

Program EVALPLOT  
(Version 2015-2)

by

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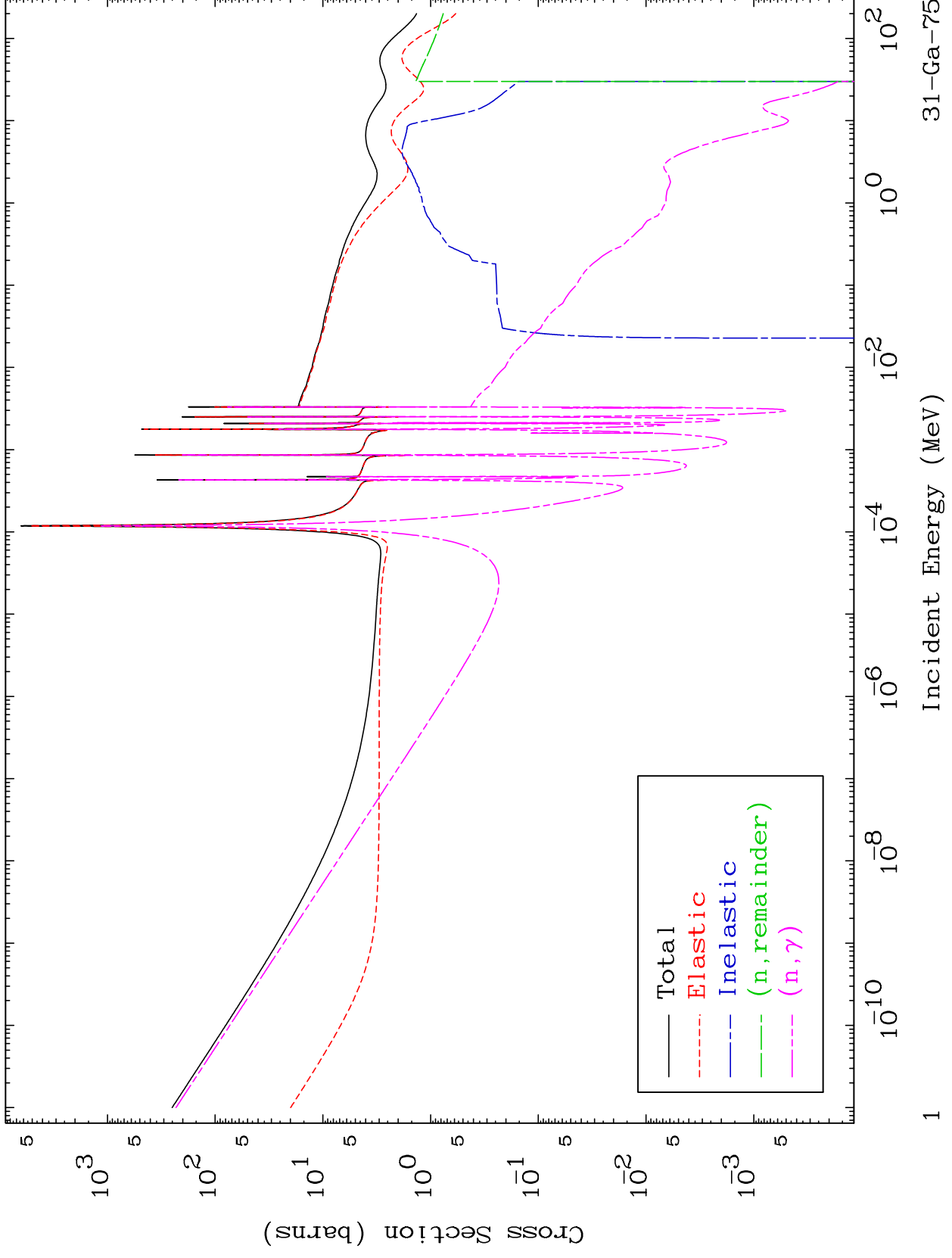
Press Mouse Button to Start

MAT 3143

Major

293 Kelvin Cross Sections

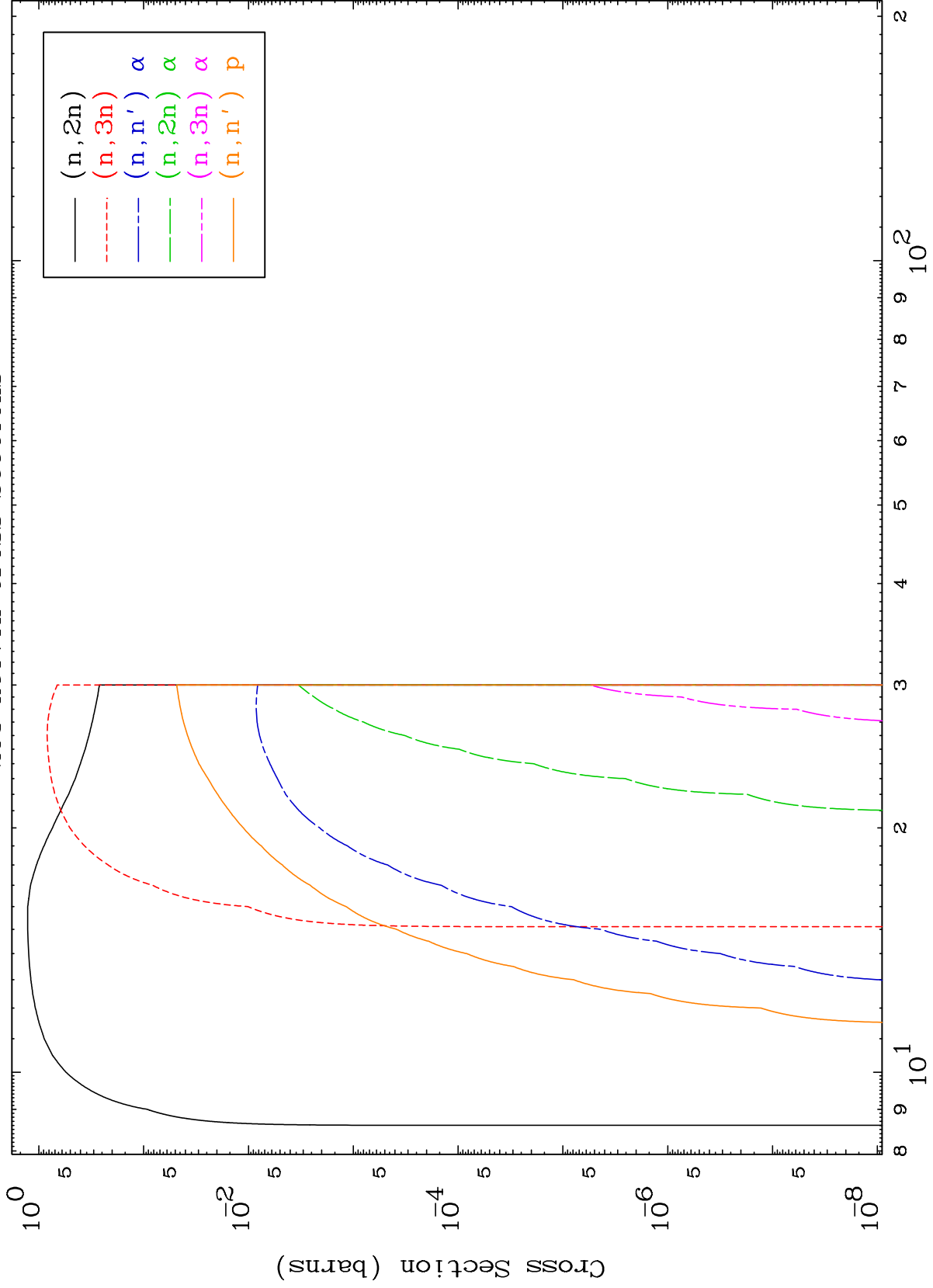
31-Ga-75



MAT 3143

Neutron Production  
293 Kelvin Cross Sections

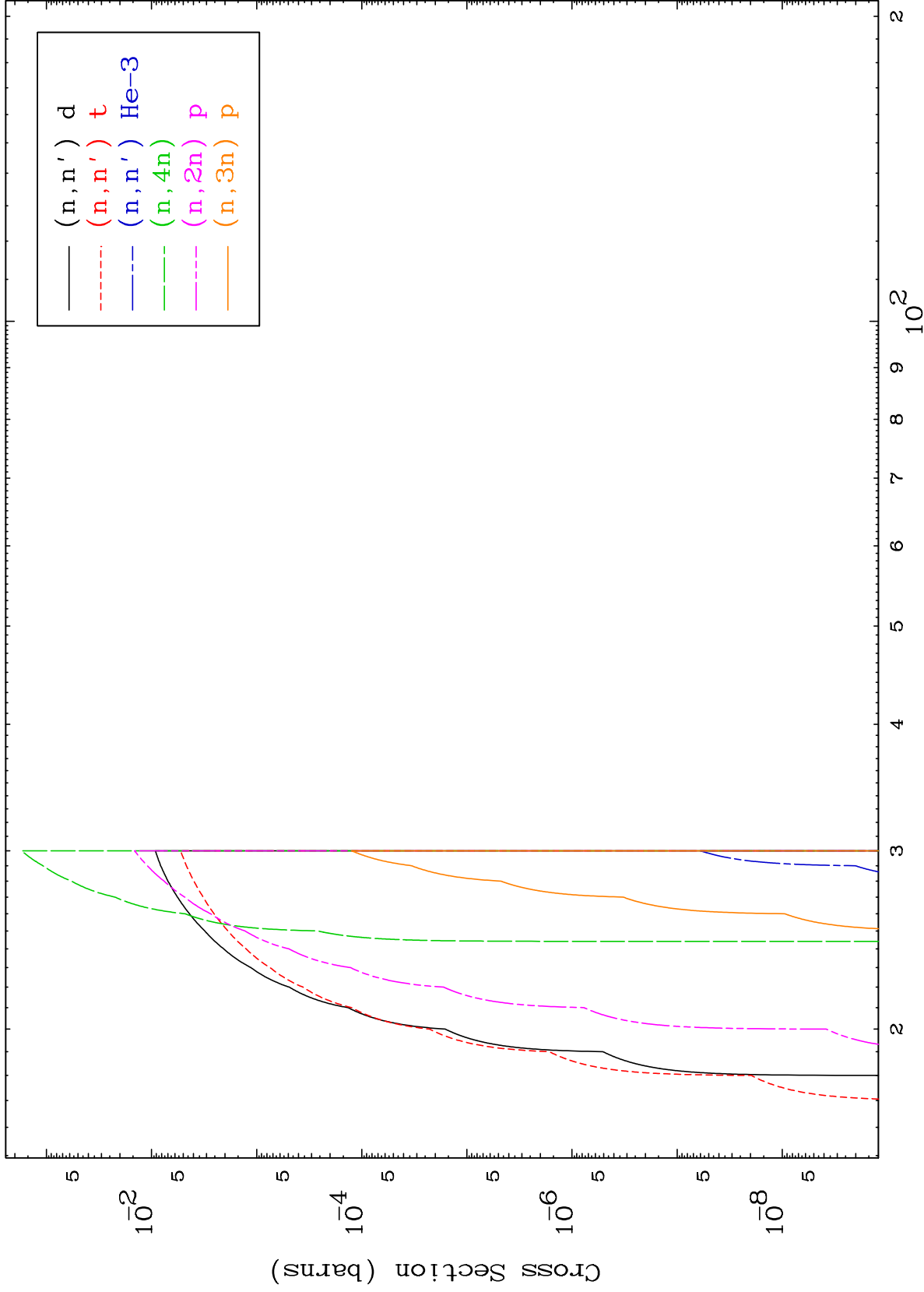
31-Ga-75



2

Incident Energy (MeV)

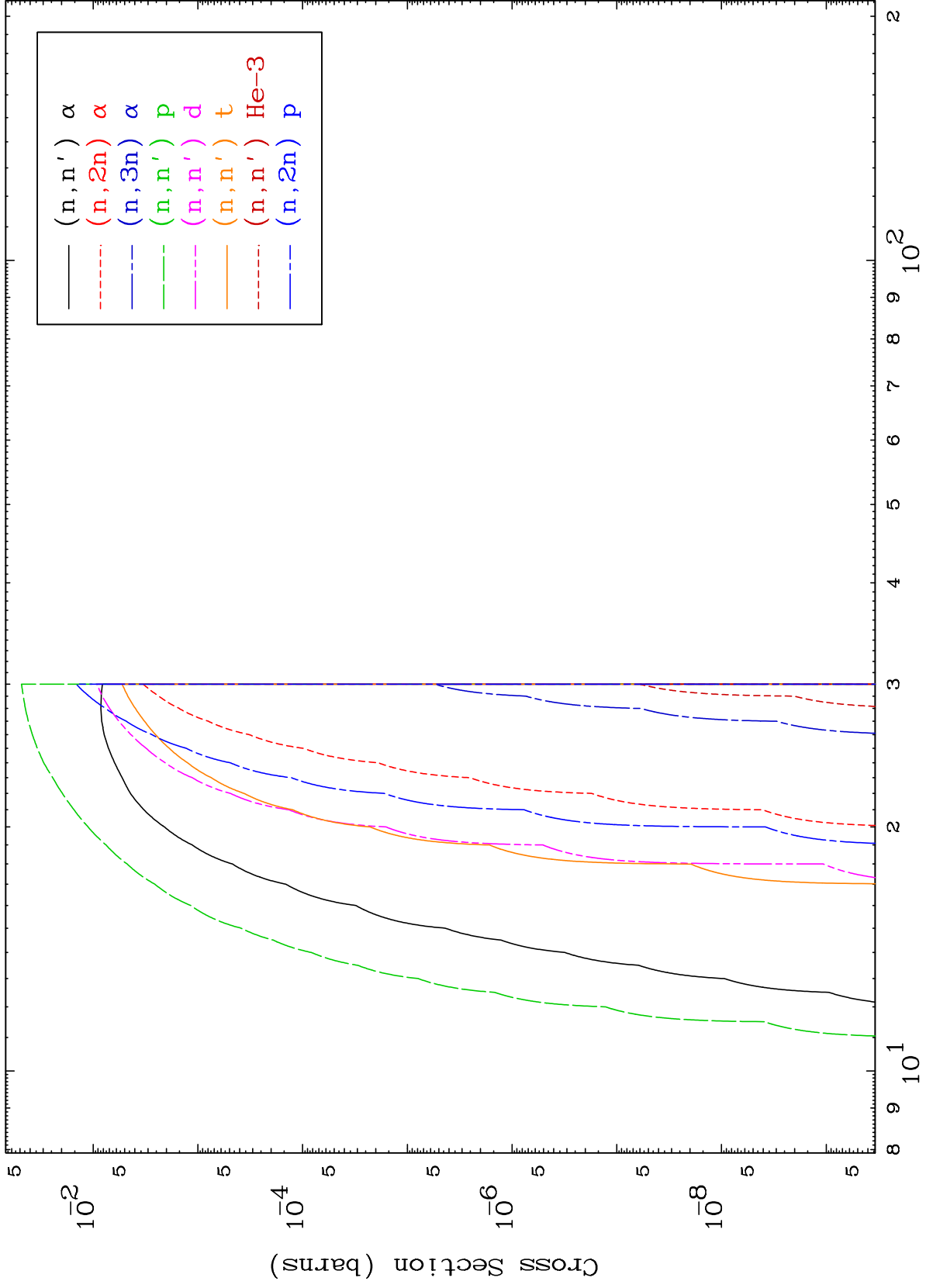
31-Ga-75



MAT 3143

Charged Particle  
293 Kelvin Cross Sections

31-Ga-75



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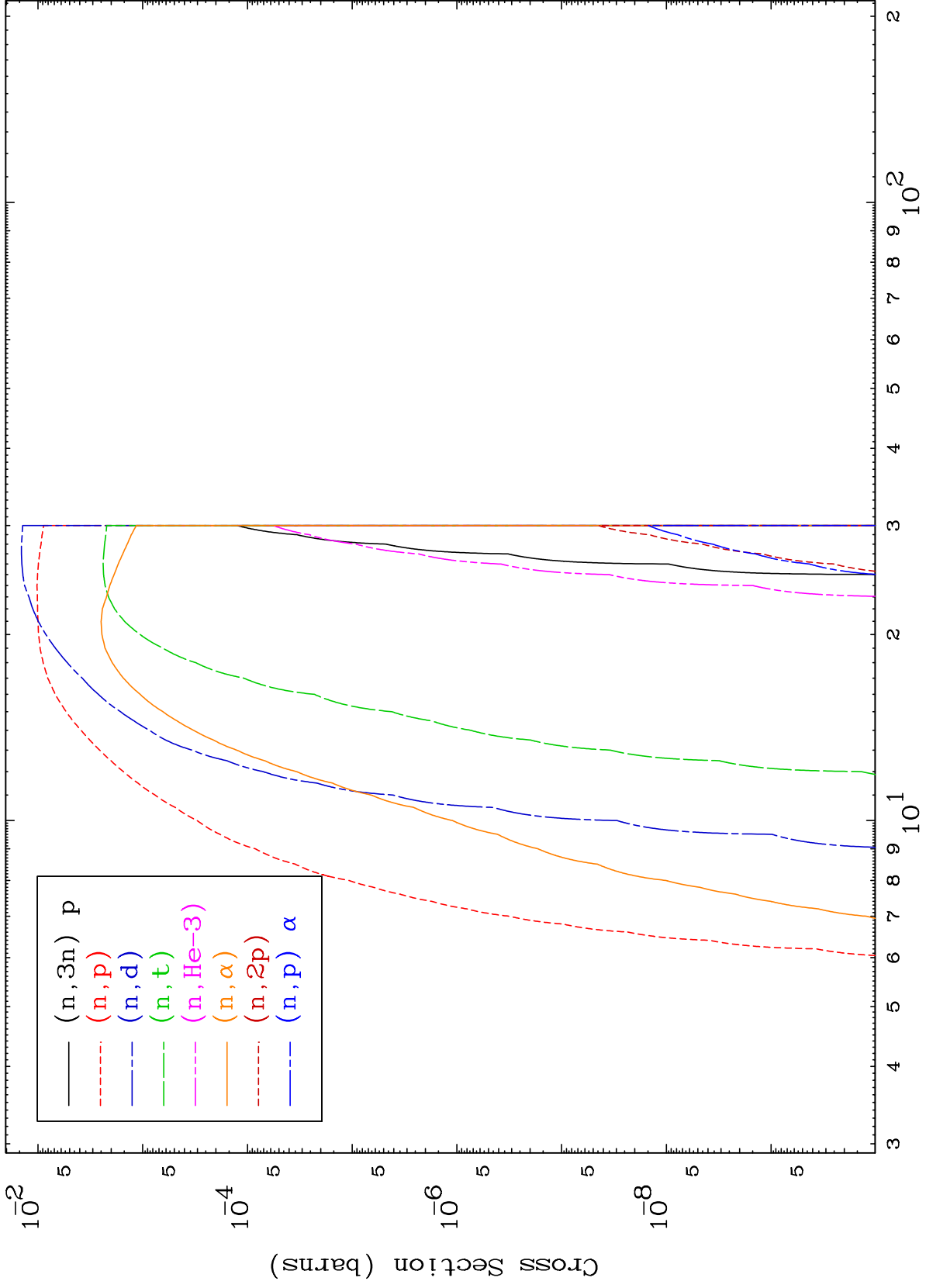
Incident Energy (MeV)

31-Ga-75

MAT 3143

Charged Particle  
293 Kelvin Cross Sections

31-Ga-75



5

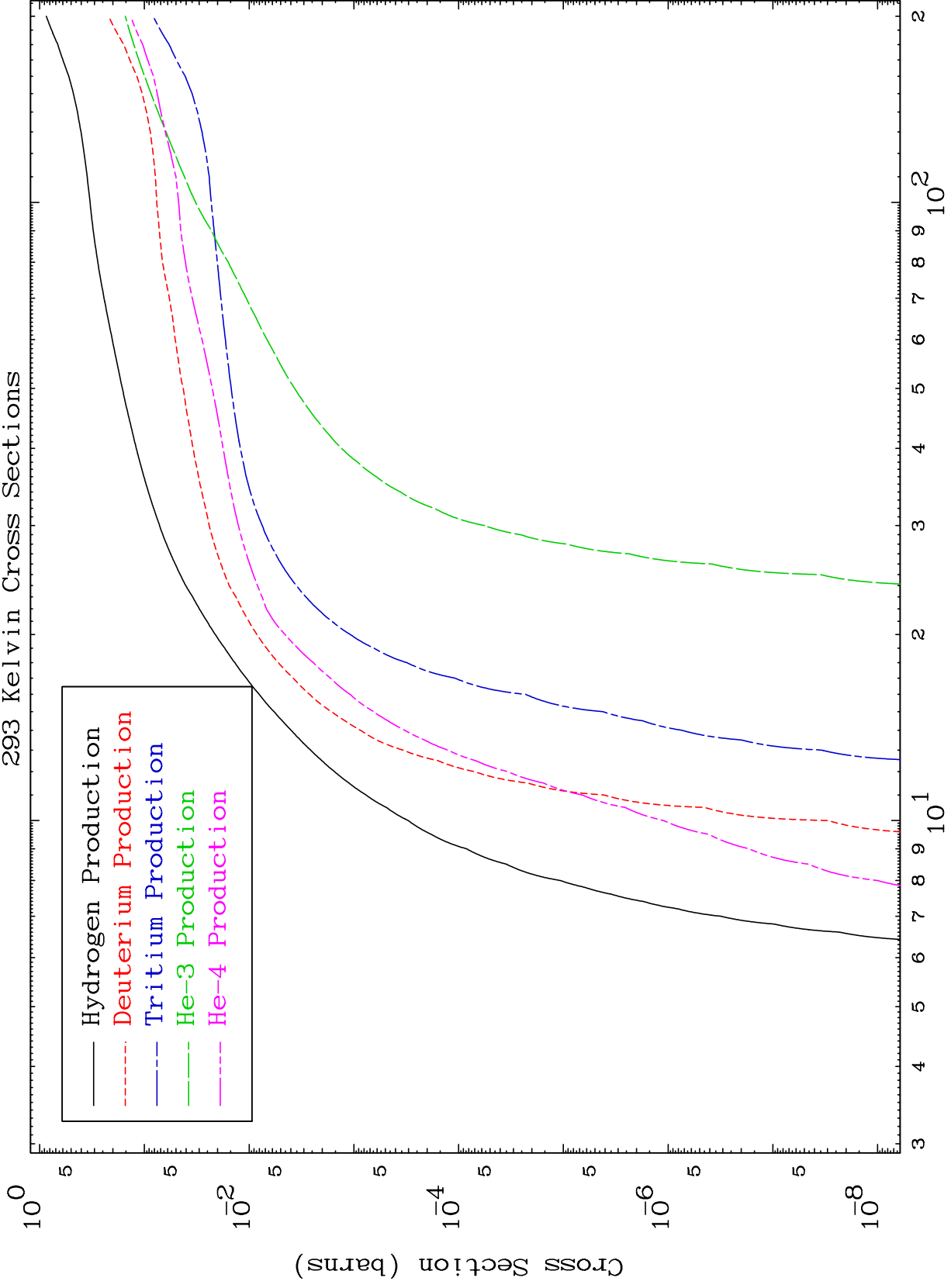
Incident Energy (MeV)

31-Ga-75

MAT 3143

Particle Production  
293 Kelvin Cross Sections

31-Ga-75



6

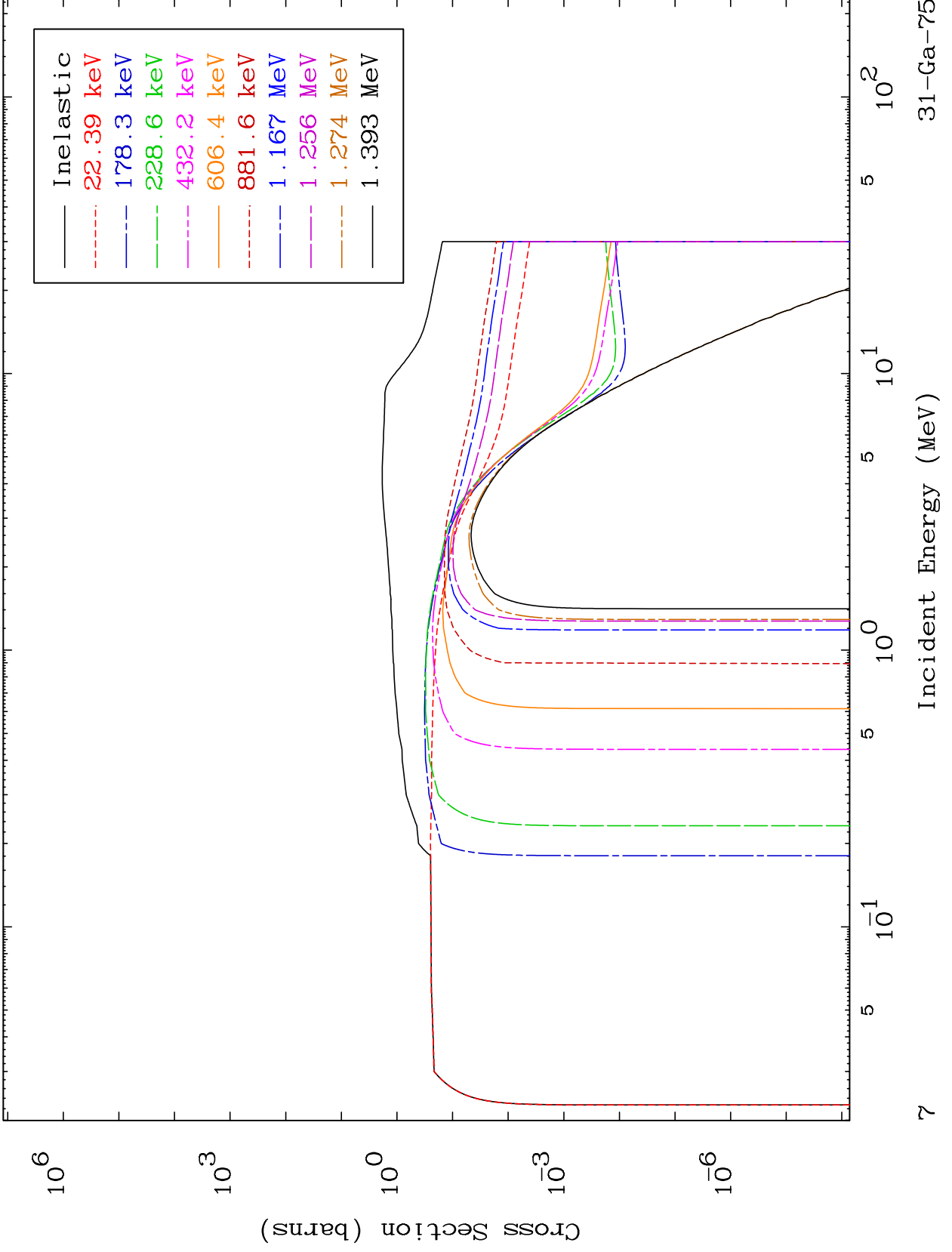
Incident Energy (MeV)

31-Ga-75

MAT 3143

(n,n') Level  
293 Kelvin Cross Sections

31-Ga-75

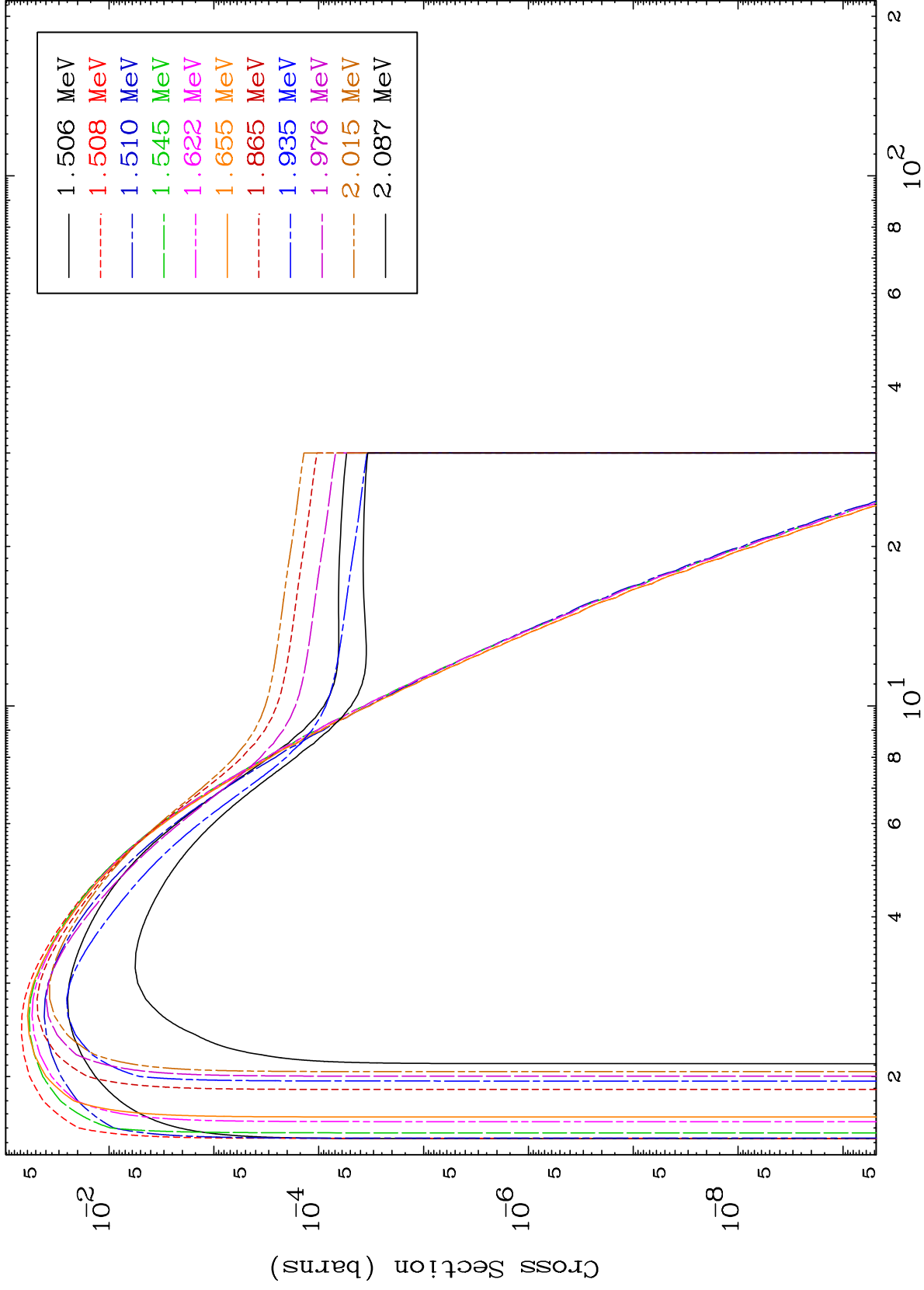




MAT 3143

(n,n') Level  
293 Kelvin Cross Sections

31-Ga-75



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Incident Energy (MeV)

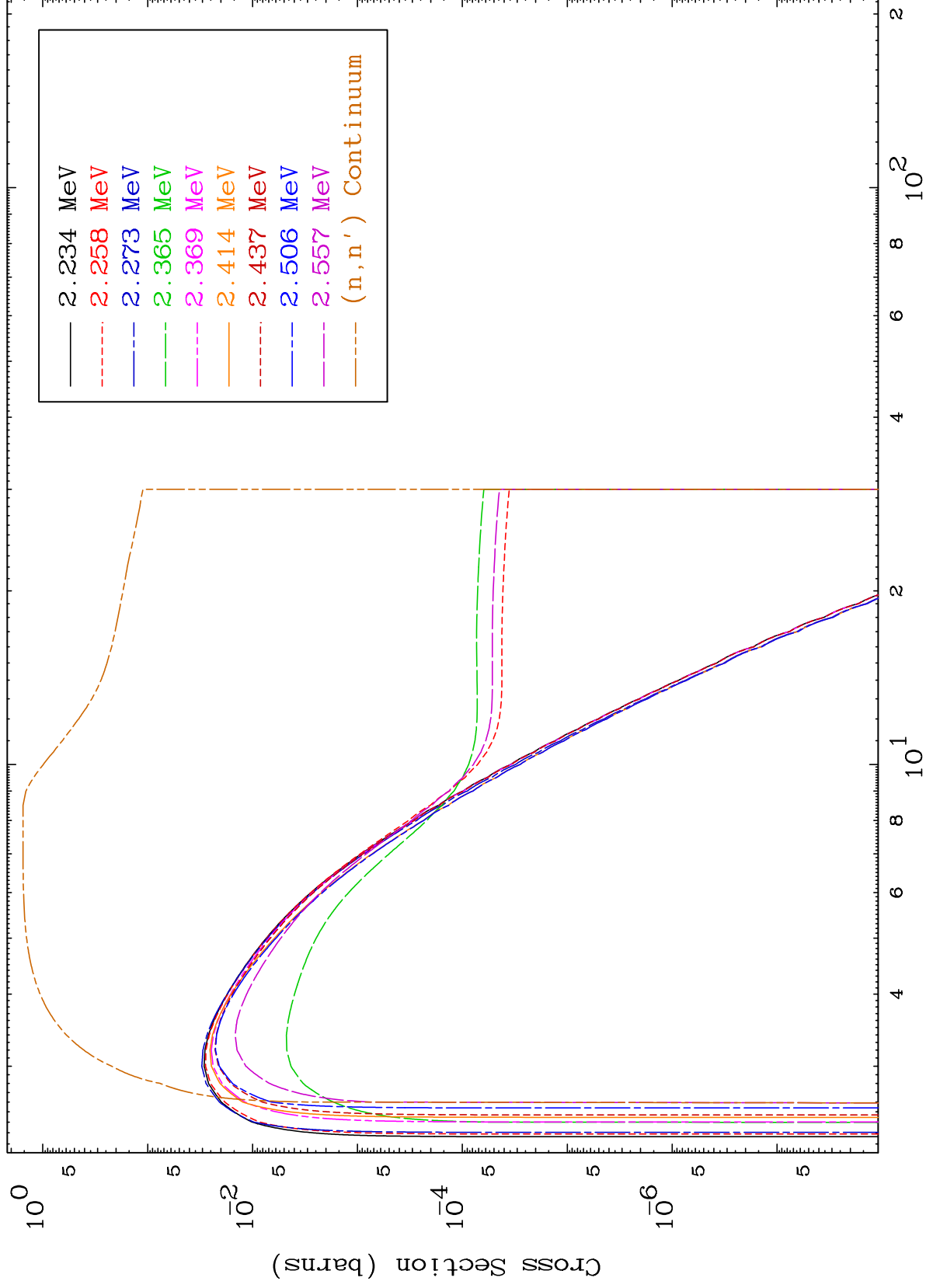
31-Ga-75

MAT 3143

(n,n') Level

31-Ga-75

293 Kelvin Cross Sections



9

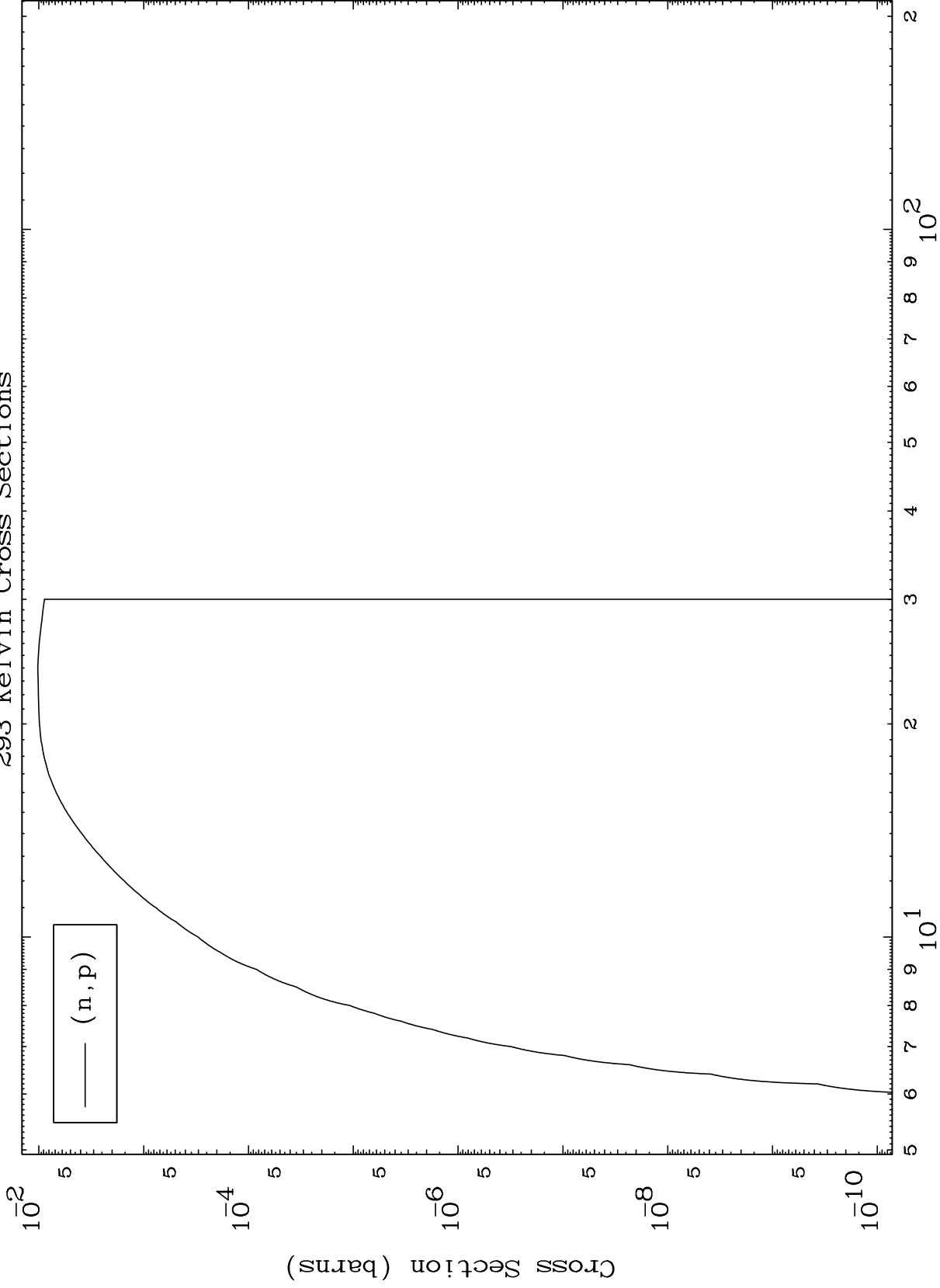
Incident Energy (MeV)

31-Ga-75

MAT 3143

(n,p) Levels  
293 Kelvin Cross Sections

31-Ga-75



10

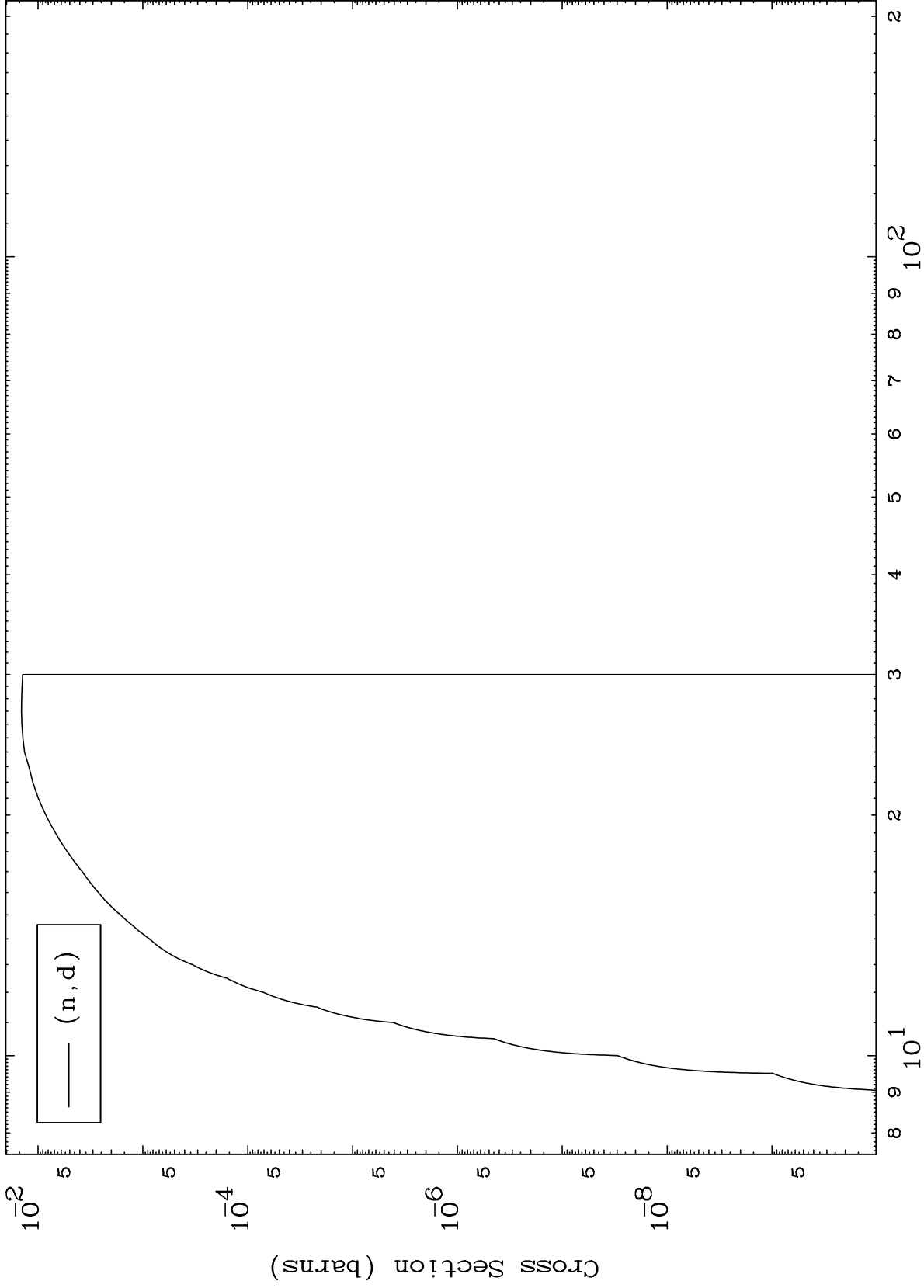
Incident Energy (MeV)

31-Ga-75

MAT 3143

(n,d) Levels  
293 Kelvin Cross Sections

31-Ga-75



11

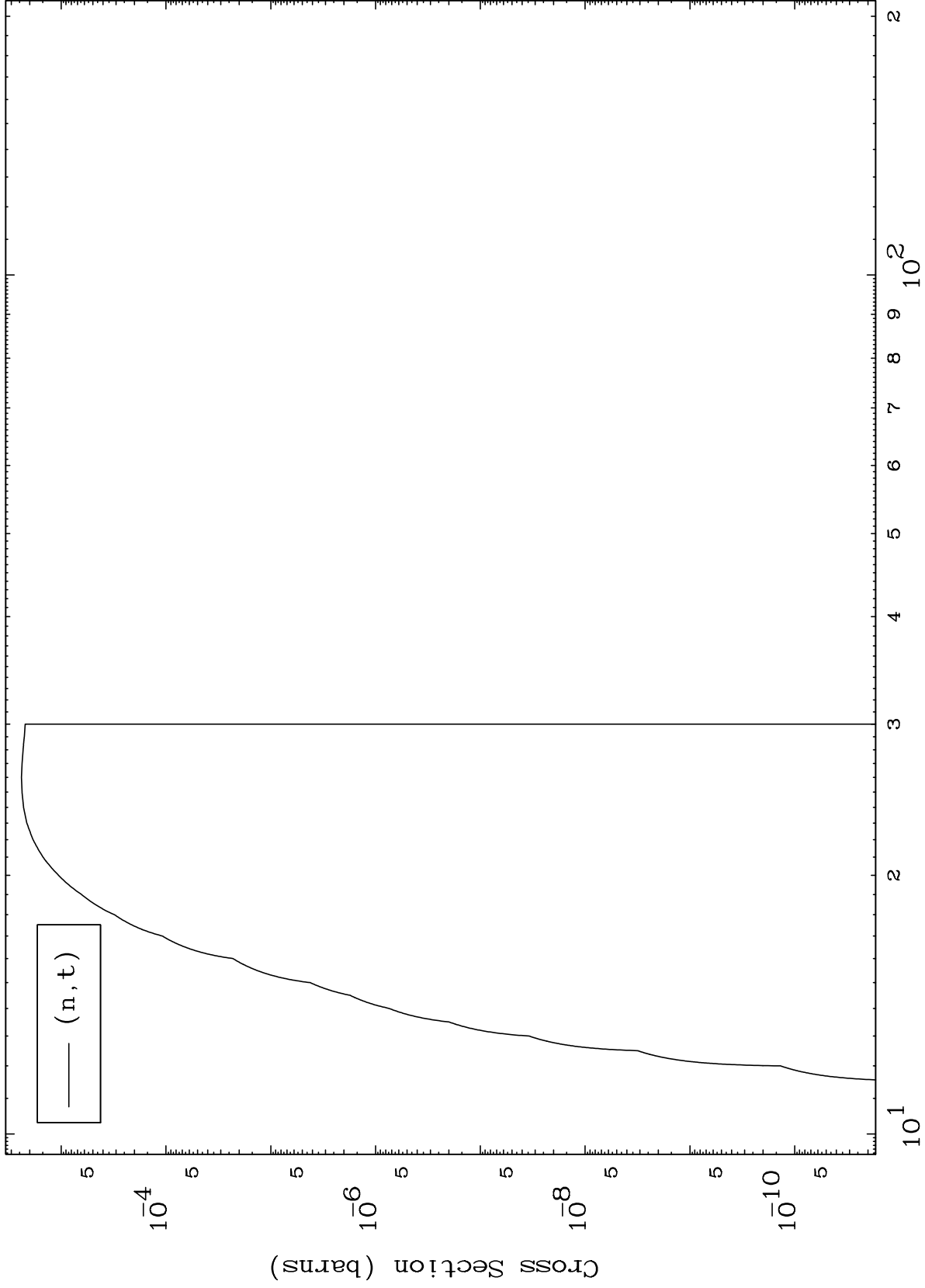
Incident Energy (MeV)

31-Ga-75

MAT 3143

(n,t) Levels  
293 Kelvin Cross Sections

31-Ga-75



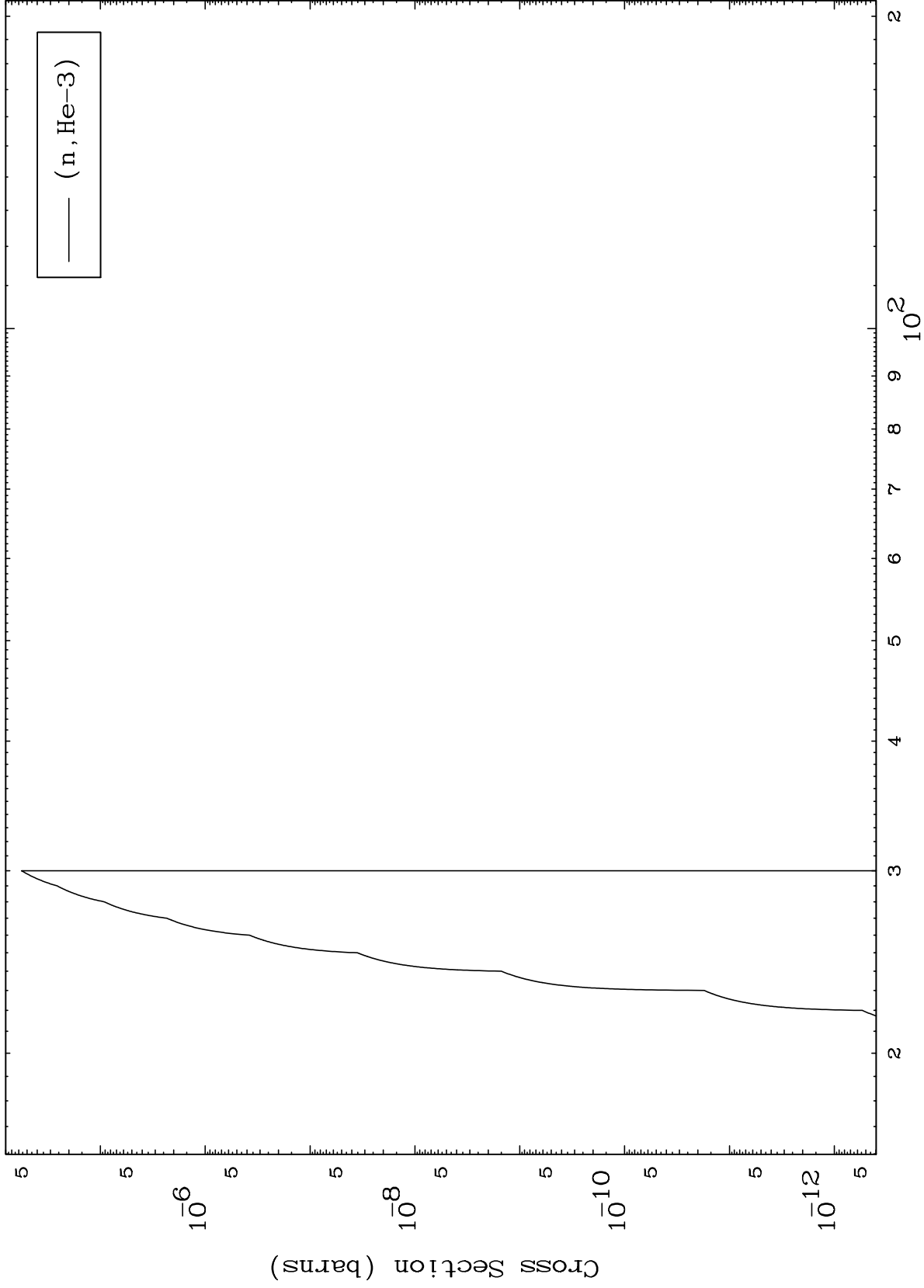
Incident Energy (MeV)

31-Ga-75

MAT 3143

(n,He3) Levels  
293 Kelvin Cross Sections

31-Ga-75



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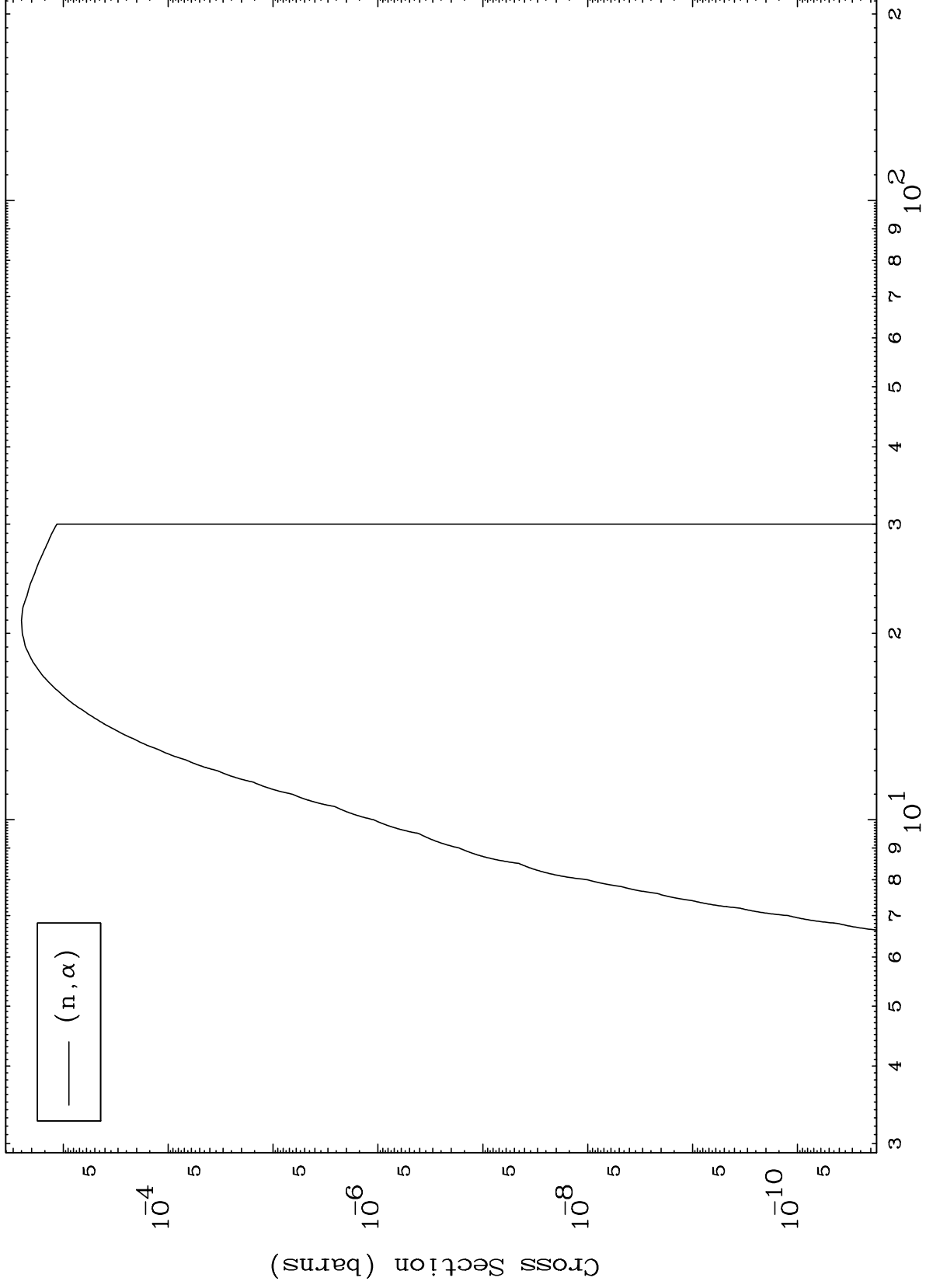
Incident Energy (MeV)

31-Ga-75

MAT 3143

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

31-Ga-75

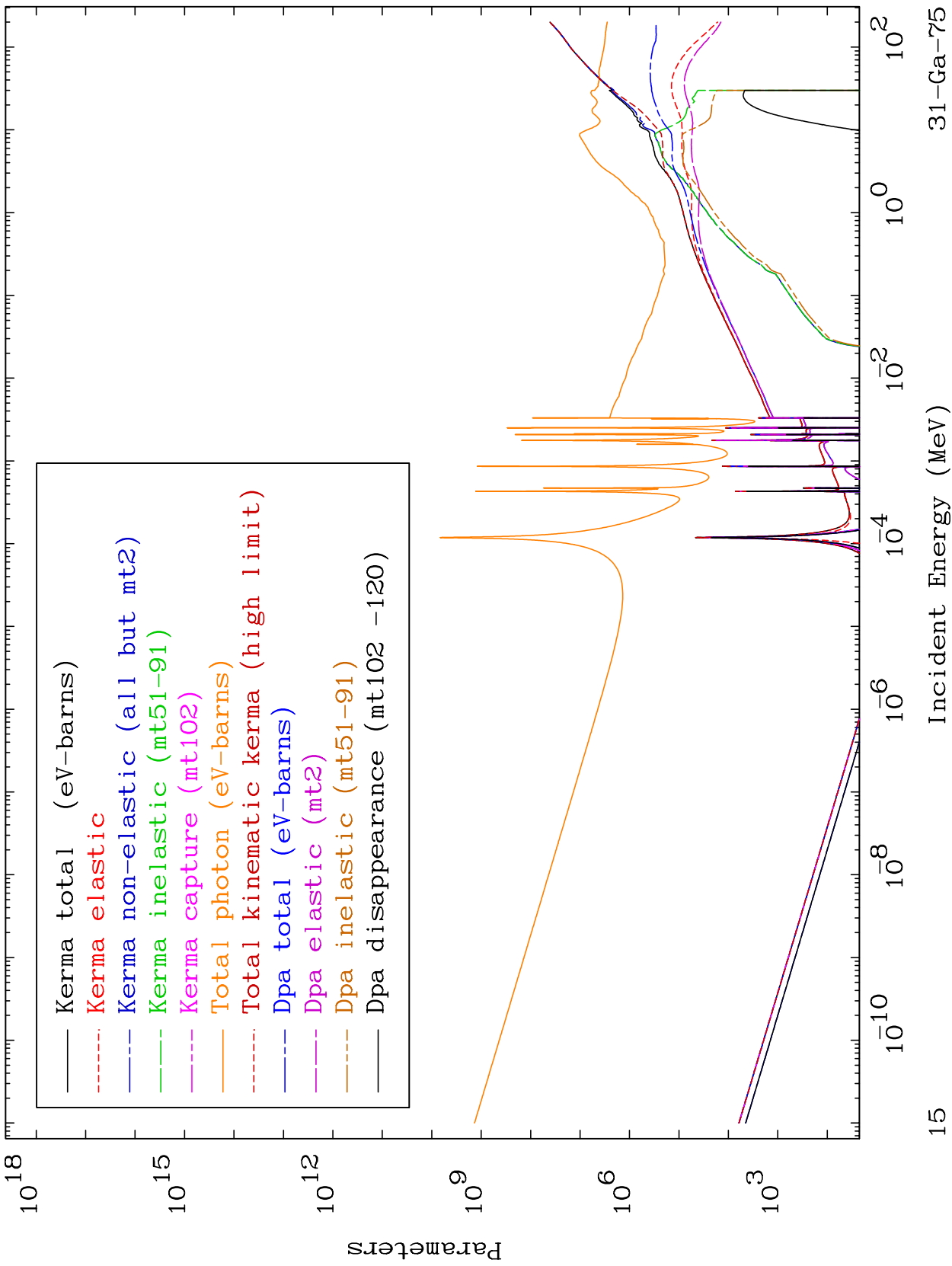


(n,  $\alpha$ )

Incident Energy (MeV)

31-Ga-75

14

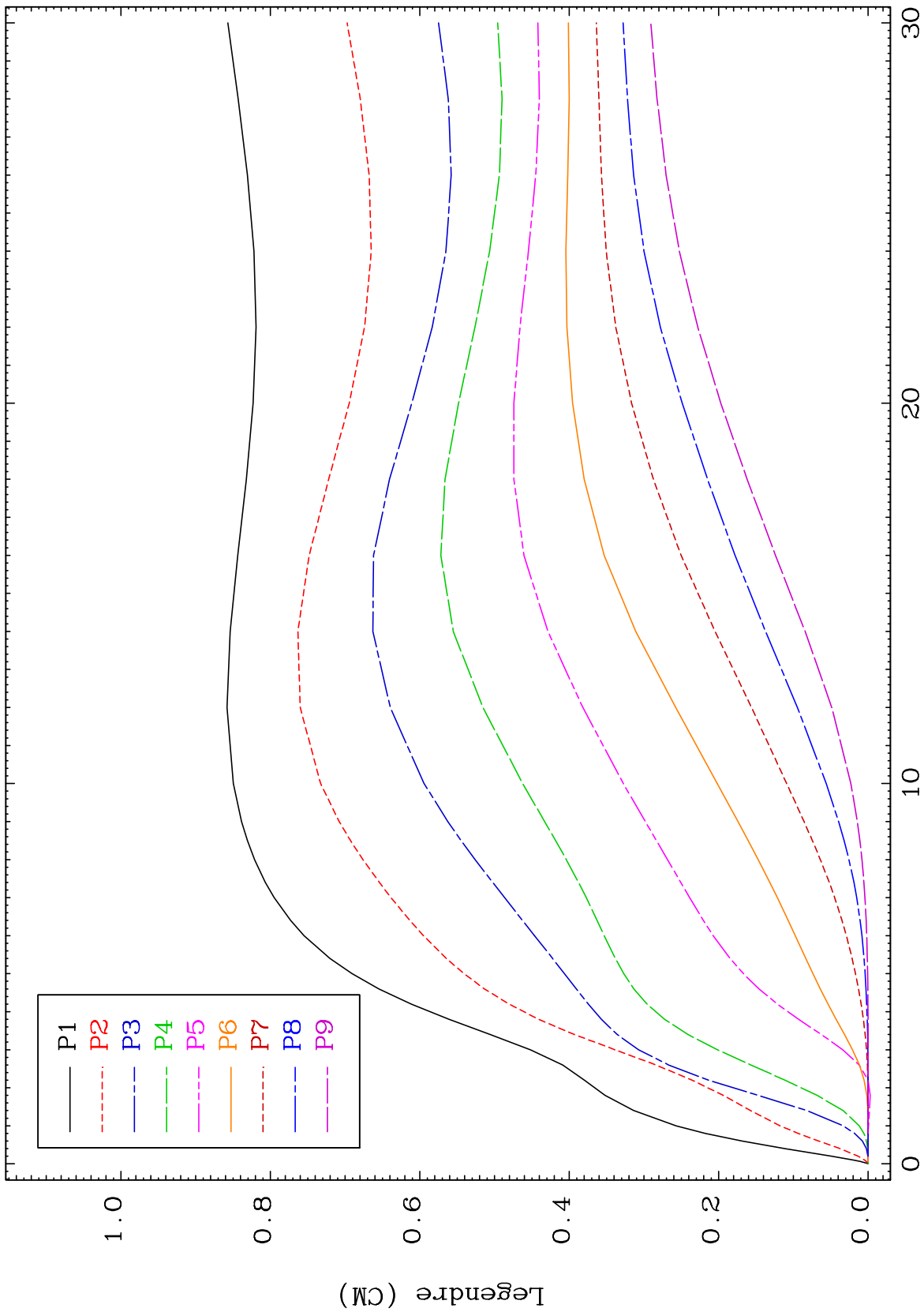




MAT 3143

Elastic Legendre Coefficients

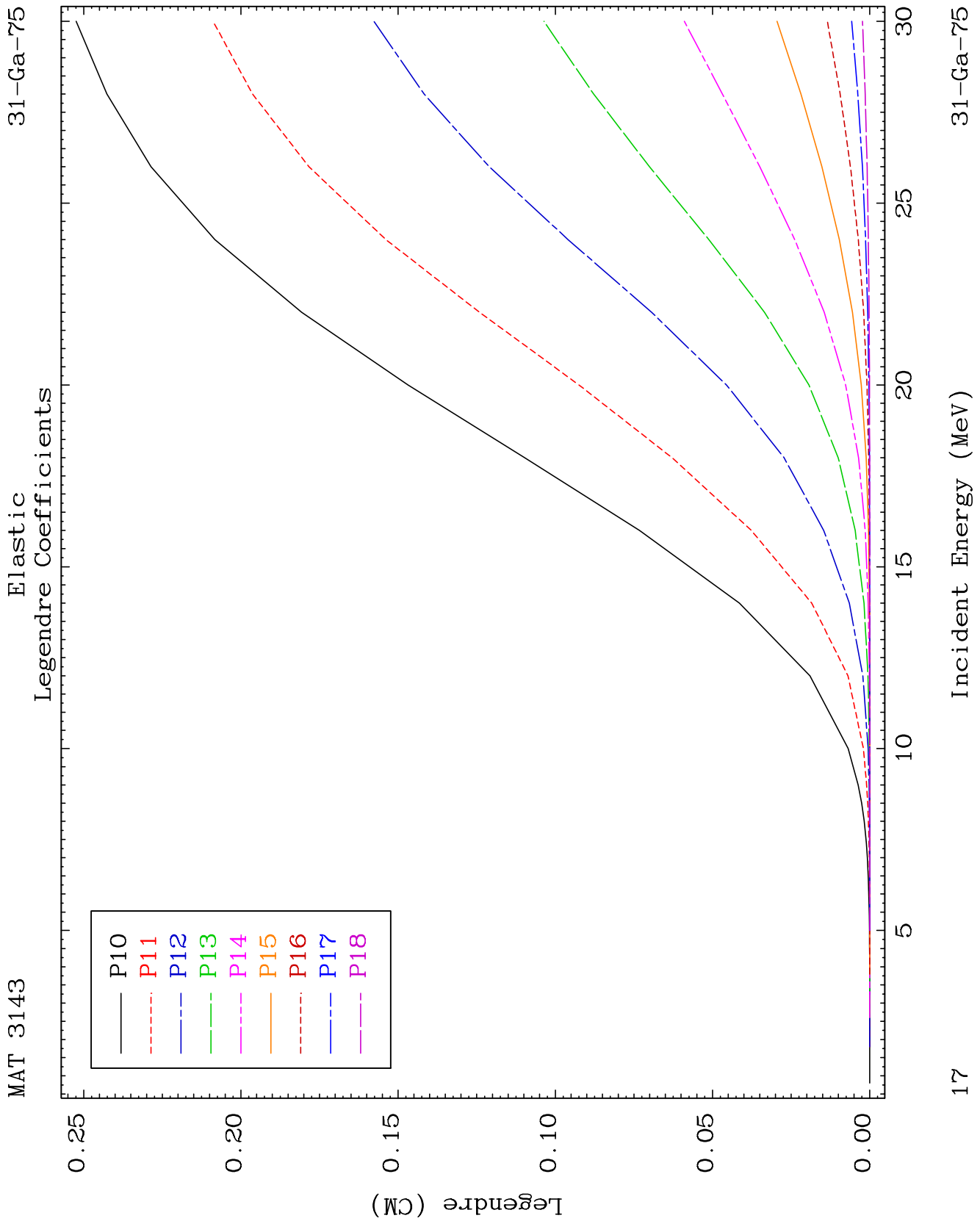
31-Ga-75



16

Incident Energy (MeV)

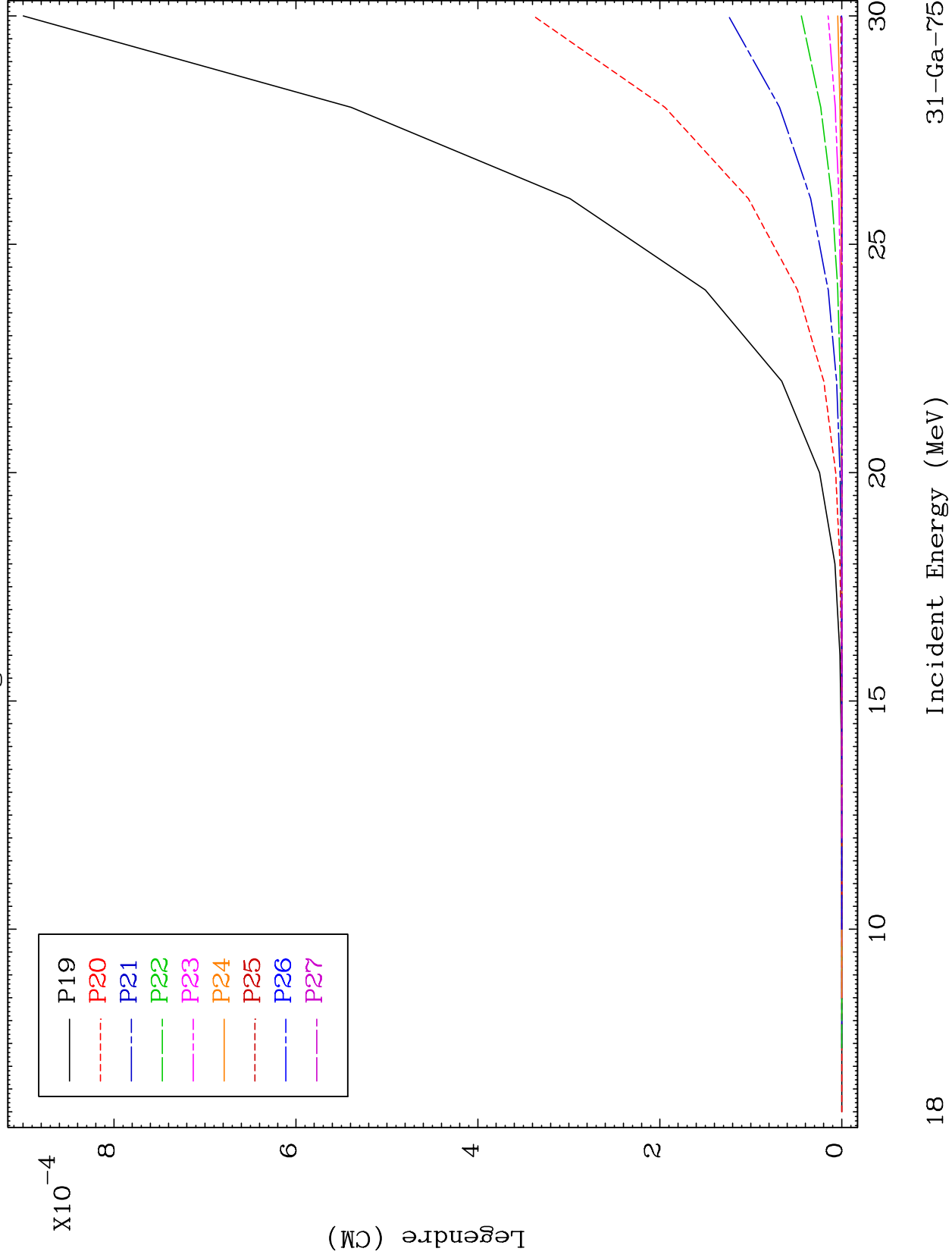
31-Ga-75



MAT 3143

Elastic Legendre Coefficients

<sup>31</sup>Ga-75



18

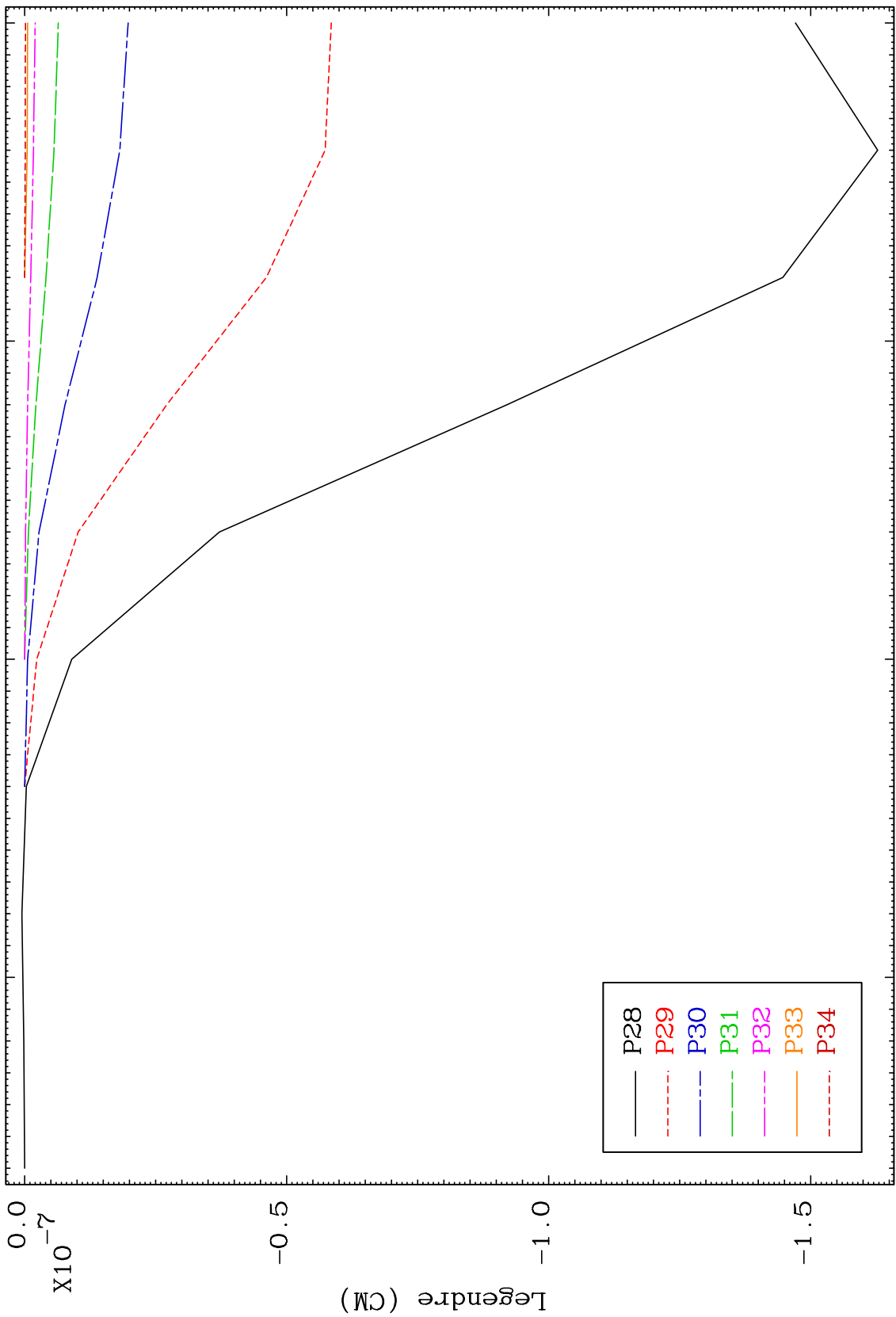
Incident Energy (MeV)

<sup>31</sup>Ga-75

MAT 3143

31-Ga-75

Elastic Legendre Coefficients

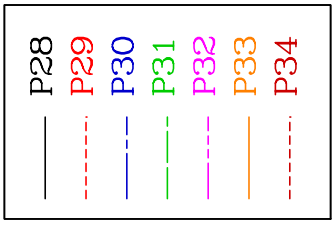


$10^{-7}$

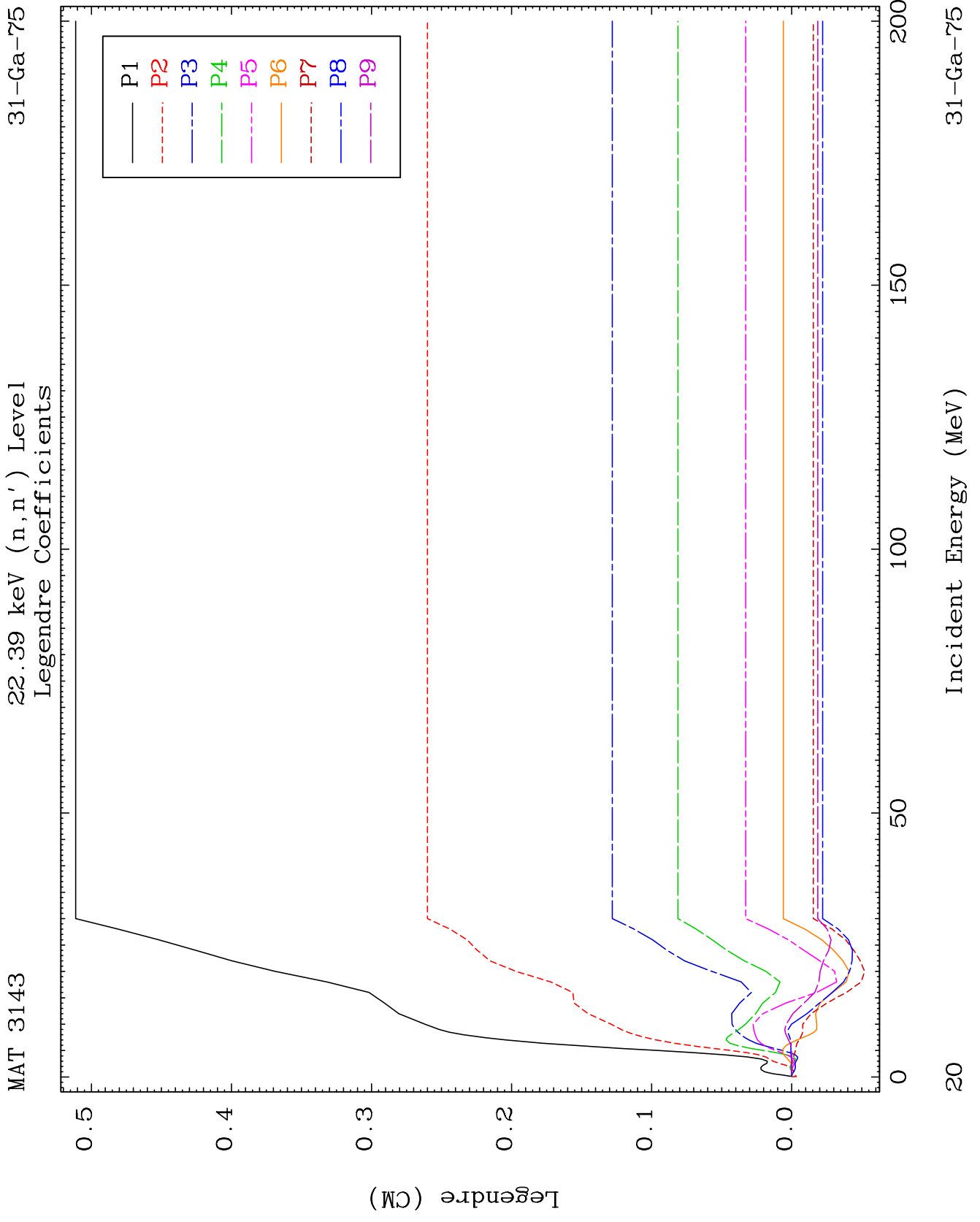
Legendre (CM)

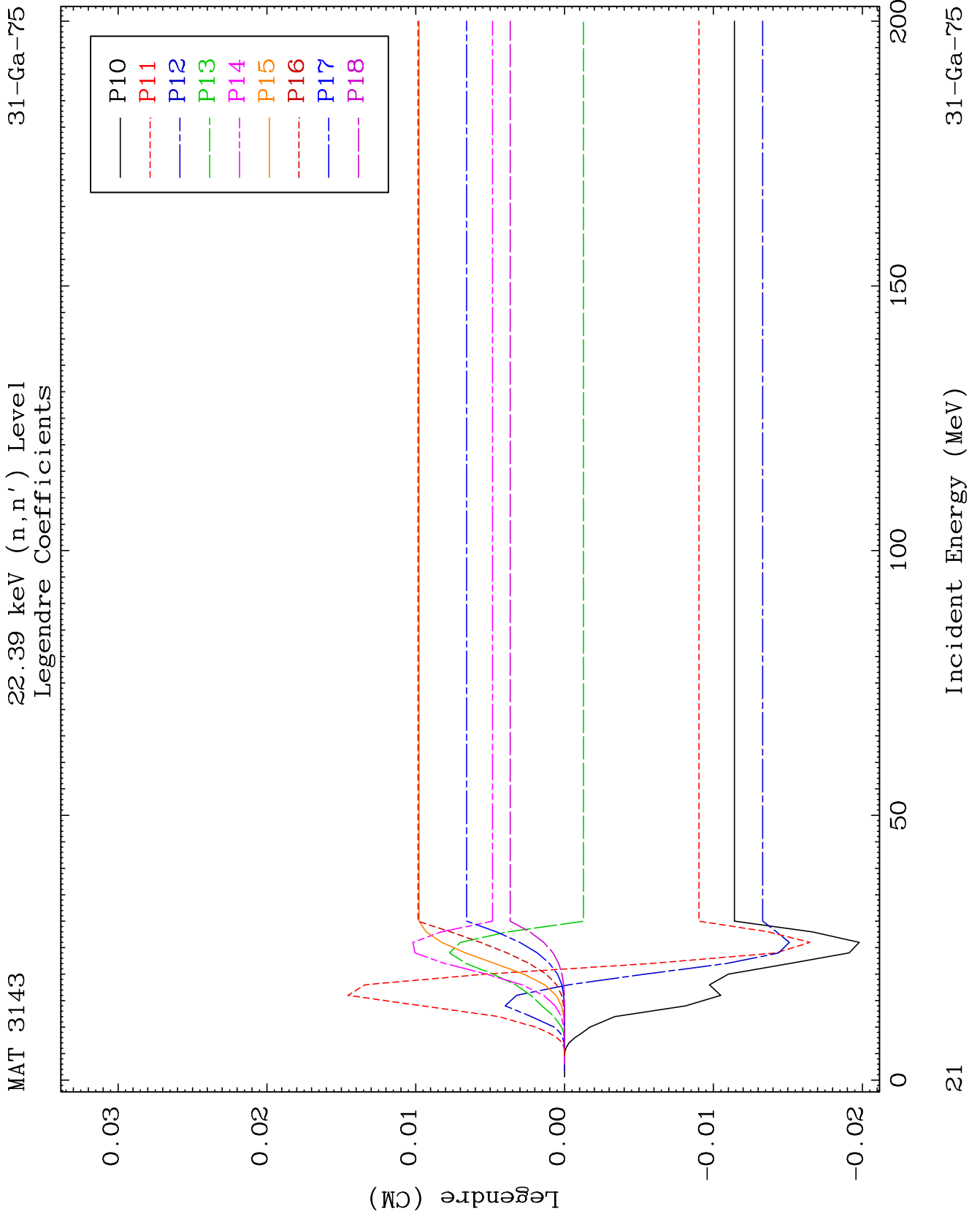
Incident Energy (MeV)

31-Ga-75



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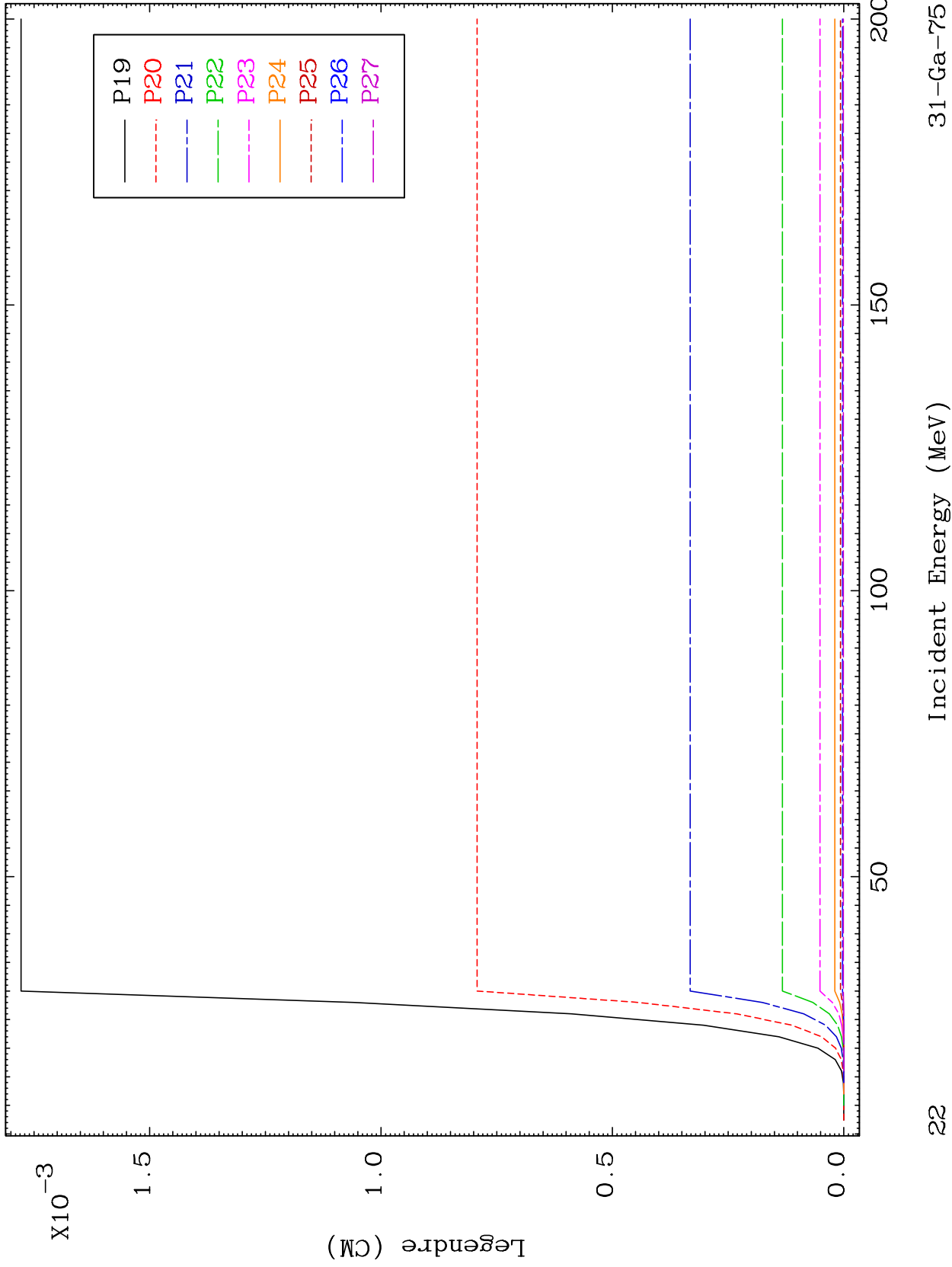




MAT 3143

22.39 keV (n,n') Level  
Legendre Coefficients

31-Ga-75



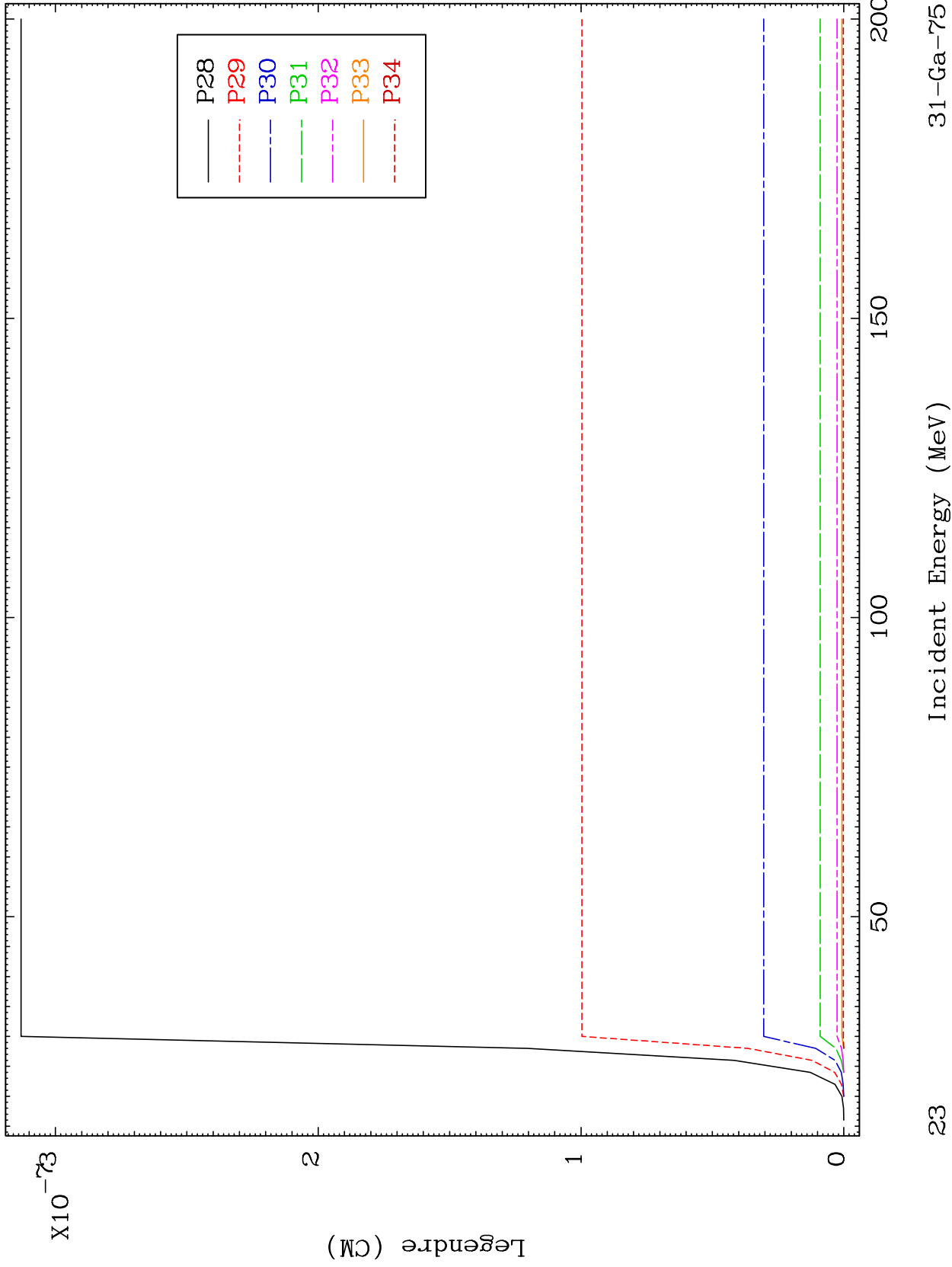
22

31-Ga-75

MAT 3143

22.39 keV (n,n') Level  
Legendre Coefficients

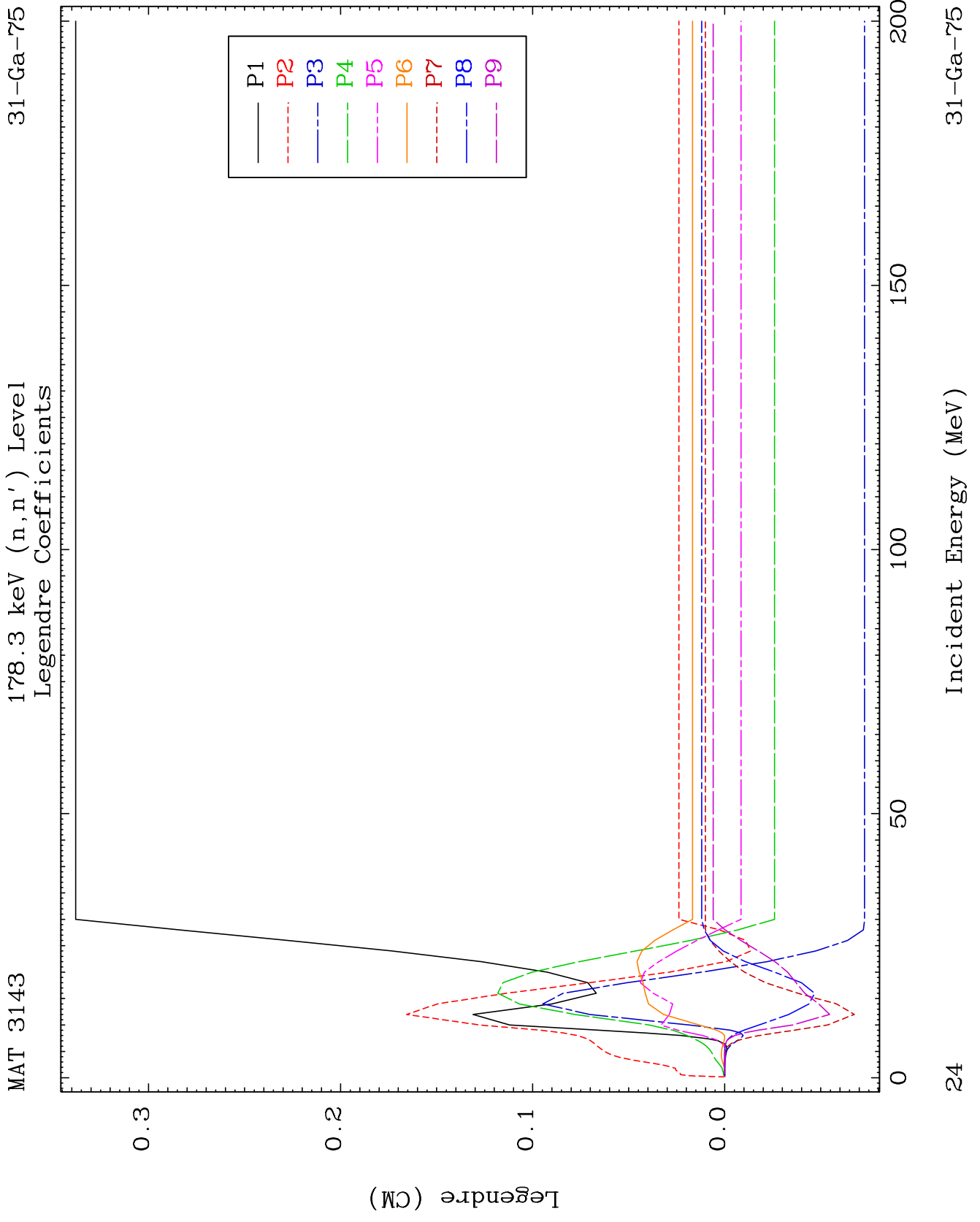
31-Ga-75



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31-Ga-75

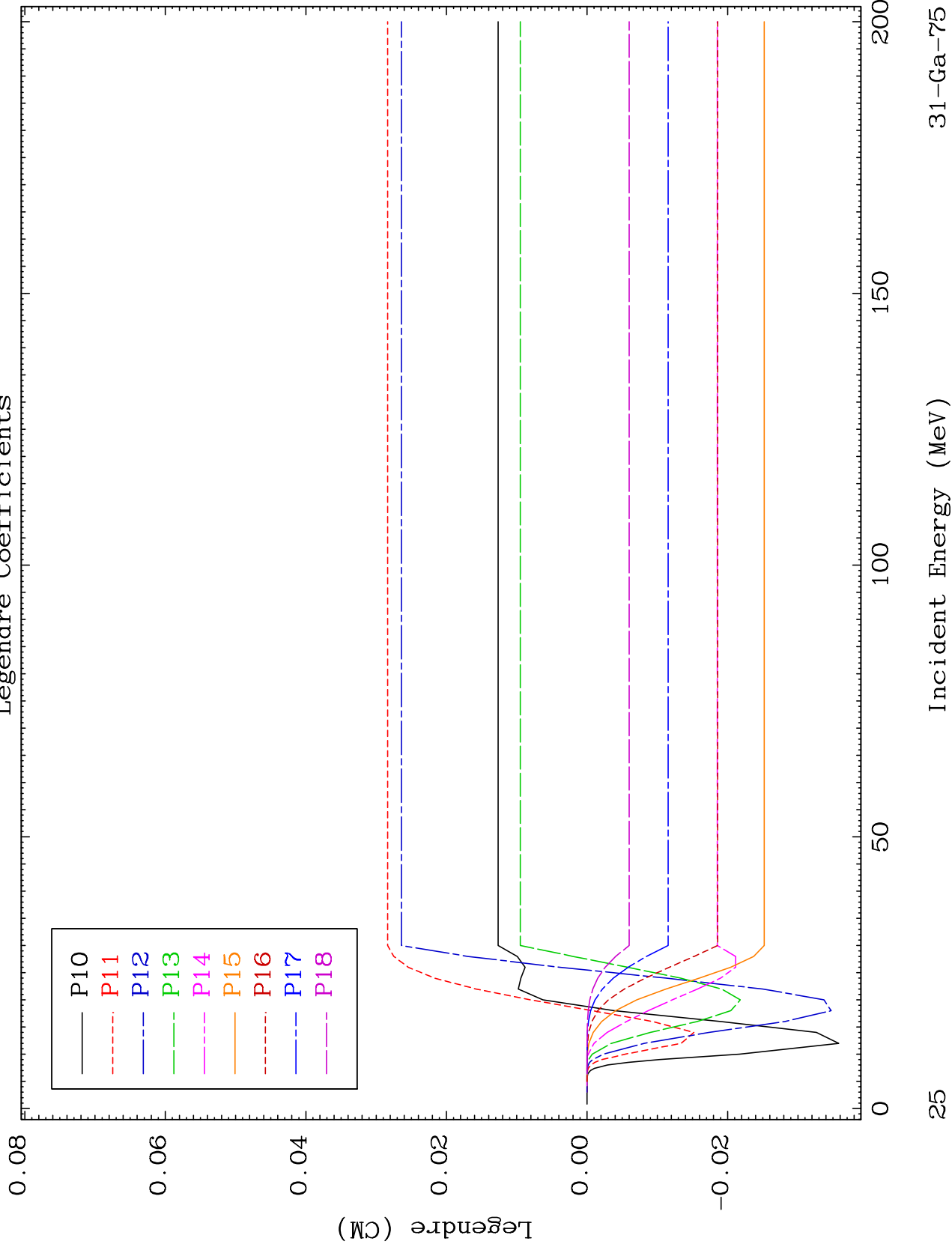




MAT 3143

178.3 keV (n,n') Level  
Legendre Coefficients

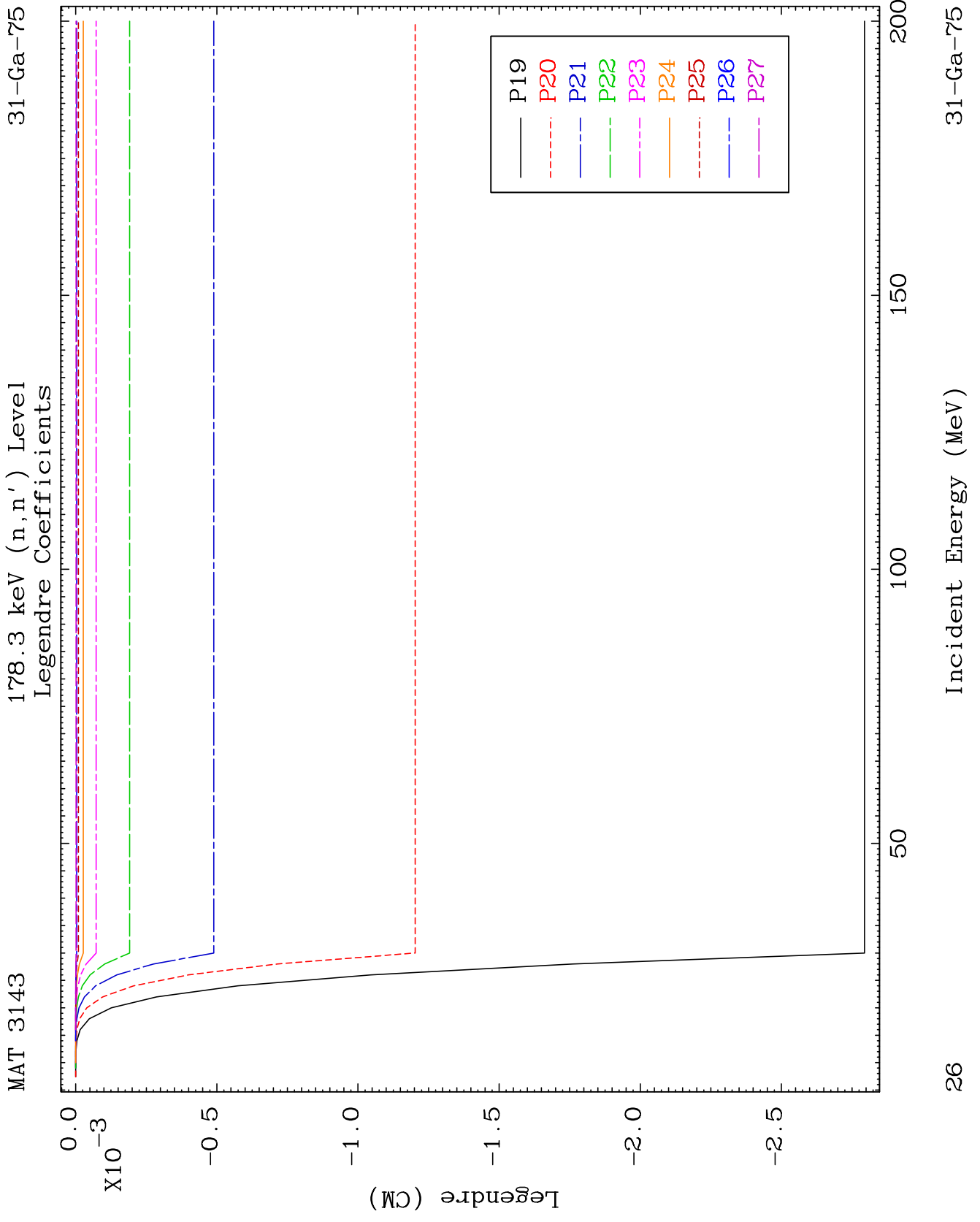
31-Ga-75



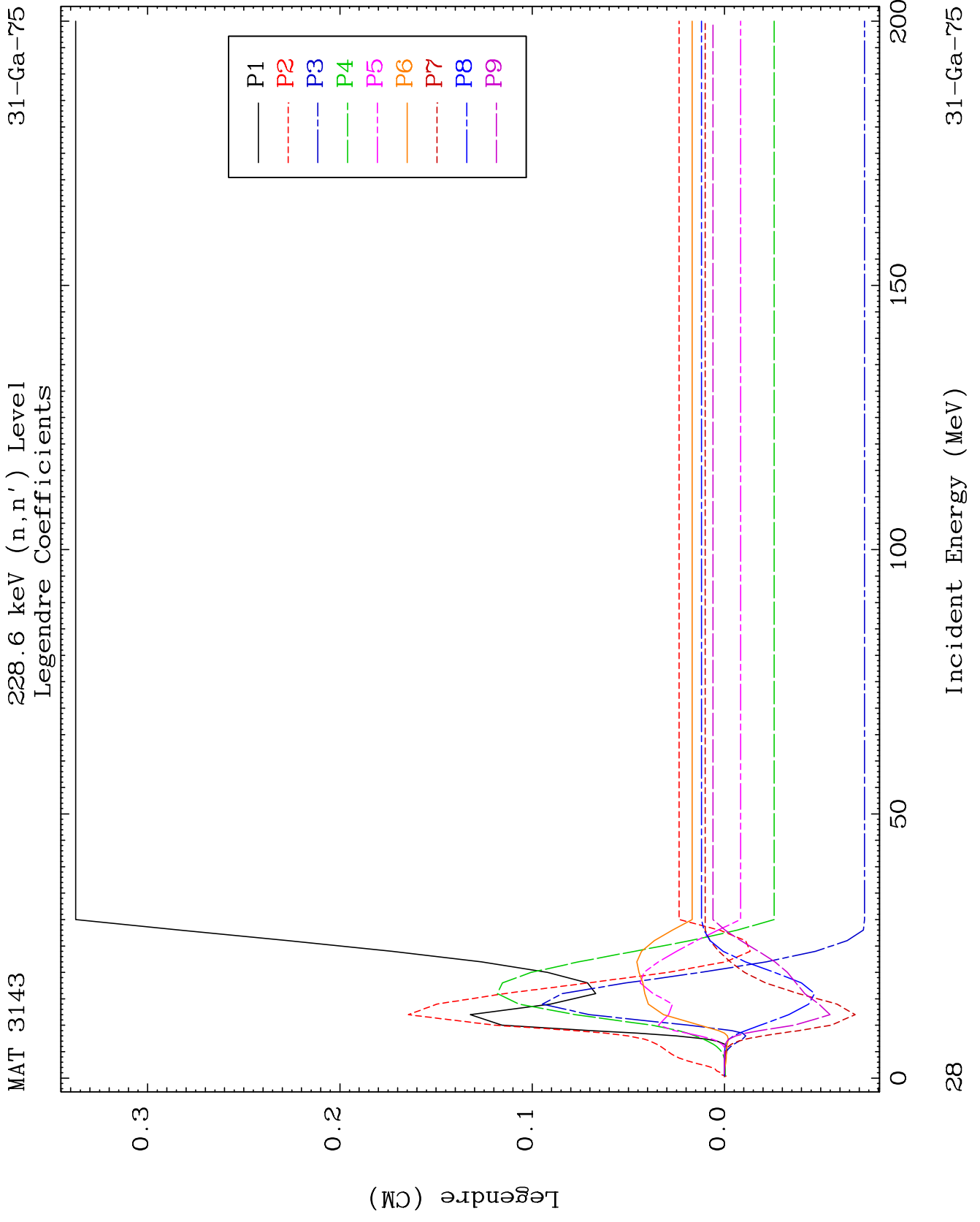
25

Incident Energy (MeV)

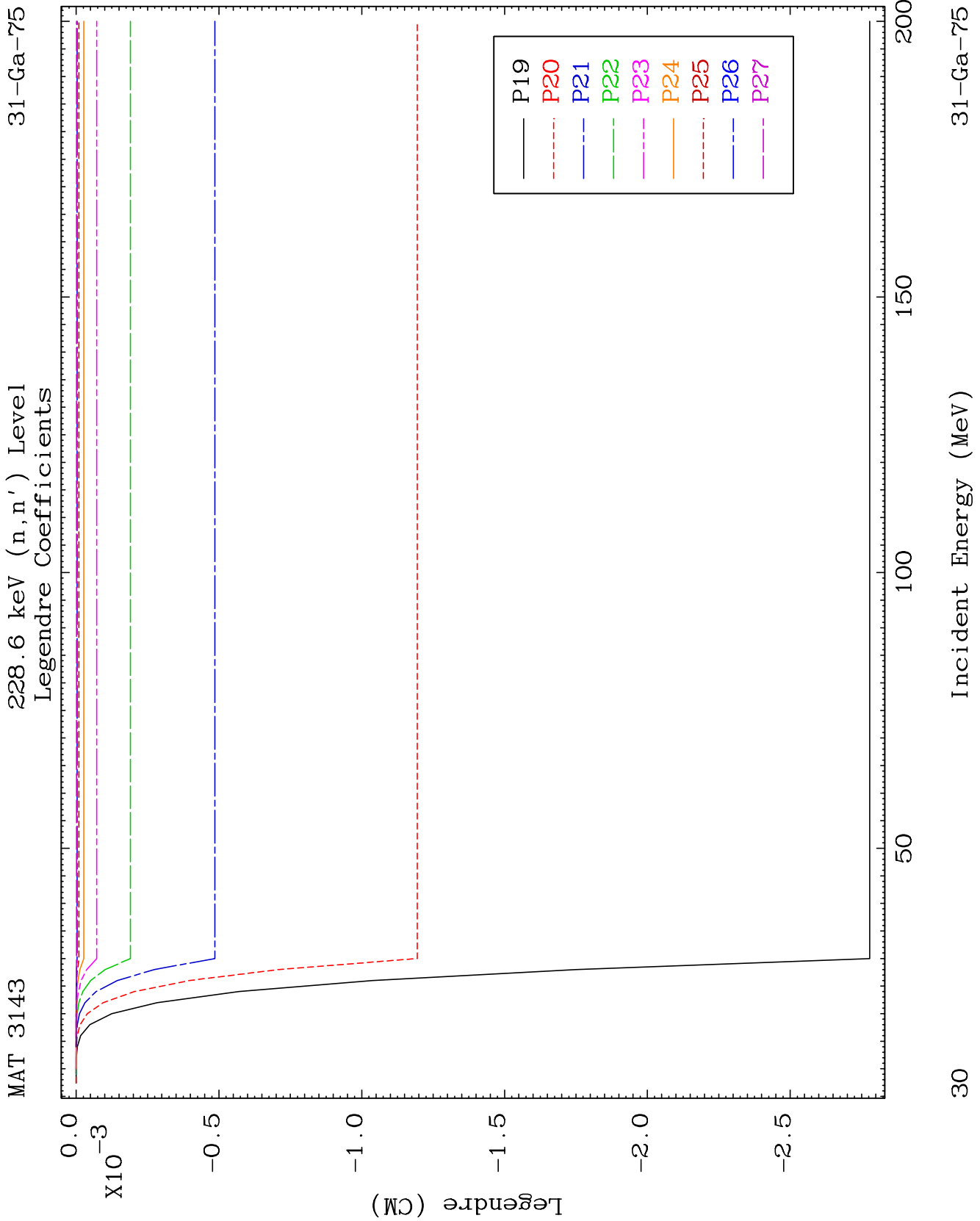
31-Ga-75

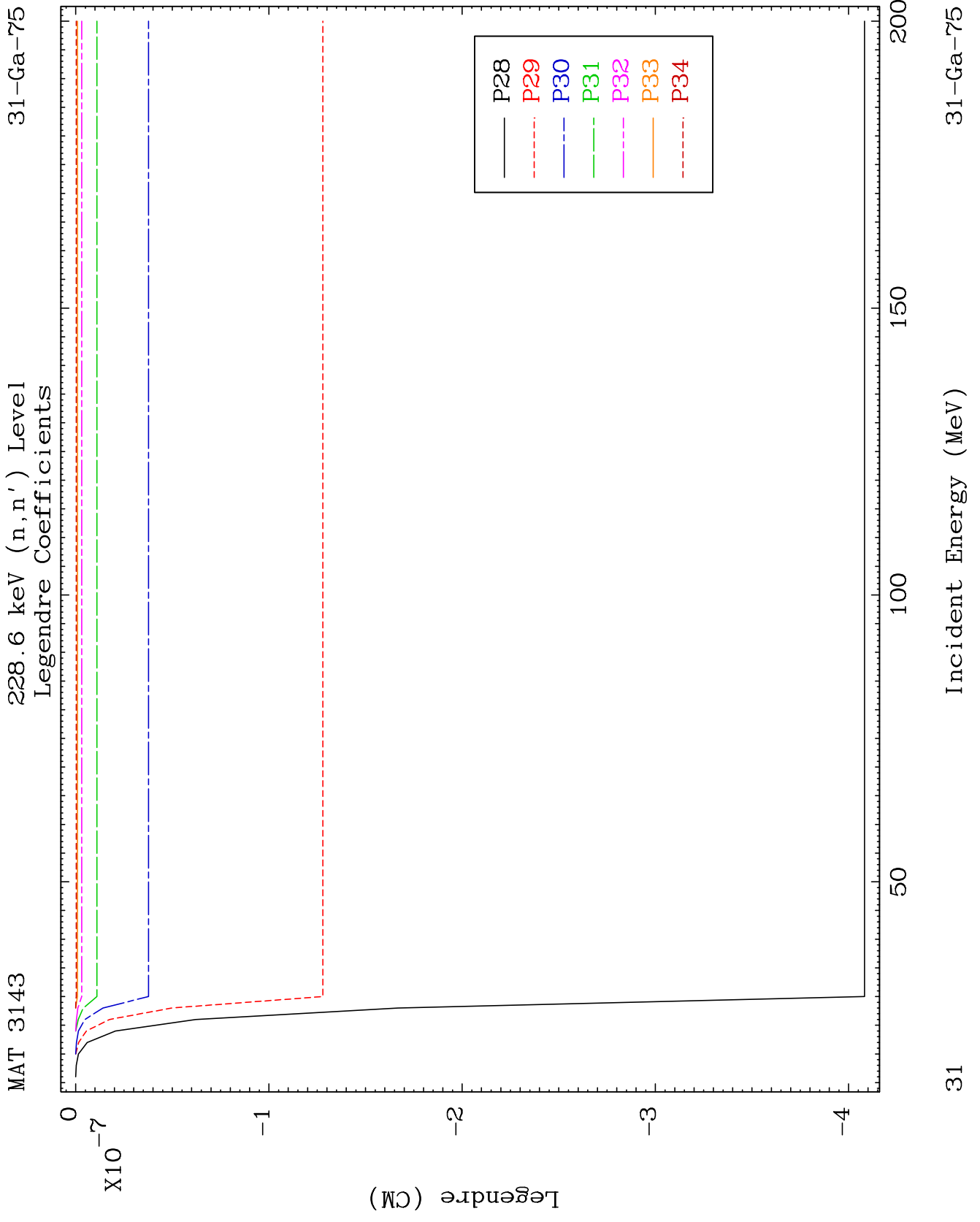










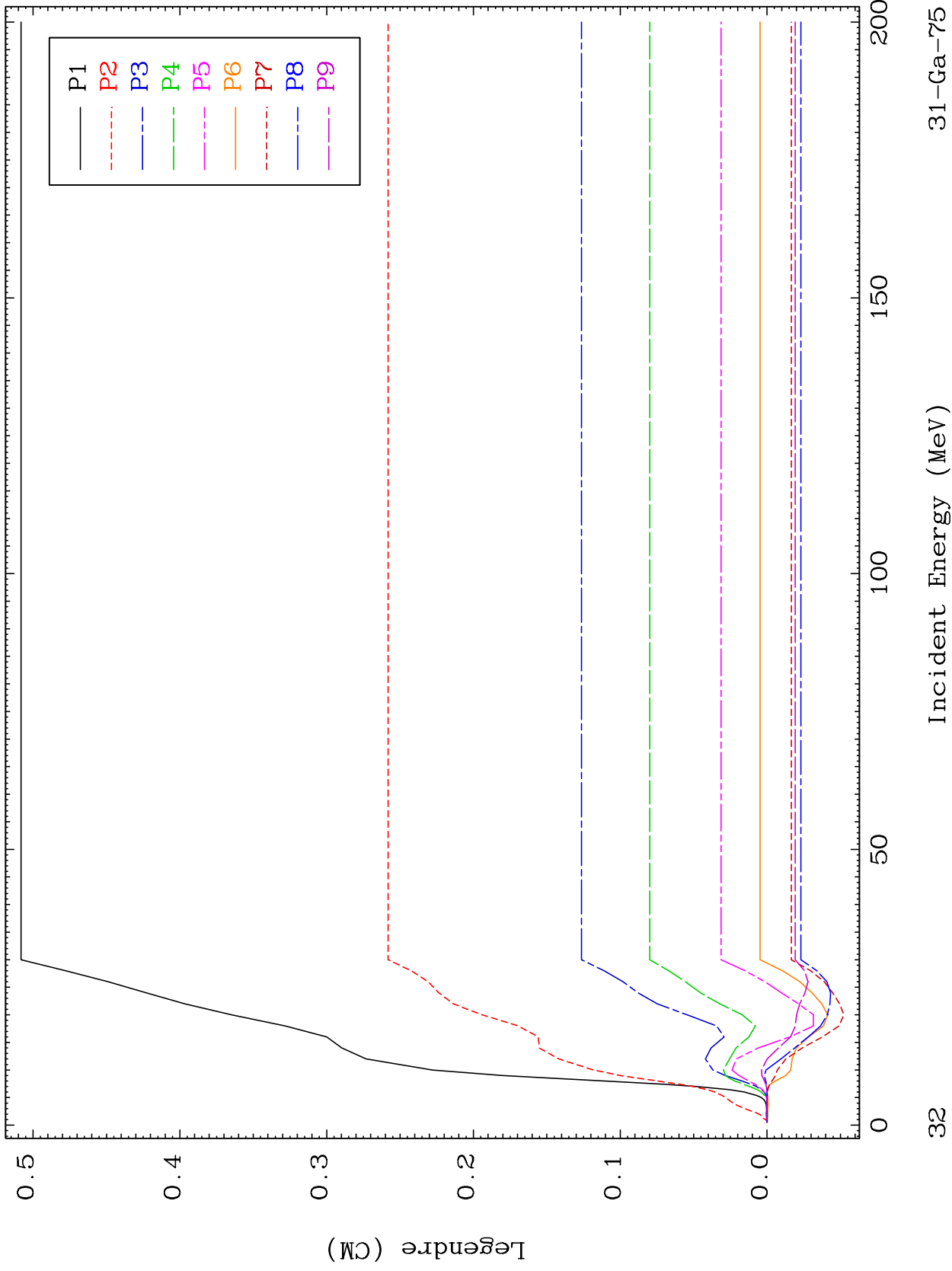




MAT 3143

432.2 keV (n,n') Level  
Legendre Coefficients

31-Ga-75



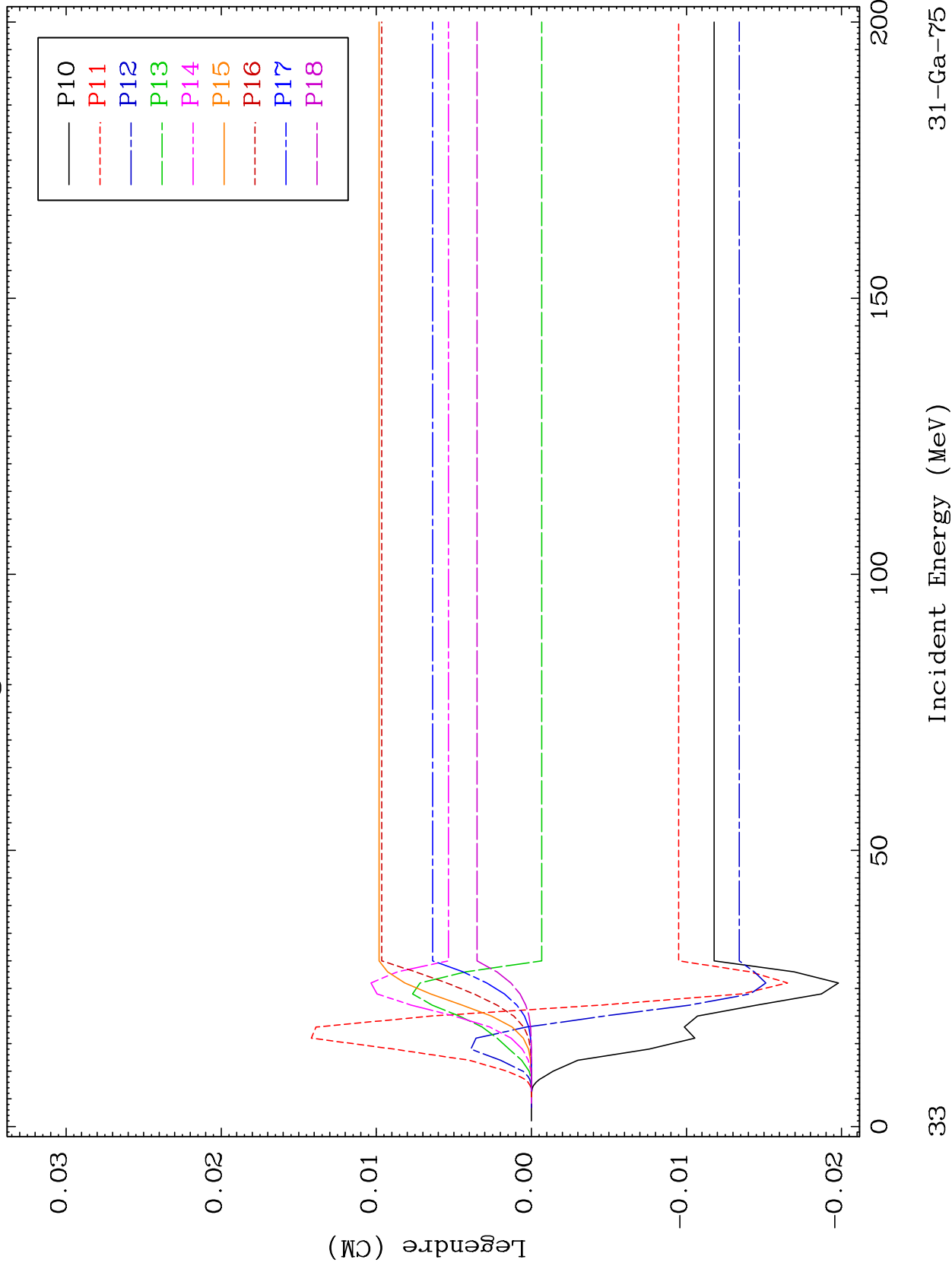
32

31-Ga-75

MAT 3143

432.2 keV (n,n') Level  
Legendre Coefficients

31-Ga-75



33

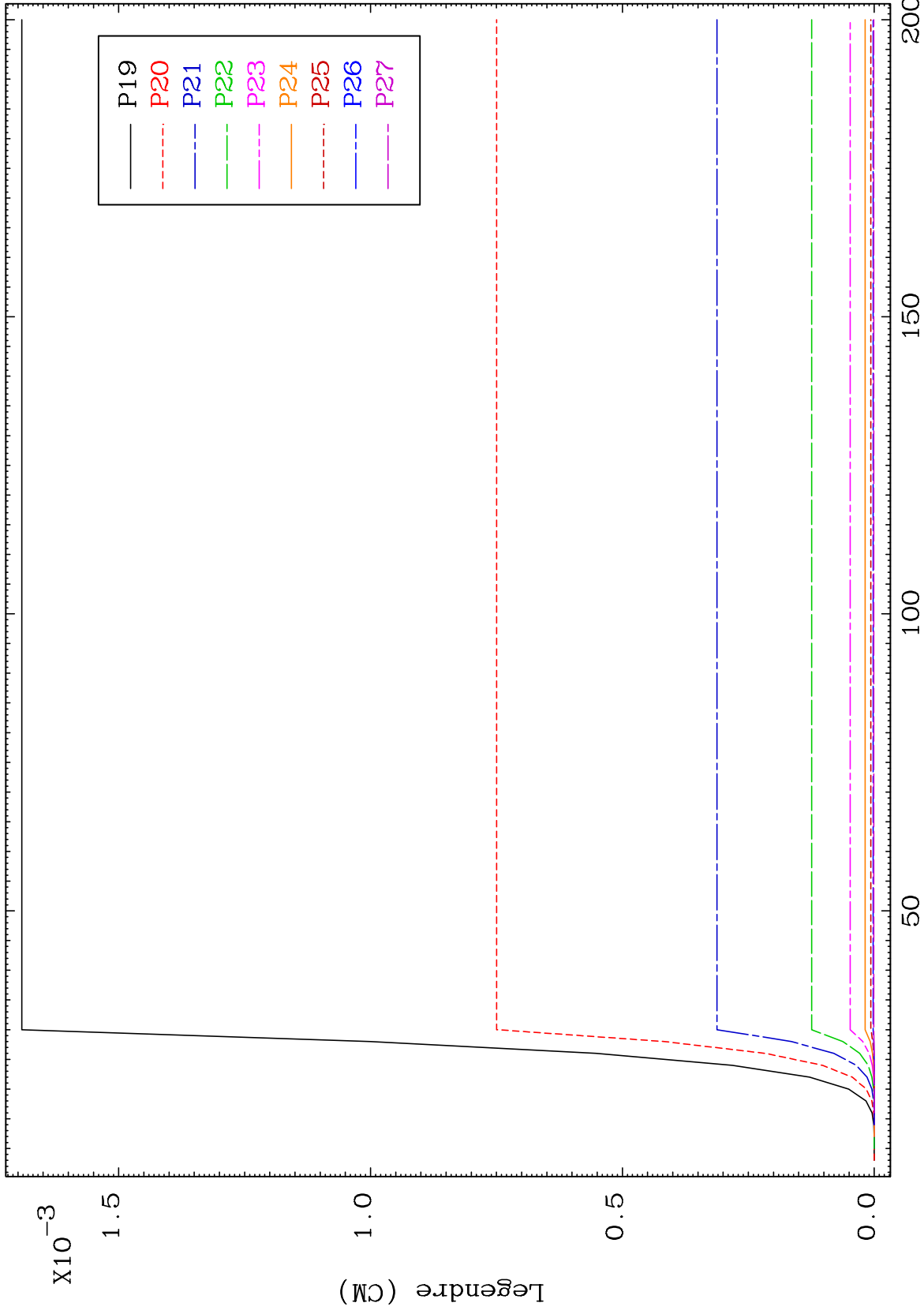
Incident Energy (MeV)

31-Ga-75

MAT 3143

432.2 keV (n,n') Level  
Legendre Coefficients

31-Ga-75



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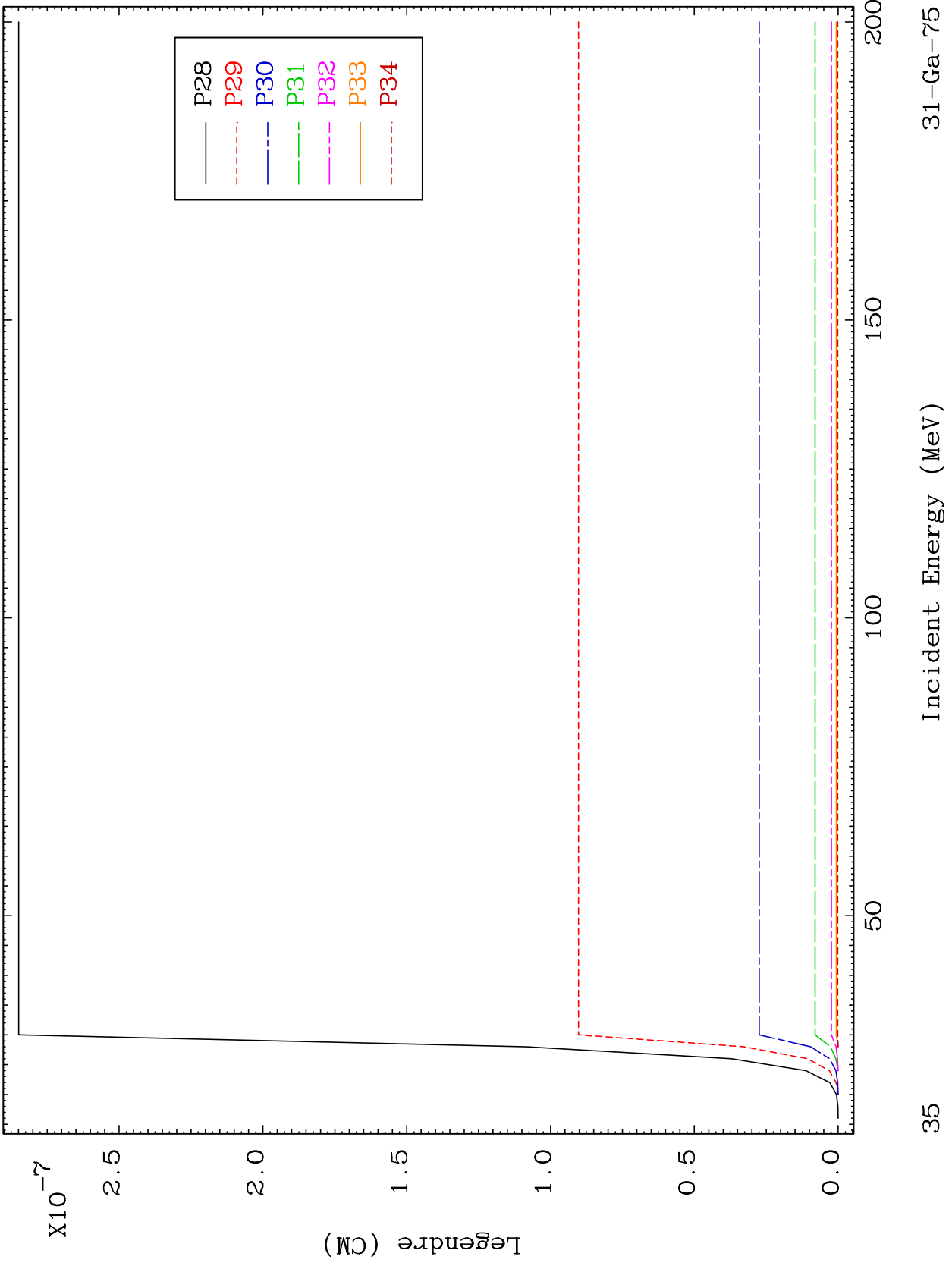
Incident Energy (MeV)

31-Ga-75

MAT 3143

432.2 keV (n,n') Level  
Legendre Coefficients

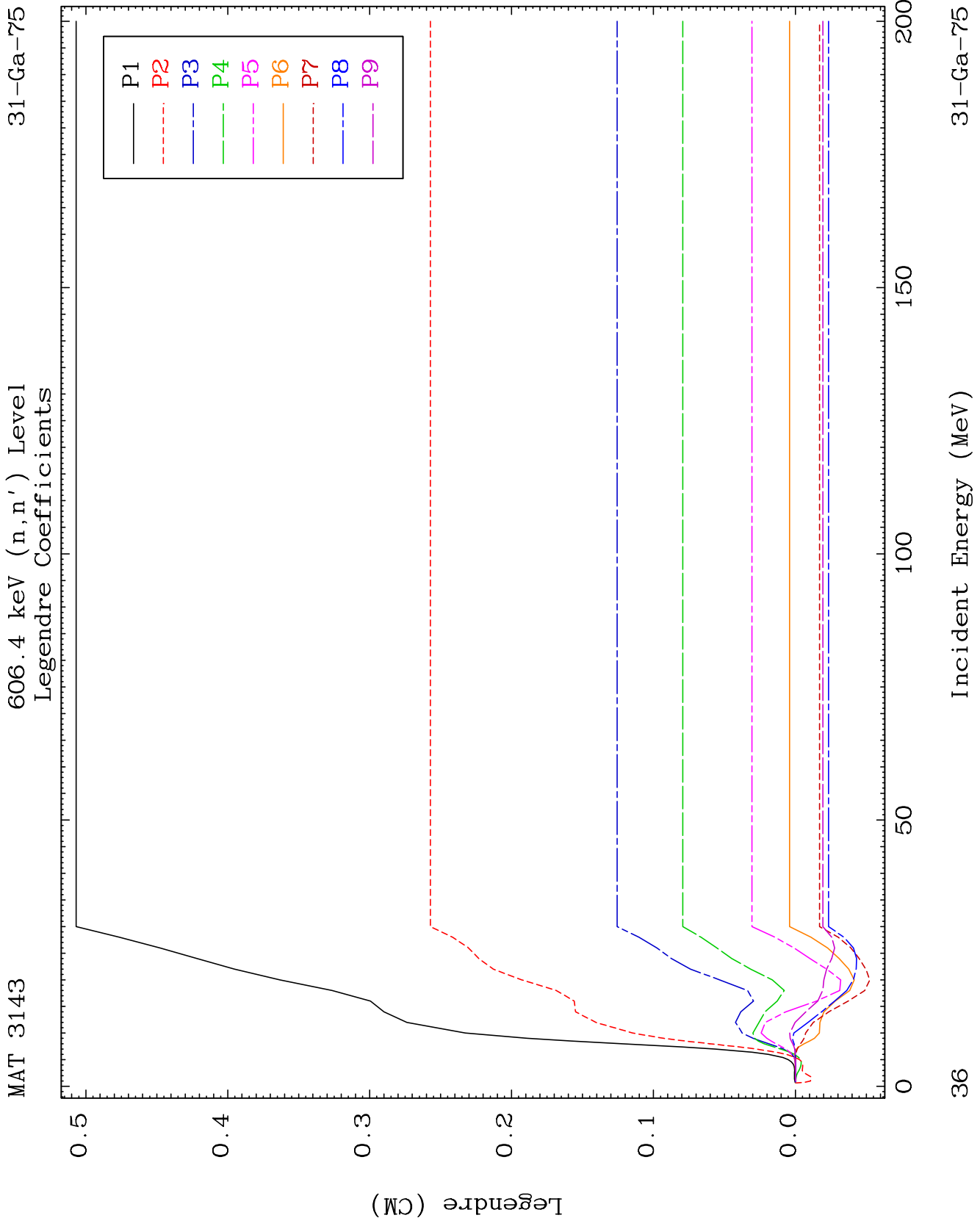
31-Ga-75



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Incident Energy (MeV)

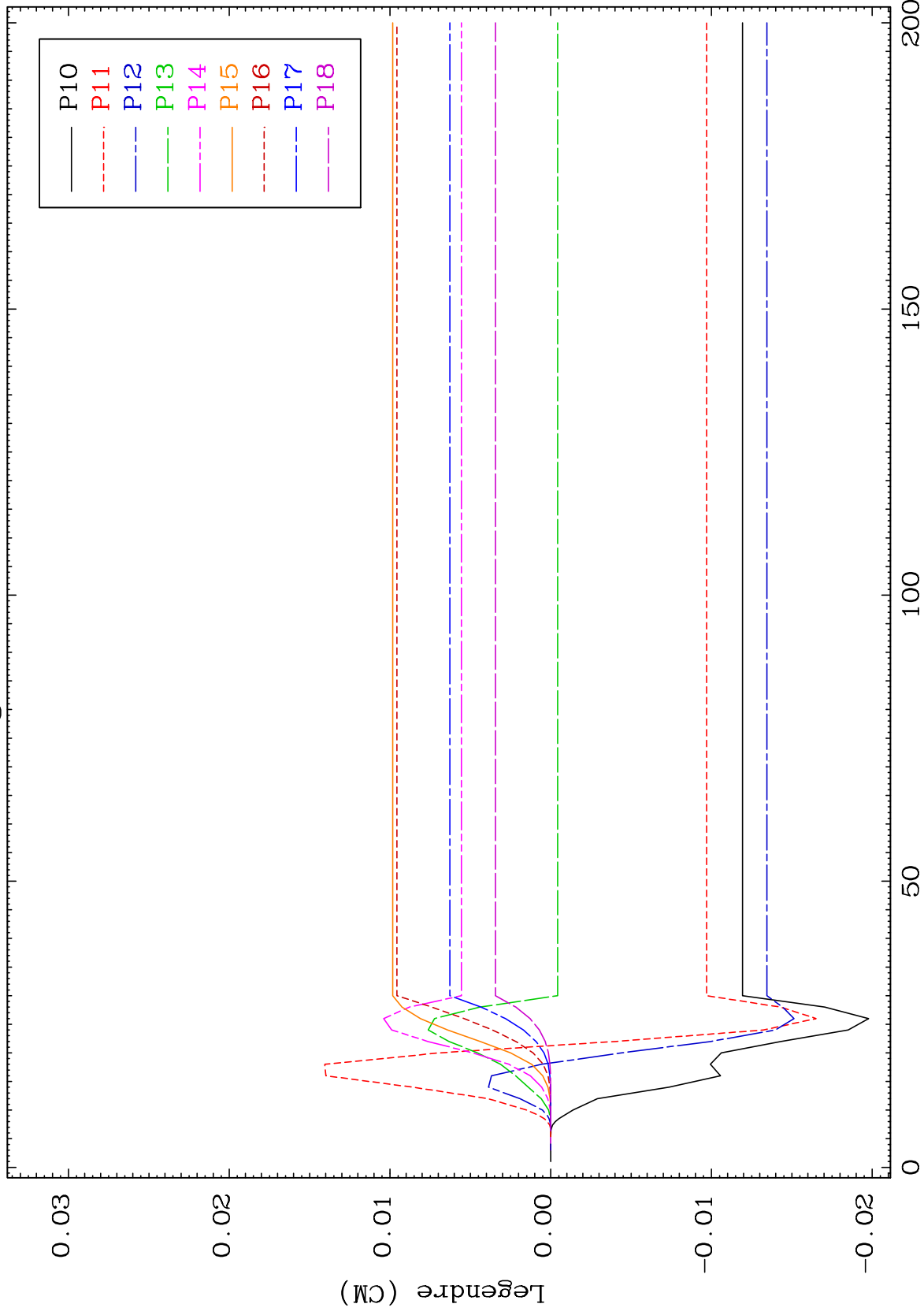
31-Ga-75



MAT 3143

606.4 keV (n,n') Level  
Legendre Coefficients

31-Ga-75



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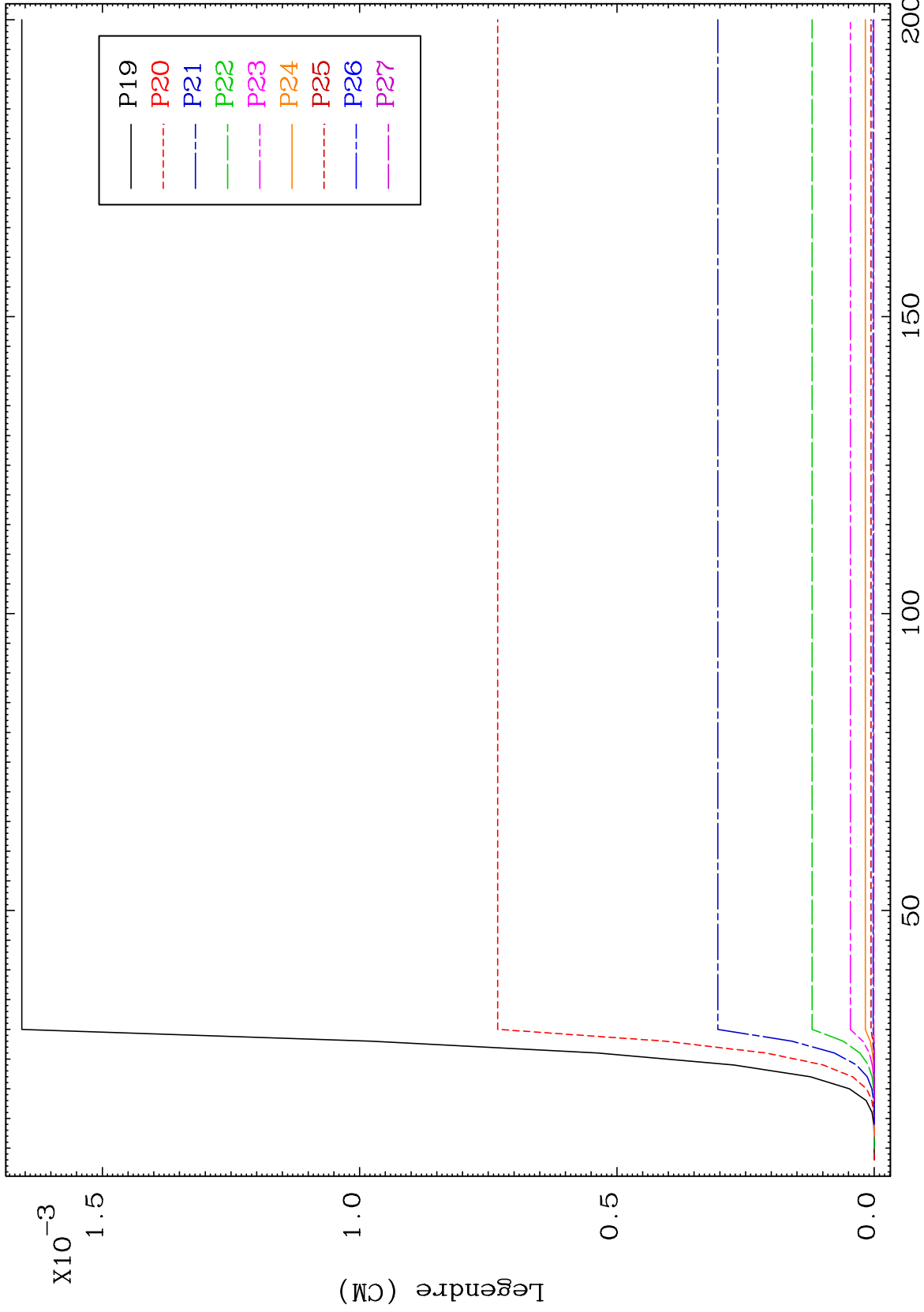
Incident Energy (MeV)

31-Ga-75

MAT 3143

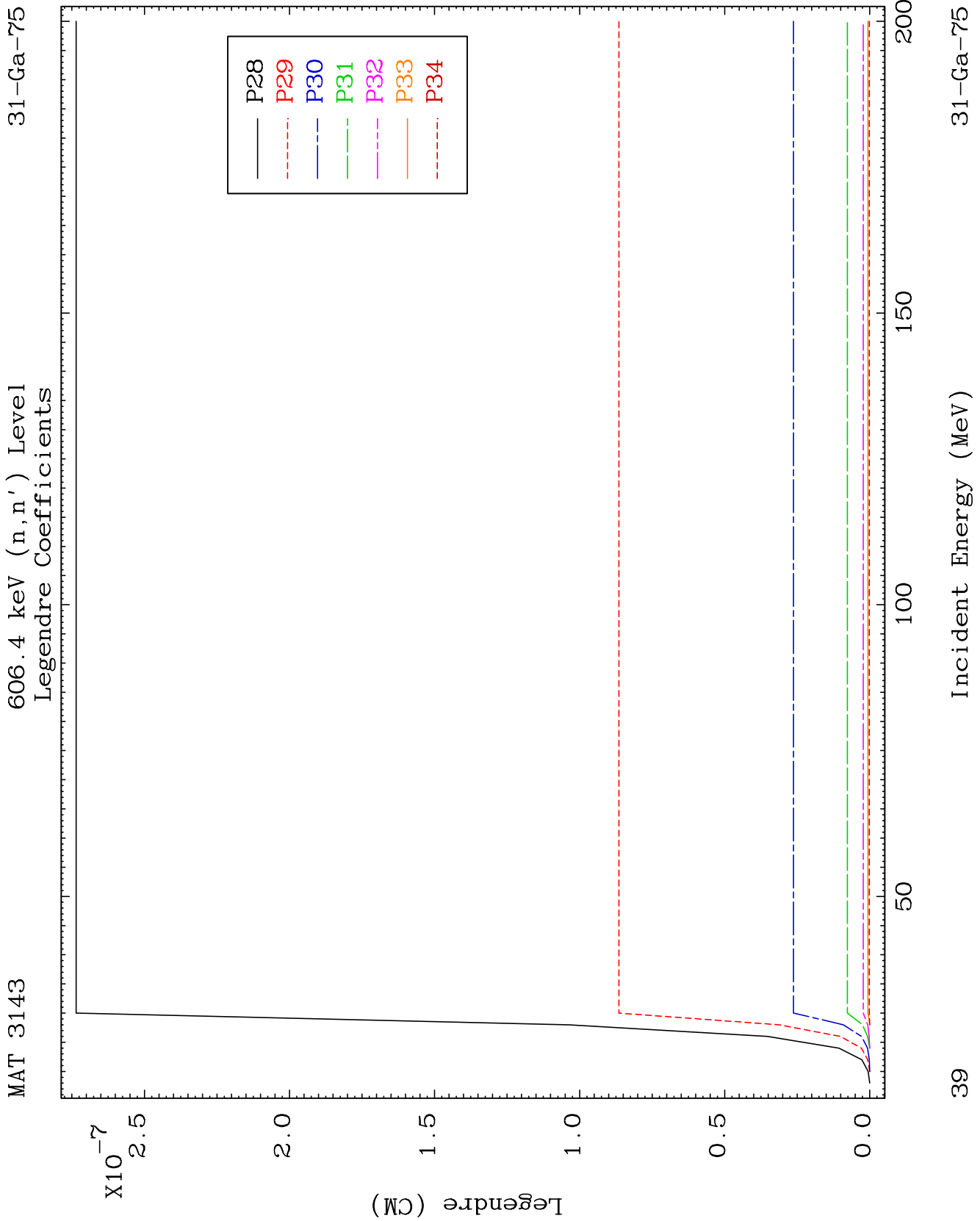
606.4 keV (n,n') Level  
Legendre Coefficients

31-Ga-75

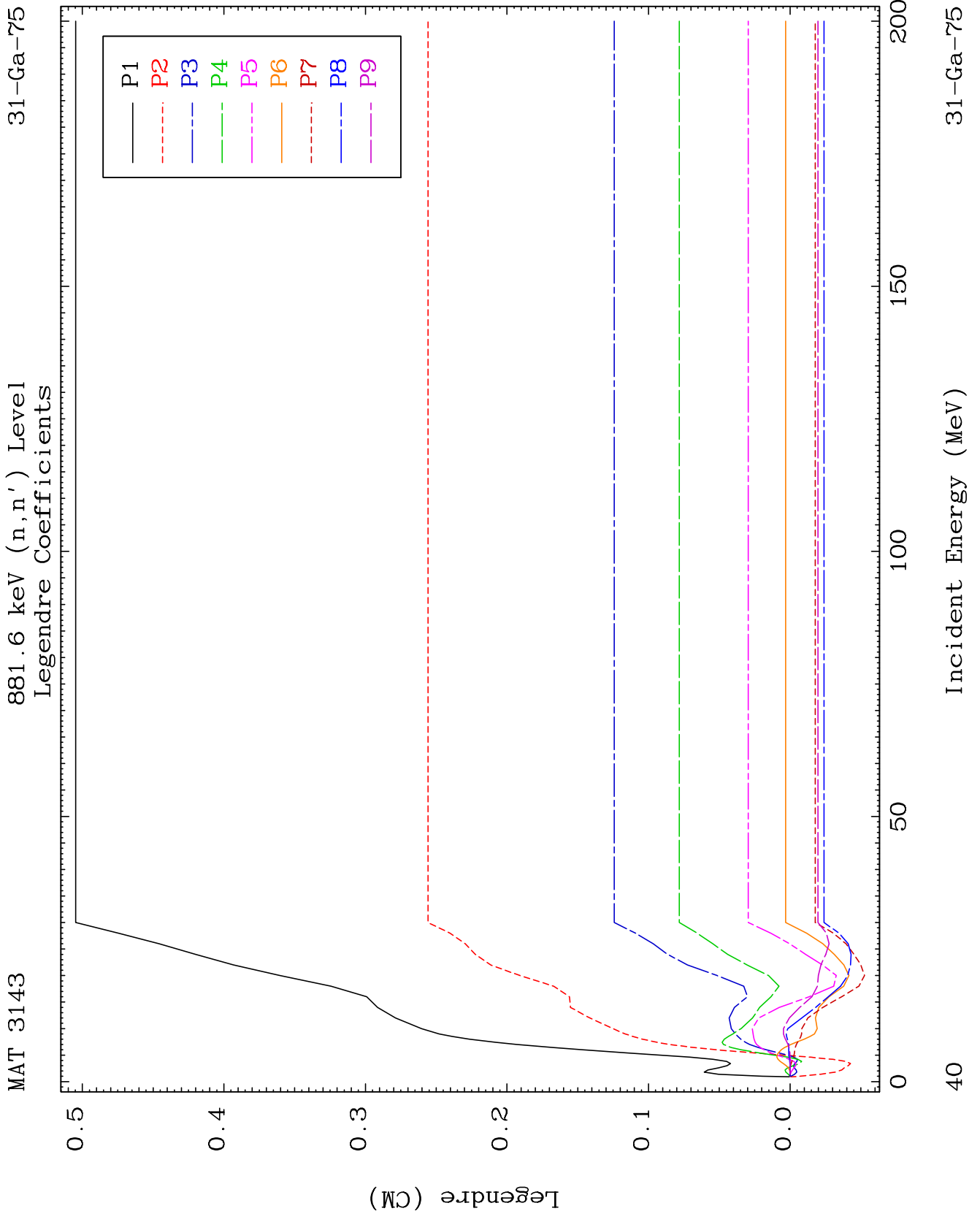


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31-Ga-75



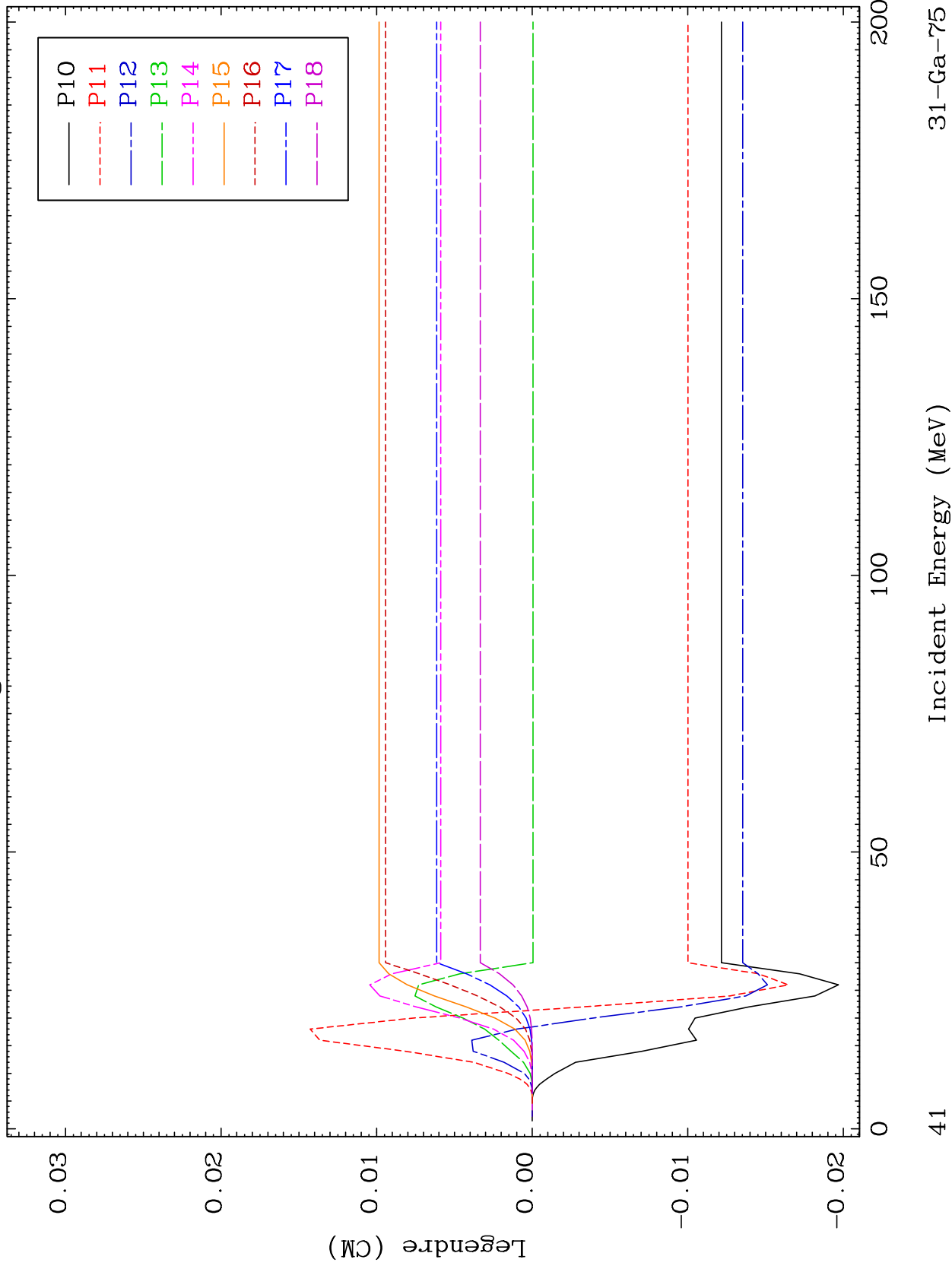




MAT 3143

881.6 keV (n,n') Level  
Legendre Coefficients

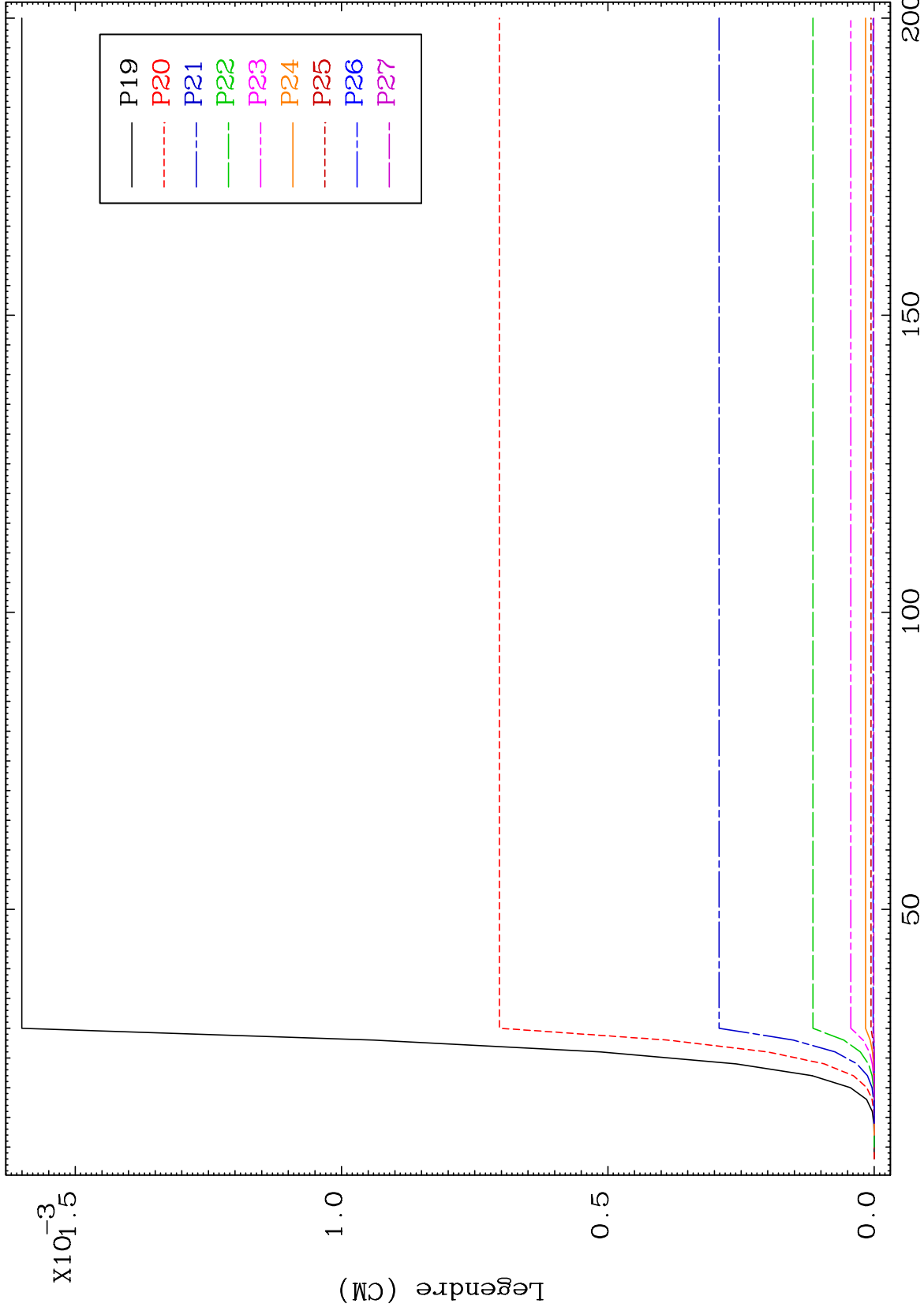
31-Ga-75



MAT 3143

881.6 keV (n,n') Level  
Legendre Coefficients

31-Ga-75



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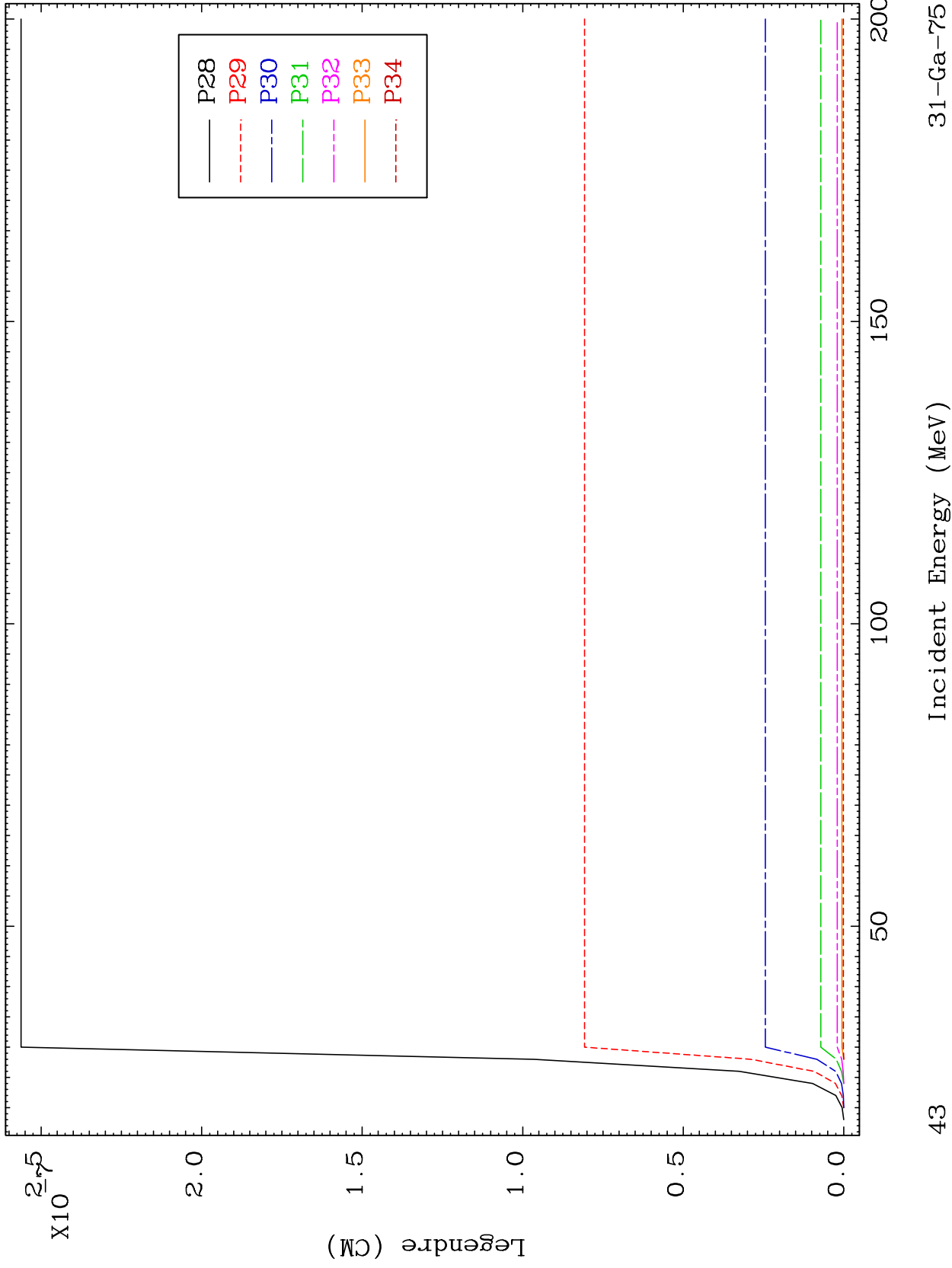
Incident Energy (MeV)

31-Ga-75

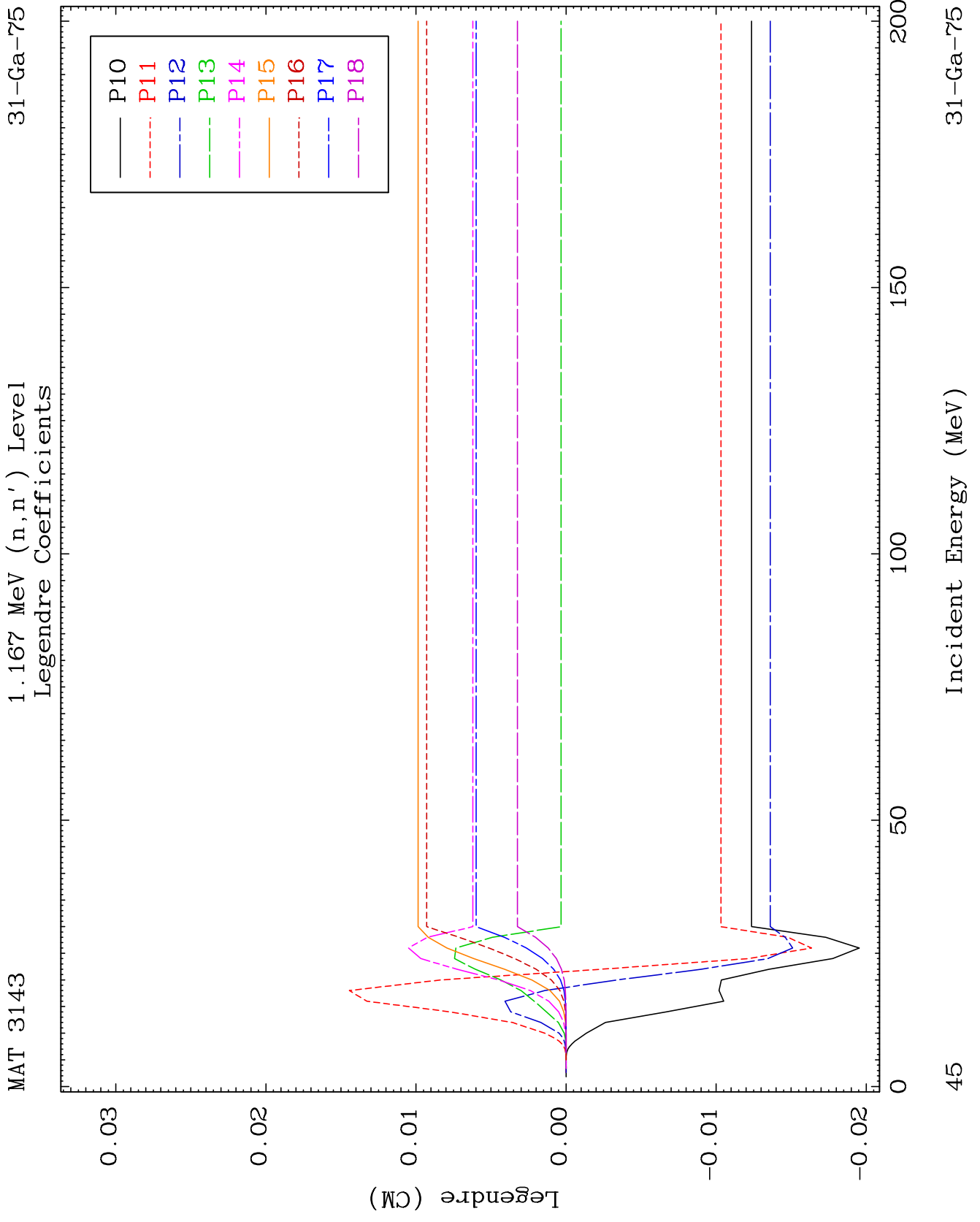
MAT 3143

881.6 keV (n,n') Level  
Legendre Coefficients

31-Ga-75



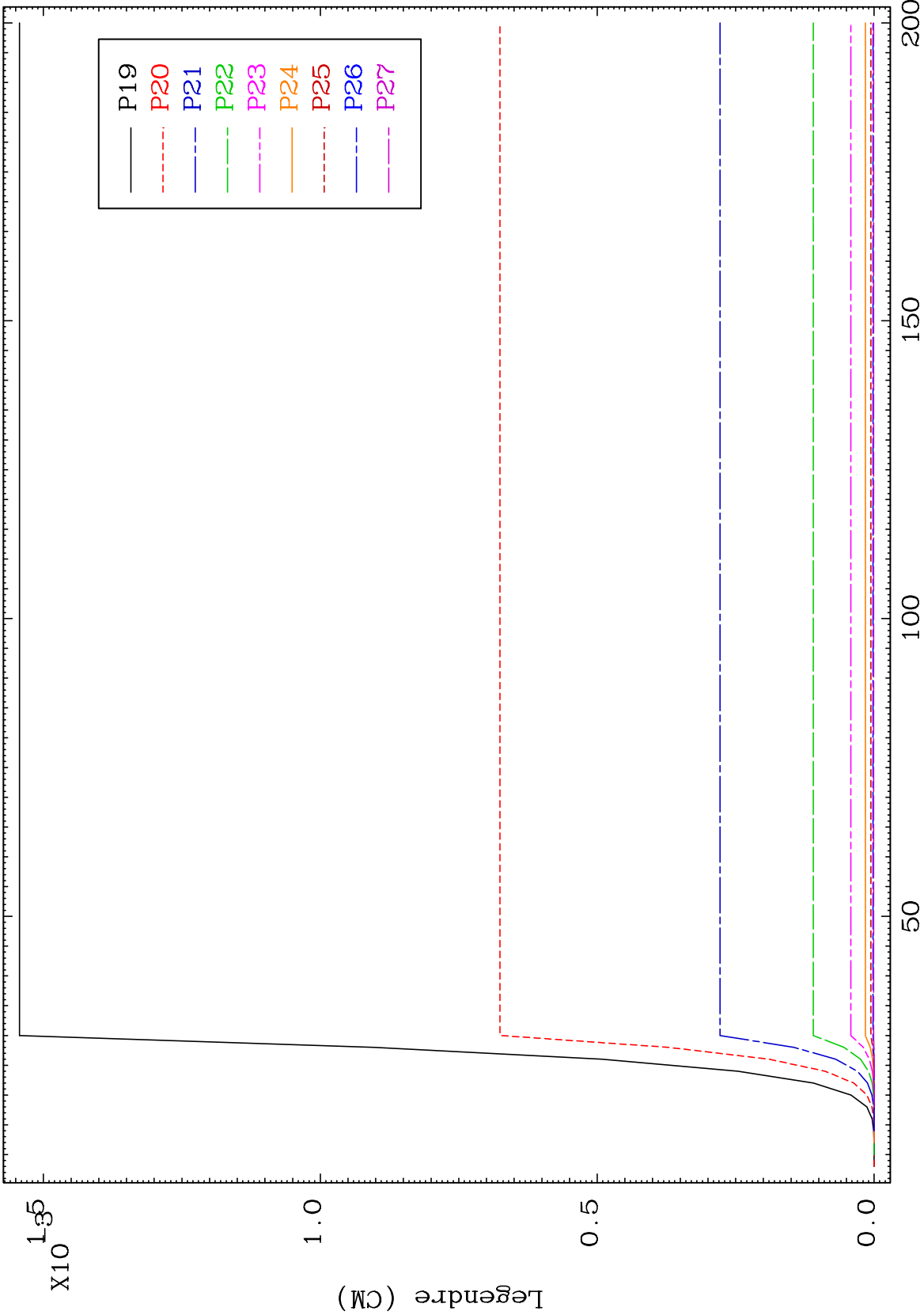




MAT 3143

1.167 MeV (n,n') Level  
Legendre Coefficients

31-Ga-75



46

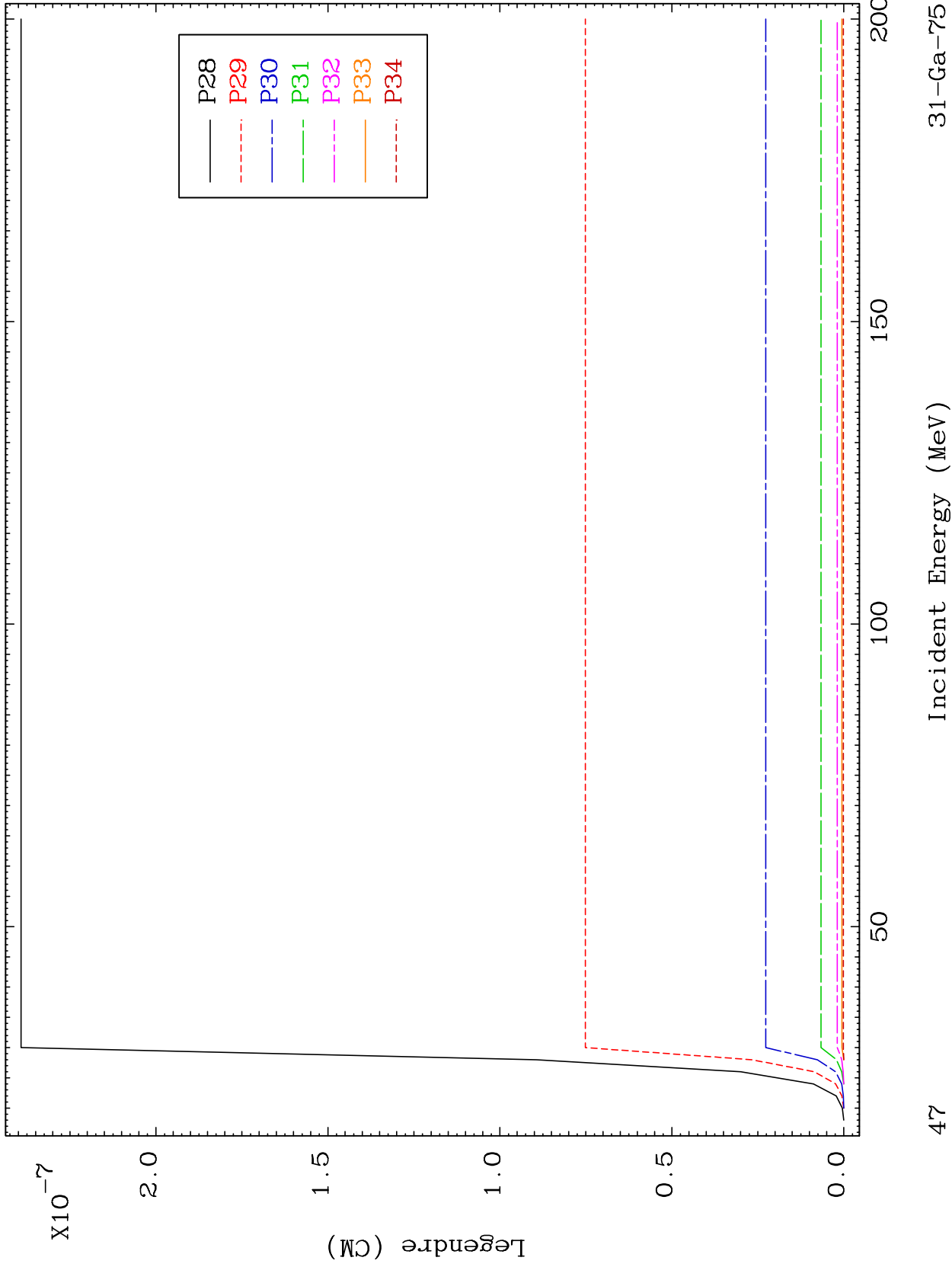
Incident Energy (MeV)

31-Ga-75

MAT 3143

1.167 MeV (n,n') Level  
Legendre Coefficients

31-Ga-75

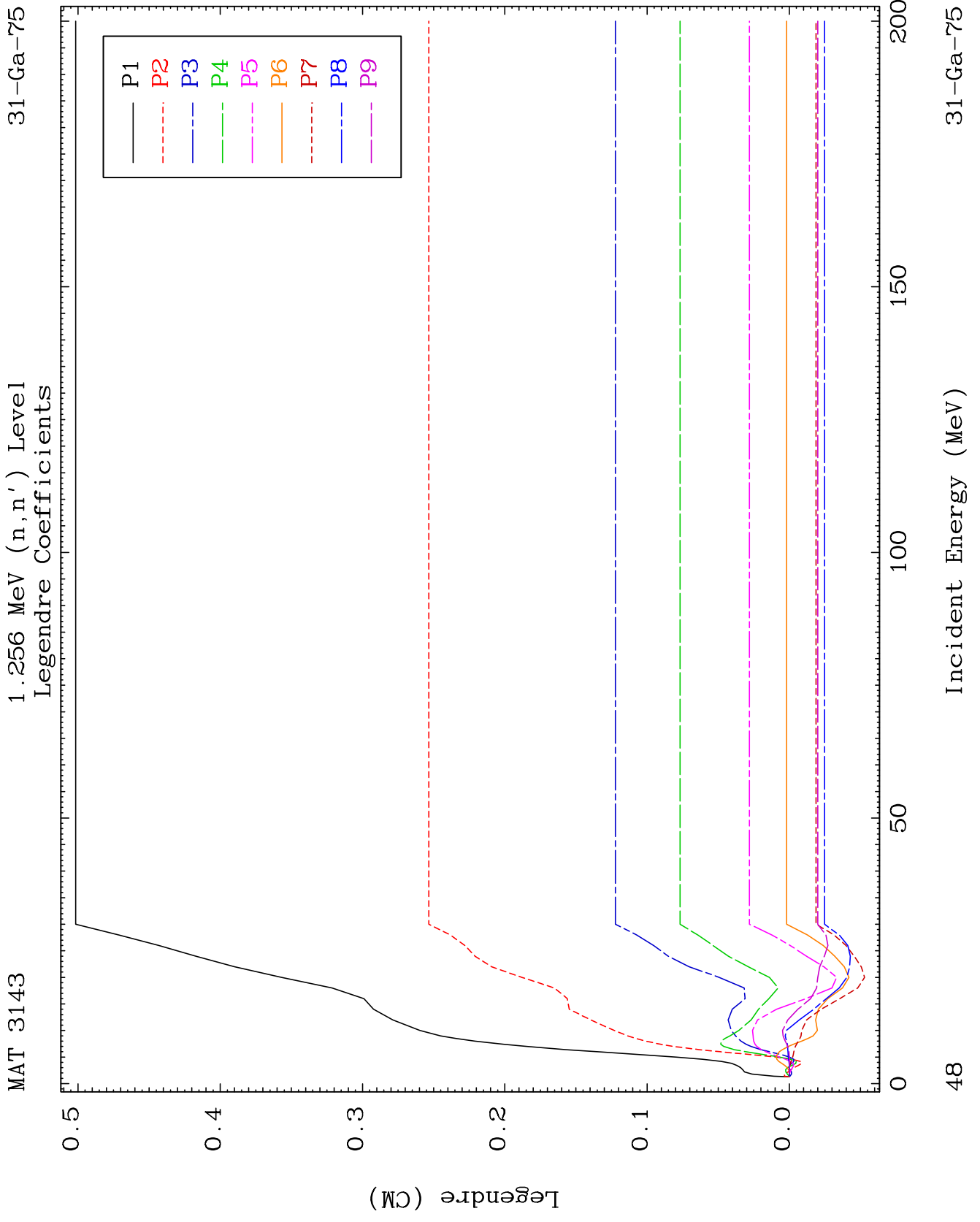


47

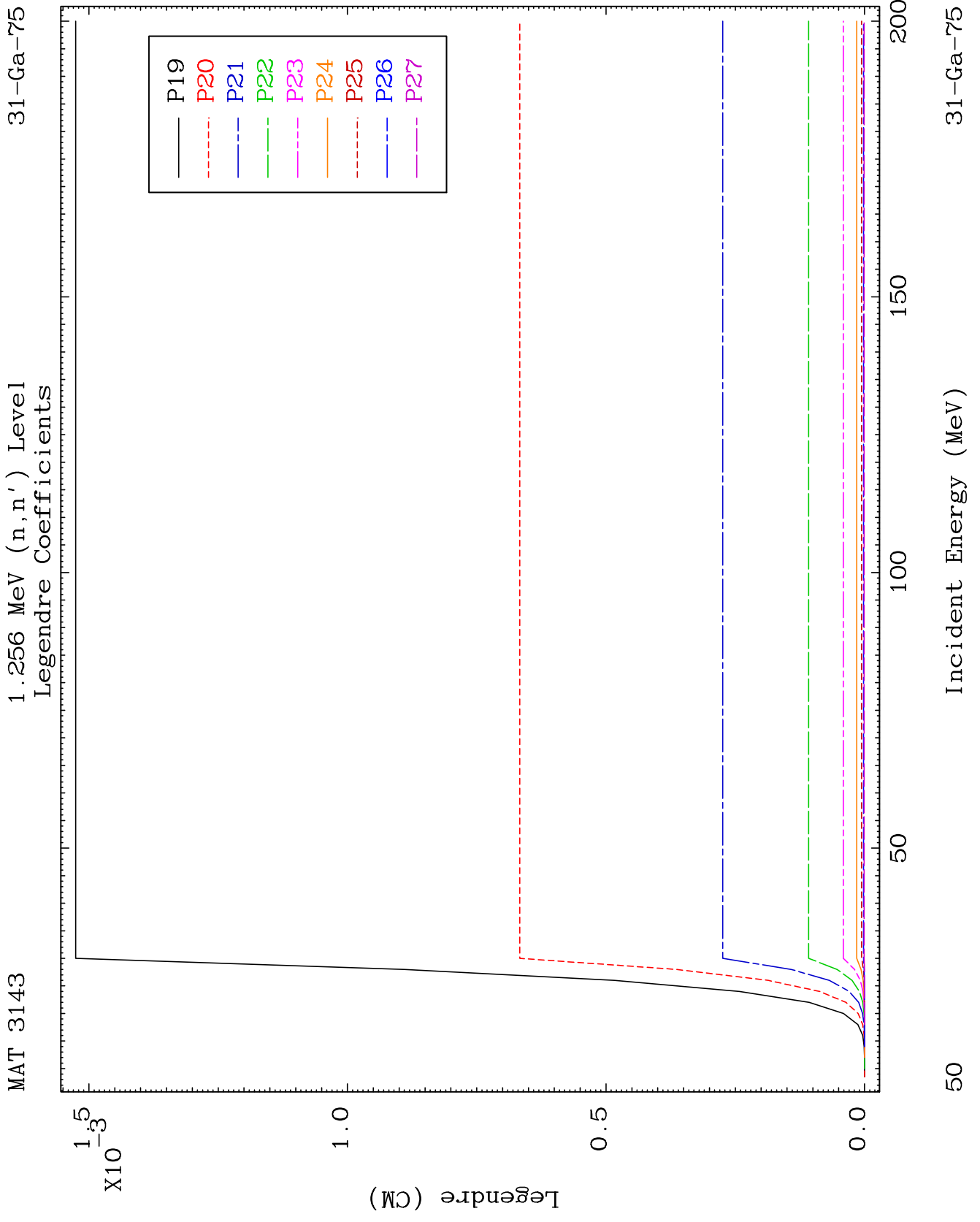
Incident Energy (MeV)

31-Ga-75





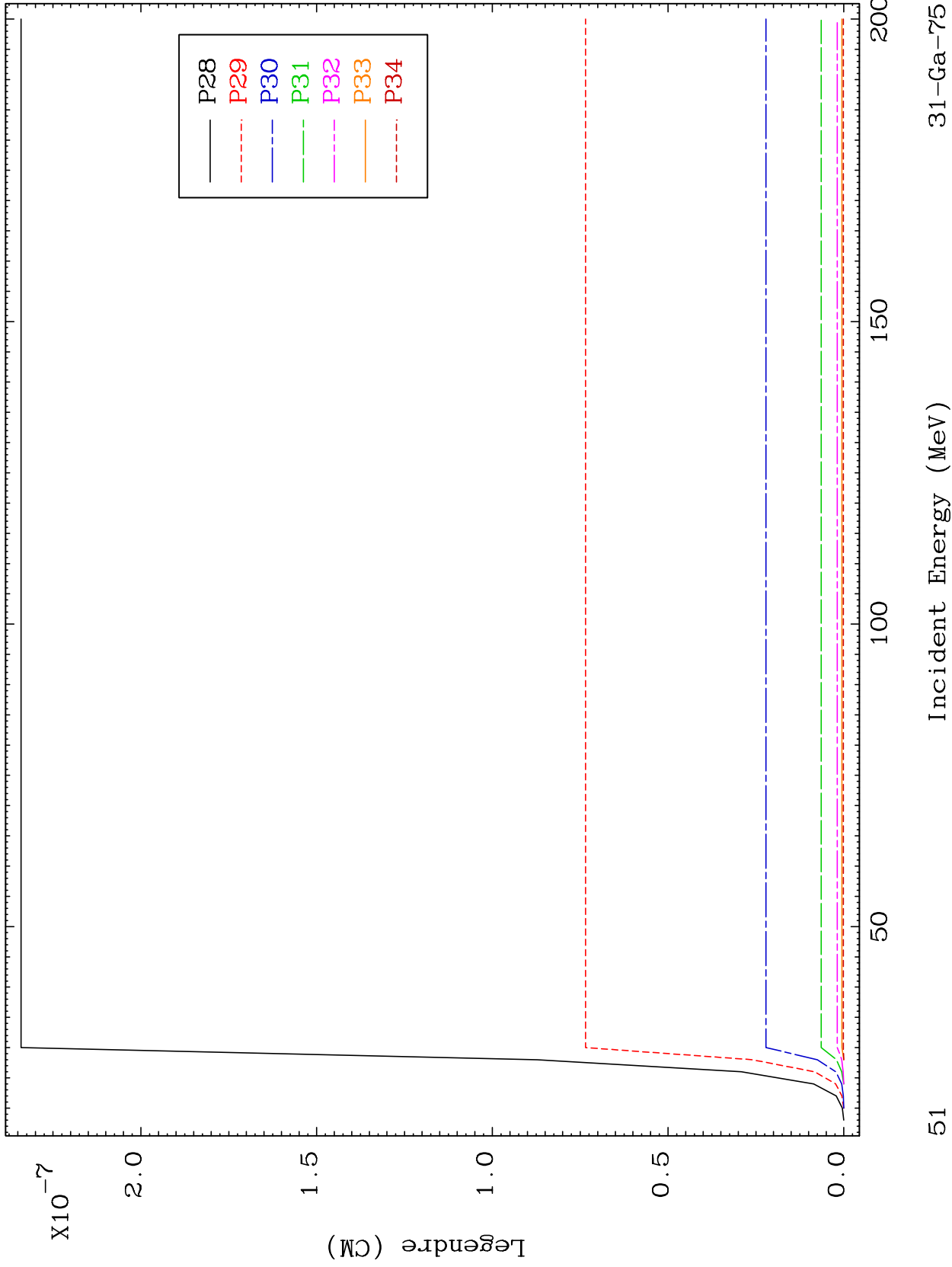




MAT 3143

1.256 MeV (n,n') Level  
Legendre Coefficients

31-Ga-75

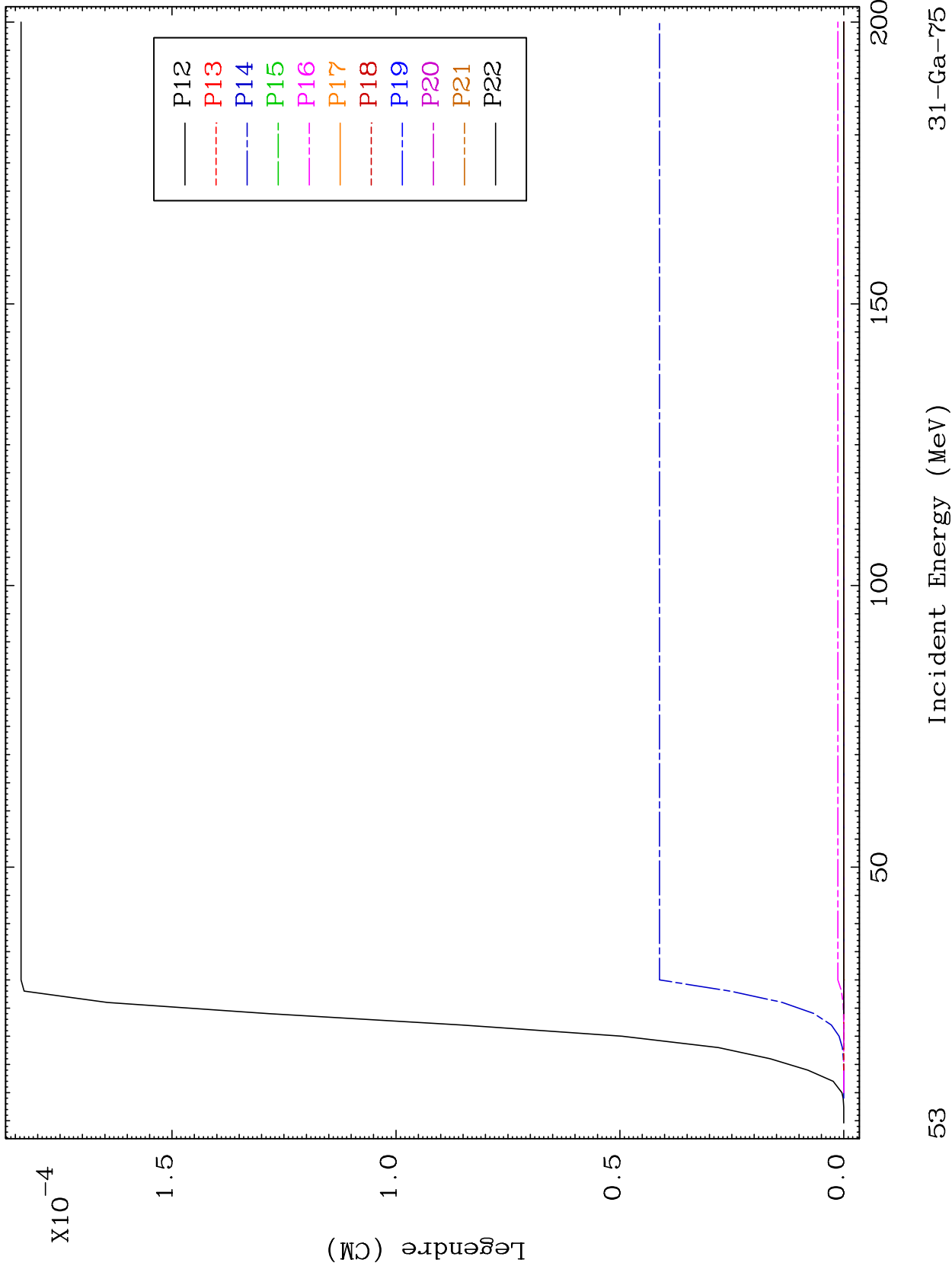


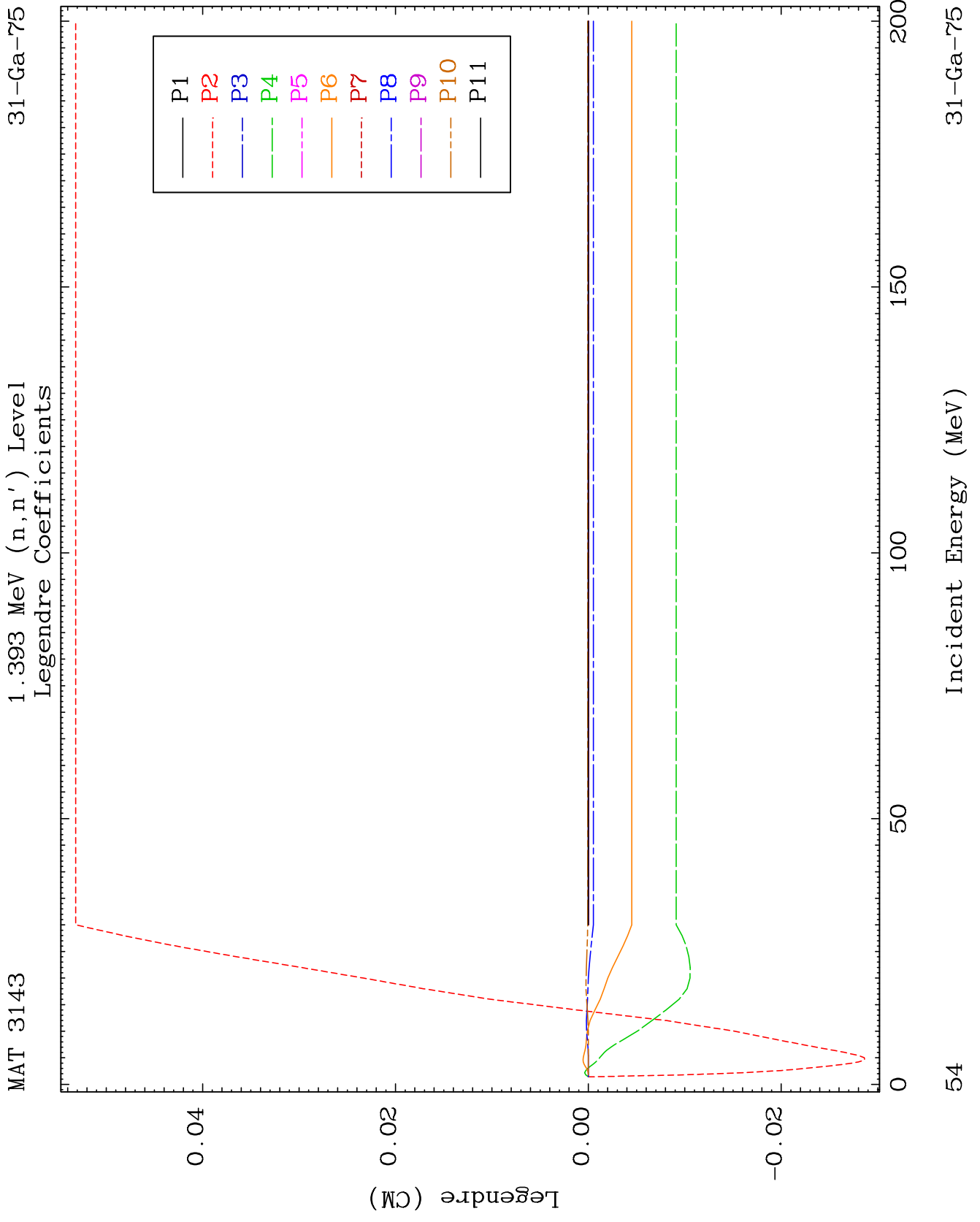
51

Incident Energy (MeV)

31-Ga-75



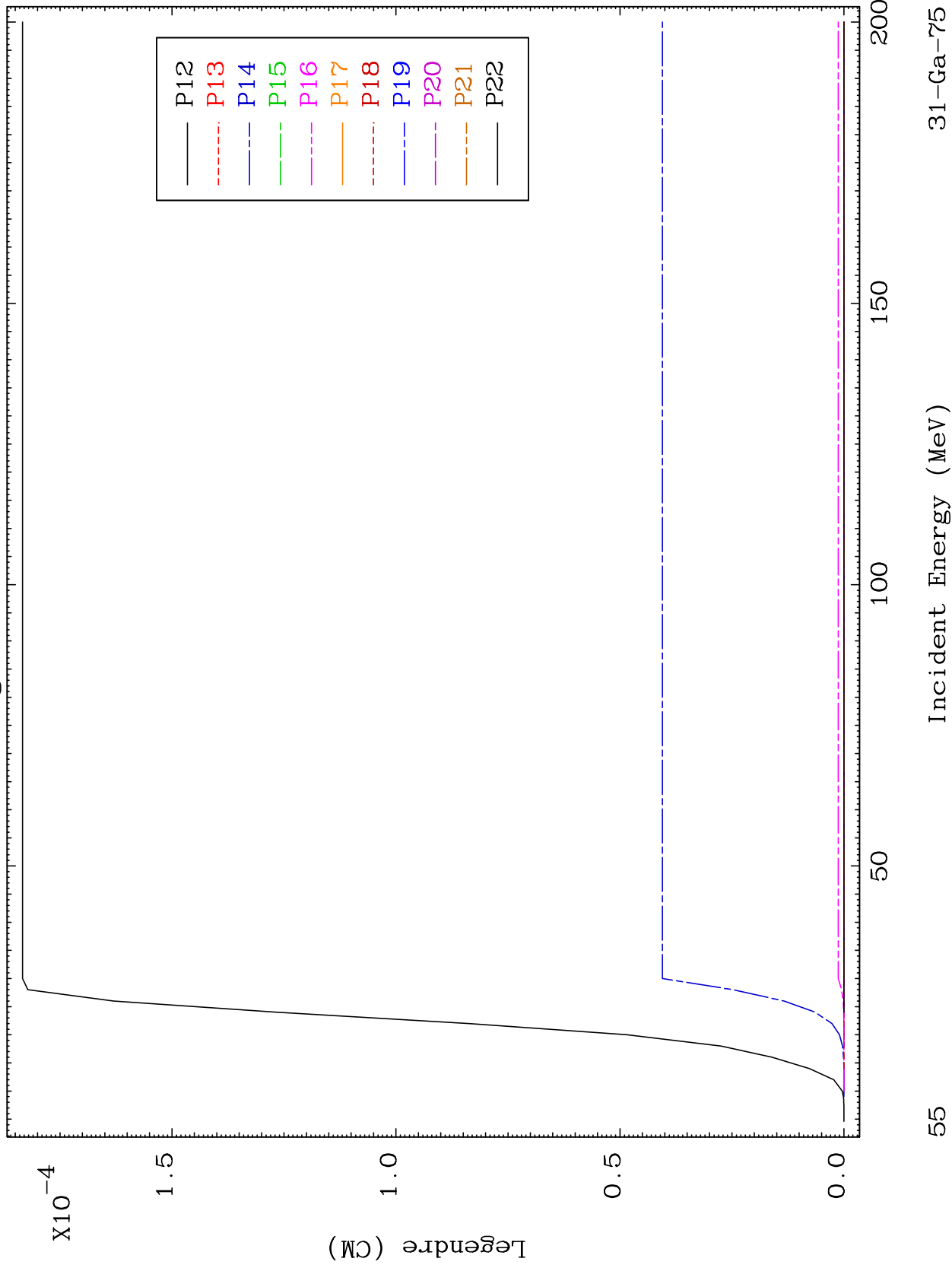




MAT 3143

1.393 MeV (n,n') Level  
Legendre Coefficients

31-Ga-75

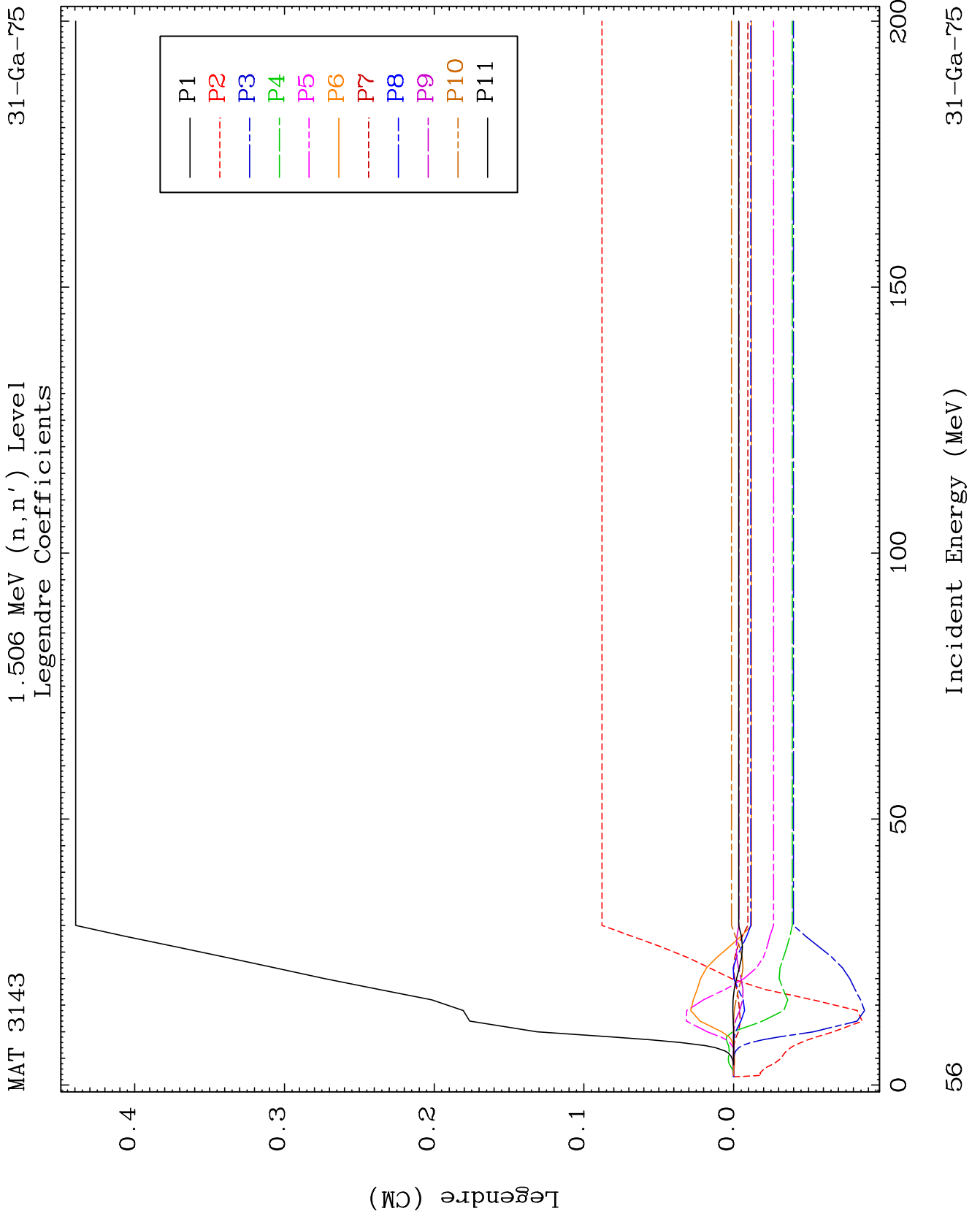


55

Incident Energy (MeV)

31-Ga-75

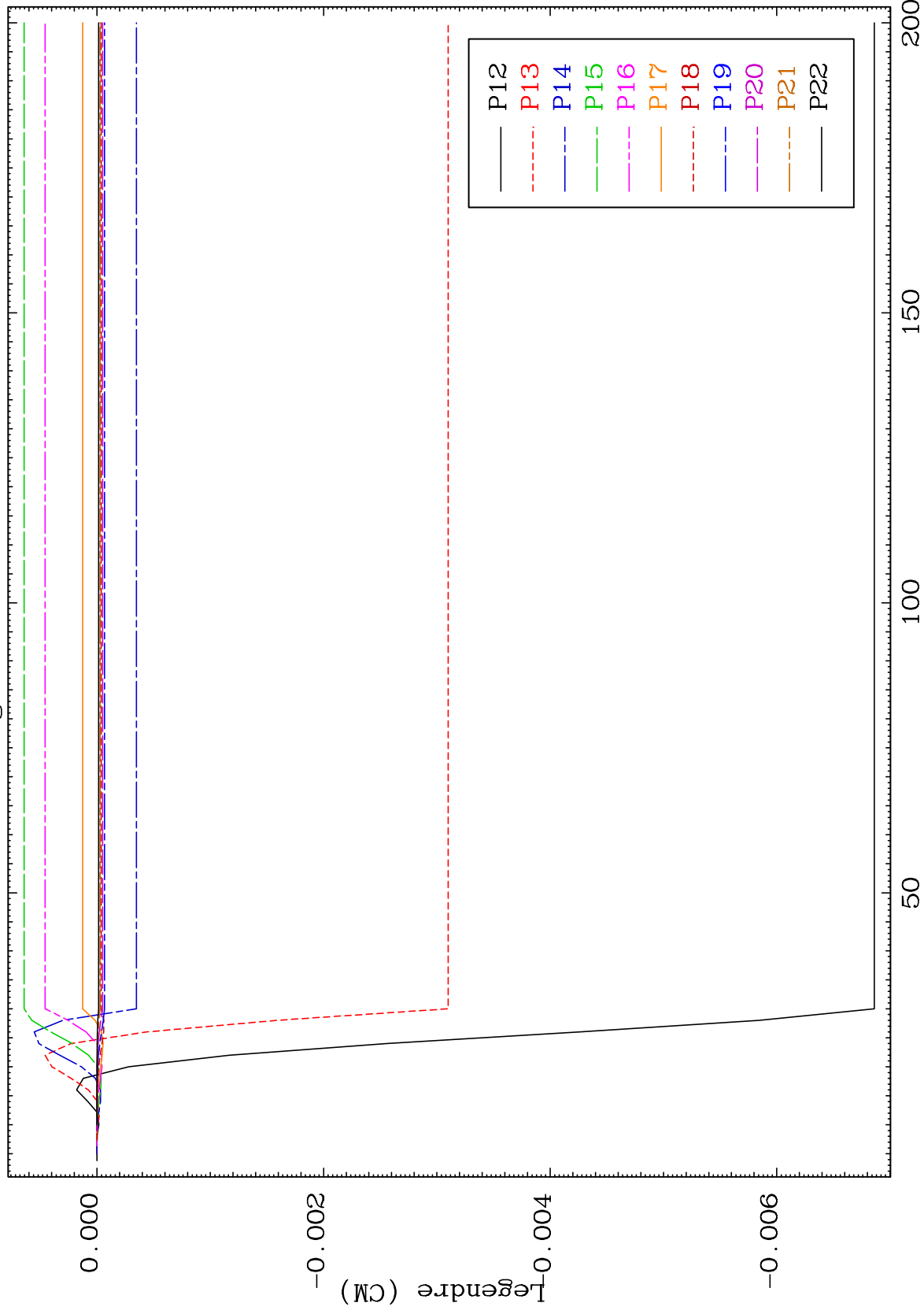




MAT 3143

1.506 MeV (n,n') Level  
Legendre Coefficients

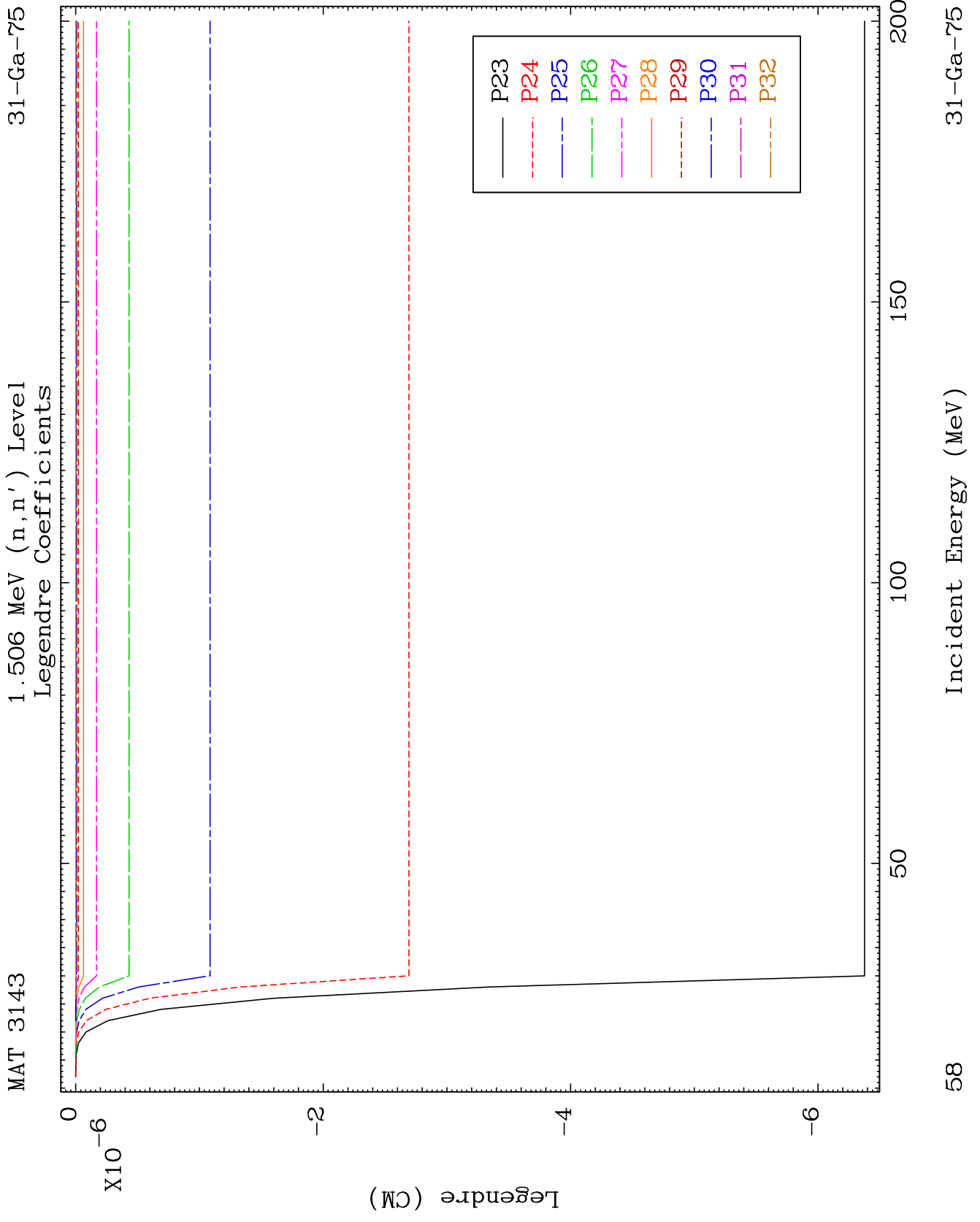
31-Ga-75

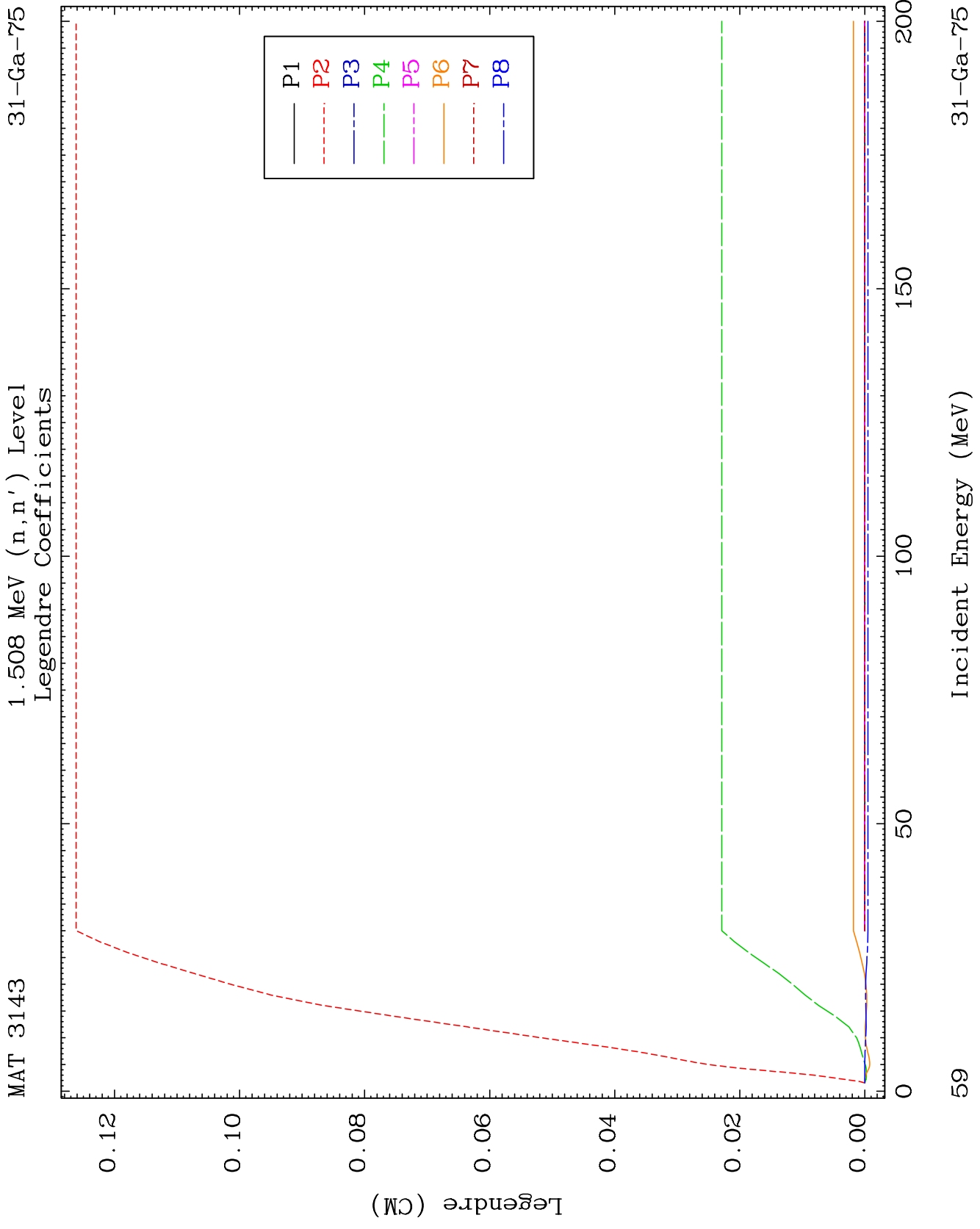


57

Incident Energy (MeV)

31-Ga-75

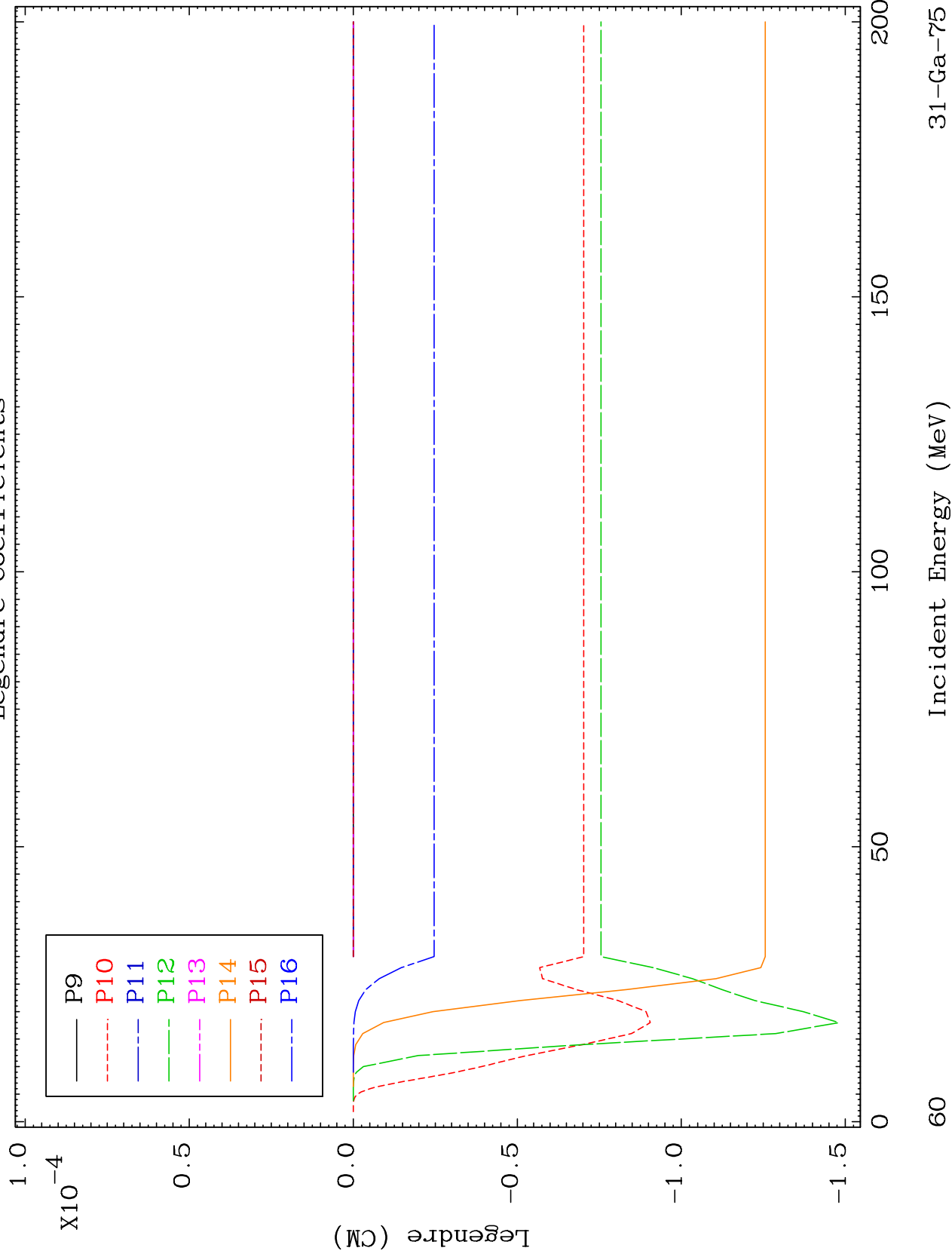




MAT 3143

1.508 MeV (n,n') Level  
Legendre Coefficients

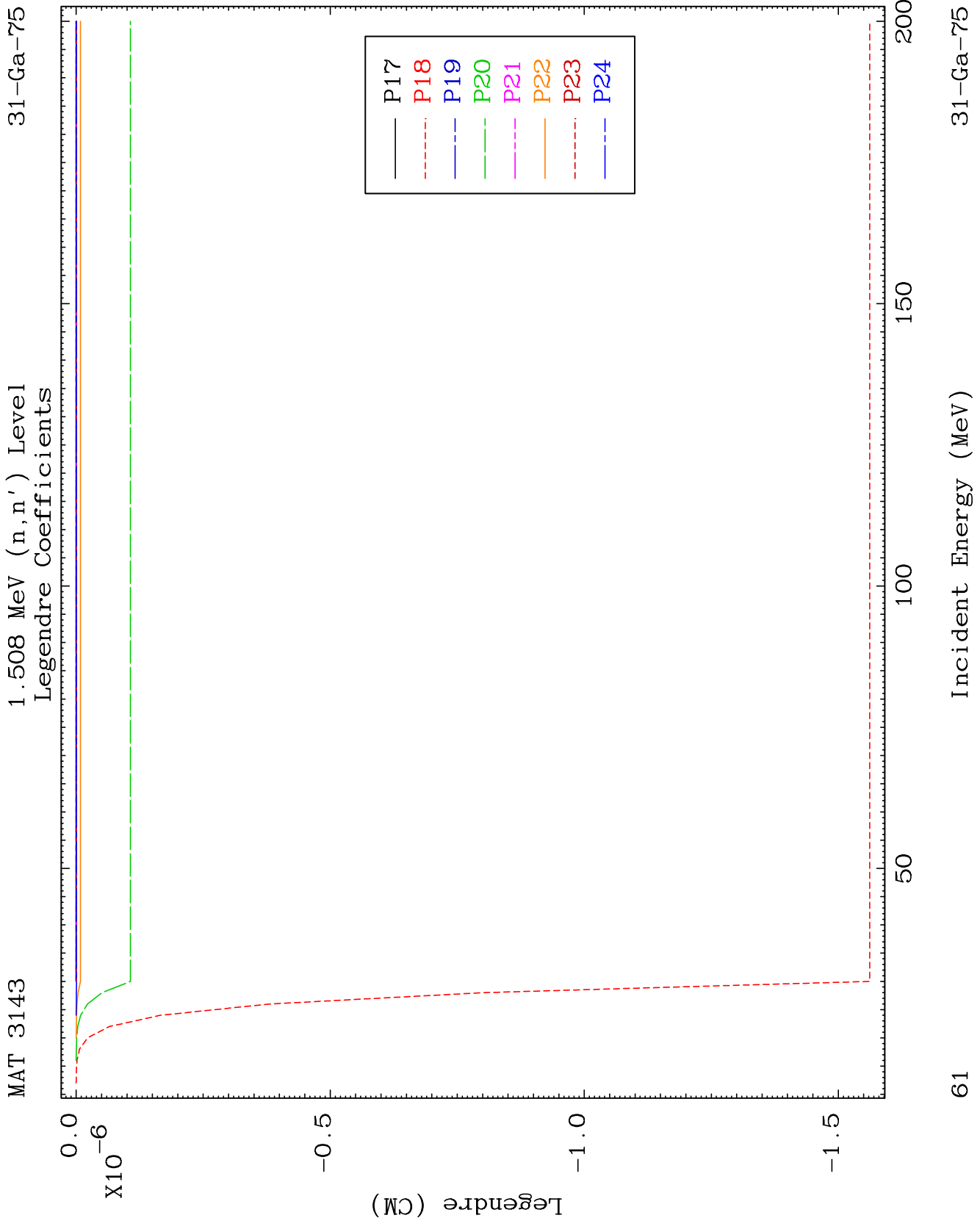
31-Ga-75

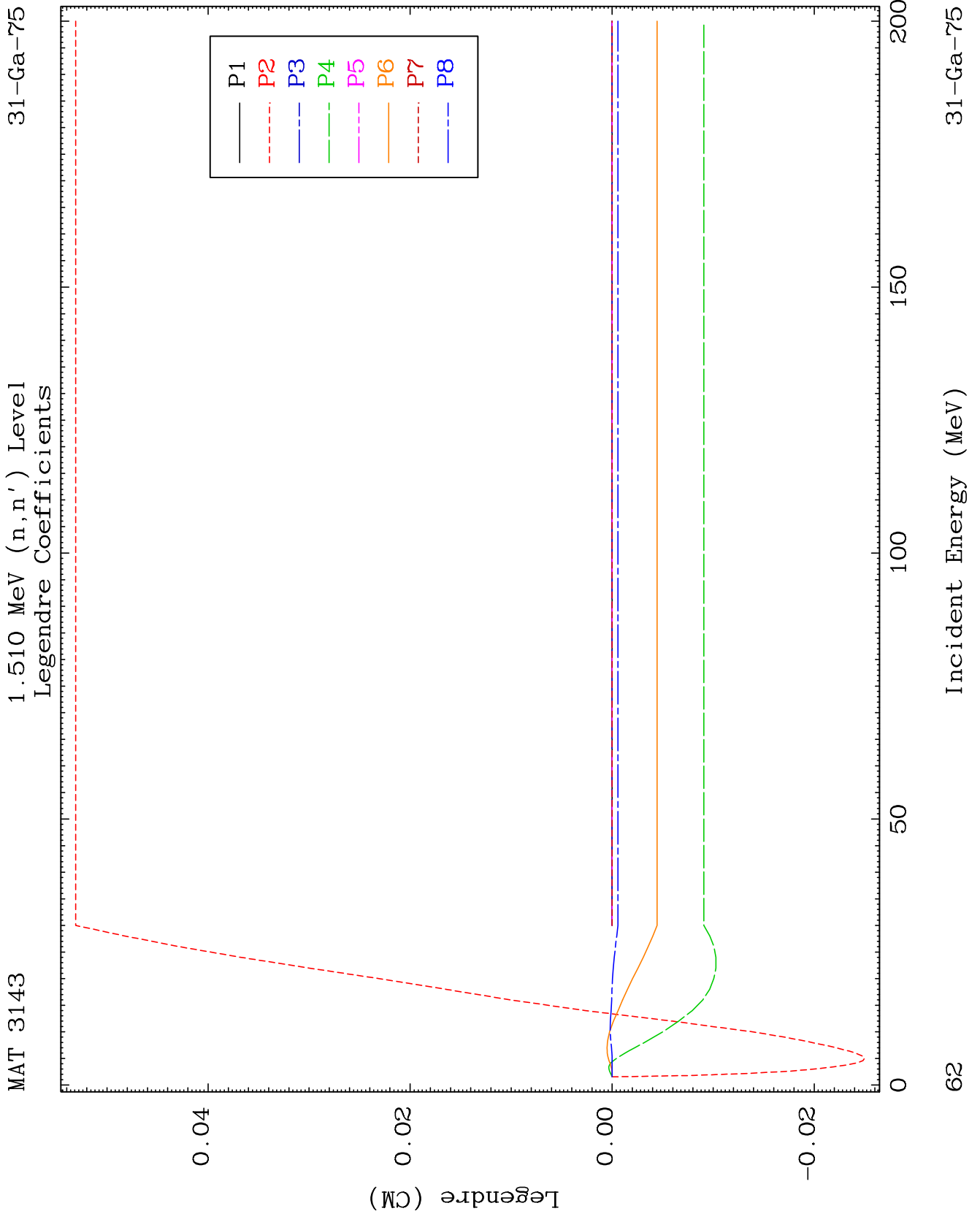


31-Ga-75

Incident Energy (MeV)

60









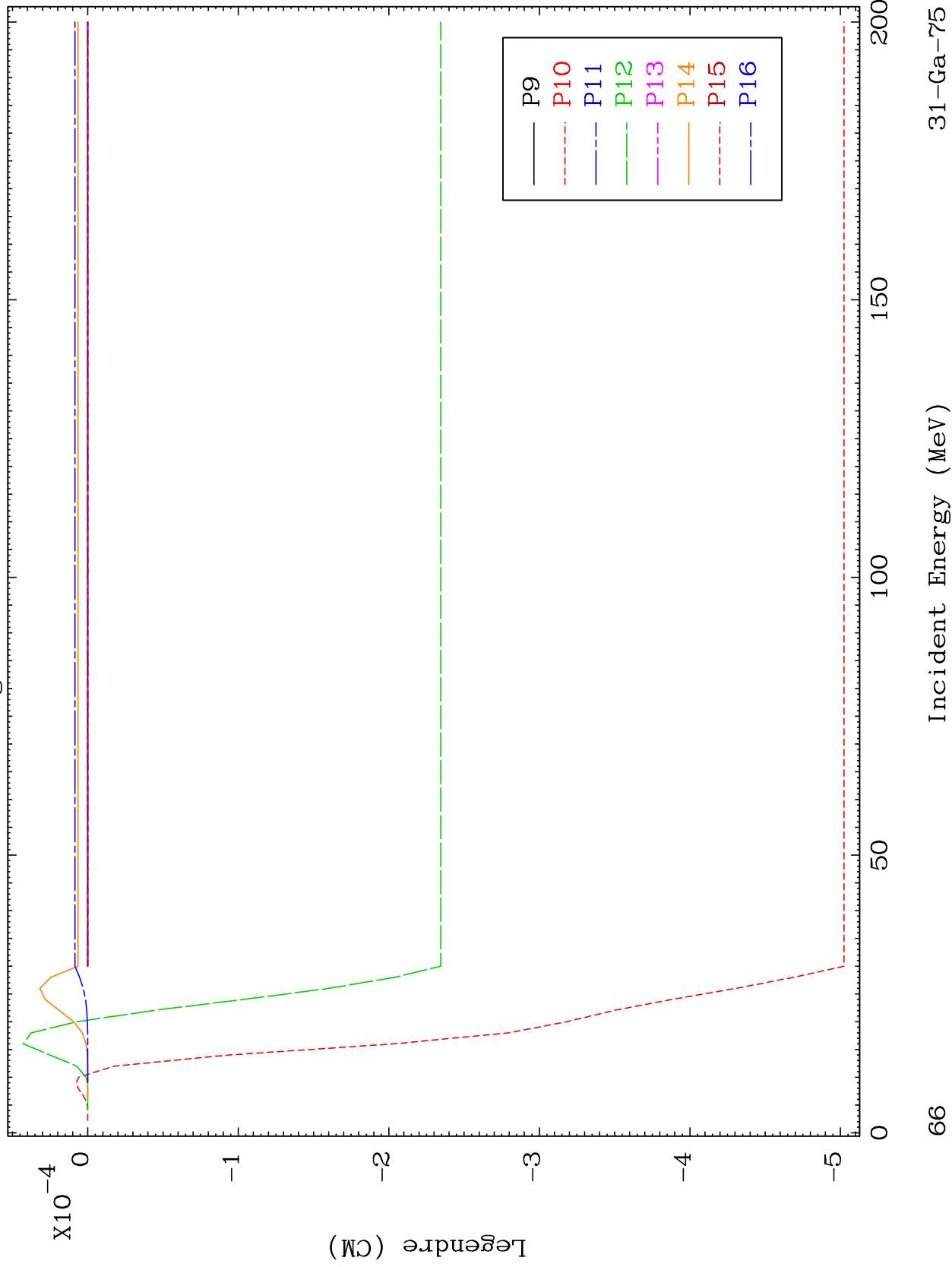




MAT 3143

1.545 MeV (n,n') Level  
Legendre Coefficients

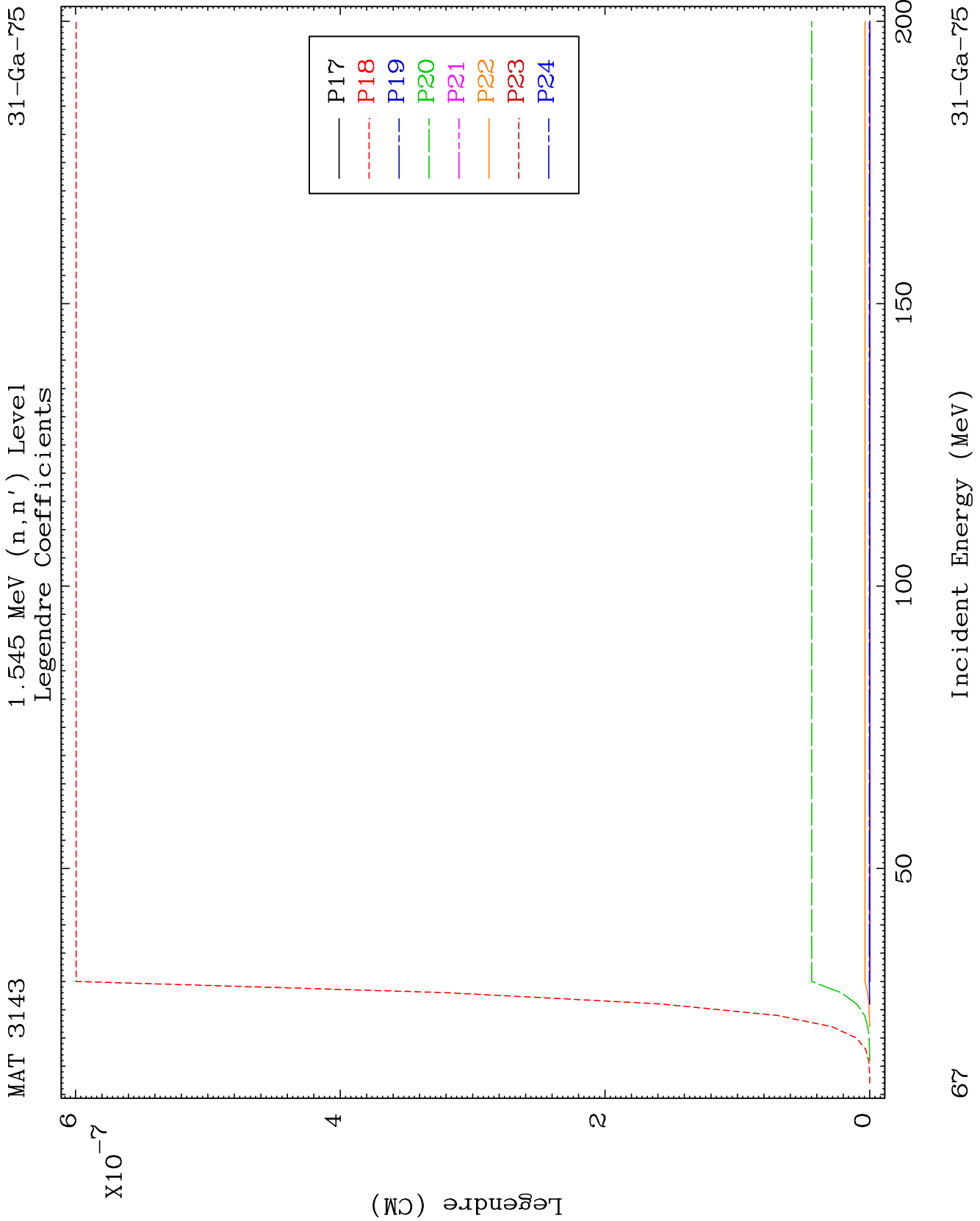
31-Ga-75



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Incident Energy (MeV)

31-Ga-75

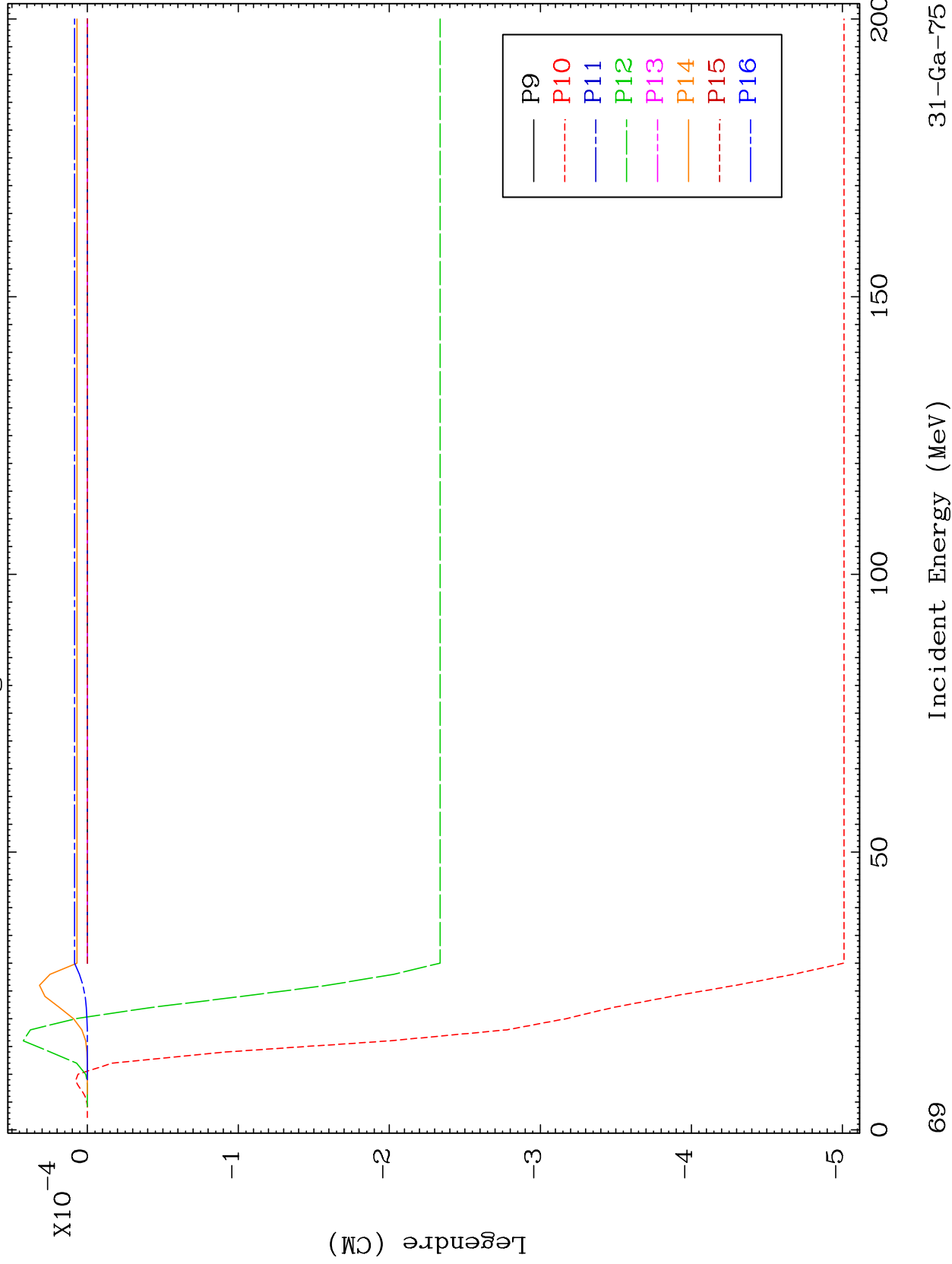




MAT 3143

1.622 MeV (n,n') Level  
Legendre Coefficients

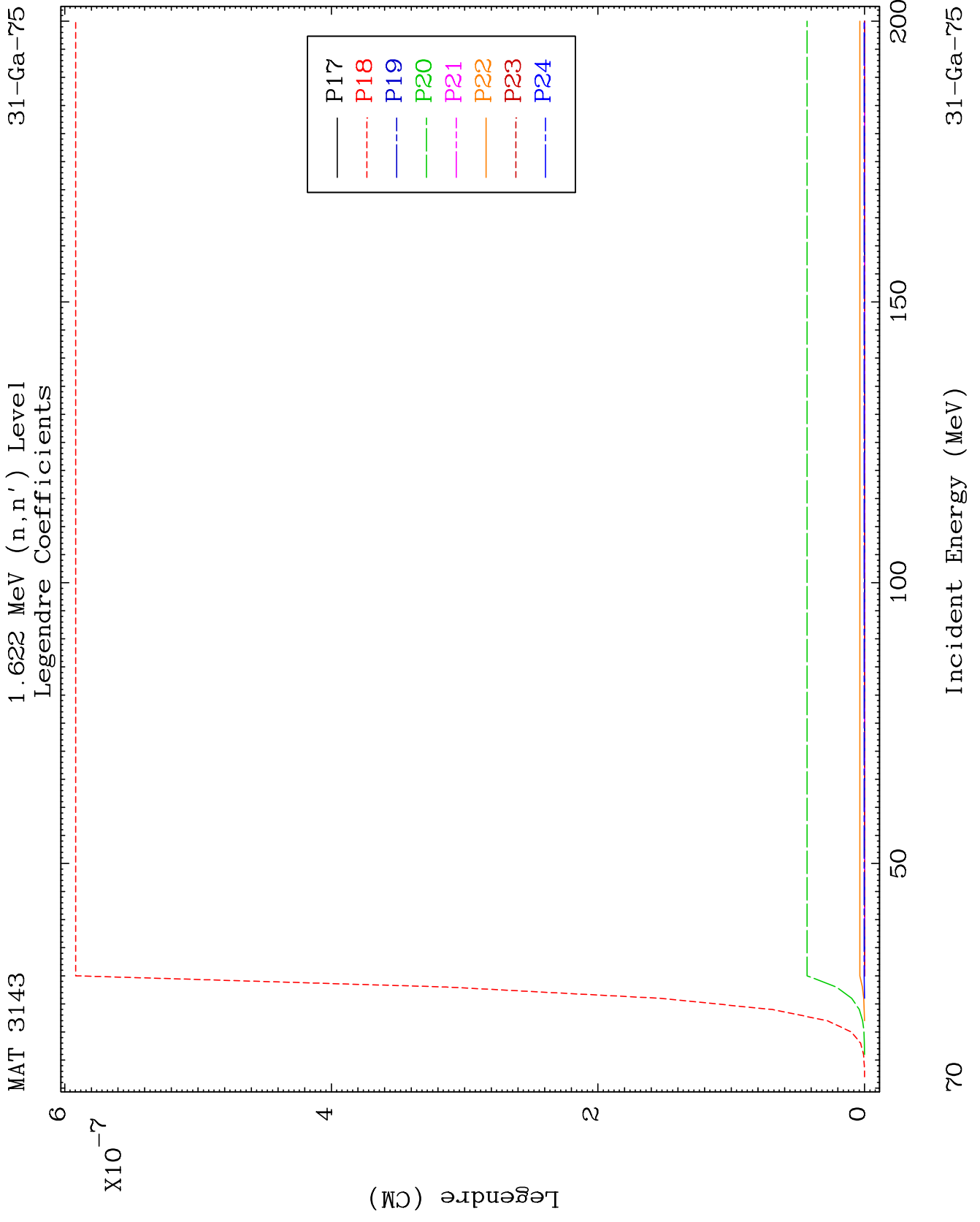
31-Ga-75

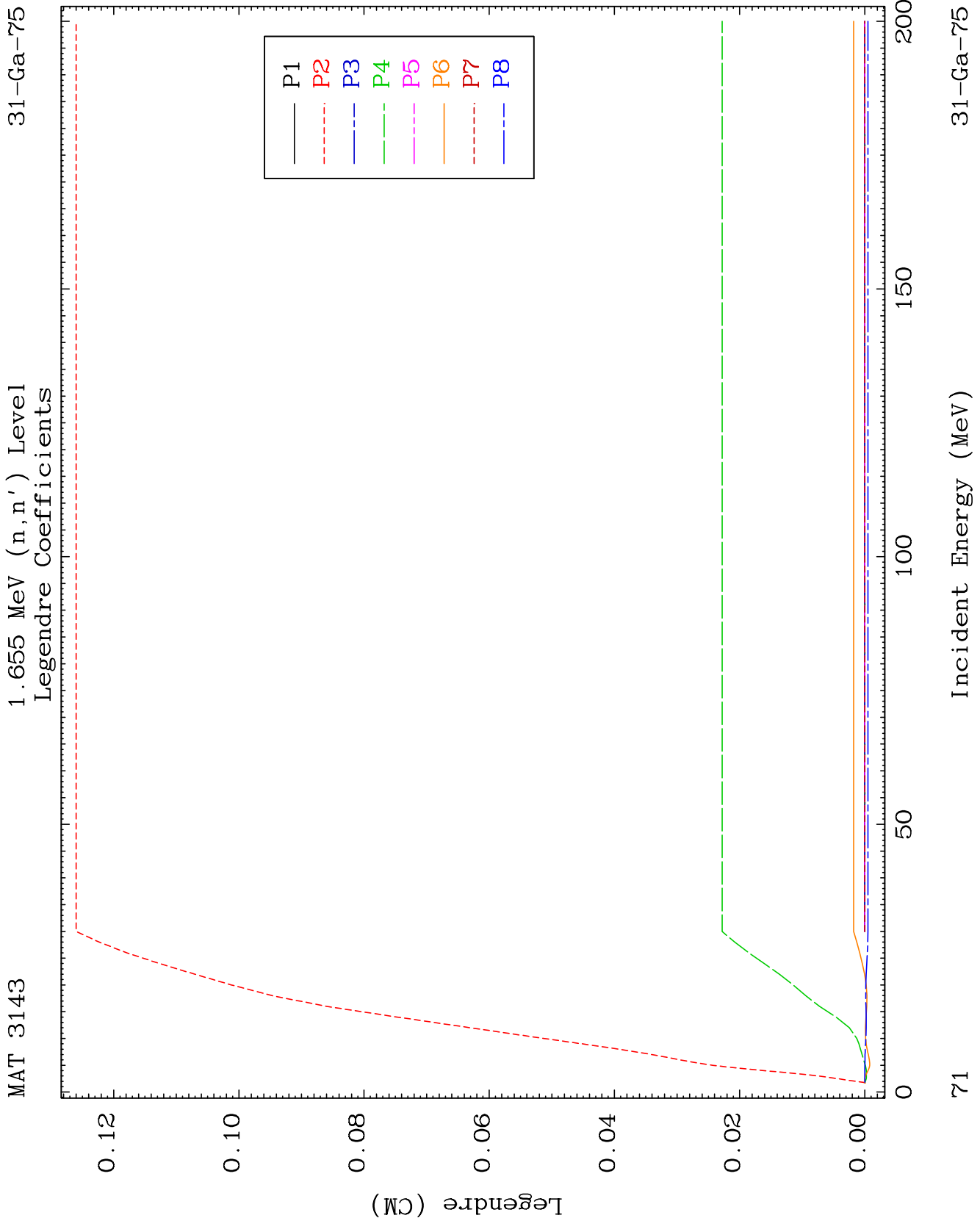


69

Incident Energy (MeV)

31-Ga-75



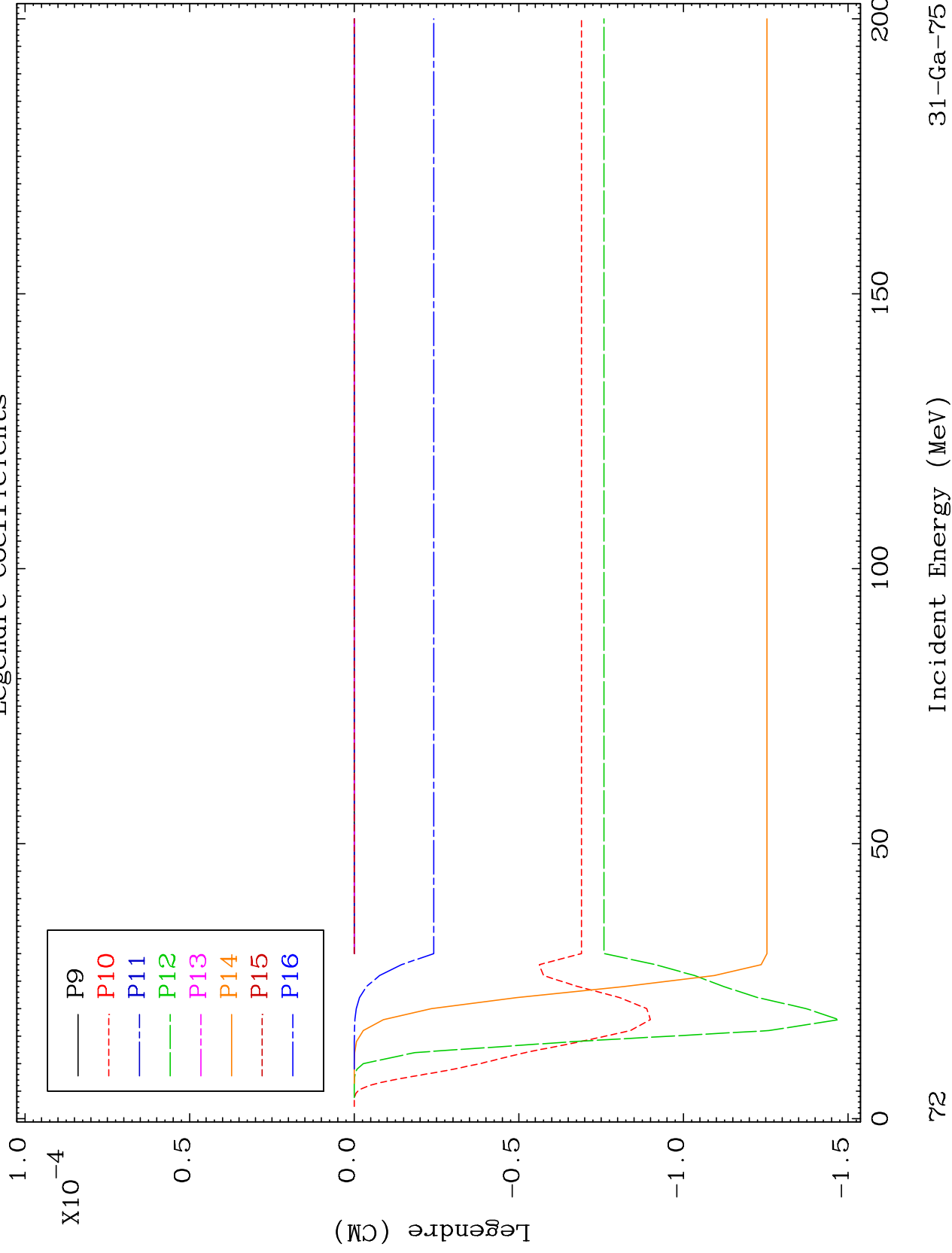




MAT 3143

1.655 MeV (n,n') Level  
Legendre Coefficients

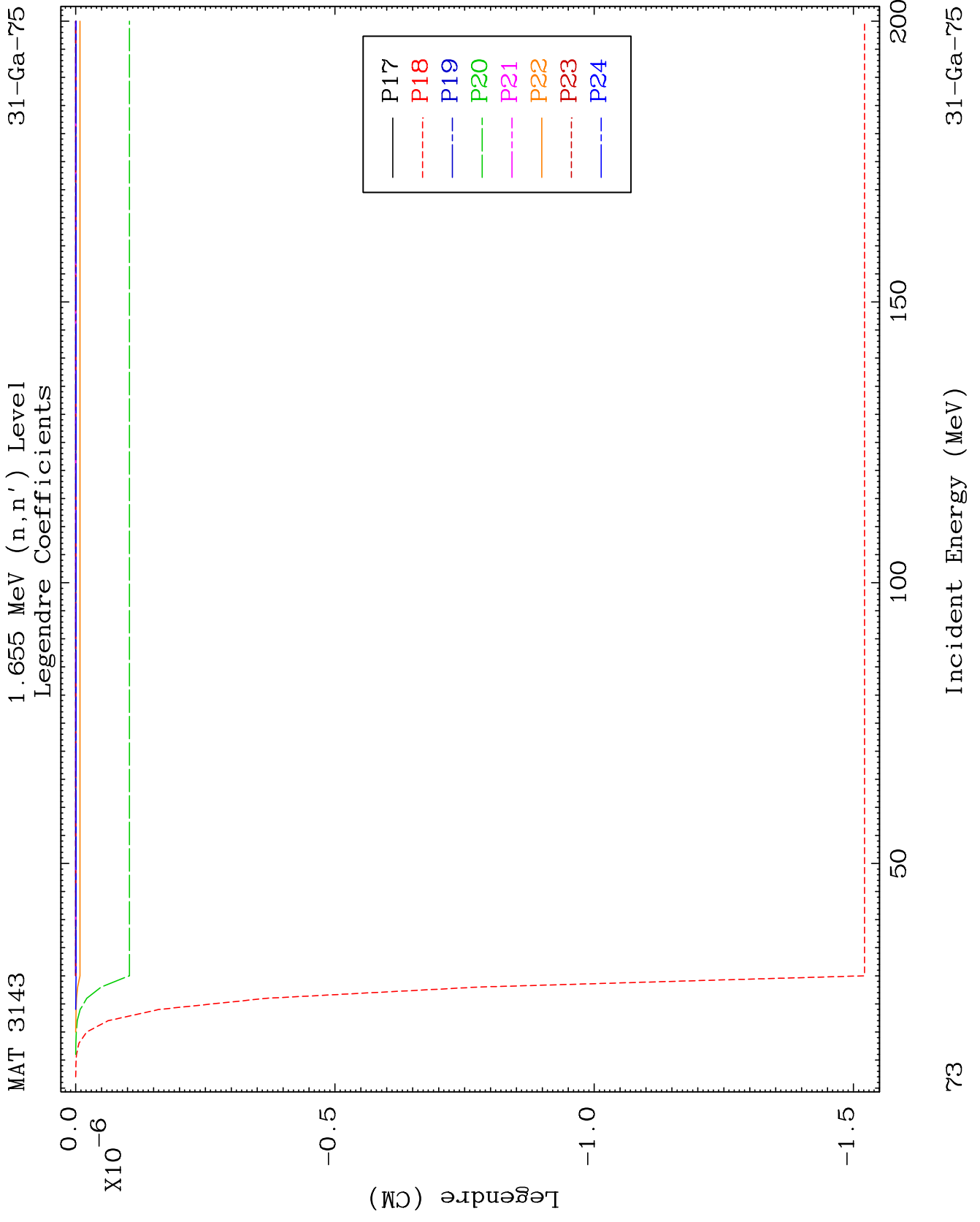
31-Ga-75

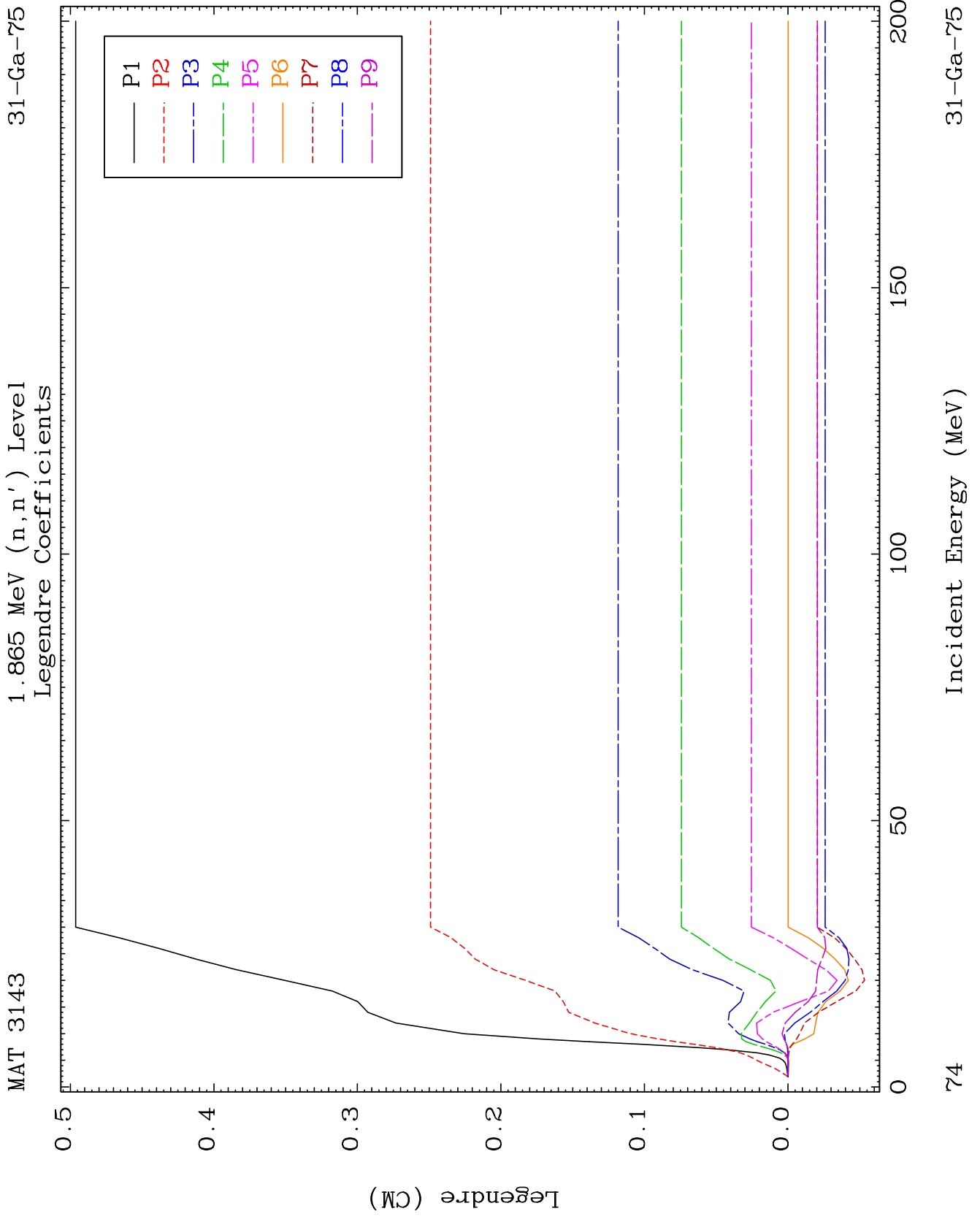


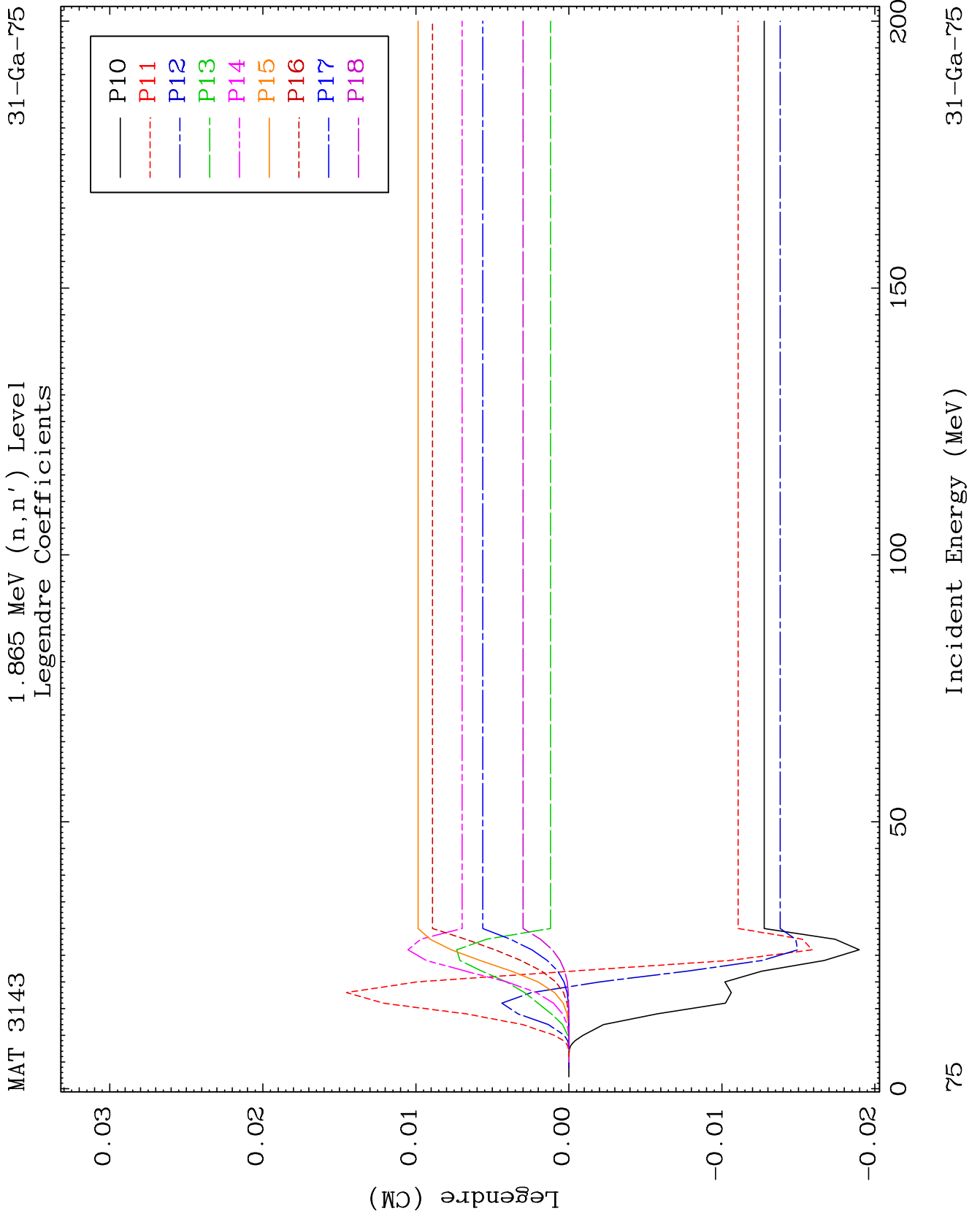
72

Incident Energy (MeV)

31-Ga-75



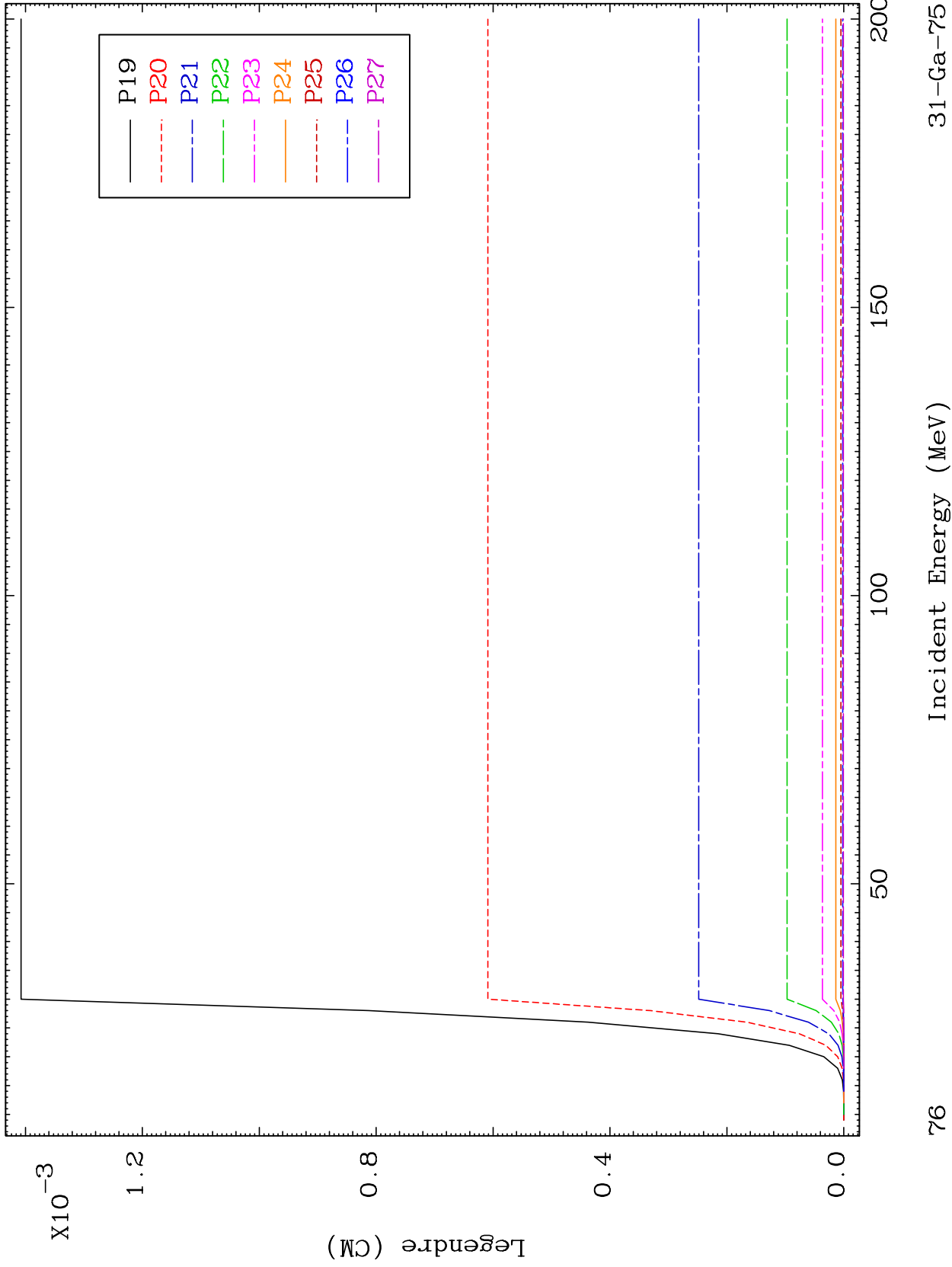




MAT 3143

1.865 MeV (n,n') Level  
Legendre Coefficients

31-Ga-75



76

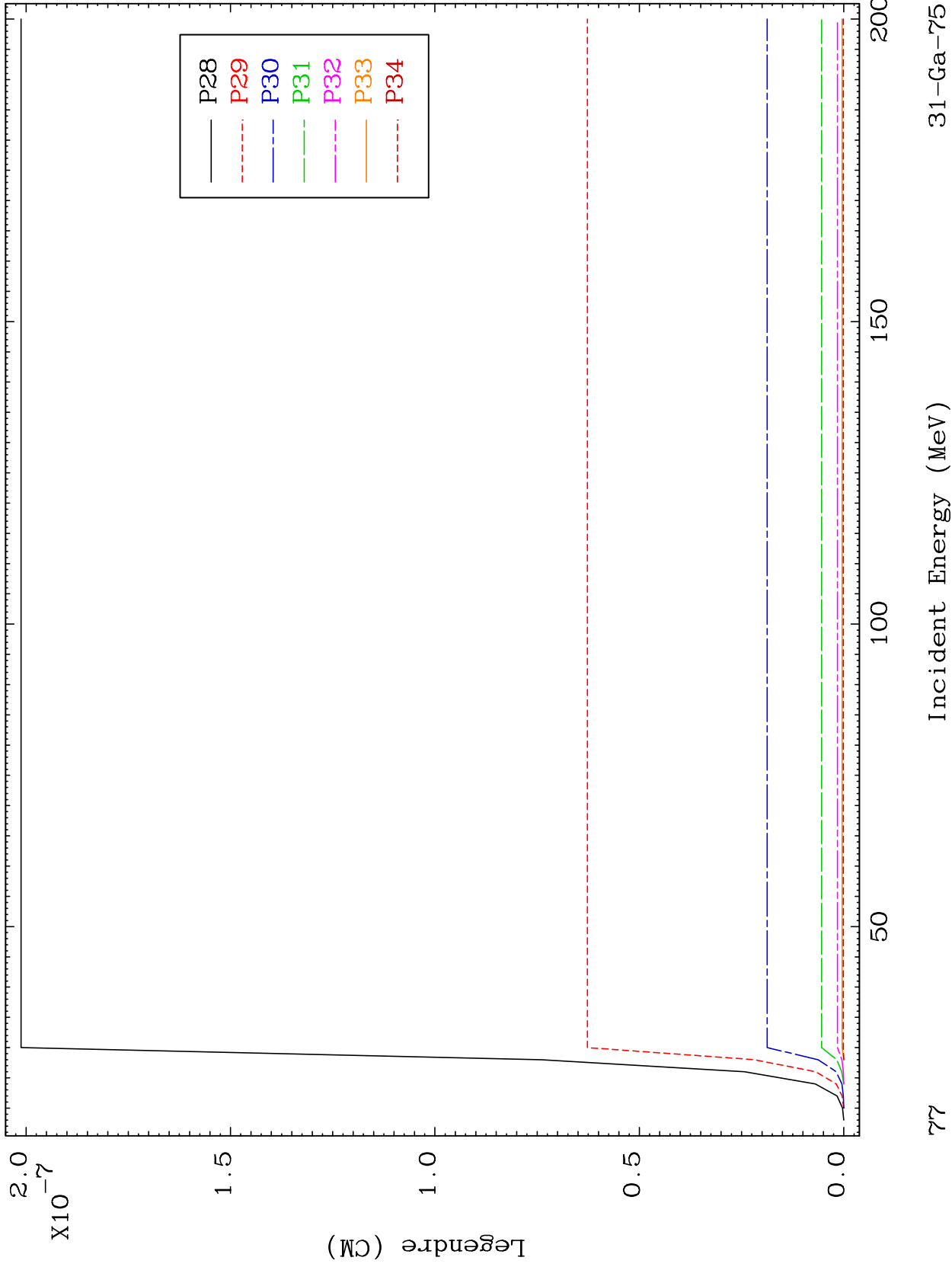
Incident Energy (MeV)

31-Ga-75

MAT 3143

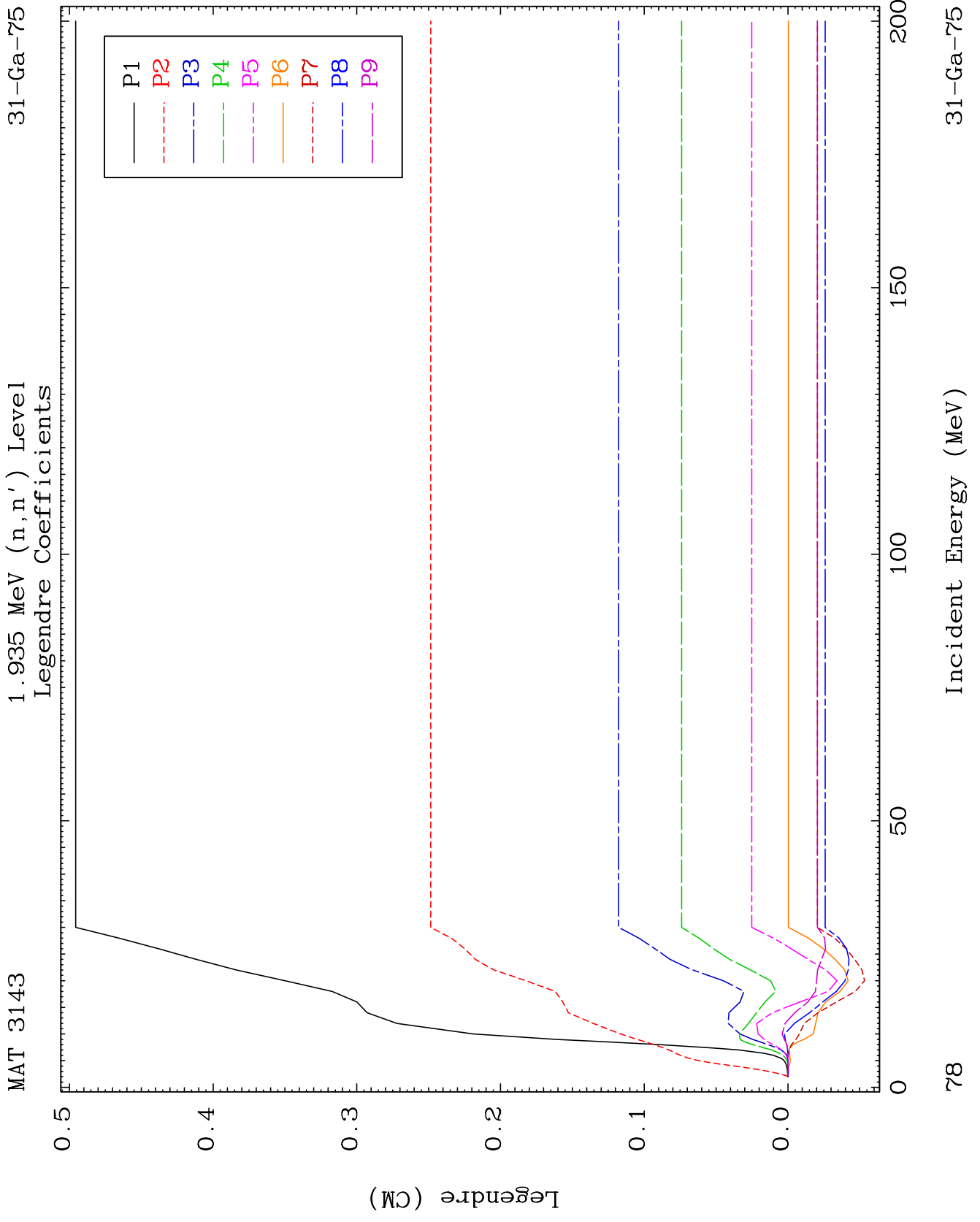
1.865 MeV (n,n') Level  
Legendre Coefficients

31-Ga-75



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31-Ga-75



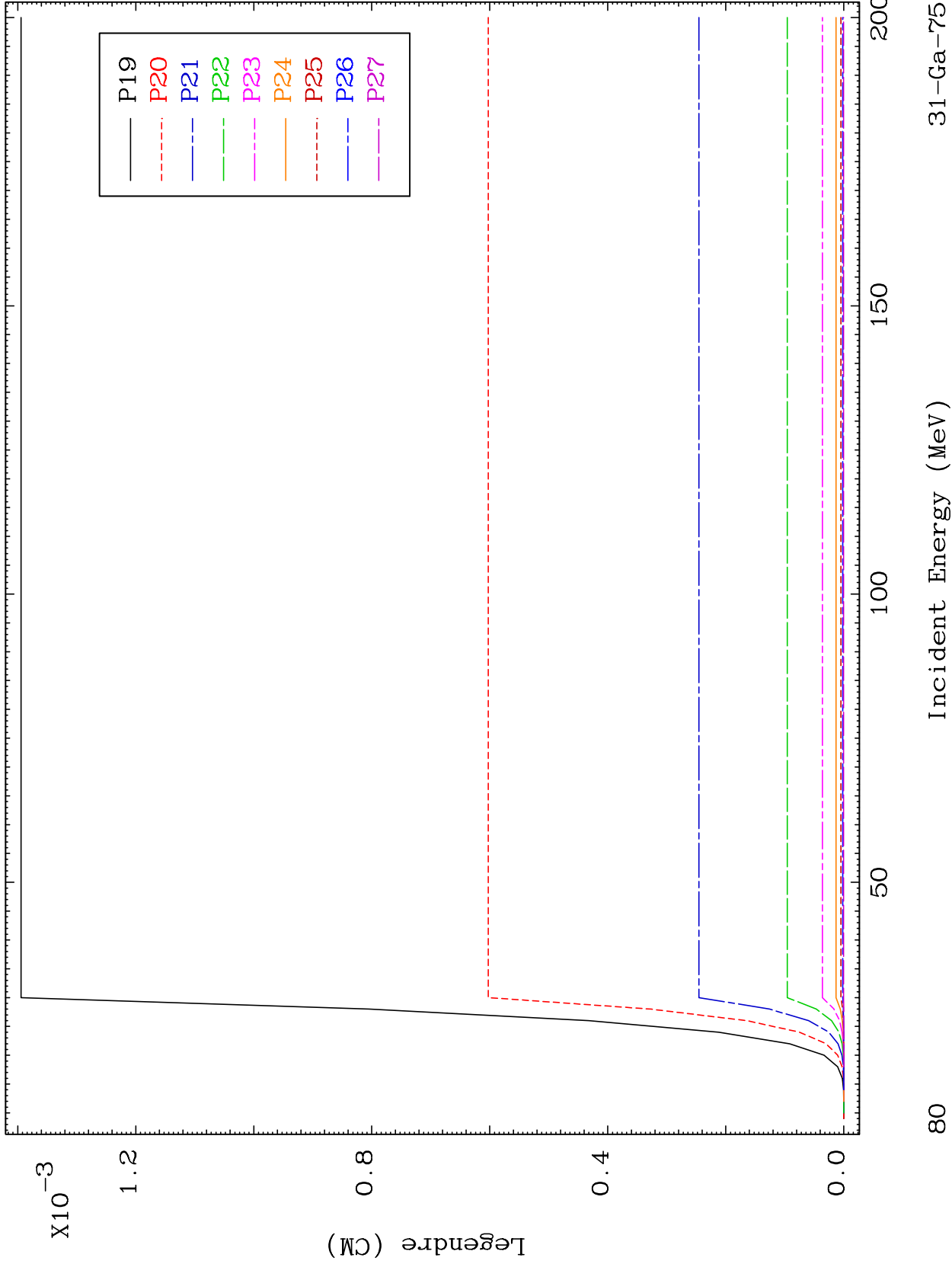




MAT 3143

1.935 MeV (n,n') Level  
Legendre Coefficients

31-Ga-75



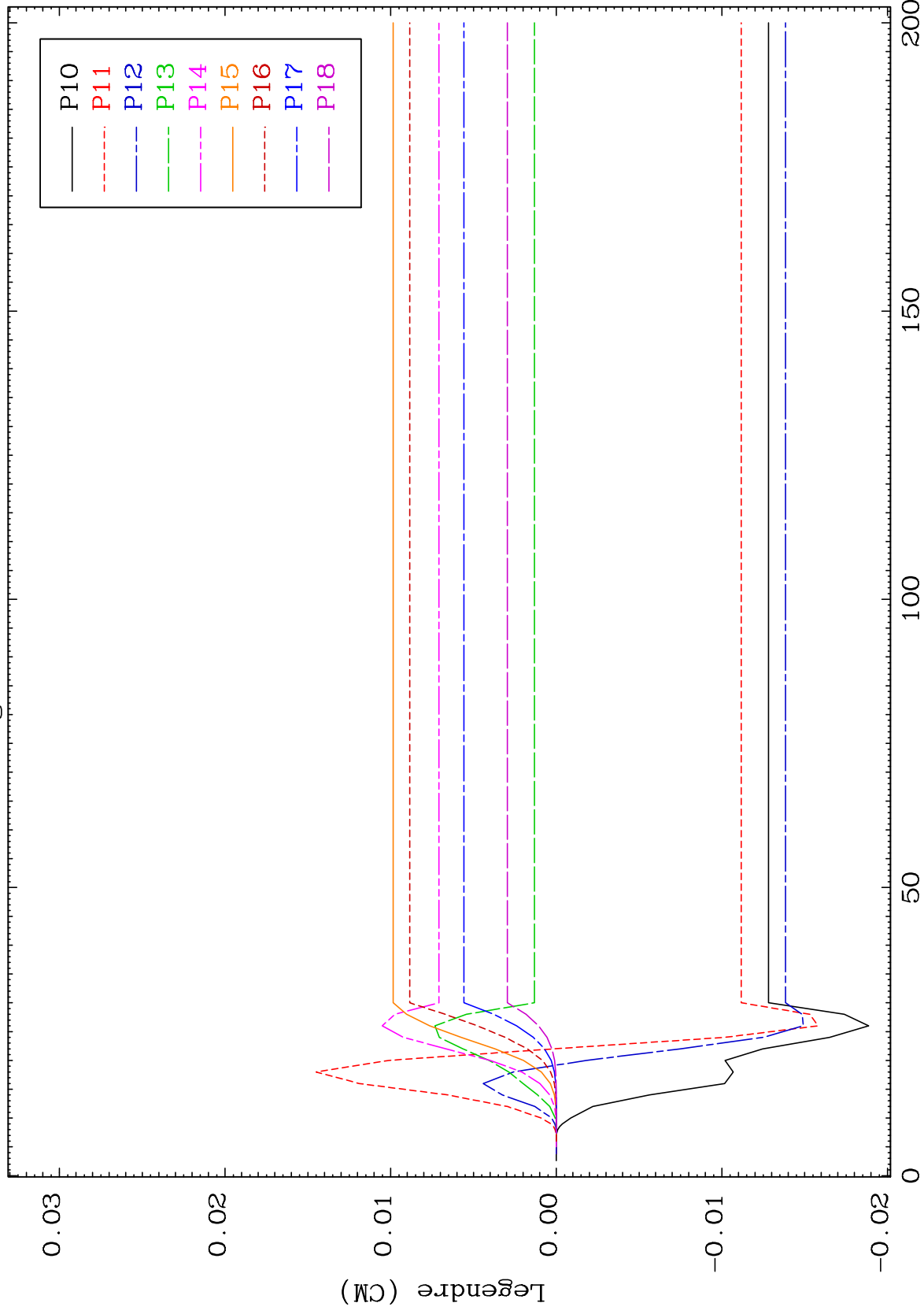




MAT 3143

1.976 MeV (n,n') Level  
Legendre Coefficients

31-Ga-75



83

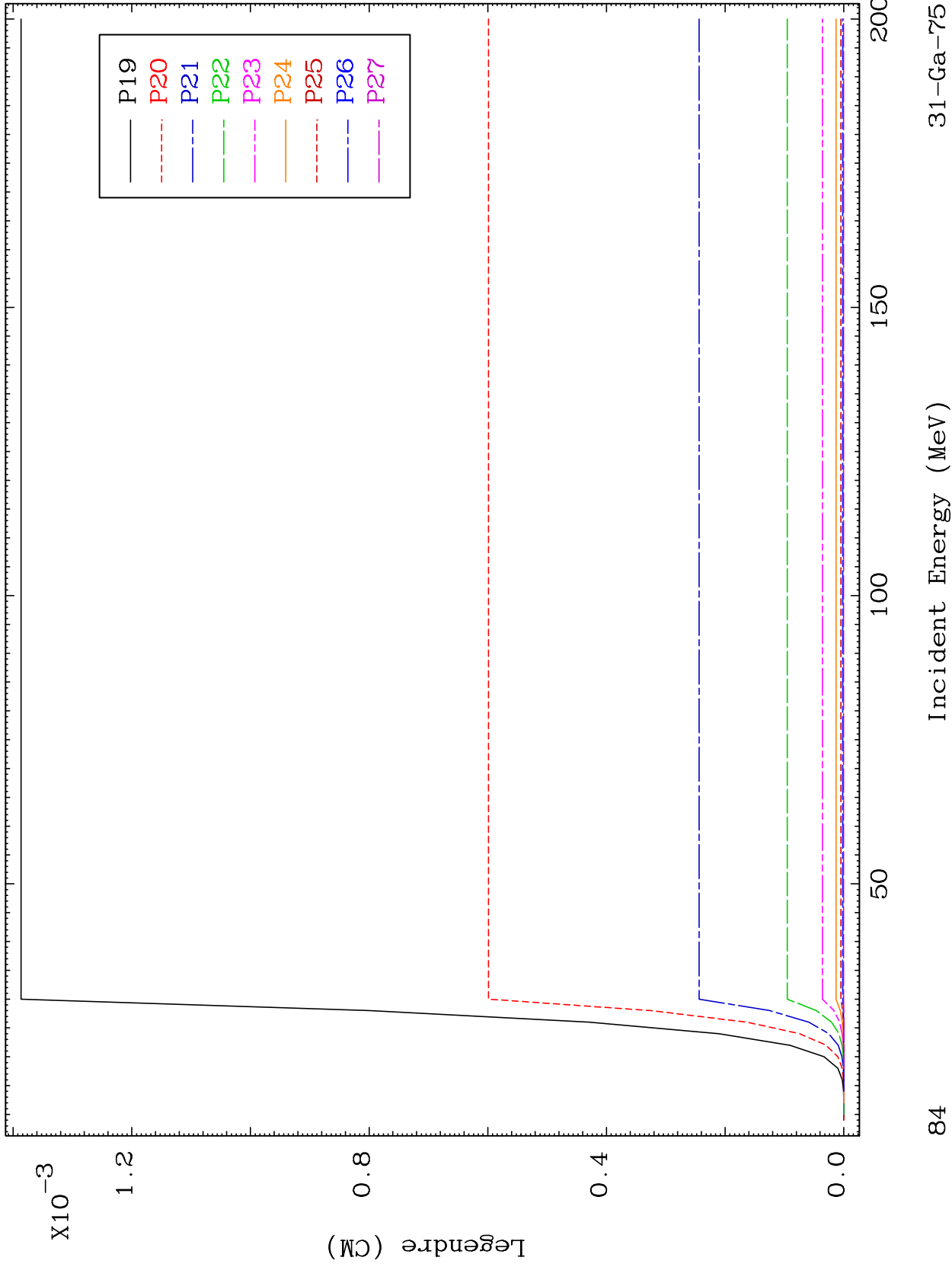
Incident Energy (MeV)

31-Ga-75

MAT 3143

1.976 MeV (n,n') Level  
Legendre Coefficients

31-Ga-75



84

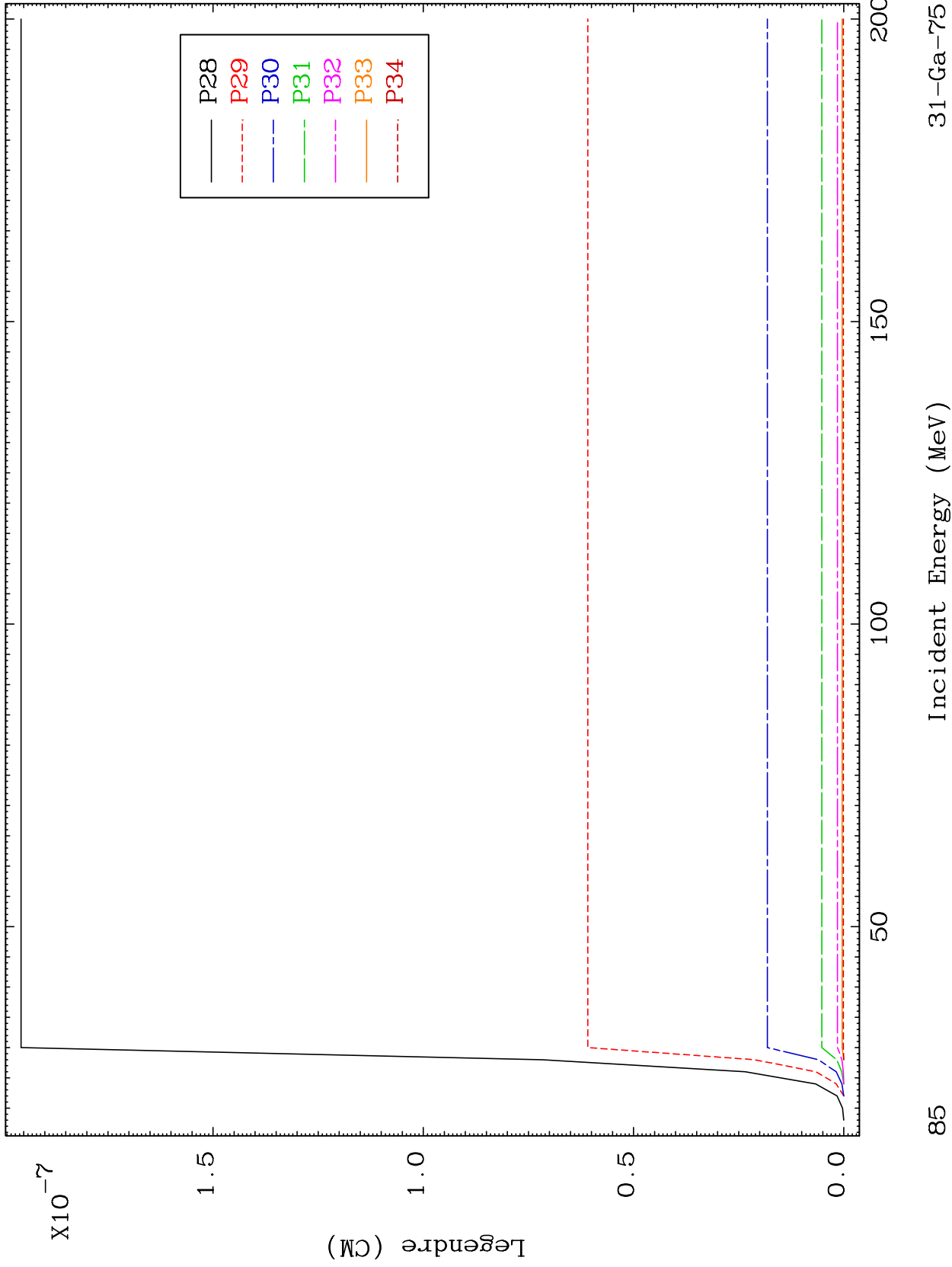
Incident Energy (MeV)

31-Ga-75

MAT 3143

1.976 MeV (n,n') Level  
Legendre Coefficients

31-Ga-75

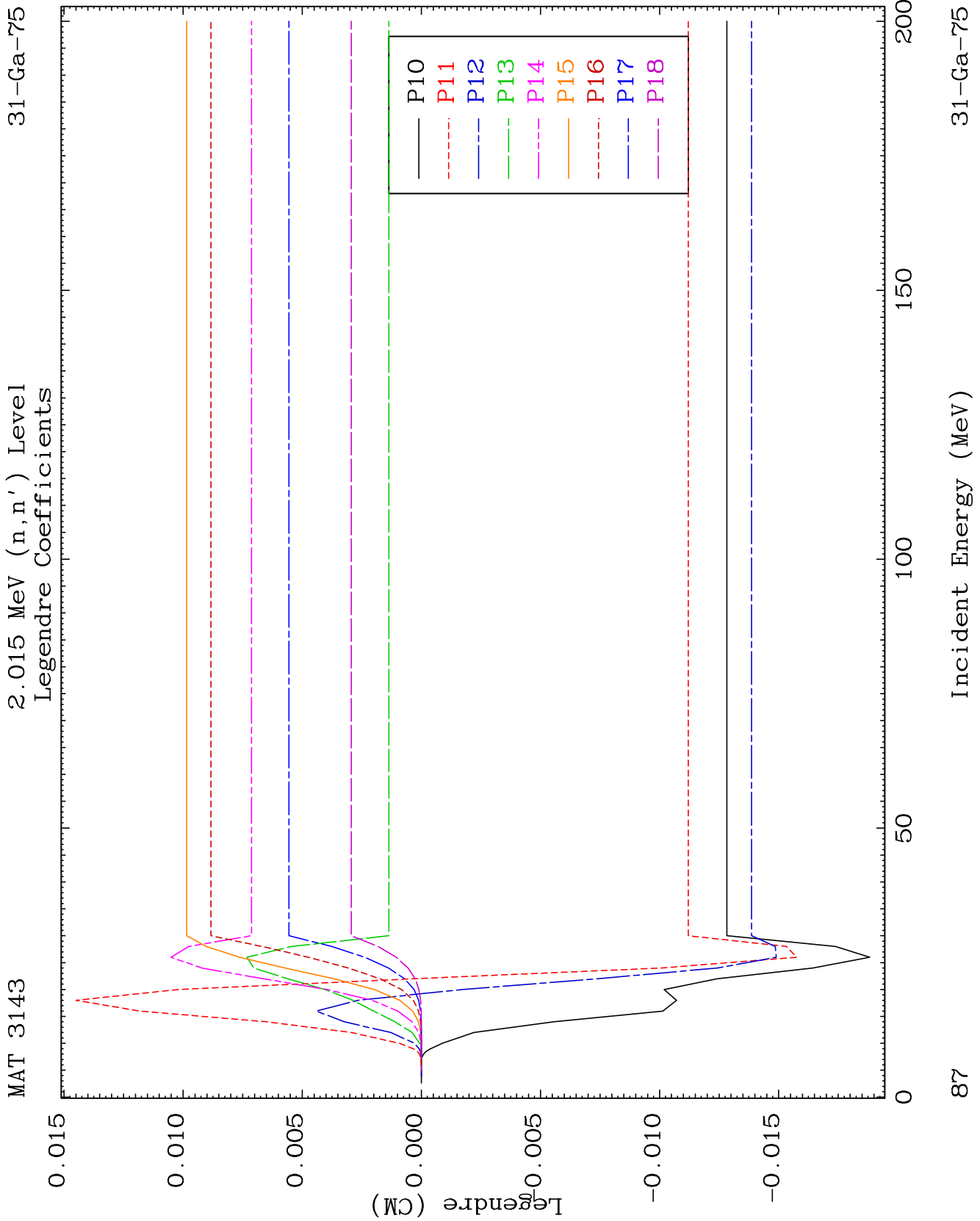


85

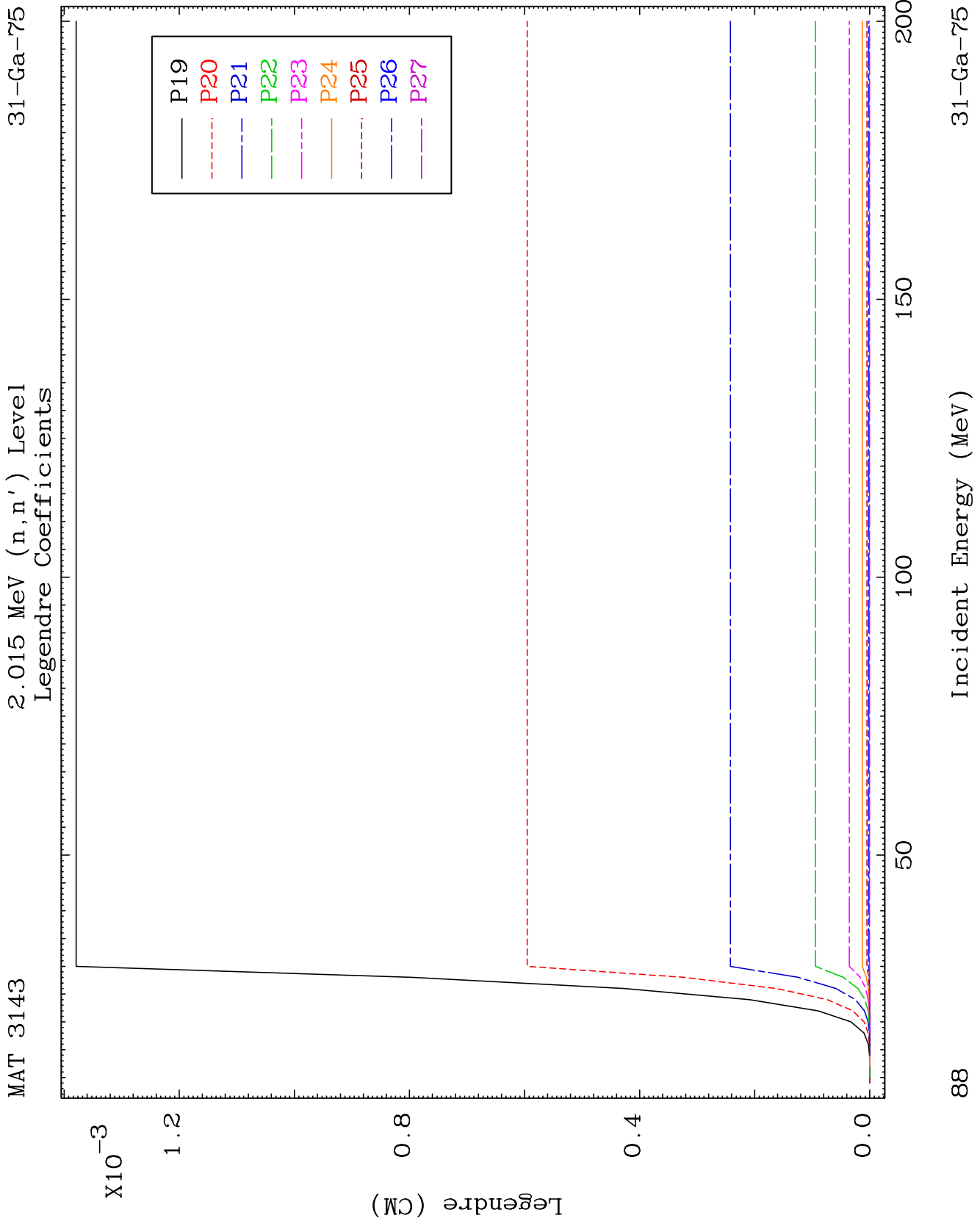
Incident Energy (MeV)

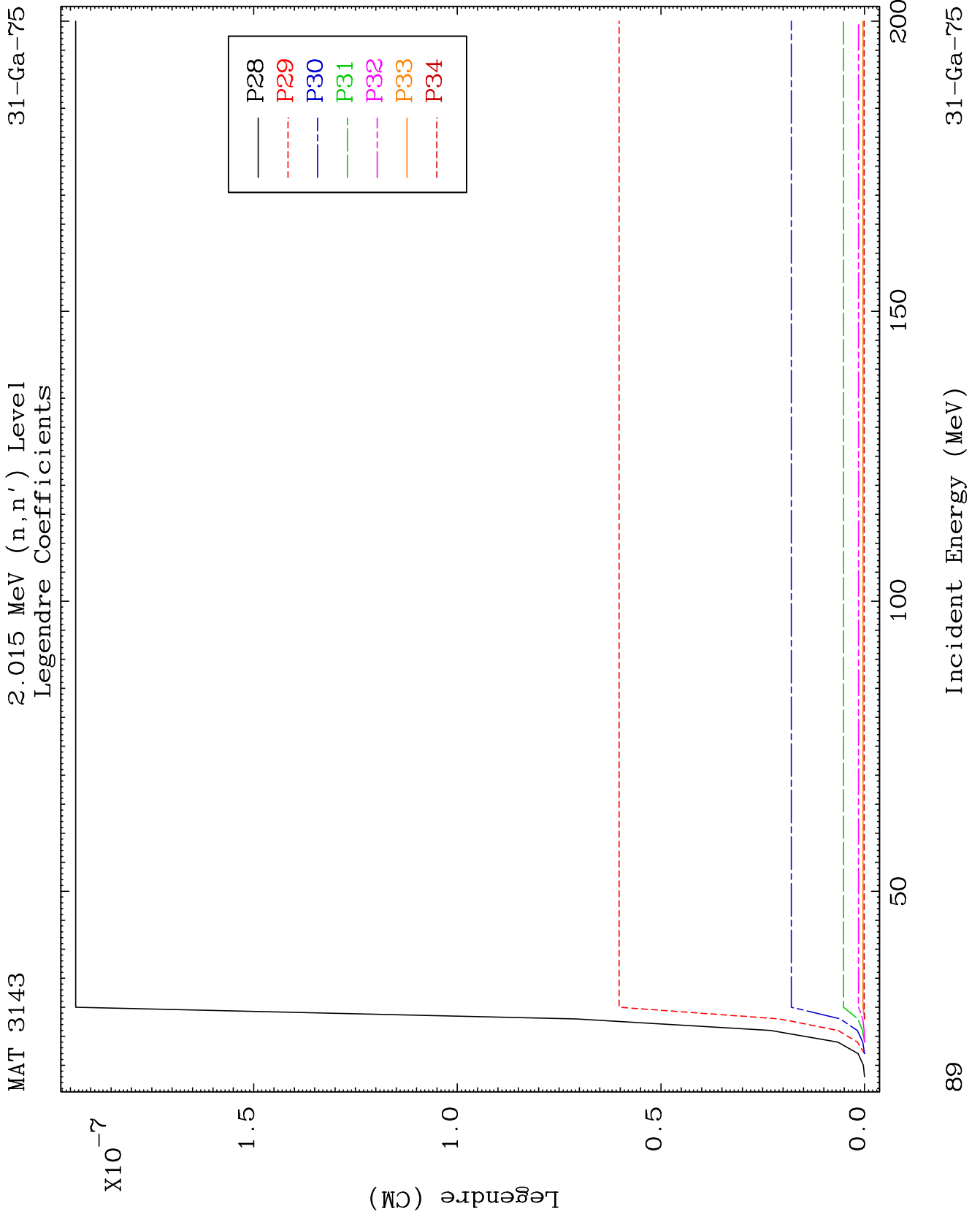
31-Ga-75

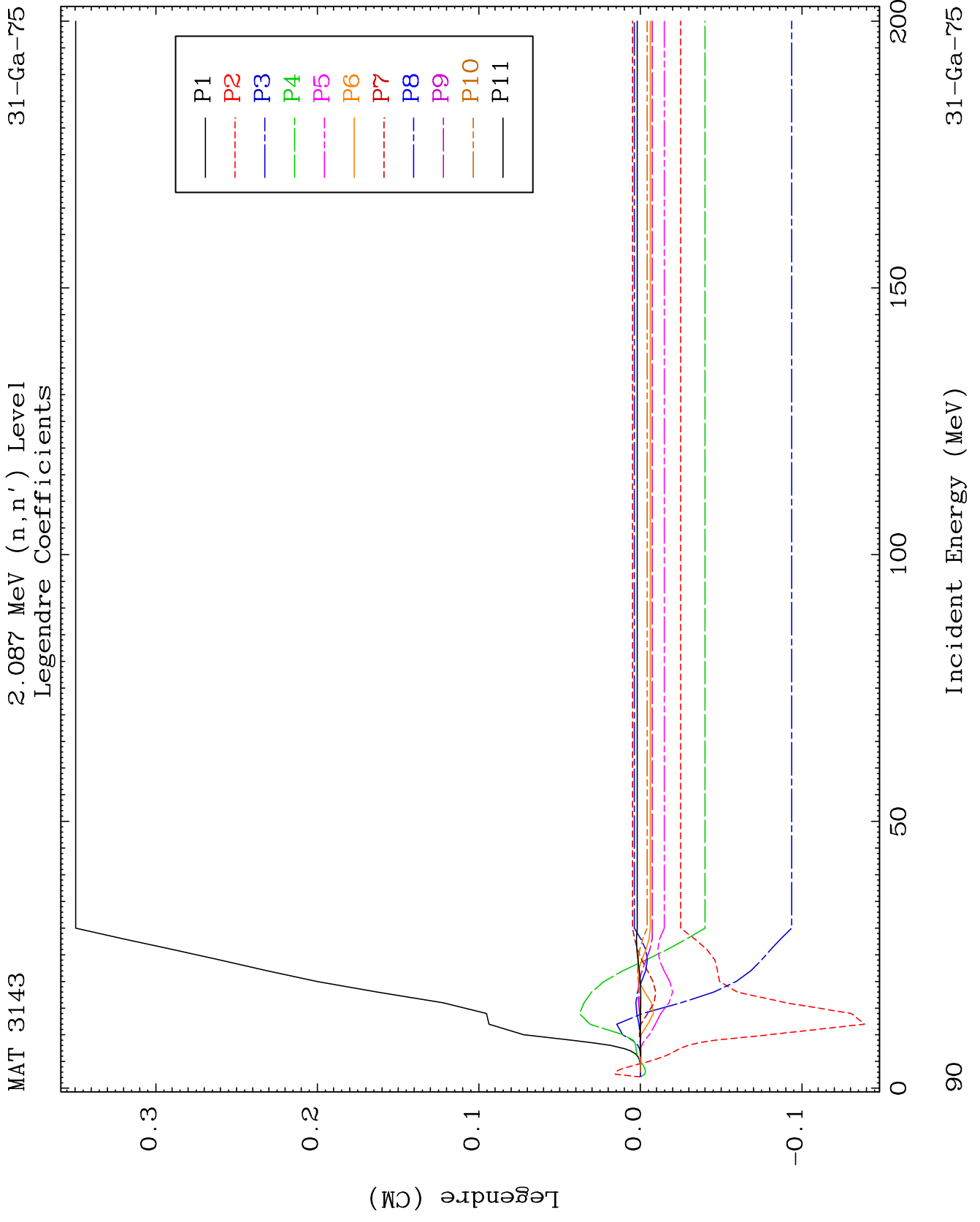








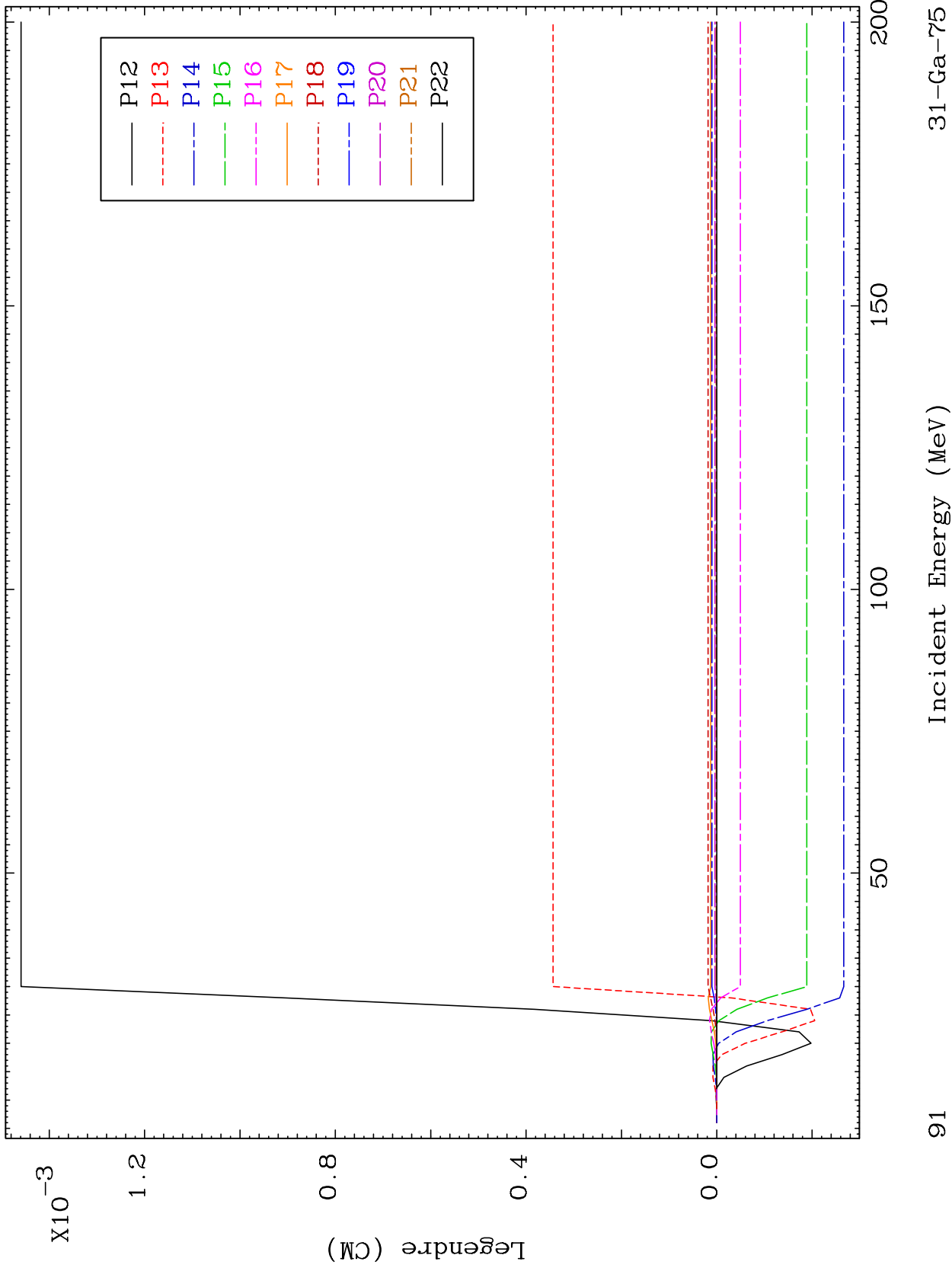




MAT 3143

2.087 MeV (n,n') Level  
Legendre Coefficients

31-Ga-75



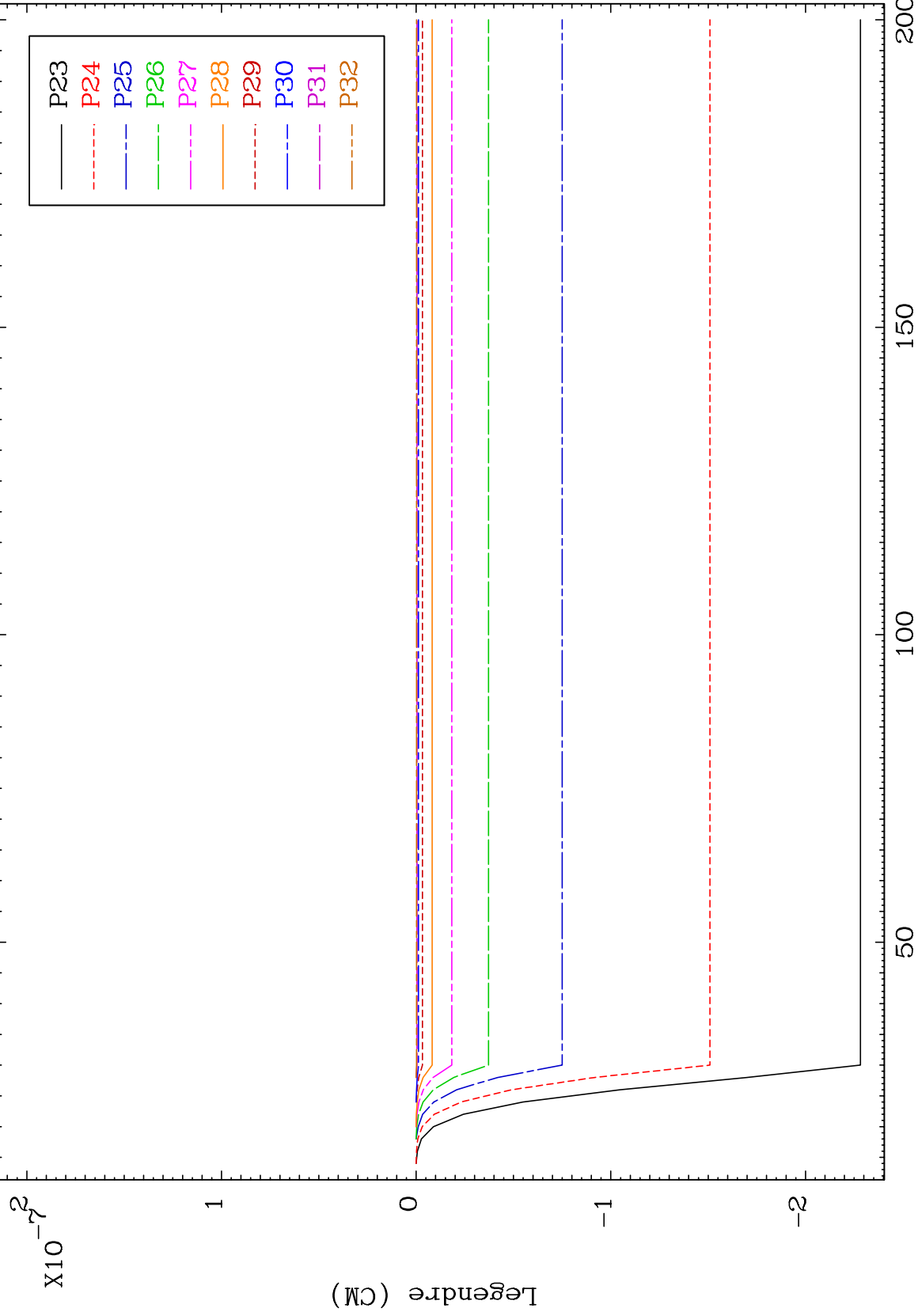
91

31-Ga-75

MAT 3143

2.087 MeV (n,n') Level  
Legendre Coefficients

31-Ga-75

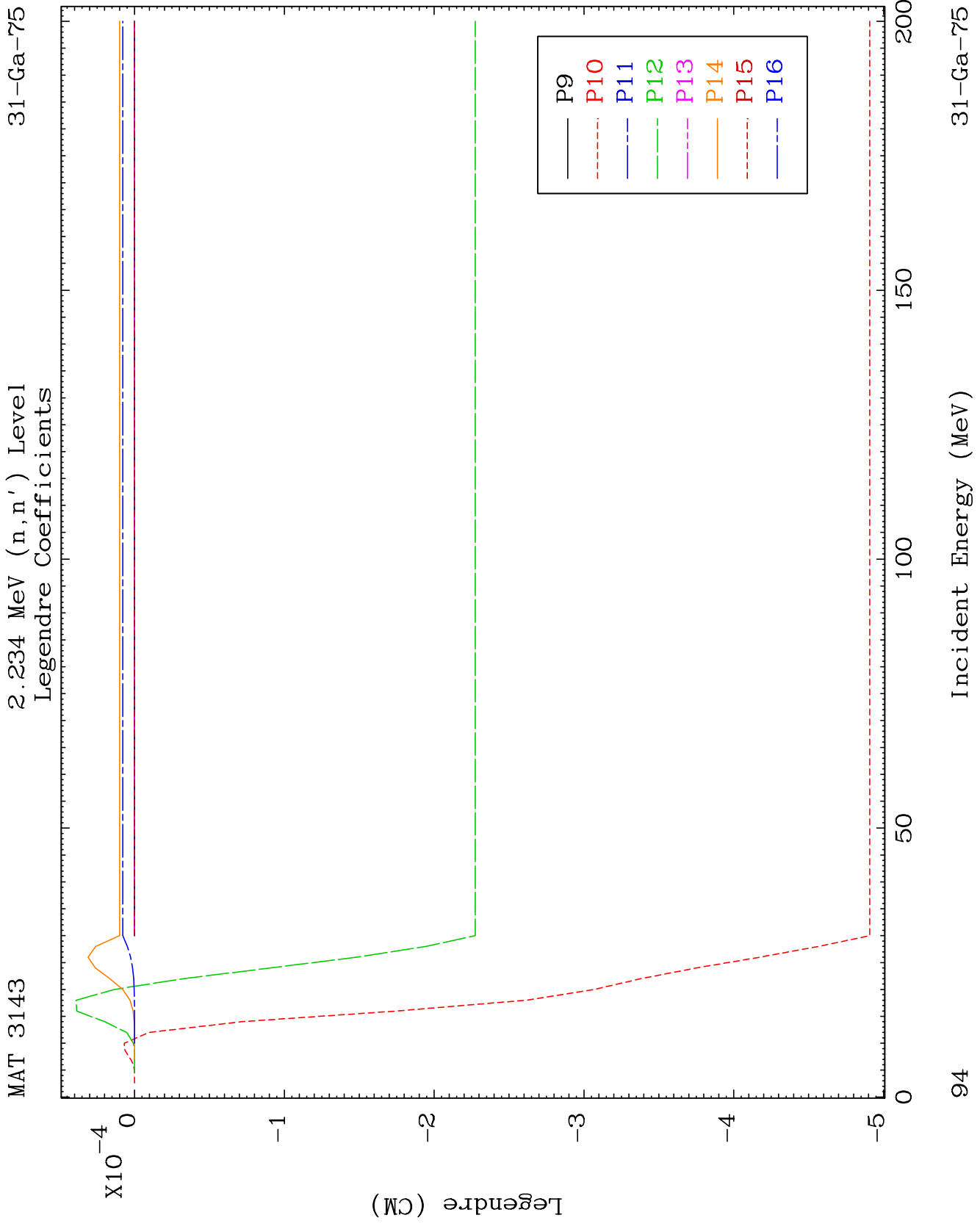


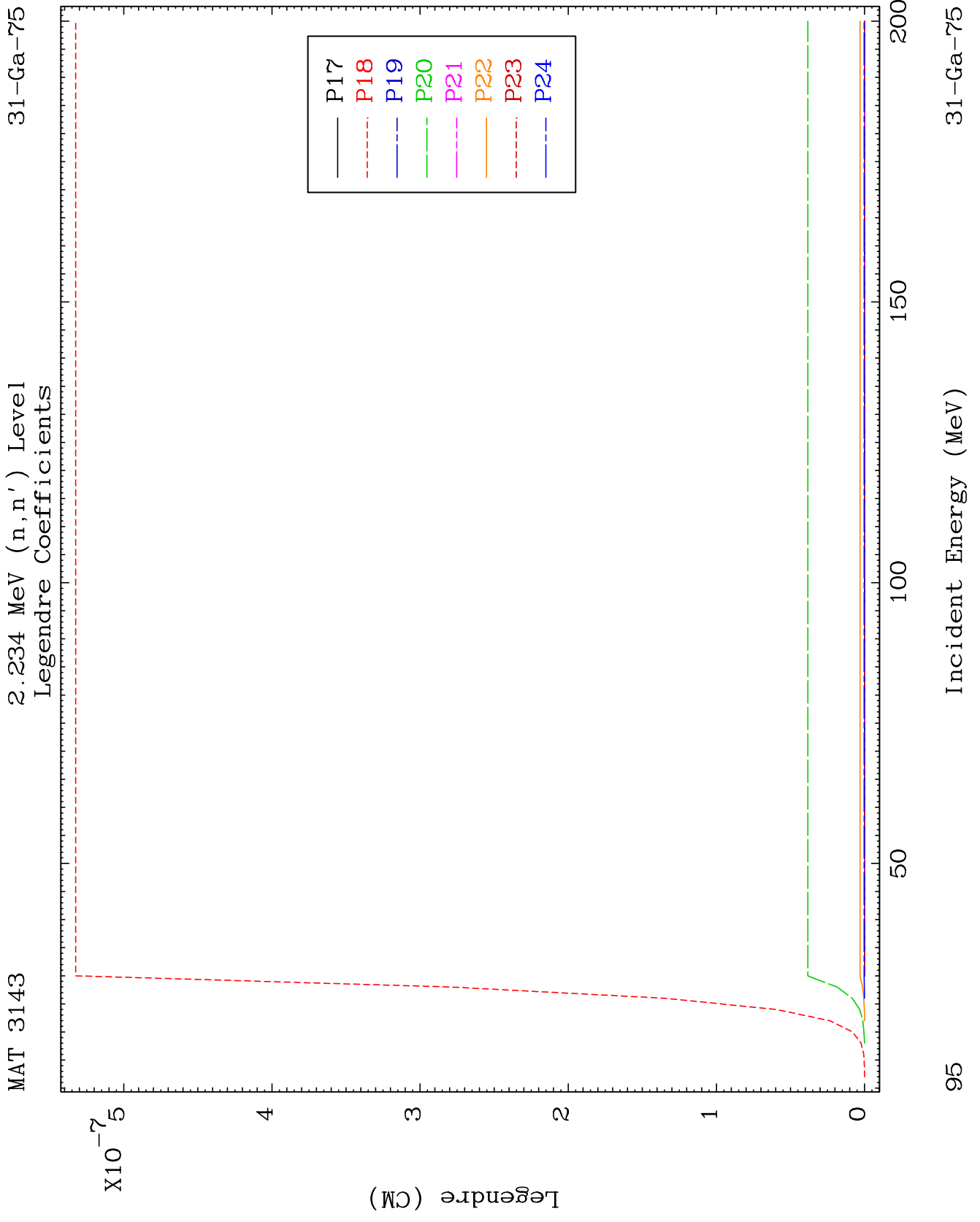
92

Incident Energy (MeV)

31-Ga-75





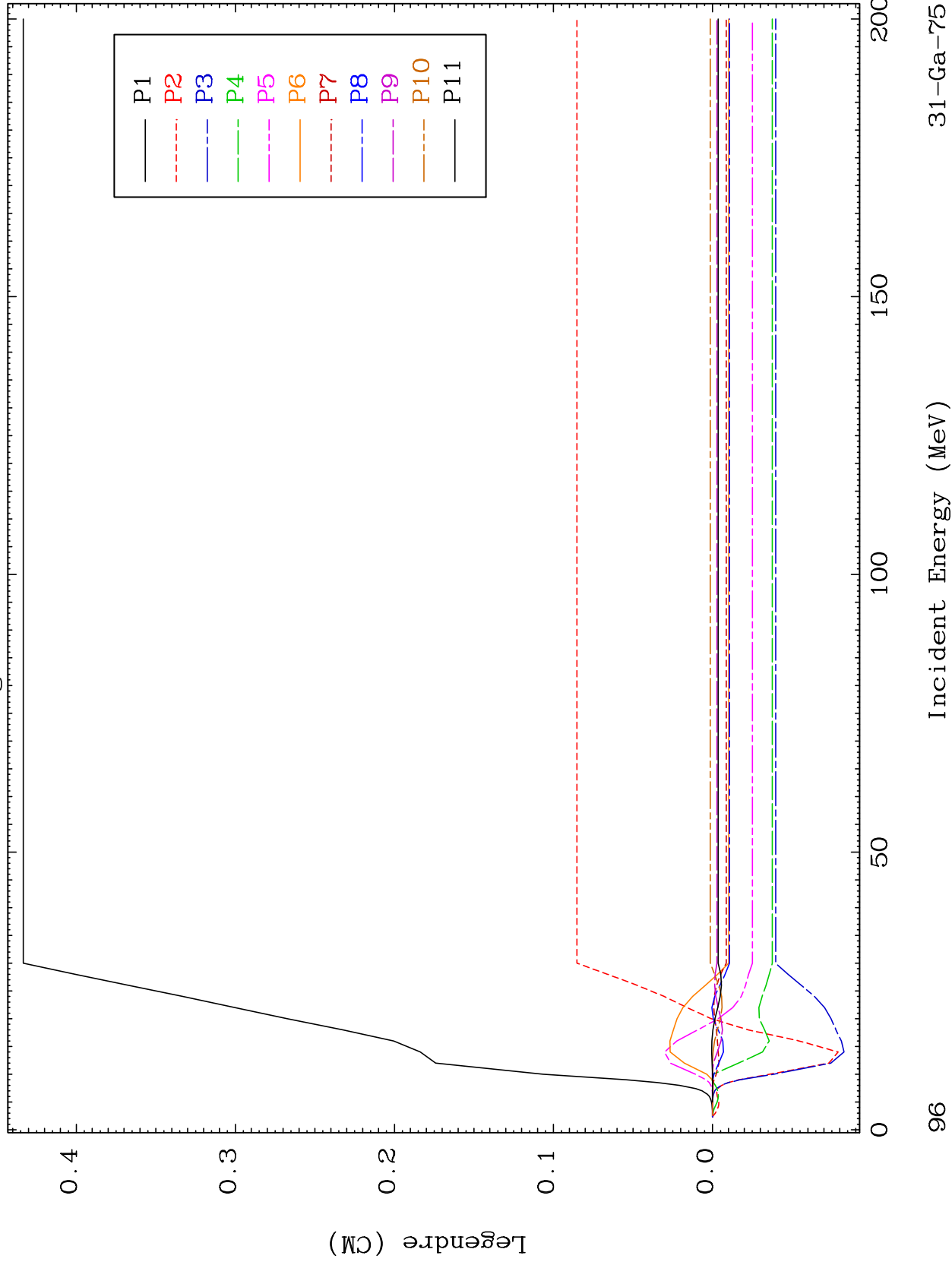




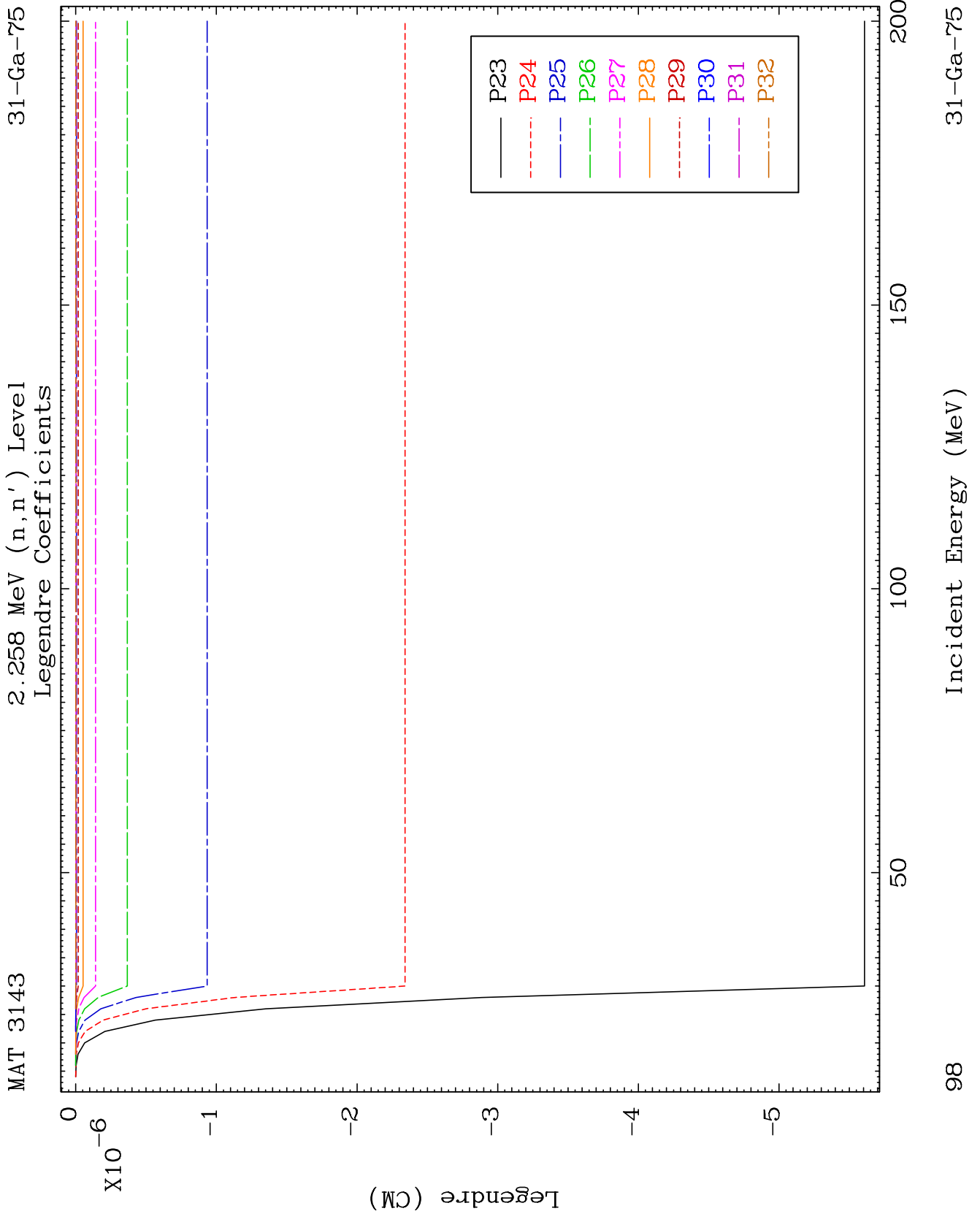
MAT 3143

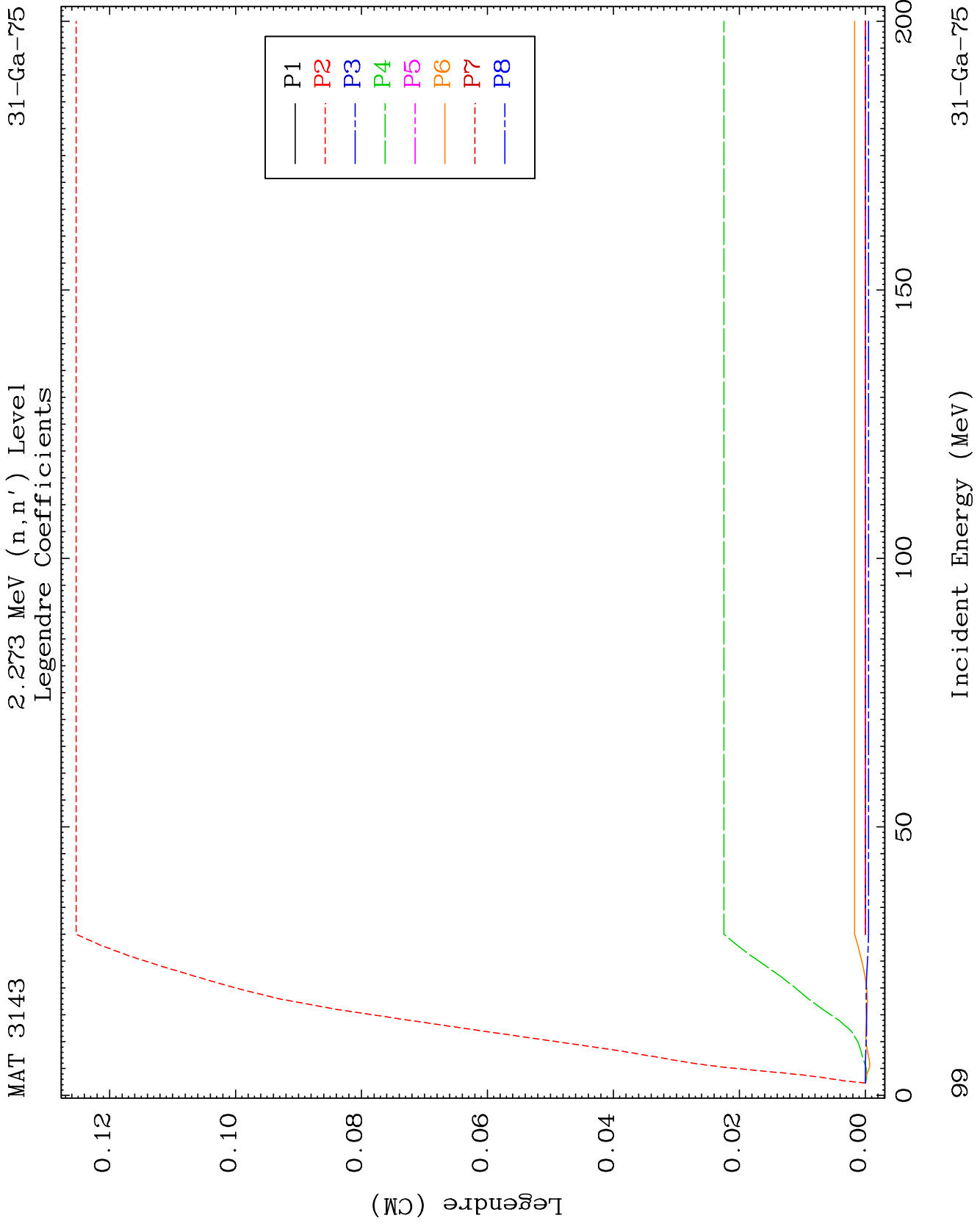
2.258 MeV (n,n') Level  
Legendre Coefficients

31-Ga-75





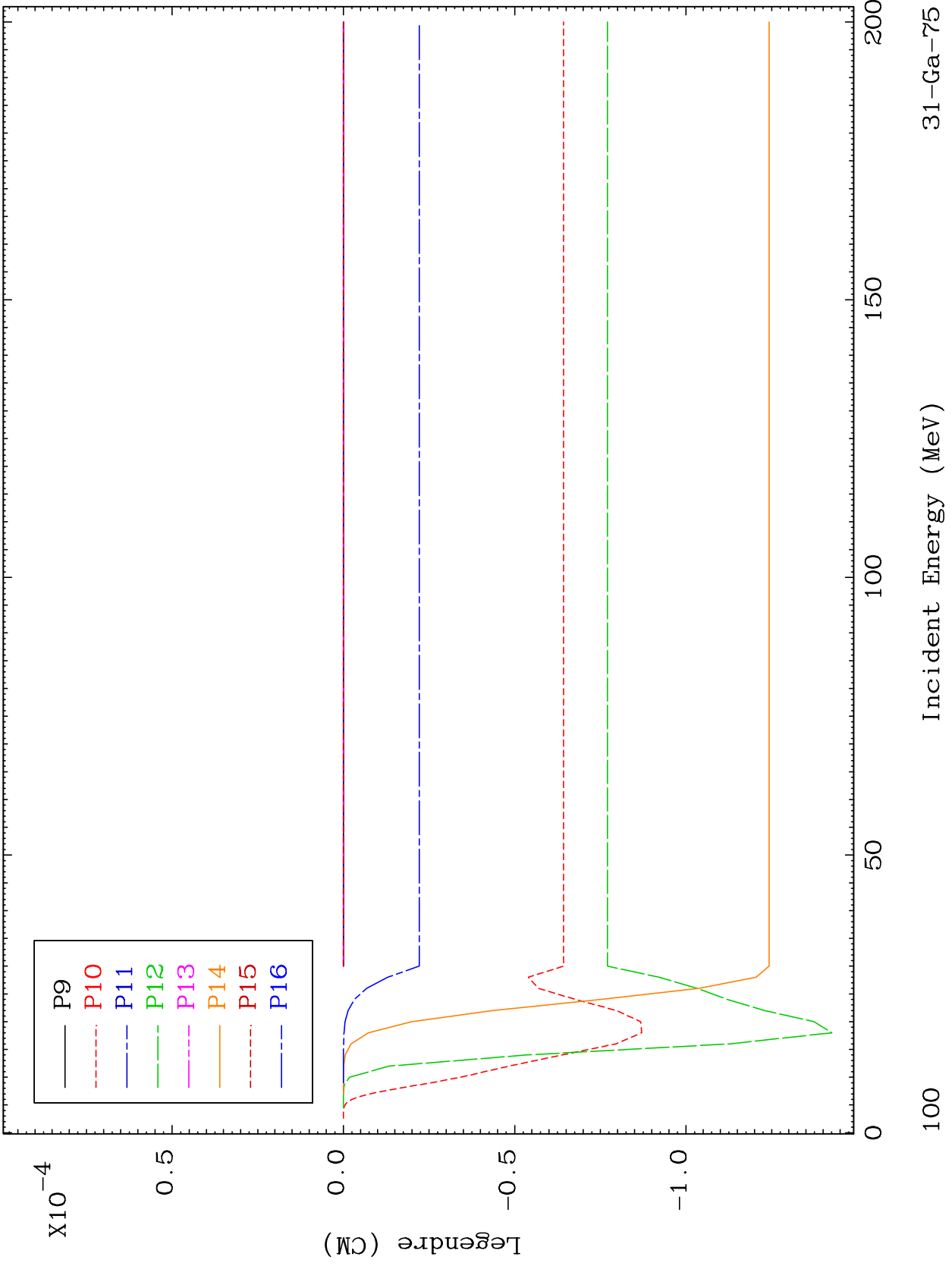
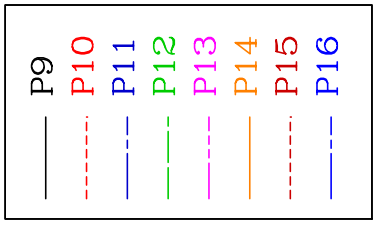


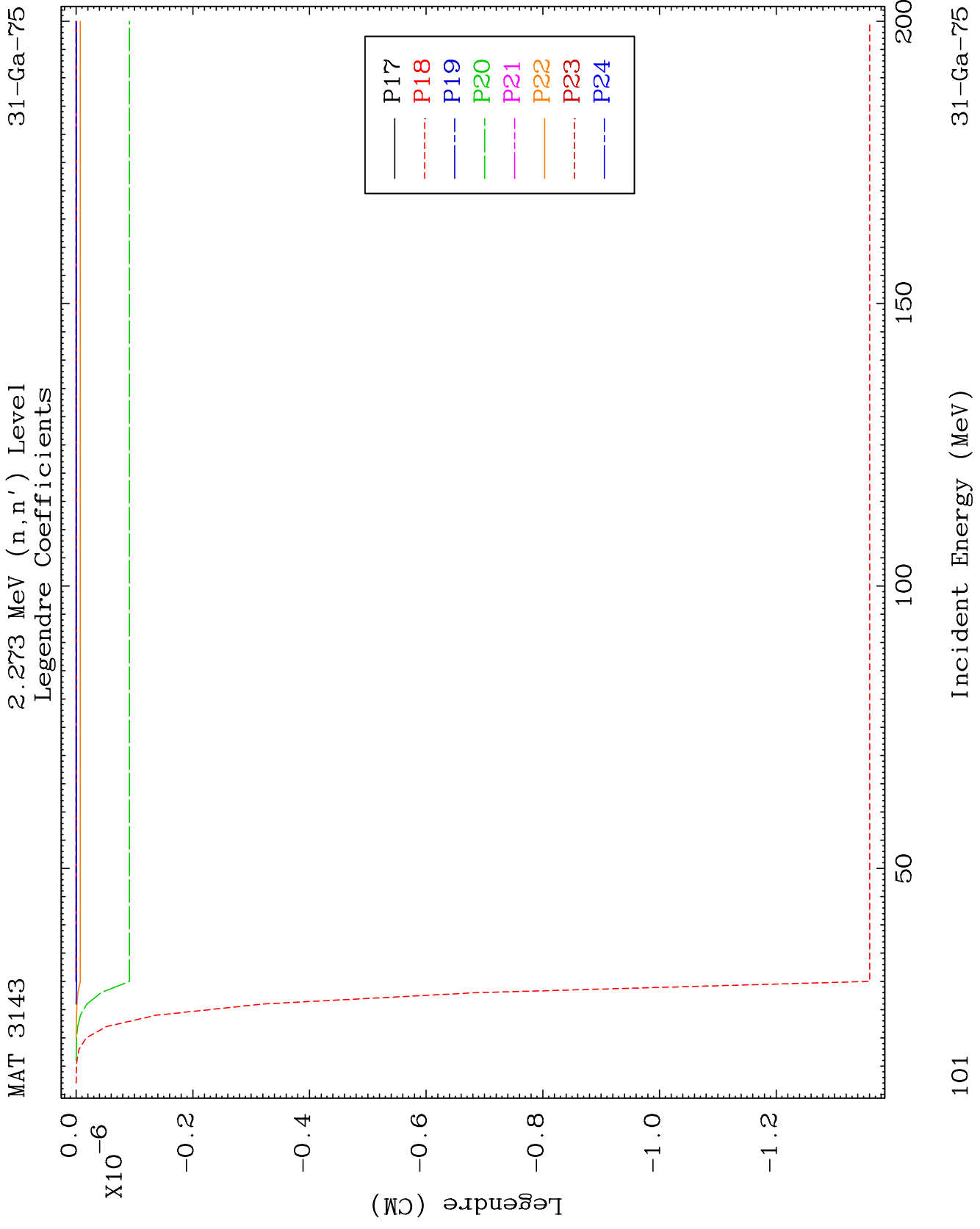


MAT 3143

2.273 MeV (n, n') Level  
Legendre Coefficients

31-Ga-75

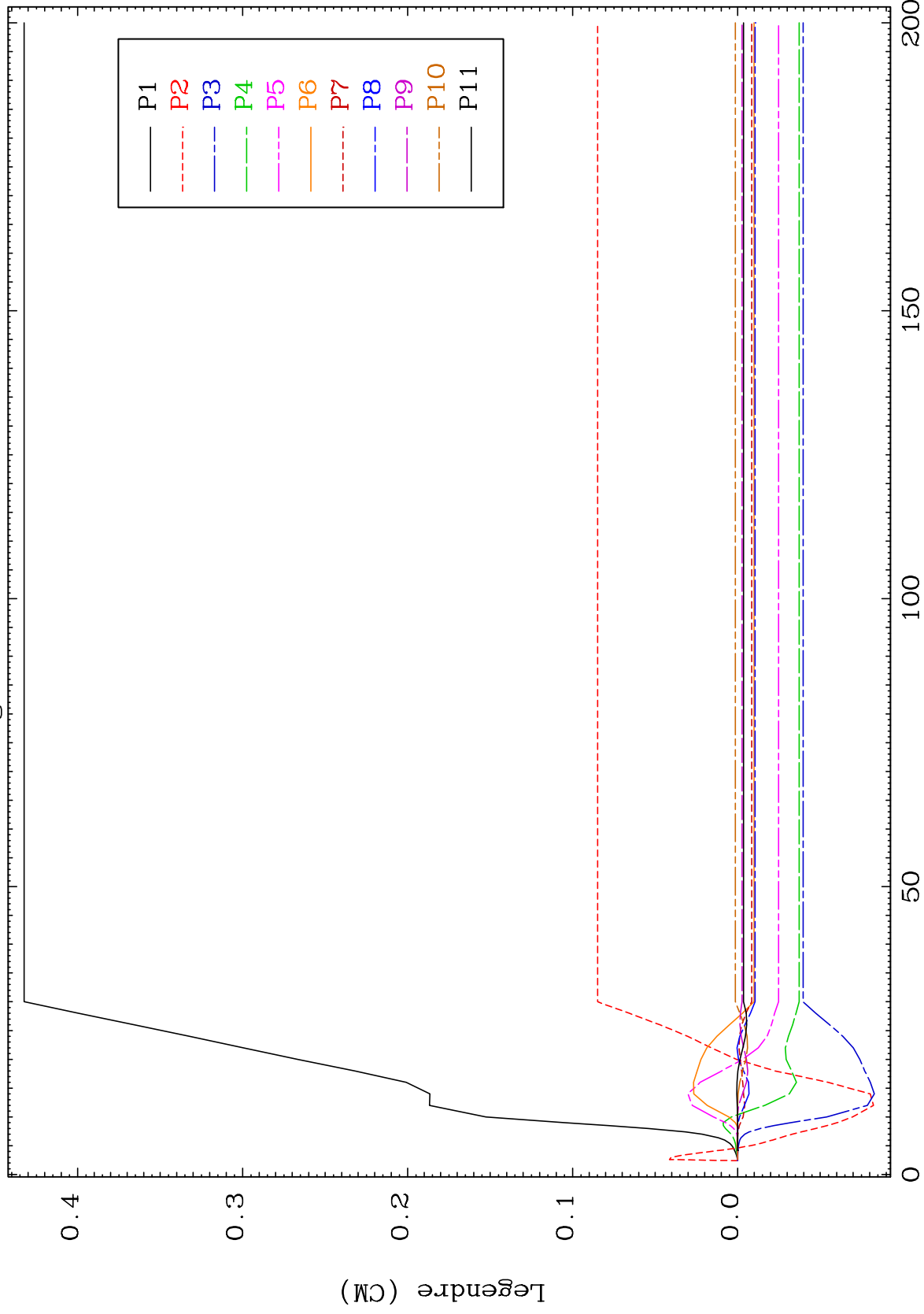




MAT 3143

2.365 MeV (n,n') Level  
Legendre Coefficients

31-Ga-75



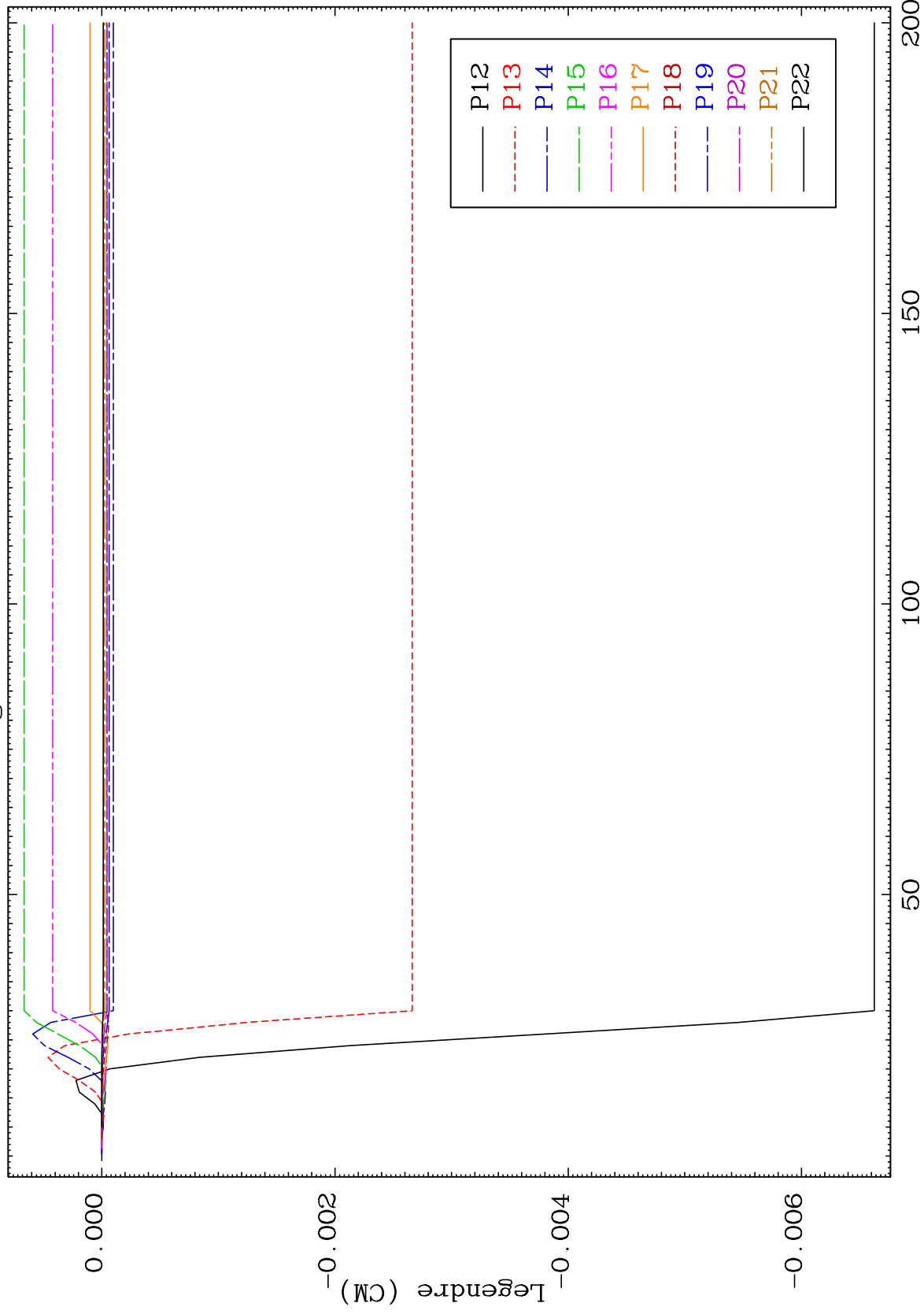
102

31-Ga-75

MAT 3143

2.365 MeV (n,n') Level  
Legendre Coefficients

31-Ga-75



103

Incident Energy (MeV)

31-Ga-75



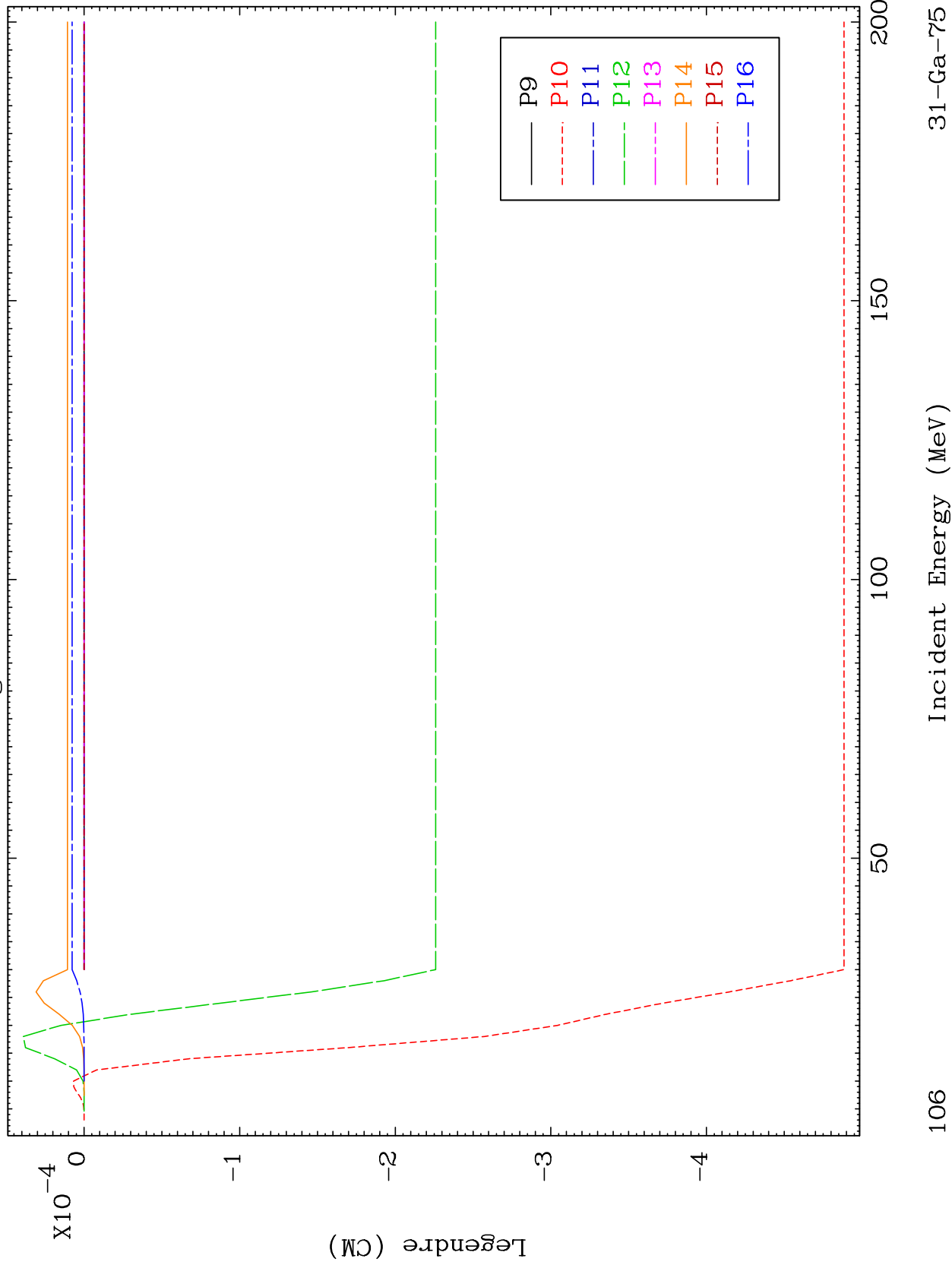




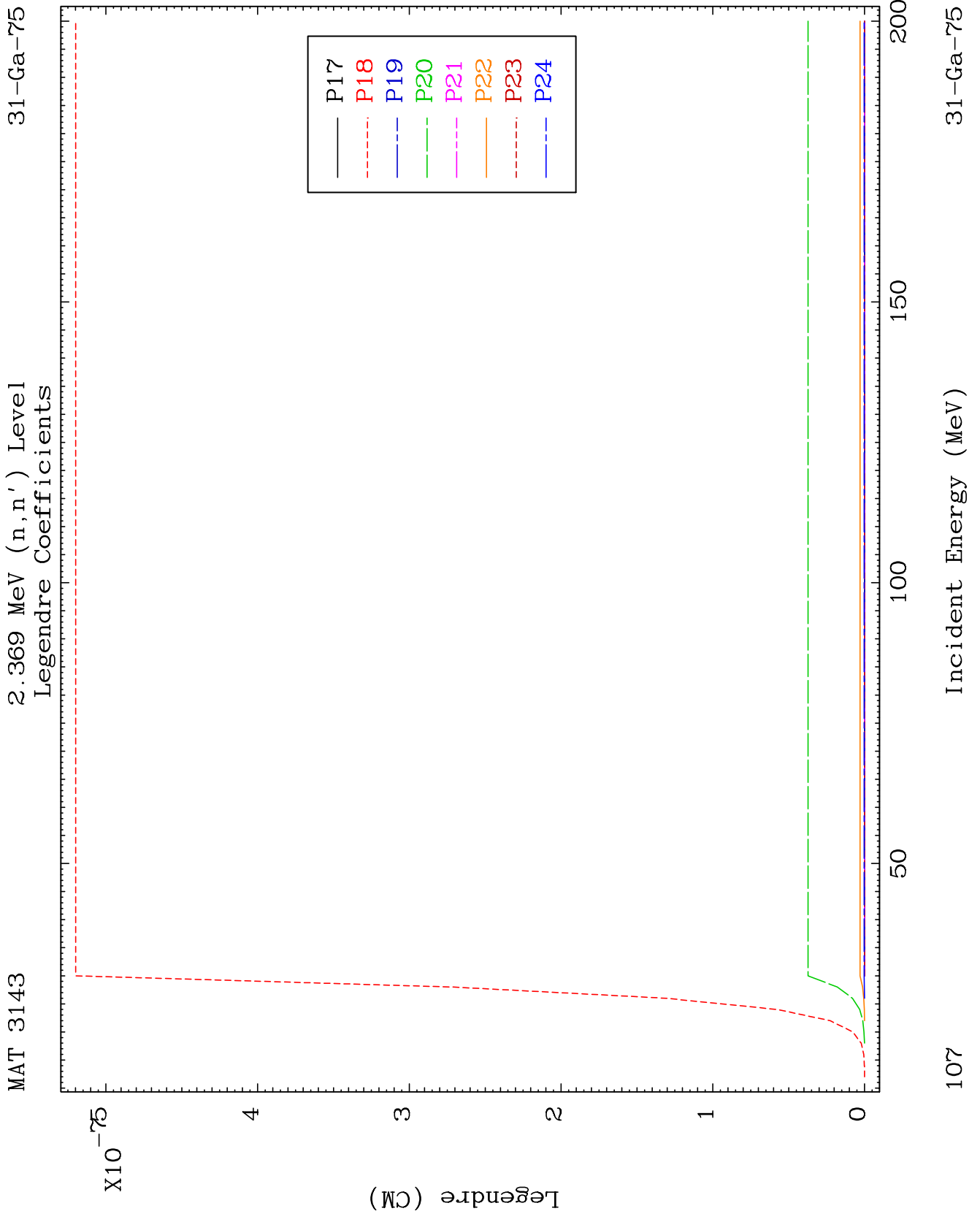
MAT 3143

2.369 MeV (n,n') Level  
Legendre Coefficients

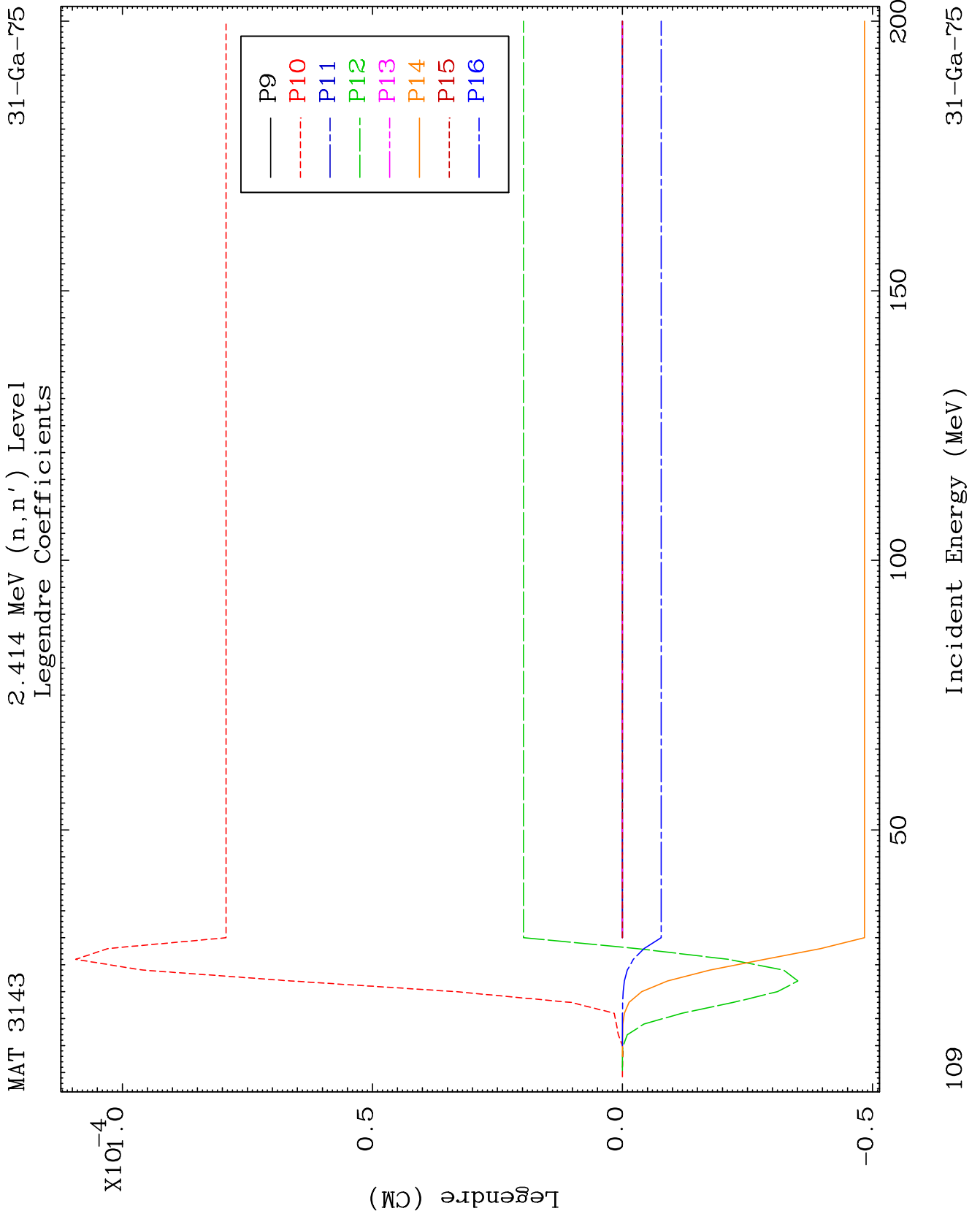
31-Ga-75

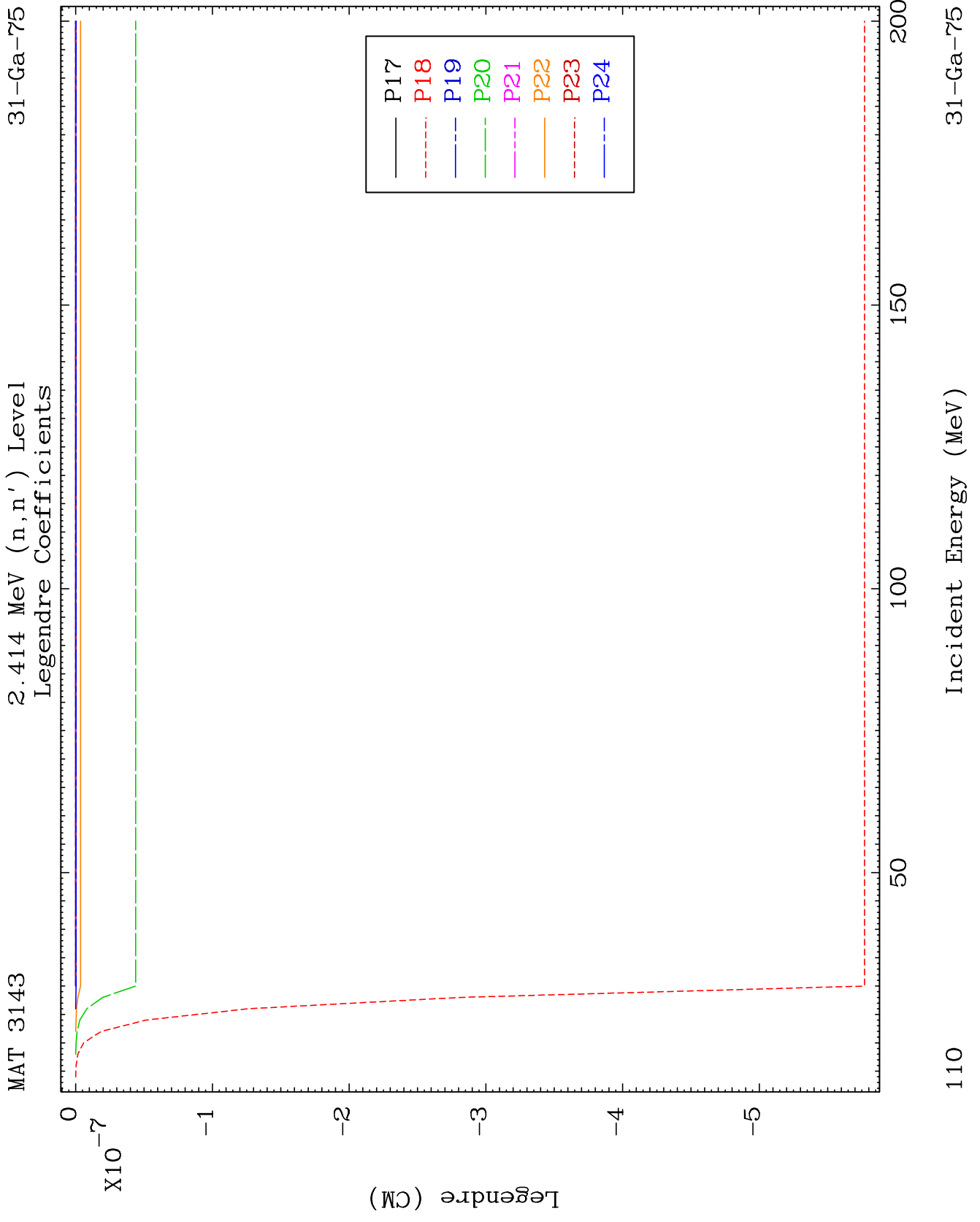


106



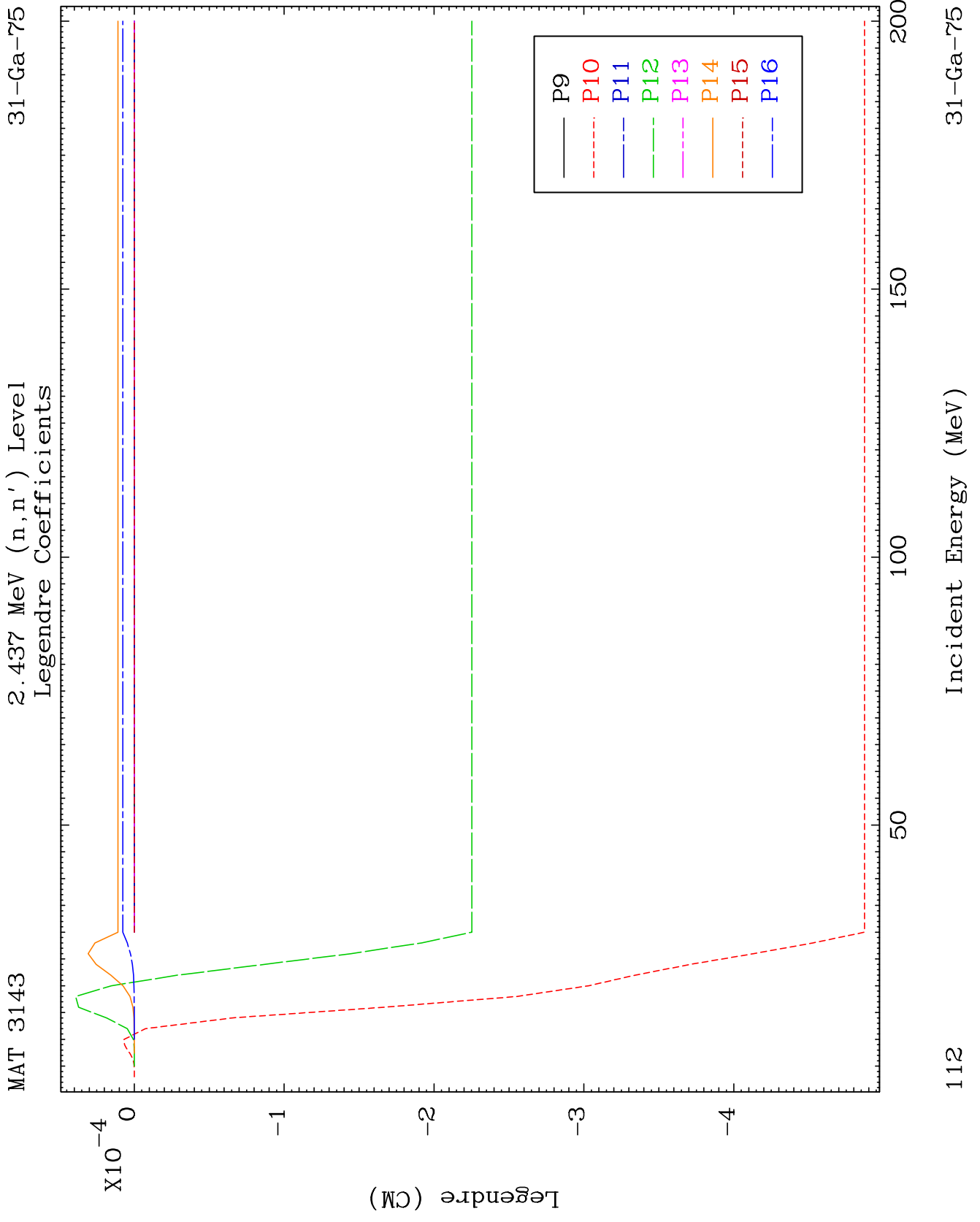






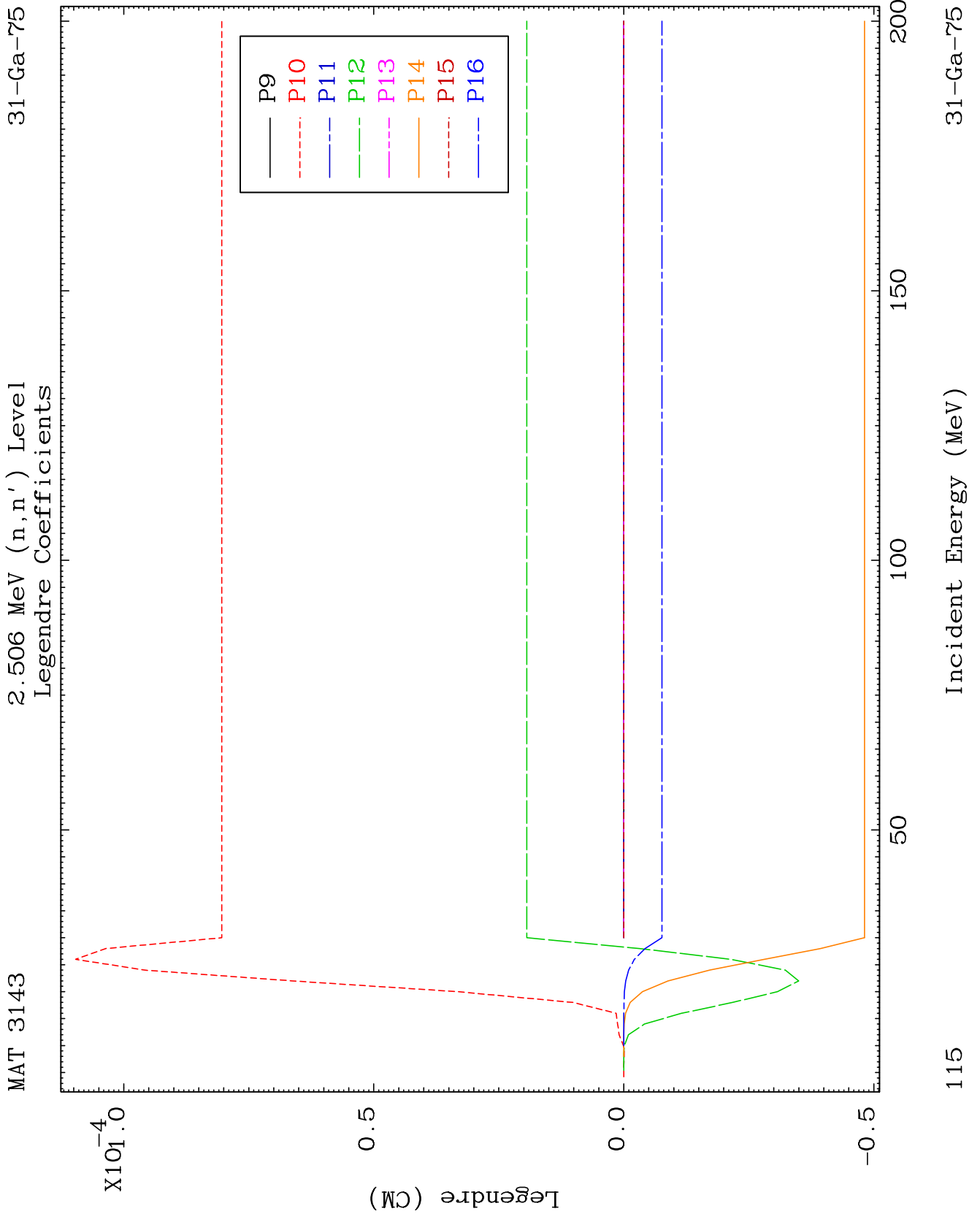




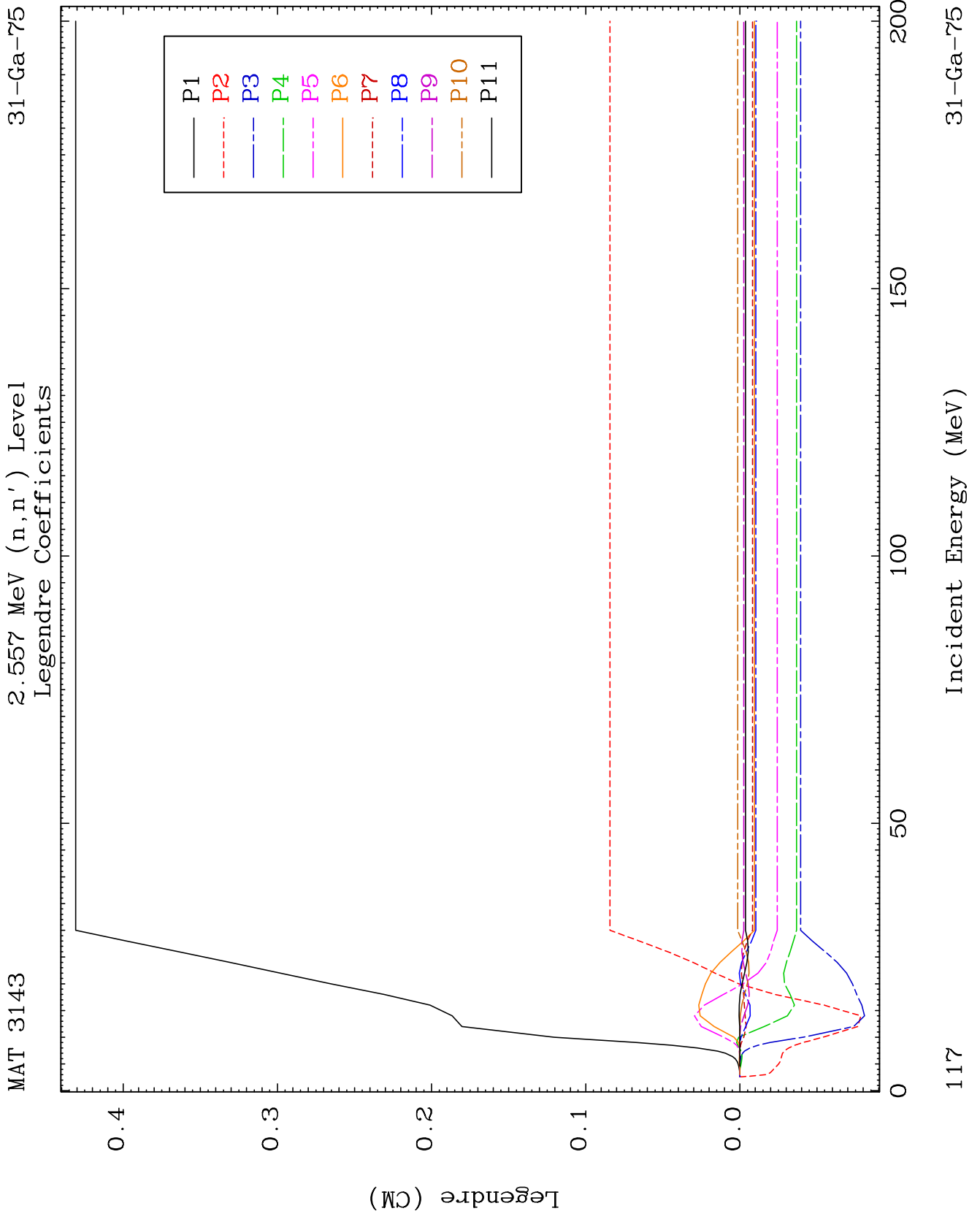








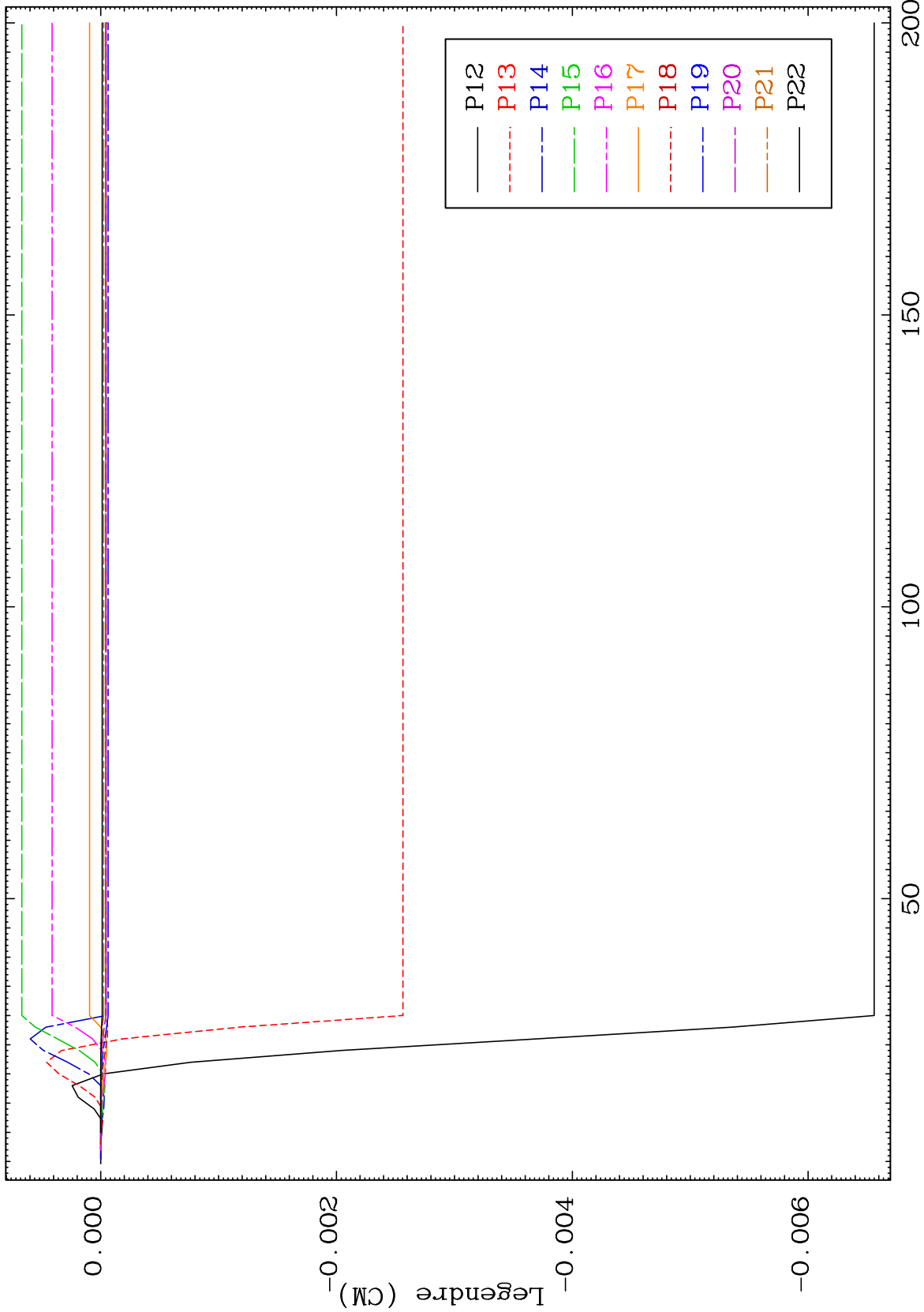




MAT 3143

2.557 MeV (n,n') Level  
Legendre Coefficients

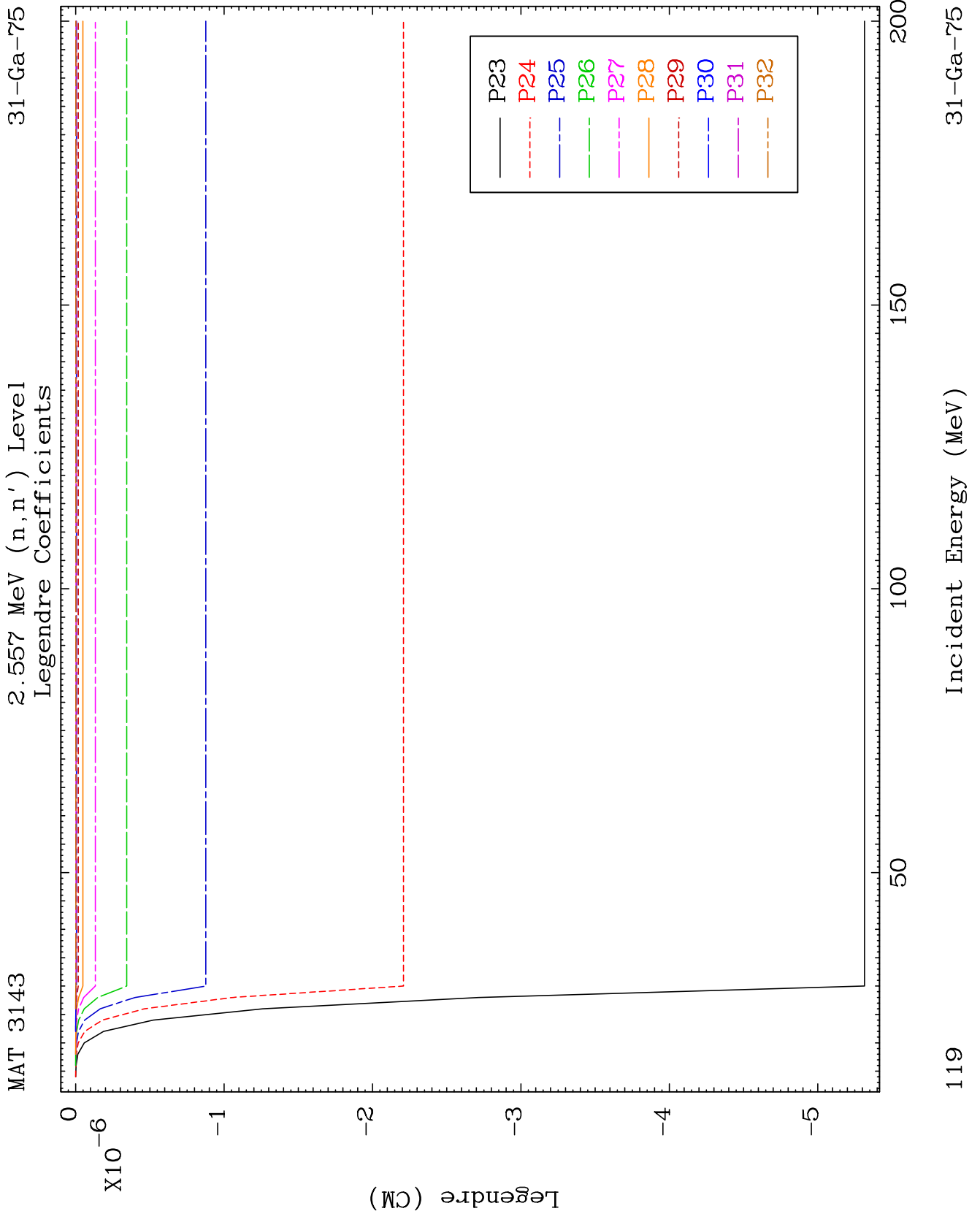
31-Ga-75



118

Incident Energy (MeV)

31-Ga-75



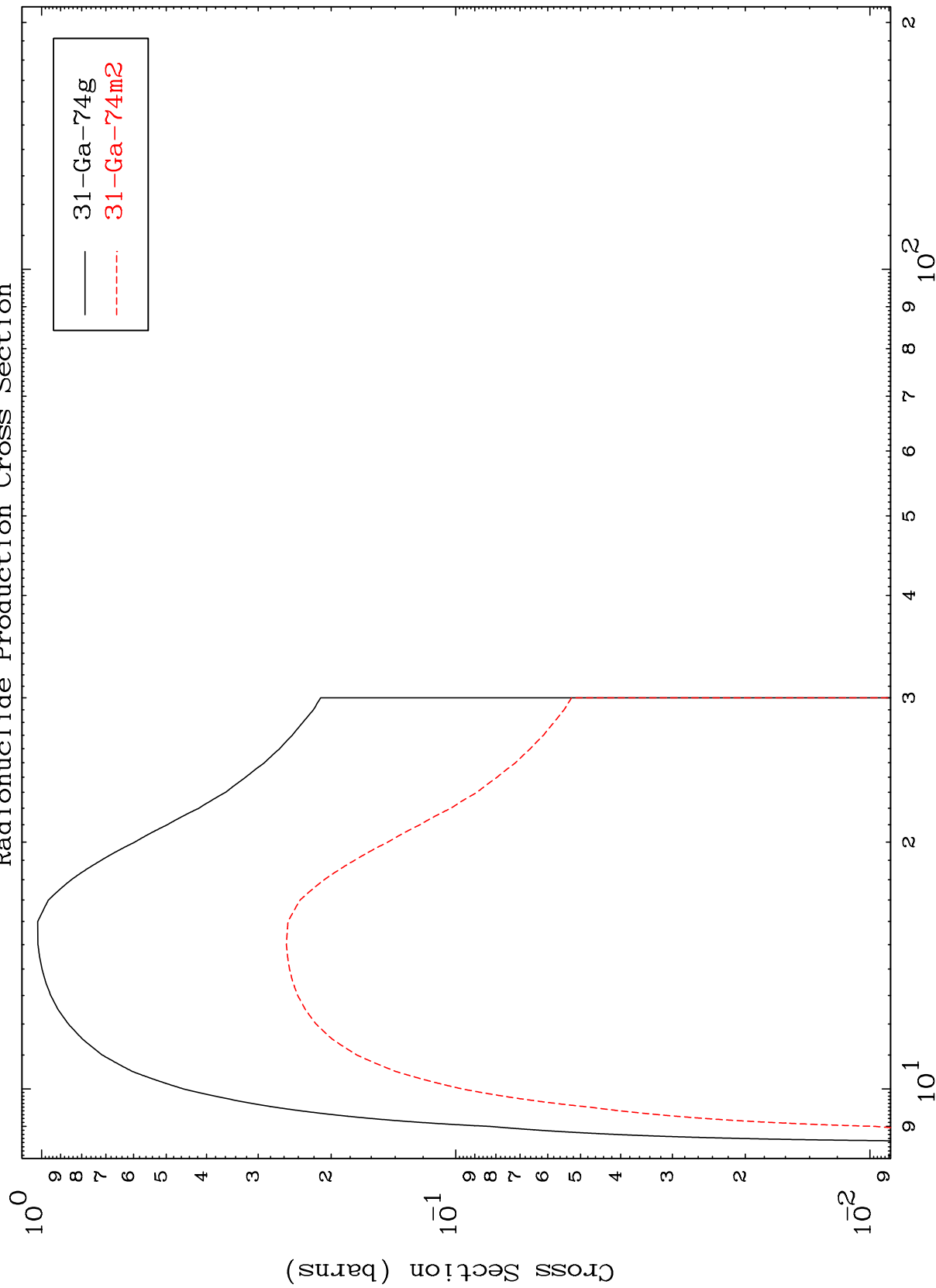


MAT 3143

<sup>31</sup>Ga-75

(n,2n)

Radionuclide Production Cross Section



120

Incident Energy (MeV)

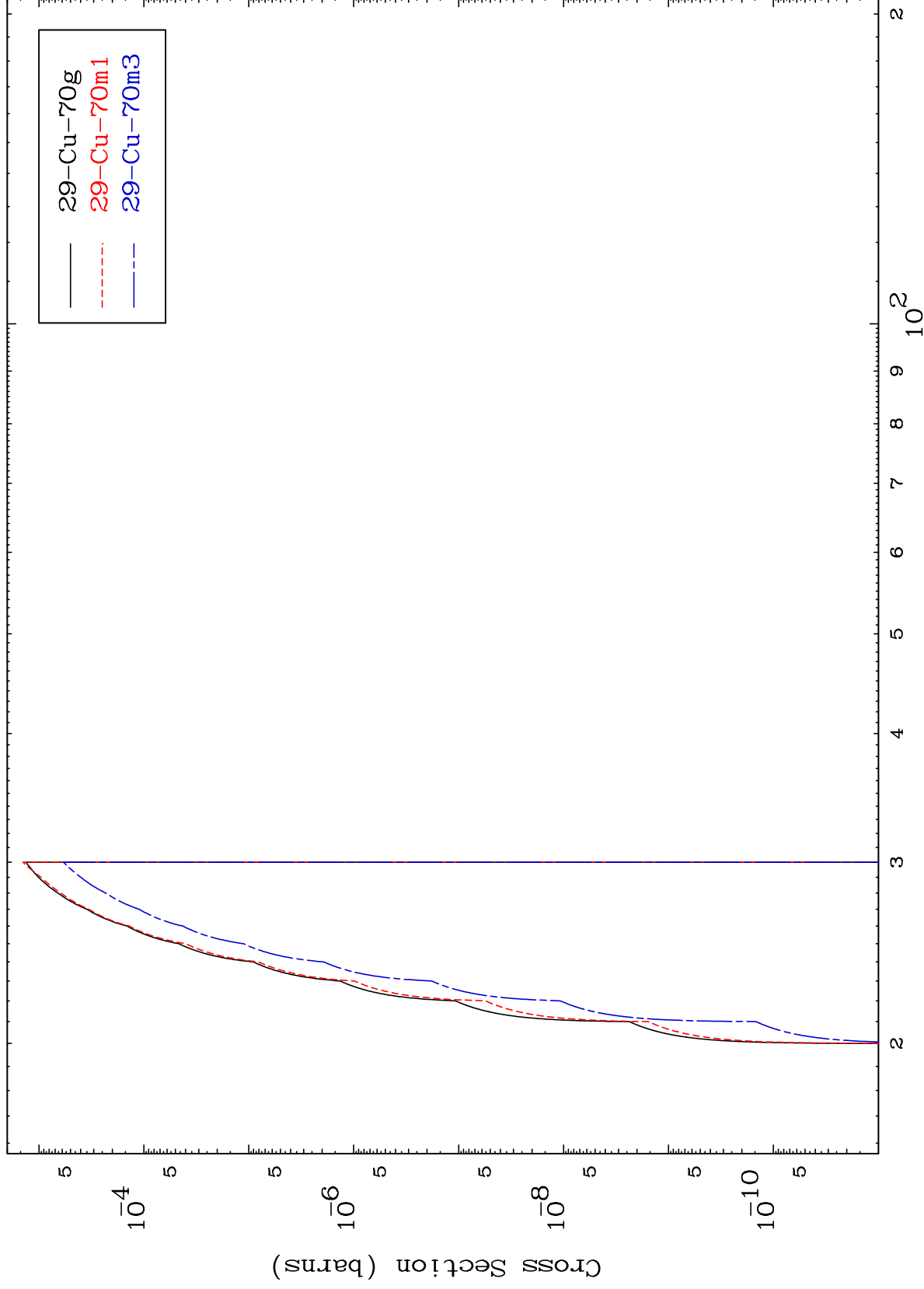
<sup>31</sup>Ga-75

MAT 3143

$(n,2n) \alpha$

31-Ga-75

Radionuclide Production Cross Section



121

Incident Energy (MeV)

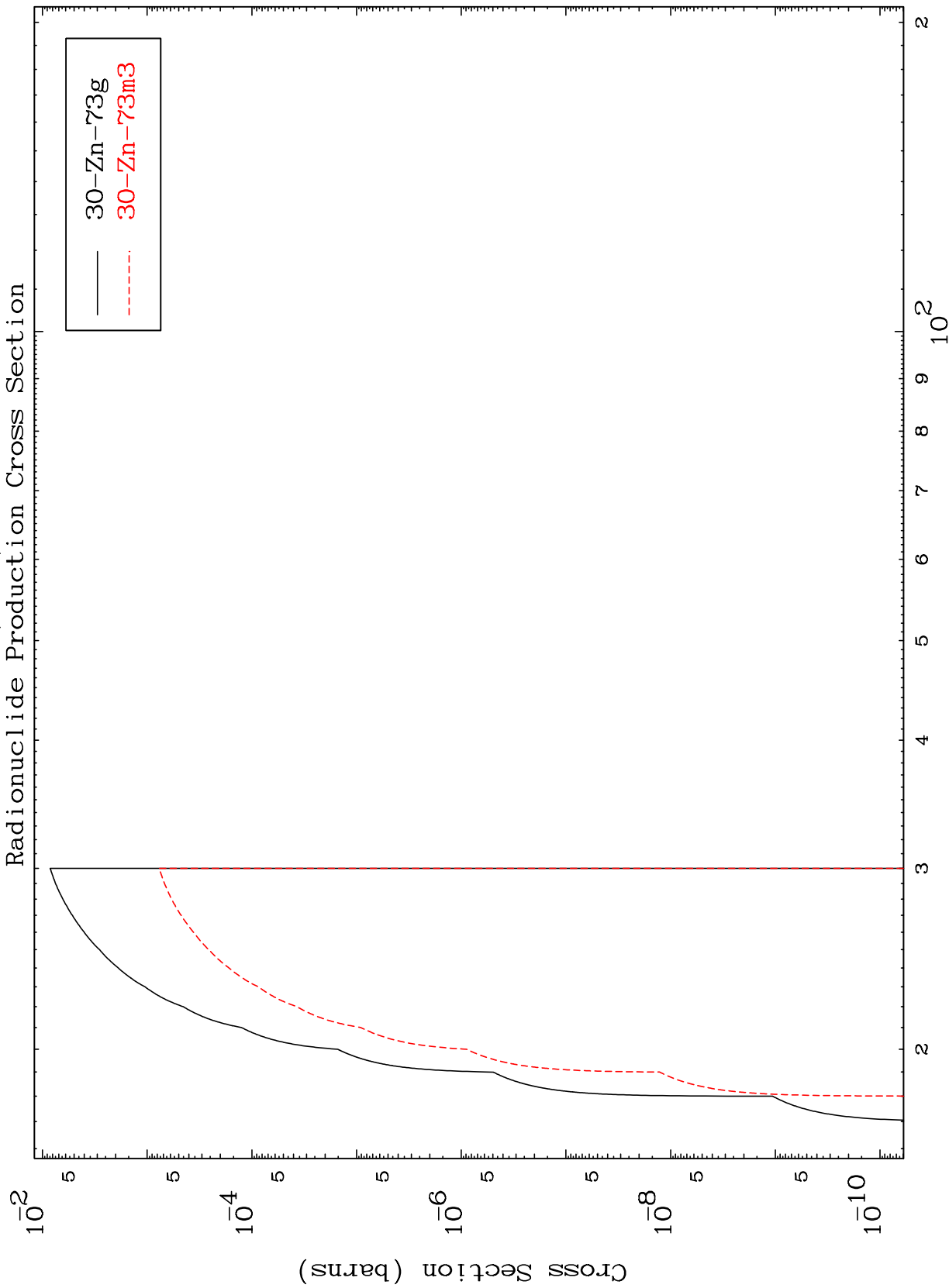
31-Ga-75

MAT 3143

(n,n') d

31-Ga-75

Radionuclide Production Cross Section



30-Zn-73g  
30-Zn-73m3

122

Incident Energy (MeV)

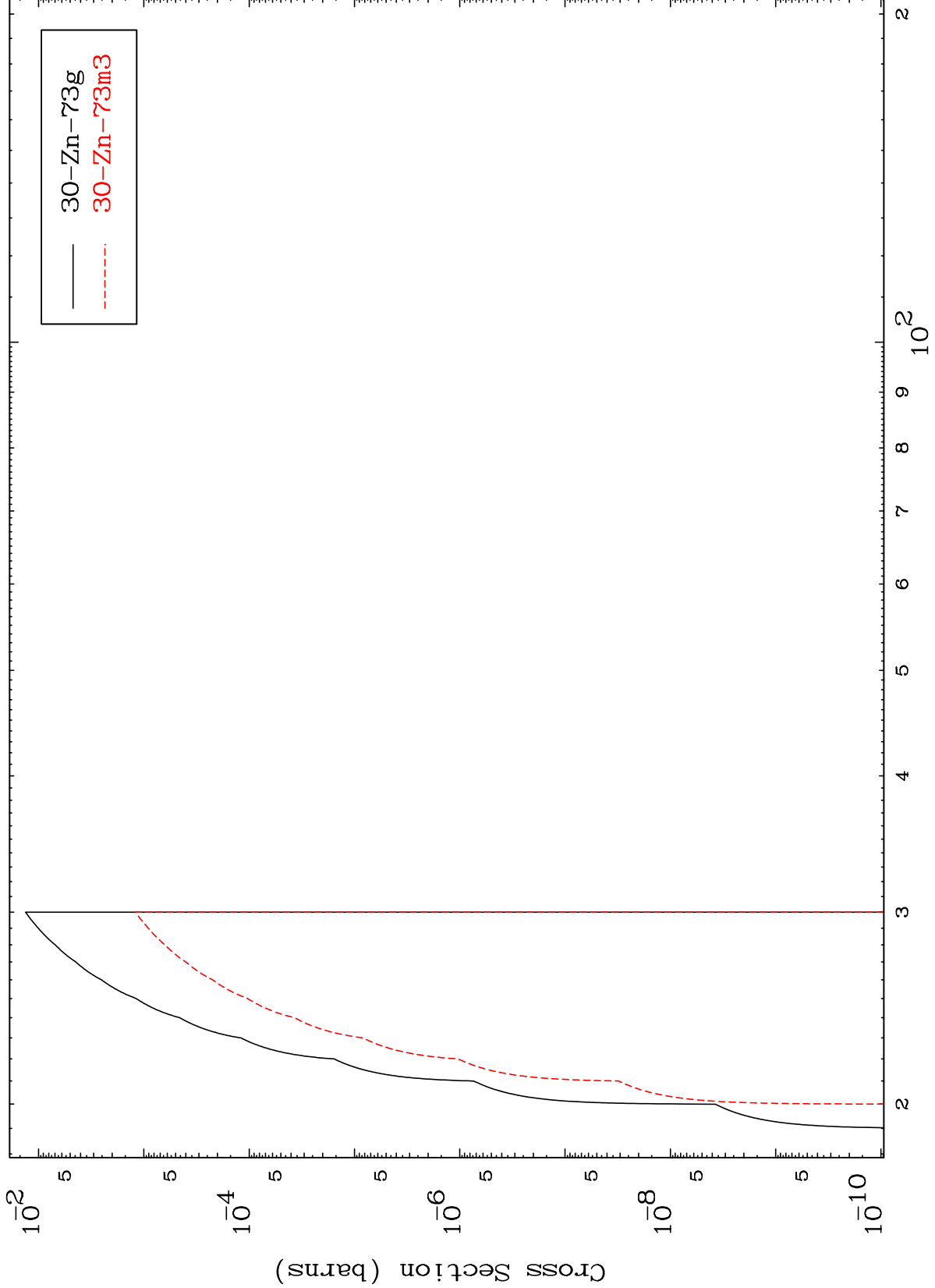
31-Ga-75

MAT 3143

(n,2n) p

31-Ga-75

Radionuclide Production Cross Section



30-Zn-73g  
30-Zn-73m3

123

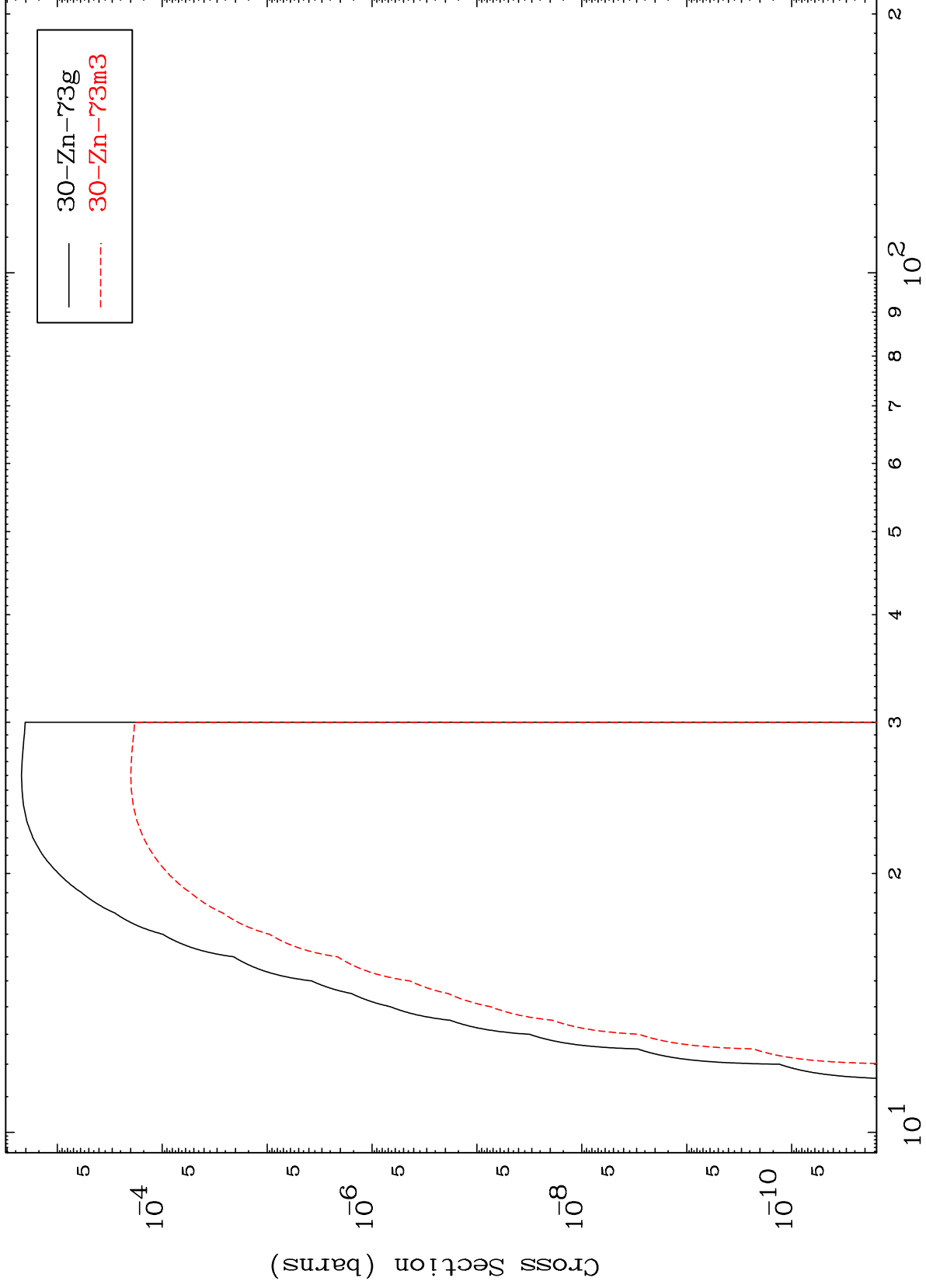
Incident Energy (MeV)

31-Ga-75

MAT 3143

31-Ga-75

(n,t)  
Radionuclide Production Cross Section



31-Ga-75

Incident Energy (MeV)

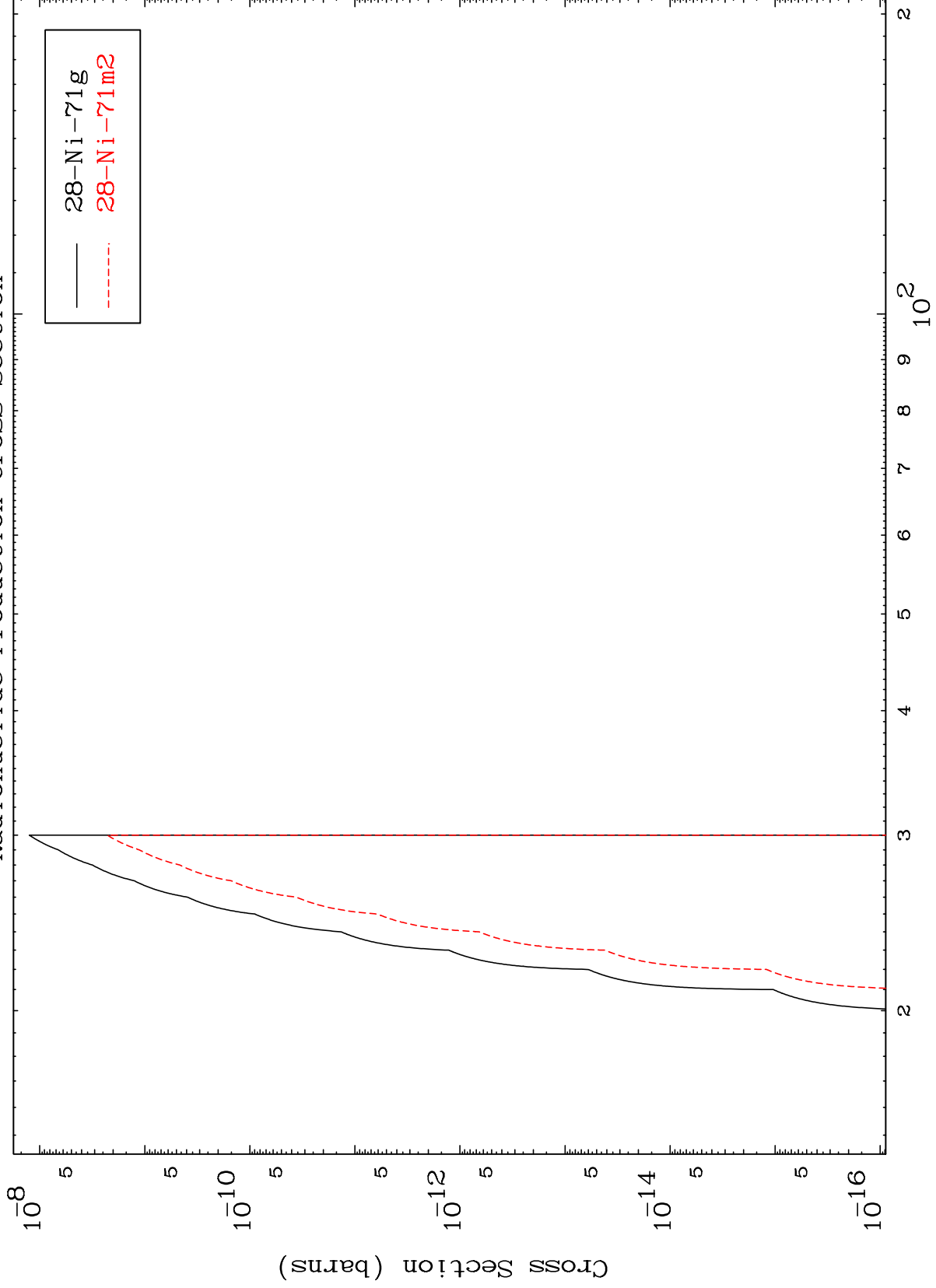
124

MAT 3143

(n,p)  $\alpha$

31-Ga-75

Radionuclide Production Cross Section



125

Incident Energy (MeV)

31-Ga-75