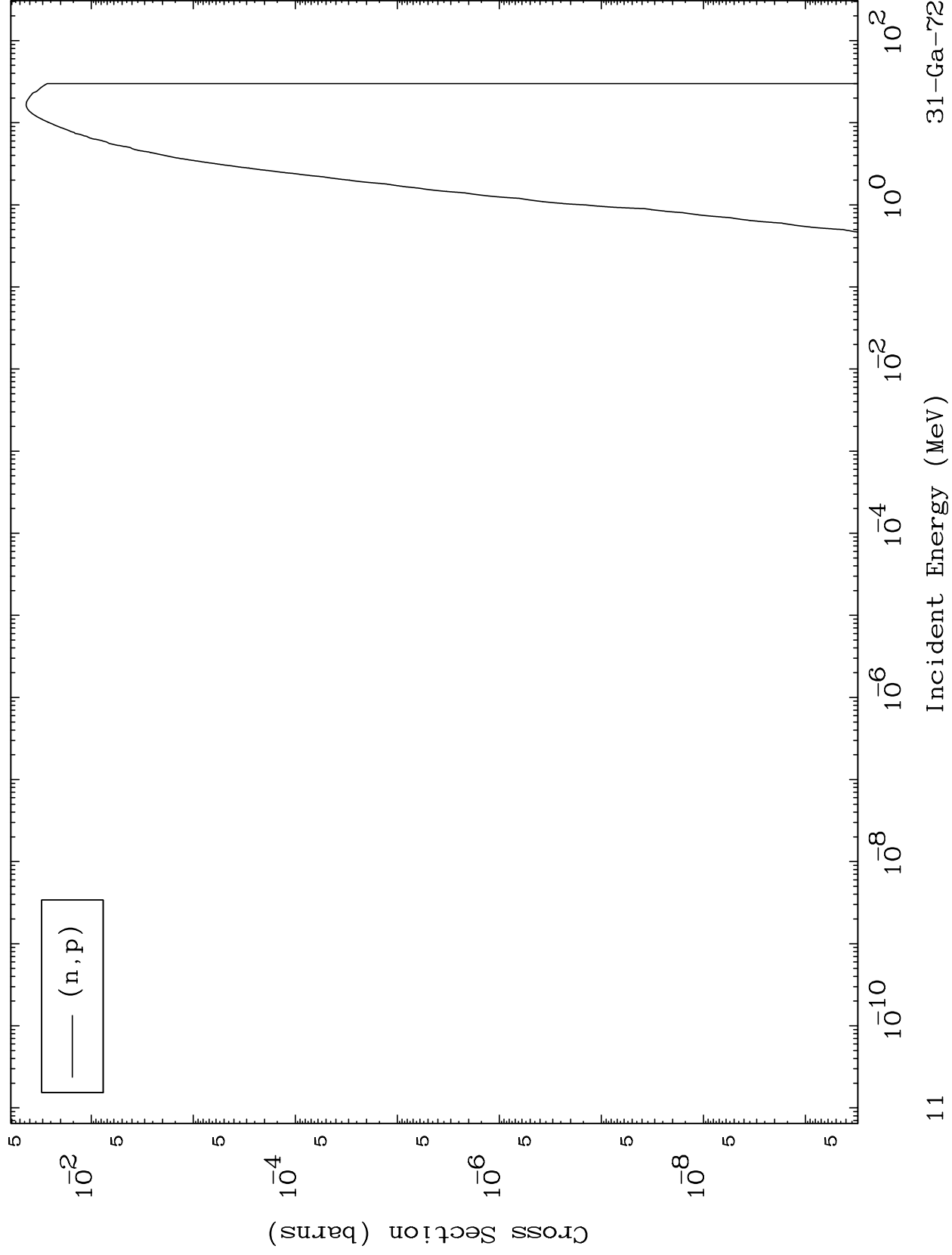
Incident Energy (MeV)

31-Ga-72

MAT 3134

(n,p) Levels  
293 Kelvin Cross Sections

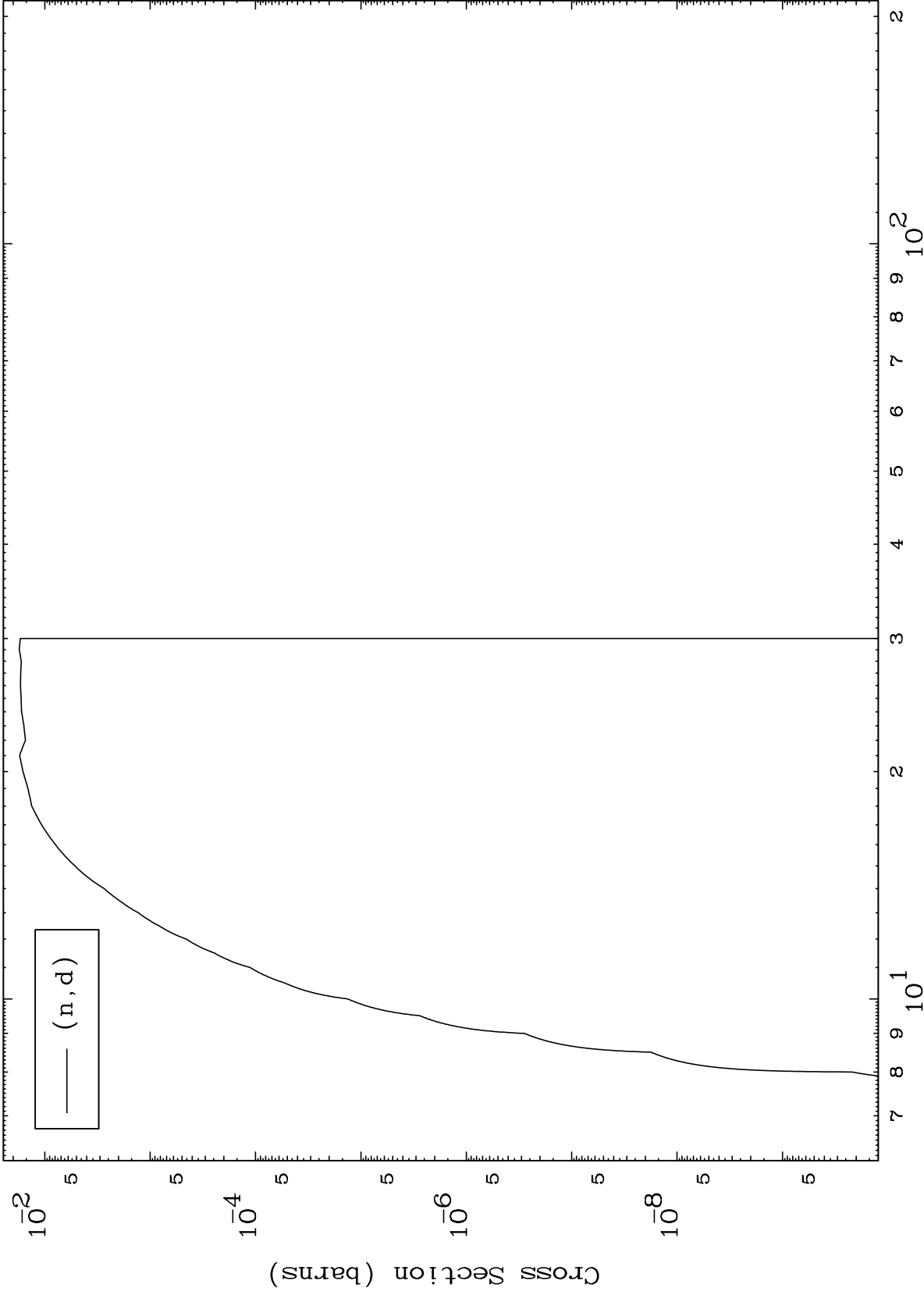
31-Ga-72



MAT 3134

(n,d) Levels  
293 Kelvin Cross Sections

31-Ga-72



12

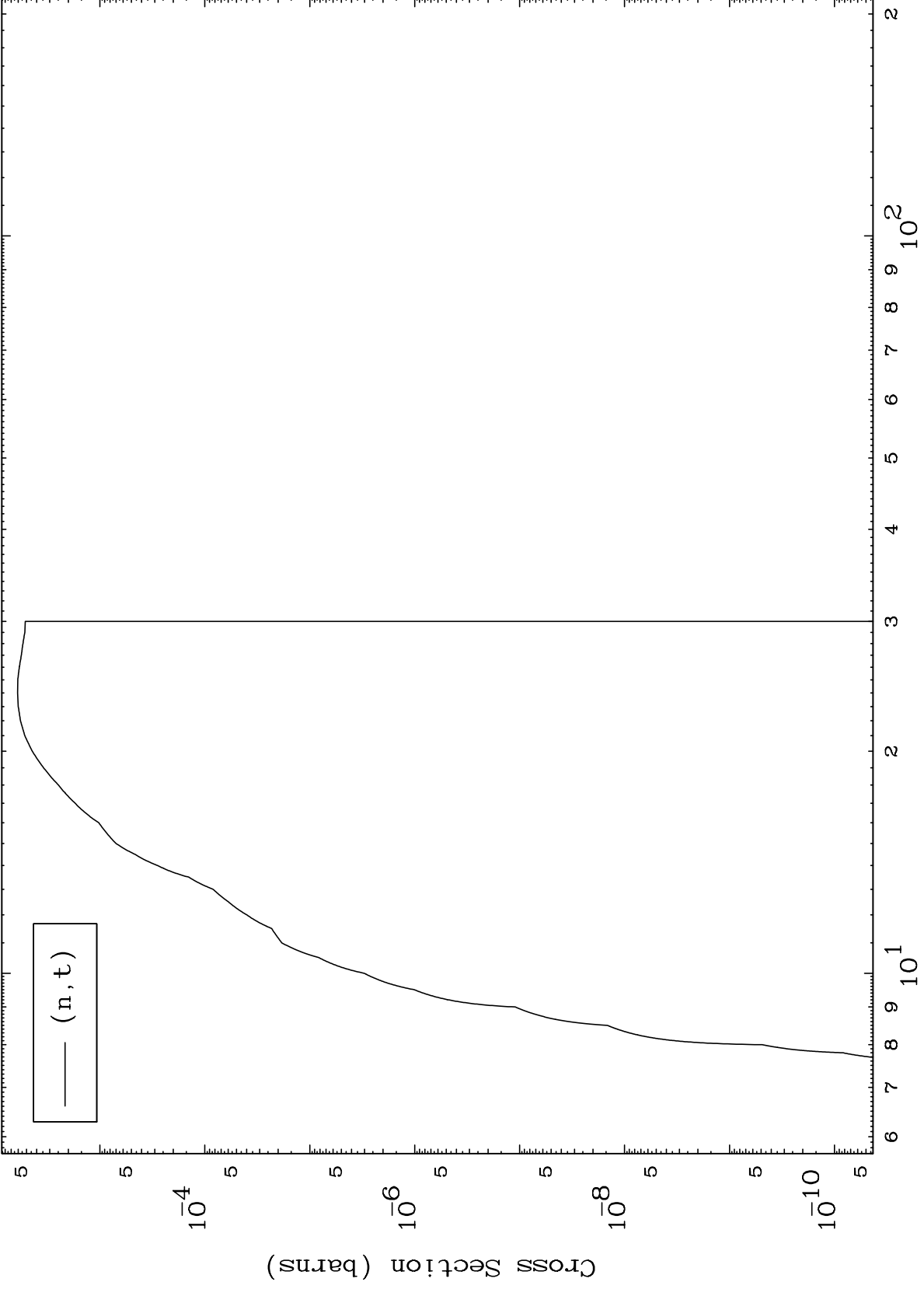
Incident Energy (MeV)

31-Ga-72

MAT 3134

(n,t) Levels  
293 Kelvin Cross Sections

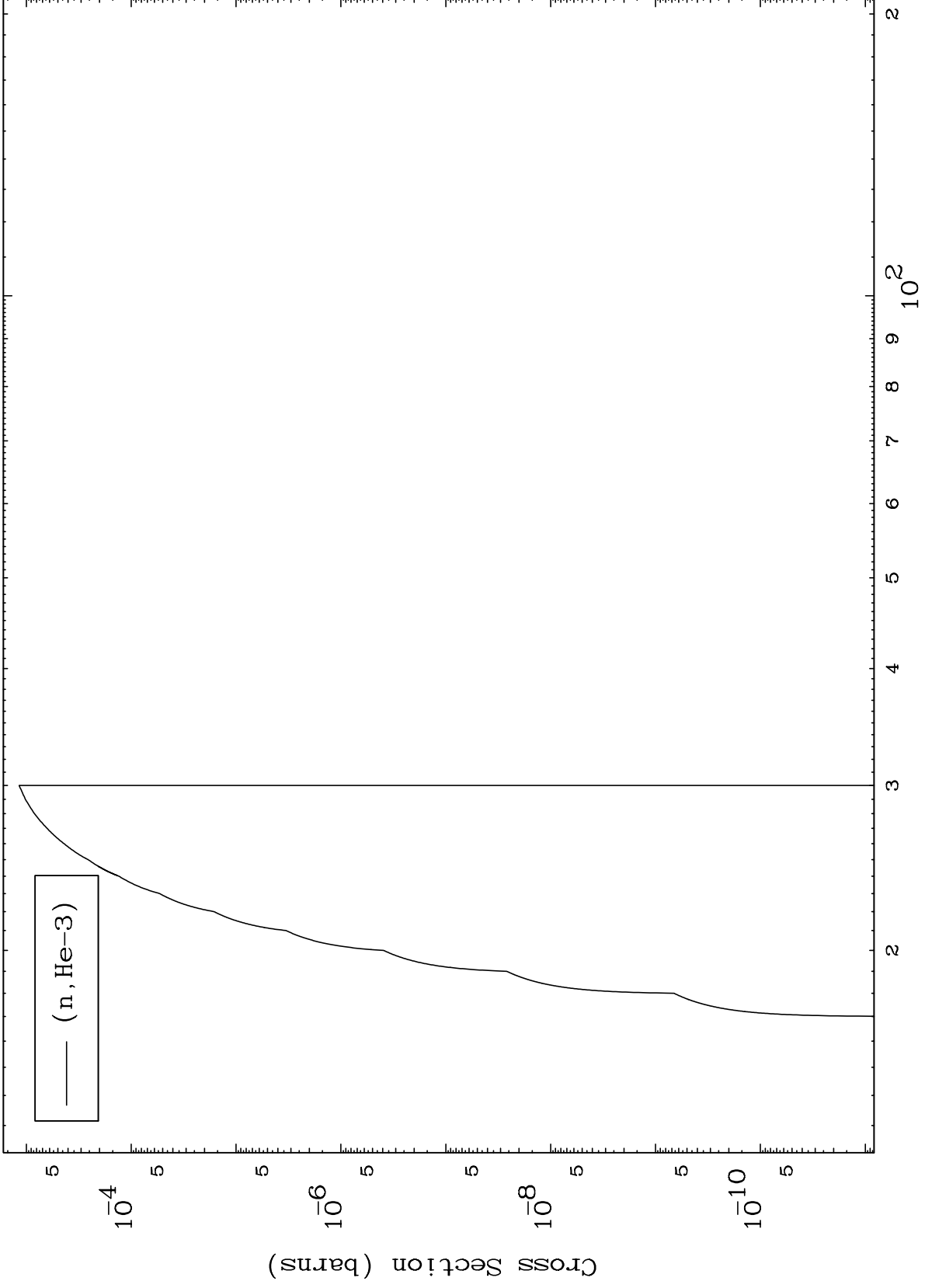
31-Ga-72



13

Incident Energy (MeV)

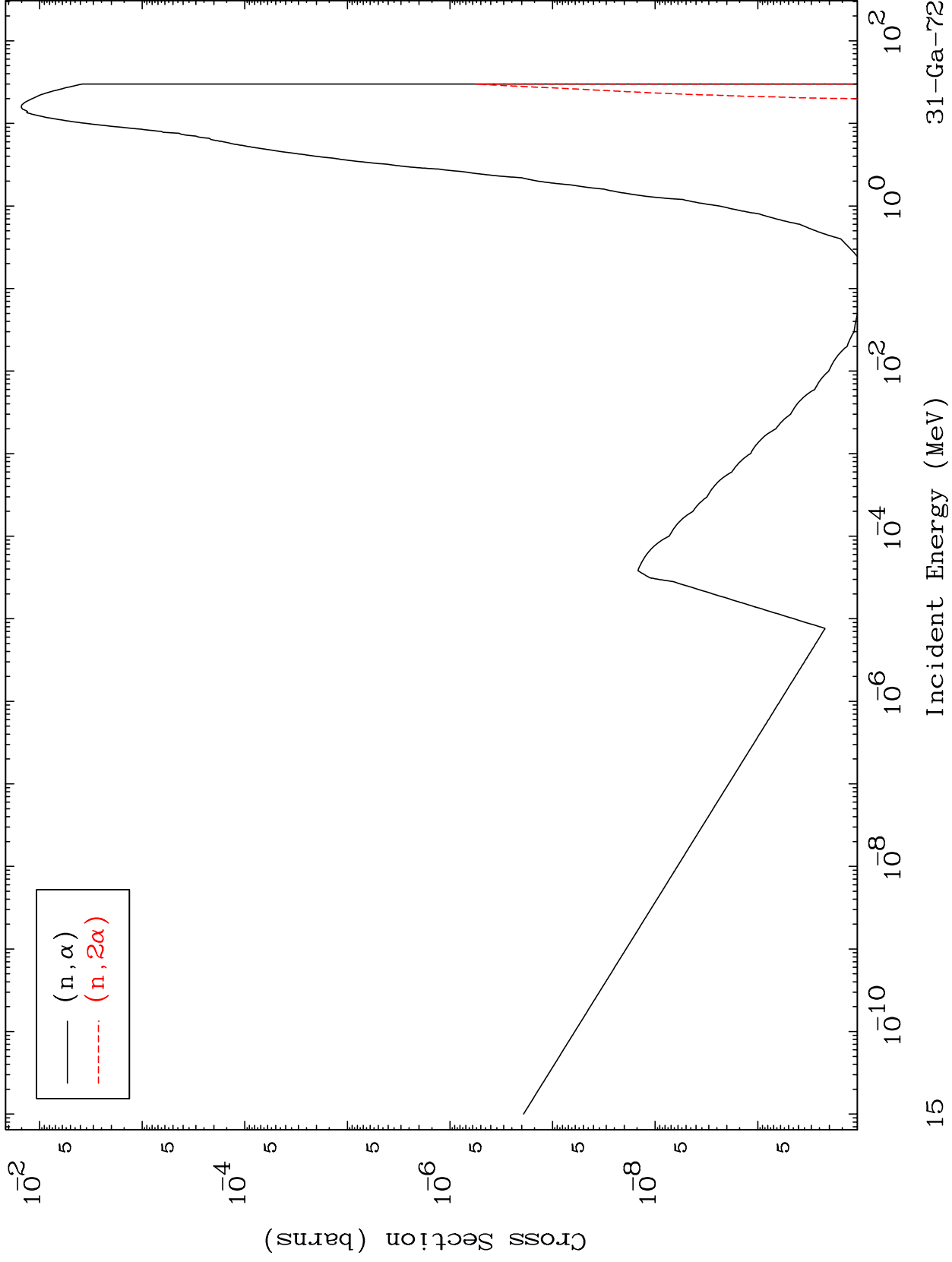
31-Ga-72



MAT 3134

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

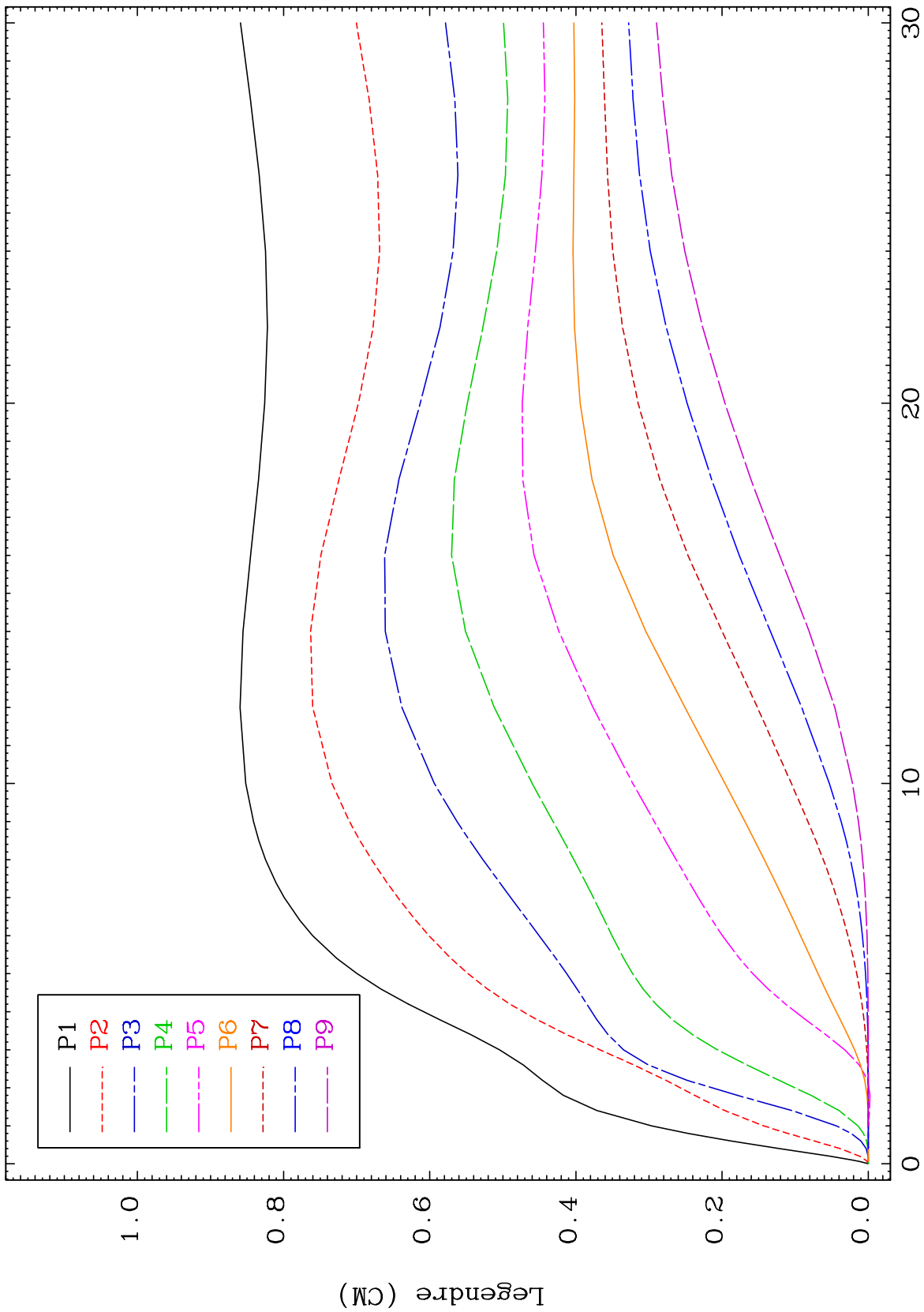
31-Ga-72



MAT 3134

Elastic Legendre Coefficients

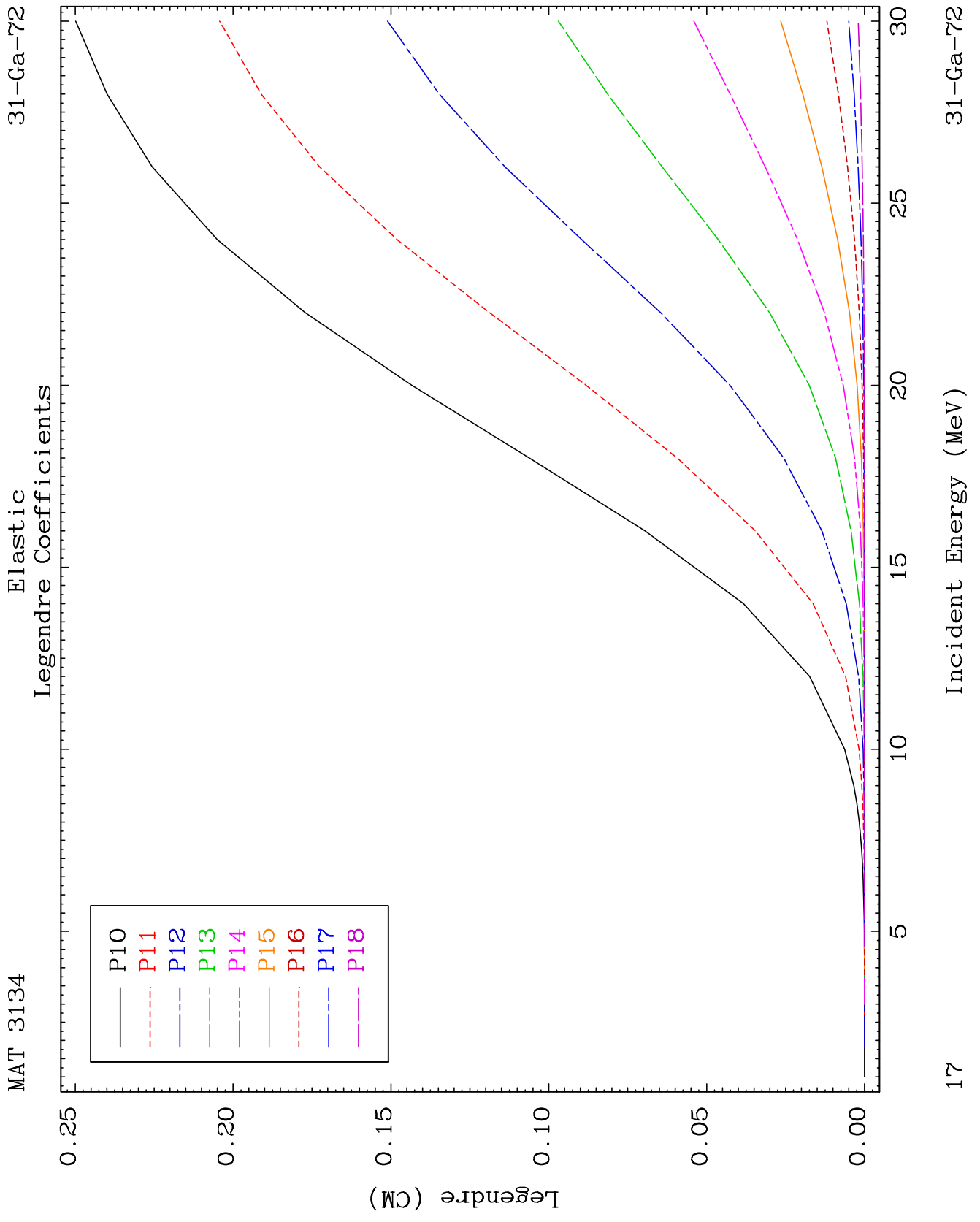
31-Ga-72



16

Incident Energy (MeV)

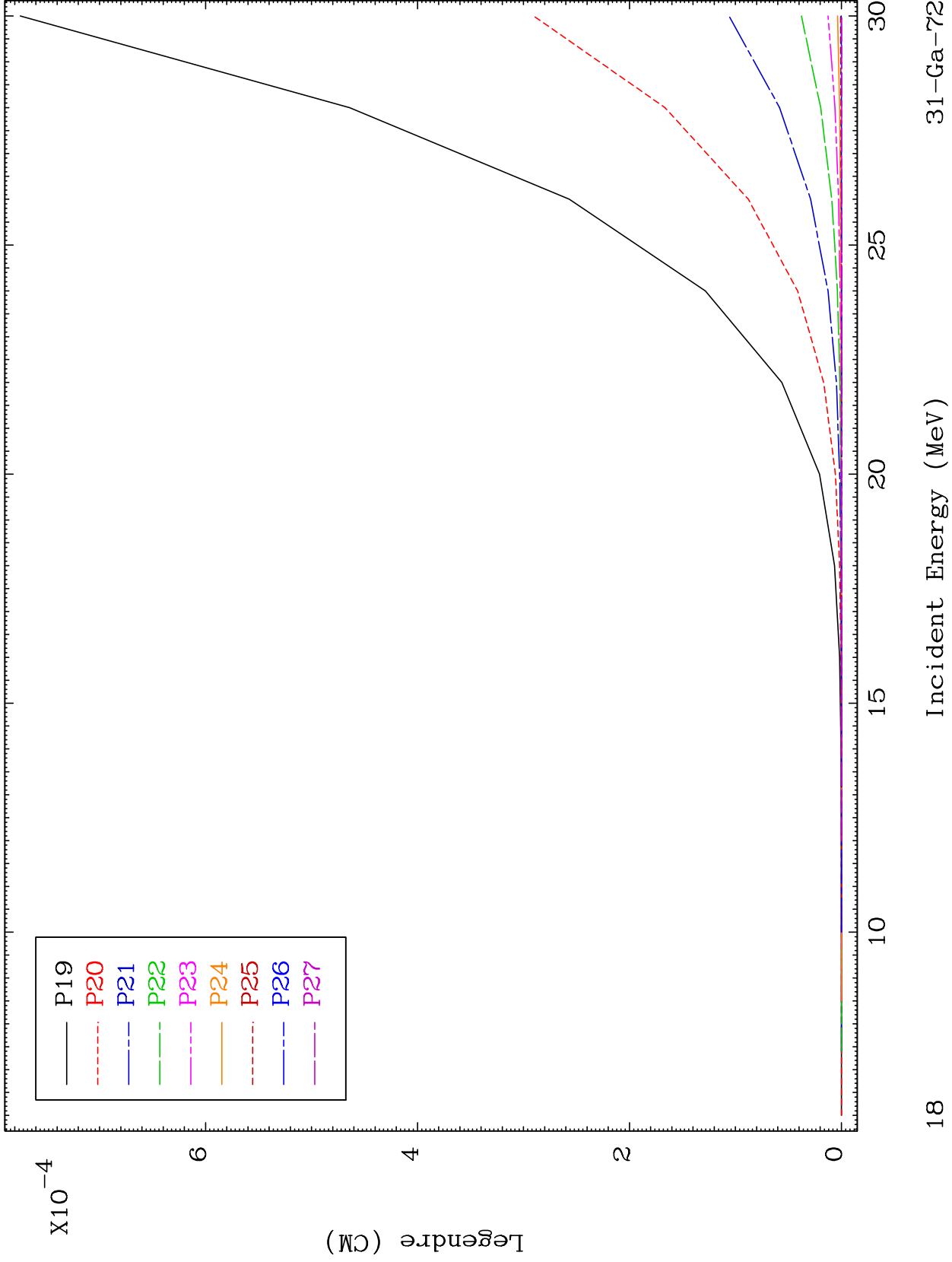
31-Ga-72



MAT 3134

Elastic Legendre Coefficients

31-Ga-72



18

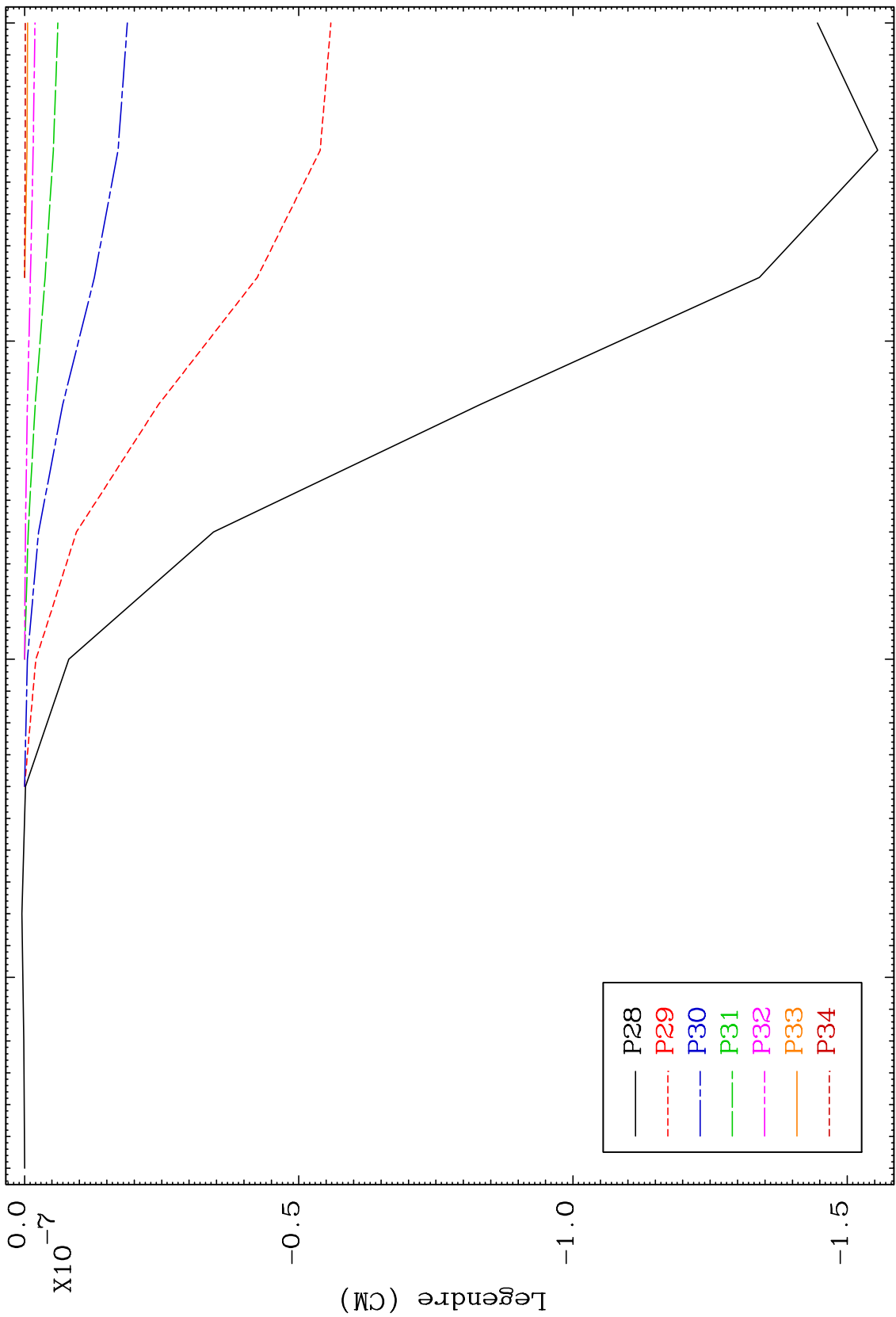
Incident Energy (MeV)

31-Ga-72

MAT 3134

31-Ga-72

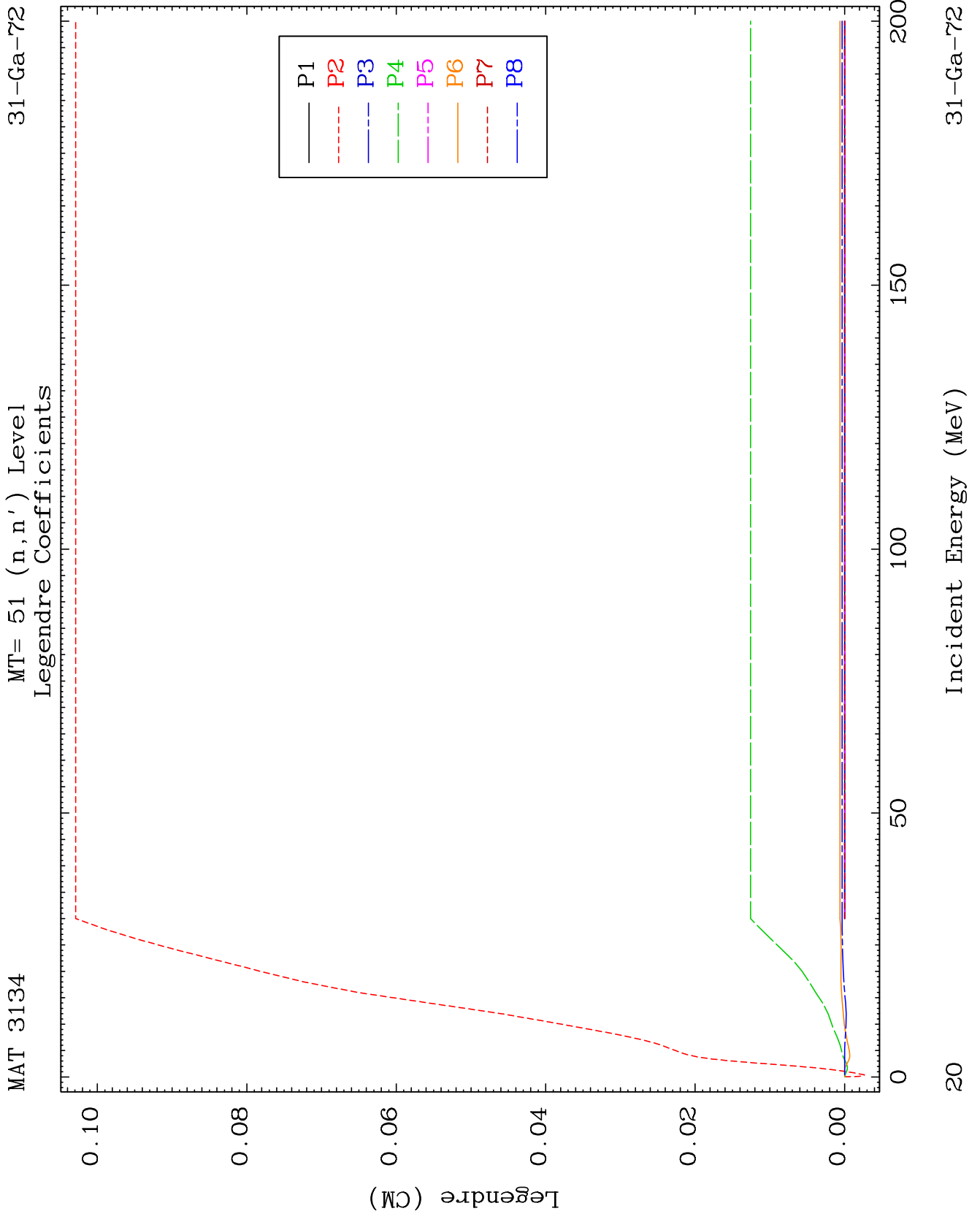
Elastic Legendre Coefficients



19

Incident Energy (MeV)

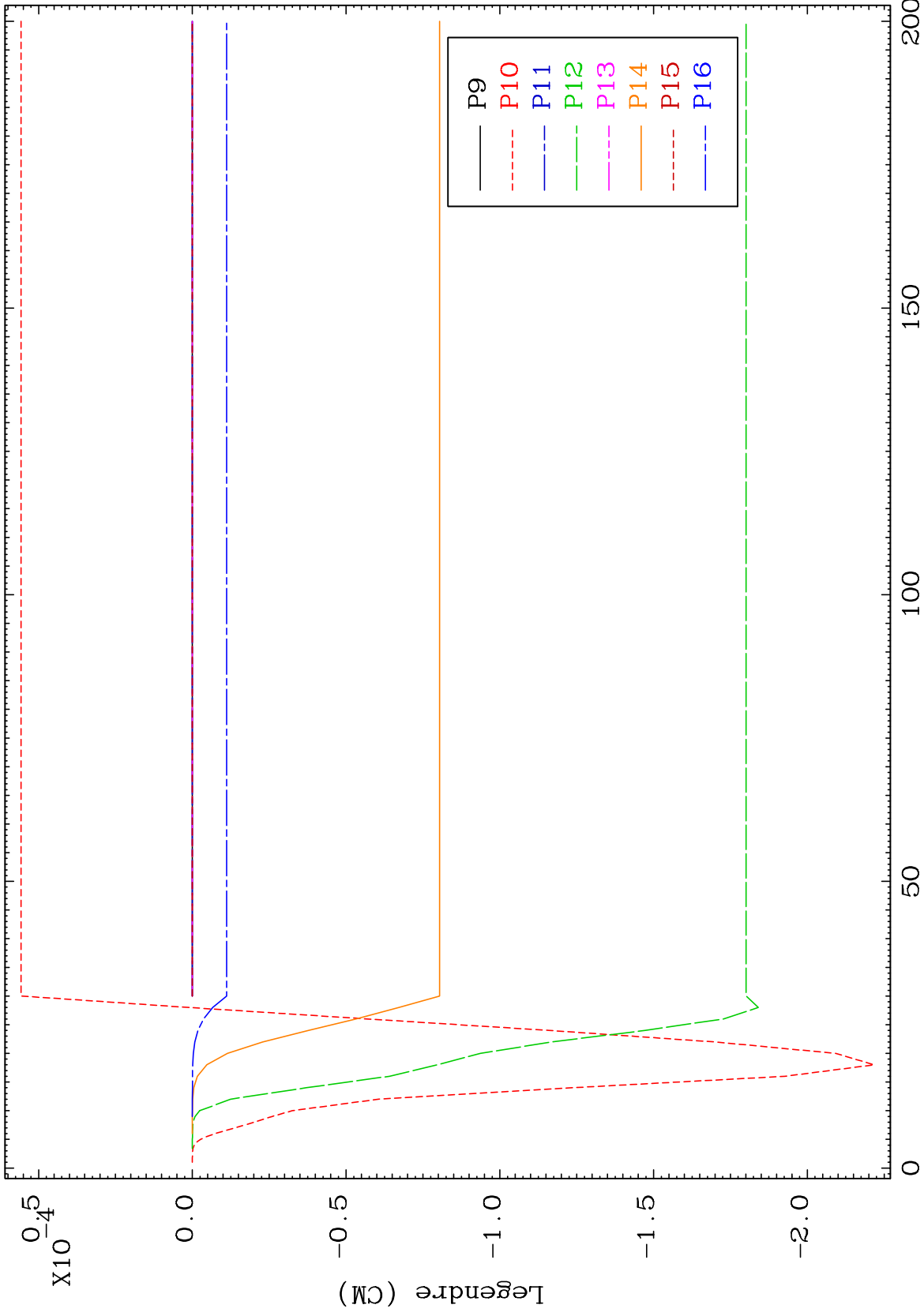
31-Ga-72



MAT 3134

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

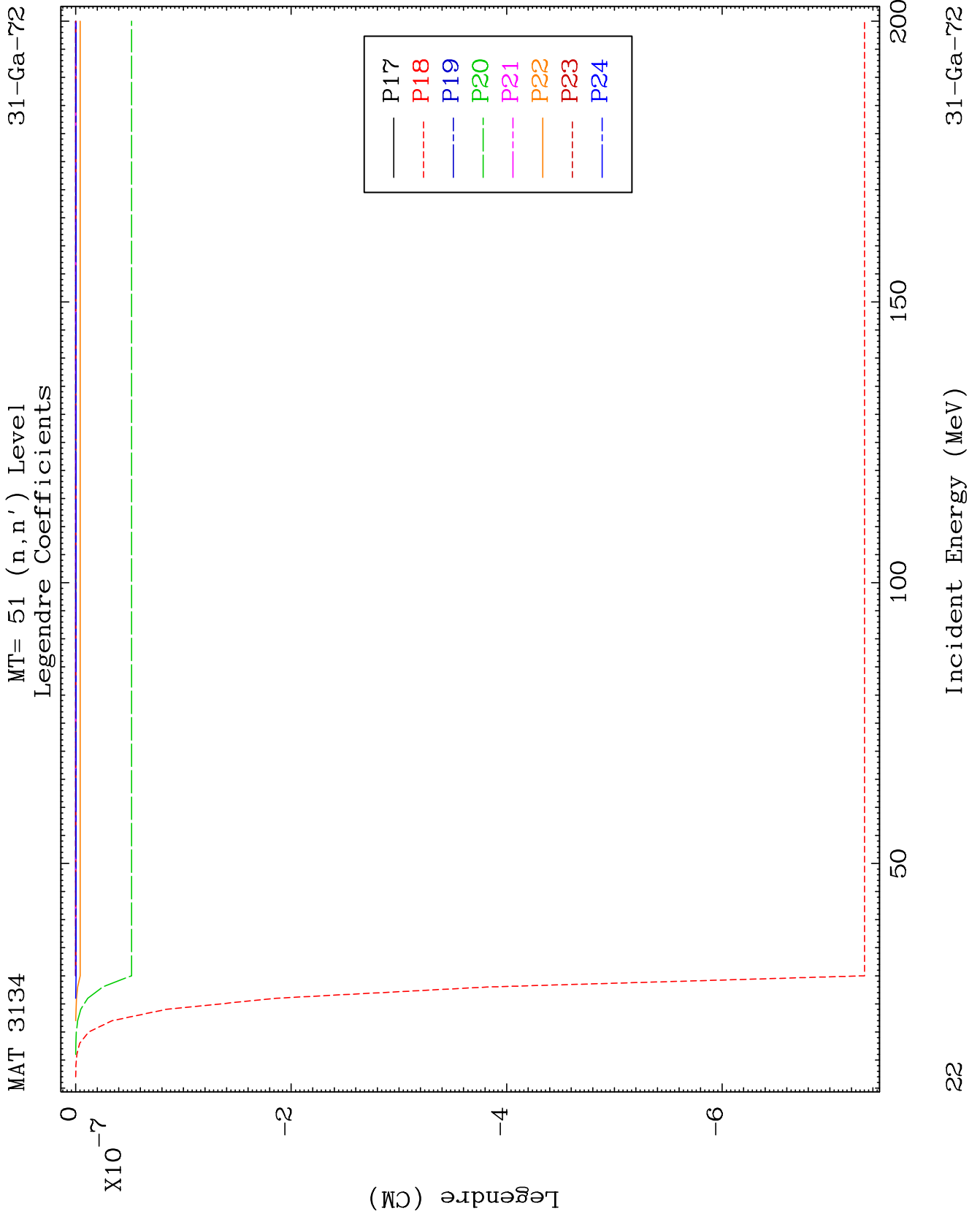
31-Ga-72



21

Incident Energy (MeV)

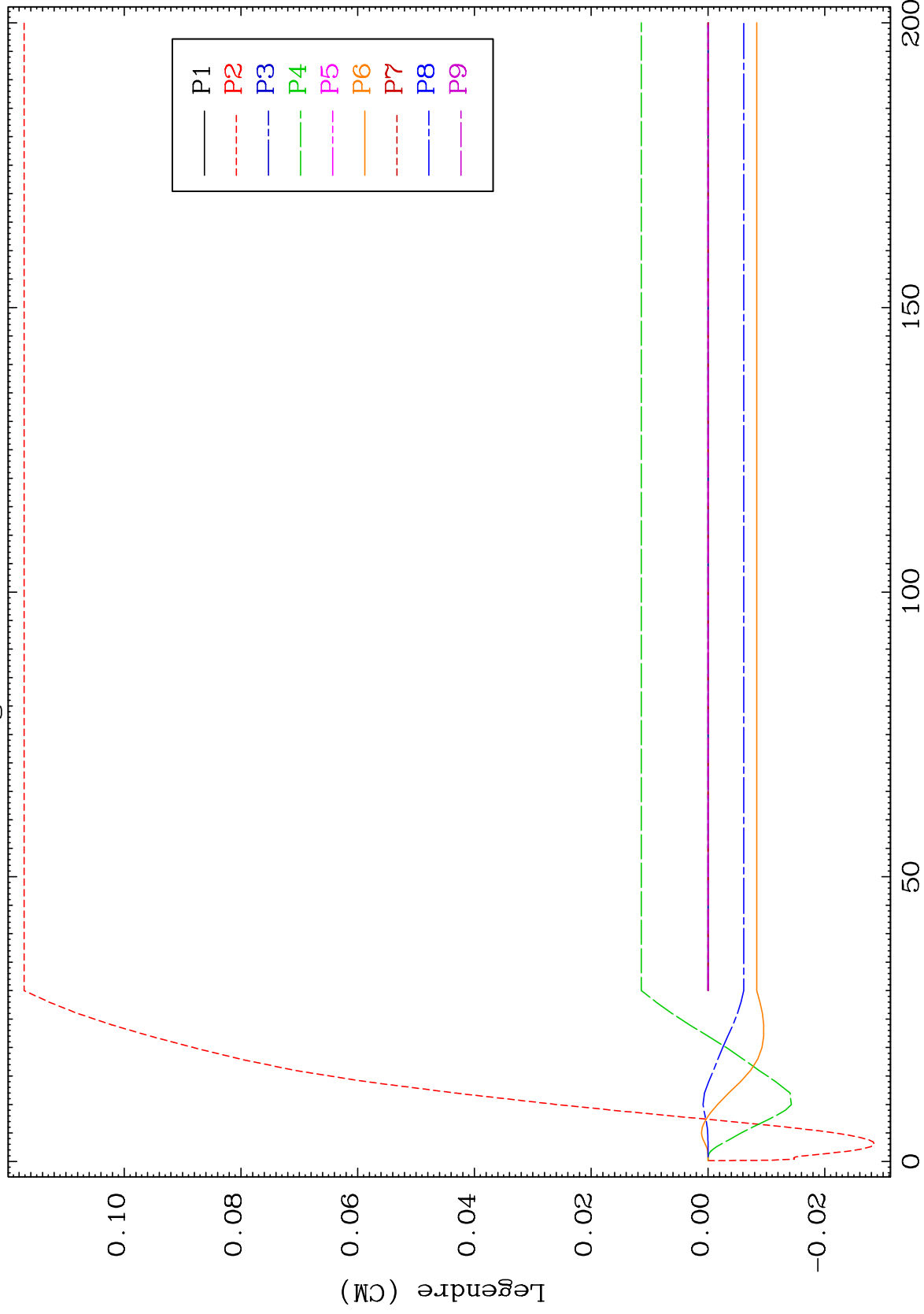
31-Ga-72



MAT 3134

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

31-Ga-72



23

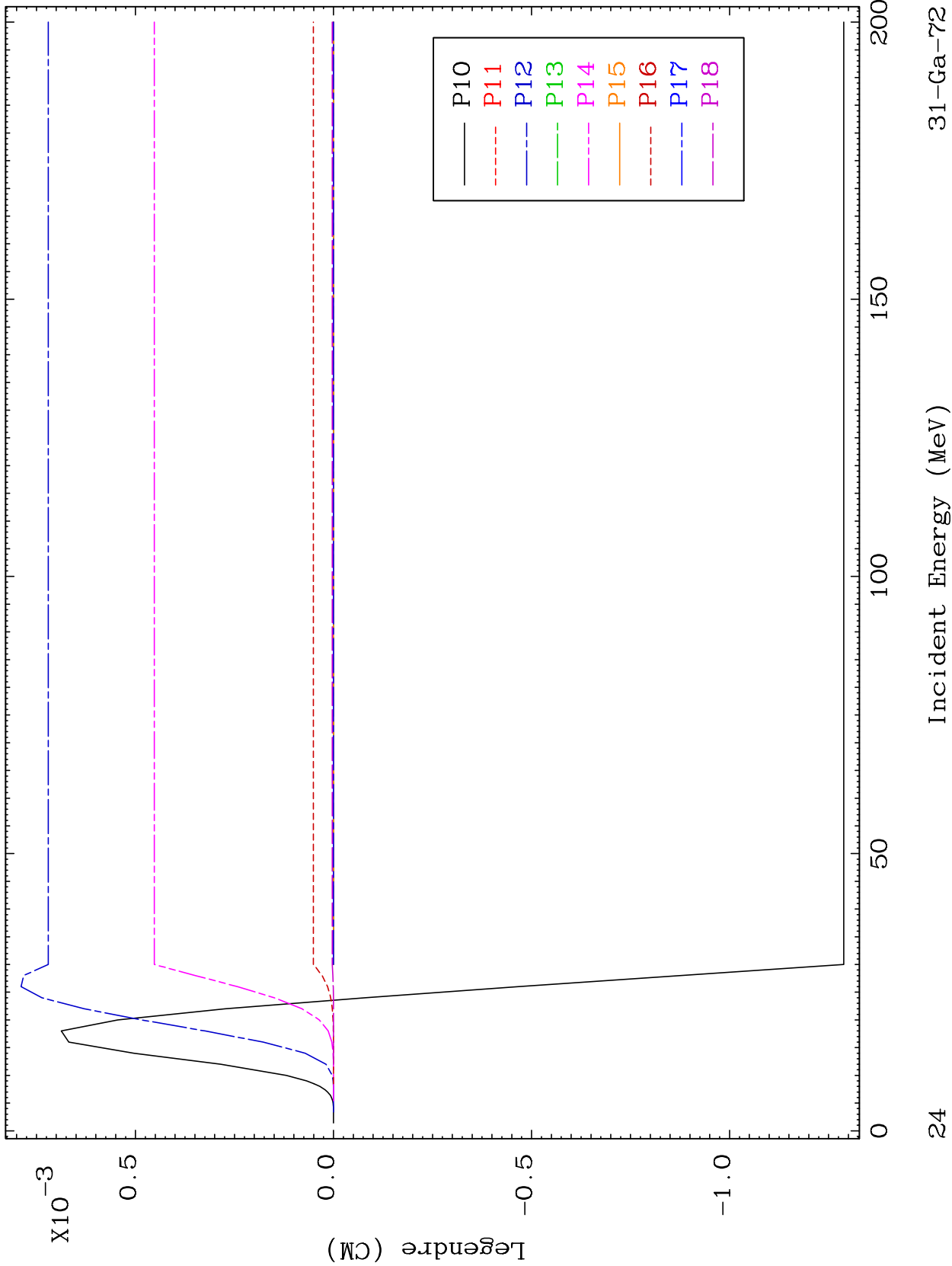
Incident Energy (MeV)

31-Ga-72

MAT 3134

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

31-Ga-72



24

Incident Energy (MeV)

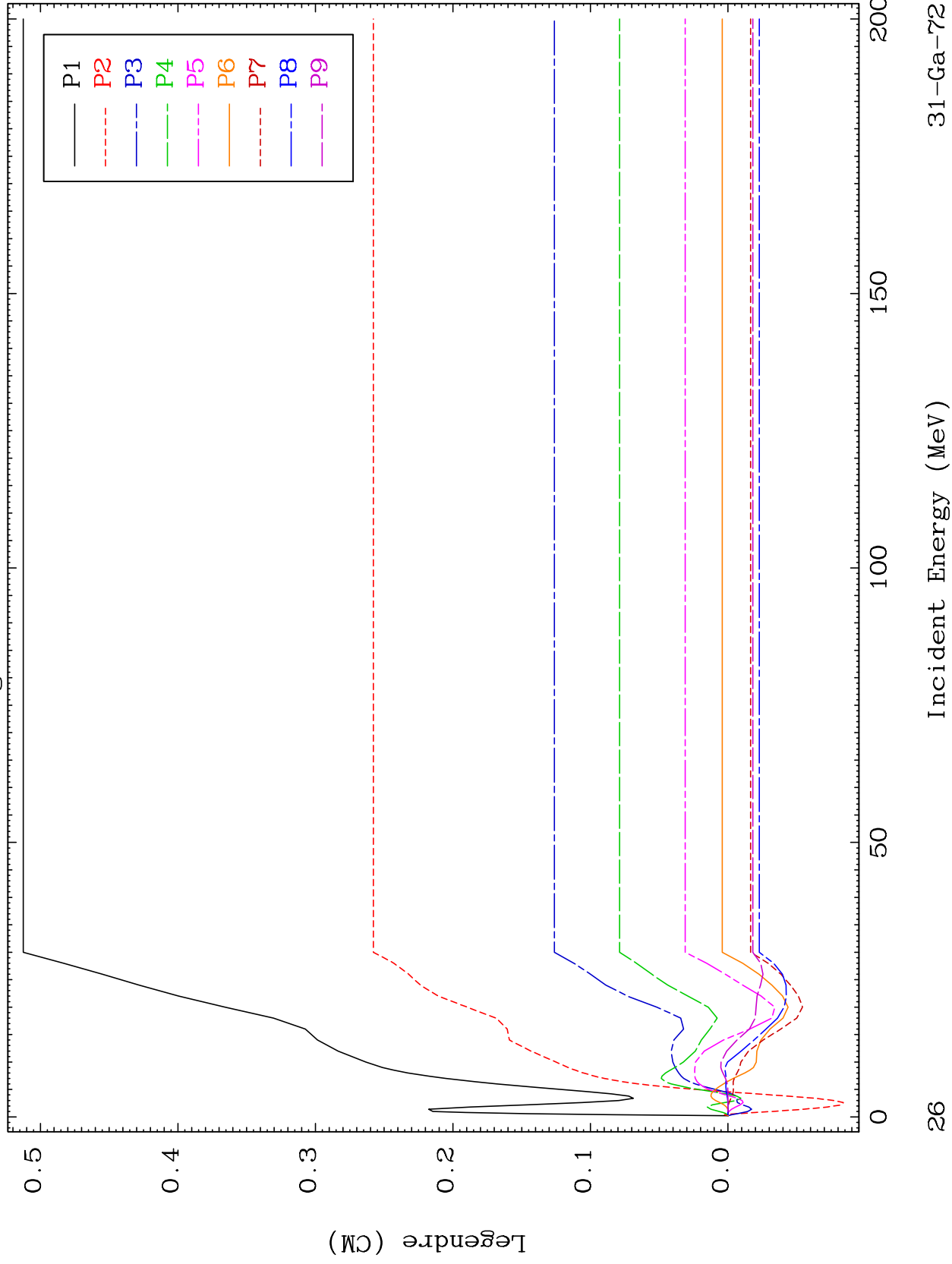
31-Ga-72



MAT 3134

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

31-Ga-72



31-Ga-72

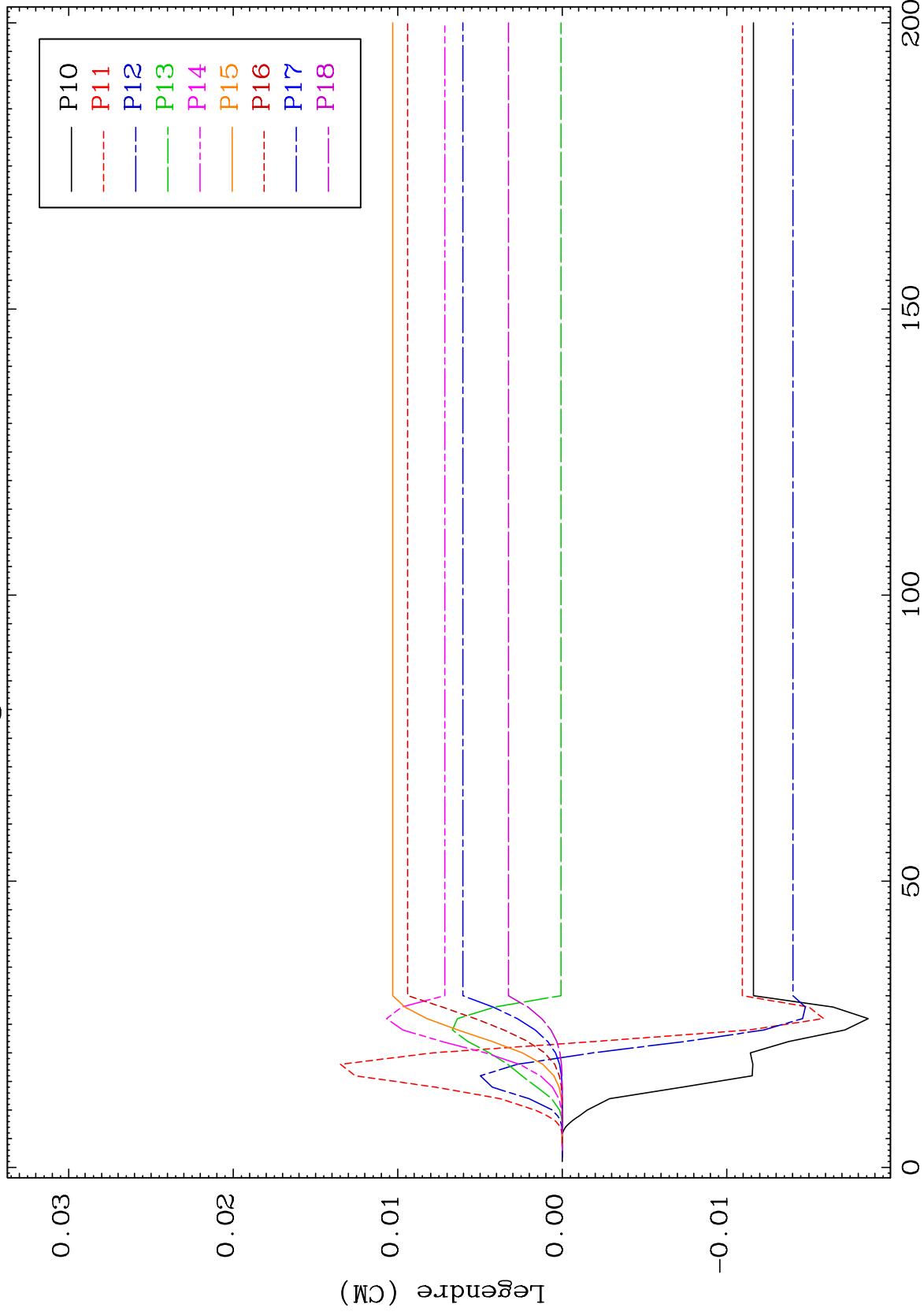
Incident Energy (MeV)

26

MAT 3134

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

31-Ga-72



27

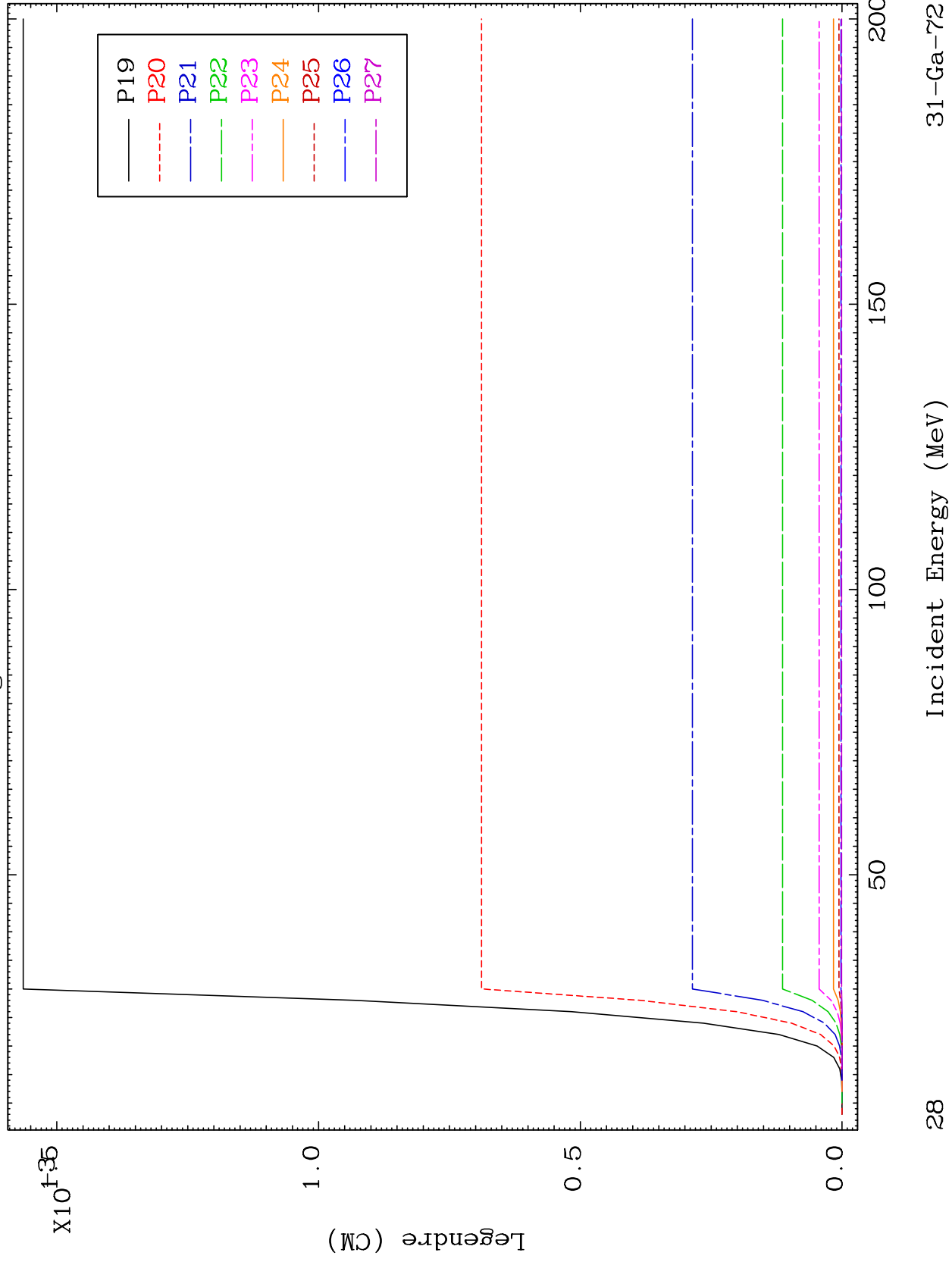
Incident Energy (MeV)

31-Ga-72

MAT 3134

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

31-Ga-72



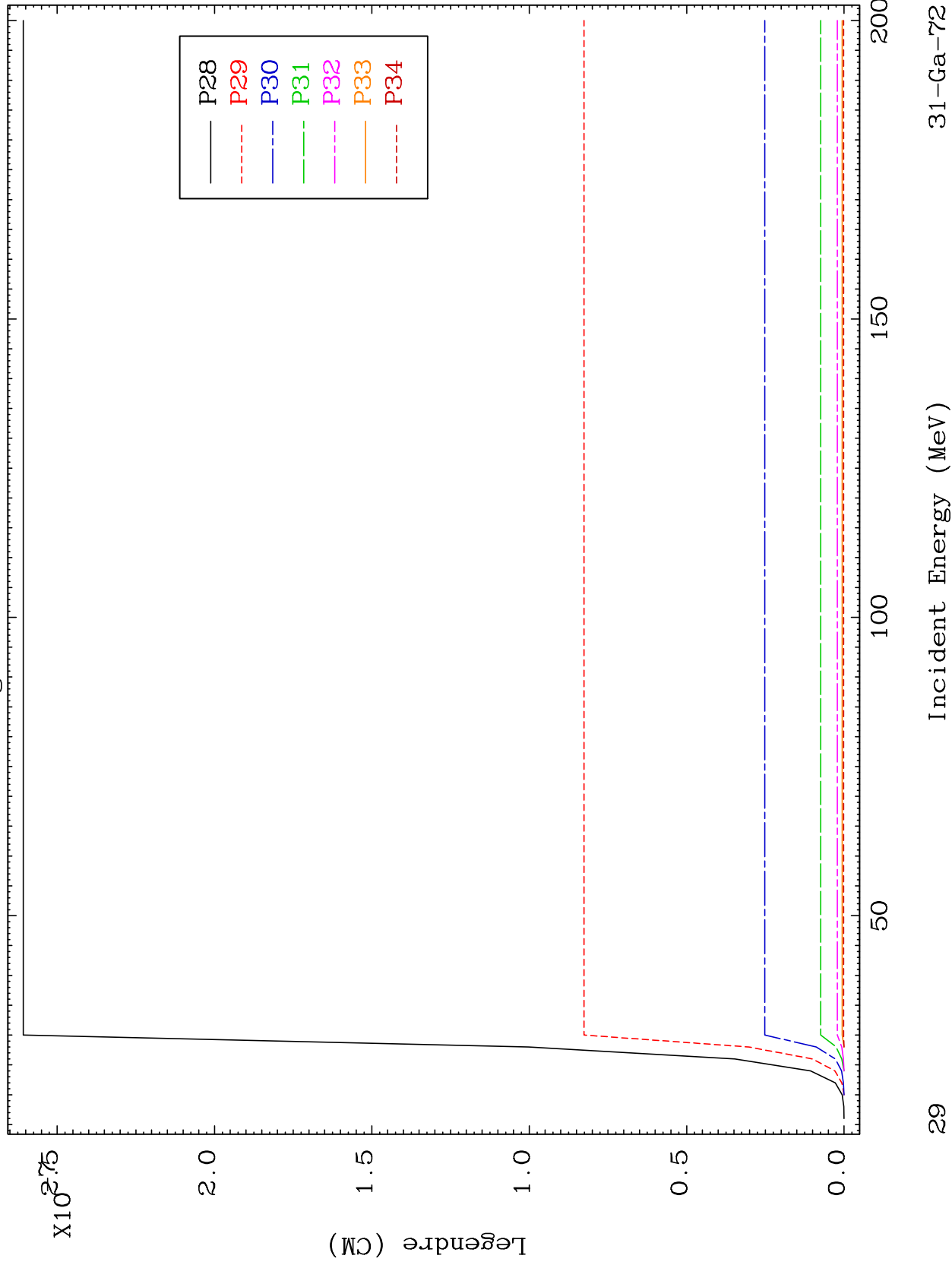
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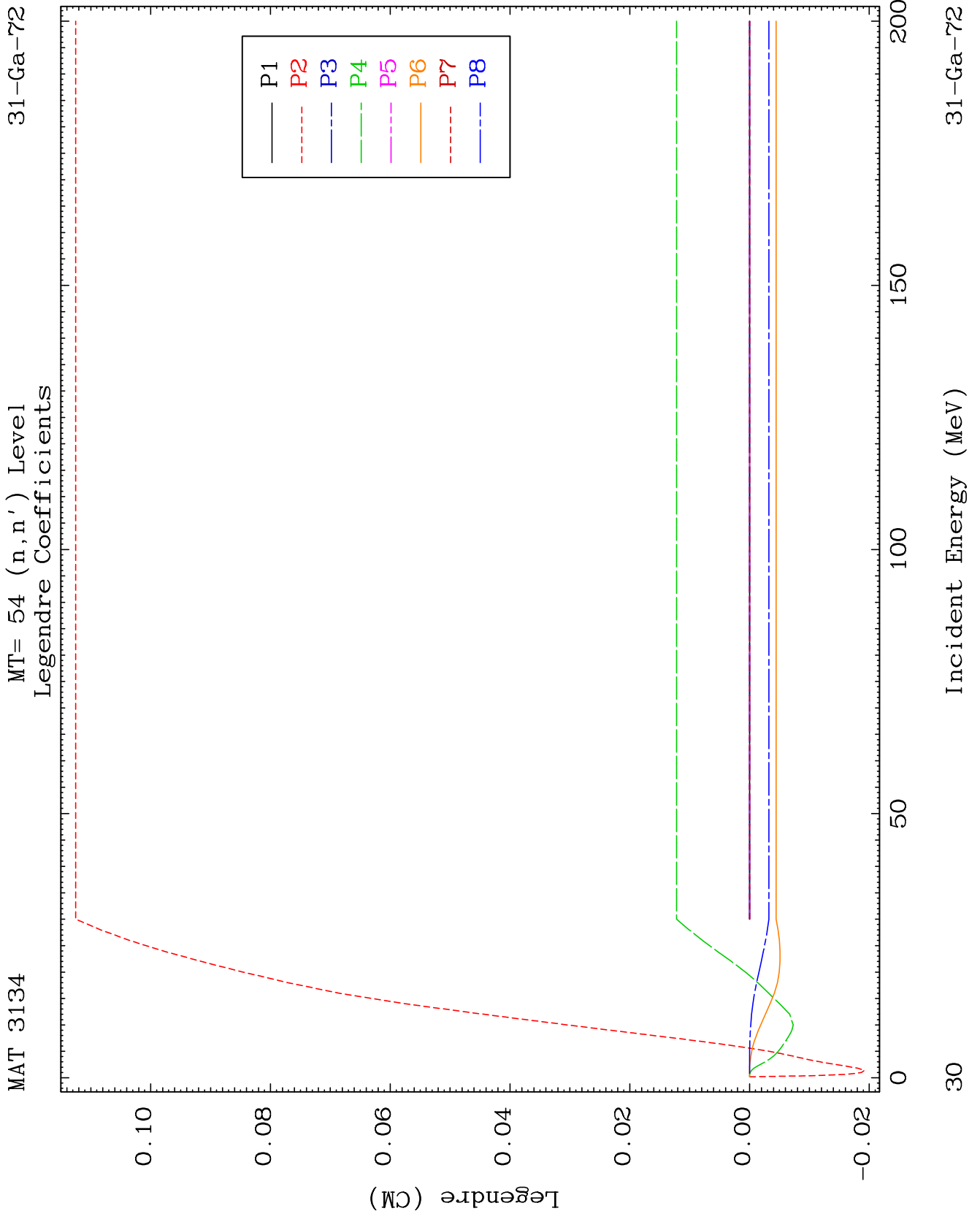
31-Ga-72

MAT 3134

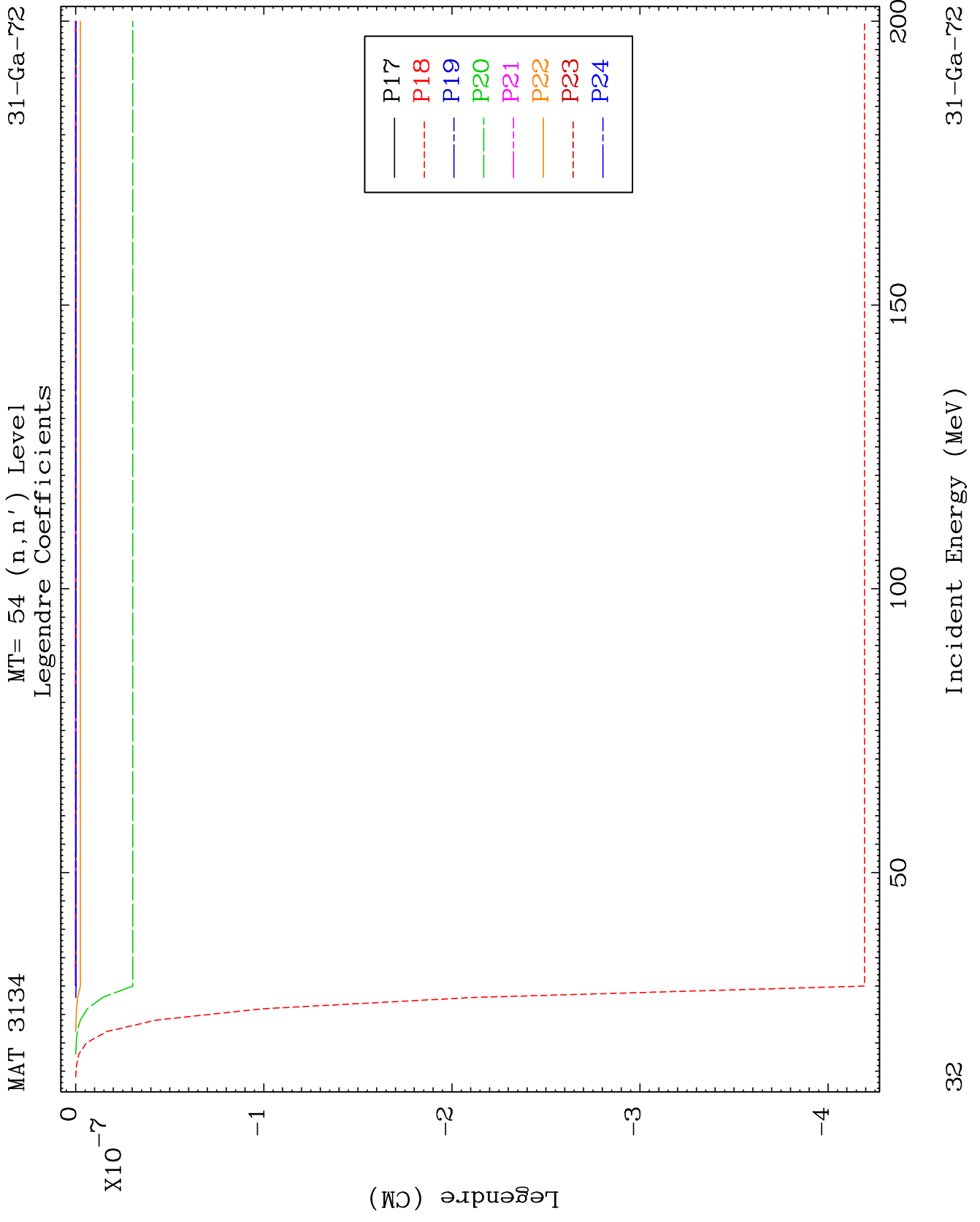
MT= 53 (n,n') Level  
Legendre Coefficients

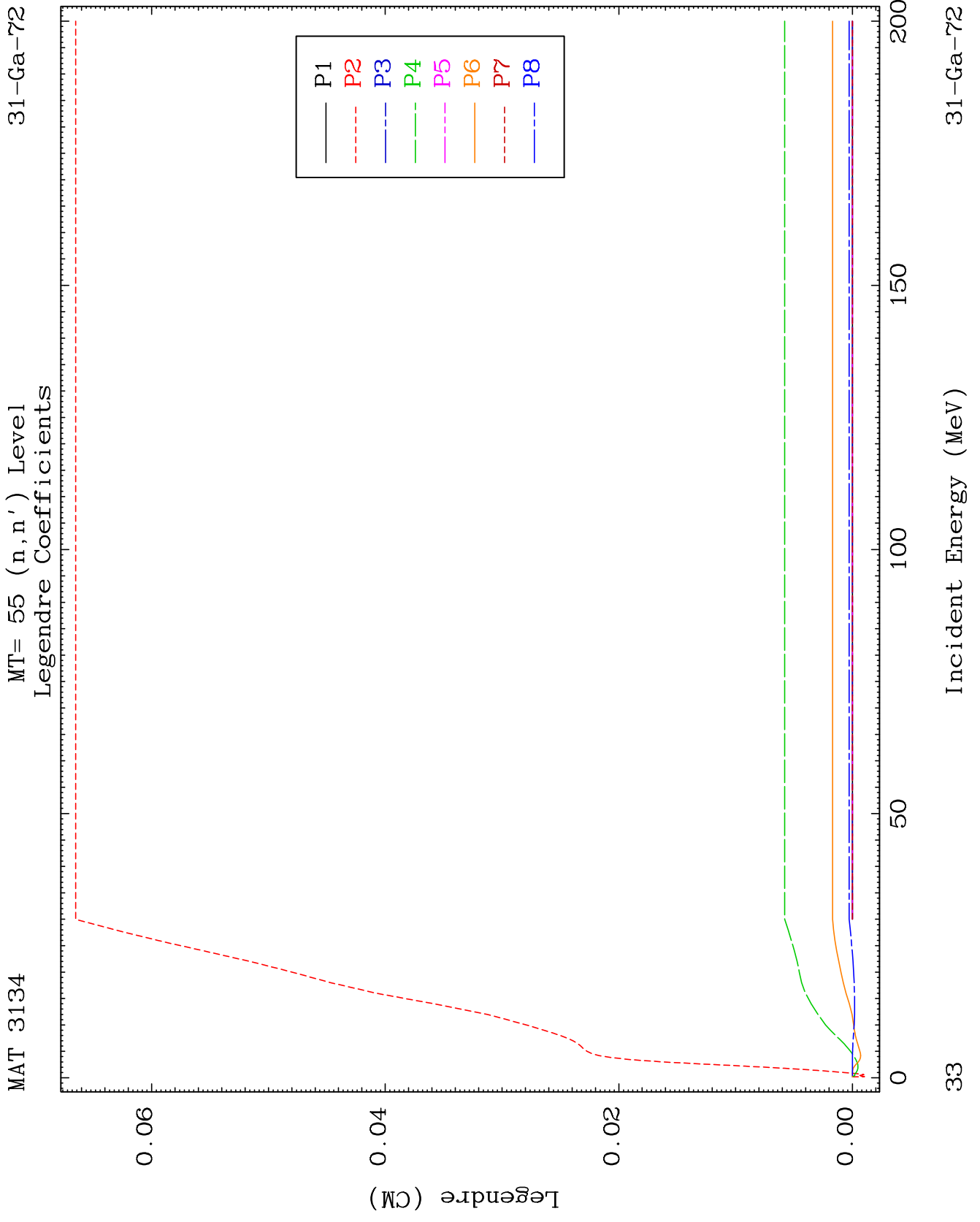
31-Ga-72







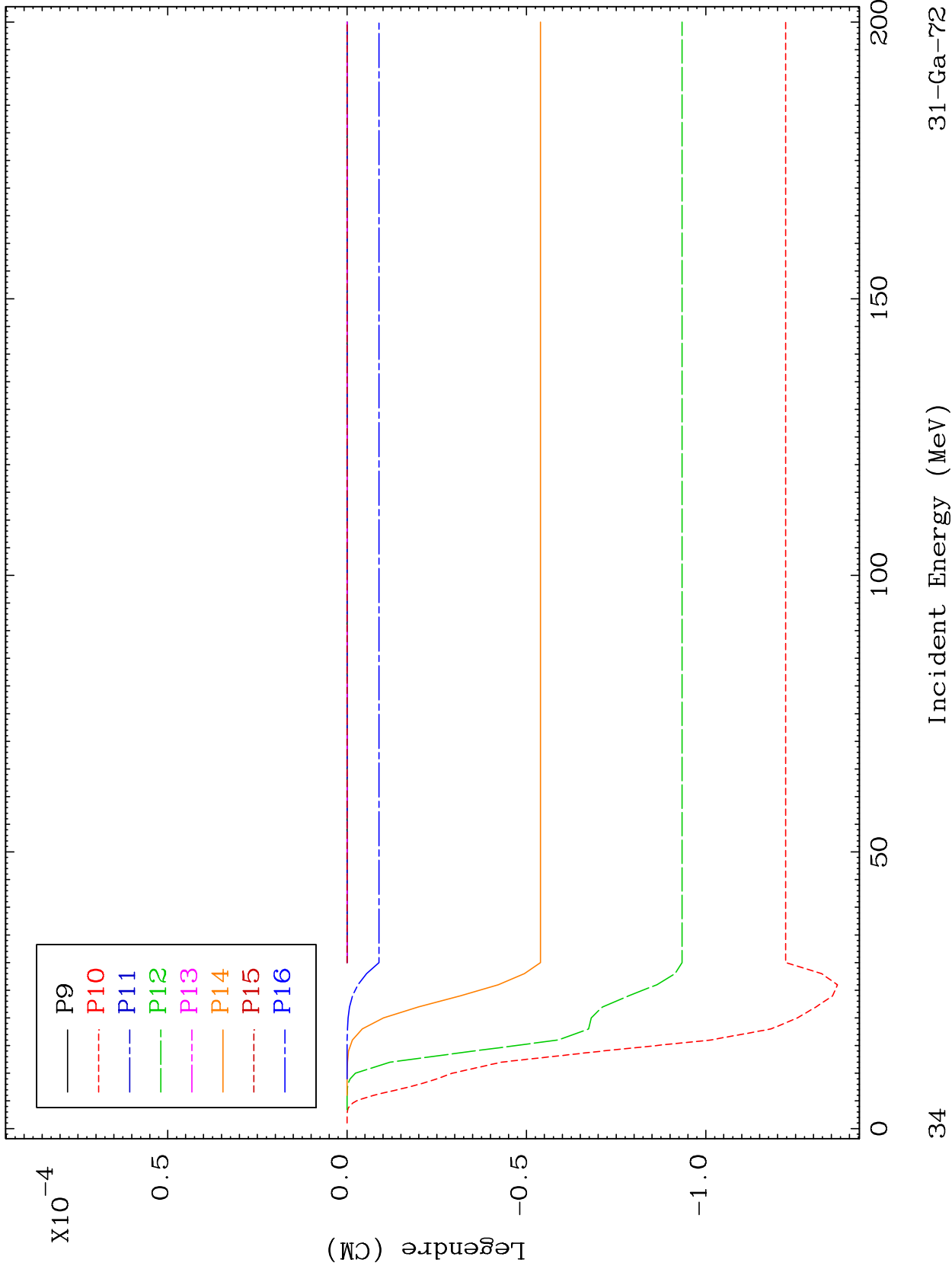




MAT 3134

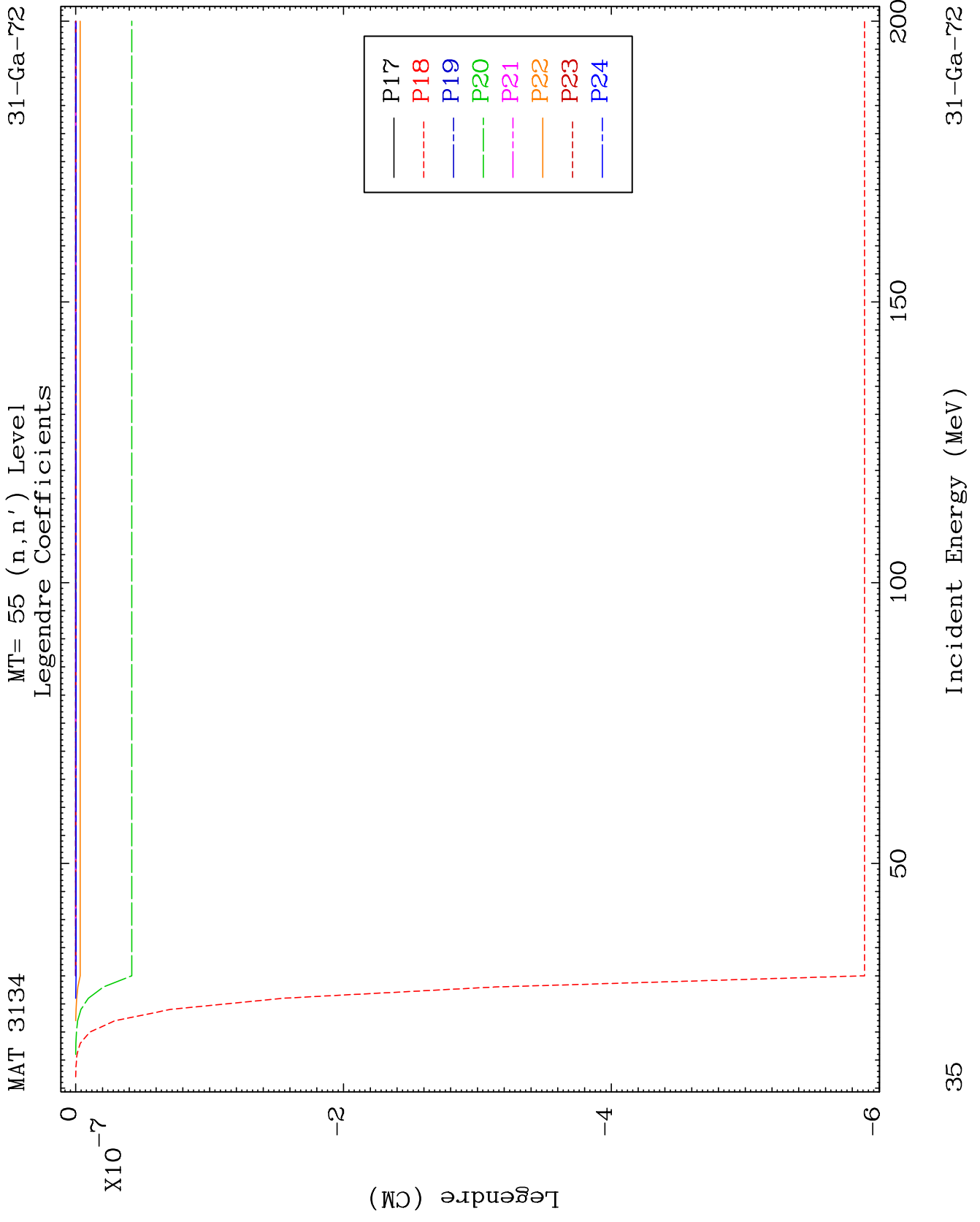
MT= 55 (n,n') Level  
Legendre Coefficients

31-Ga-72



34

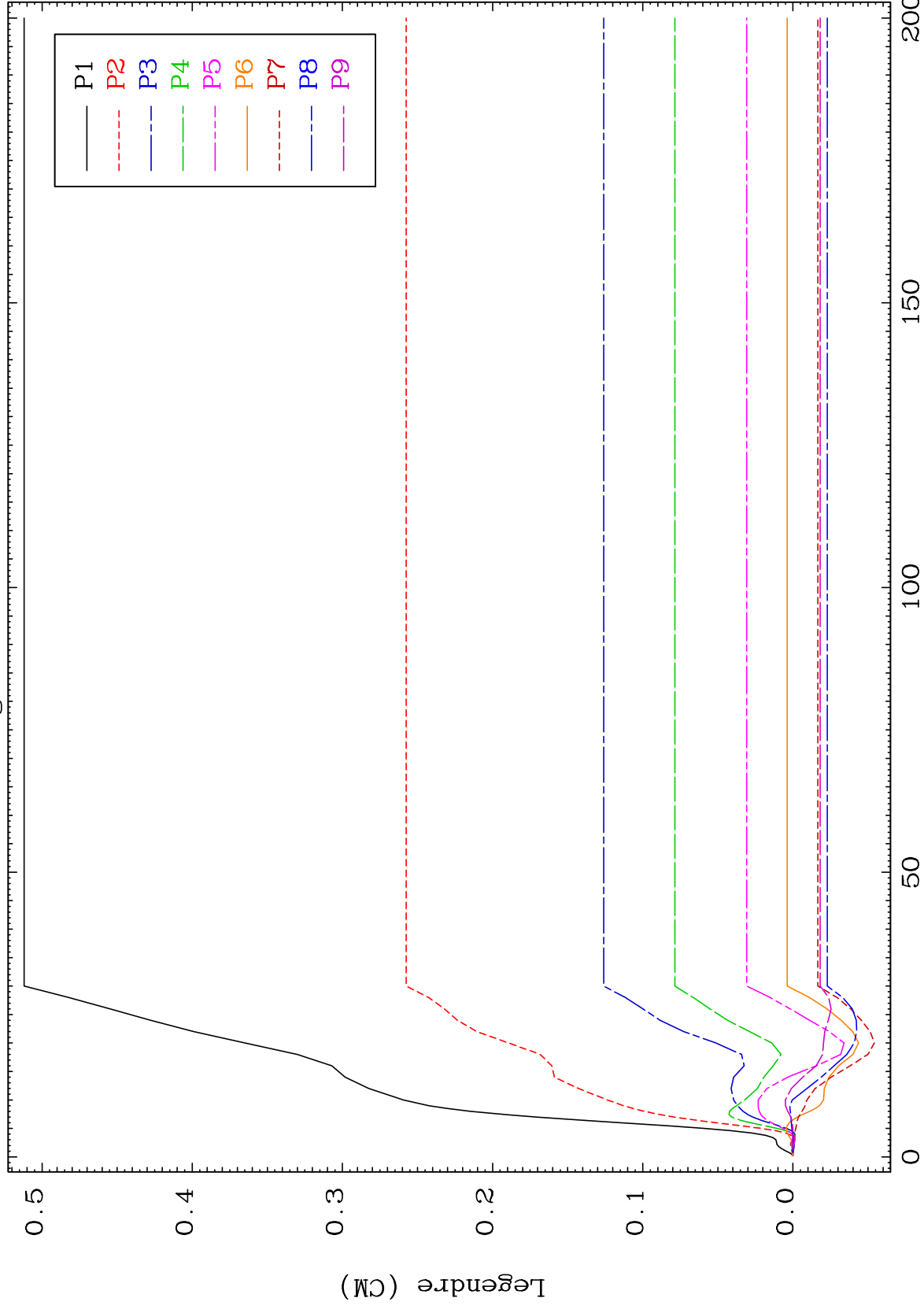
31-Ga-72



MAT 3134

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

31-Ga-72



36

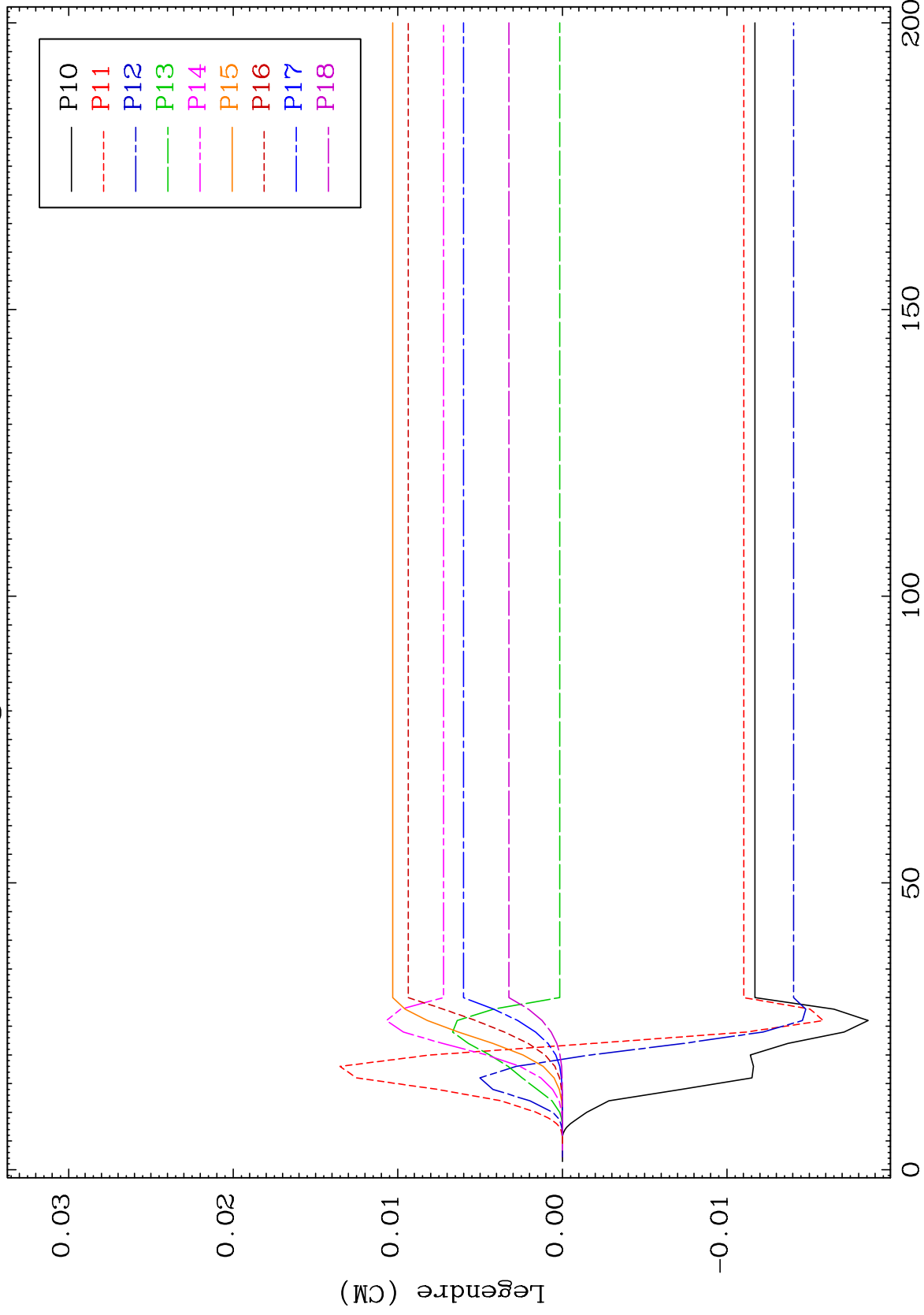
Incident Energy (MeV)

31-Ga-72

MAT 3134

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

31-Ga-72



37

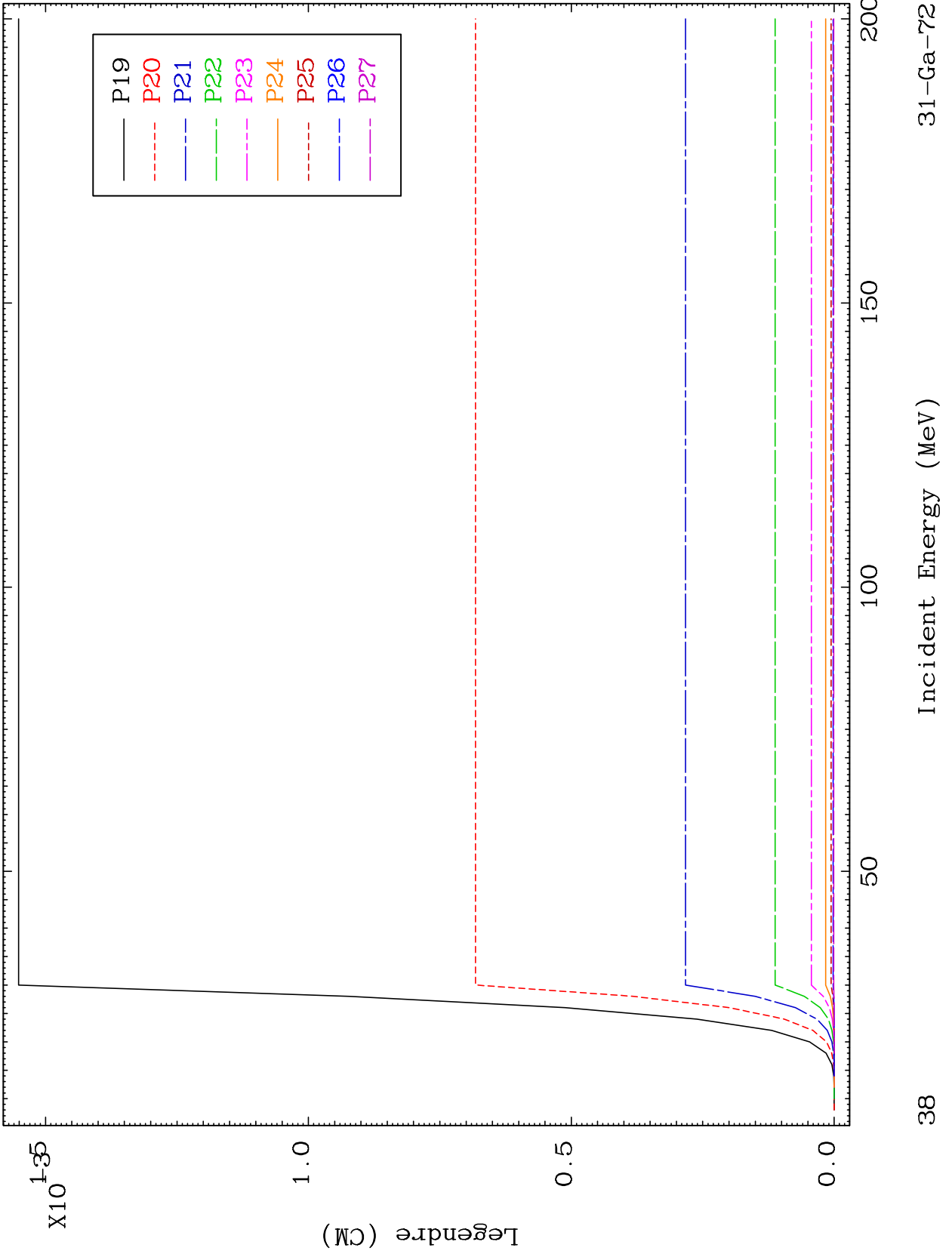
Incident Energy (MeV)

31-Ga-72

MAT 3134

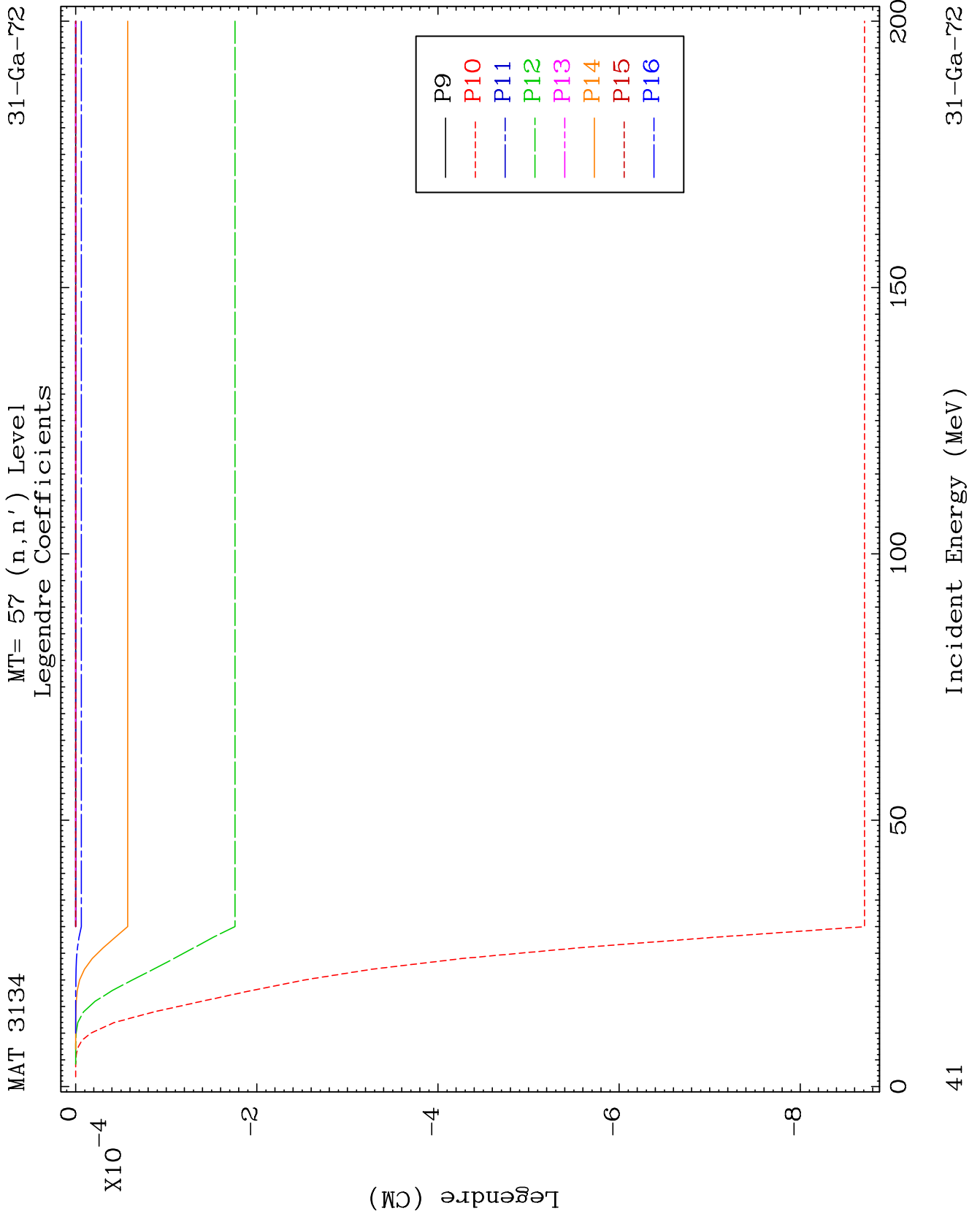
MT= 56 (n,n') Level  
Legendre Coefficients

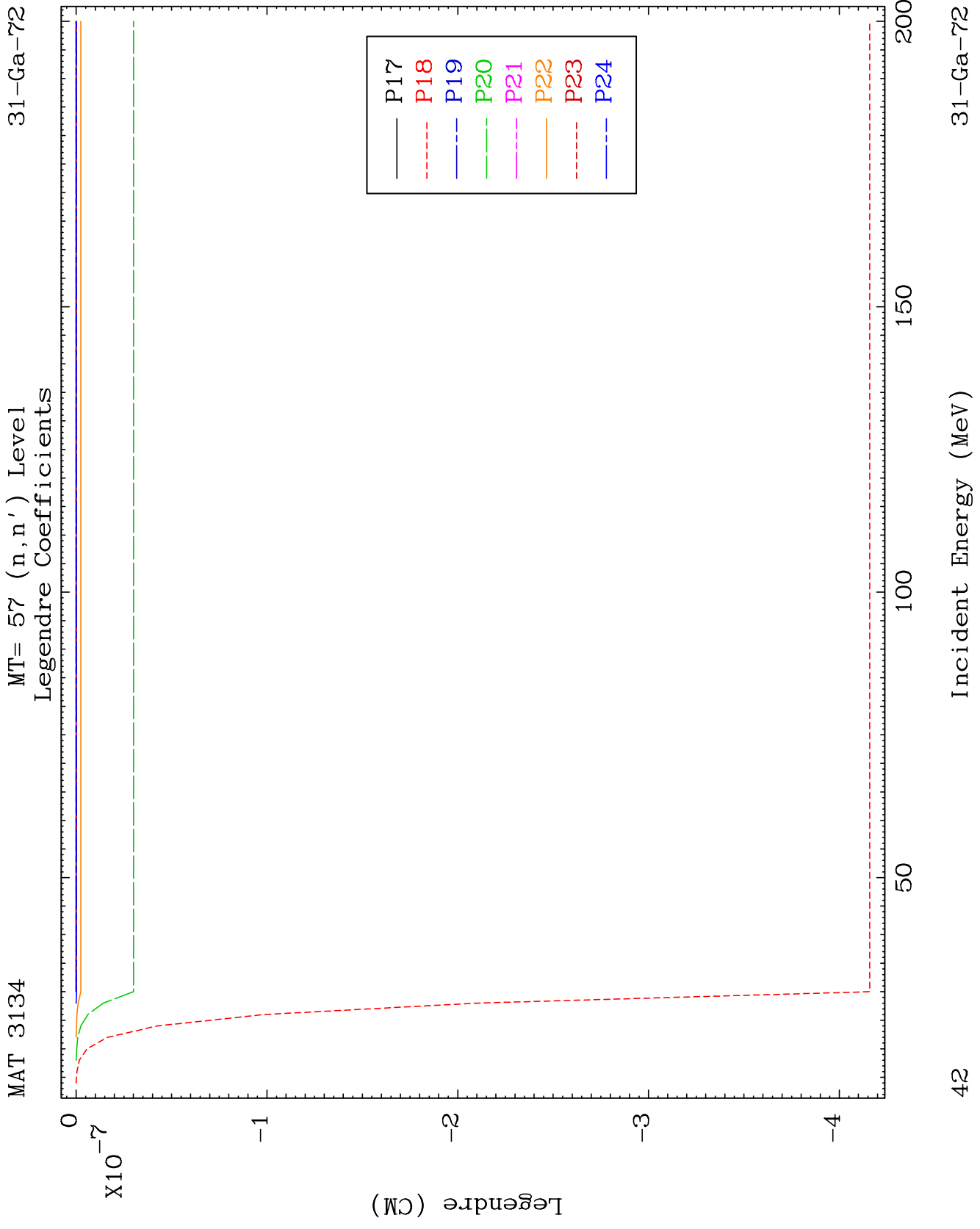
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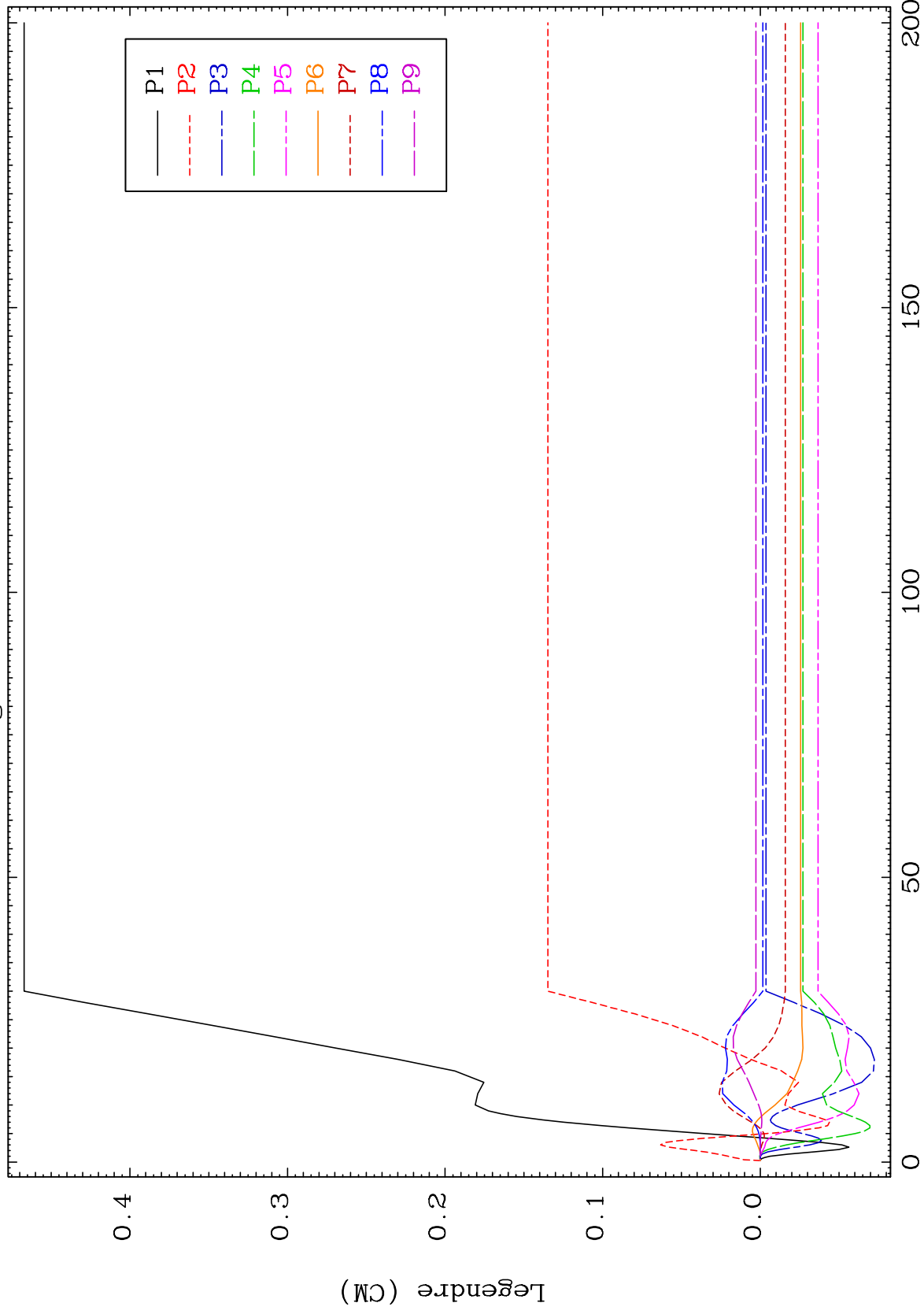




MAT 3134

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

31-Ga-72



43

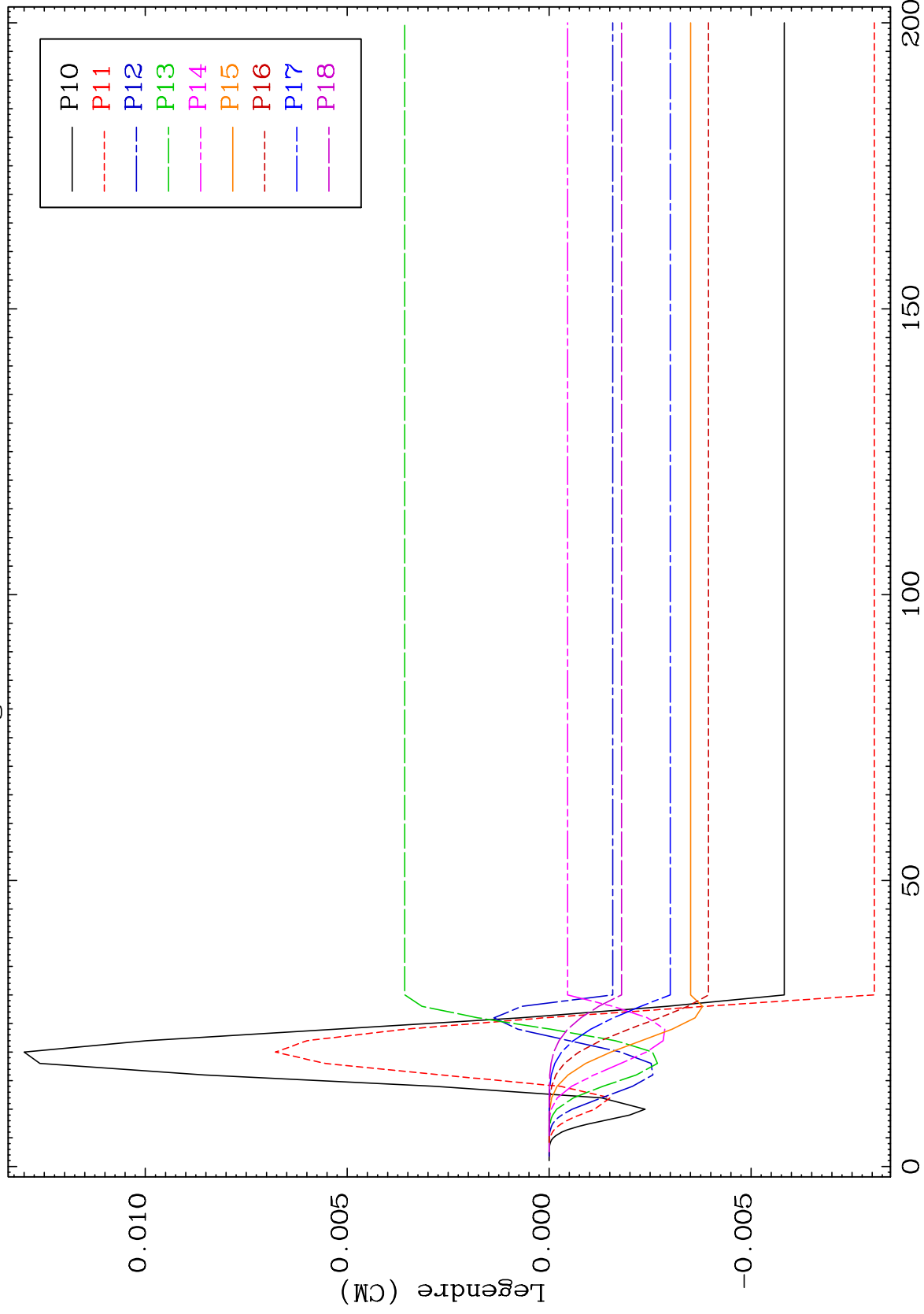
Incident Energy (MeV)

31-Ga-72

MAT 3134

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

31-Ga-72



44

Incident Energy (MeV)

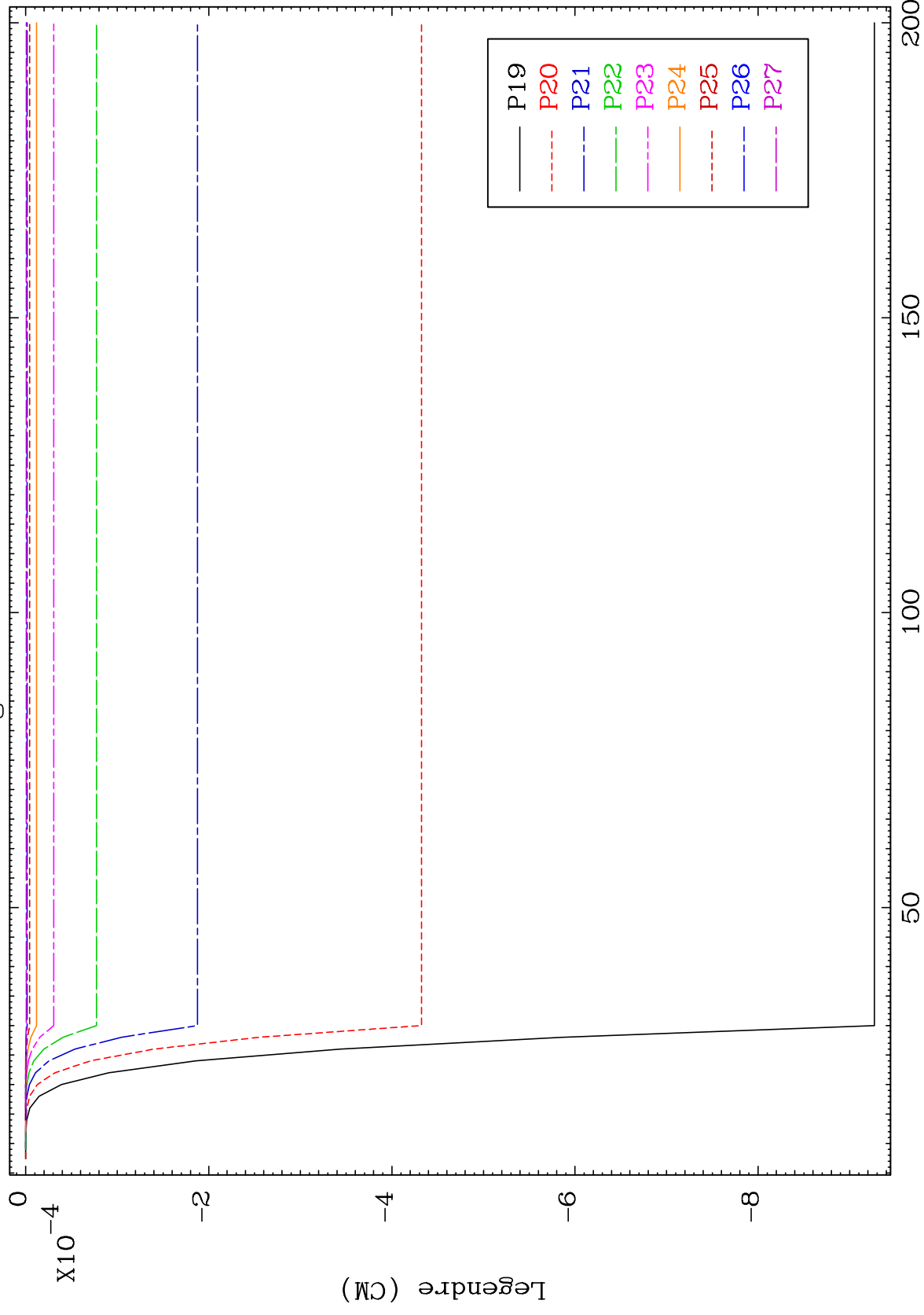
31-Ga-72

MAT 3134

MT= 58 (n,n') Level

Legendre Coefficients

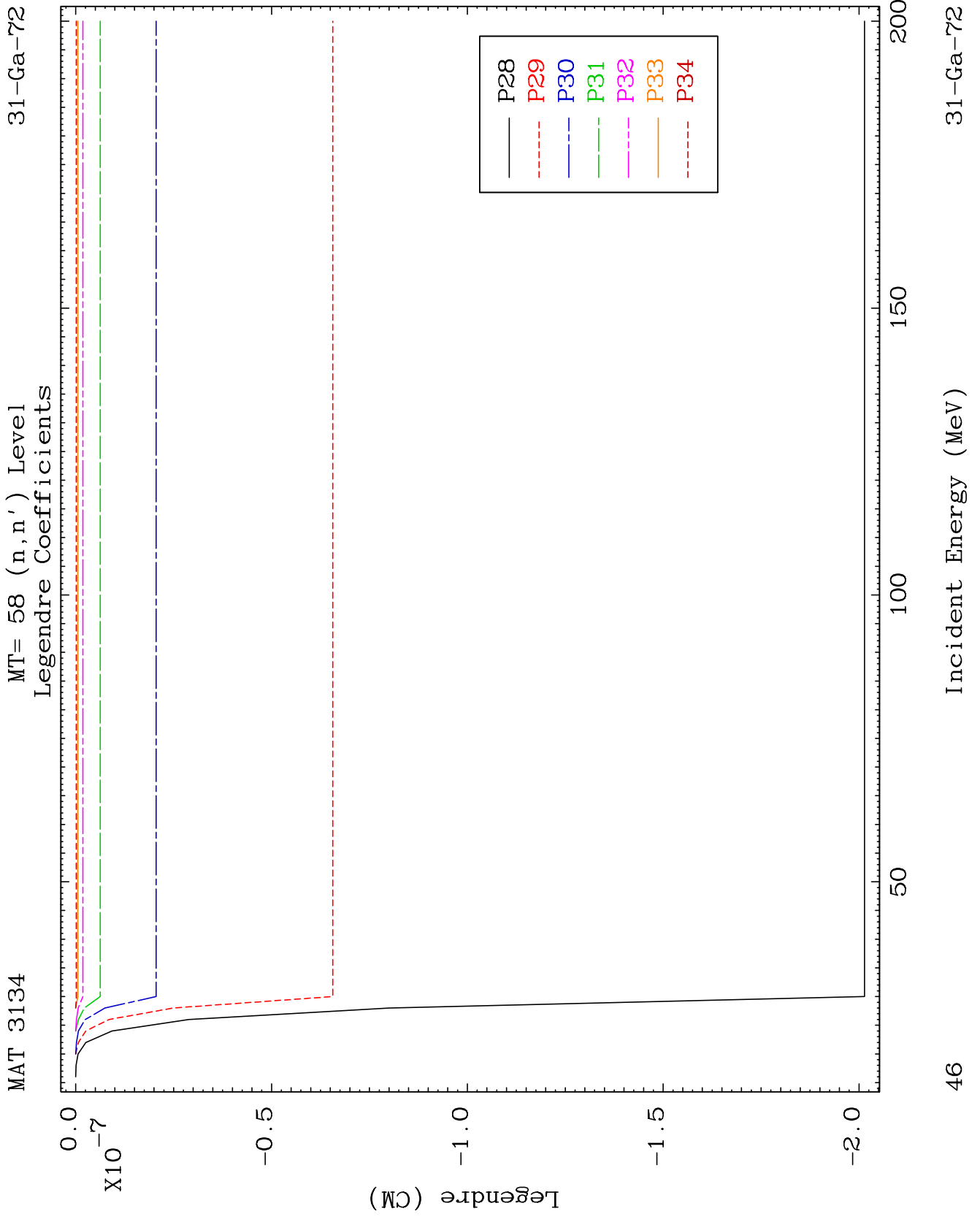
31-Ga-72



31-Ga-72

Incident Energy (MeV)

45

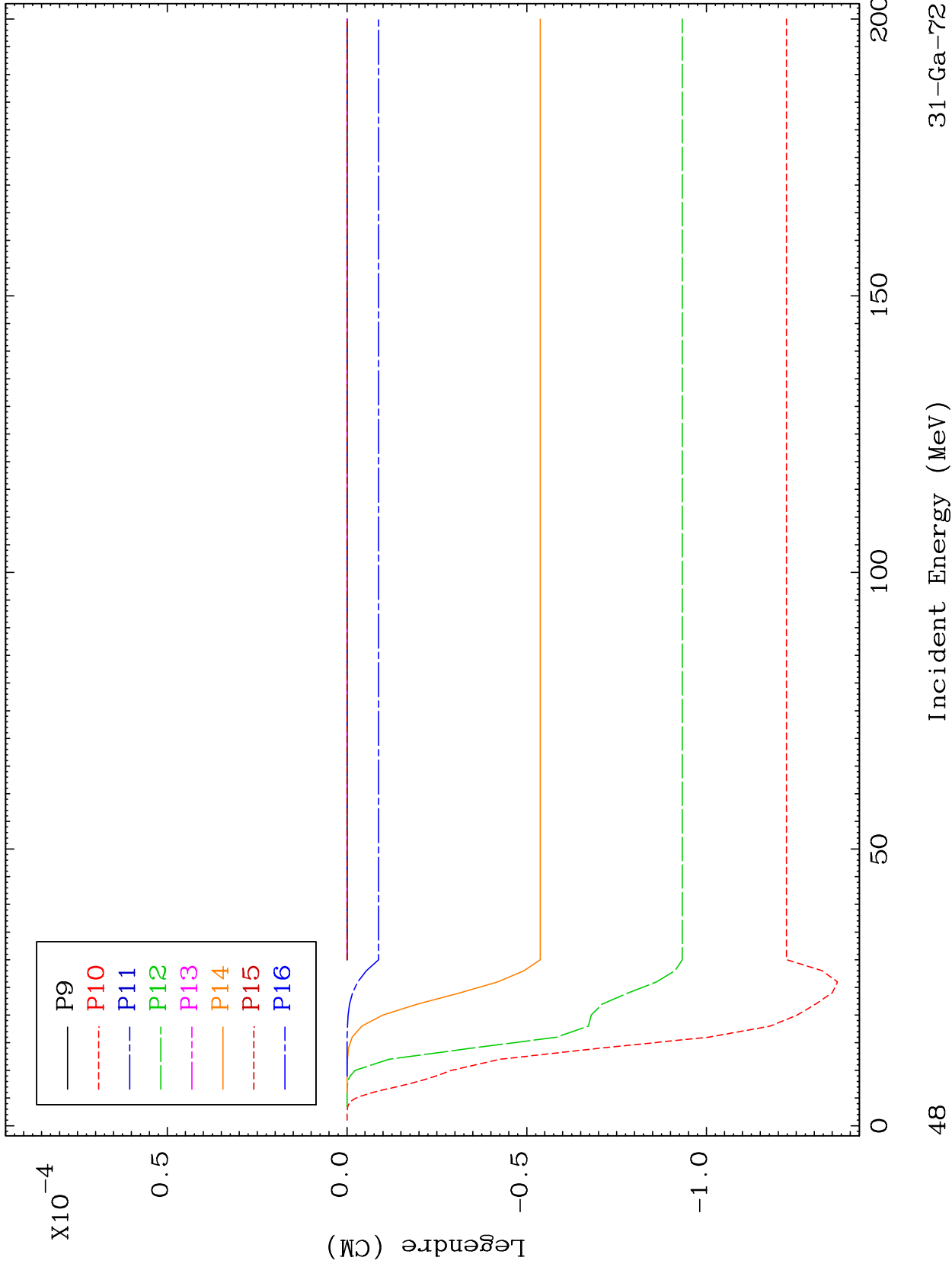




MAT 3134

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

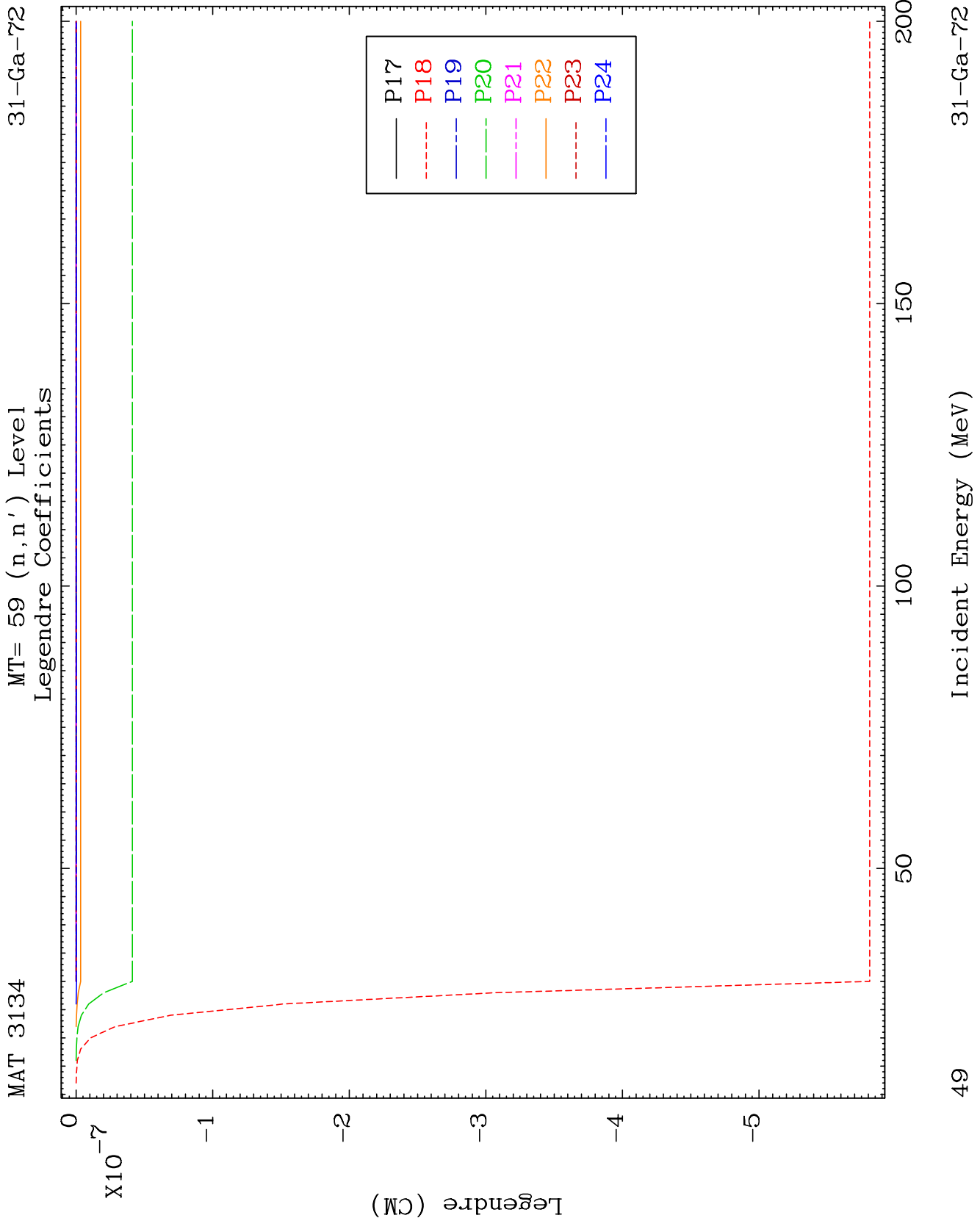
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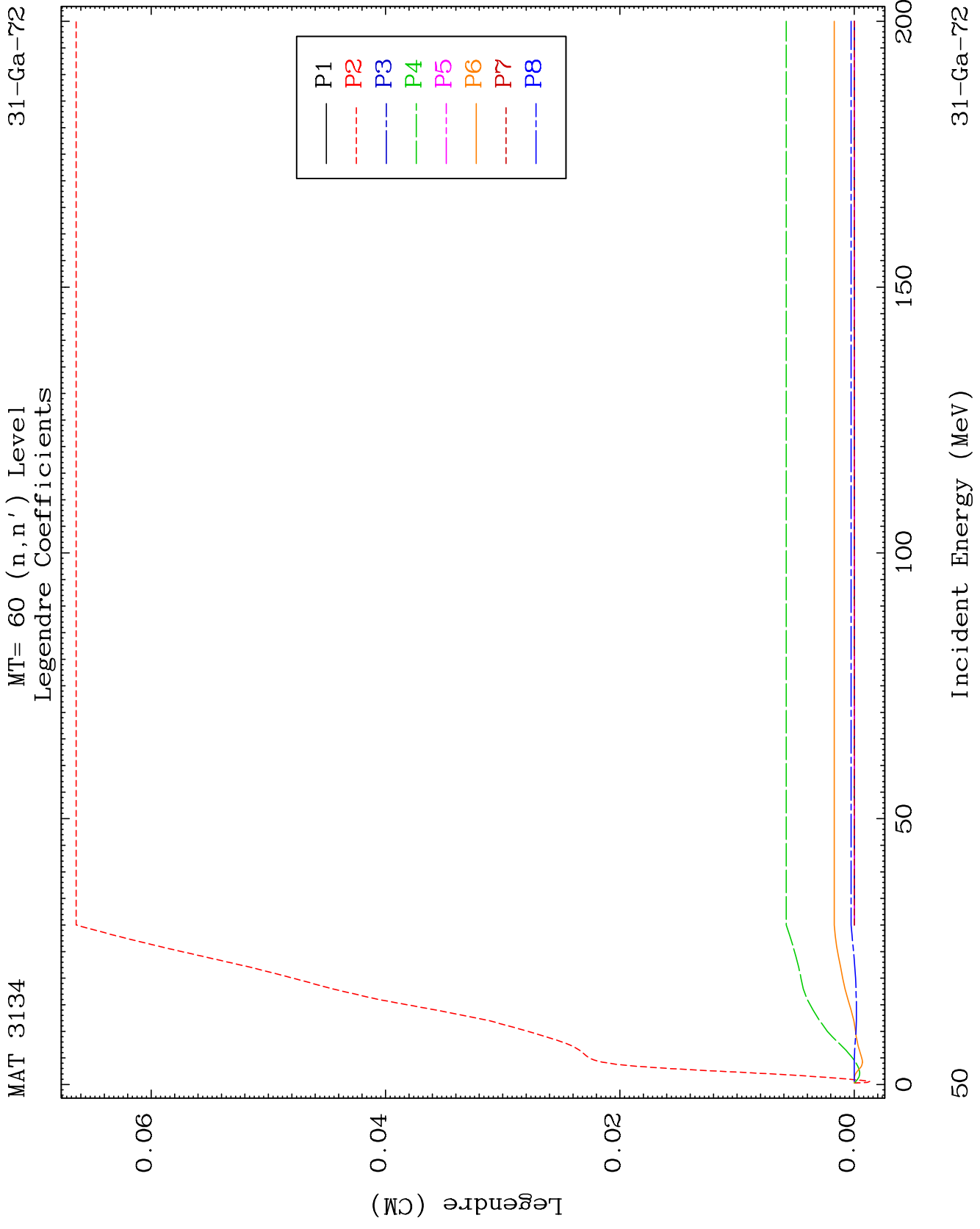


48

Incident Energy (MeV)

31-Ga-72

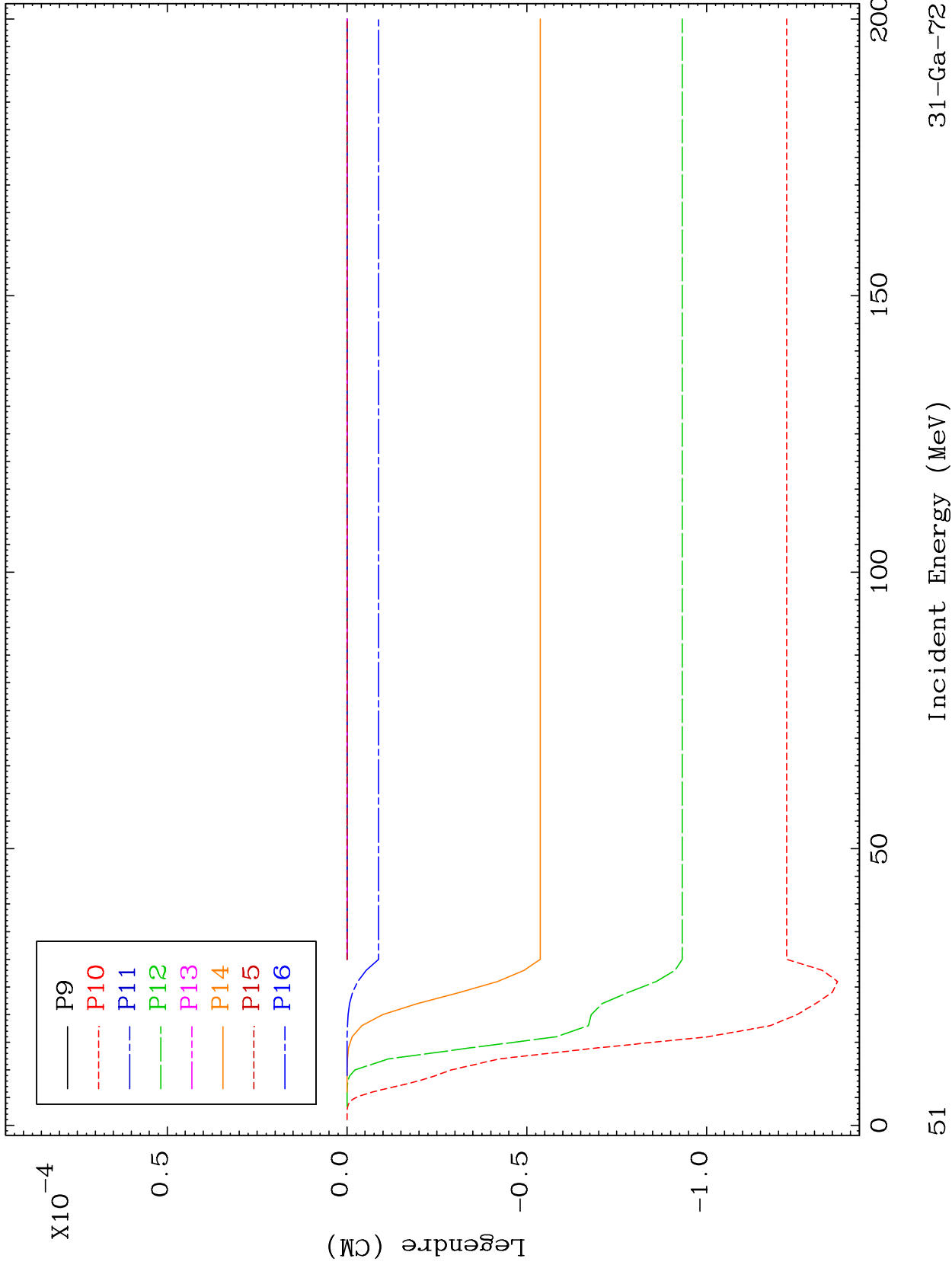




MAT 3134

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

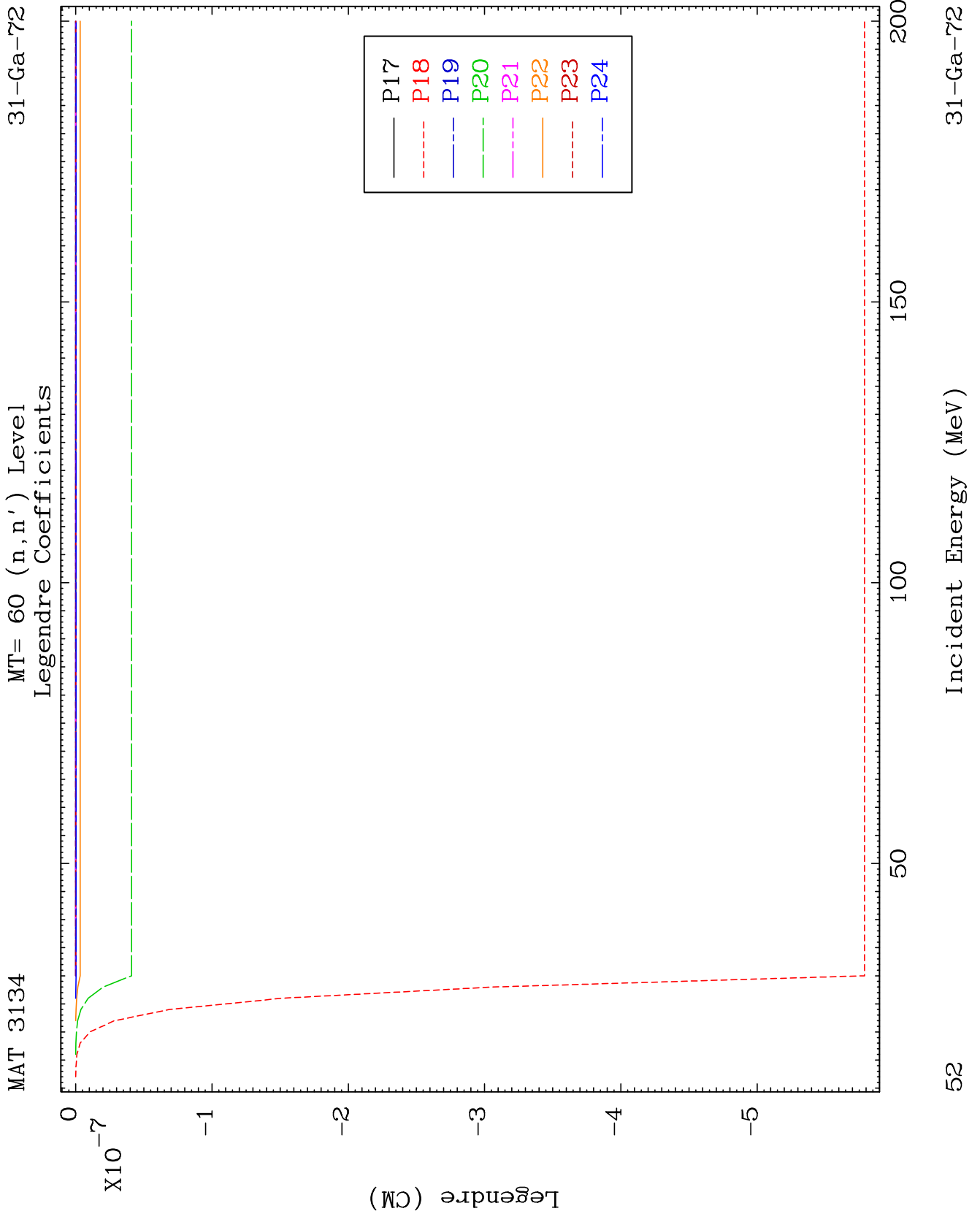
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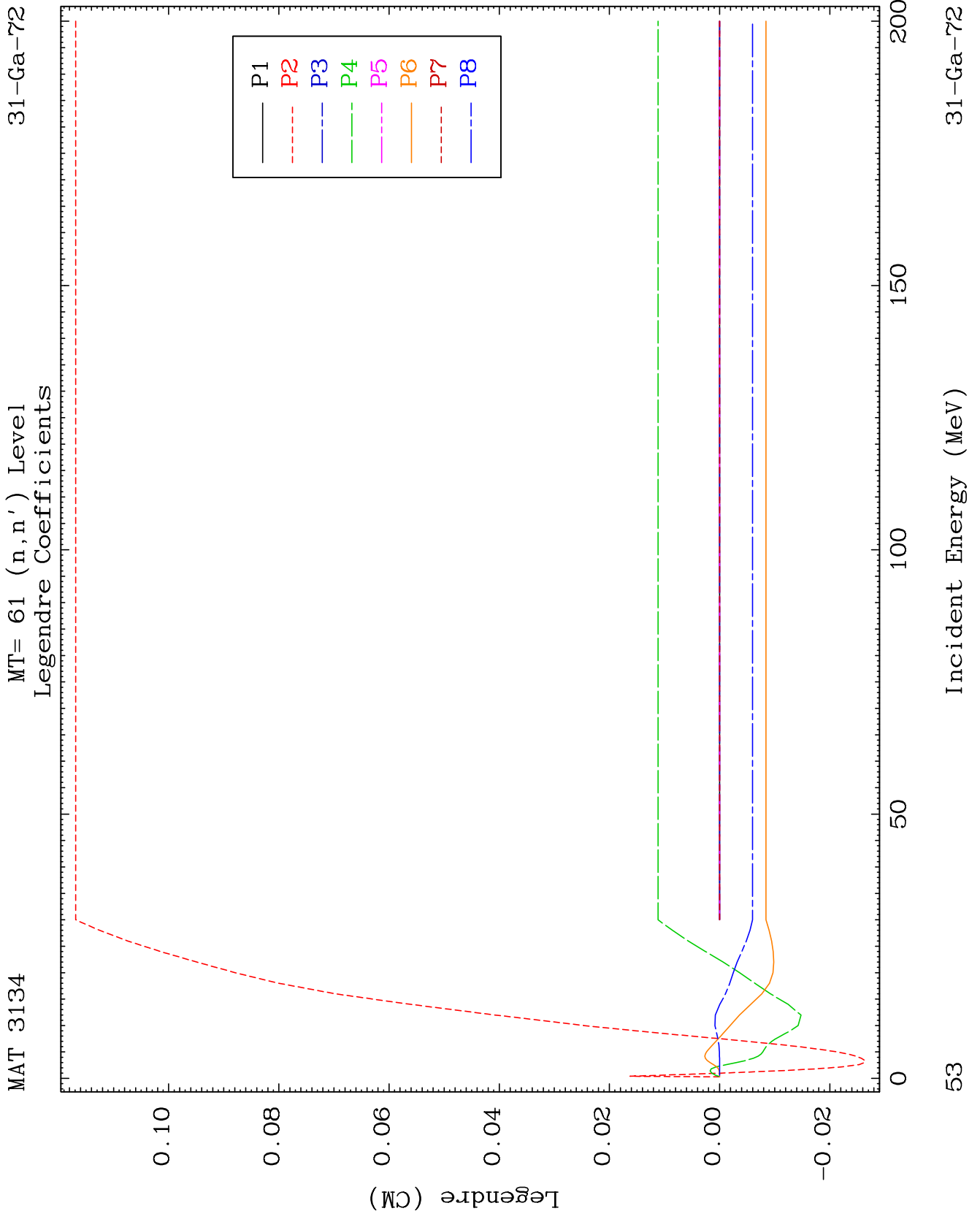


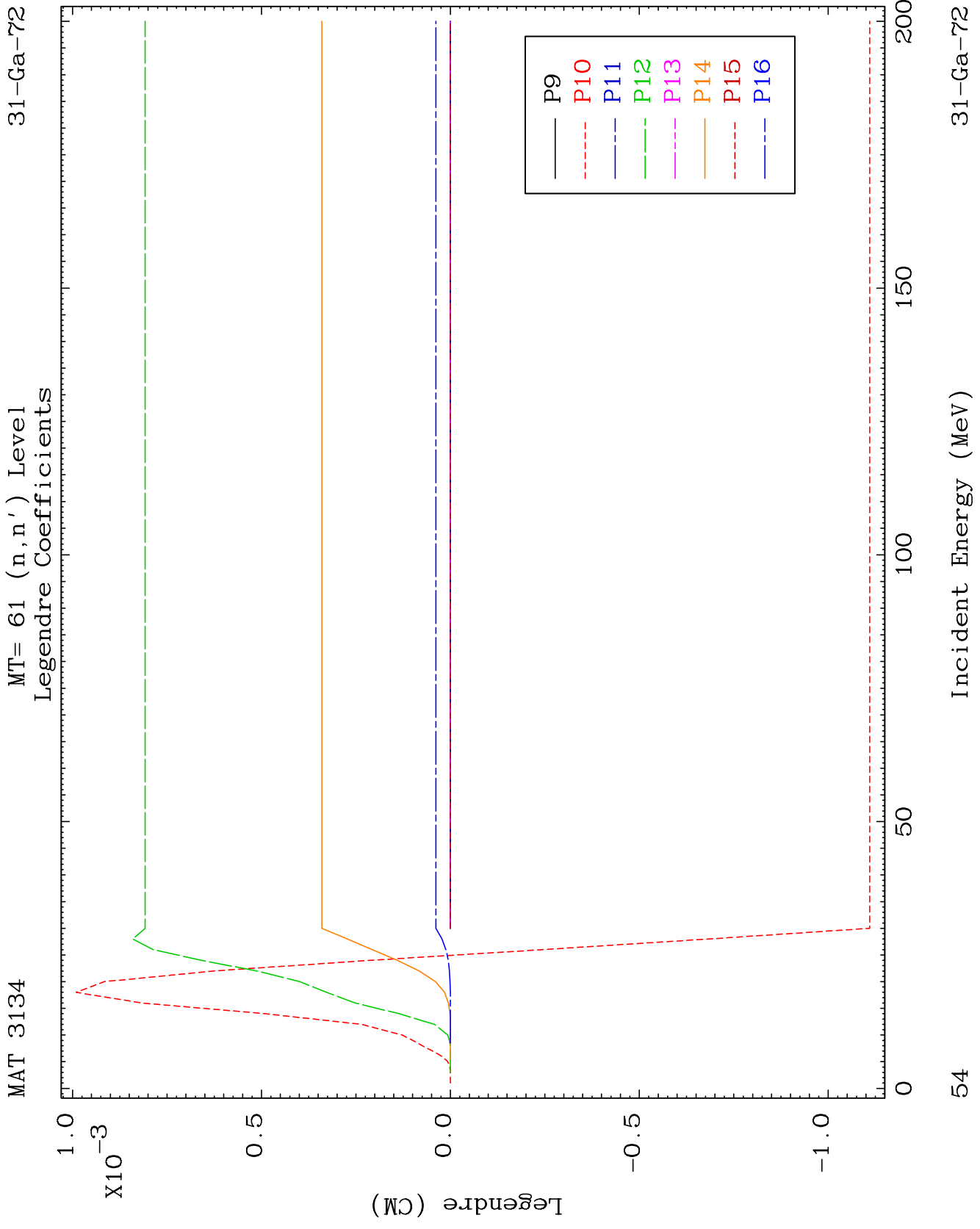
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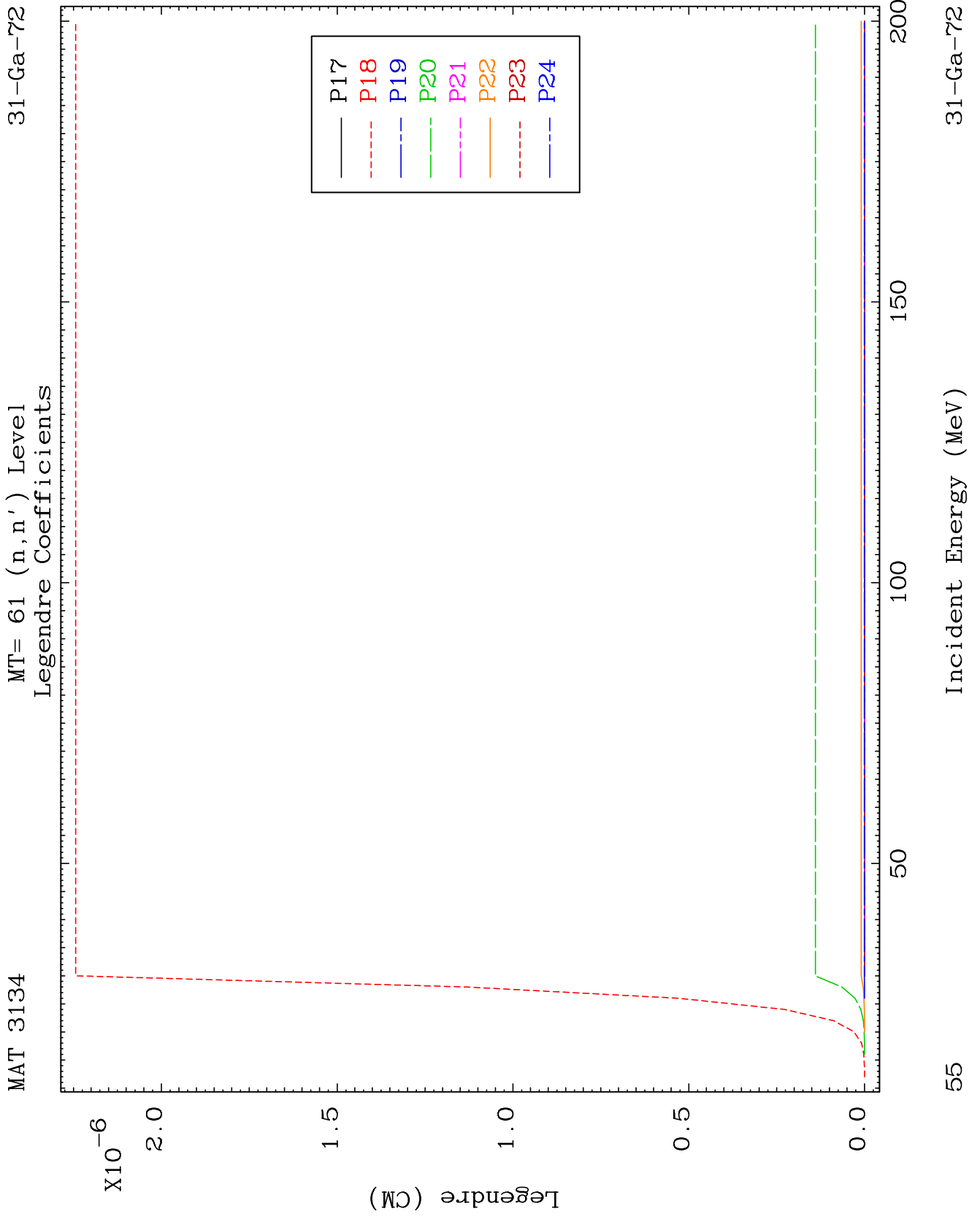
Incident Energy (MeV)

31-Ga-72







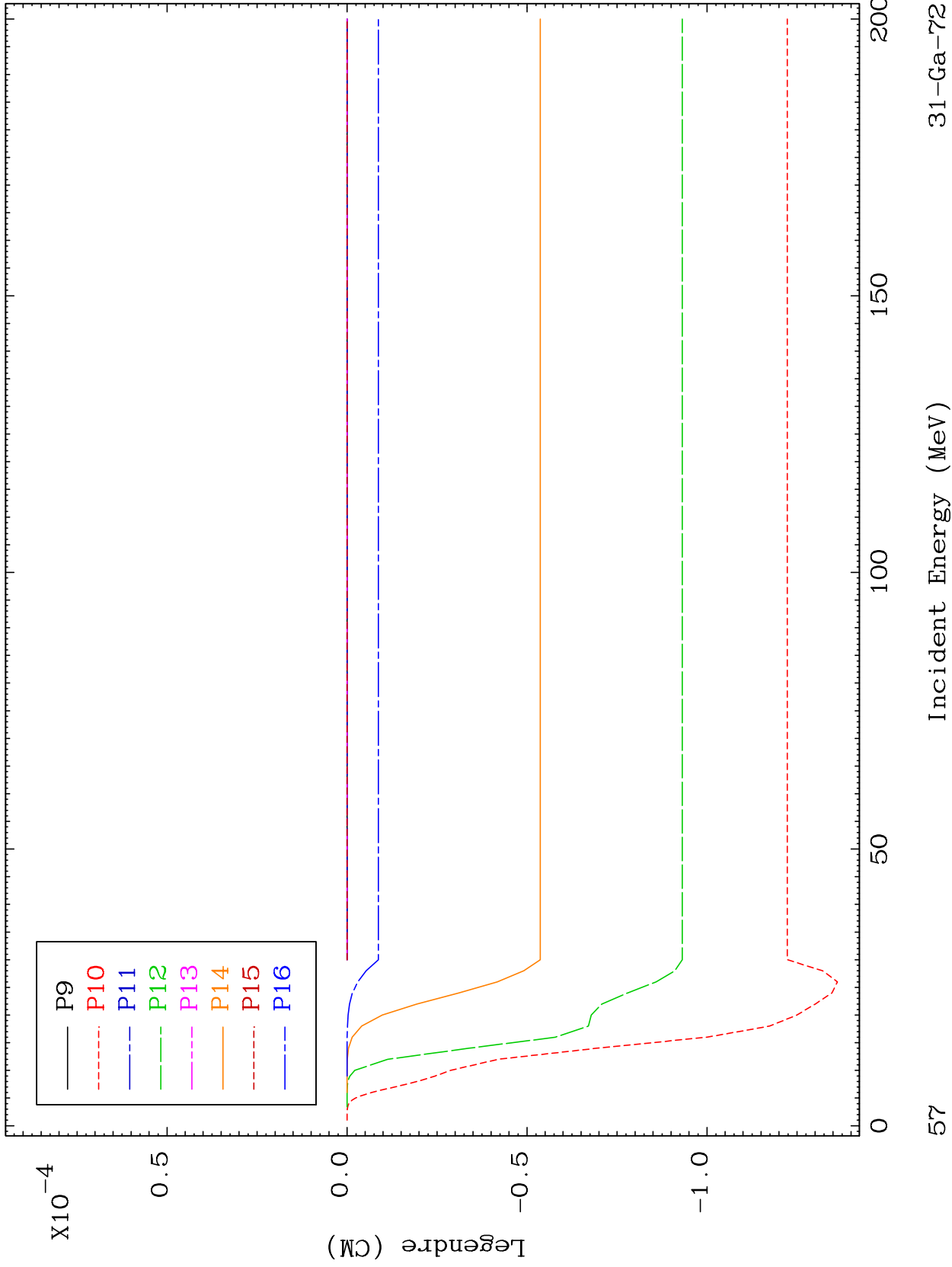




MAT 3134

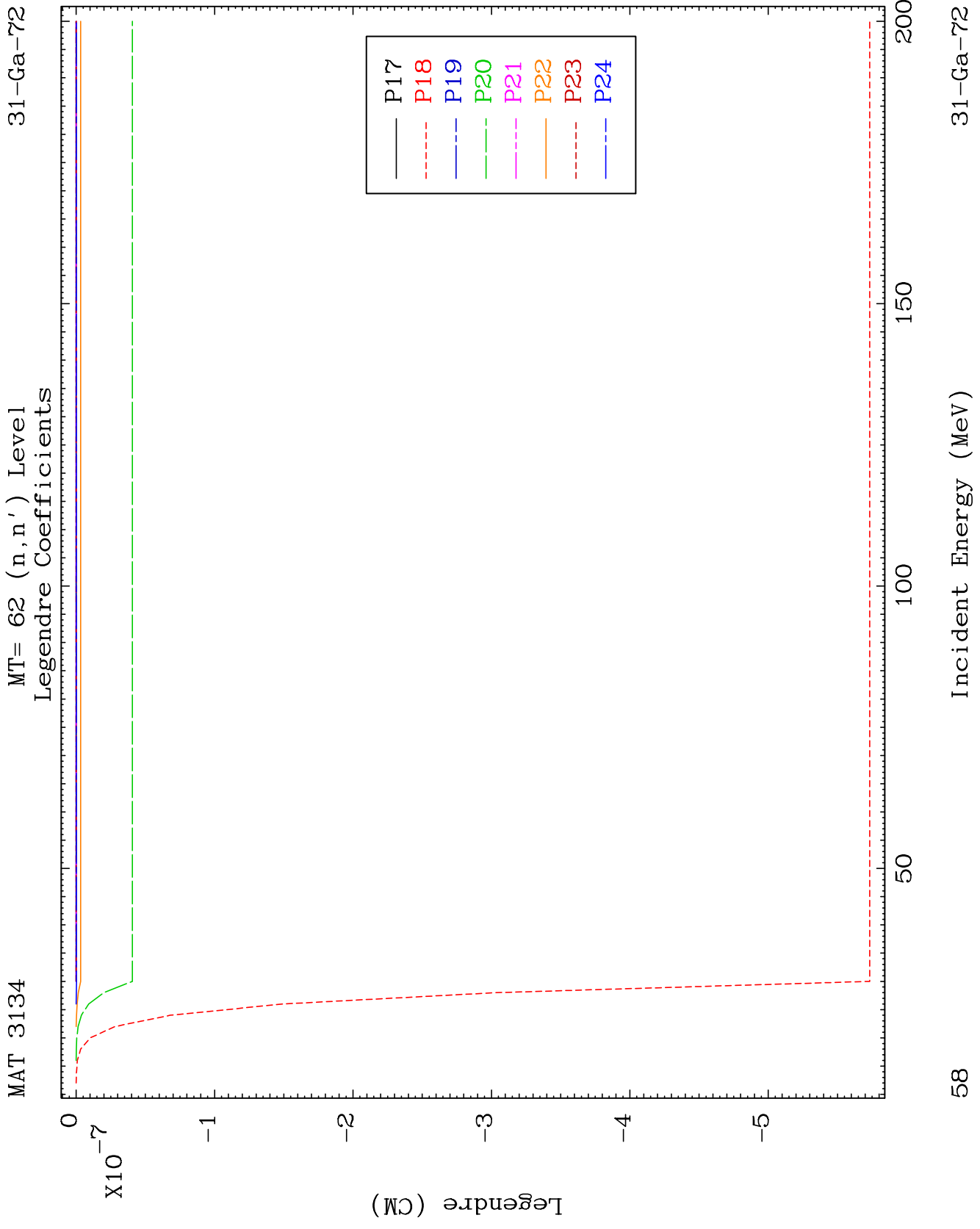
MT= 62 (n,n') Level  
Legendre Coefficients

31-Ga-72



57

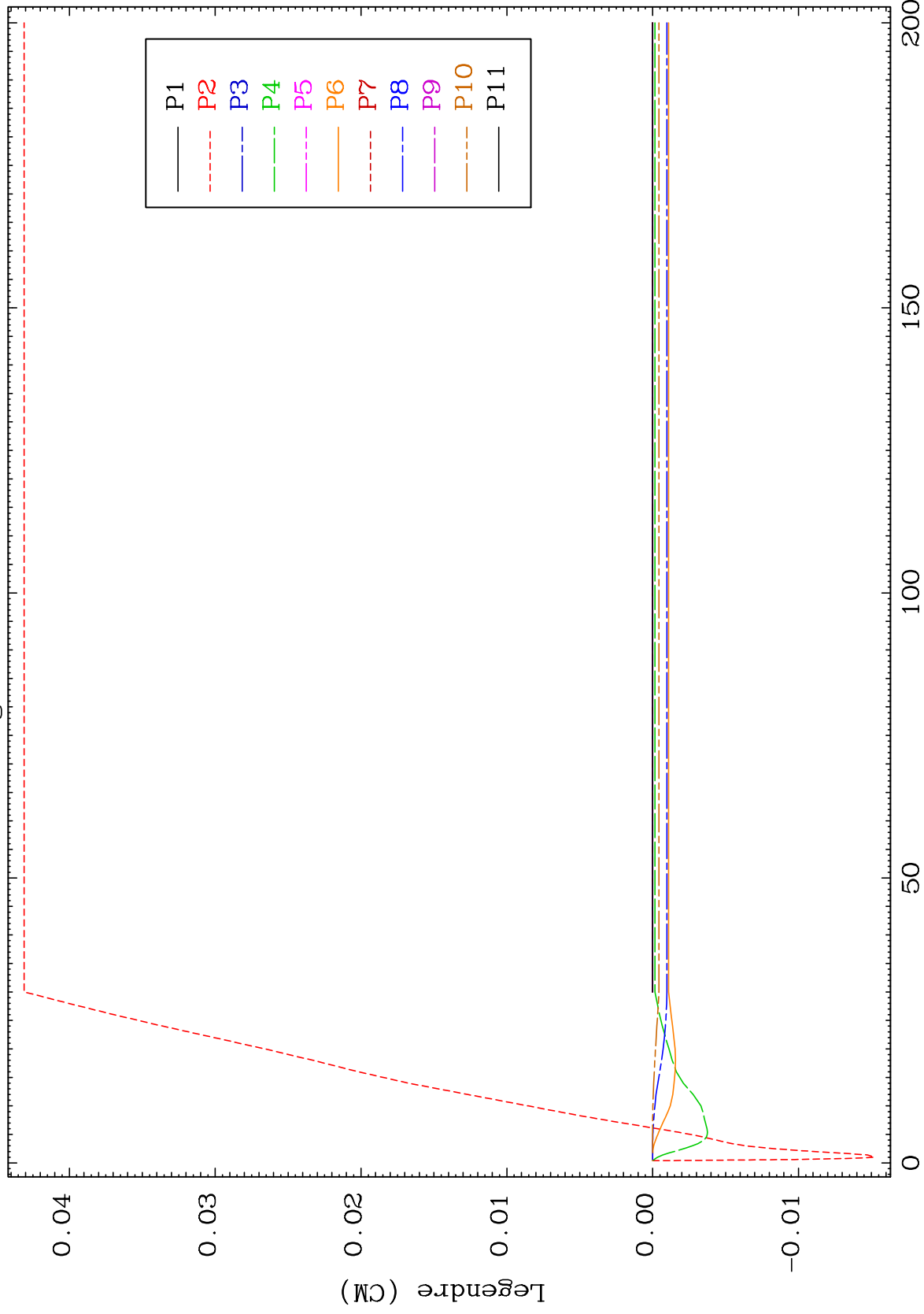
31-Ga-72



MAT 3134

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

31-Ga-72



59

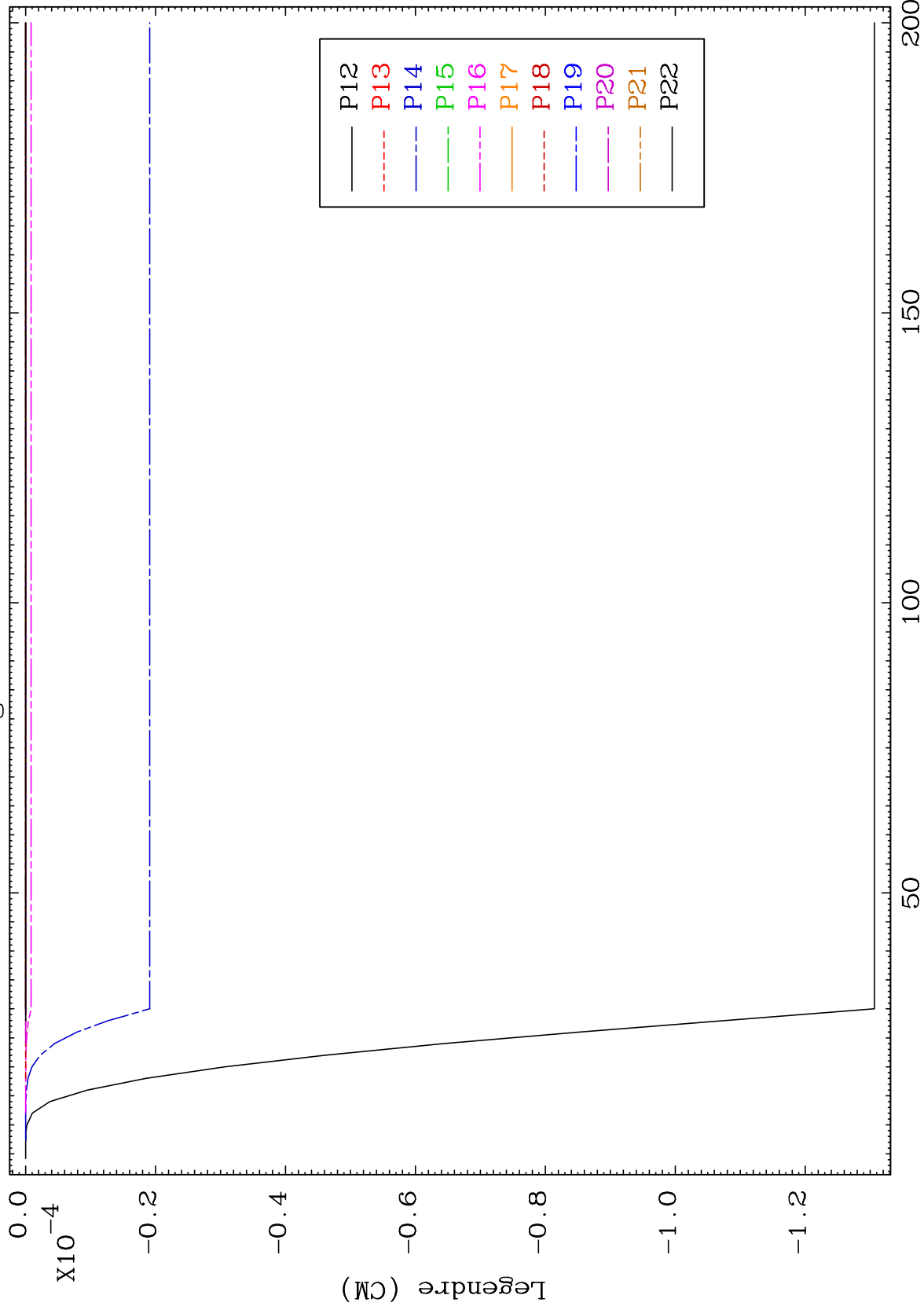
Incident Energy (MeV)

31-Ga-72

MAT 3134

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

31-Ga-72



60

Incident Energy (MeV)

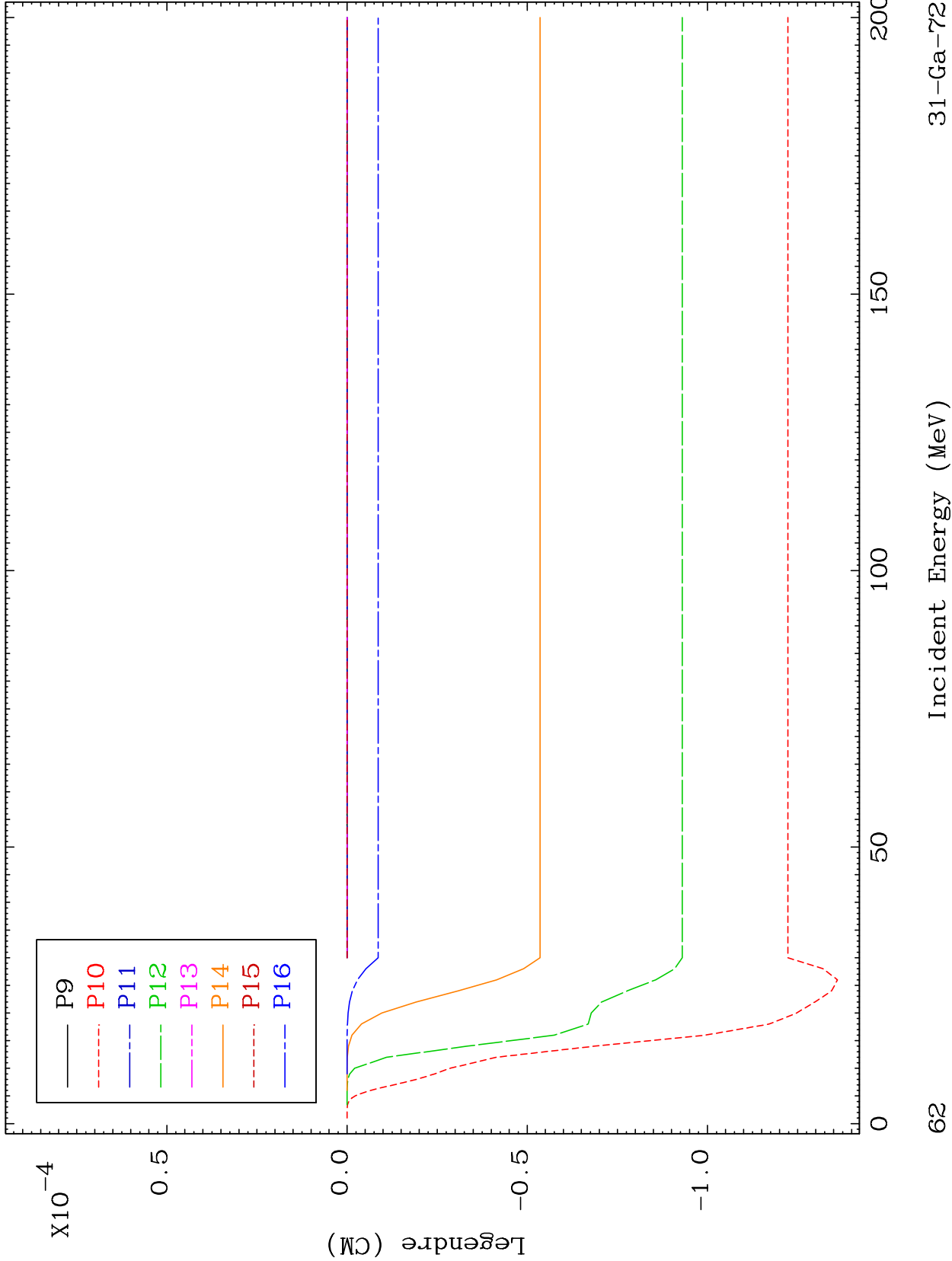
31-Ga-72



MAT 3134

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

31-Ga-72



62

Incident Energy (MeV)

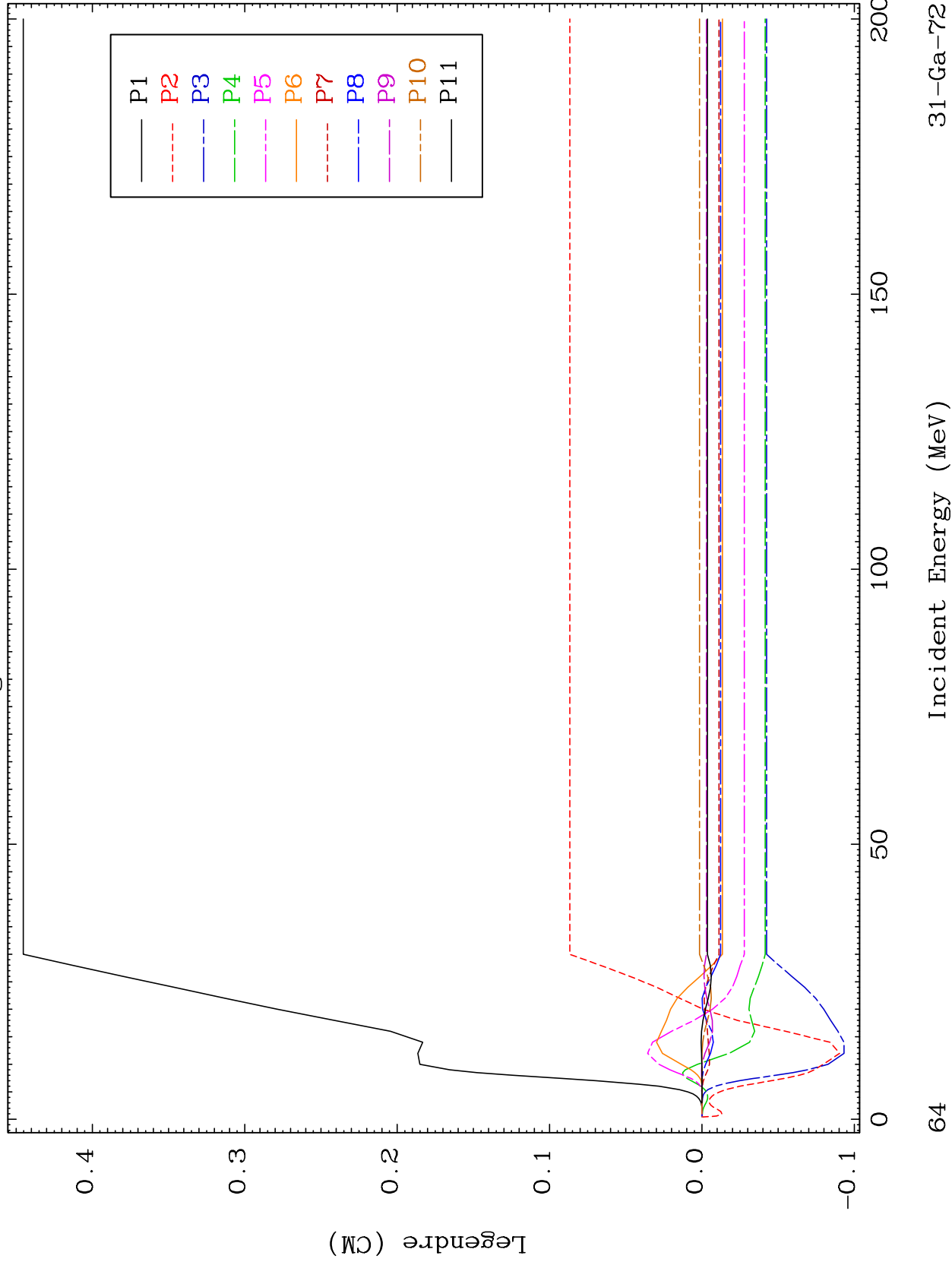
31-Ga-72



MAT 3134

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

<sup>31</sup>Ga-72



<sup>31</sup>Ga-72

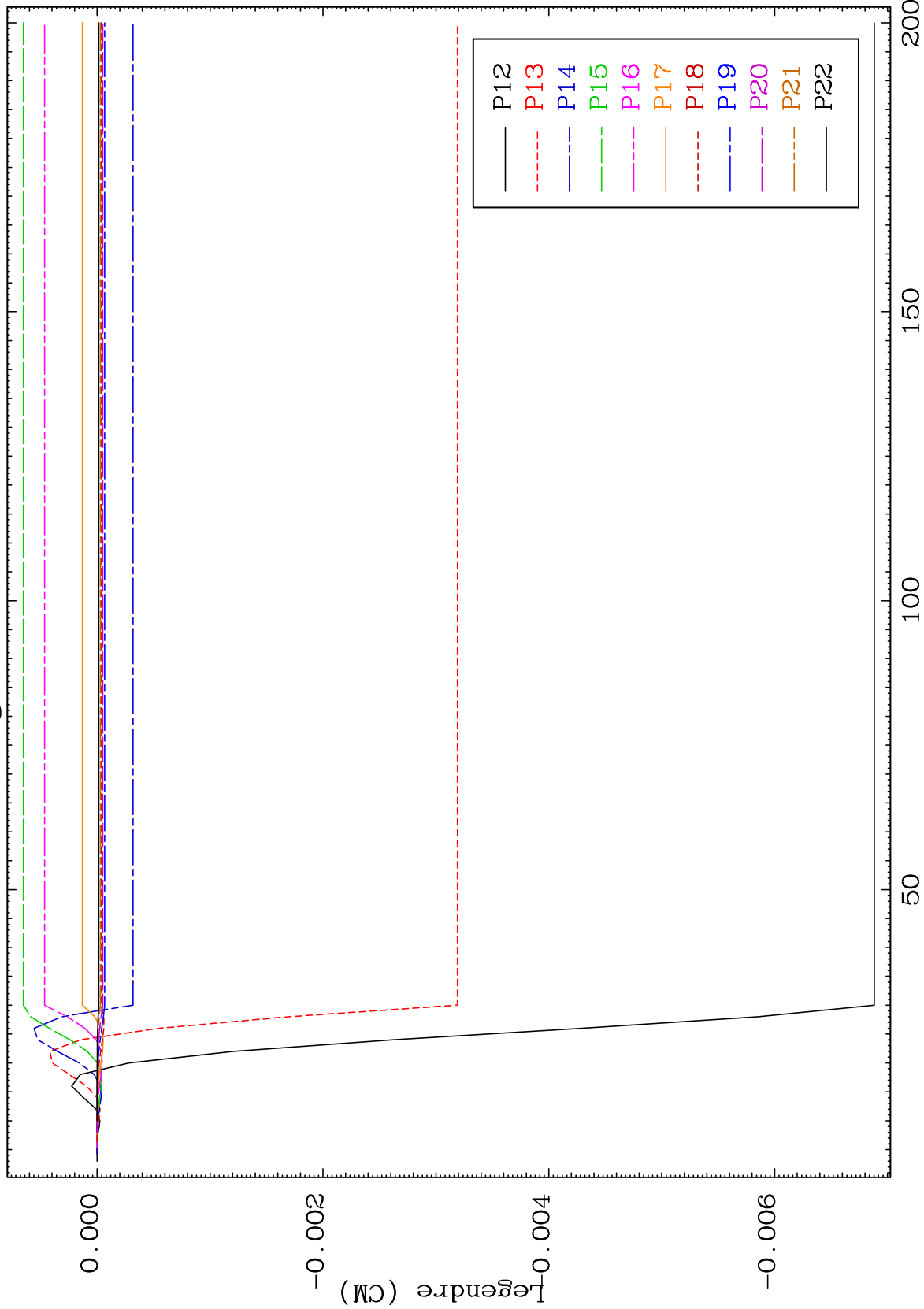
Incident Energy (MeV)

64

MAT 3134

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

31-Ga-72



65

Incident Energy (MeV)

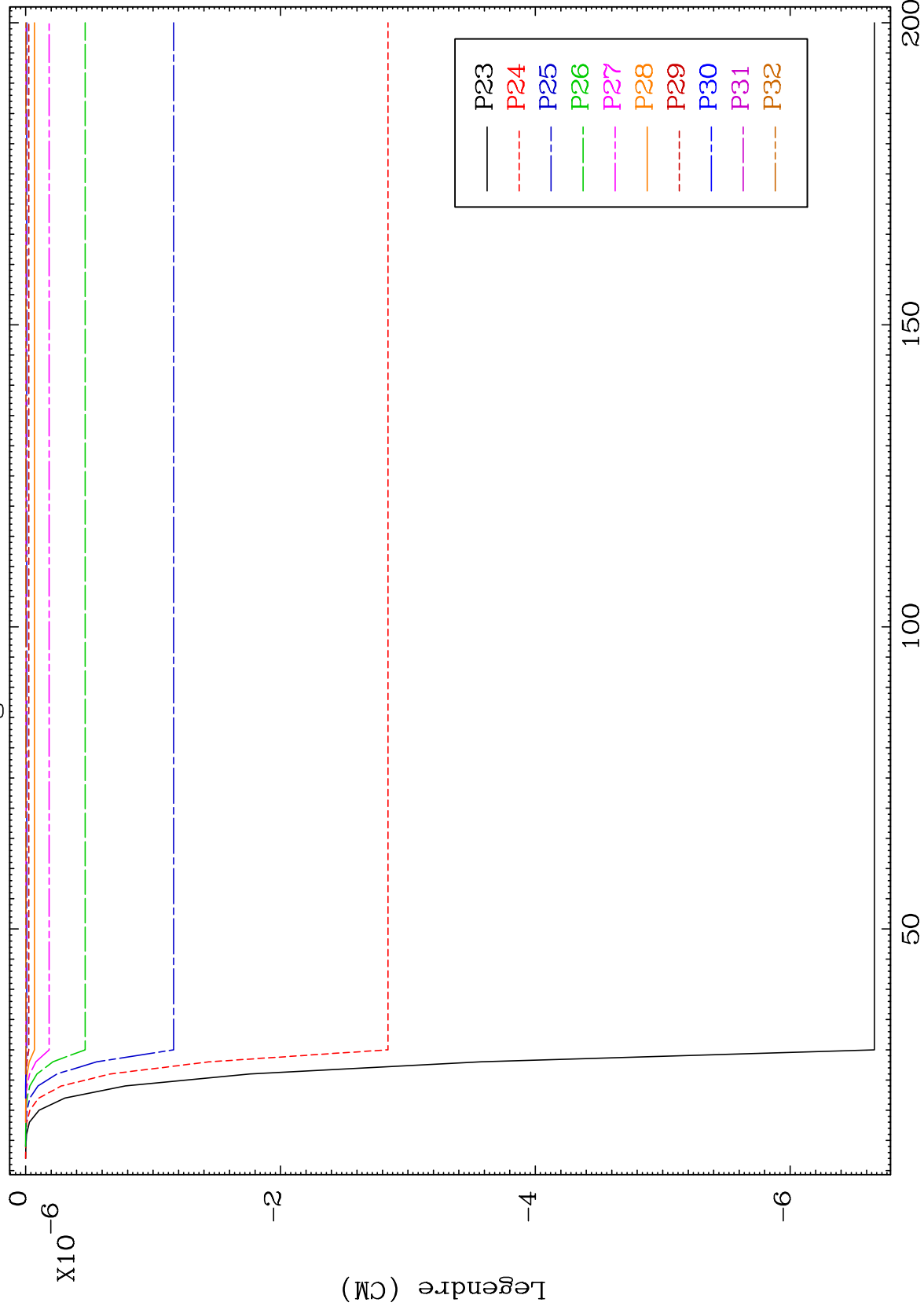
31-Ga-72

MAT 3134

MT= 65 (n,n') Level

31-Ga-72

Legendre Coefficients



66

Incident Energy (MeV)

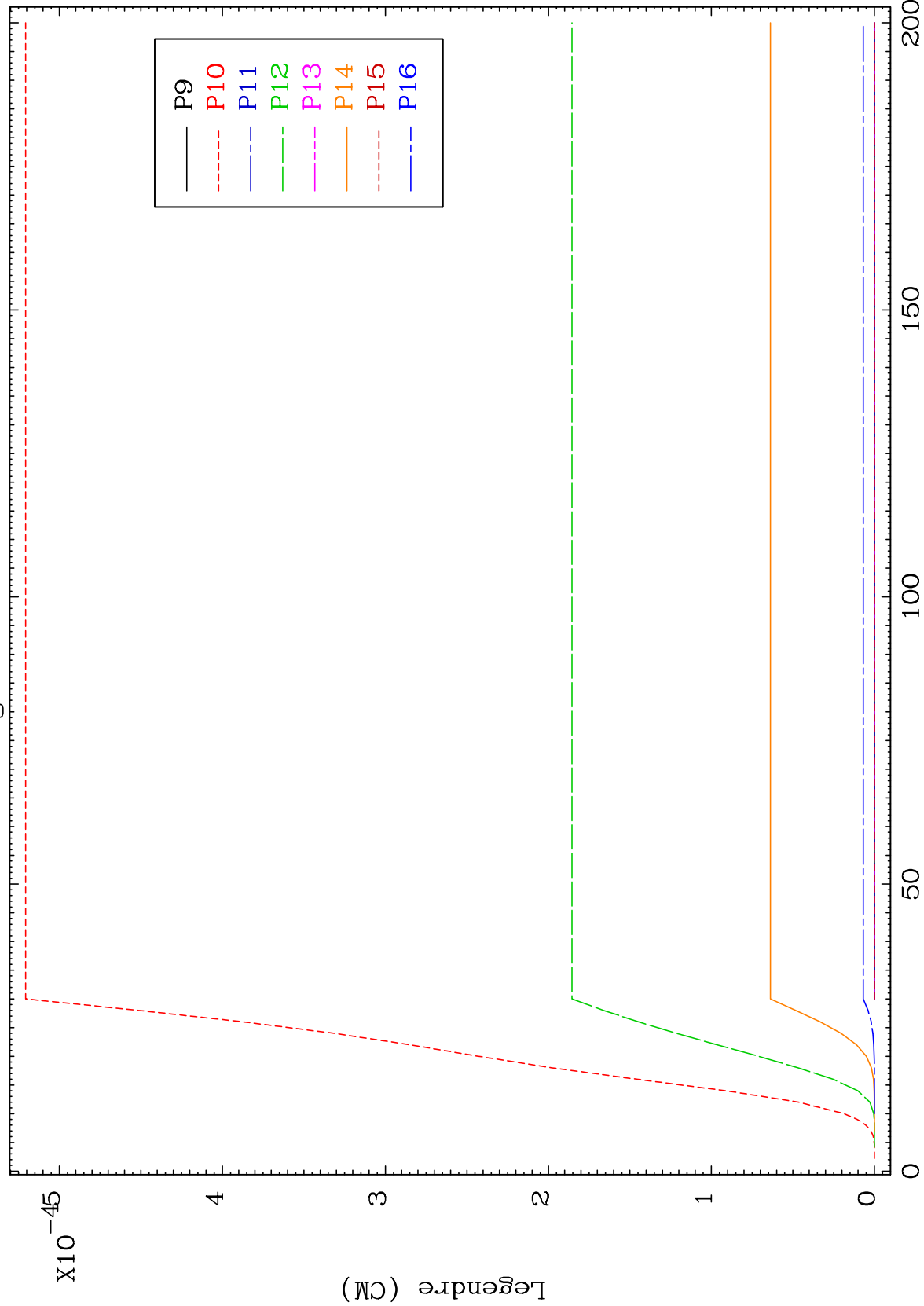
31-Ga-72



MAT 3134

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

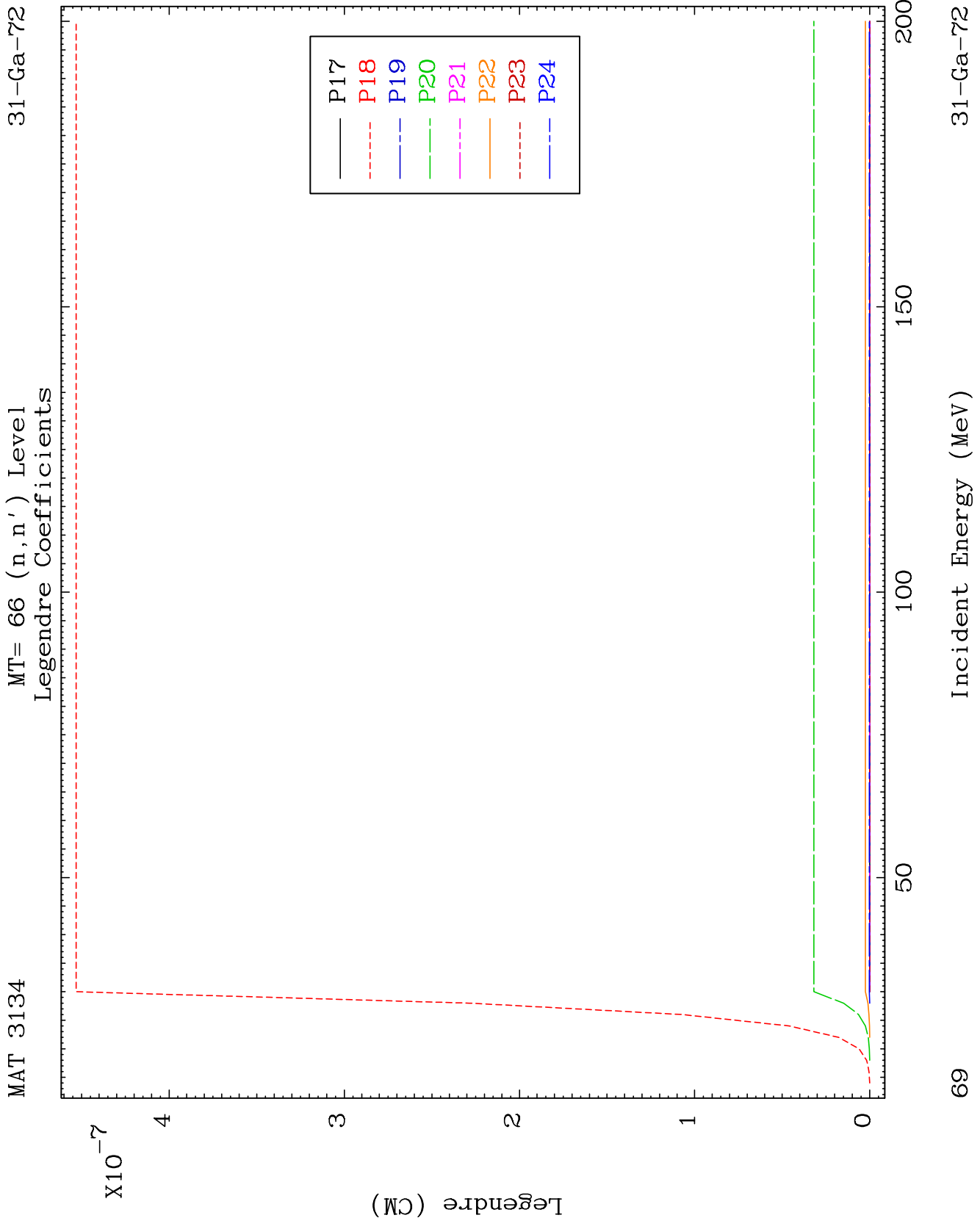
31-Ga-72



68

Incident Energy (MeV)

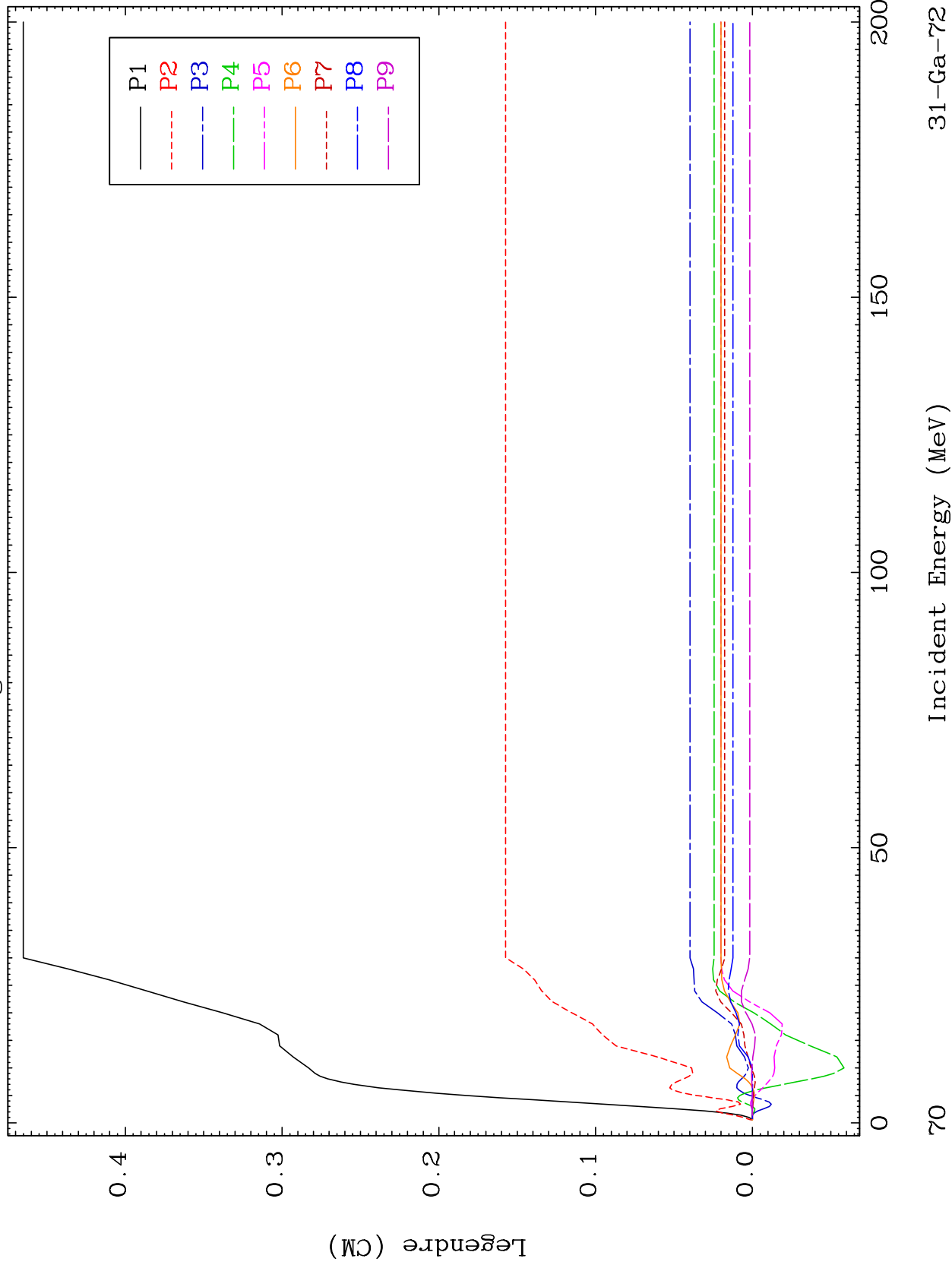
31-Ga-72



MAT 3134

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

31-Ga-72

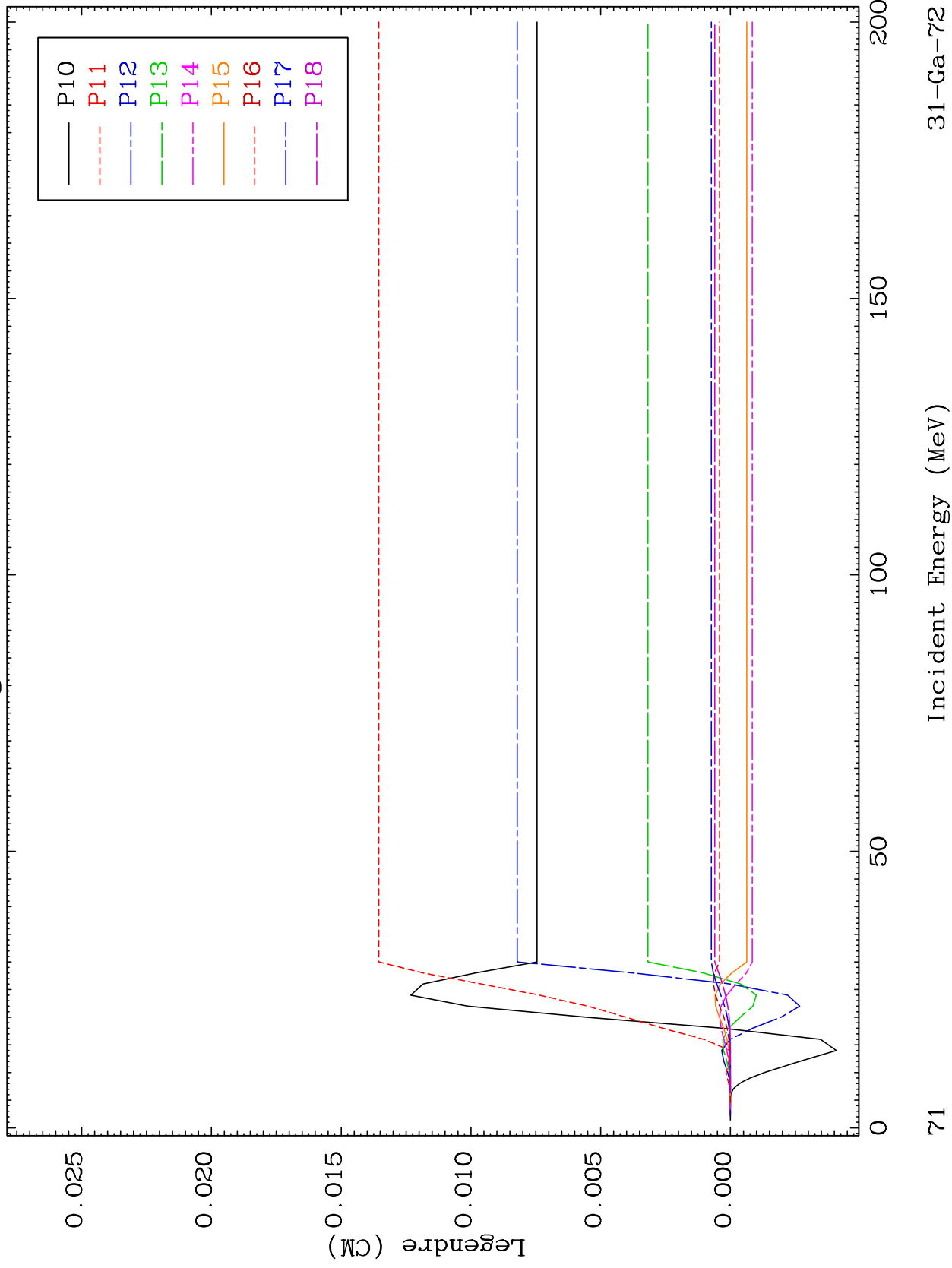


31-Ga-72

MAT 3134

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

31-Ga-72



71

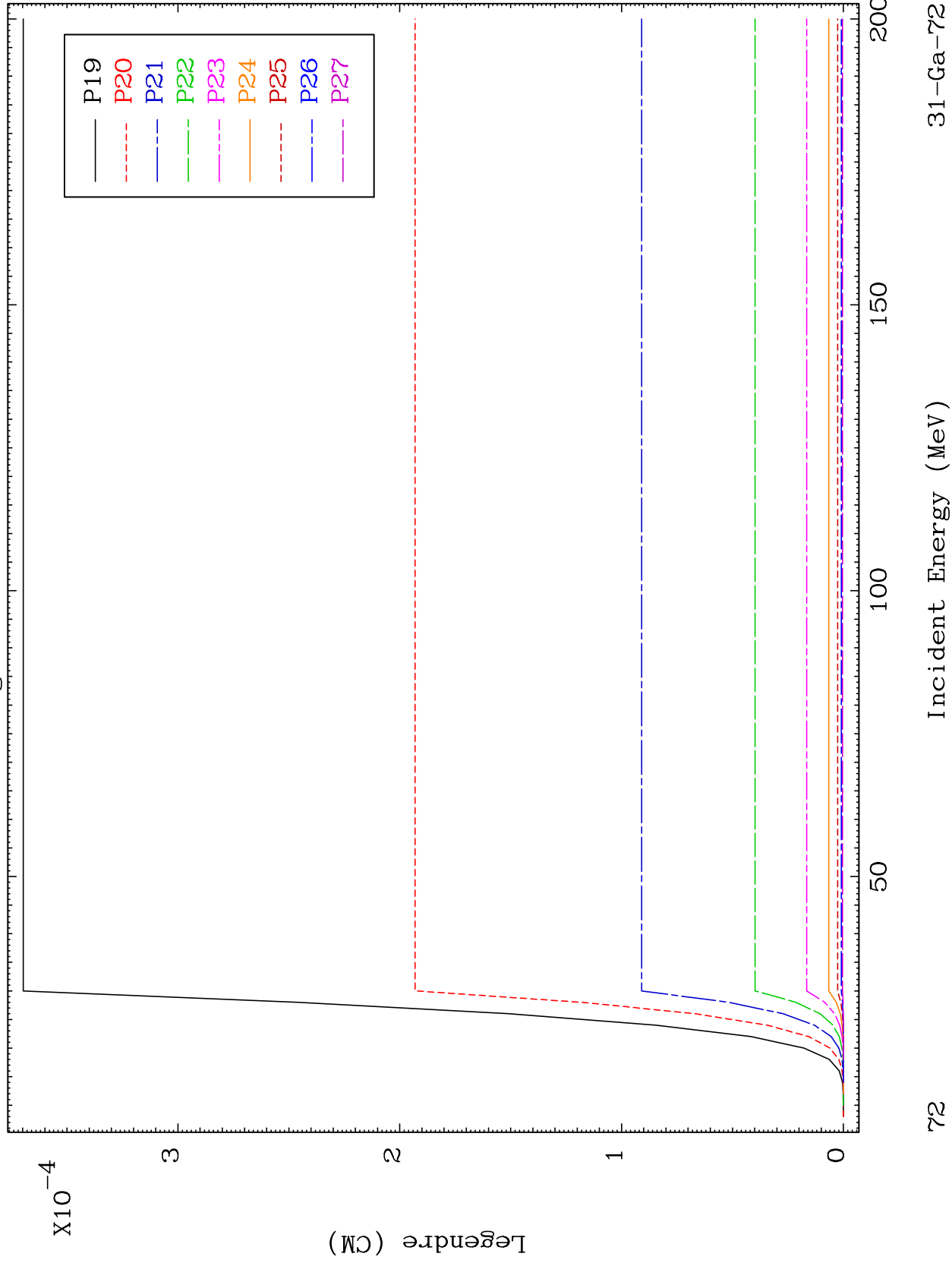
Incident Energy (MeV)

31-Ga-72

MAT 3134

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

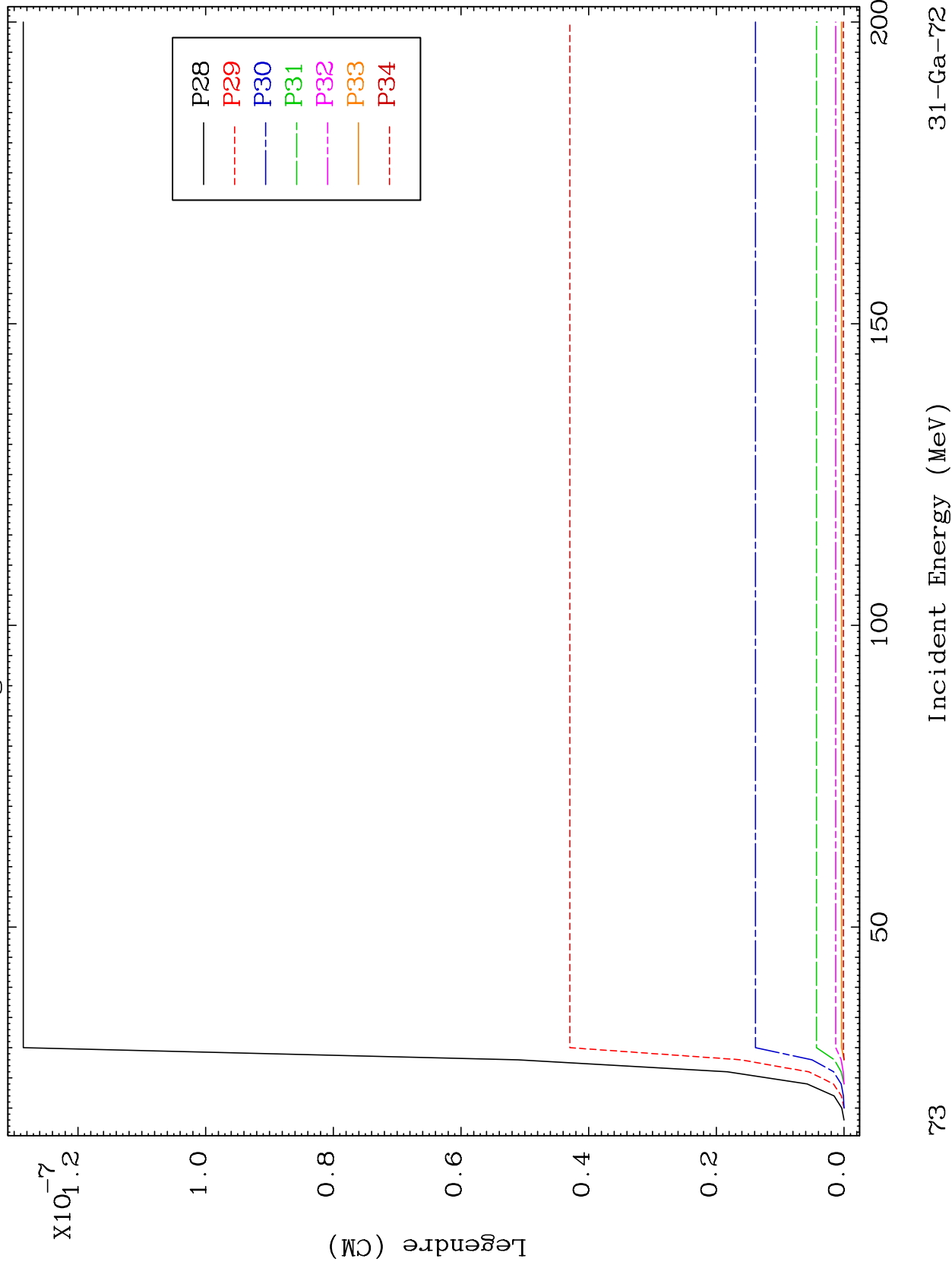
31-Ga-72



MAT 3134

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

31-Ga-72



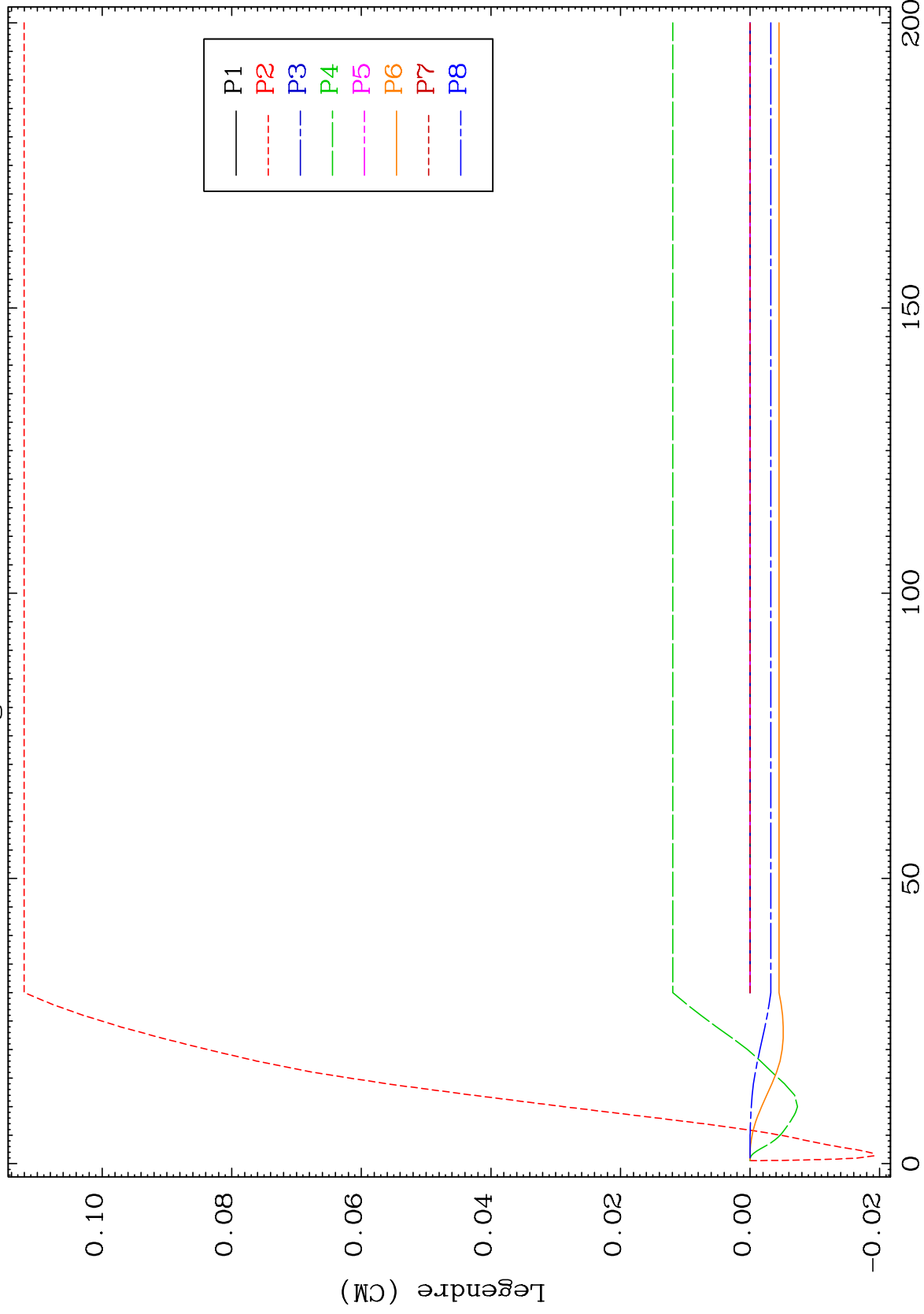
73

31-Ga-72

MAT 3134

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

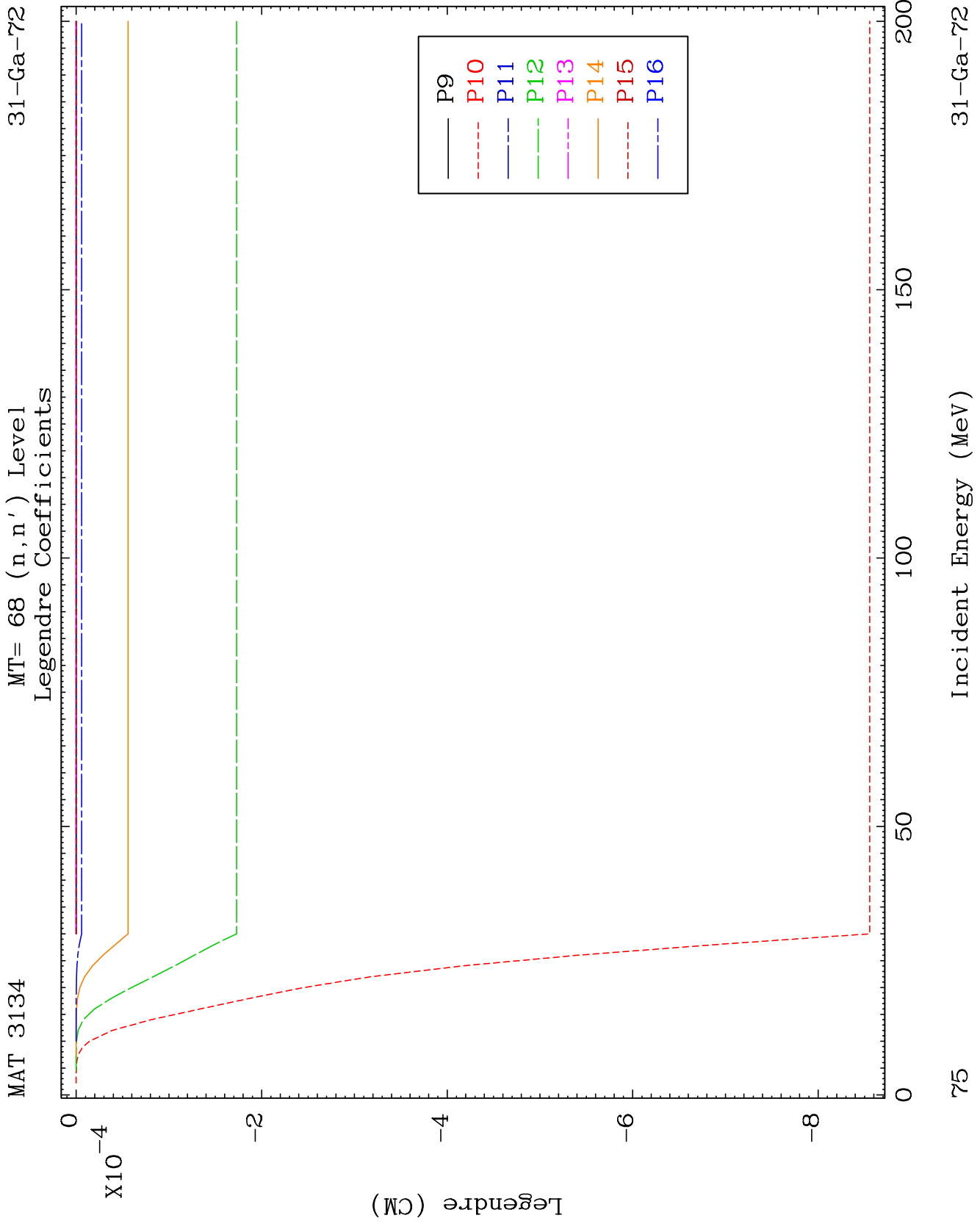
31-Ga-72



74

Incident Energy (MeV)

31-Ga-72

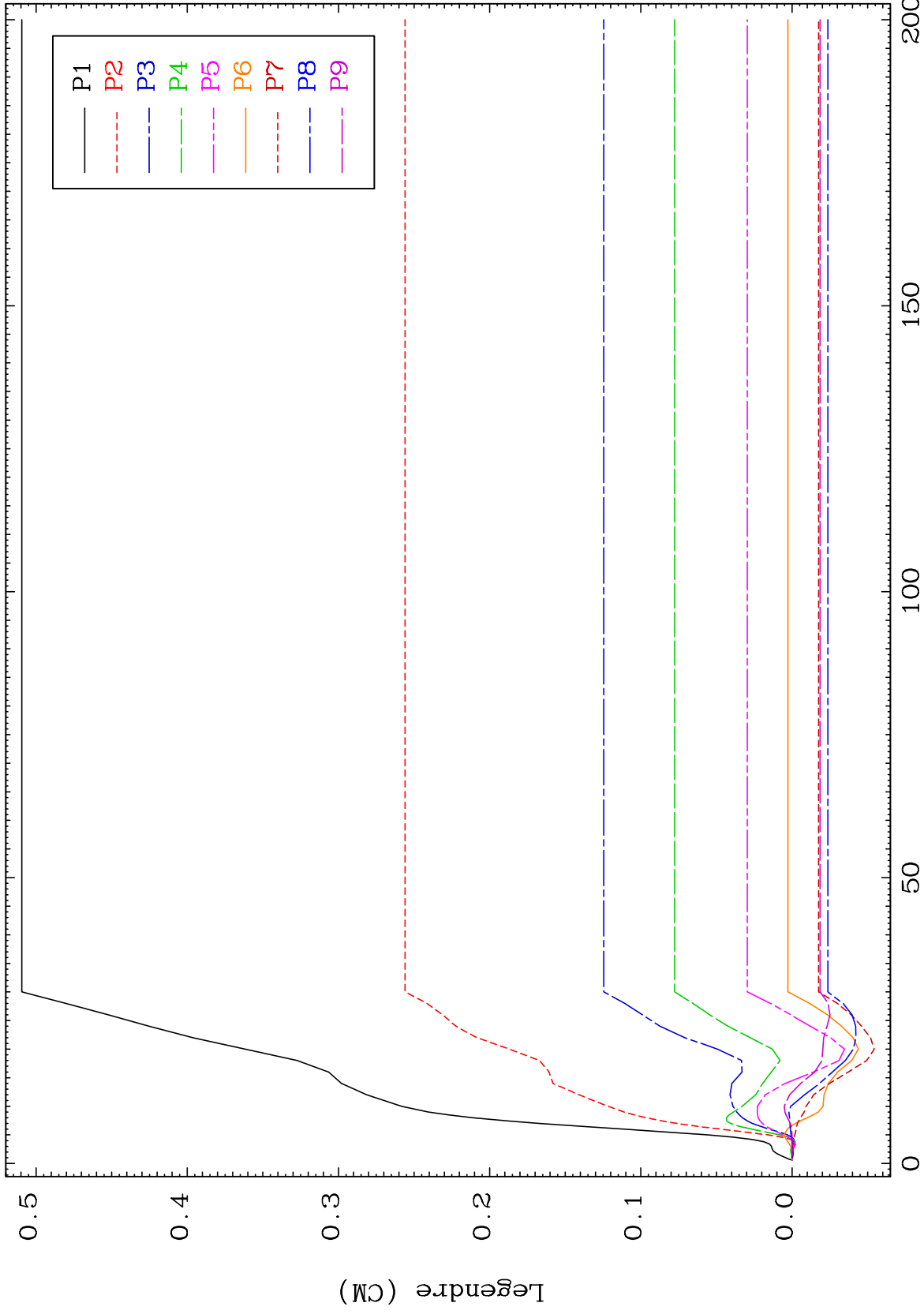




MAT 3134

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

31-Ga-72



77

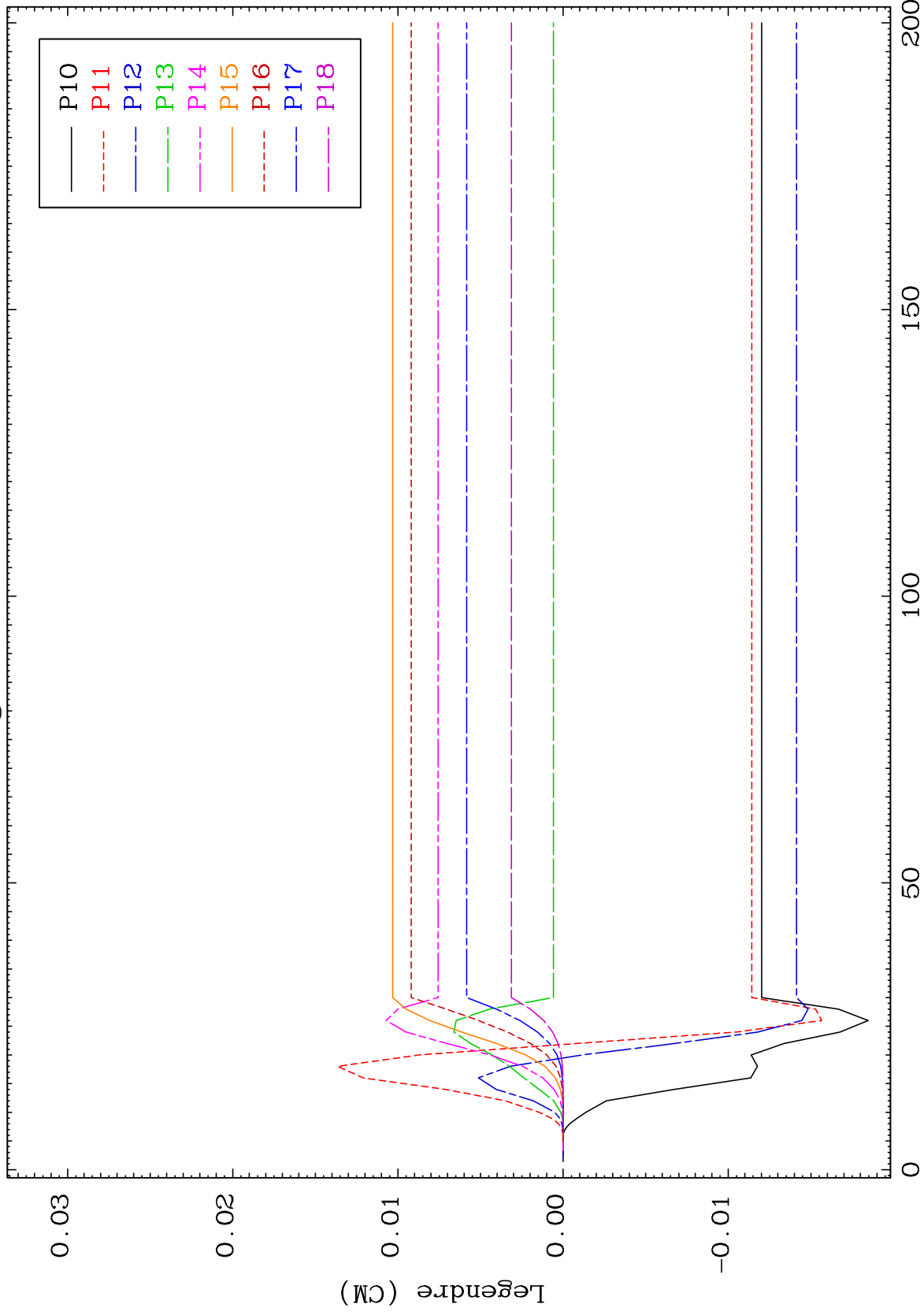
Incident Energy (MeV)

31-Ga-72

MAT 3134

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

<sup>31</sup>Ga-72



78

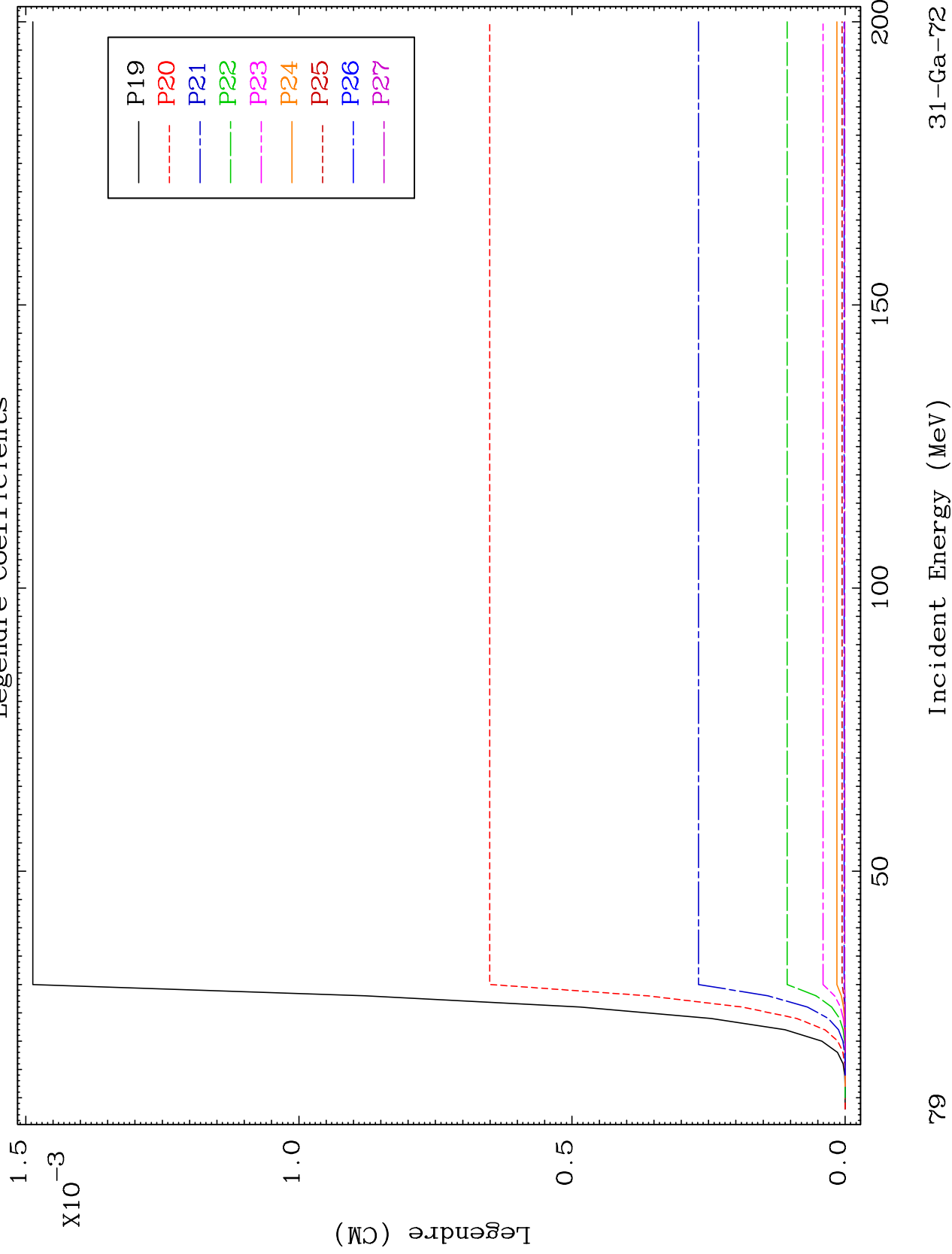
Incident Energy (MeV)

<sup>31</sup>Ga-72

MAT 3134

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

<sup>31</sup>Ga-72



79

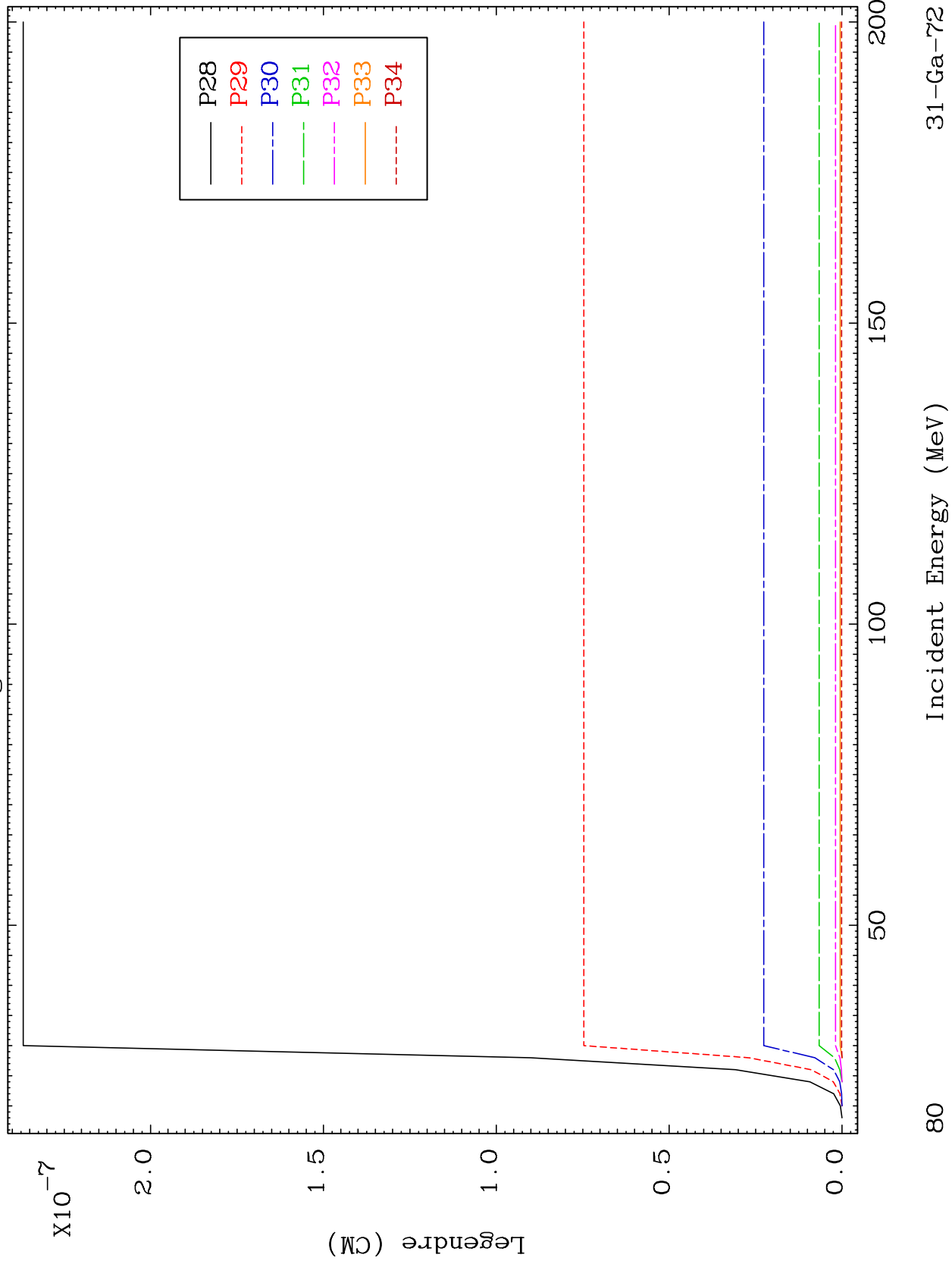
Incident Energy (MeV)

<sup>31</sup>Ga-72

MAT 3134

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

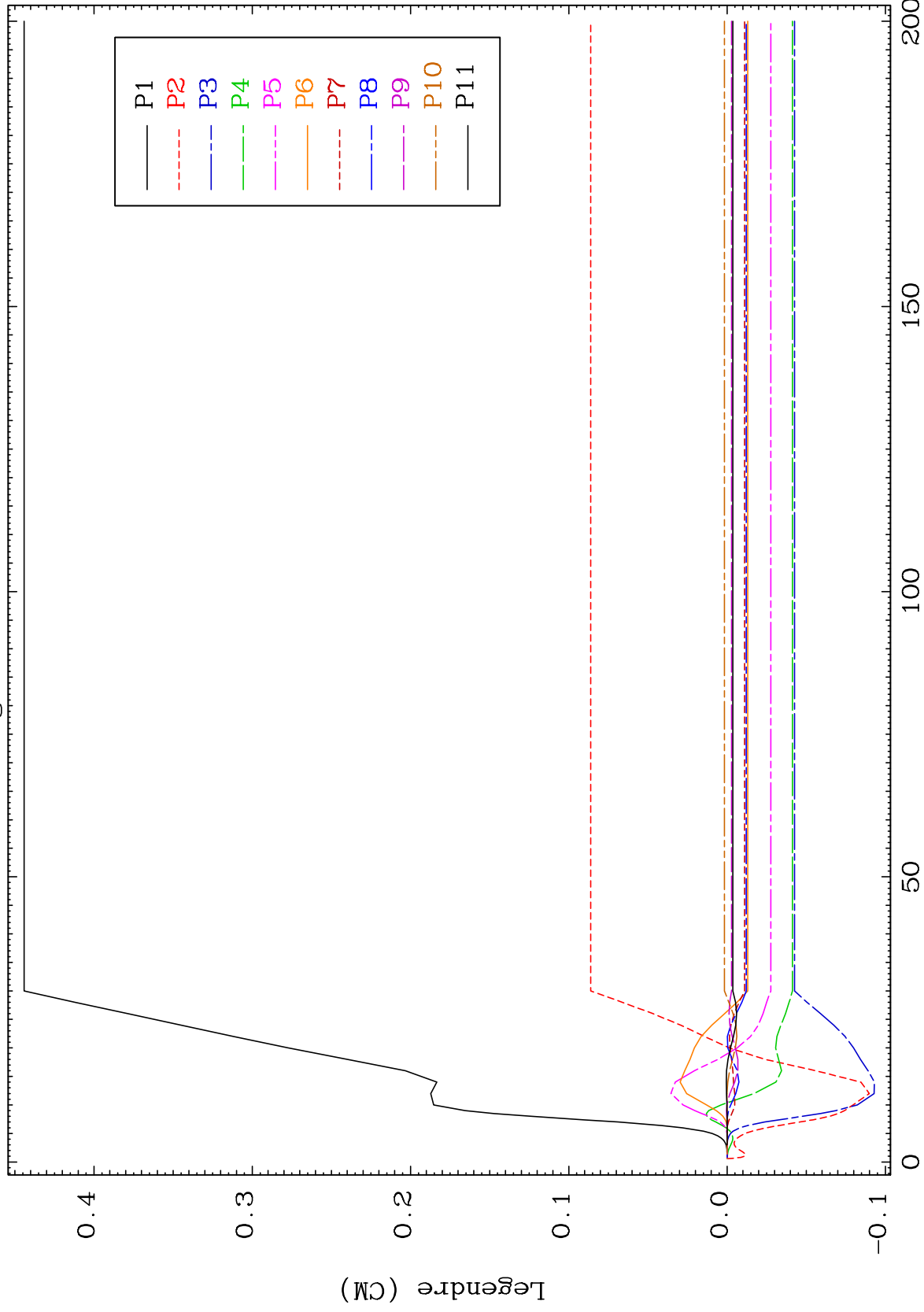
31-Ga-72



MAT 3134

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

<sup>31</sup>Ga-72



81

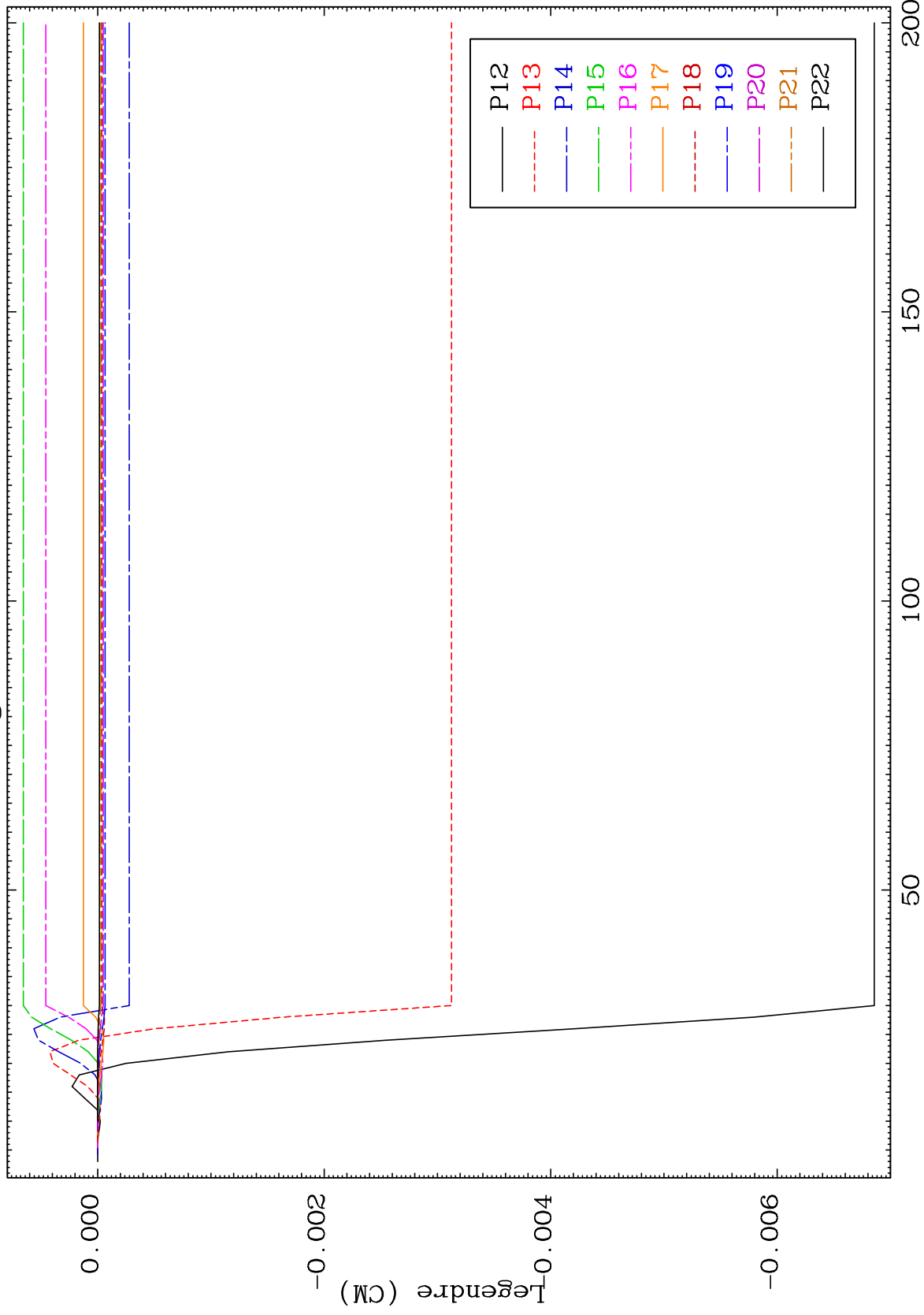
Incident Energy (MeV)

<sup>31</sup>Ga-72

MAT 3134

31-Ga-72

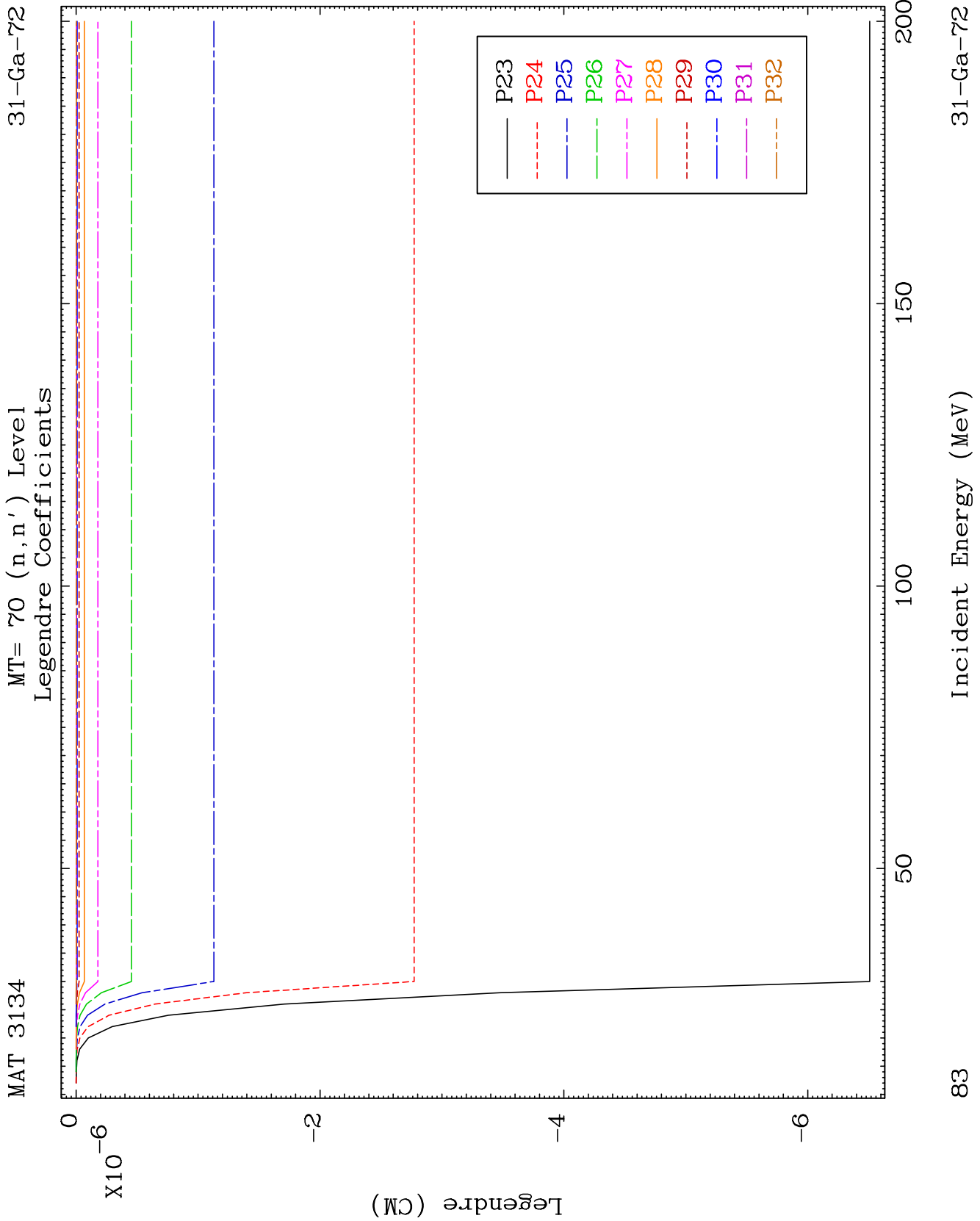
MT= 70 (n,n') Level  
Legendre Coefficients



82

Incident Energy (MeV)

31-Ga-72

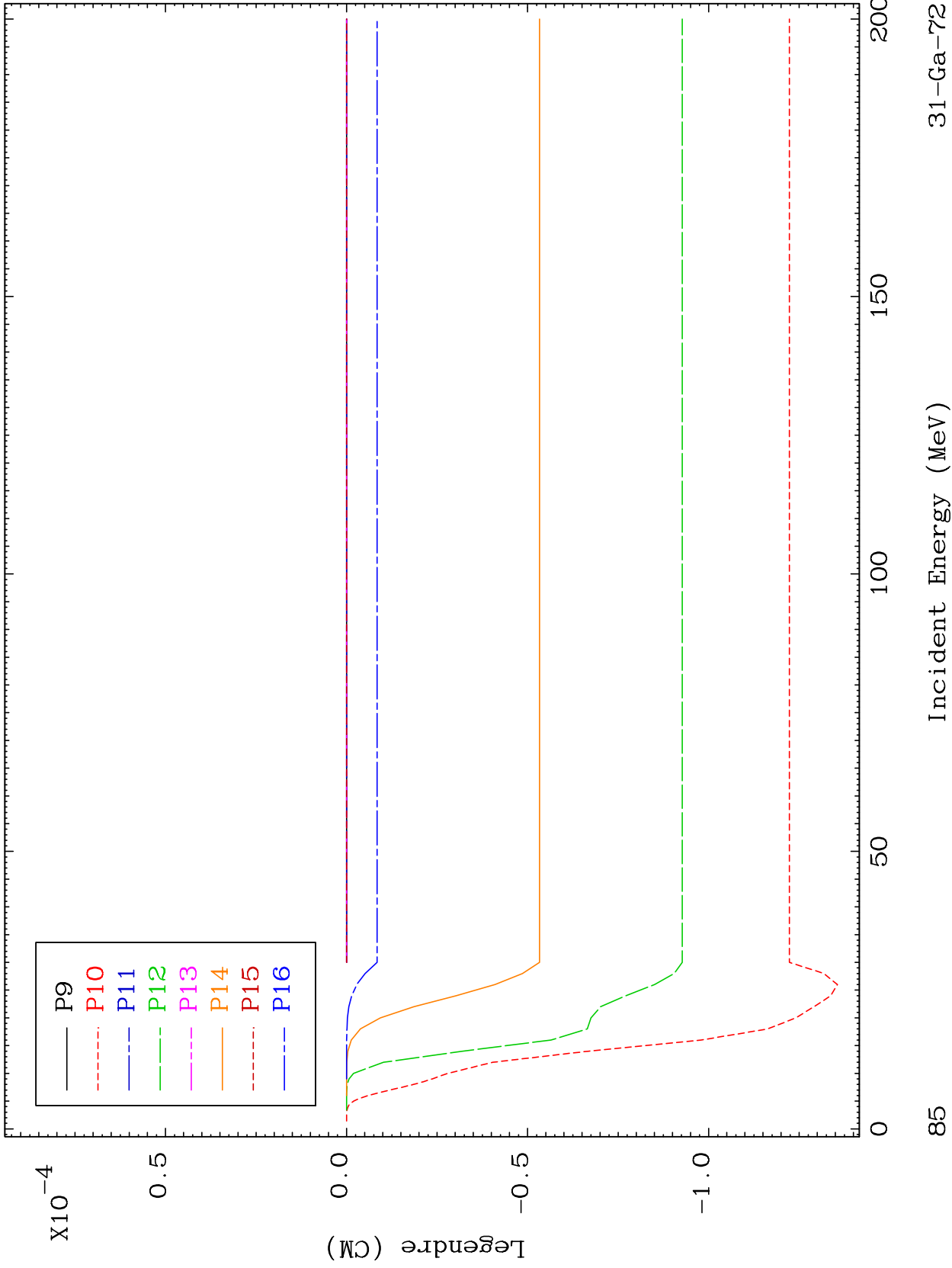




MAT 3134

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

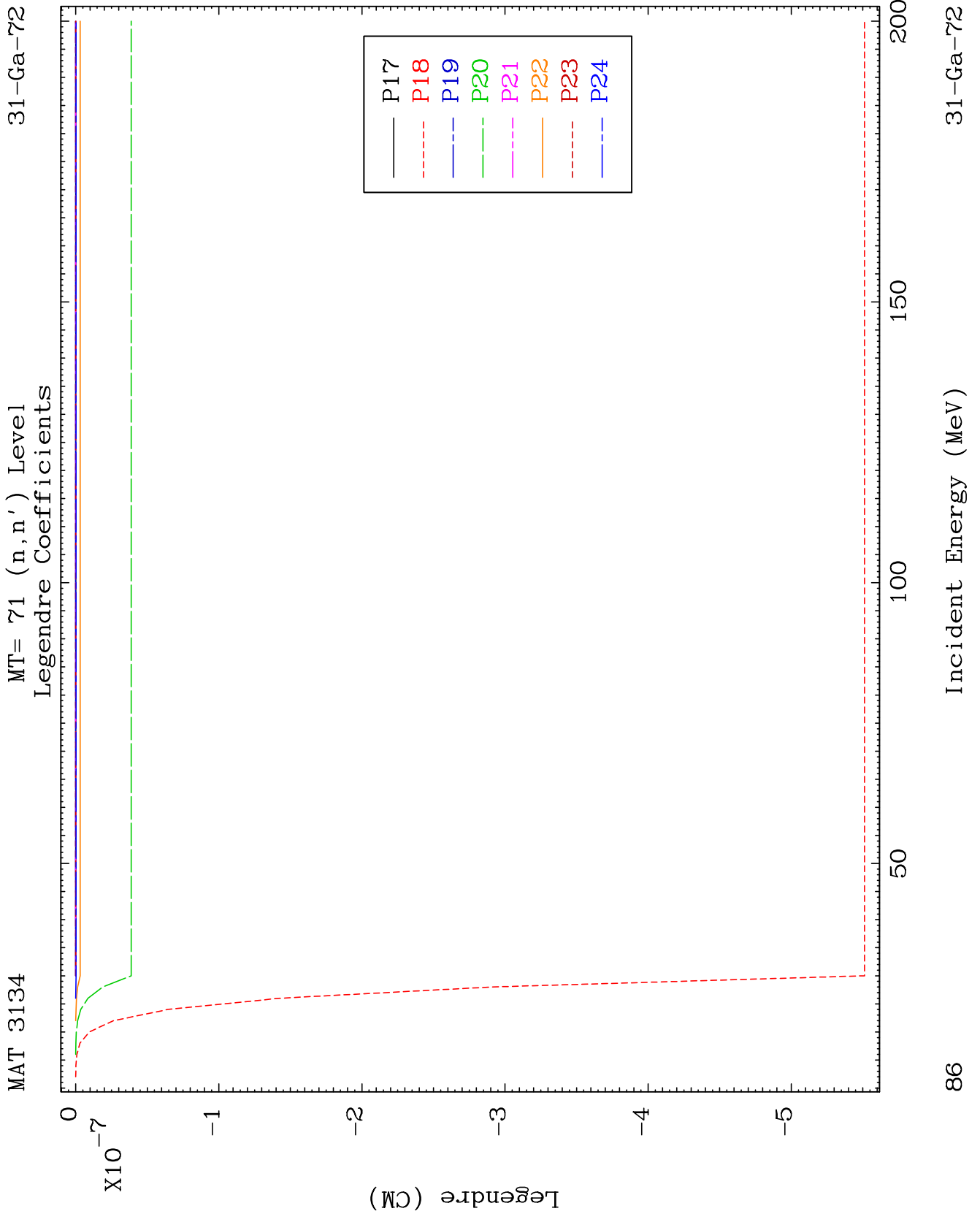
31-Ga-72



85

Incident Energy (MeV)

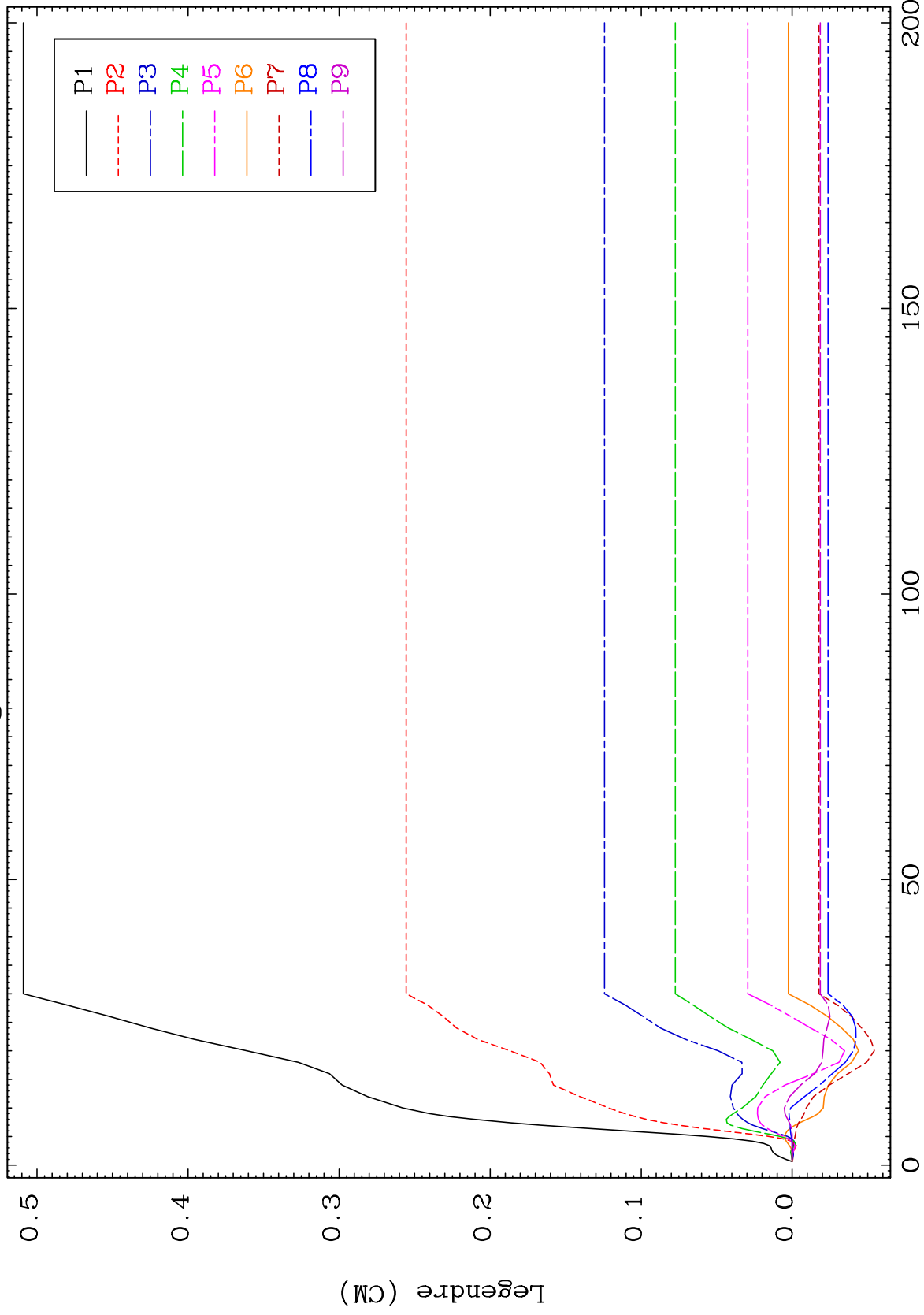
31-Ga-72



MAT 3134

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

31-Ga-72



87

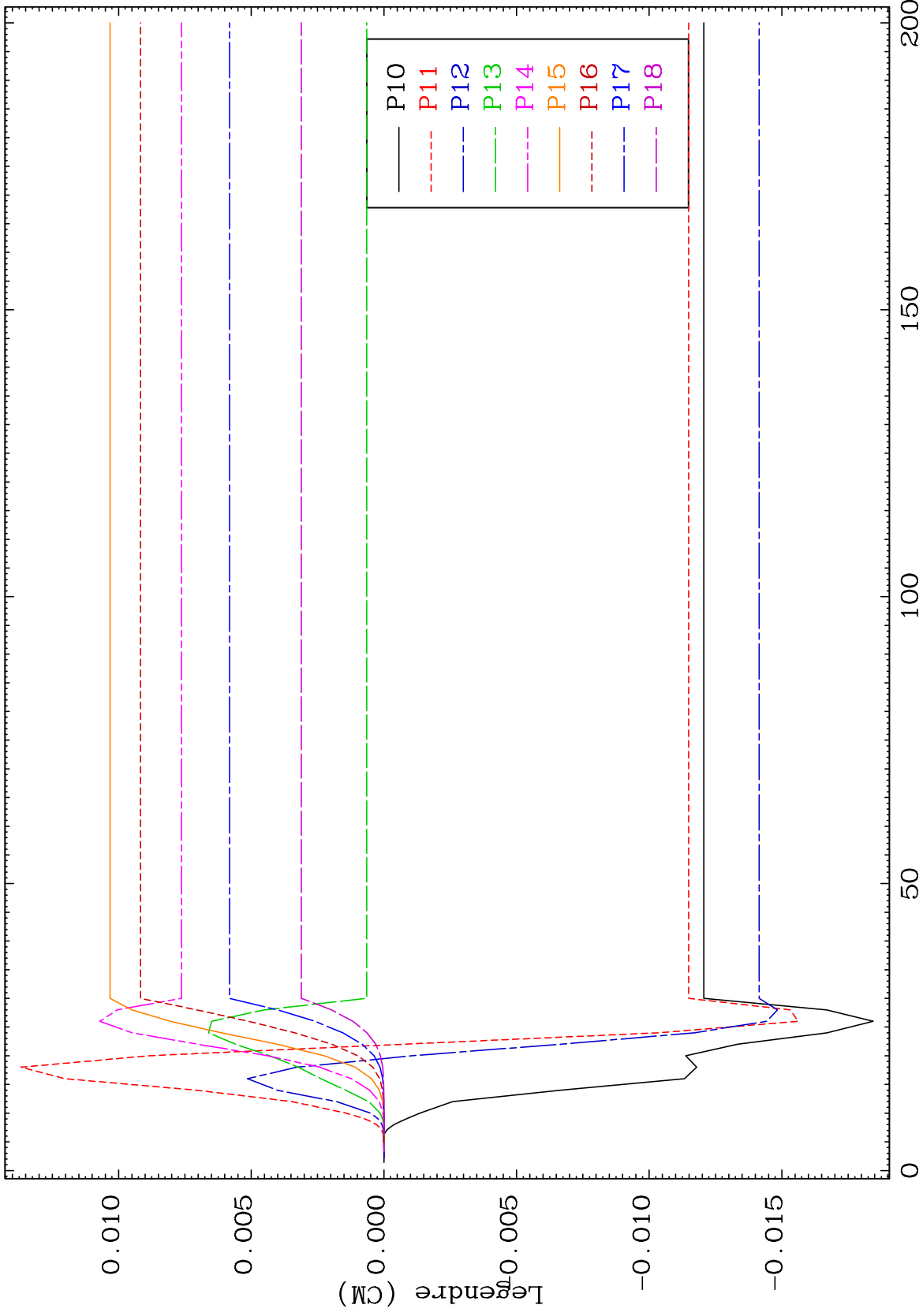
Incident Energy (MeV)

31-Ga-72

MAT 3134

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

31-Ga-72



88

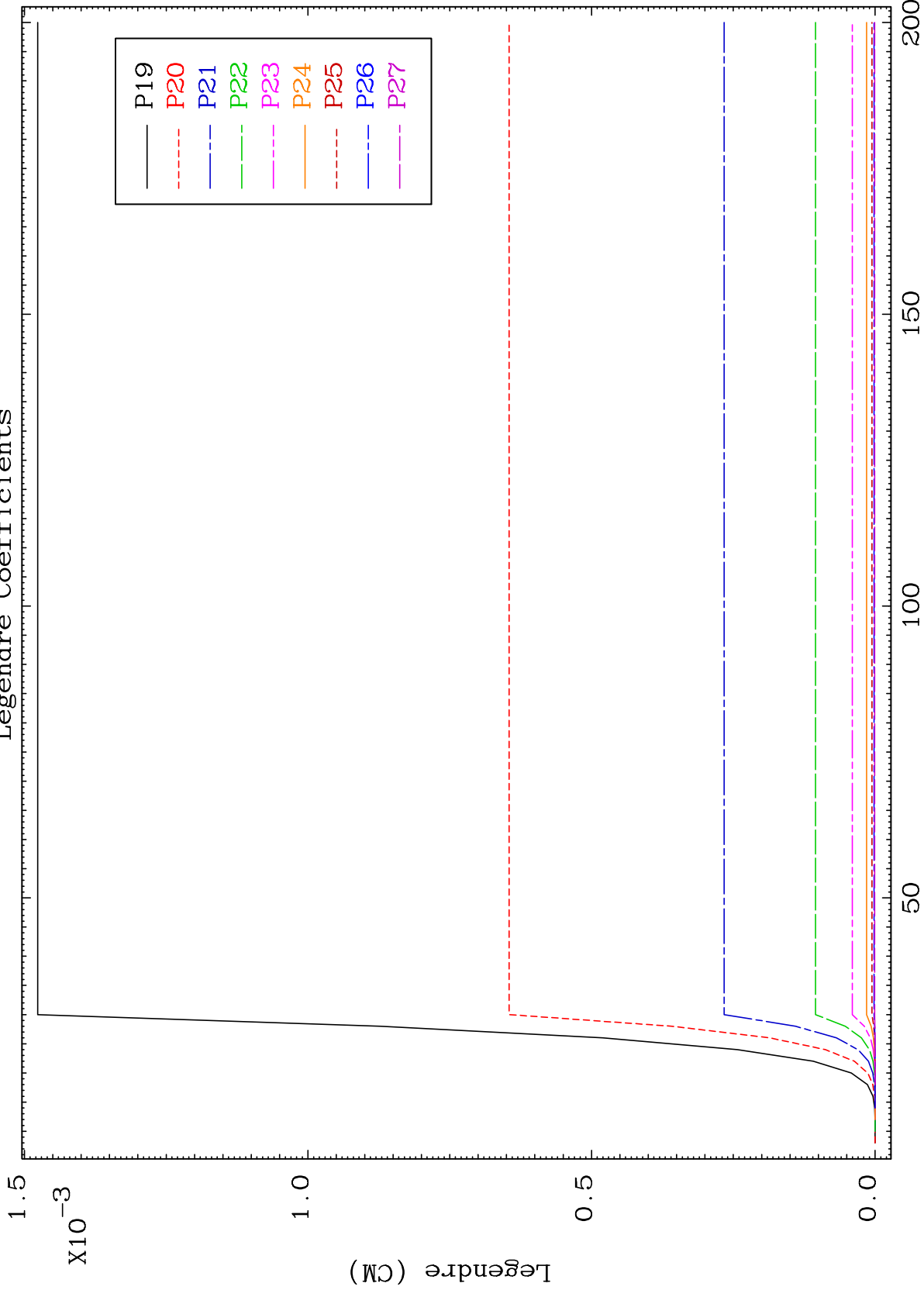
Incident Energy (MeV)

31-Ga-72

MAT 3134

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

31-Ga-72



89

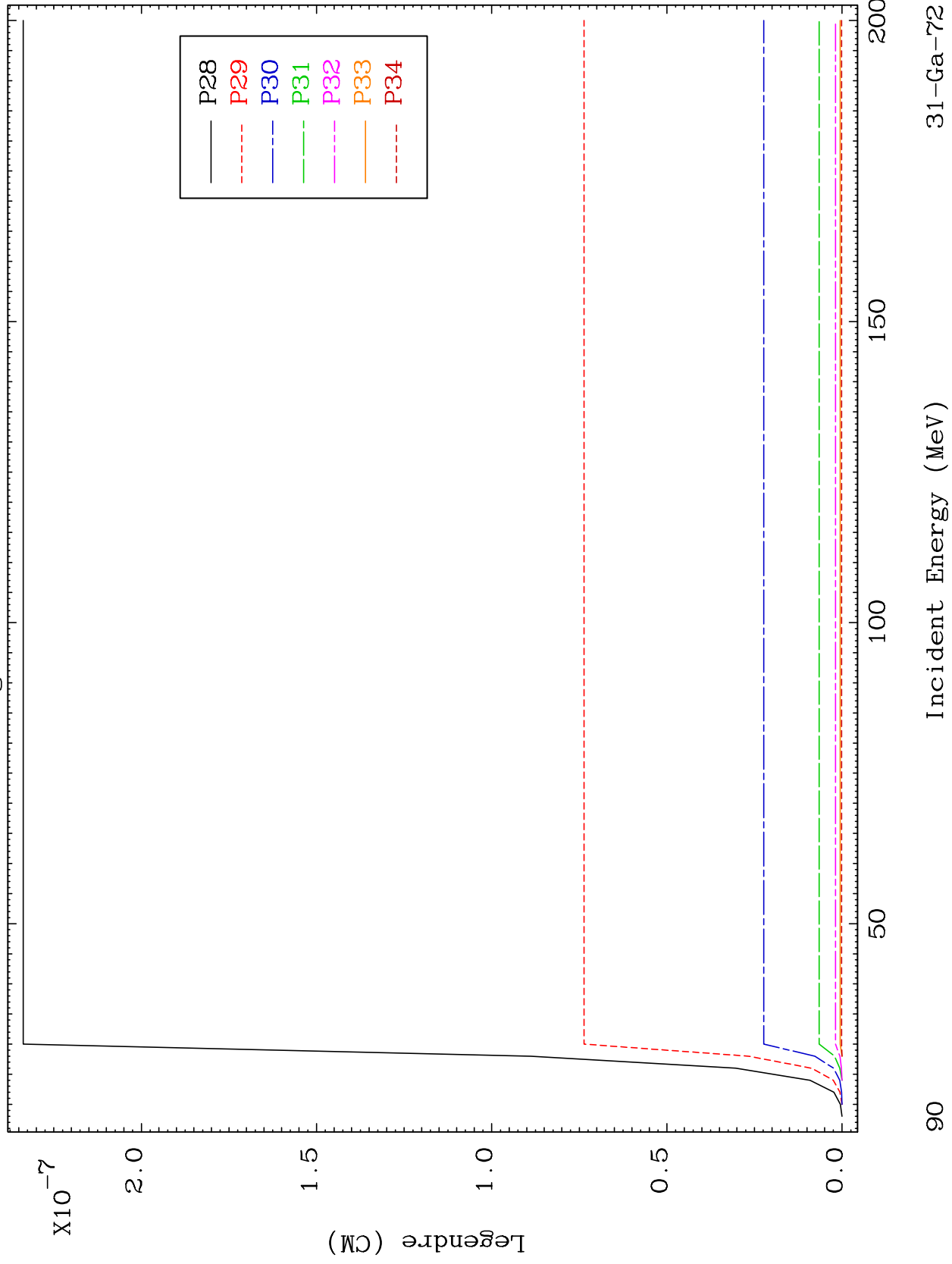
Incident Energy (MeV)

31-Ga-72

MAT 3134

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

31-Ga-72

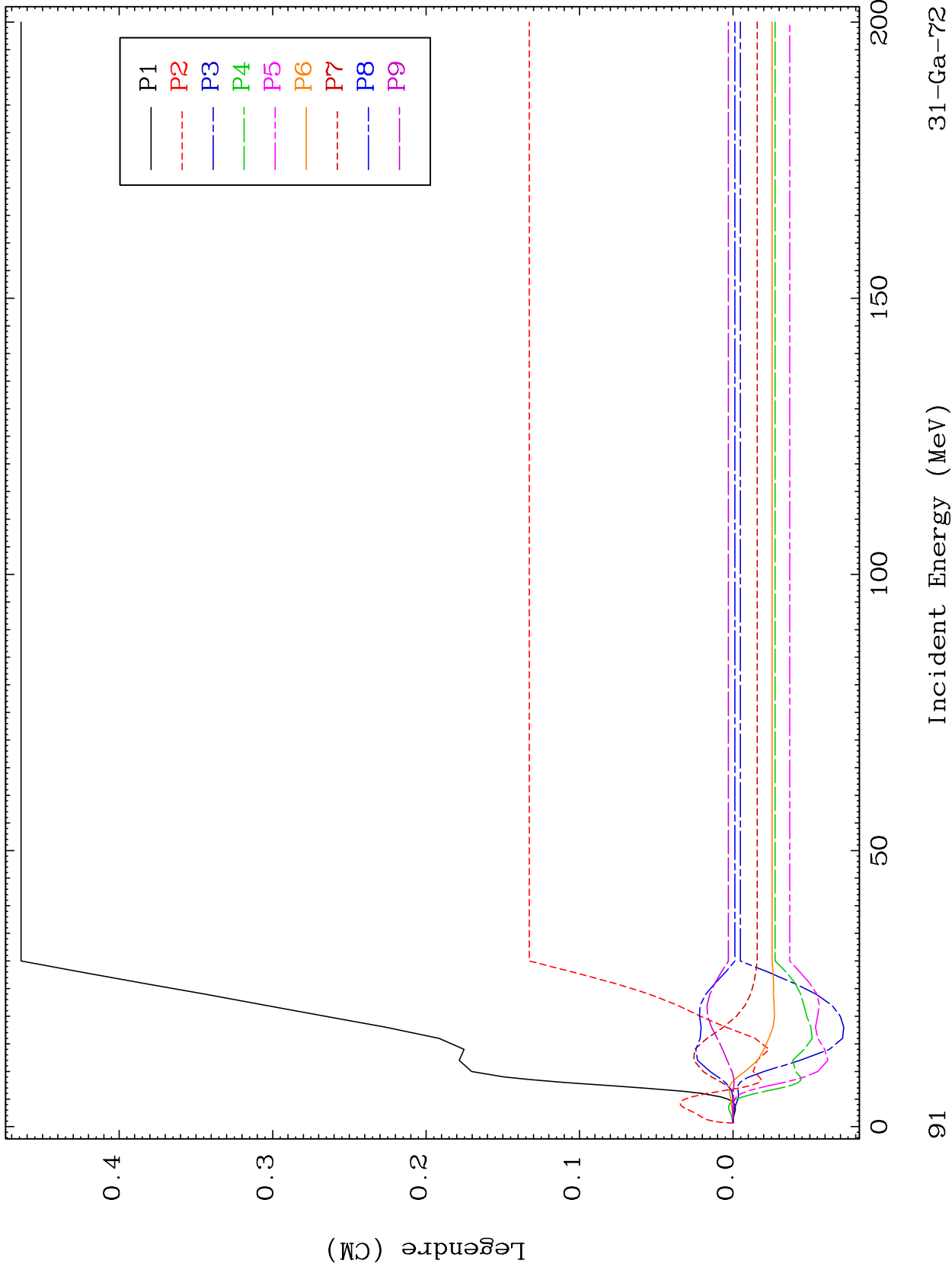


31-Ga-72

MAT 3134

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

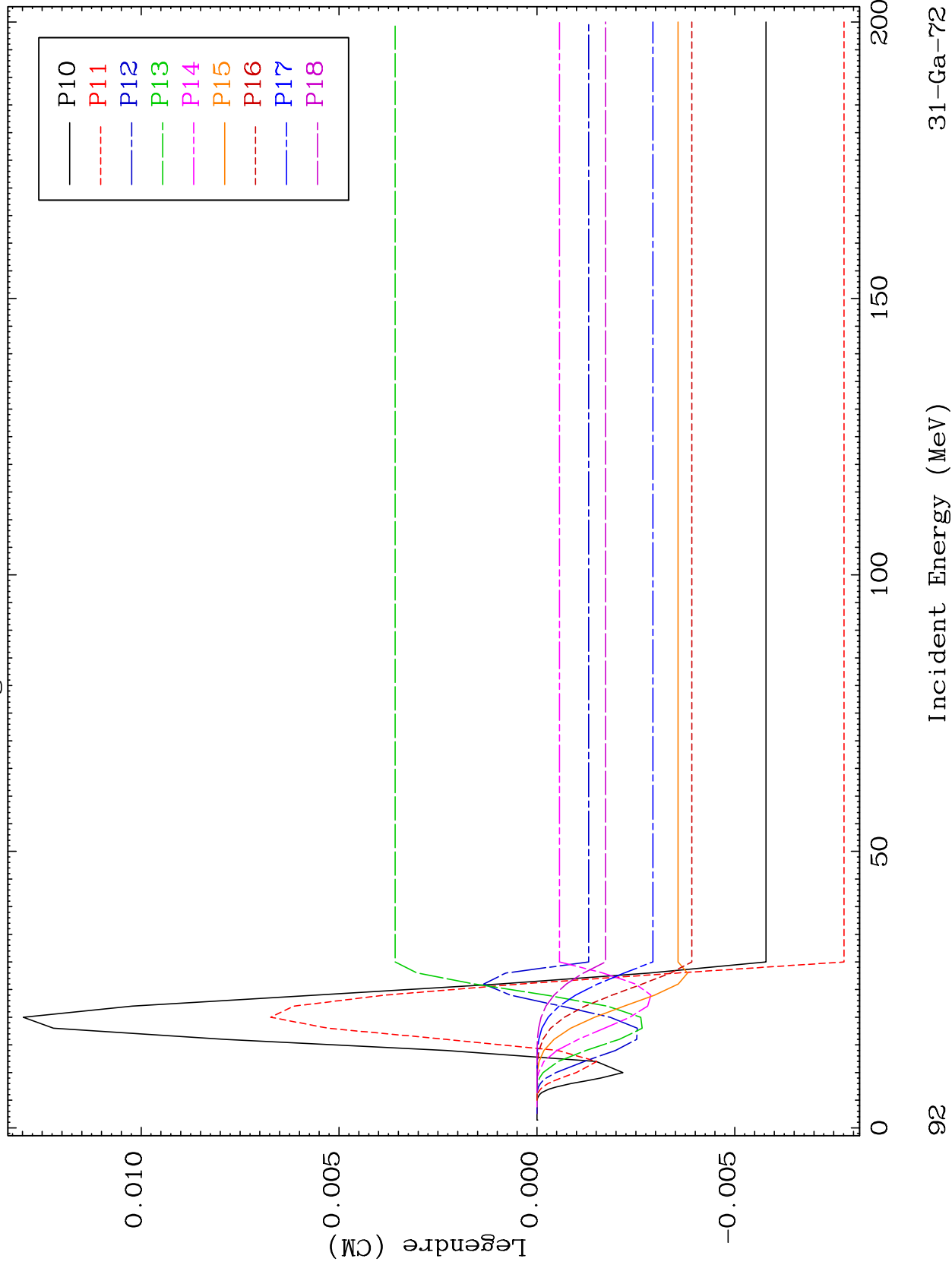
31-Ga-72



MAT 3134

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

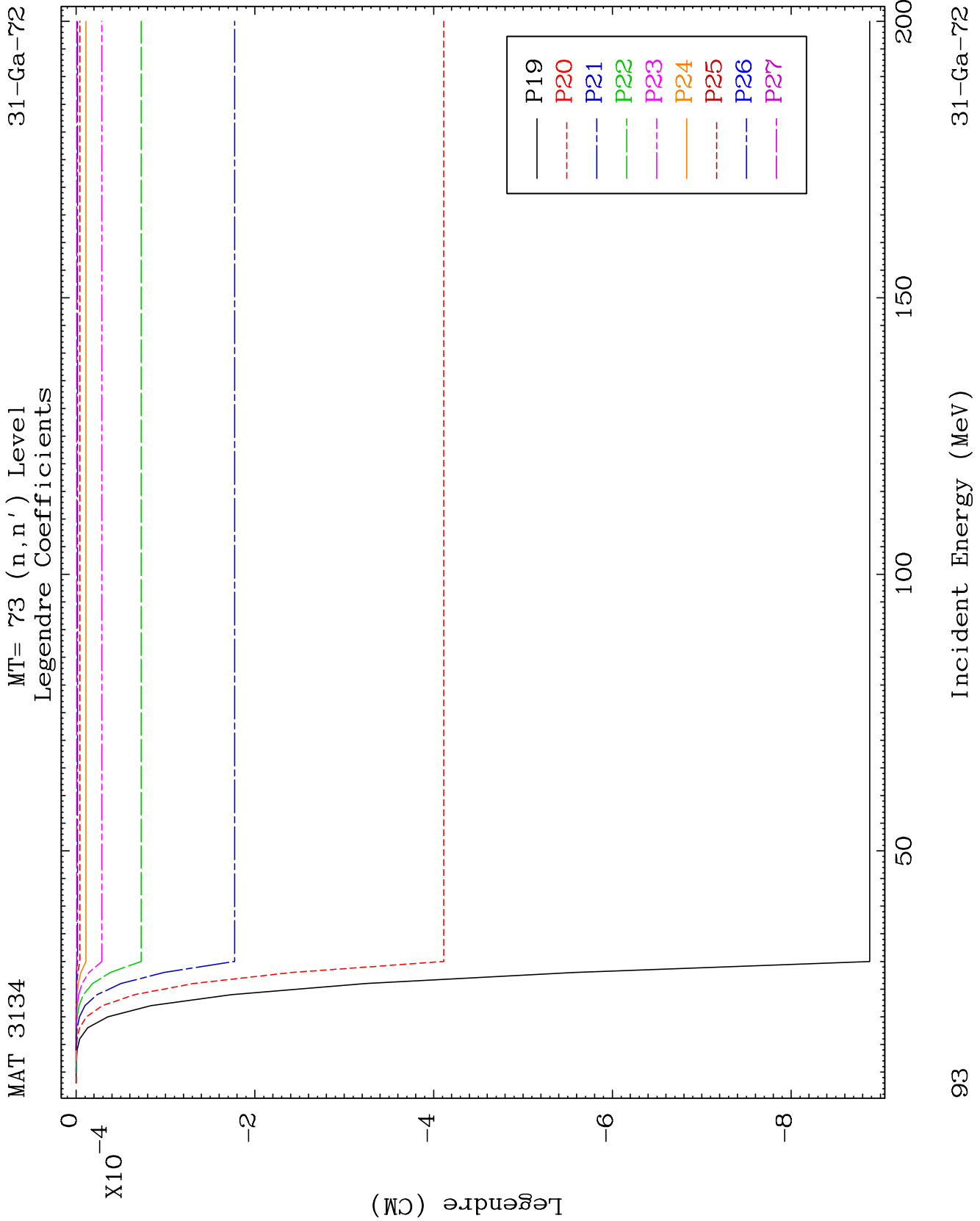
31-Ga-72

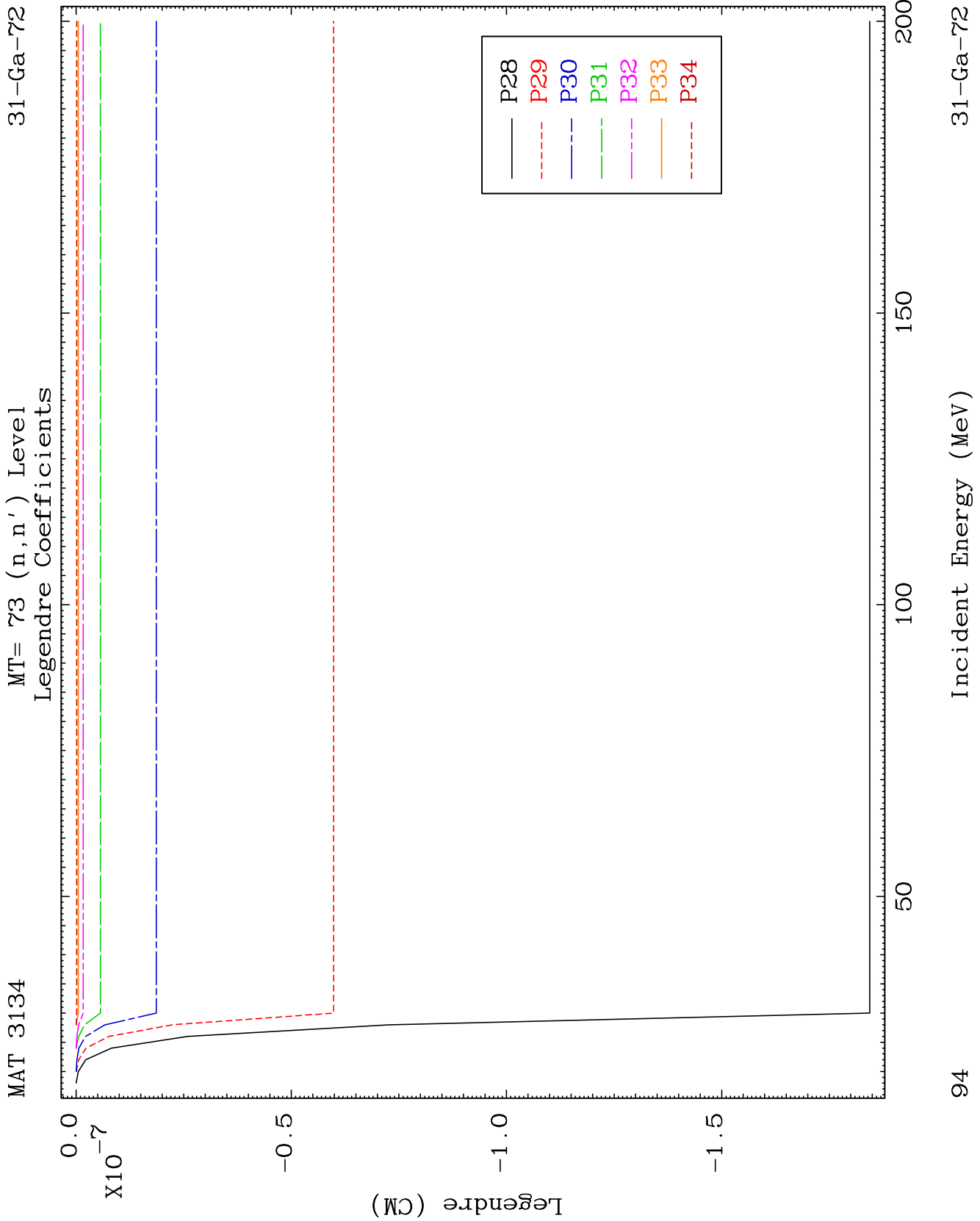


92

Incident Energy (MeV)

31-Ga-72

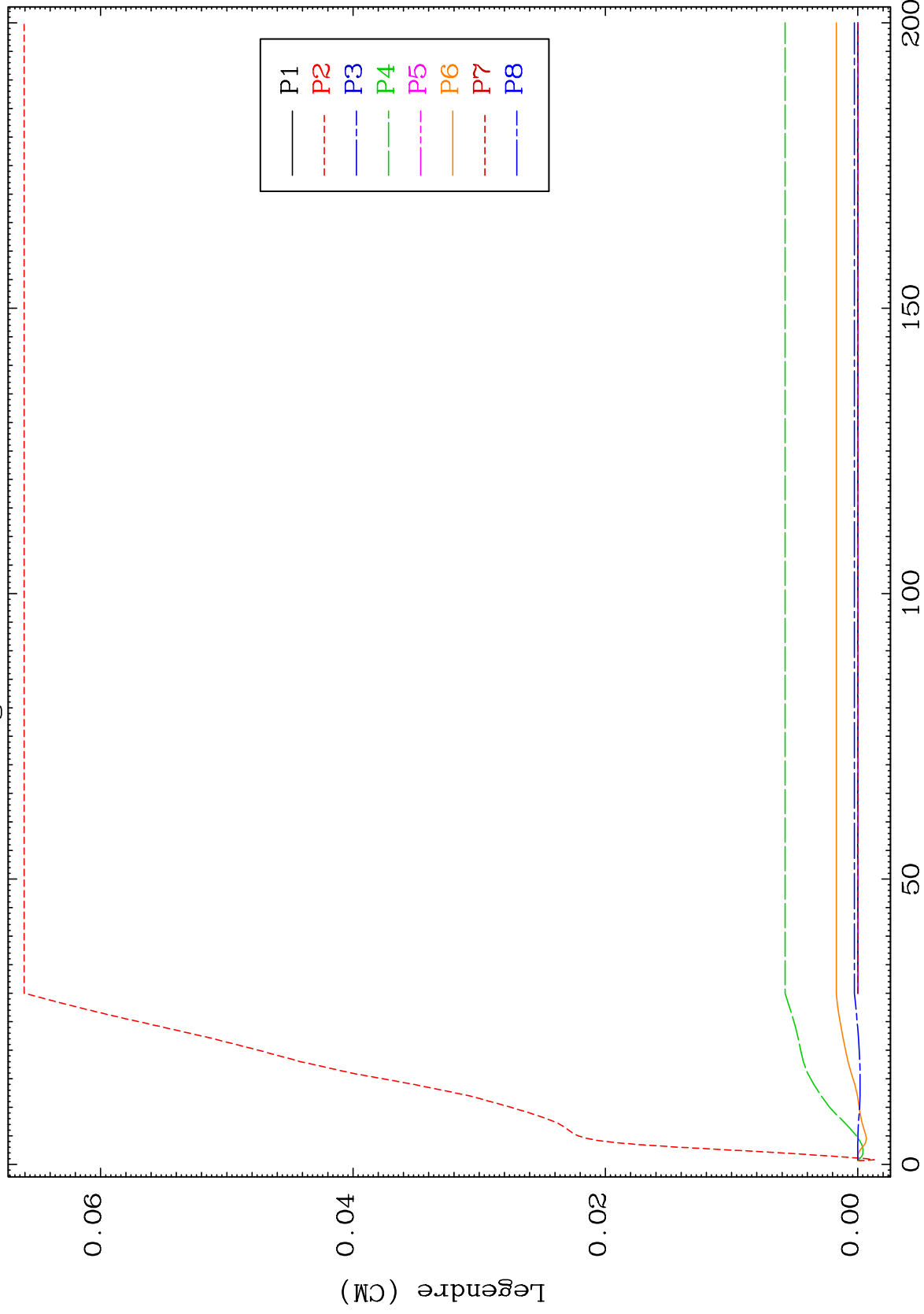




MAT 3134

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

31-Ga-72



95

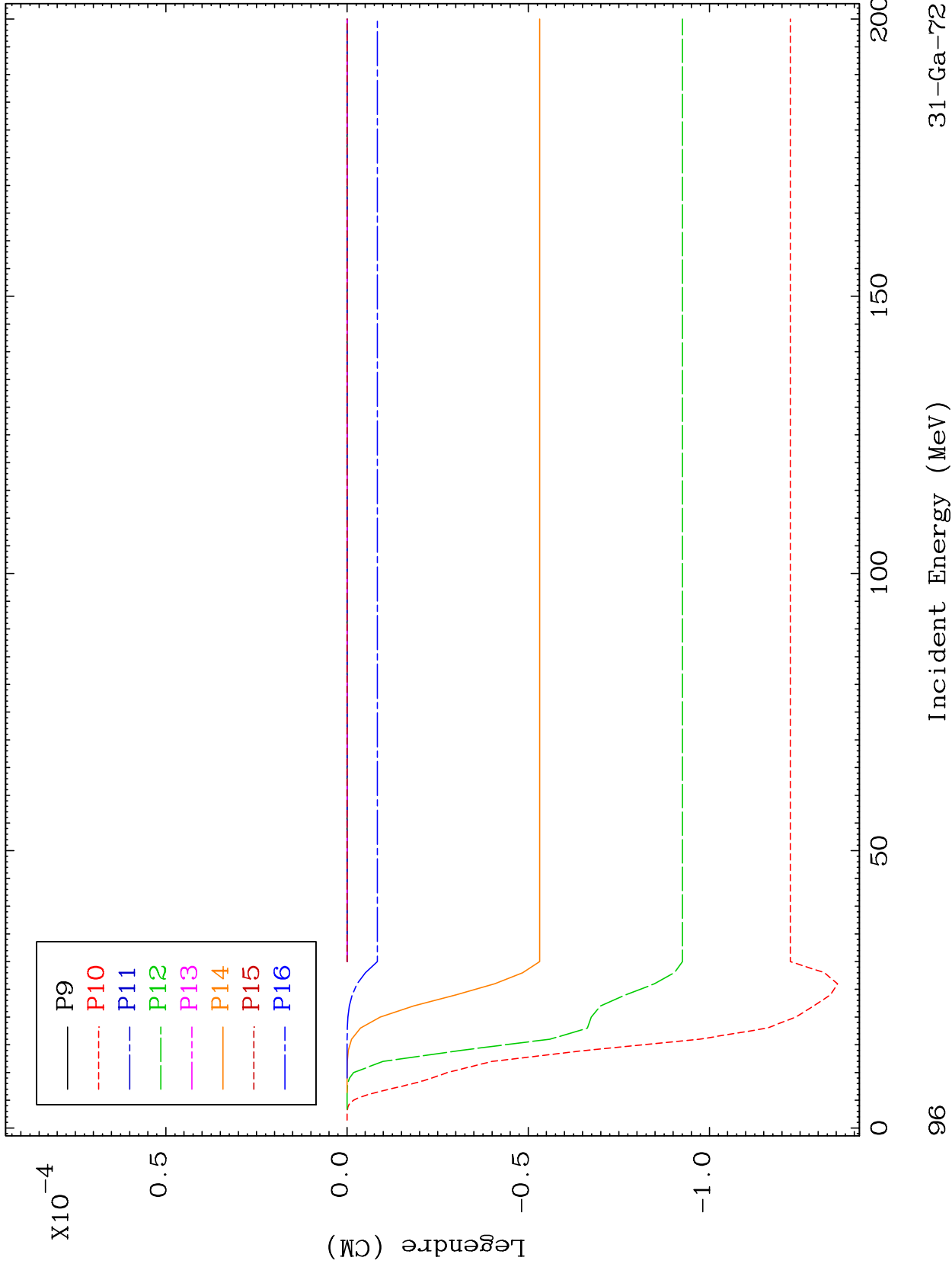
Incident Energy (MeV)

31-Ga-72

MAT 3134

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

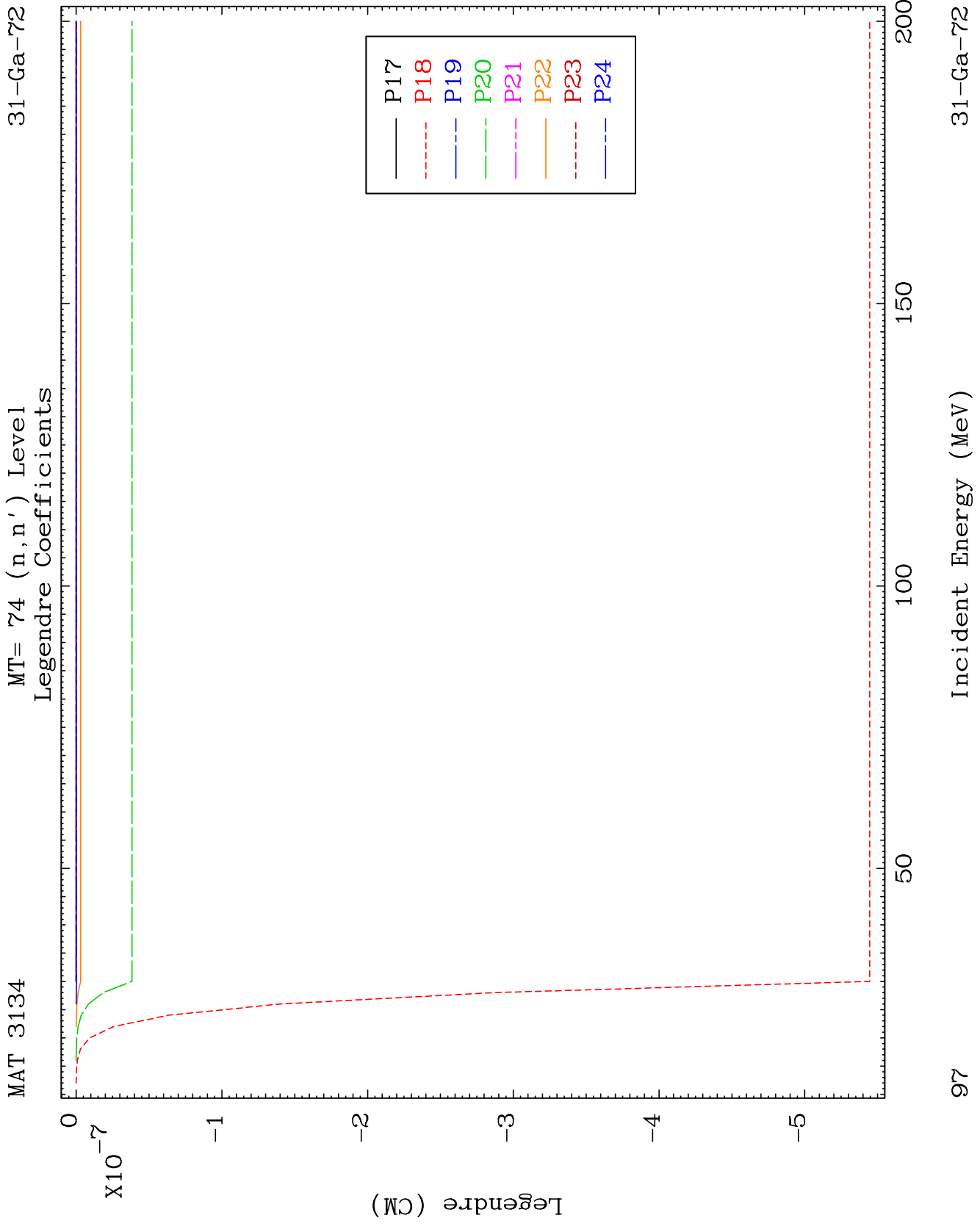
31-Ga-72



96

Incident Energy (MeV)

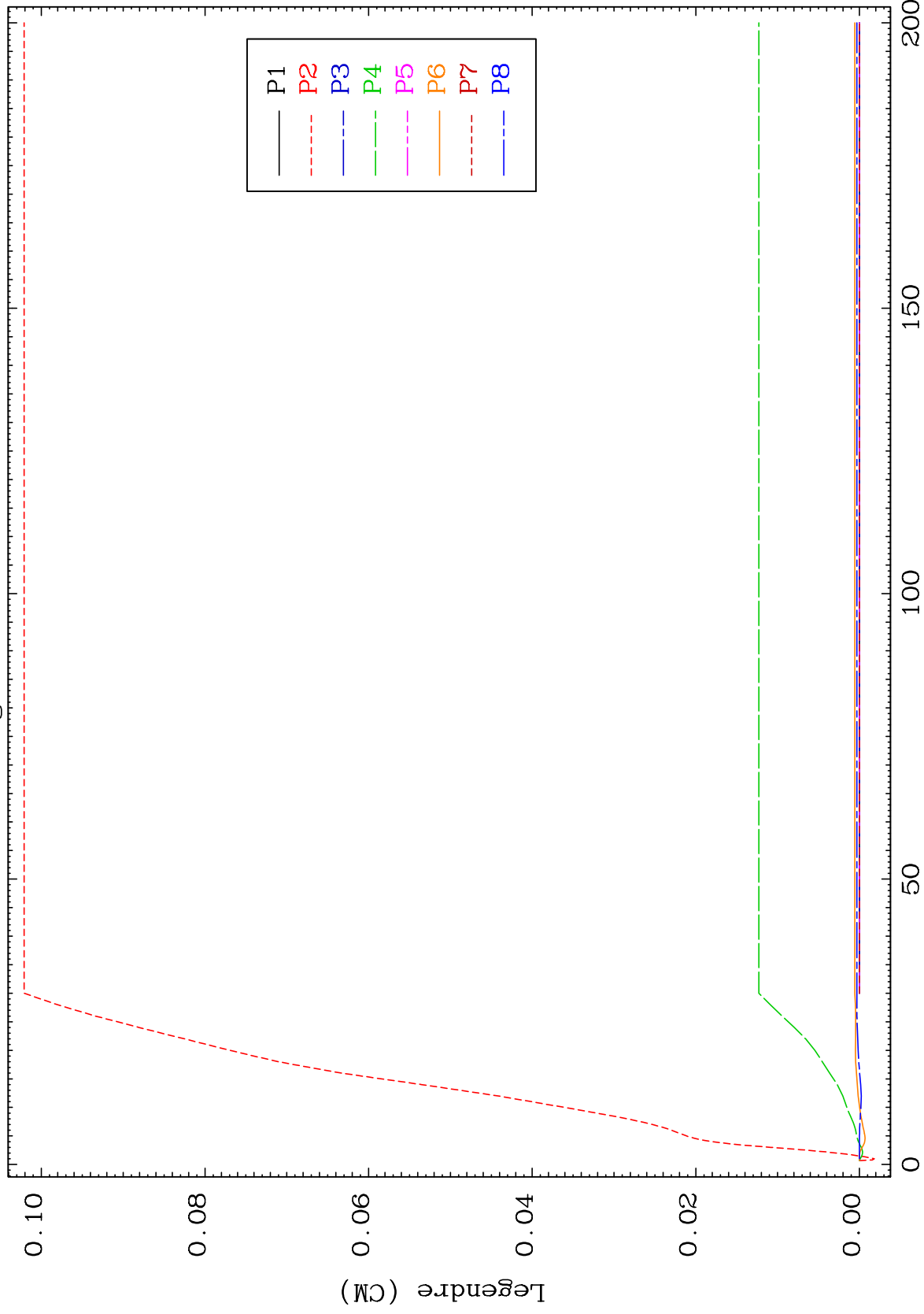
31-Ga-72



MAT 3134

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

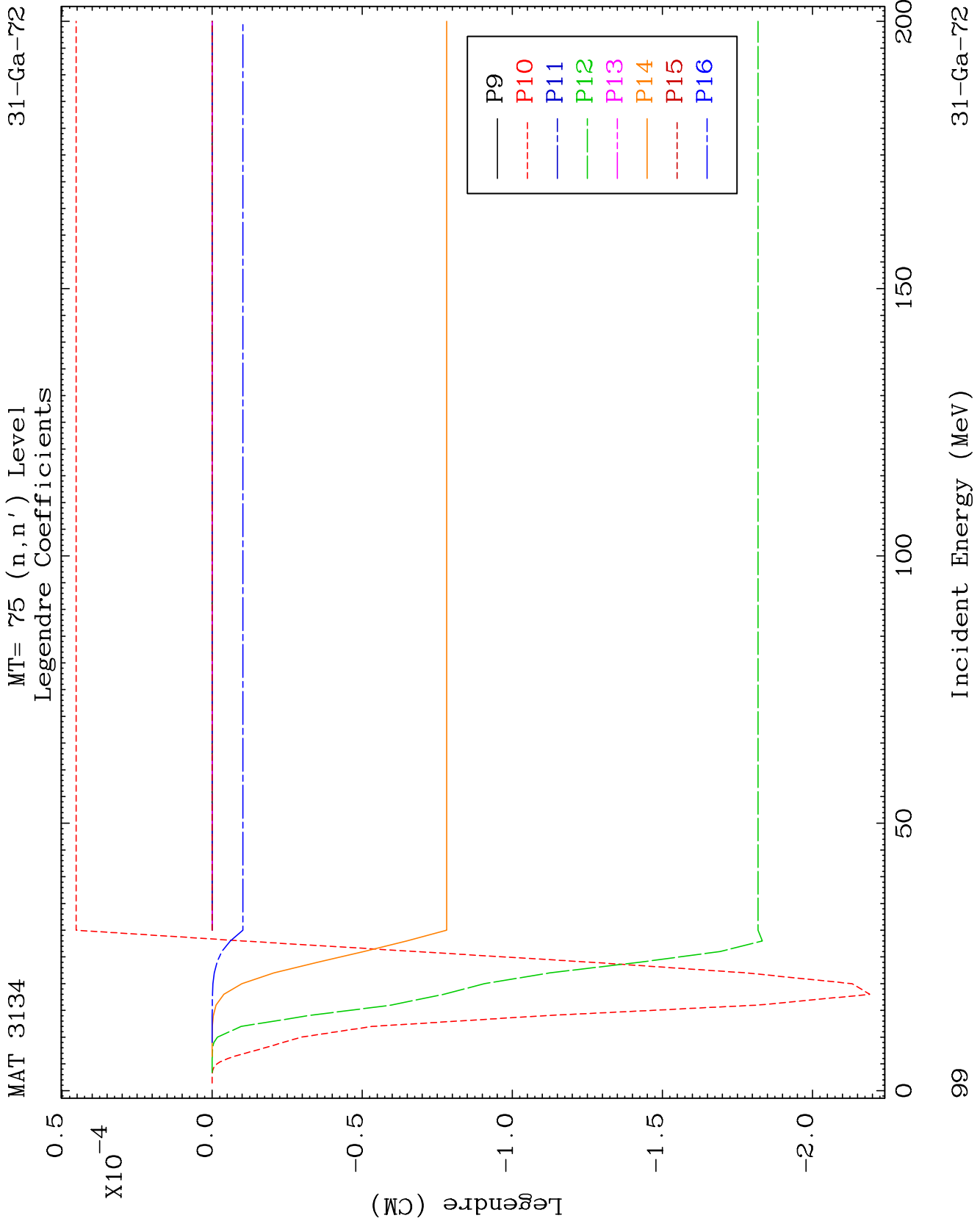
31-Ga-72

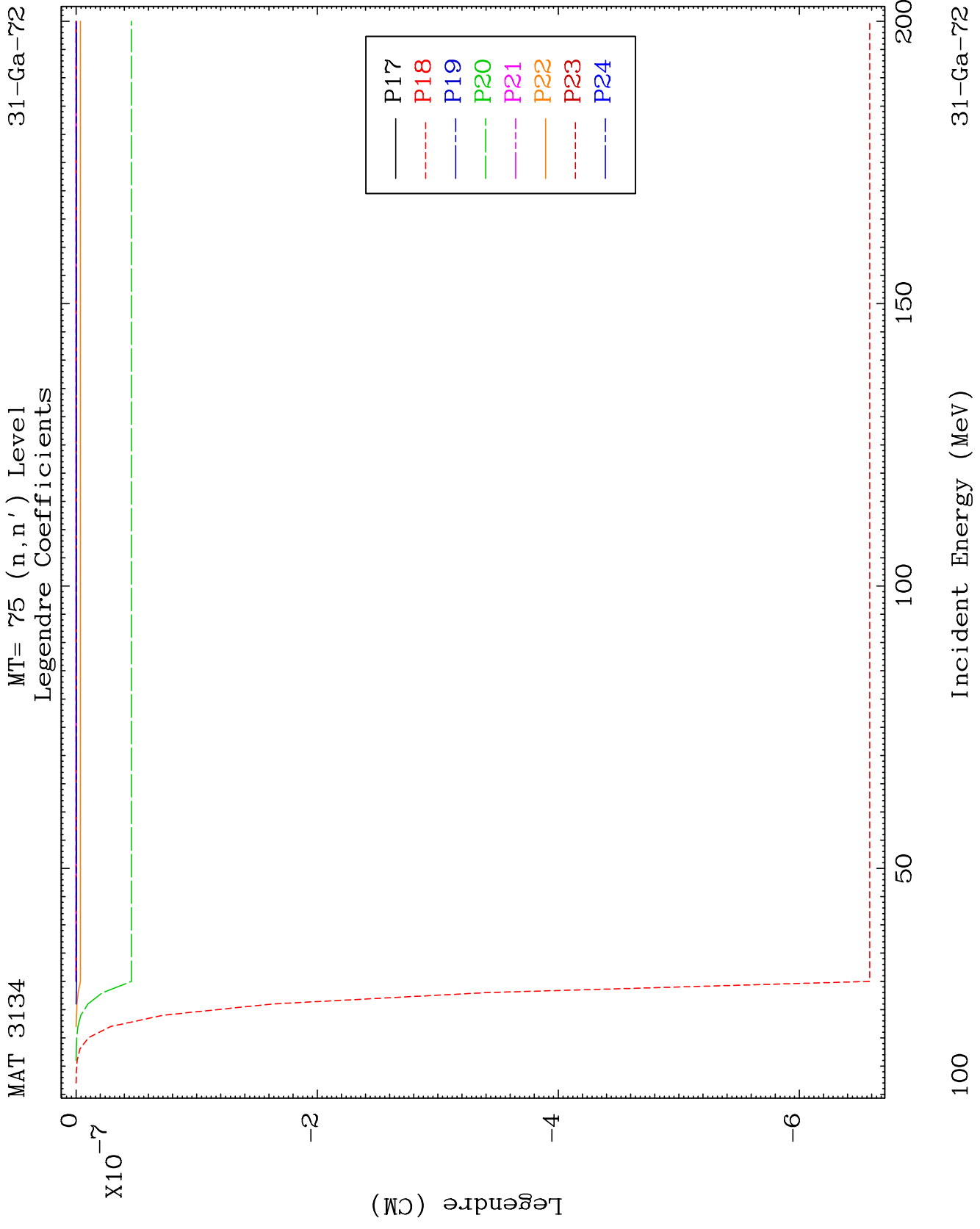


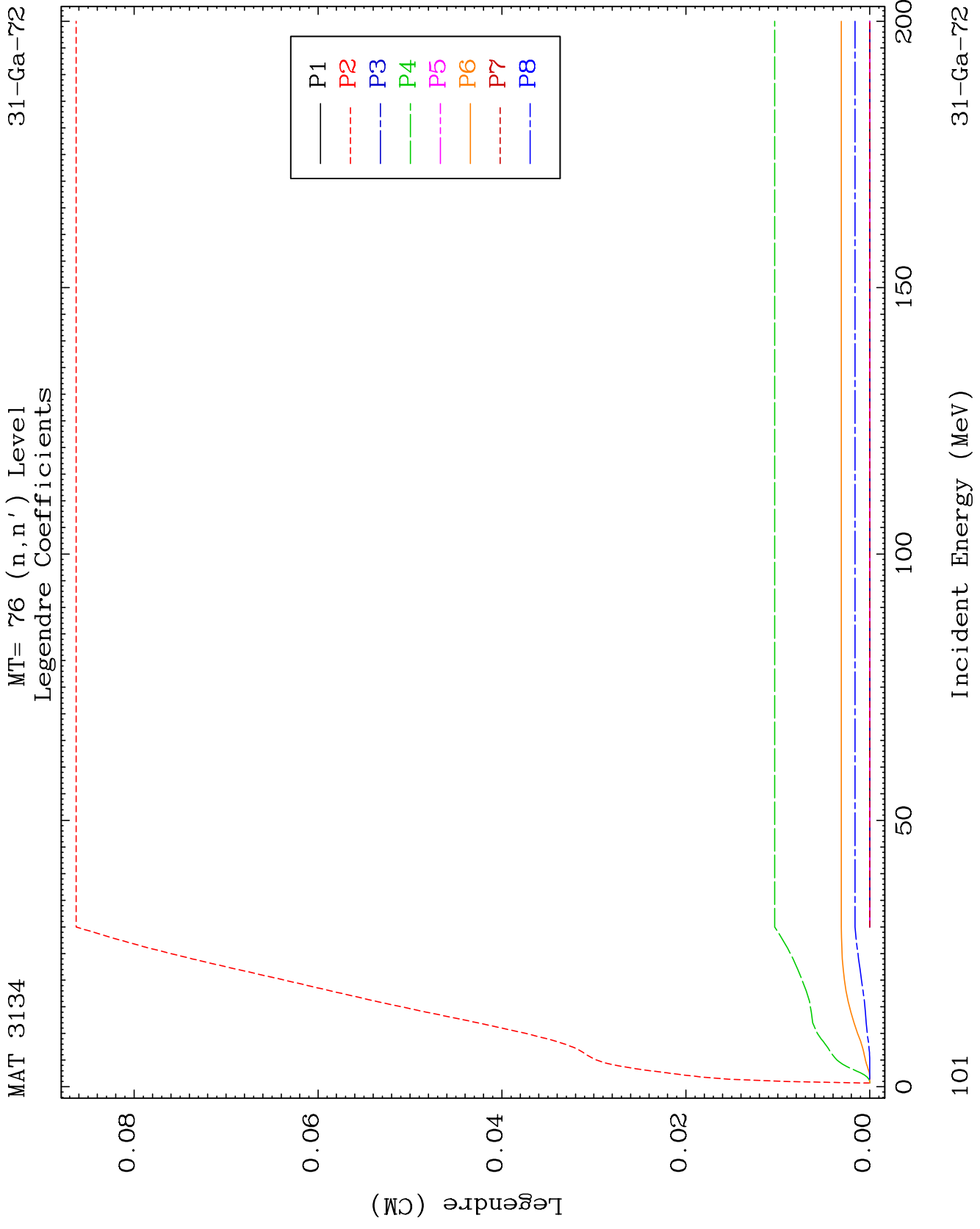
98

Incident Energy (MeV)

31-Ga-72



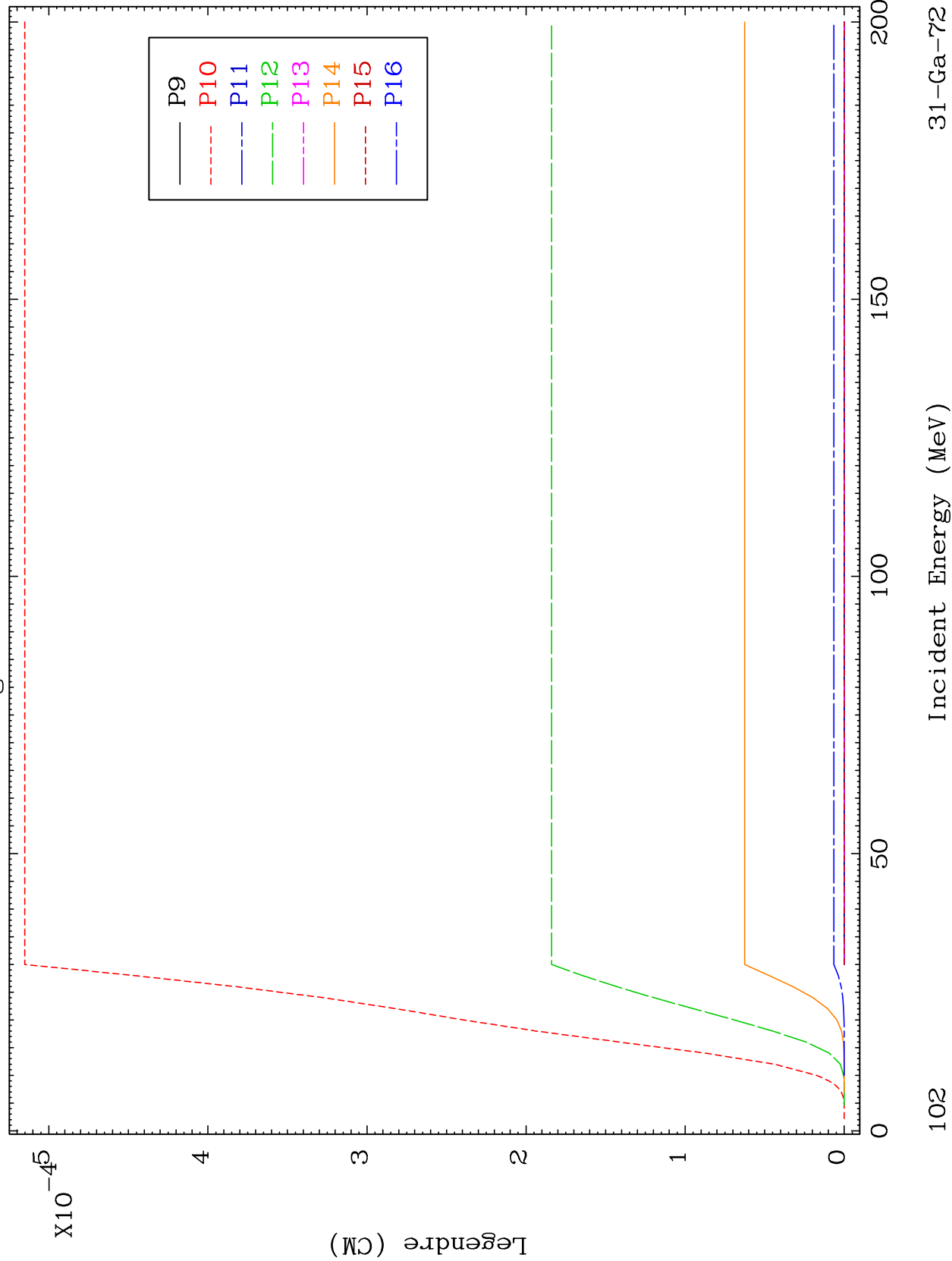


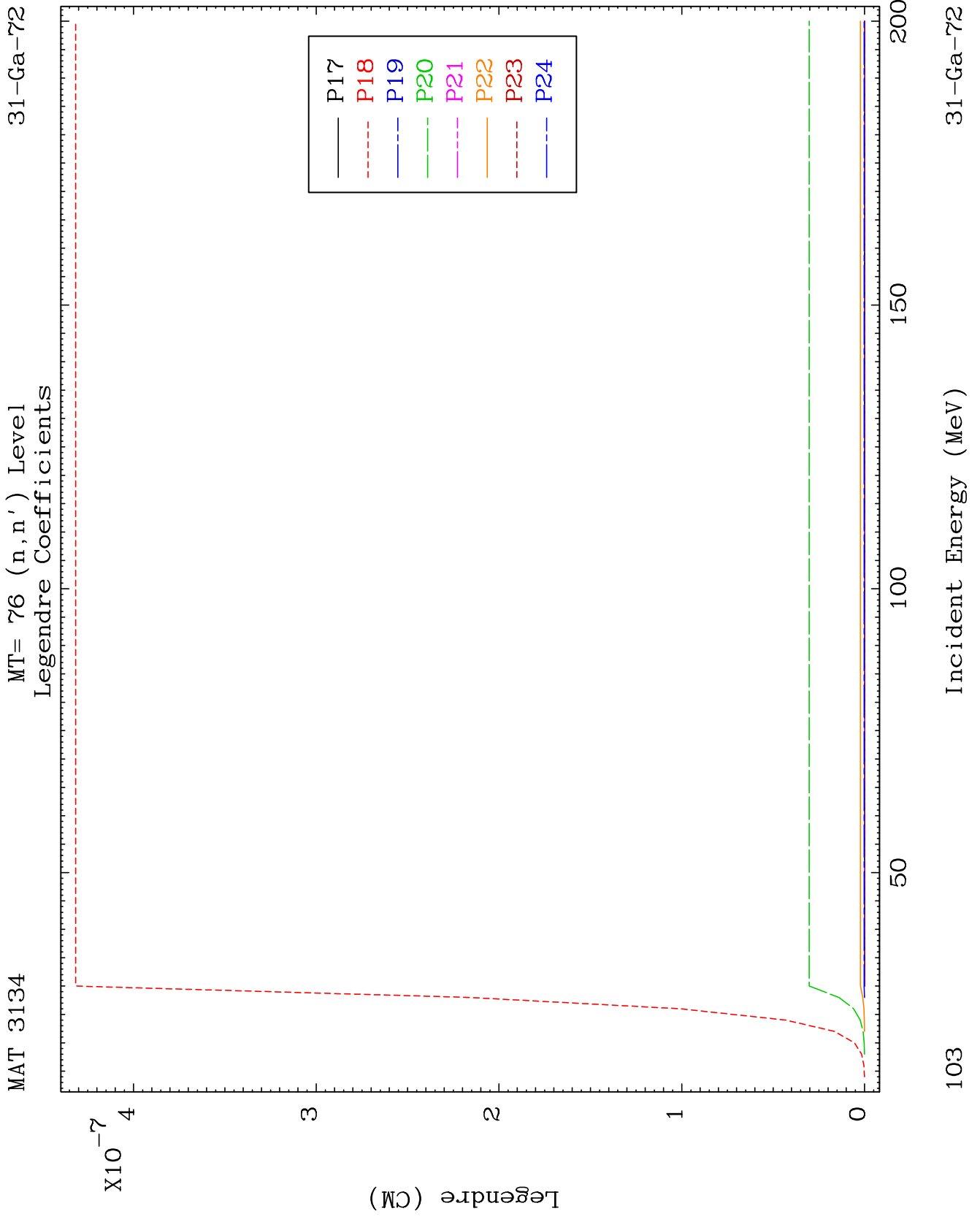


MAT 3134

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

31-Ga-72

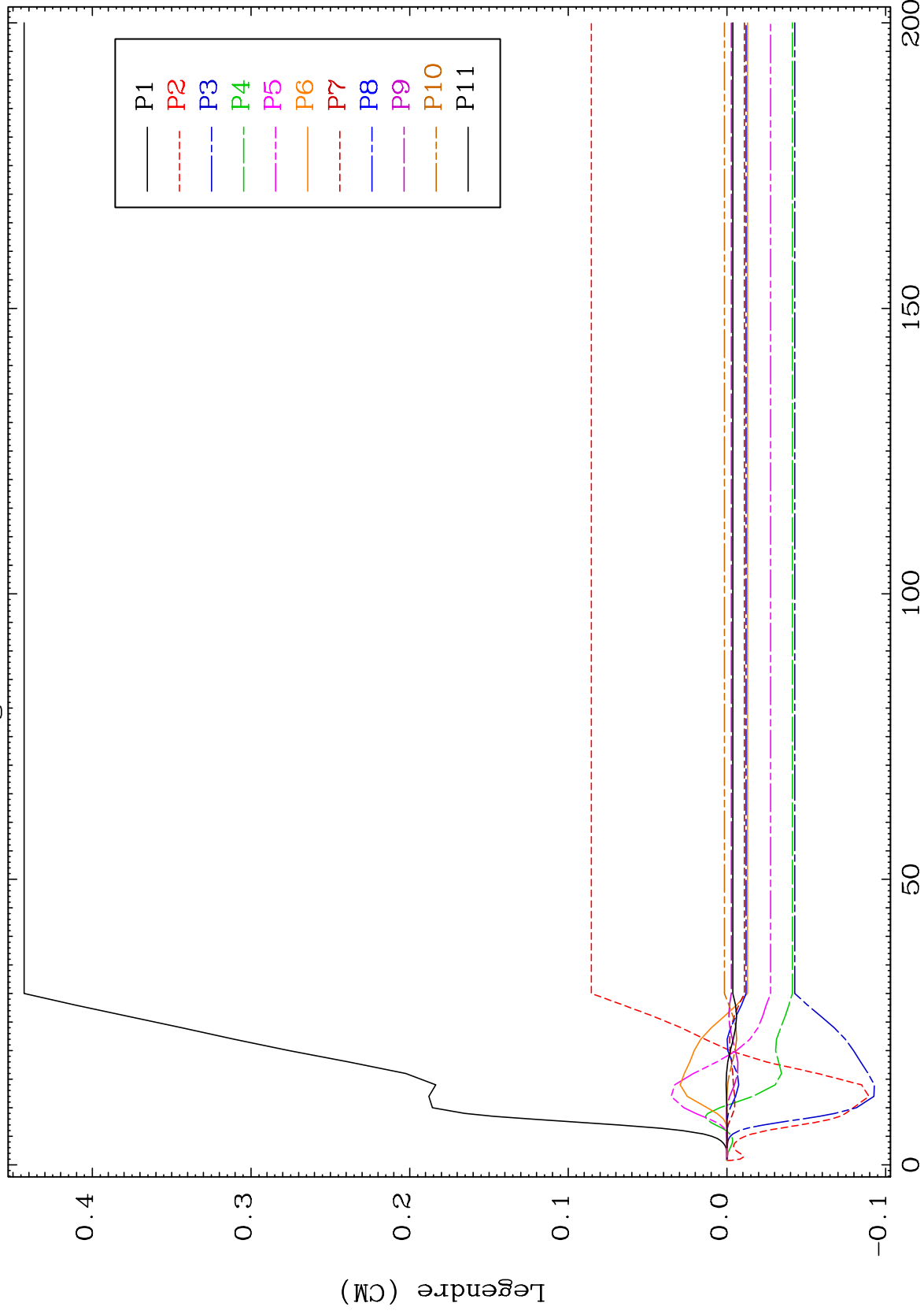




MAT 3134

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

31-Ga-72



104

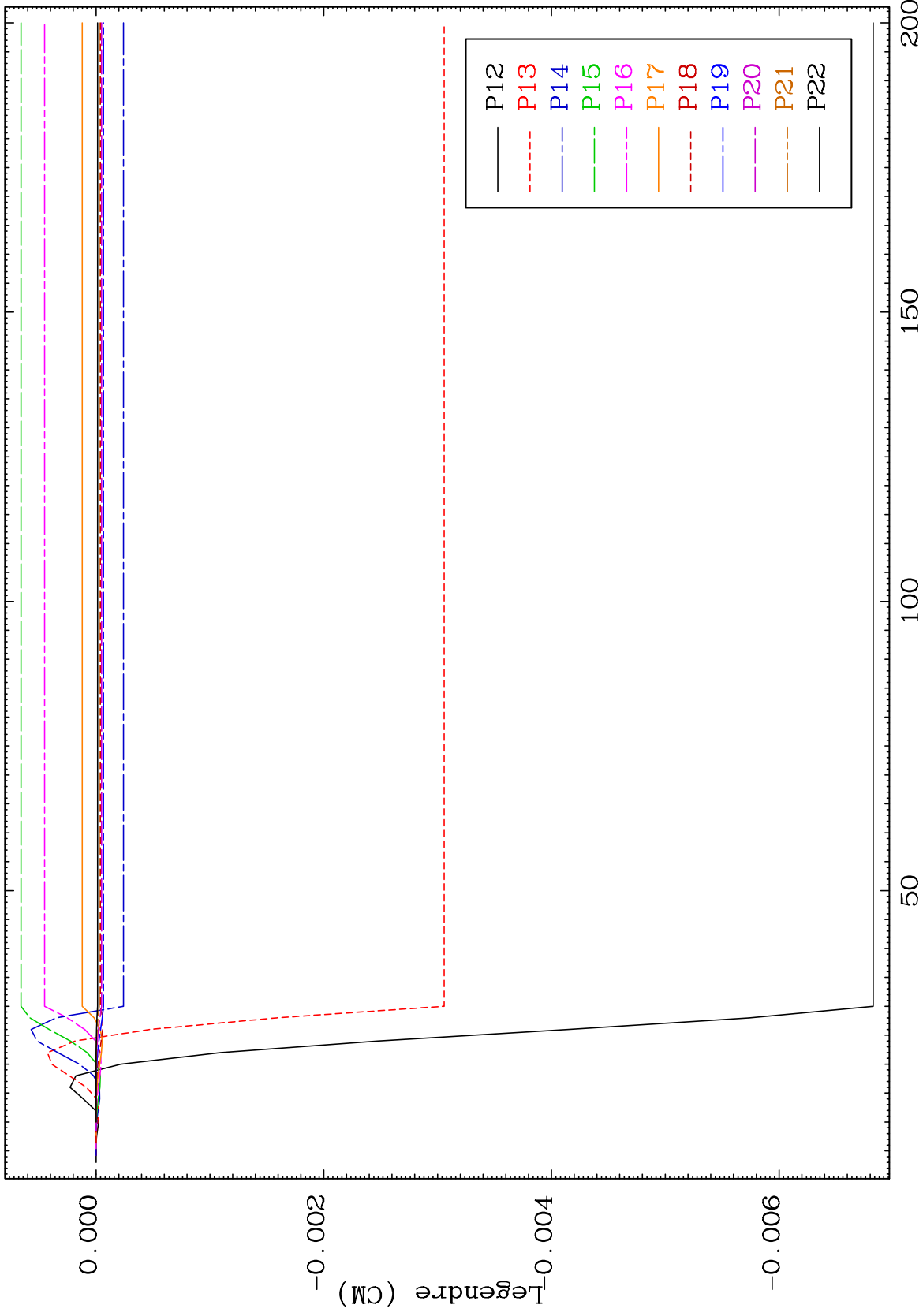
Incident Energy (MeV)

31-Ga-72

MAT 3134

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

31-Ga-72



105

Incident Energy (MeV)

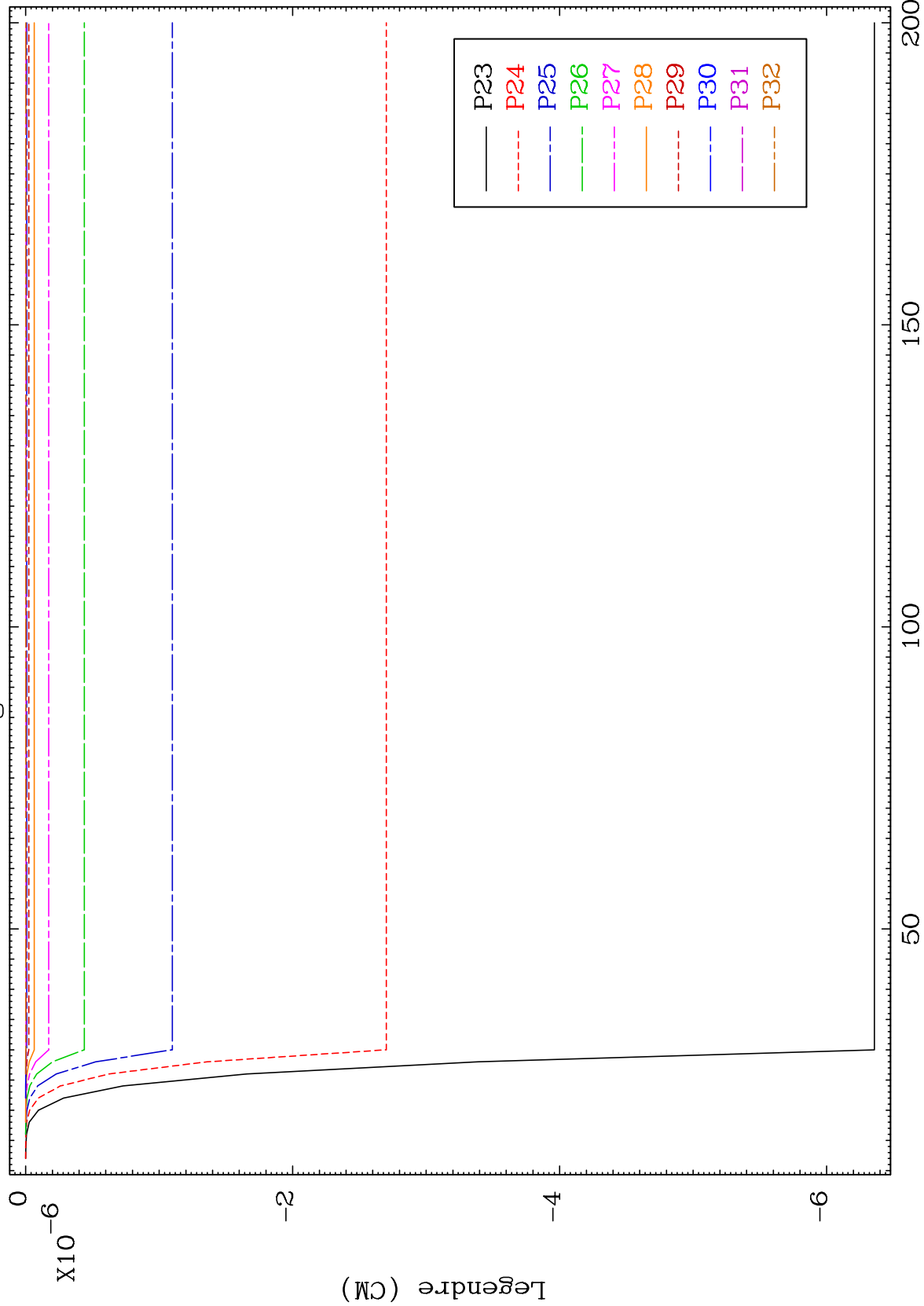
31-Ga-72

MAT 3134

MT= 77 (n,n') Level

31-Ga-72

Legendre Coefficients



106

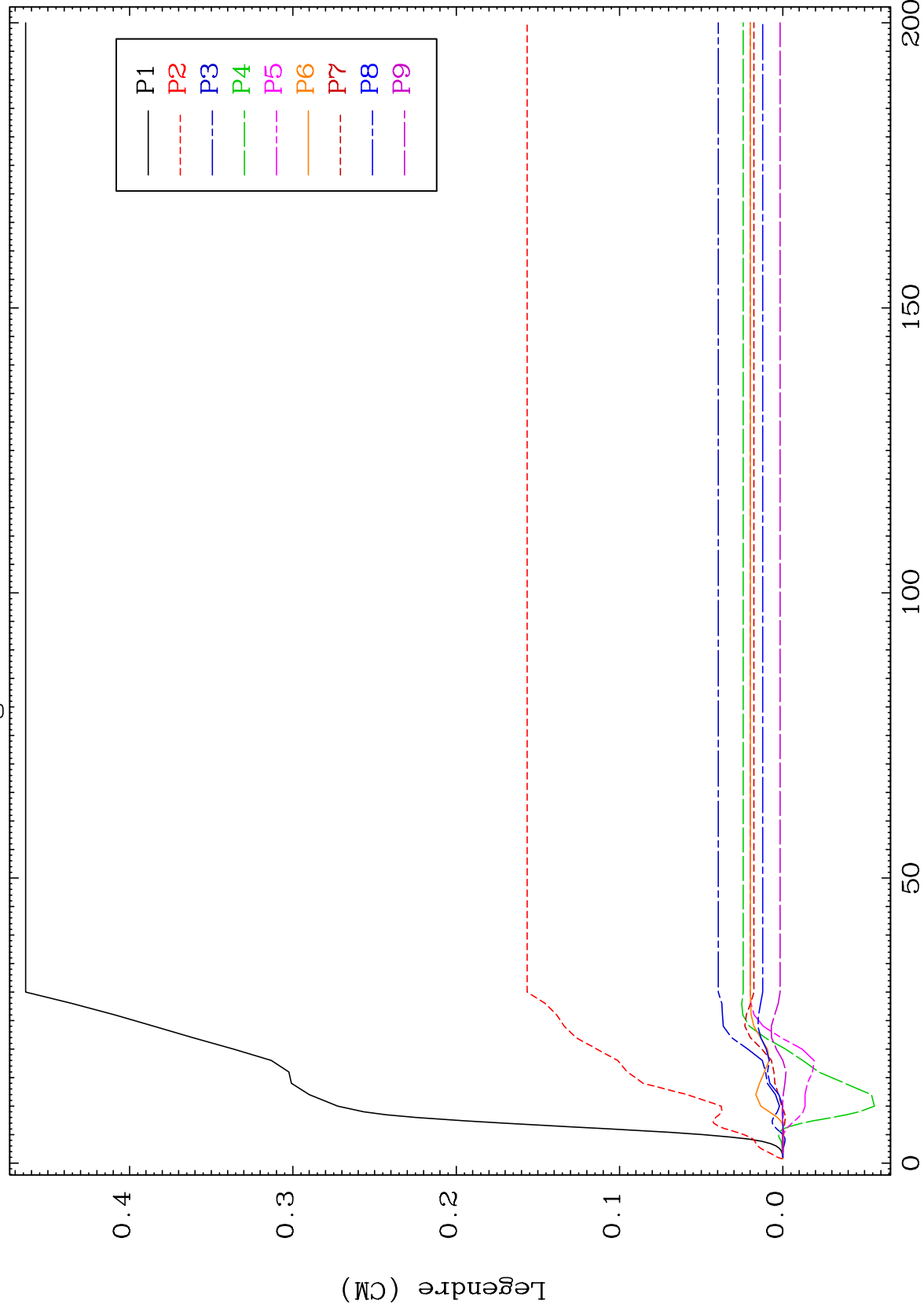
Incident Energy (MeV)

31-Ga-72

MAT 3134

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

31-Ga-72



107

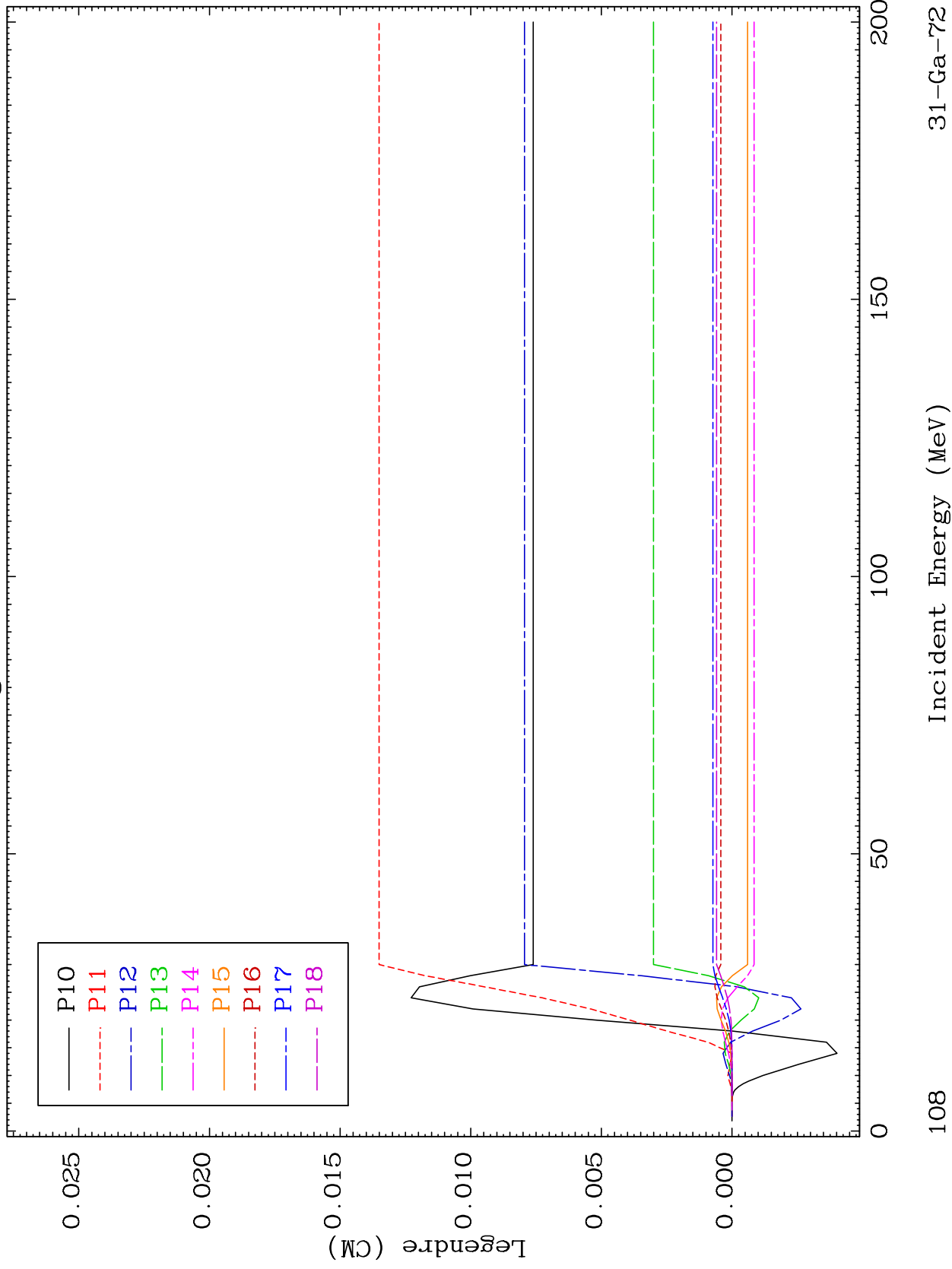
Incident Energy (MeV)

31-Ga-72

MAT 3134

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

31-Ga-72



108

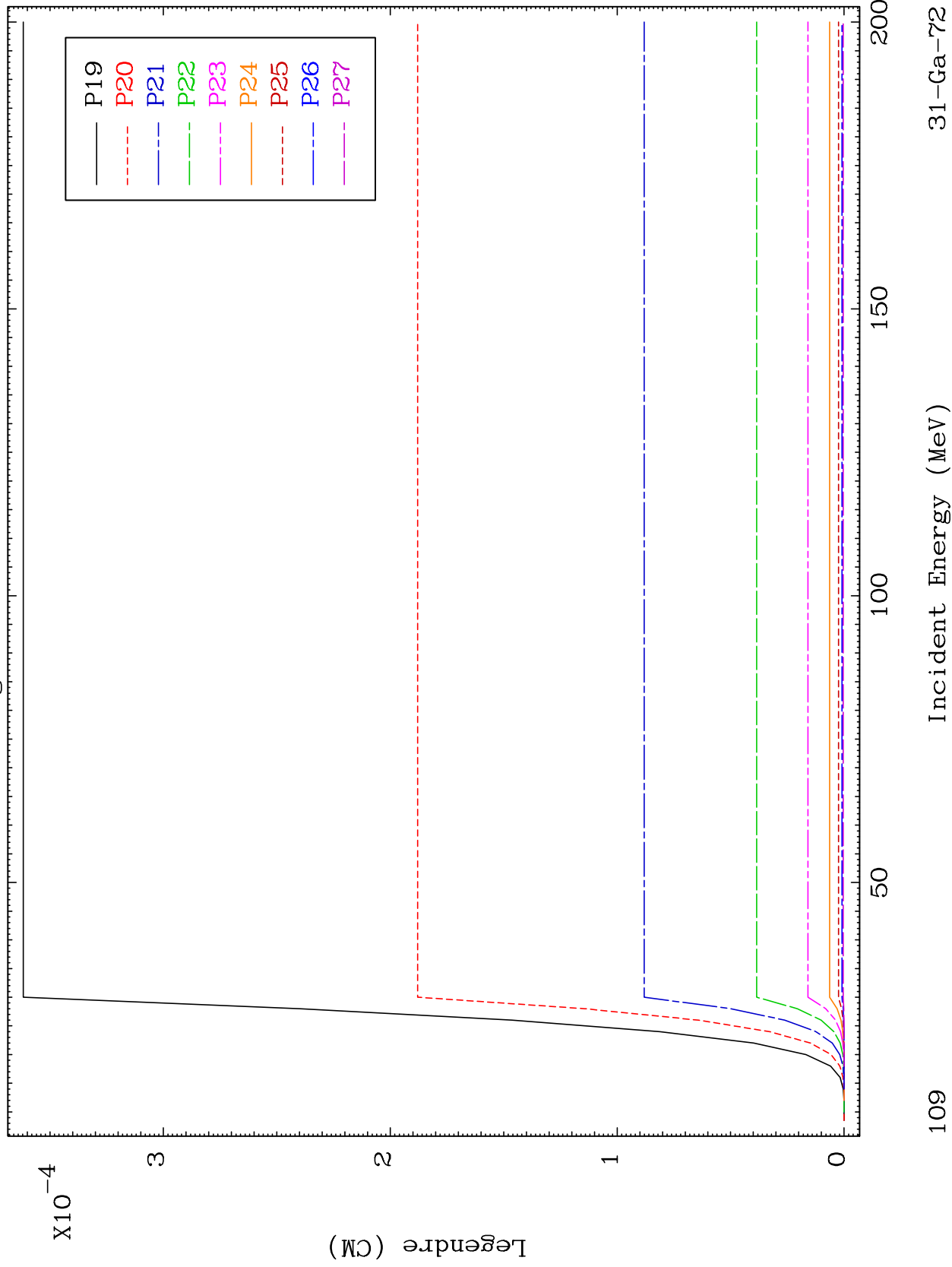
Incident Energy (MeV)

31-Ga-72

MAT 3134

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

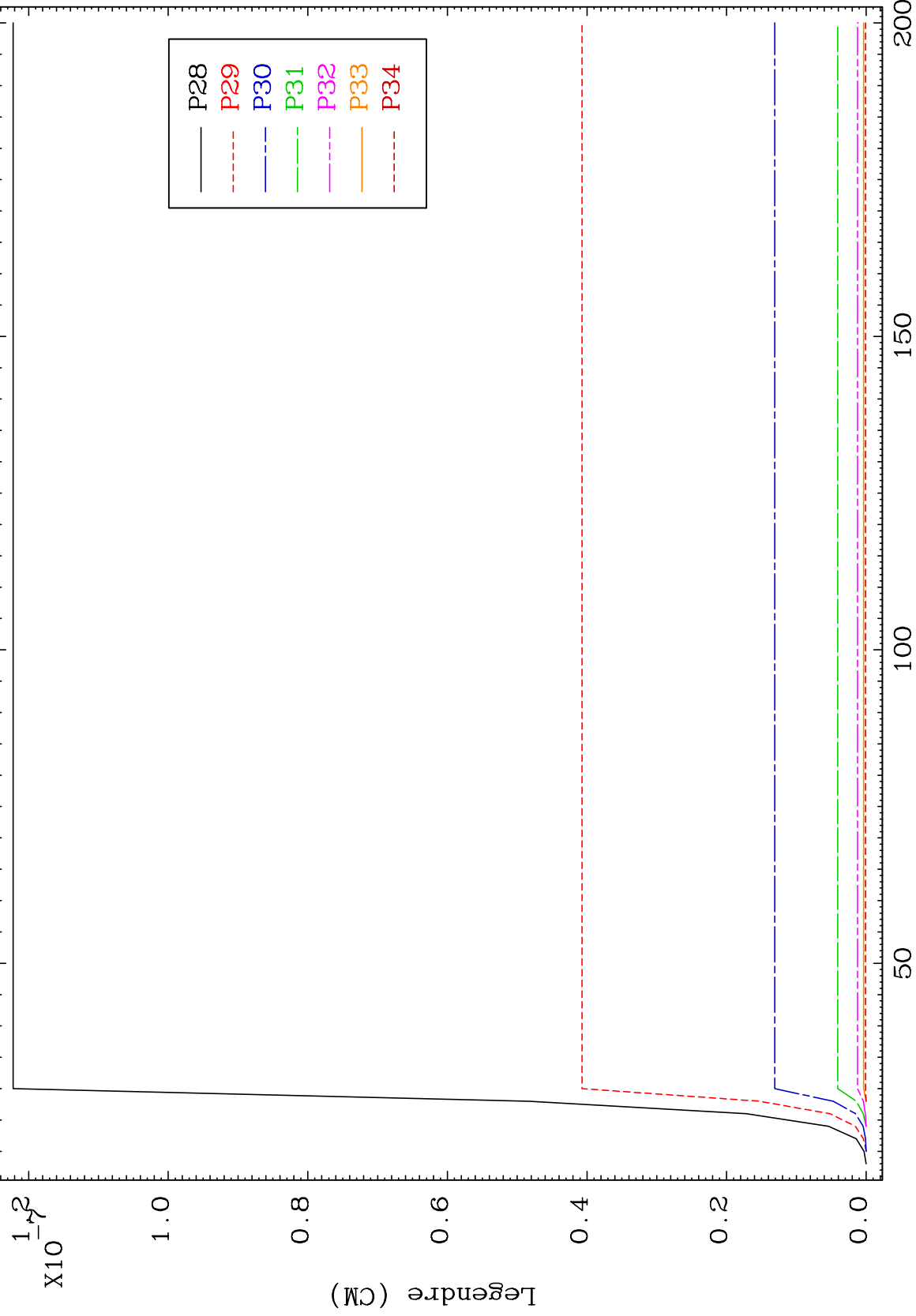
31-Ga-72



MAT 3134

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

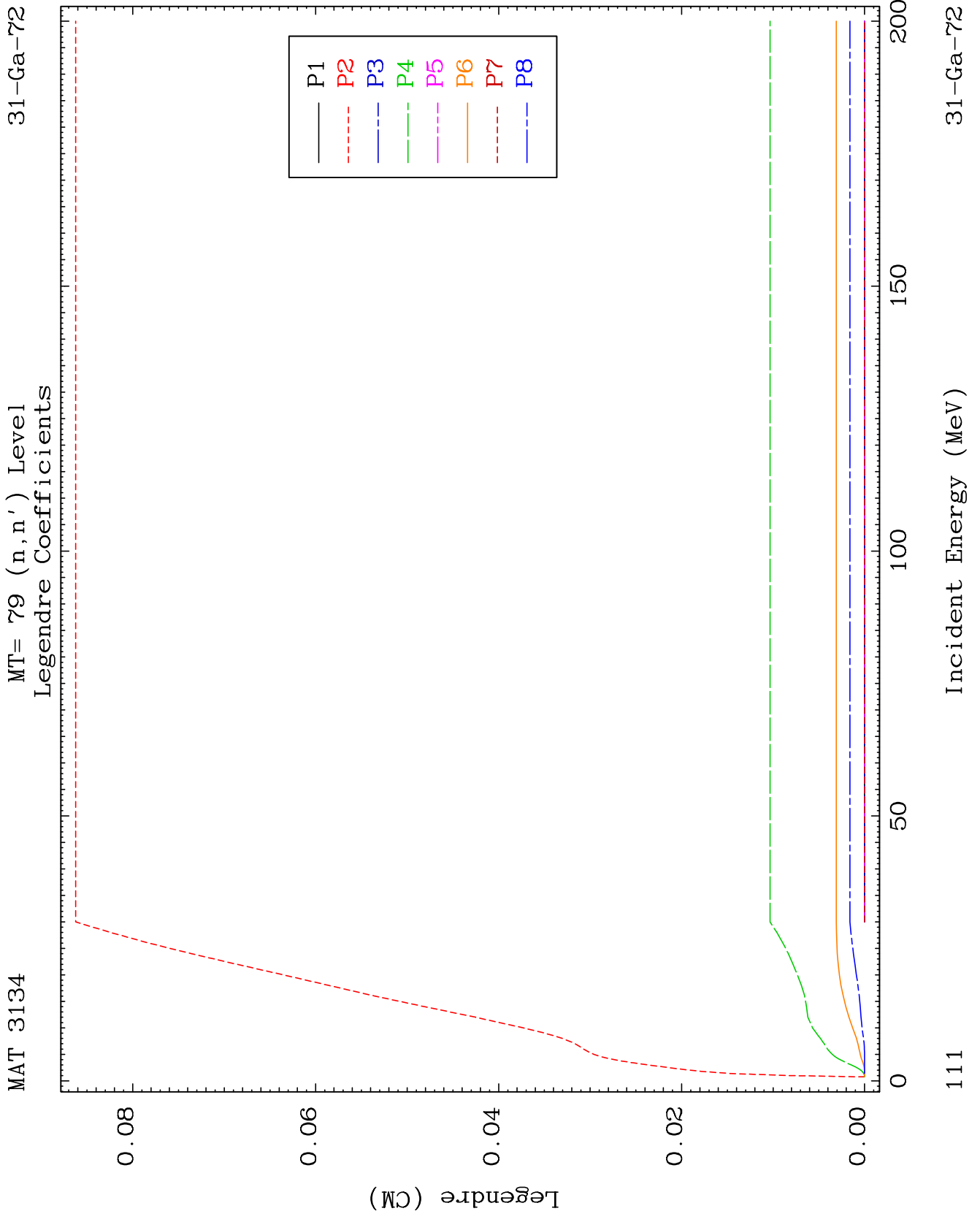
31-Ga-72



110

Incident Energy (MeV)

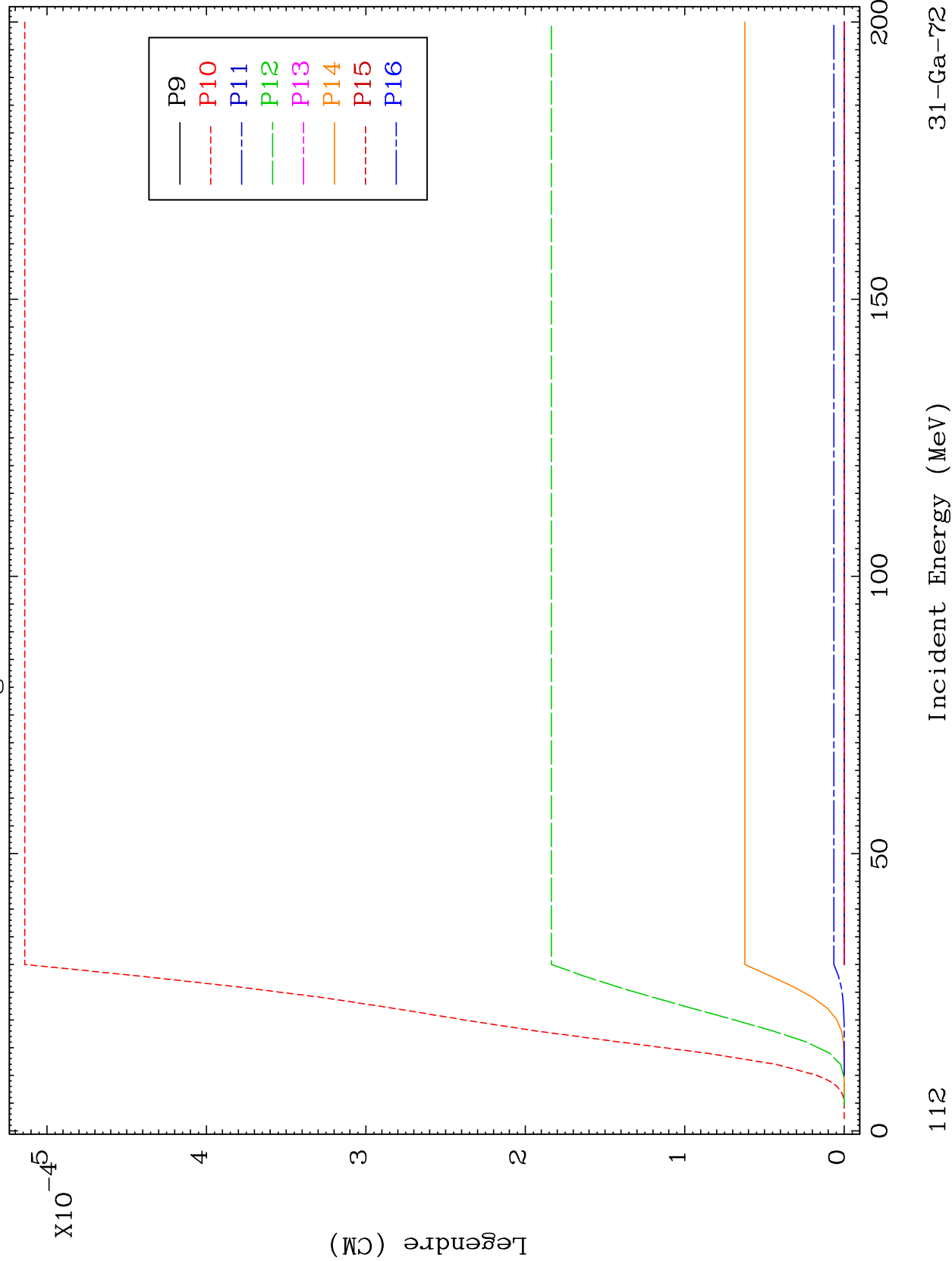
31-Ga-72



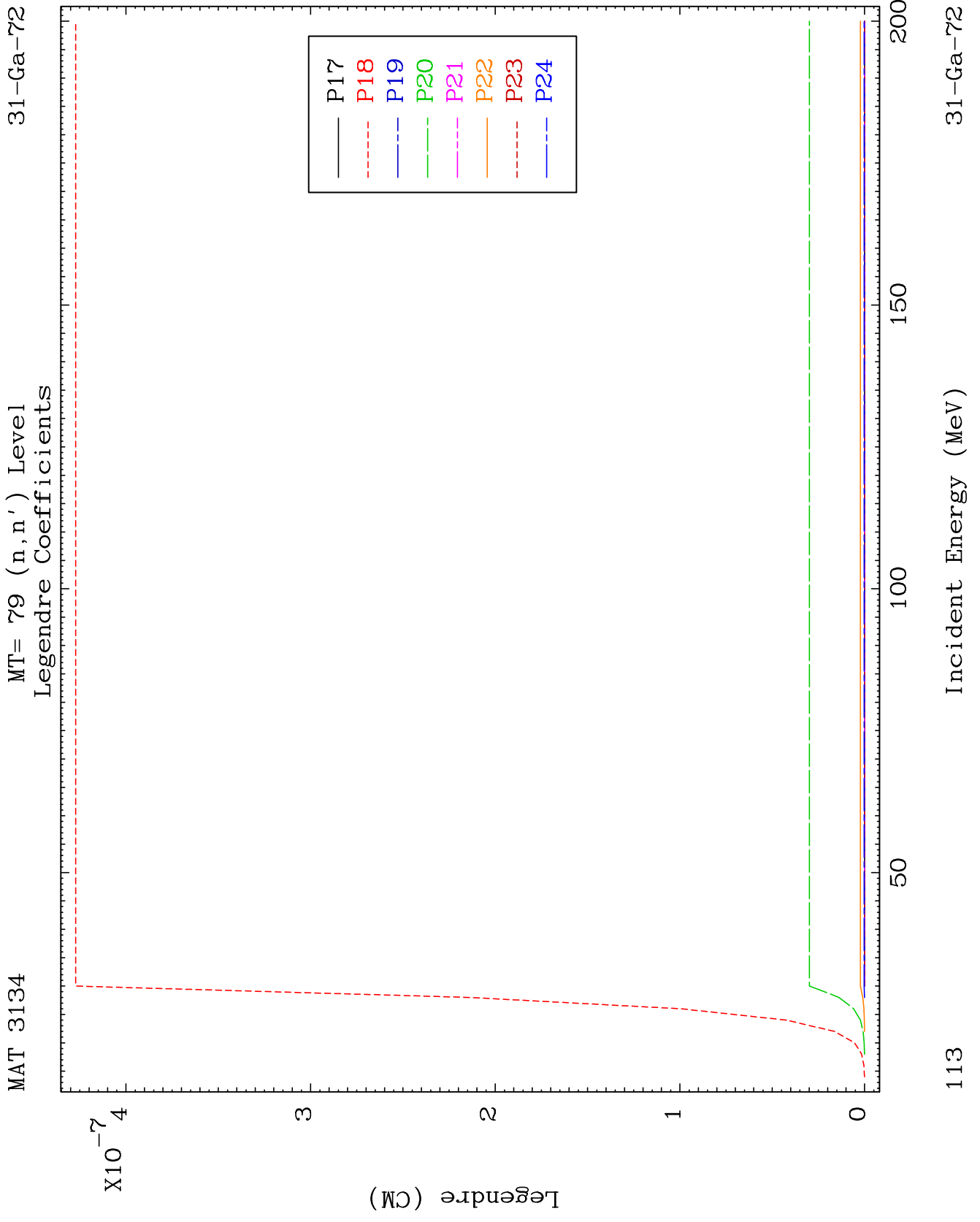
MAT 3134

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

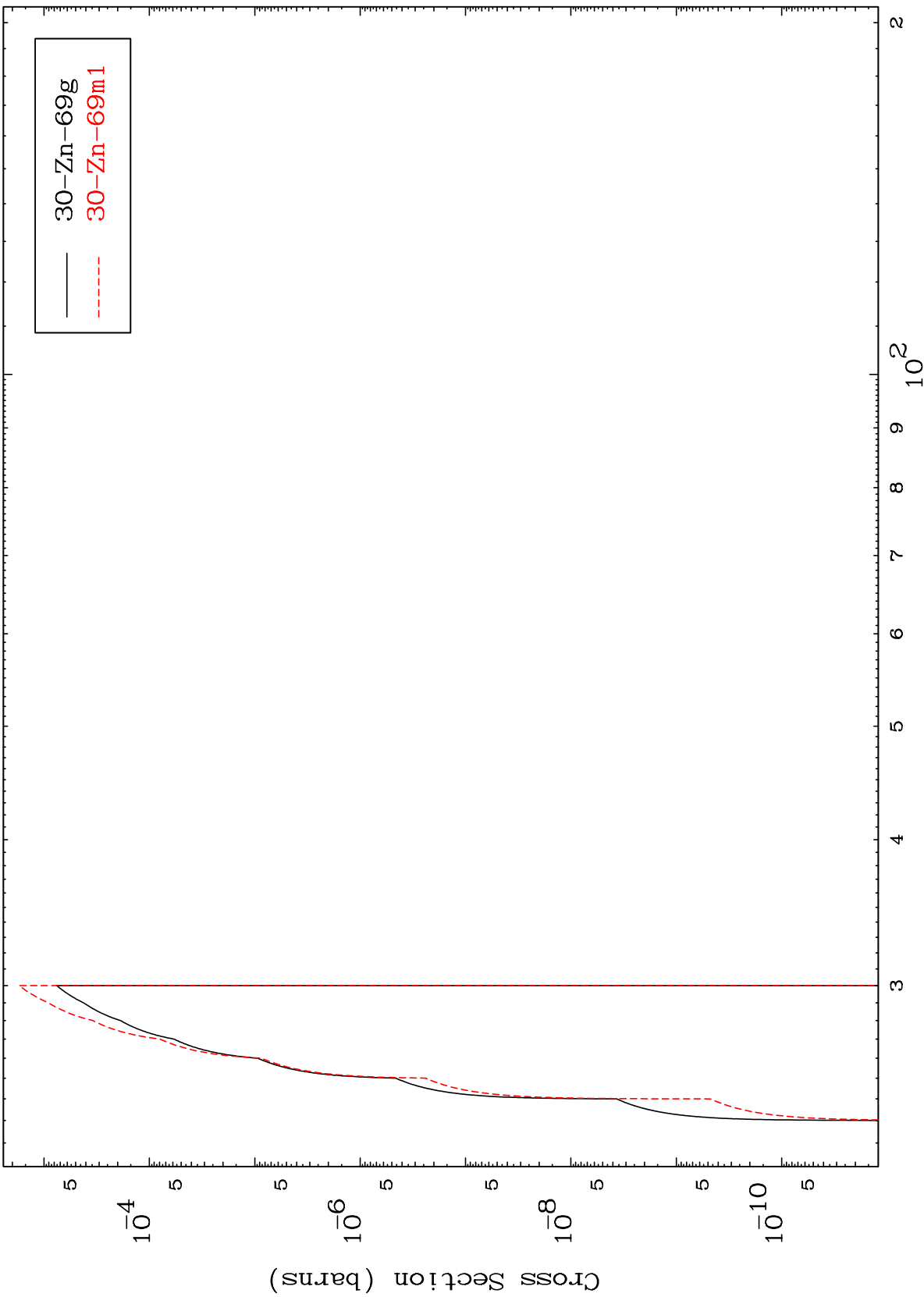
31-Ga-72



112



Radionuclide Production Cross Section



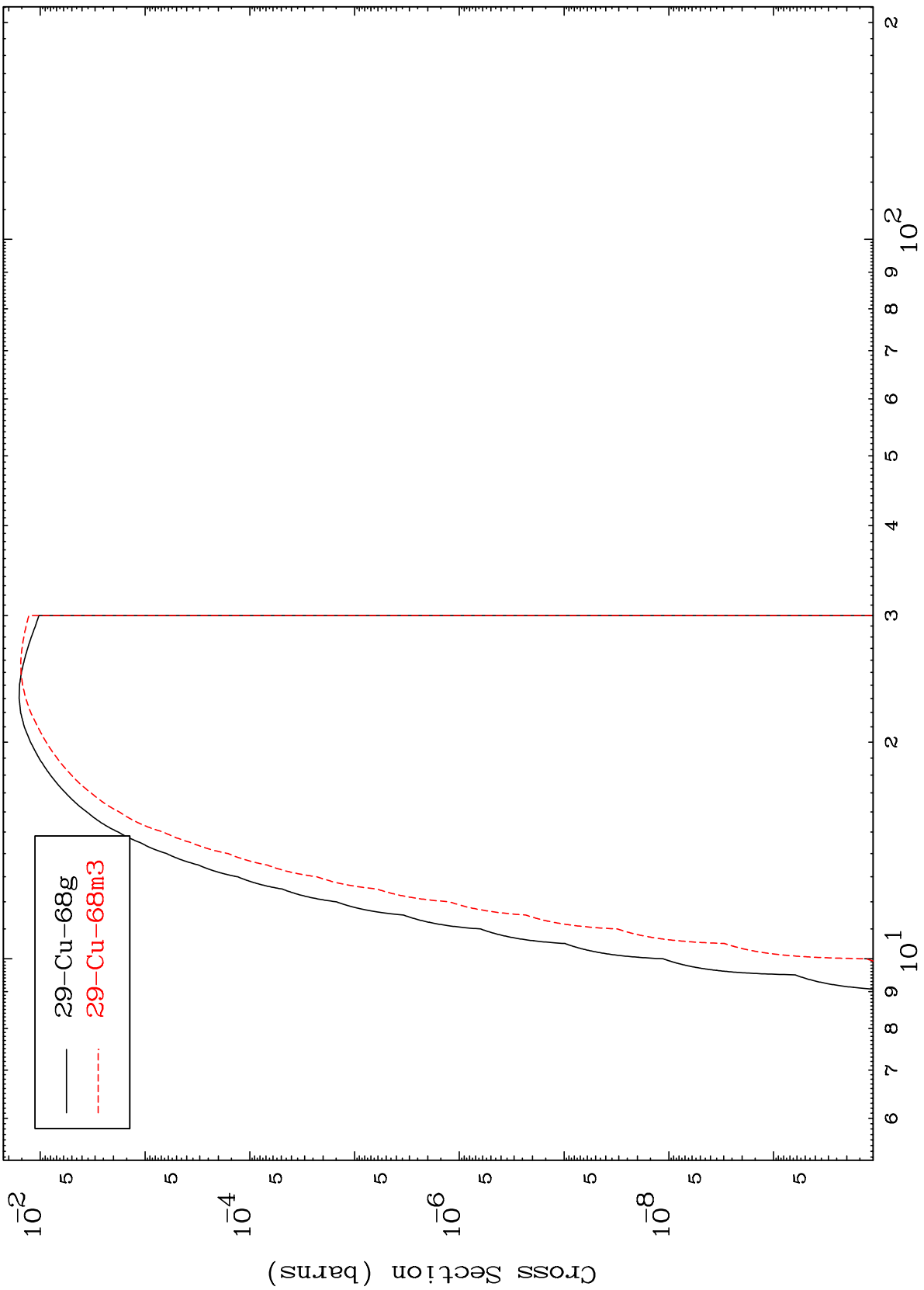
30-Zn-69g  
30-Zn-69m1

MAT 3134

$(n, n') \alpha$

31-Ga-72

Radionuclide Production Cross Section



Legend:  
— 29-Cu-68g  
- - - 29-Cu-68m3

115

Incident Energy (MeV)

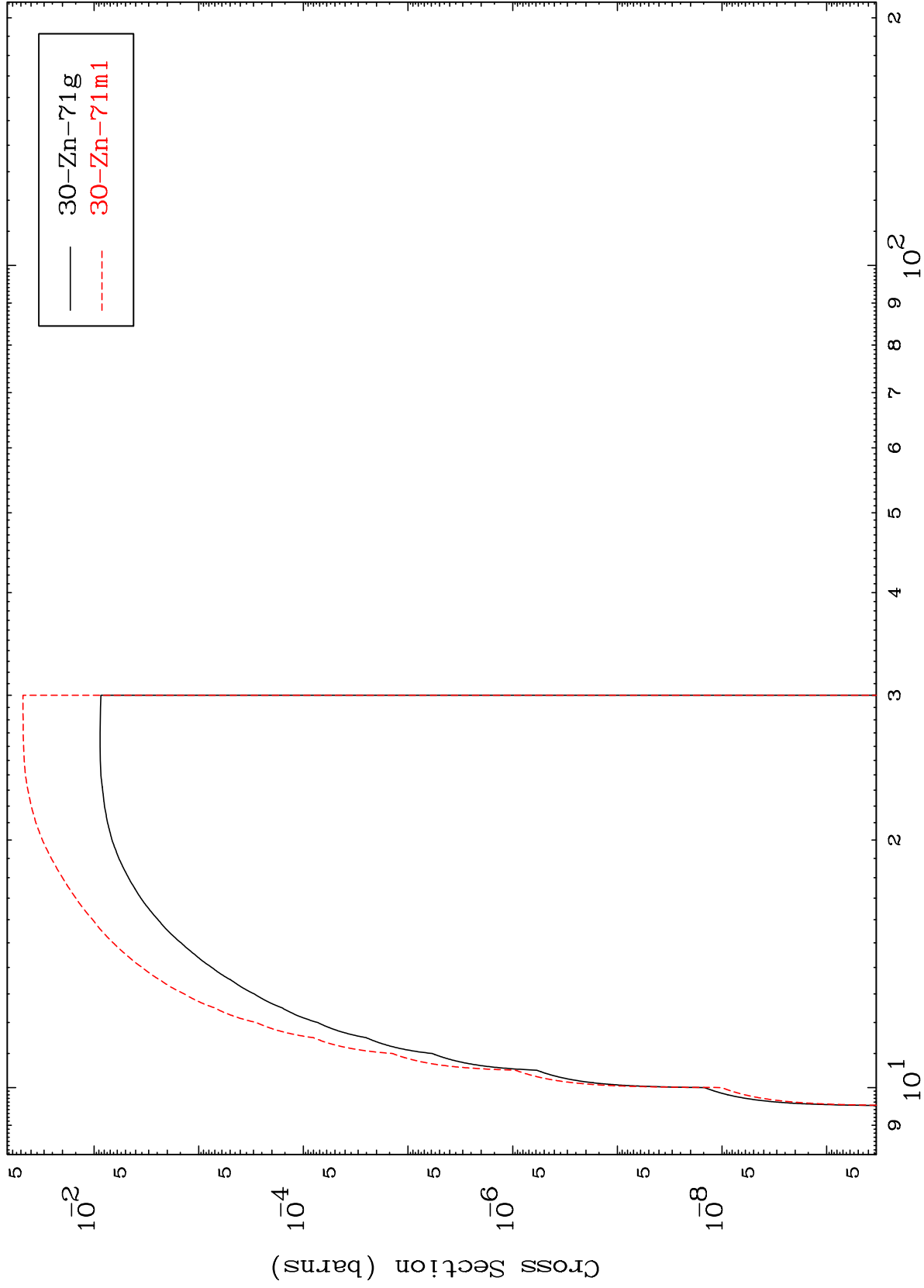
31-Ga-72

MAT 3134

(n,n') p

31-Ga-72

Radionuclide Production Cross Section



116

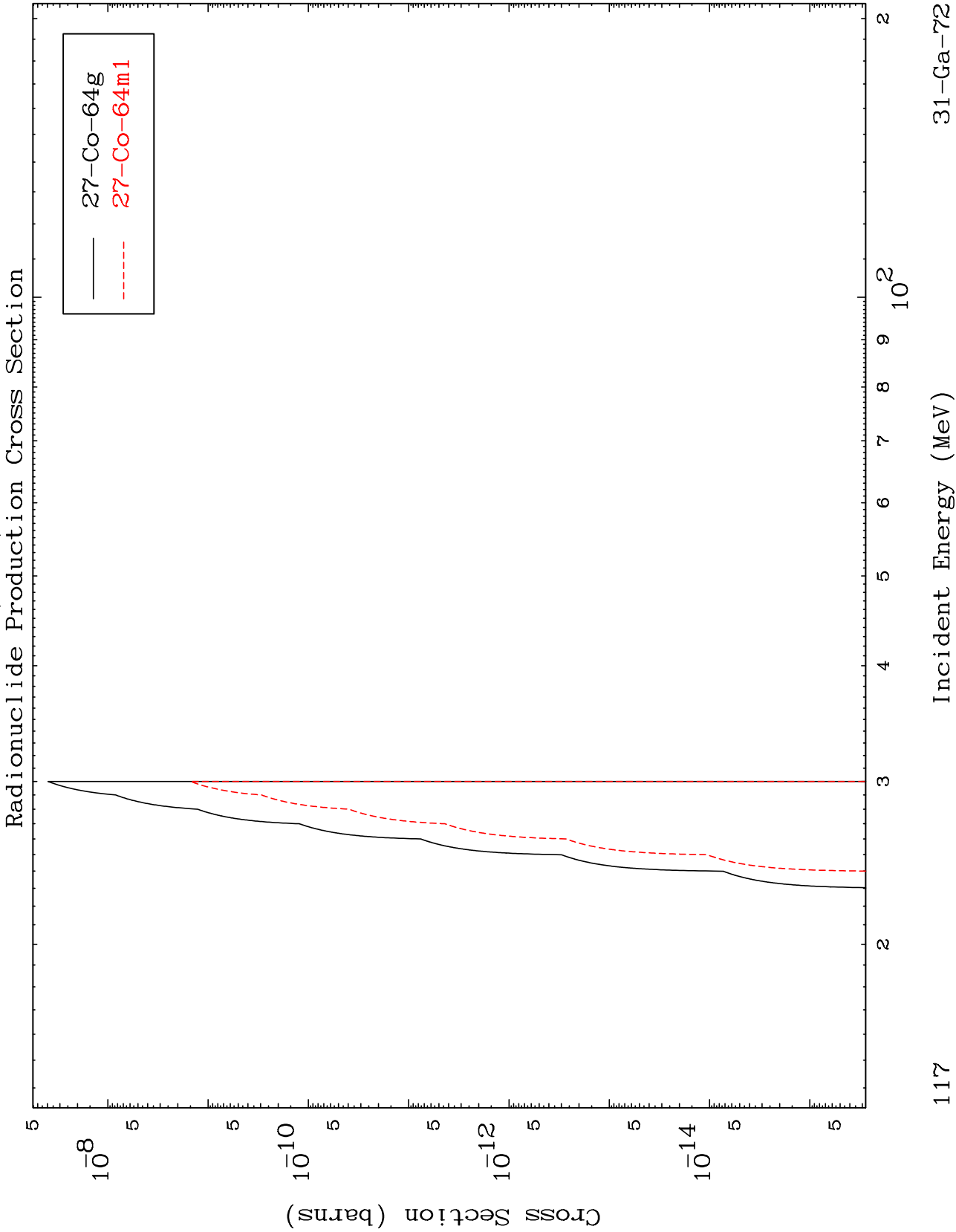
Incident Energy (MeV)

31-Ga-72

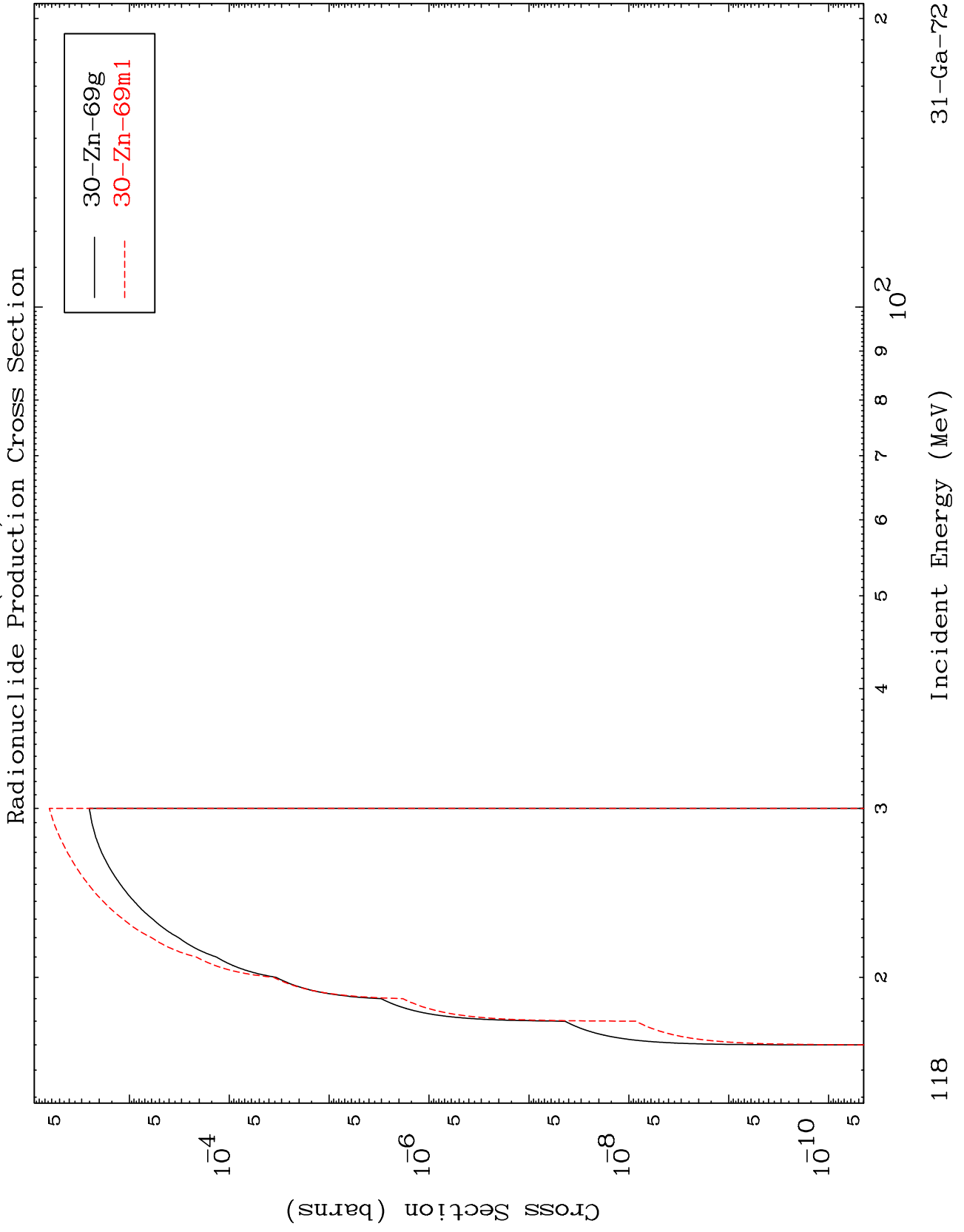
MAT 3134

(n,n') 2 $\alpha$

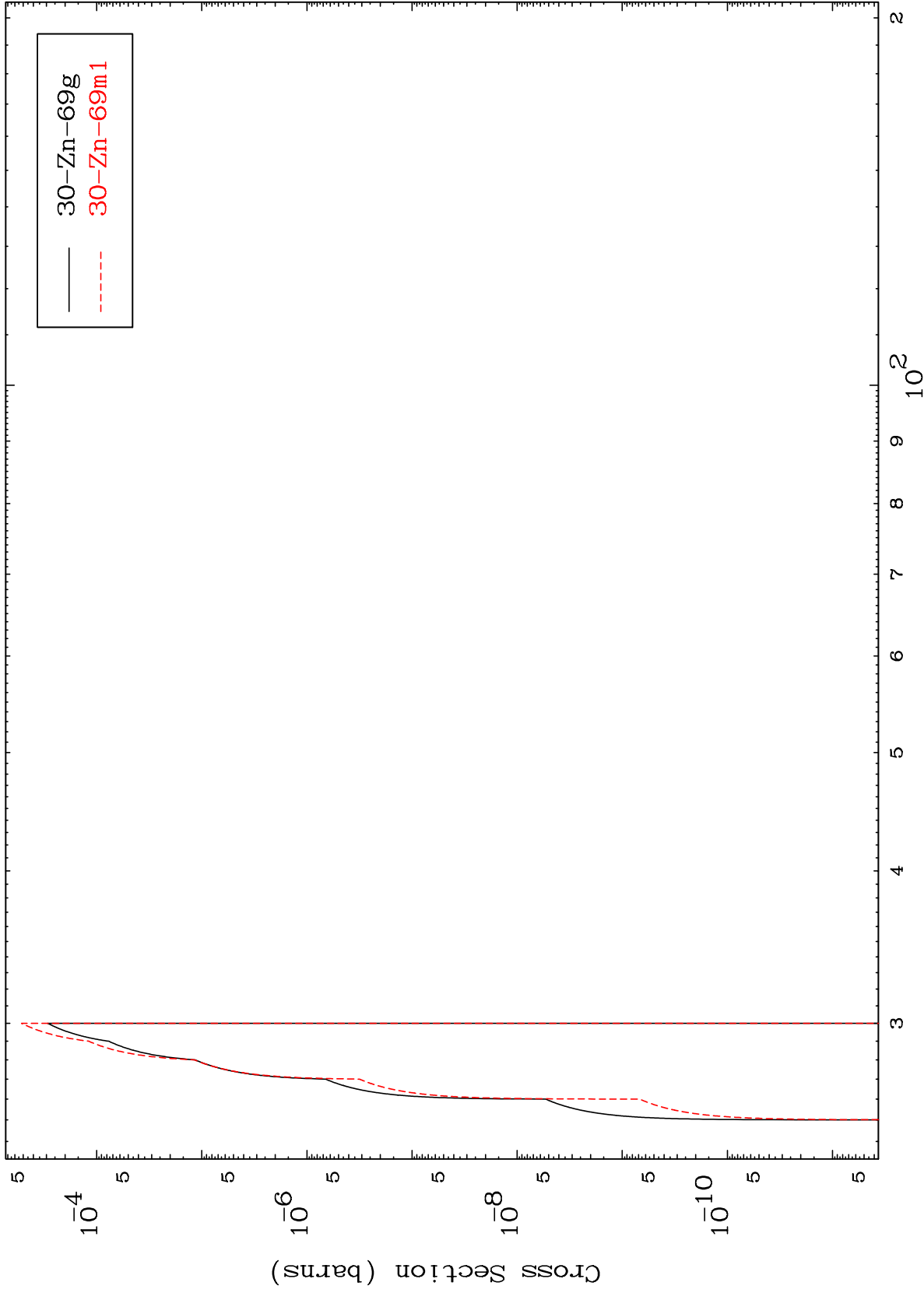
31-Ga-72



117



Radionuclide Production Cross Section

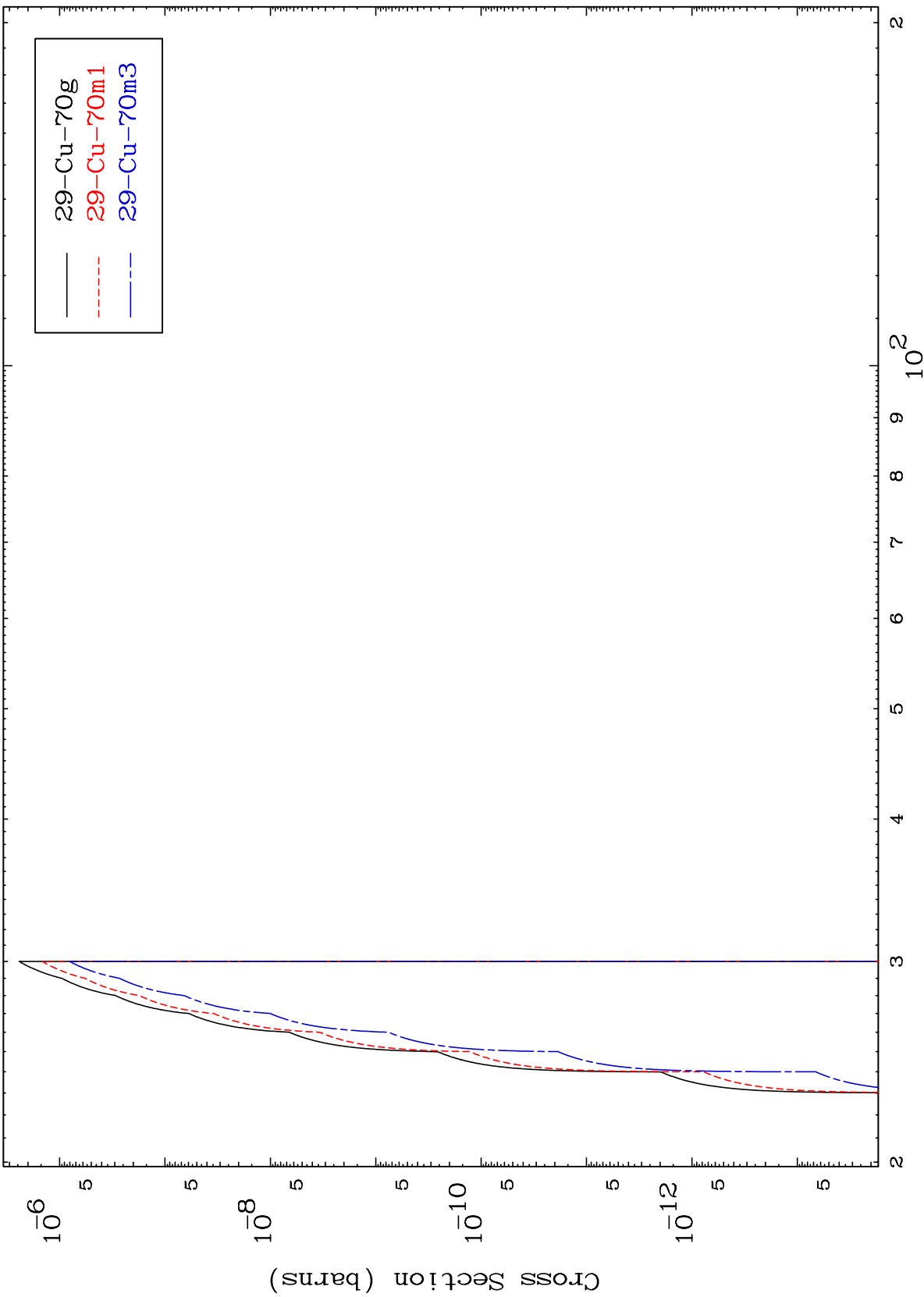


MAT 3134

(n,2n) p

31-Ga-72

Radionuclide Production Cross Section



120

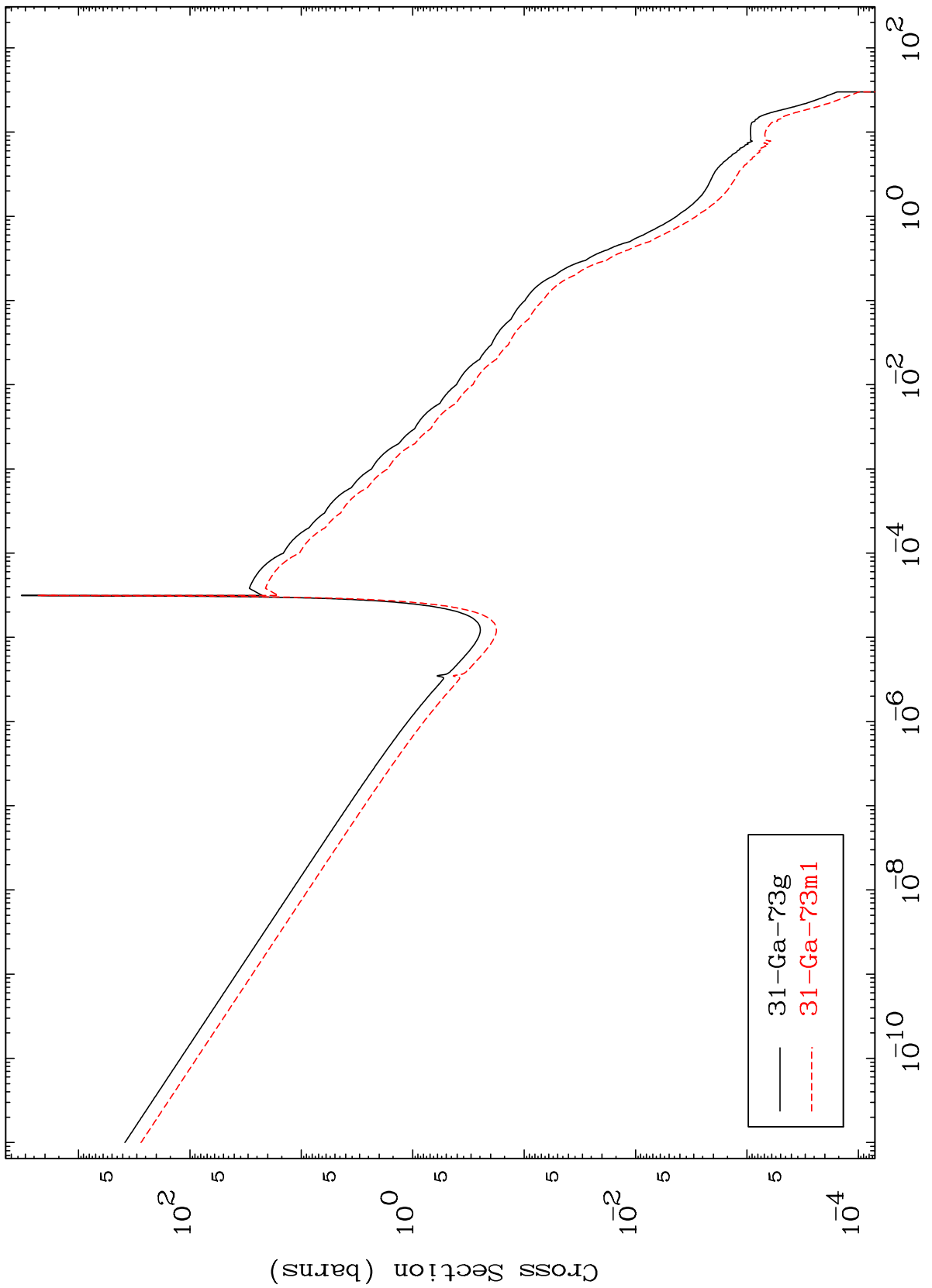
Incident Energy (MeV)

31-Ga-72

MAT 3134

<sup>31</sup>Ga-72

(n,γ)  
Radionuclide Production Cross Section



121

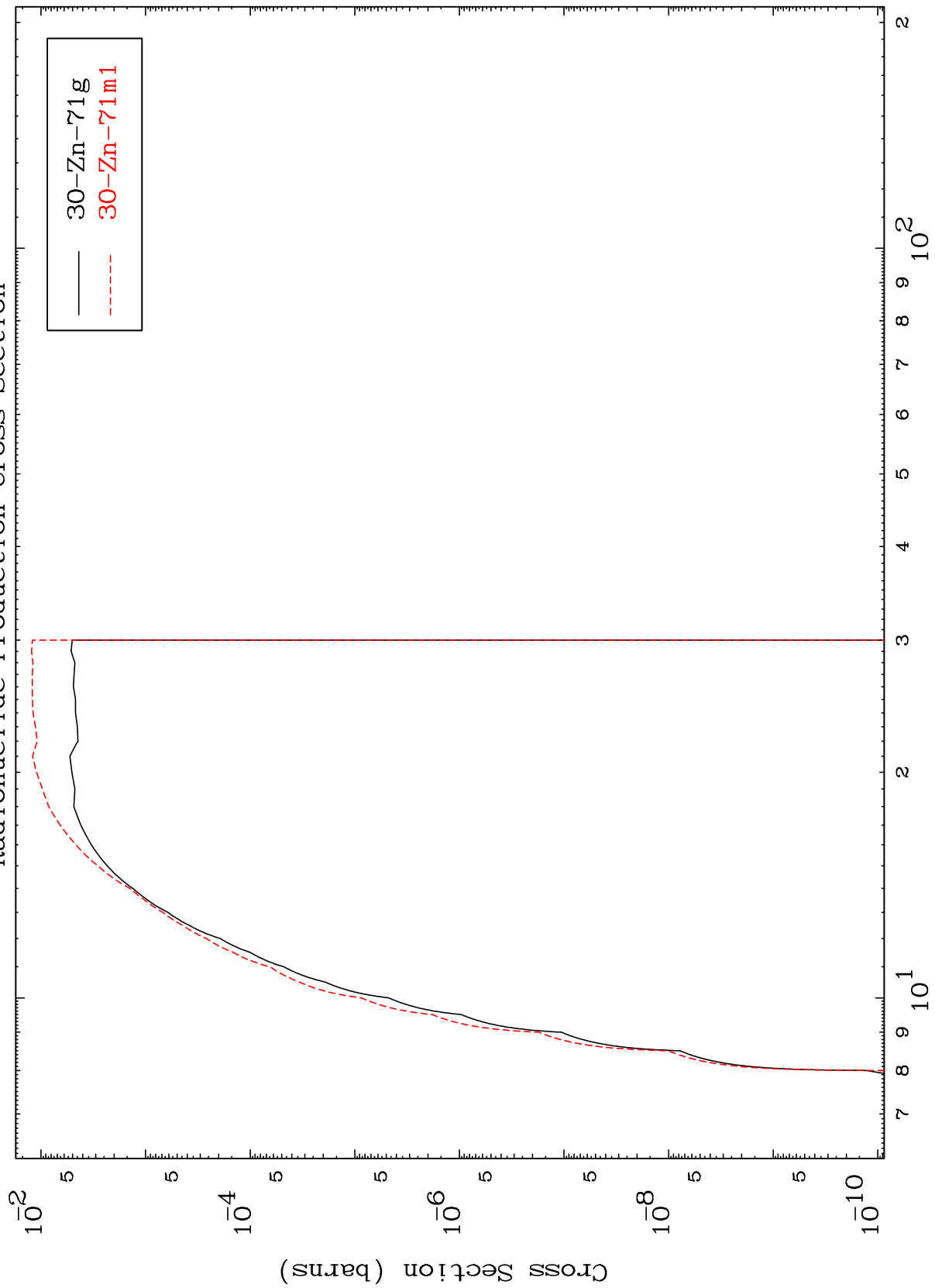
<sup>31</sup>Ga-72

Incident Energy (MeV)

MAT 3134

31-Ga-72

(n,d)  
Radionuclide Production Cross Section



31-Ga-72

Incident Energy (MeV)

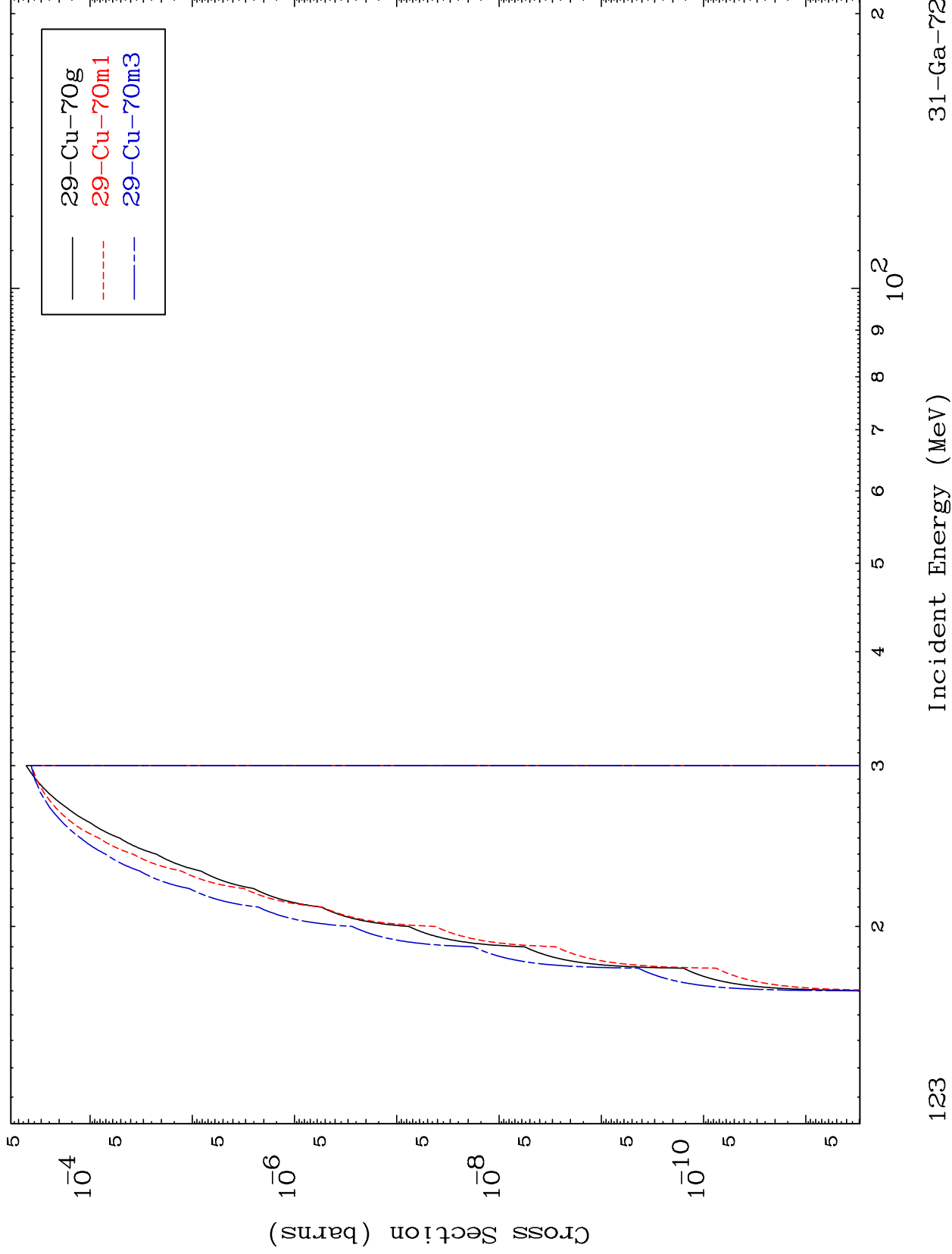
122

MAT 3134

(n,He-3)

31-Ga-72

Radionuclide Production Cross Section



123

Incident Energy (MeV)

31-Ga-72

