

Program EVALPLOT  
(Version 2015-2)

by

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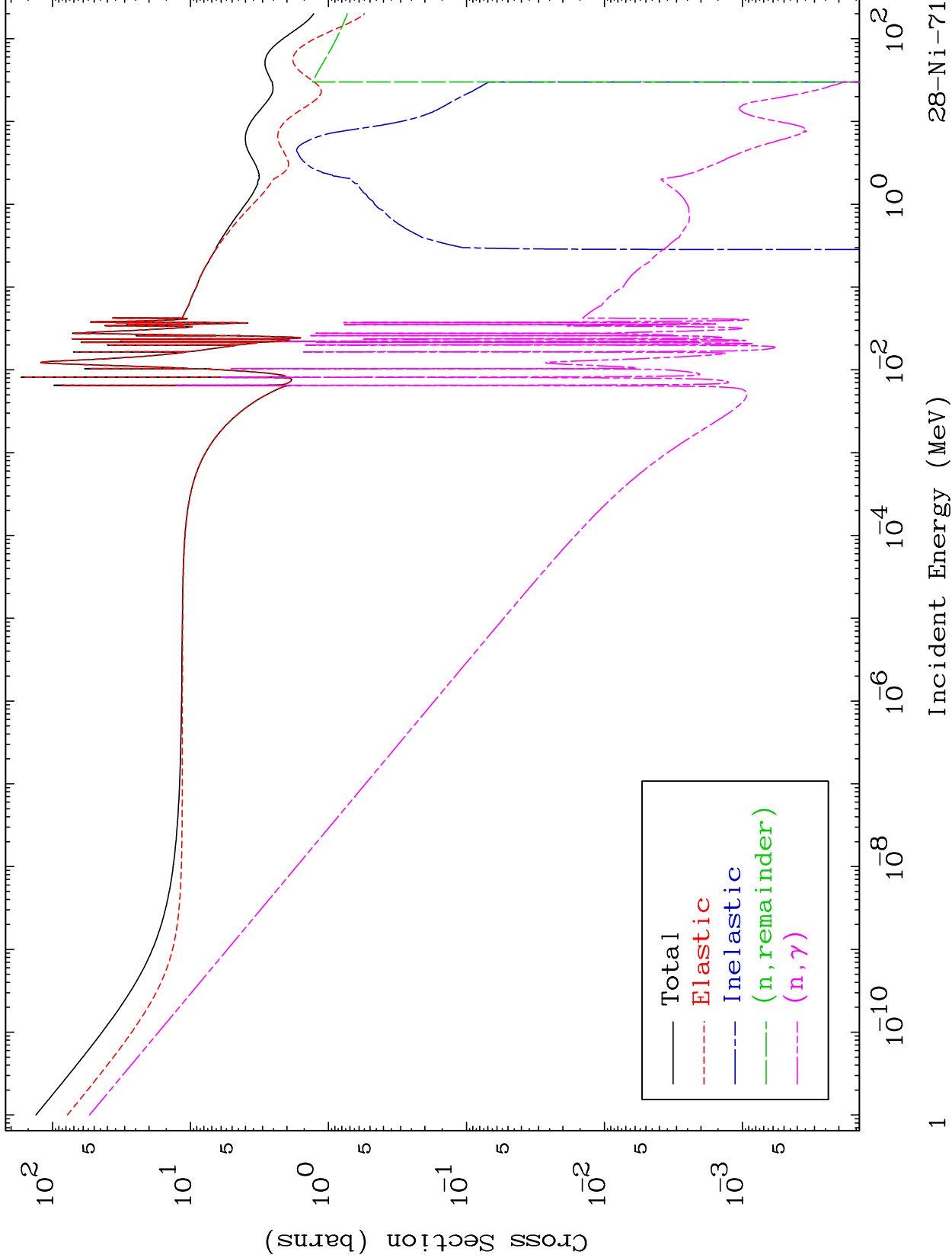
Press Mouse Button to Start

MAT 2864

Major

293 Kelvin Cross Sections

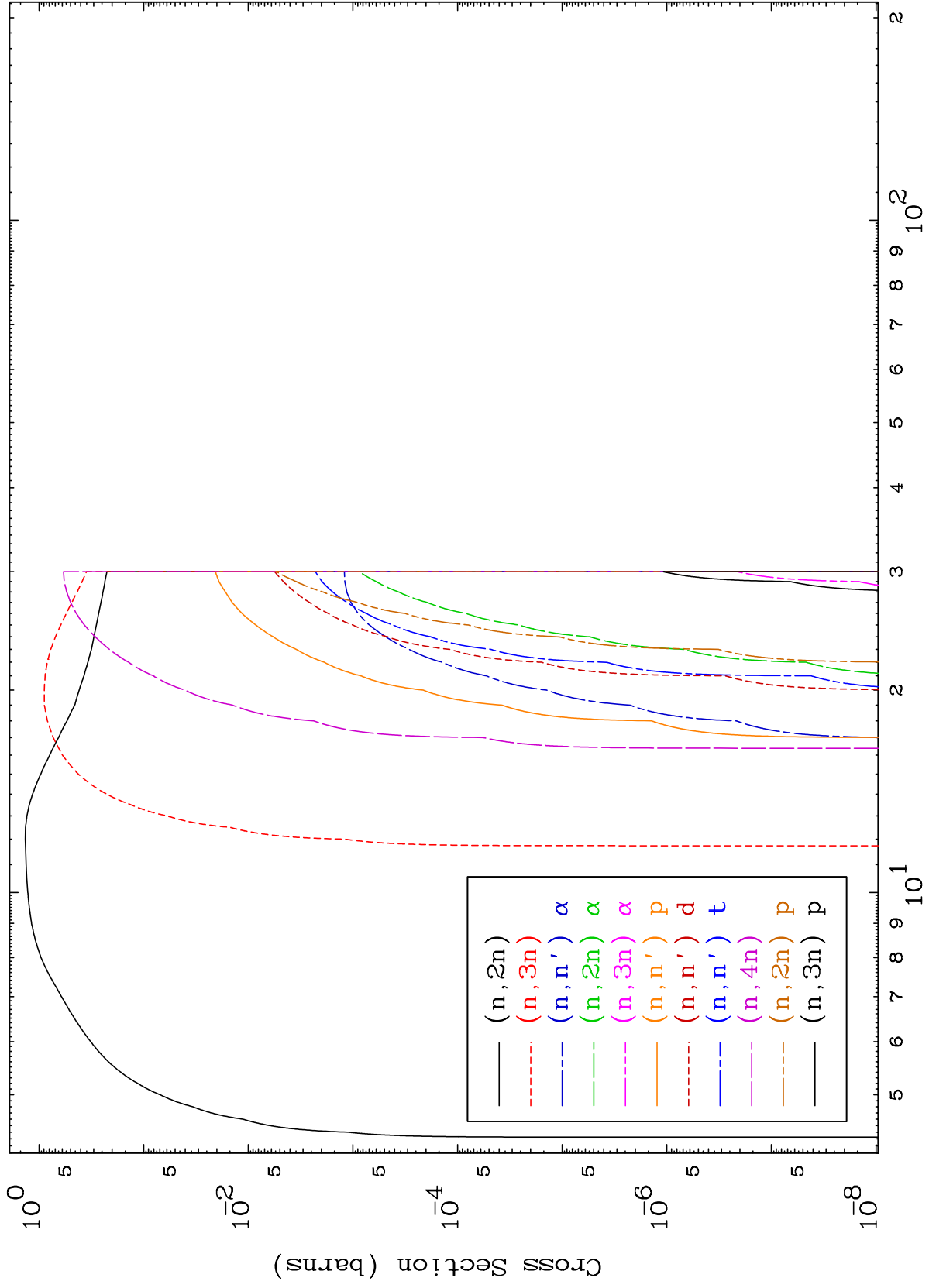
28-Ni-71



MAT 2864

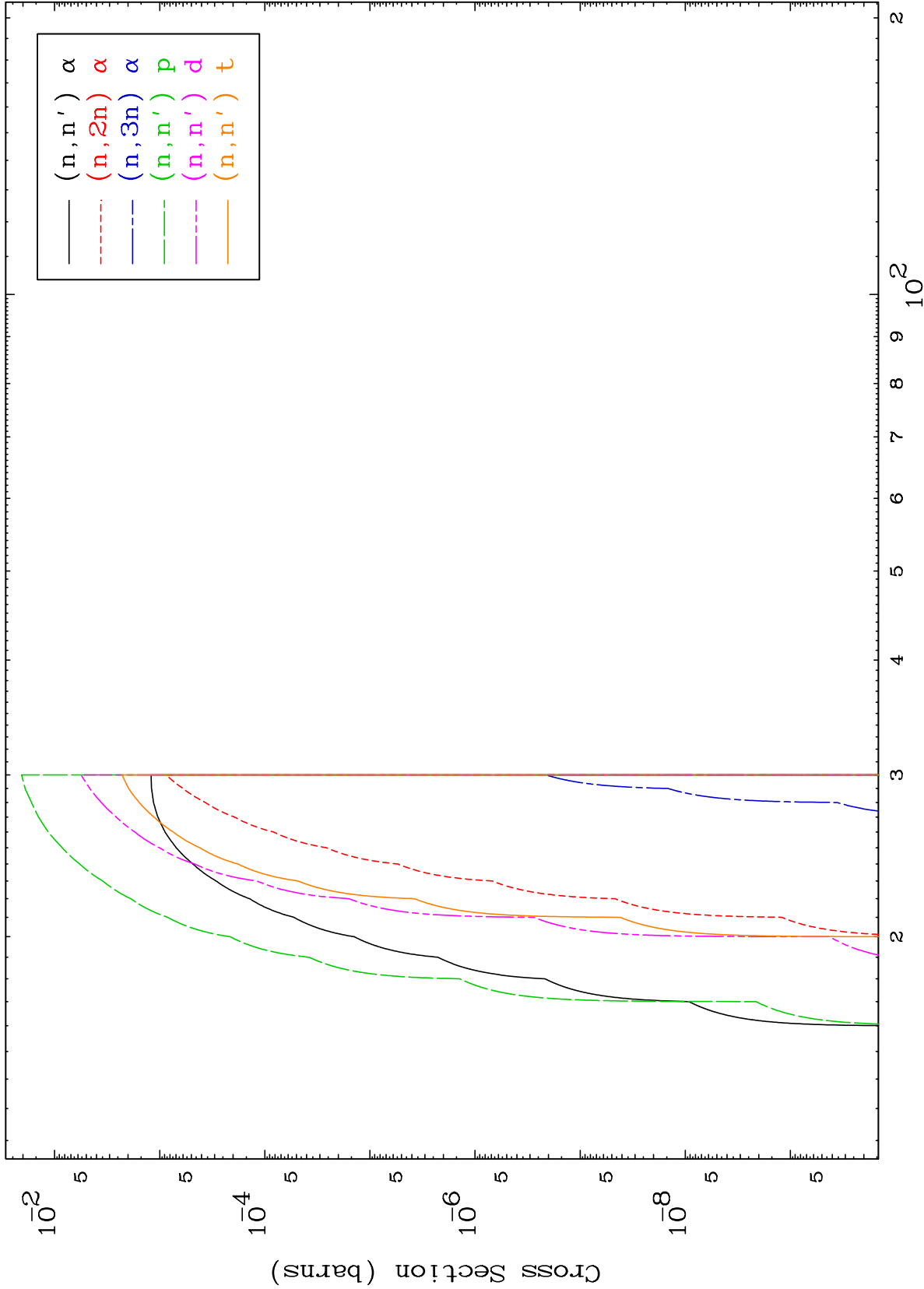
Neutron Production  
293 Kelvin Cross Sections

28-Ni-71



Incident Energy (MeV)

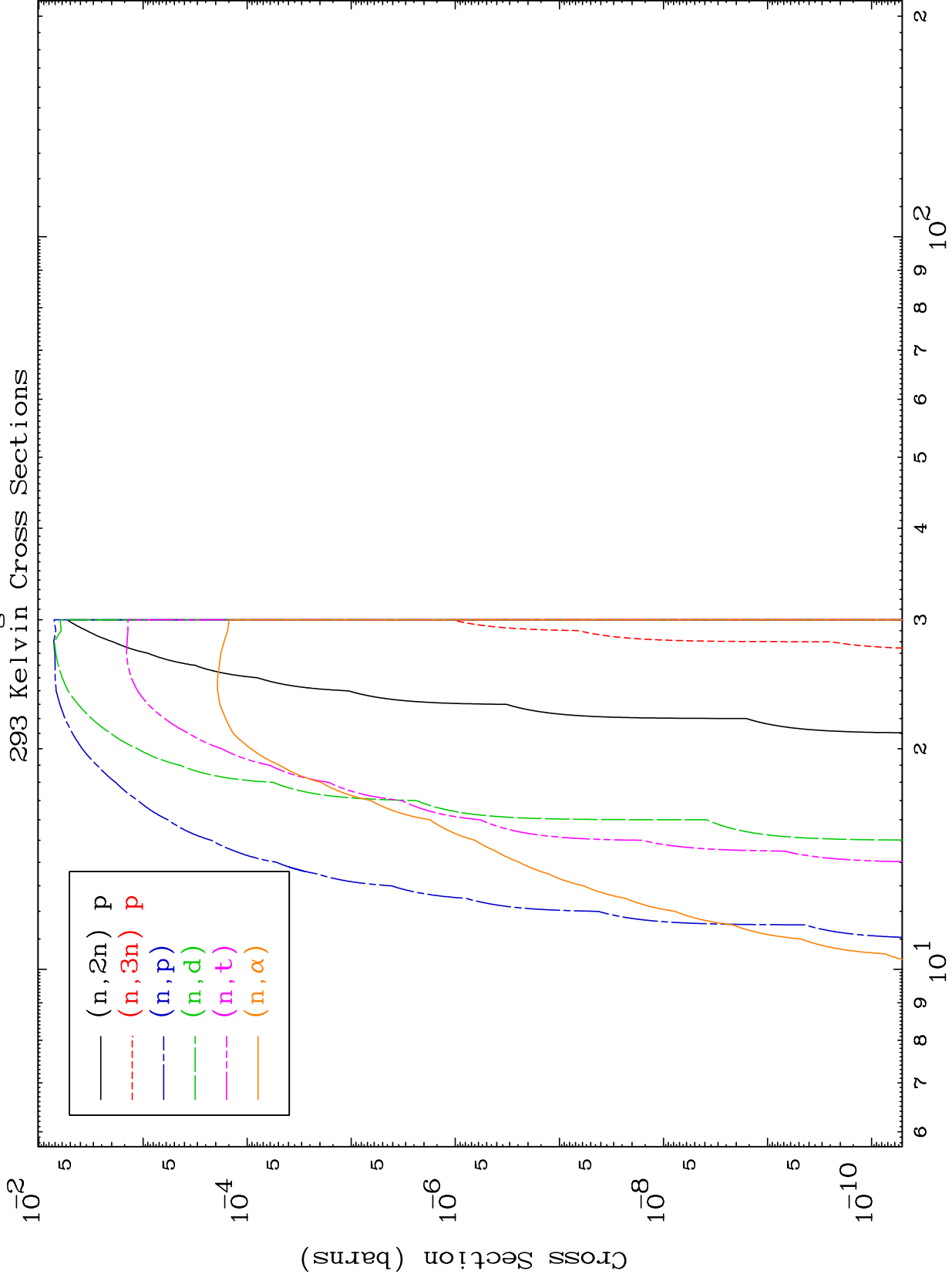
28-Ni-71



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Charged Particle  
293 Kelvin Cross Sections

28-Ni-71



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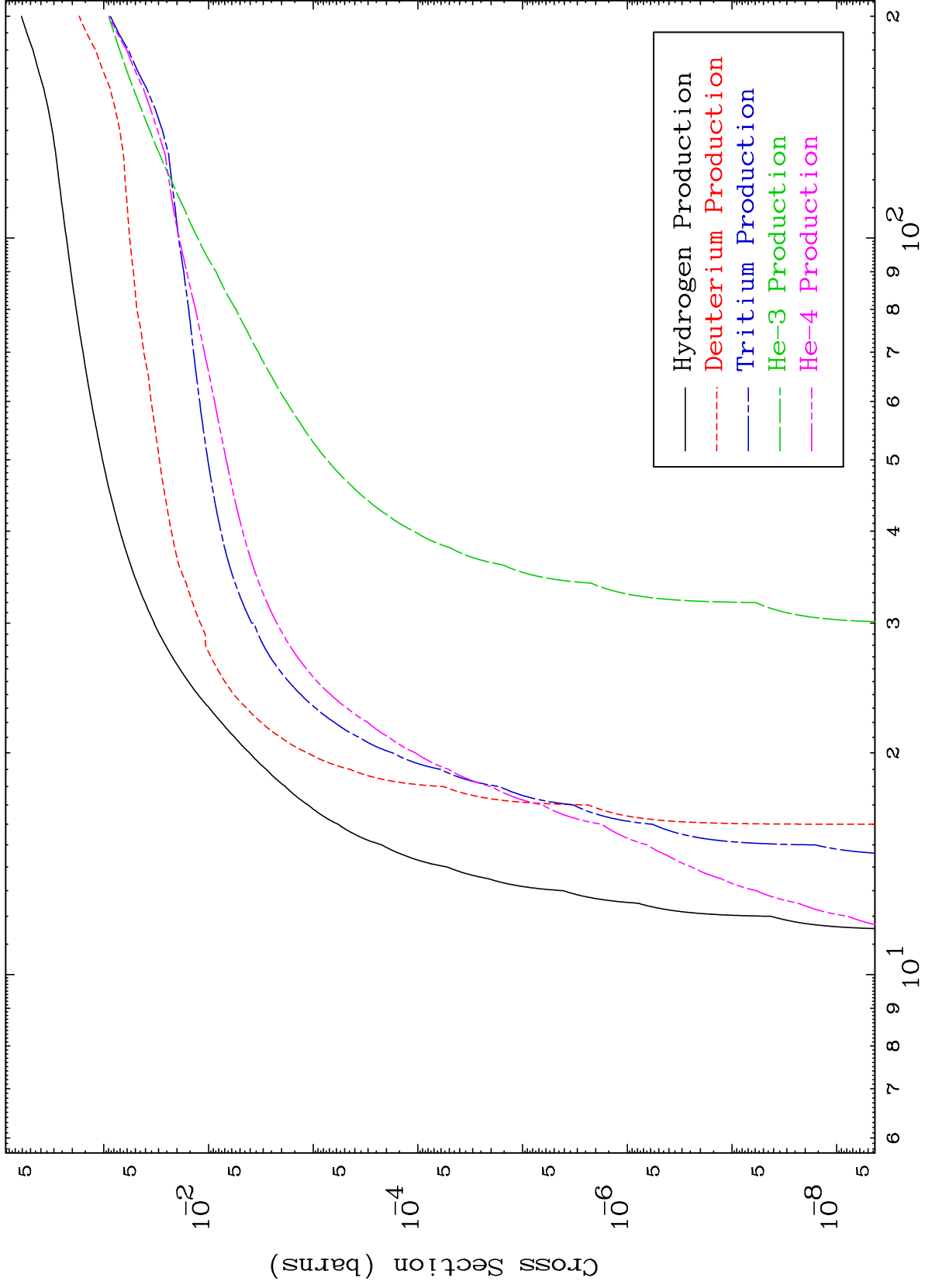
Incident Energy (MeV)

28-Ni-71

MAT 2864

Particle Production  
293 Kelvin Cross Sections

28-Ni-71



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Incident Energy (MeV)

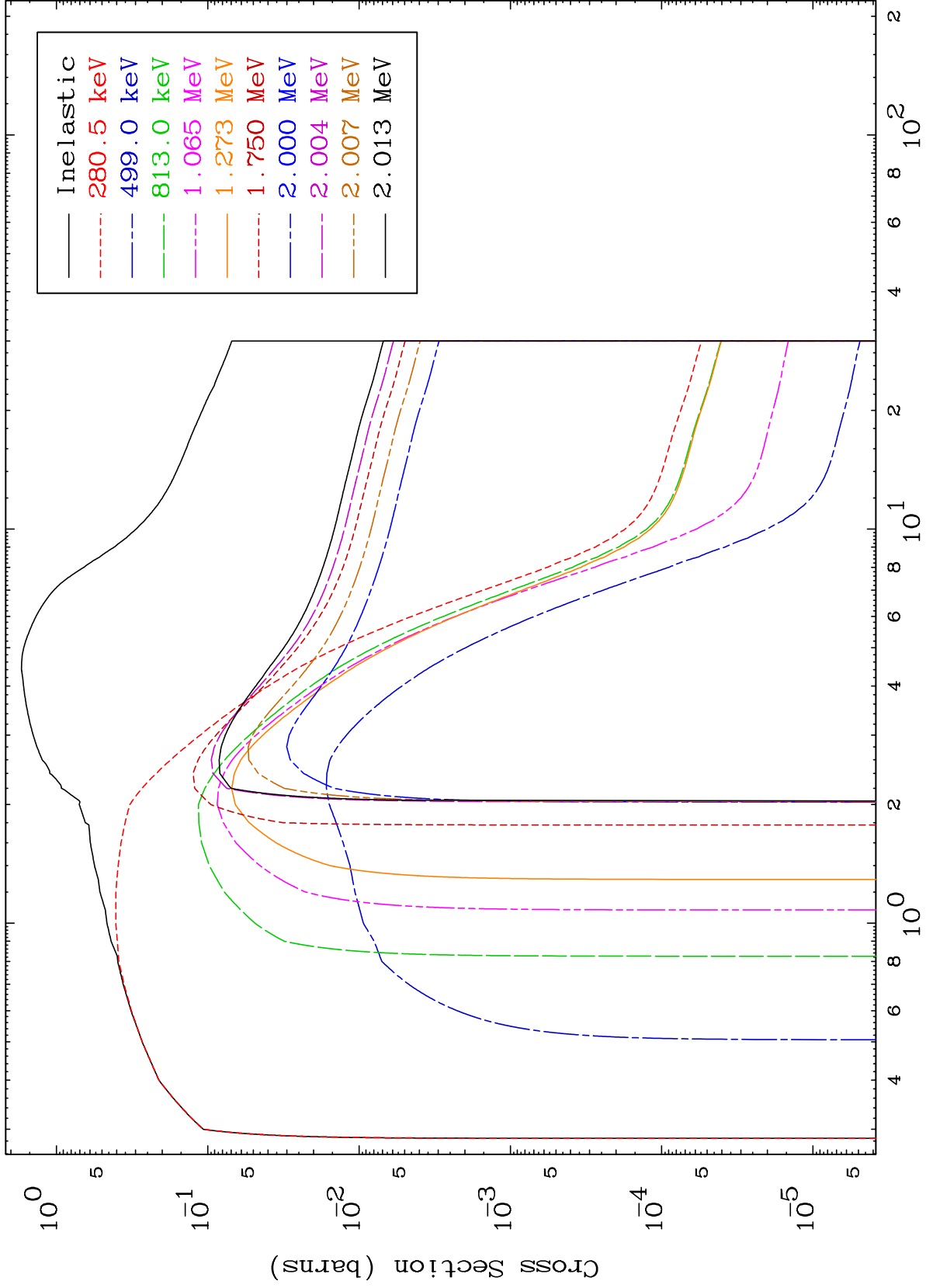
28-Ni-71

MAT 2864

(n,n') Level

28-Ni-71

293 Kelvin Cross Sections



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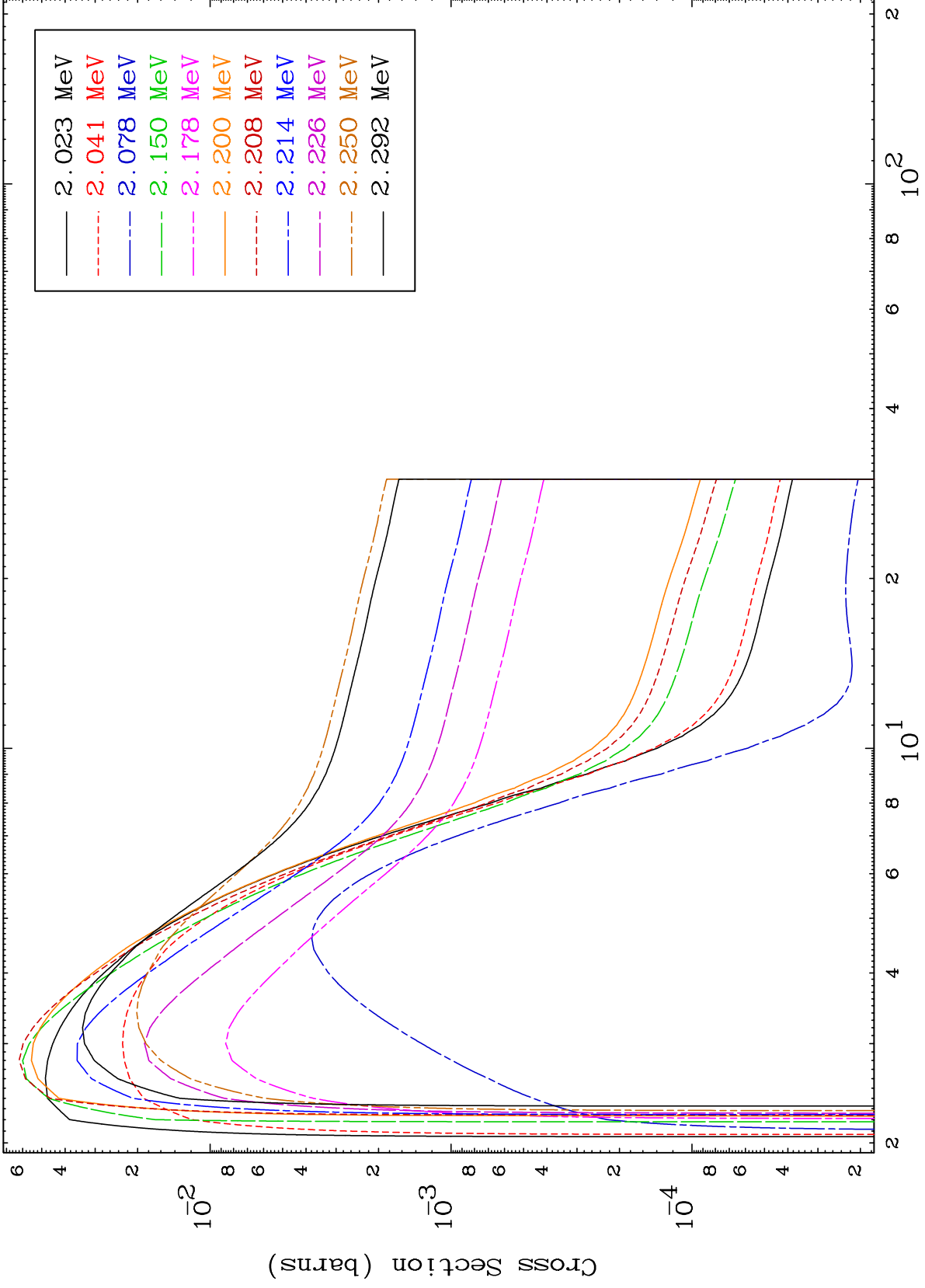
Incident Energy (MeV)

28-Ni-71

MAT 2864

(n,n') Level  
293 Kelvin Cross Sections

28-Ni-71



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Incident Energy (MeV)

28-Ni-71

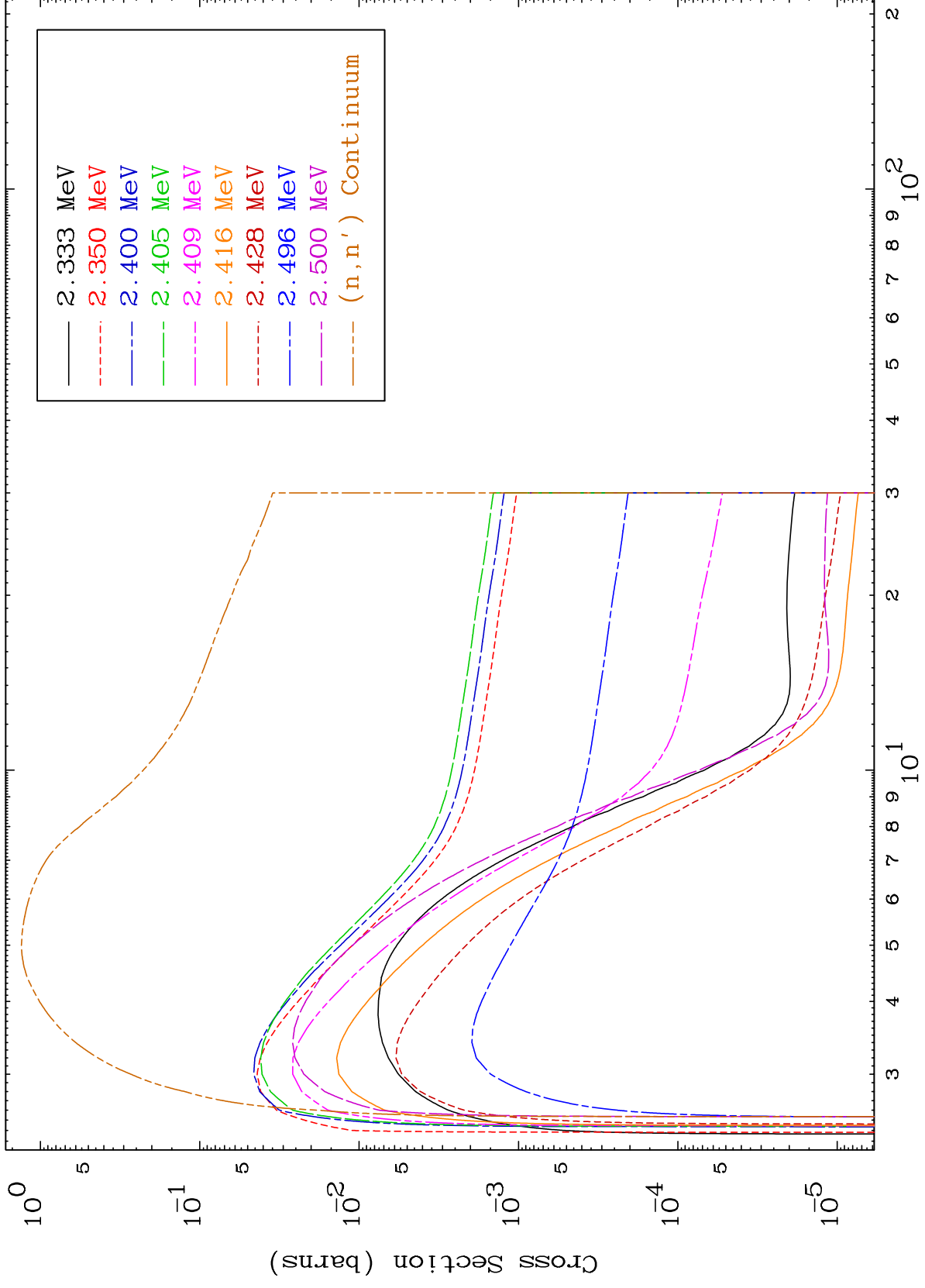


MAT 2864

(n,n') Level

28-Ni-71

293 Kelvin Cross Sections



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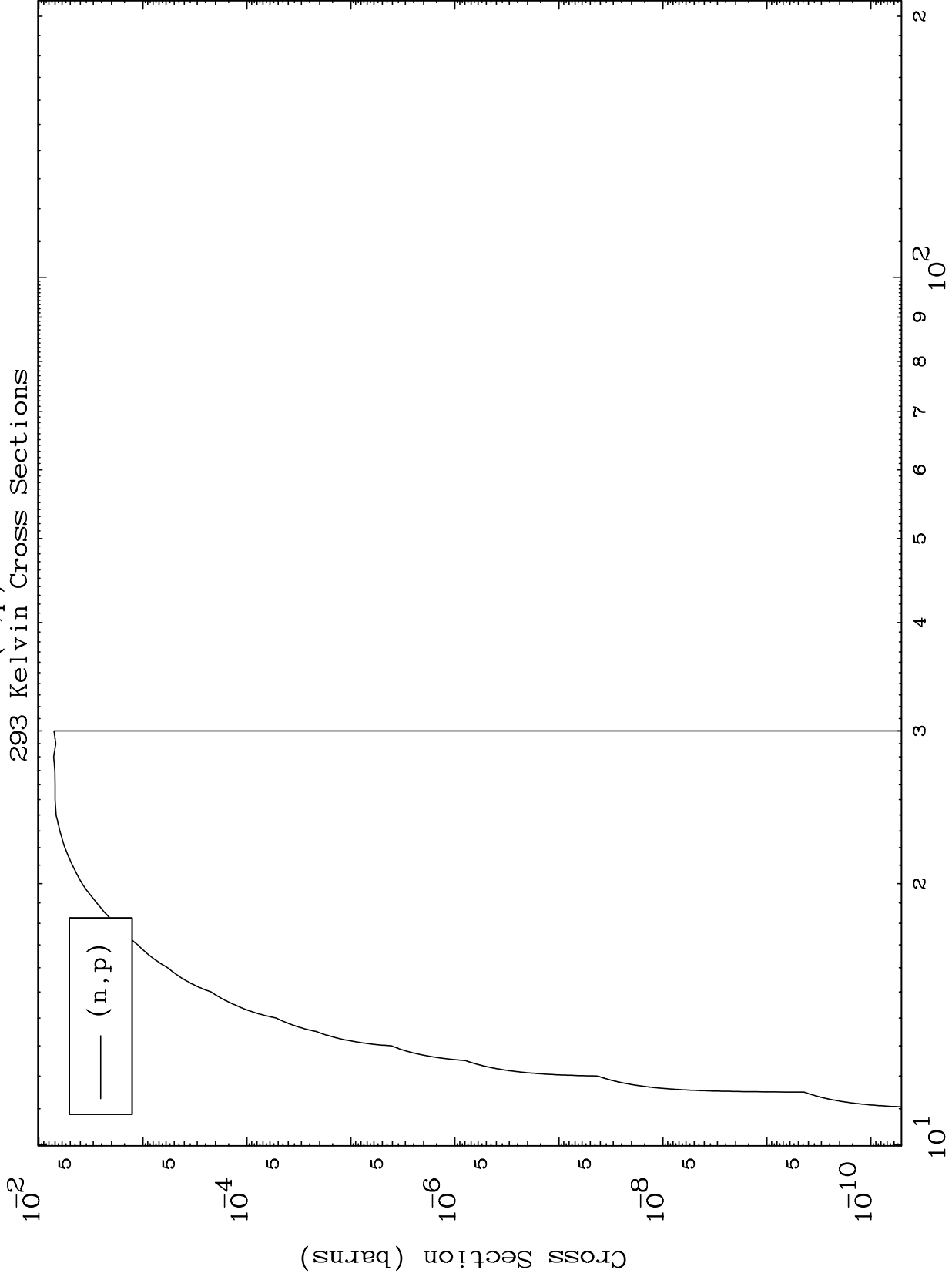
Incident Energy (MeV)

28-Ni-71

MAT 2864

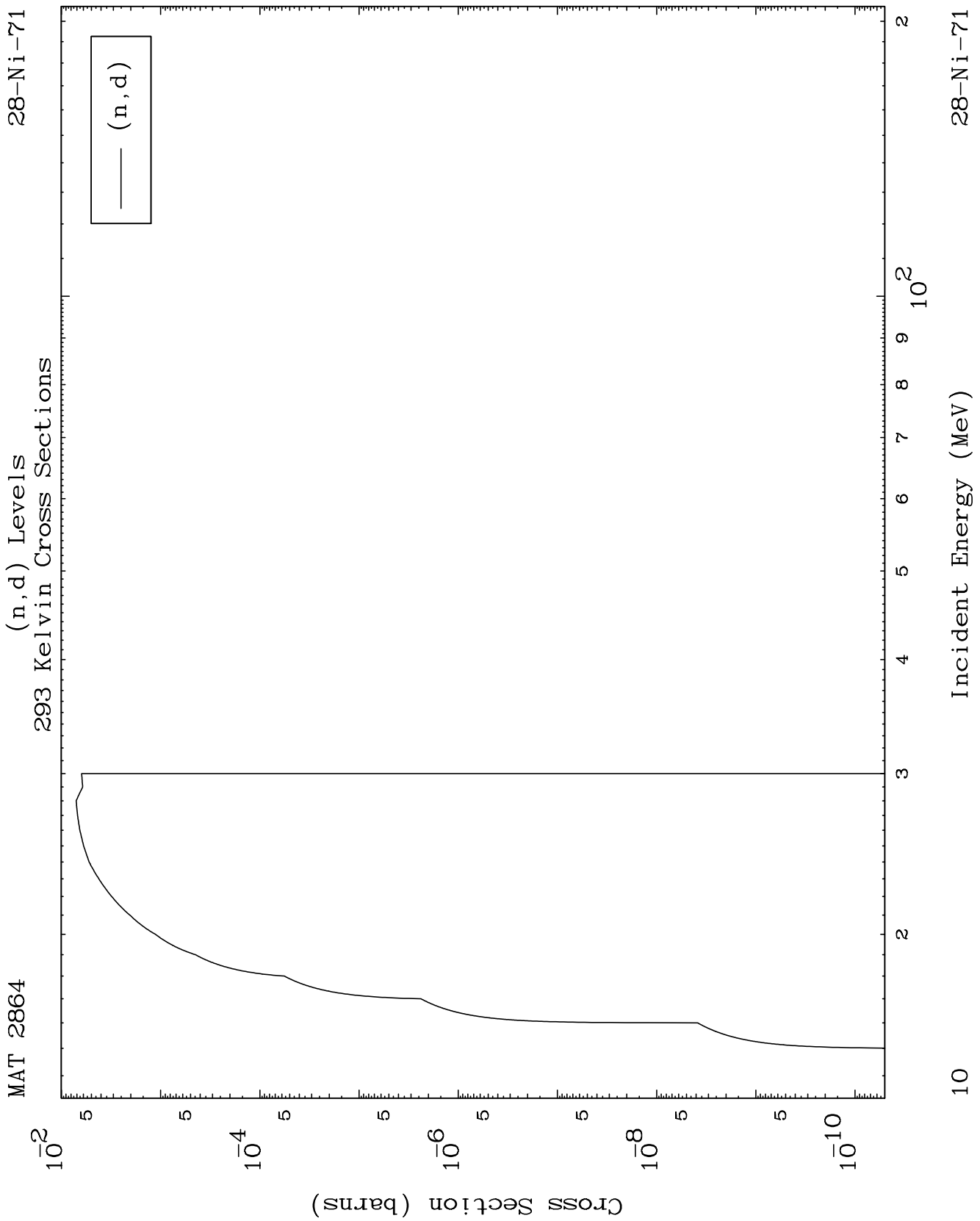
(n,p) Levels  
293 Kelvin Cross Sections

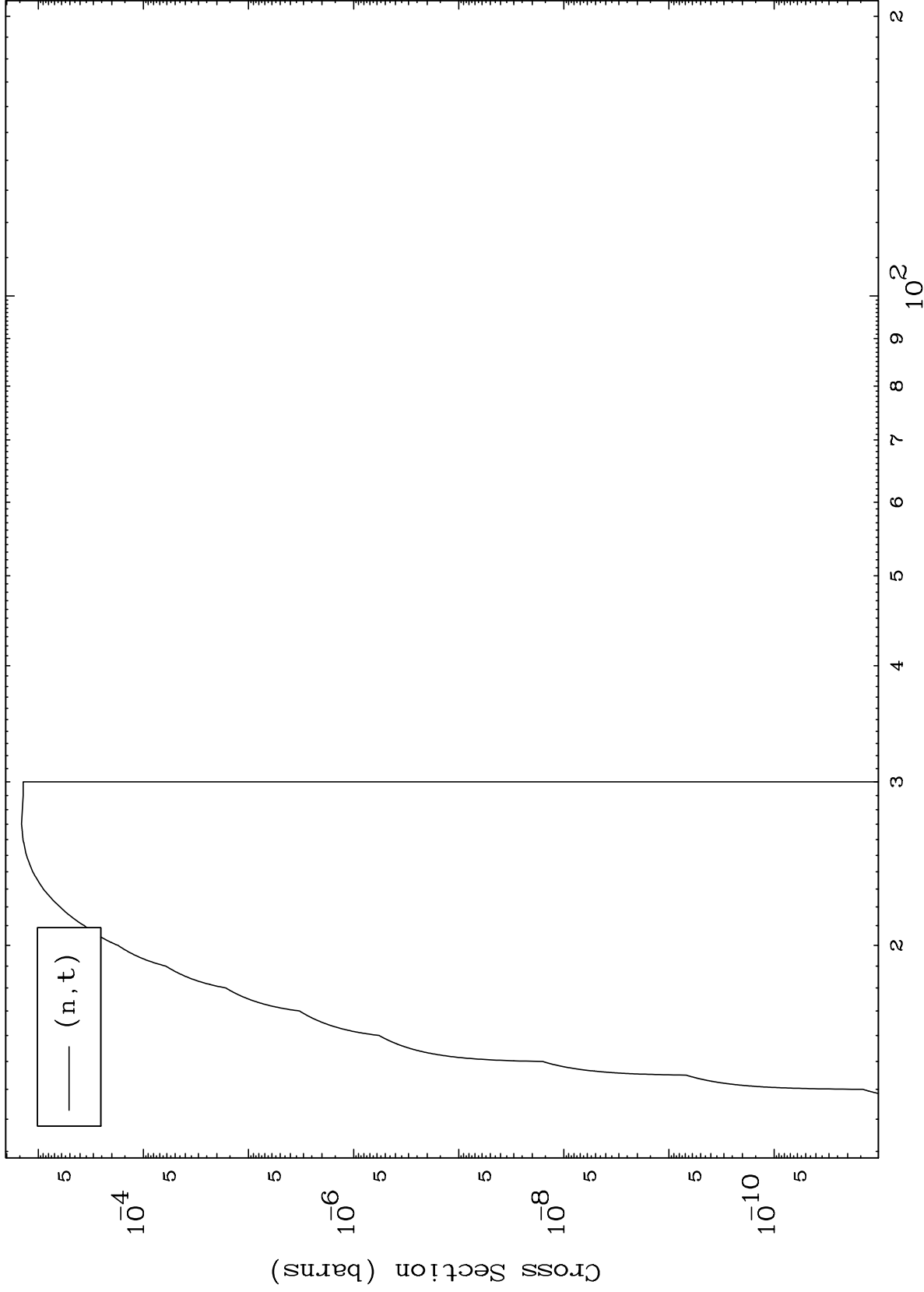
28-Ni-71



Incident Energy (MeV)

28-Ni-71

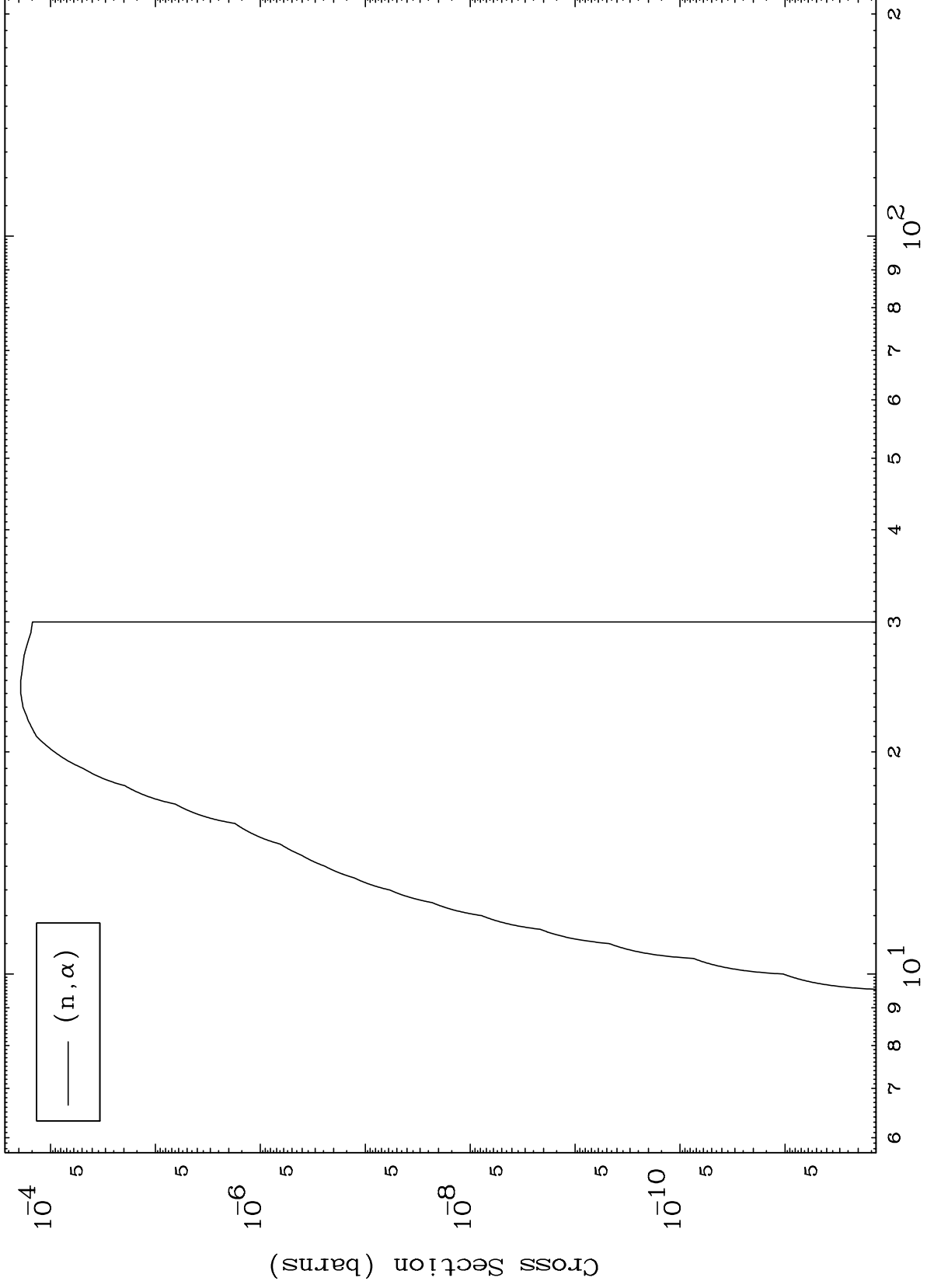




MAT 2864

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

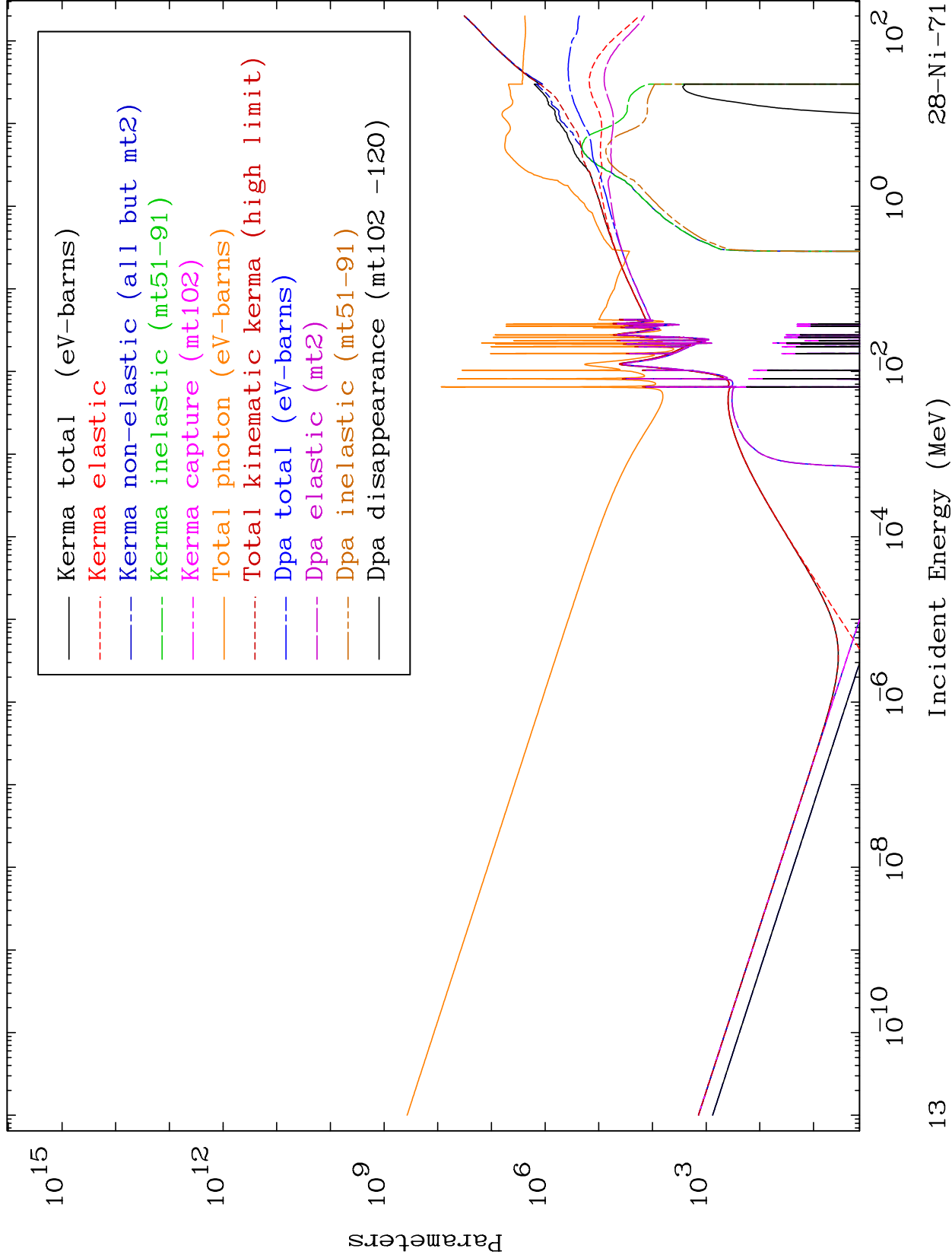
28-Ni-71



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Incident Energy (MeV)

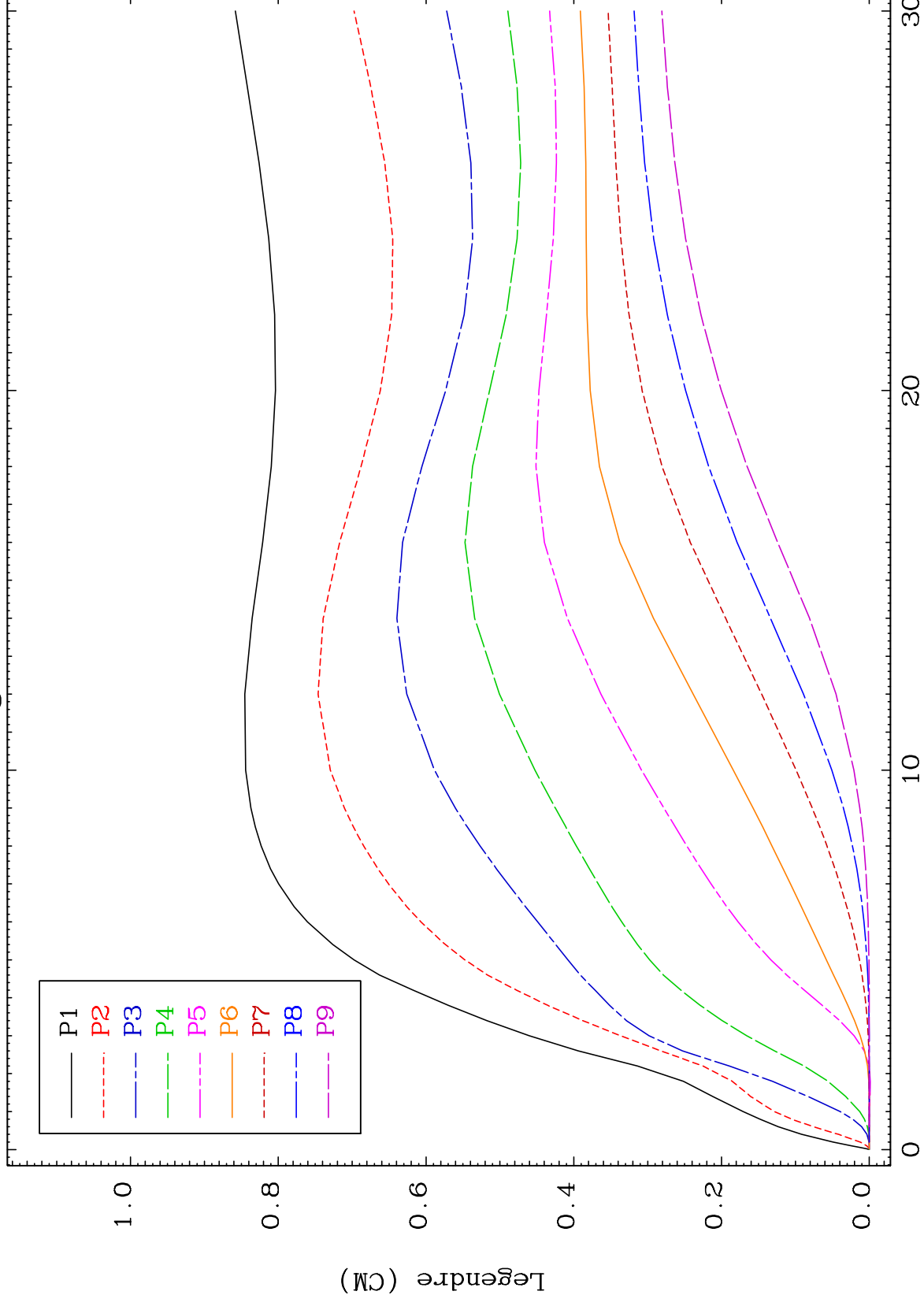
28-Ni-71



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Elastic Legendre Coefficients

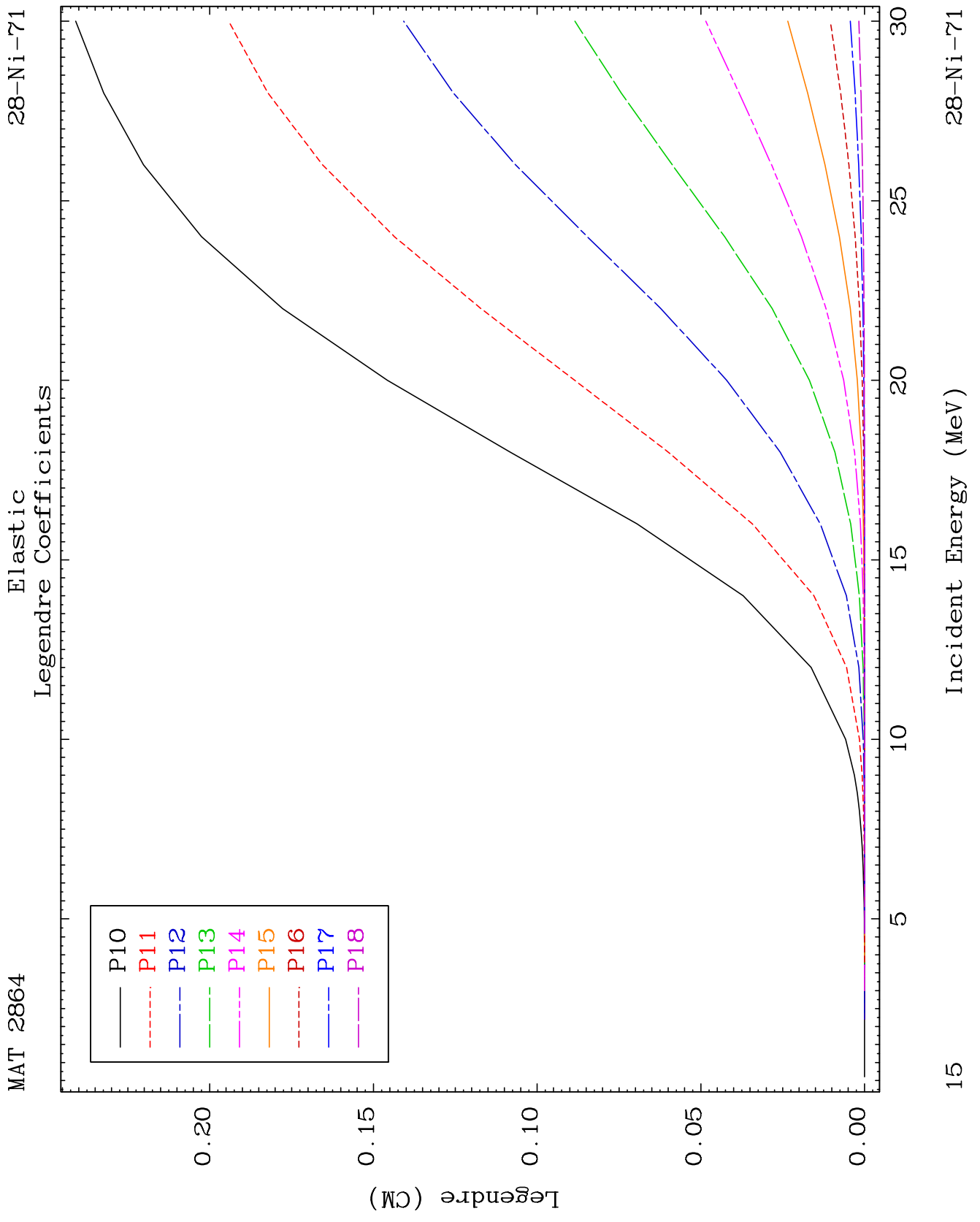
<sup>28</sup>Ni-71



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Incident Energy (MeV)

<sup>28</sup>Ni-71

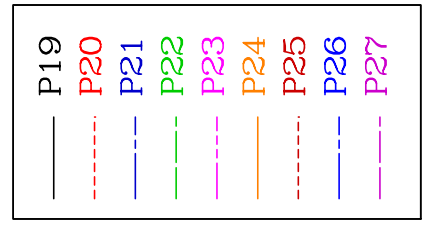




MAT 2864

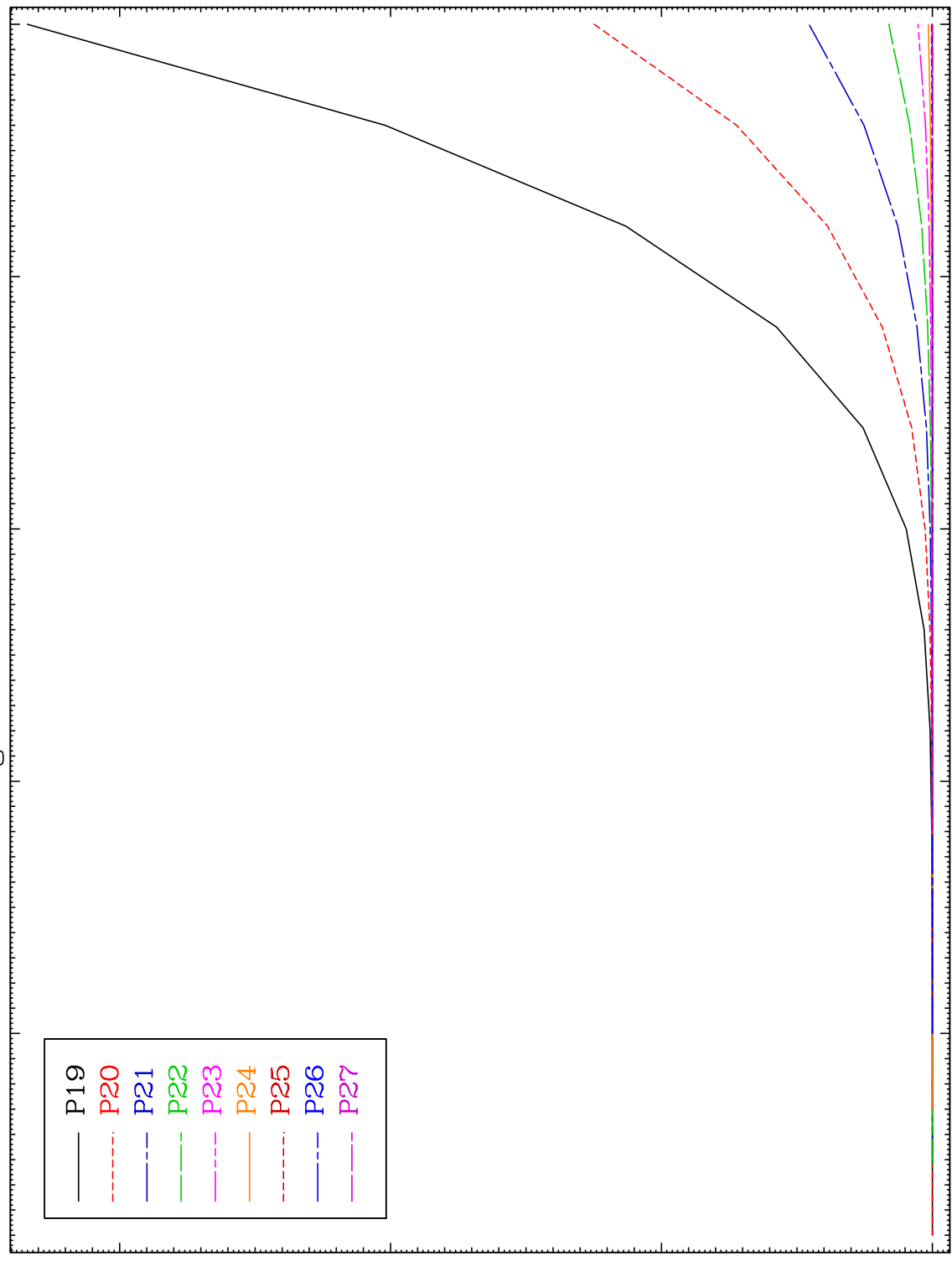
Elastic  
Legendre Coefficients

28-Ni-71



$\times 10^{-4}$

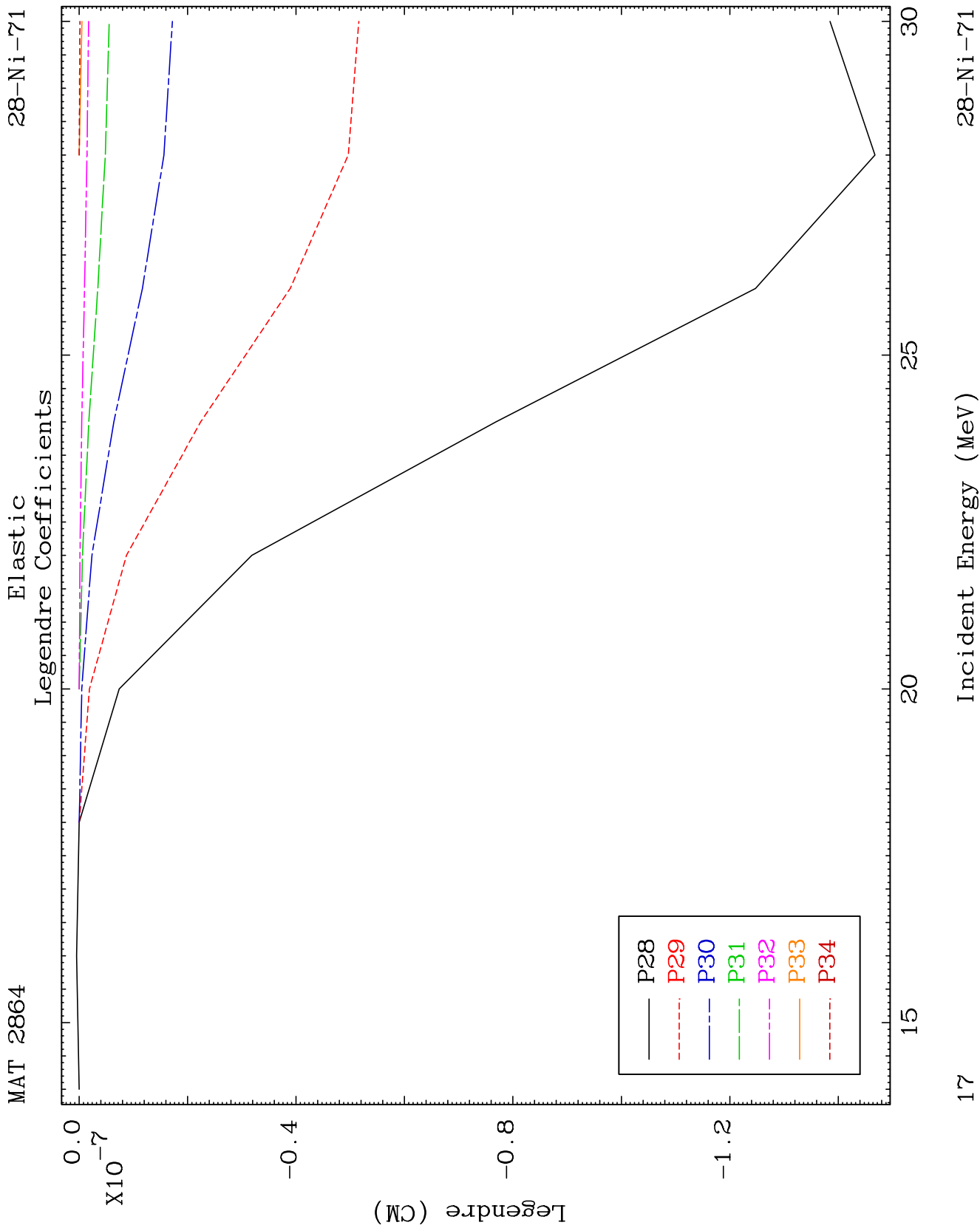
Legendre (CM)



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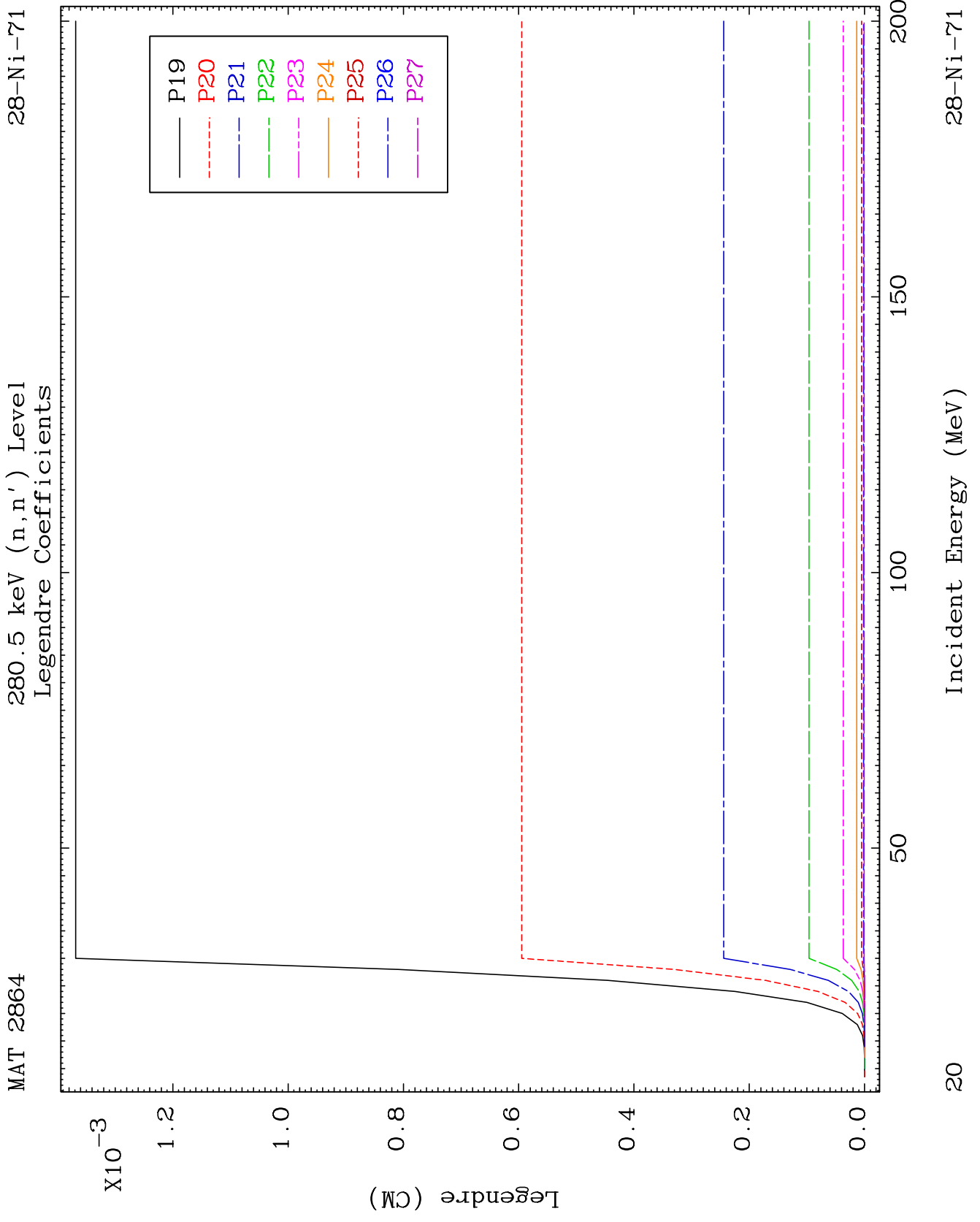
Incident Energy (MeV)

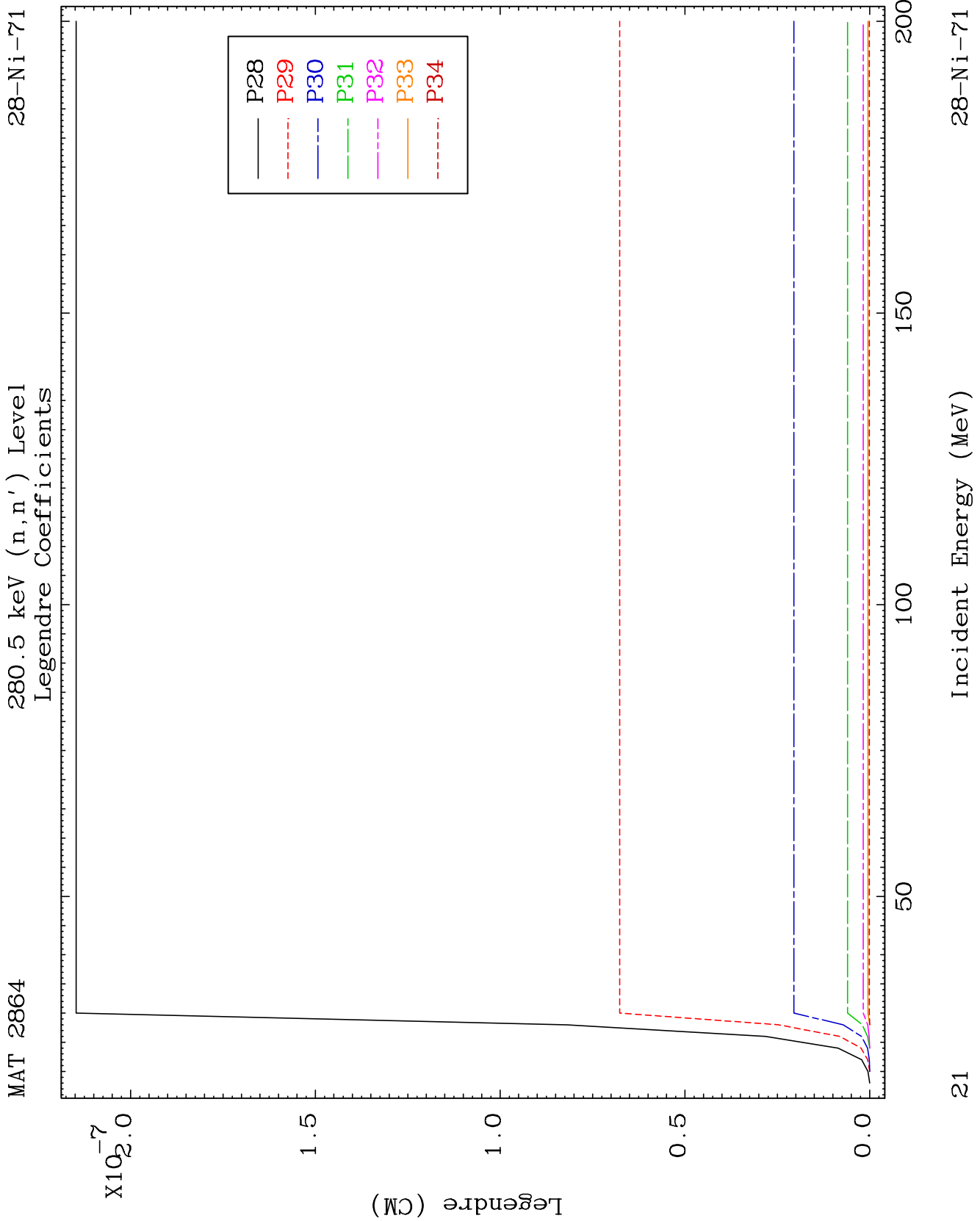
28-Ni-71







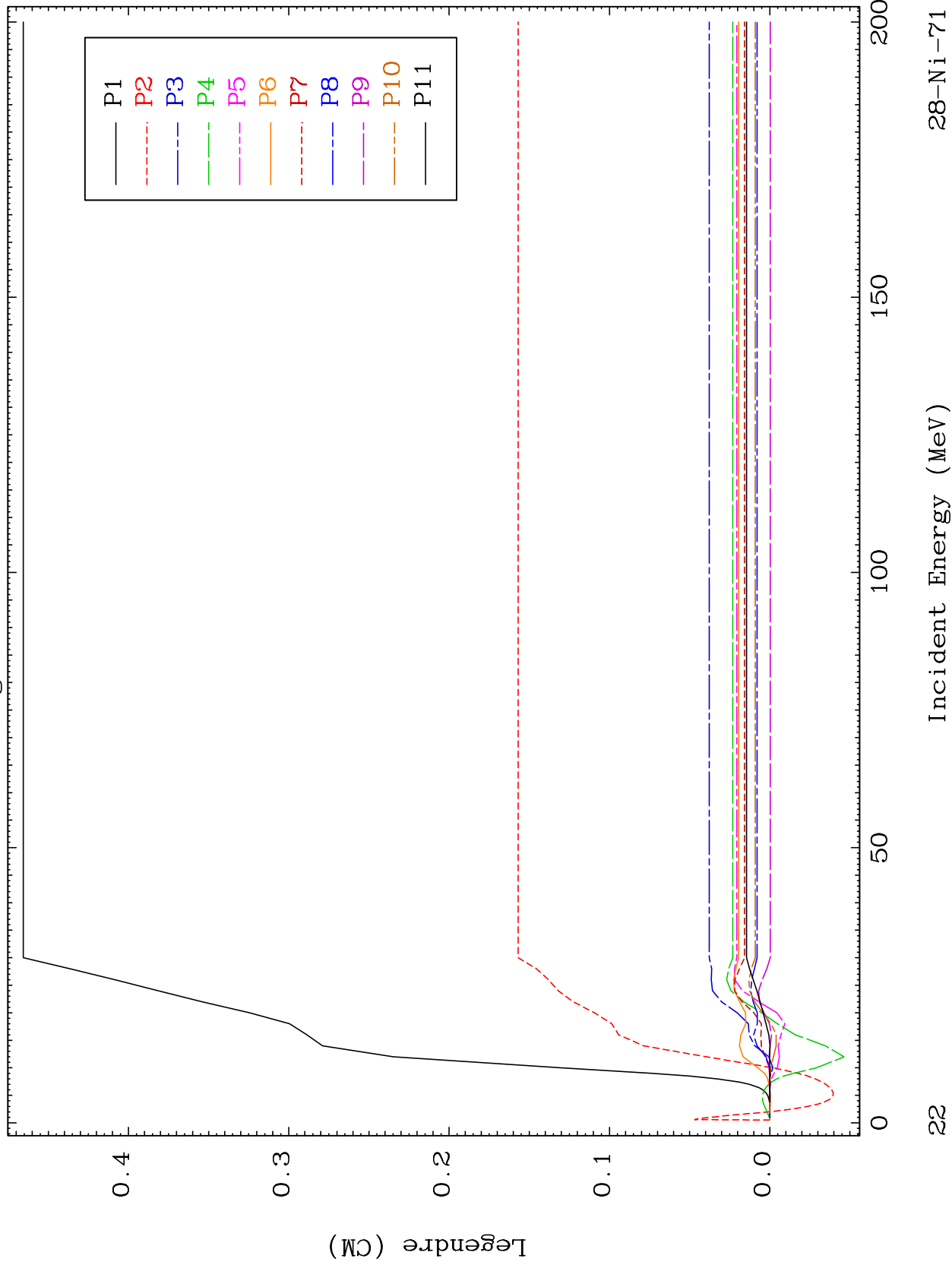




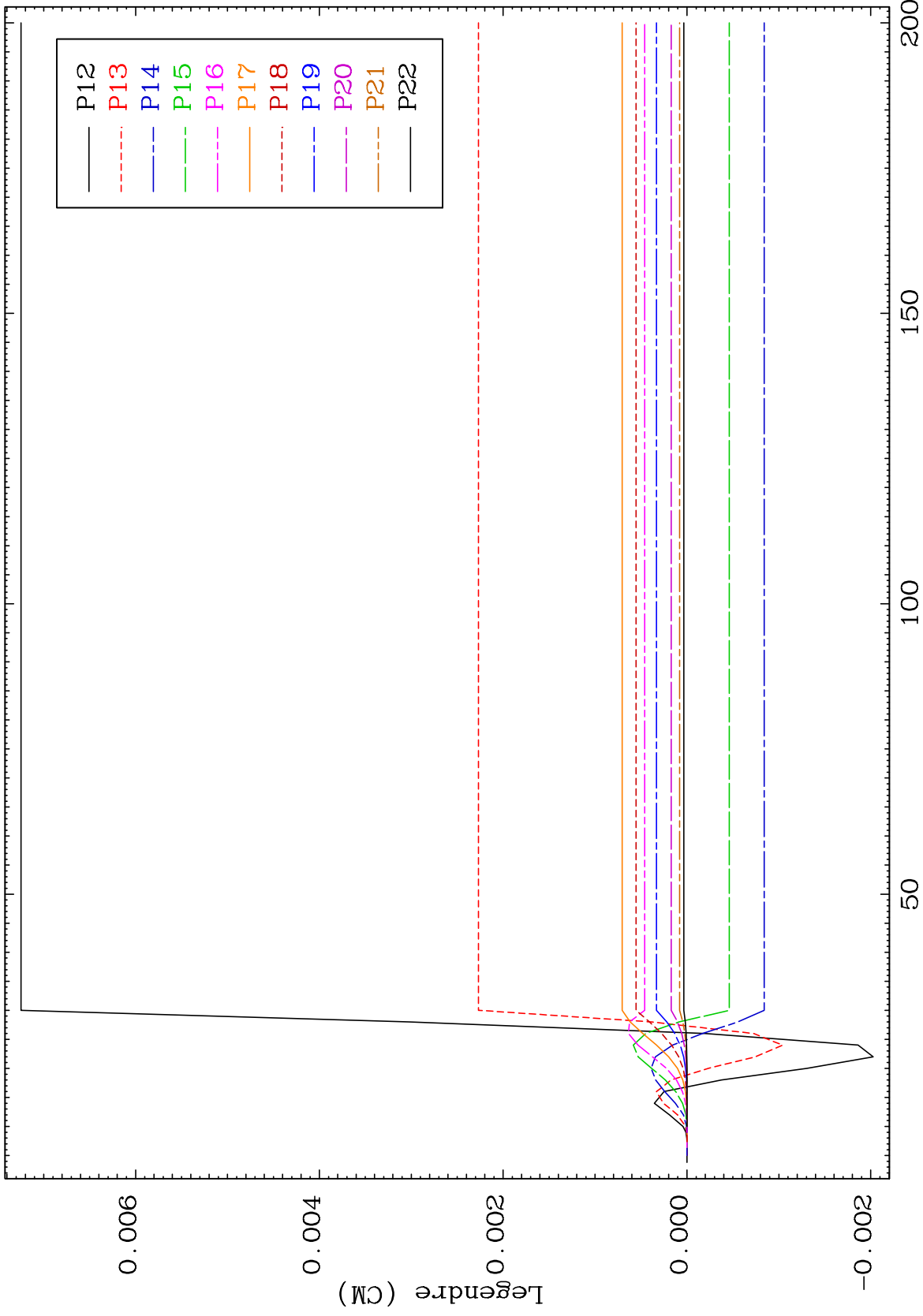
MAT 2864

499.0 keV (n,n') Level  
Legendre Coefficients

28-Ni-71



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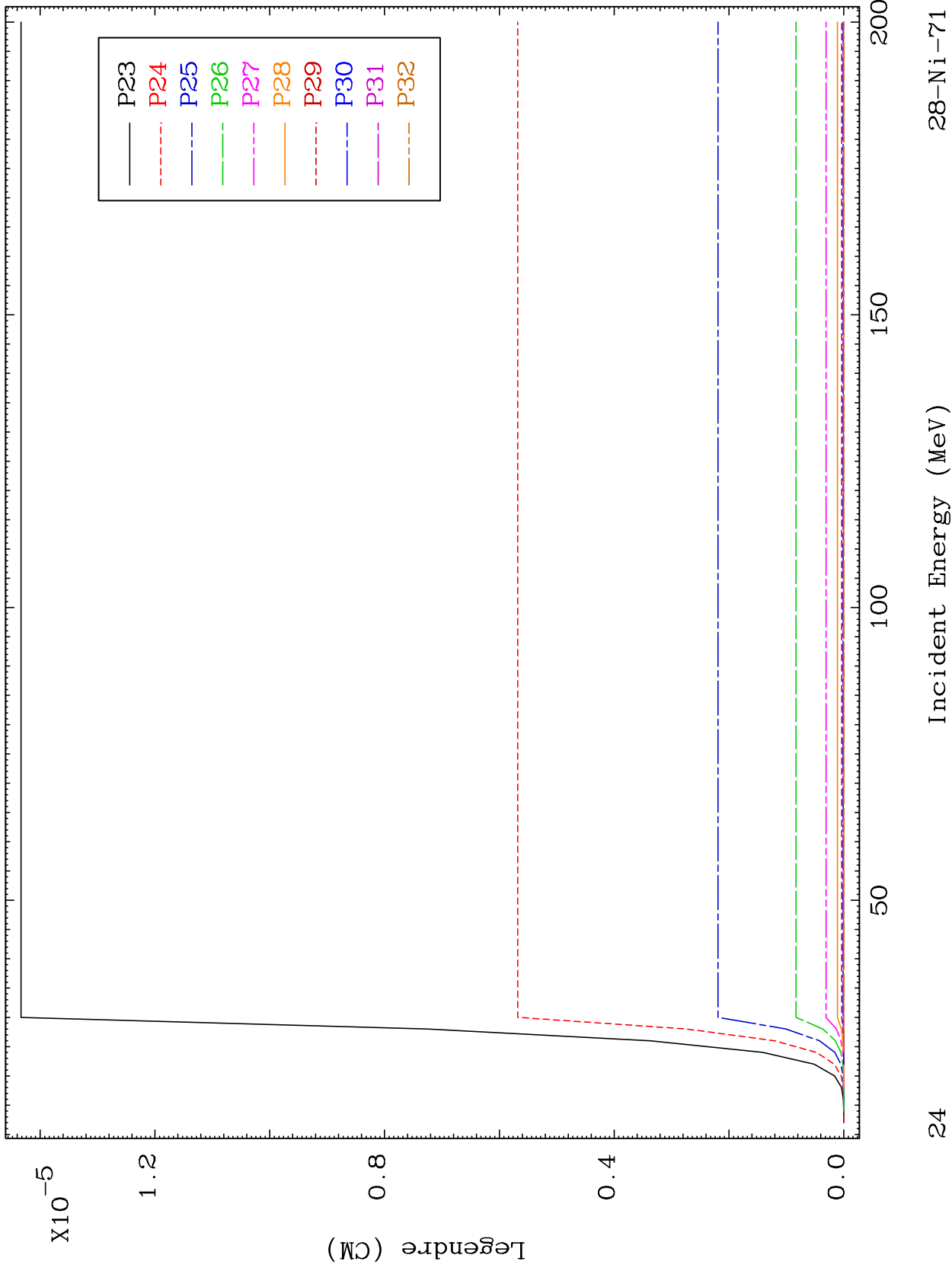




MAT 2864

499.0 keV (n,n') Level  
Legendre Coefficients

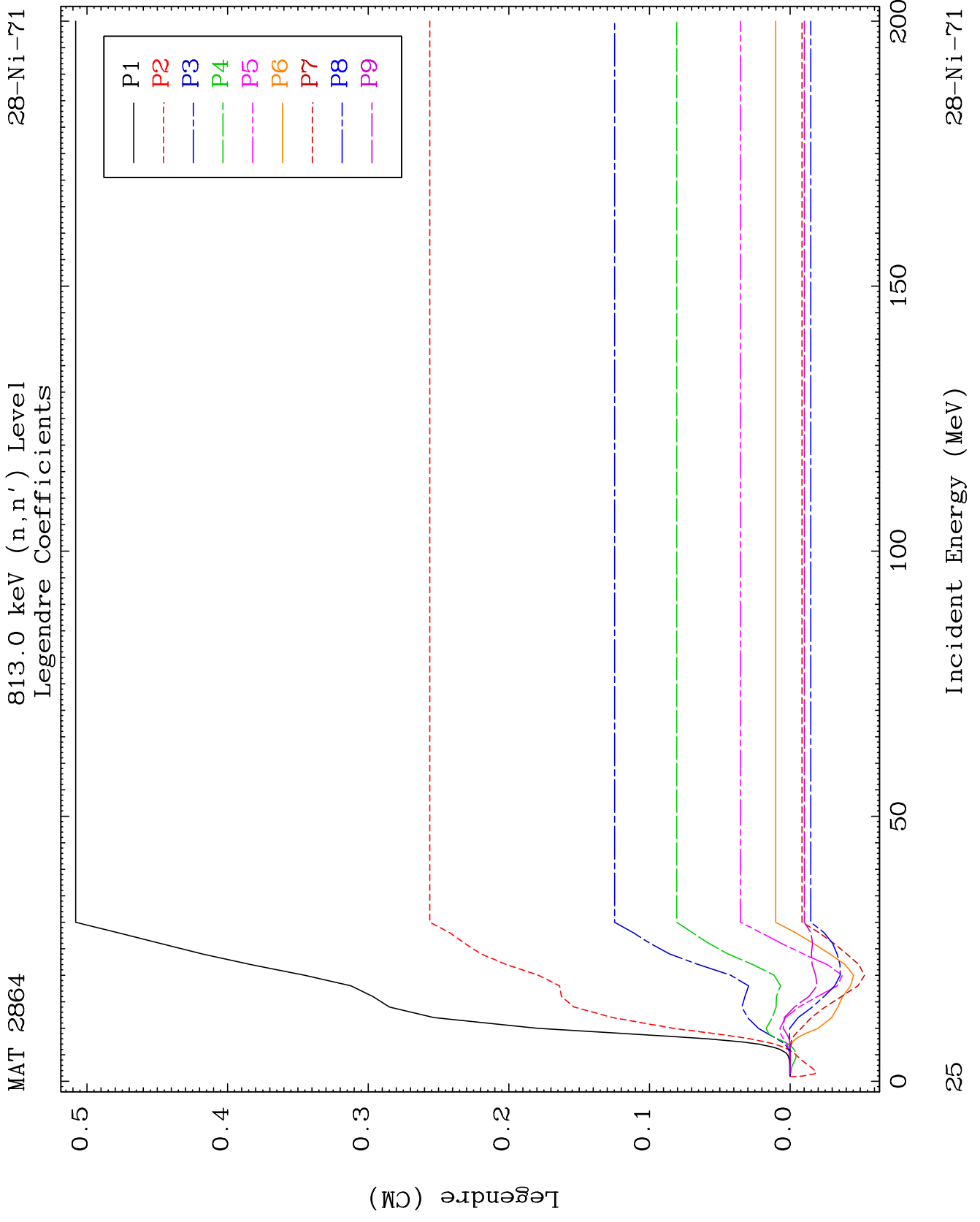
28-Ni-71



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Incident Energy (MeV)

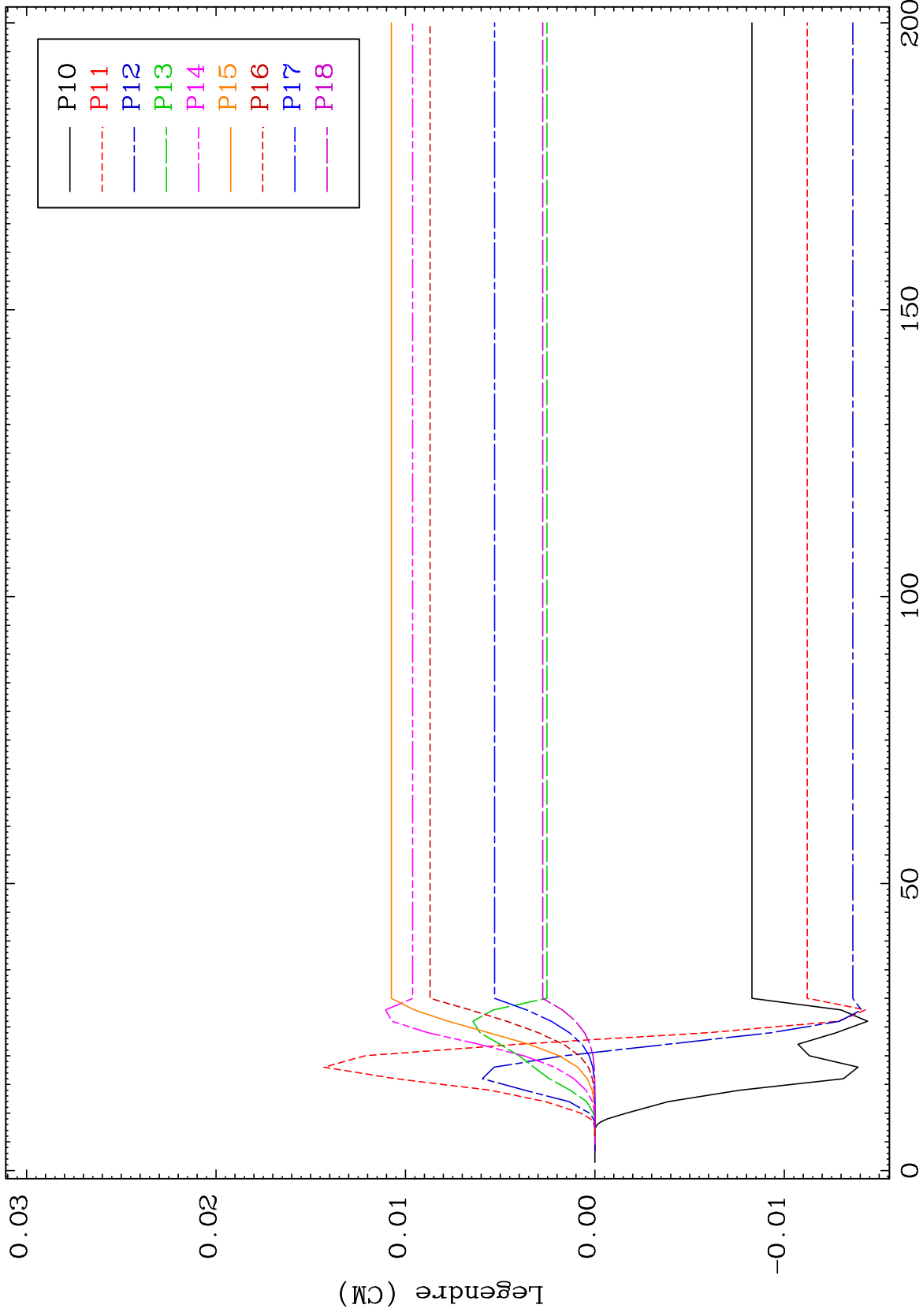
28-Ni-71



MAT 2864

813.0 keV (n,n') Level  
Legendre Coefficients

28-Ni-71



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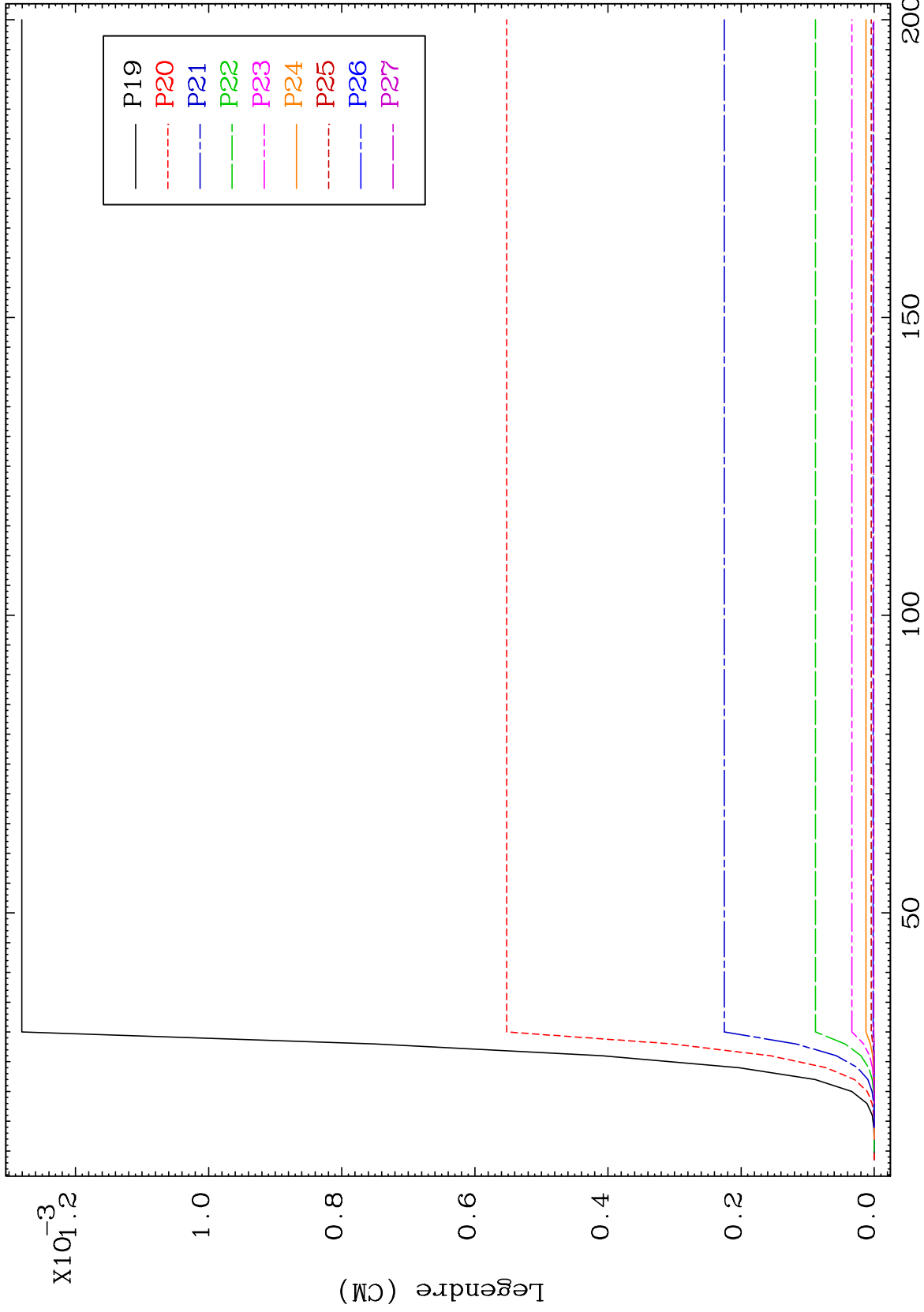
Incident Energy (MeV)

28-Ni-71

MAT 2864

813.0 keV (n,n') Level  
Legendre Coefficients

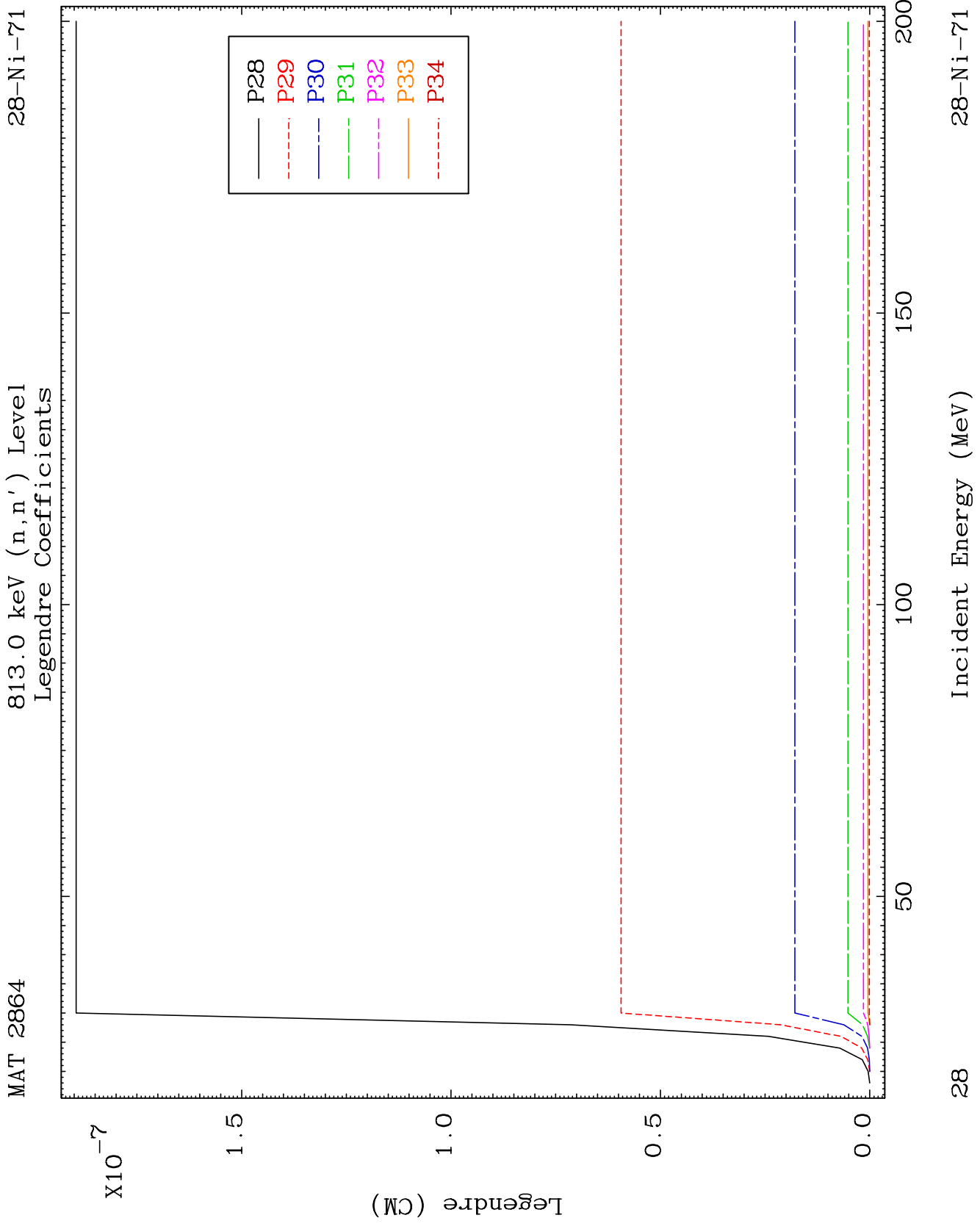
28-Ni-71



27

Incident Energy (MeV)

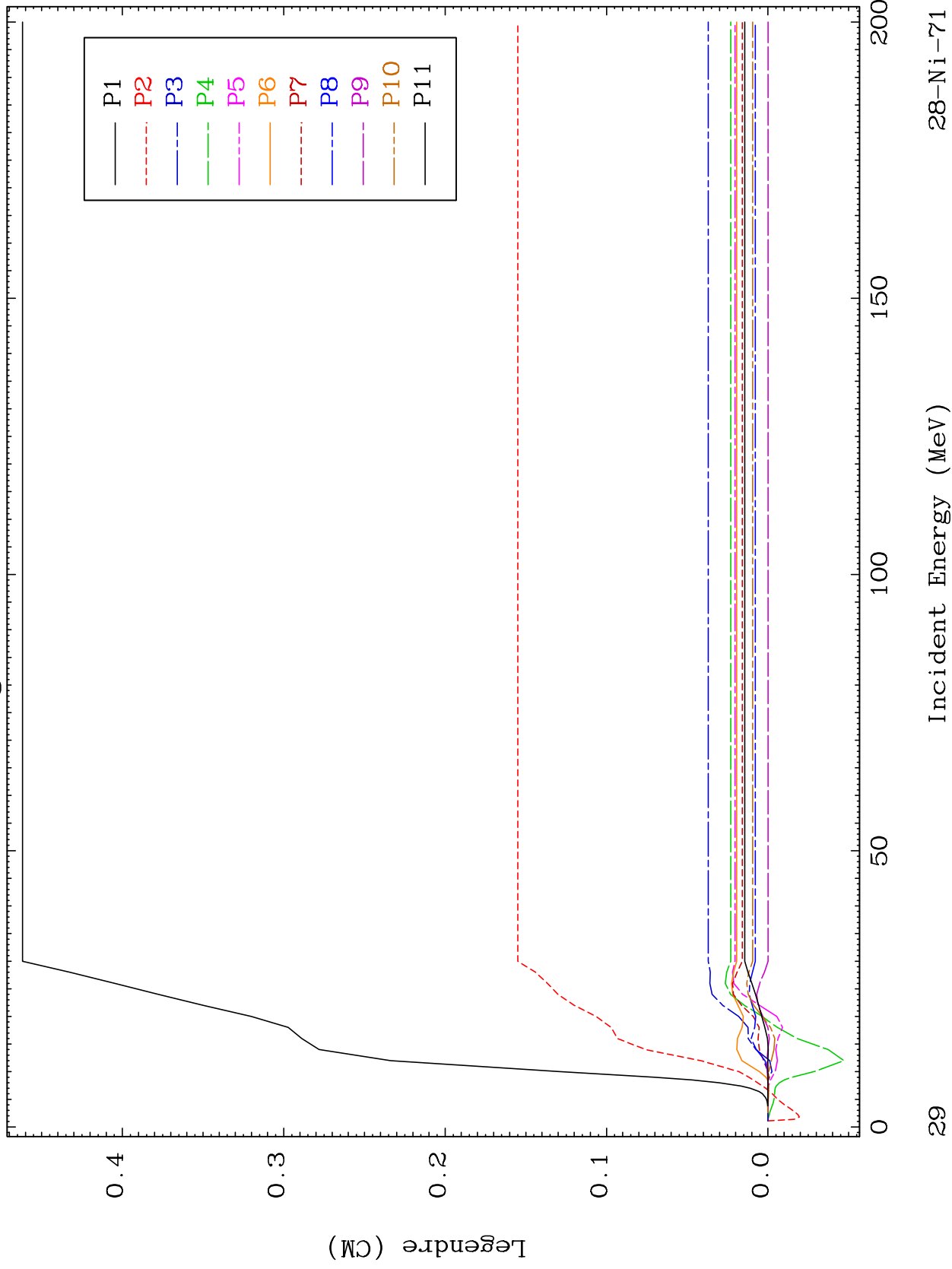
28-Ni-71



MAT 2864

1.065 MeV (n,n') Level  
Legendre Coefficients

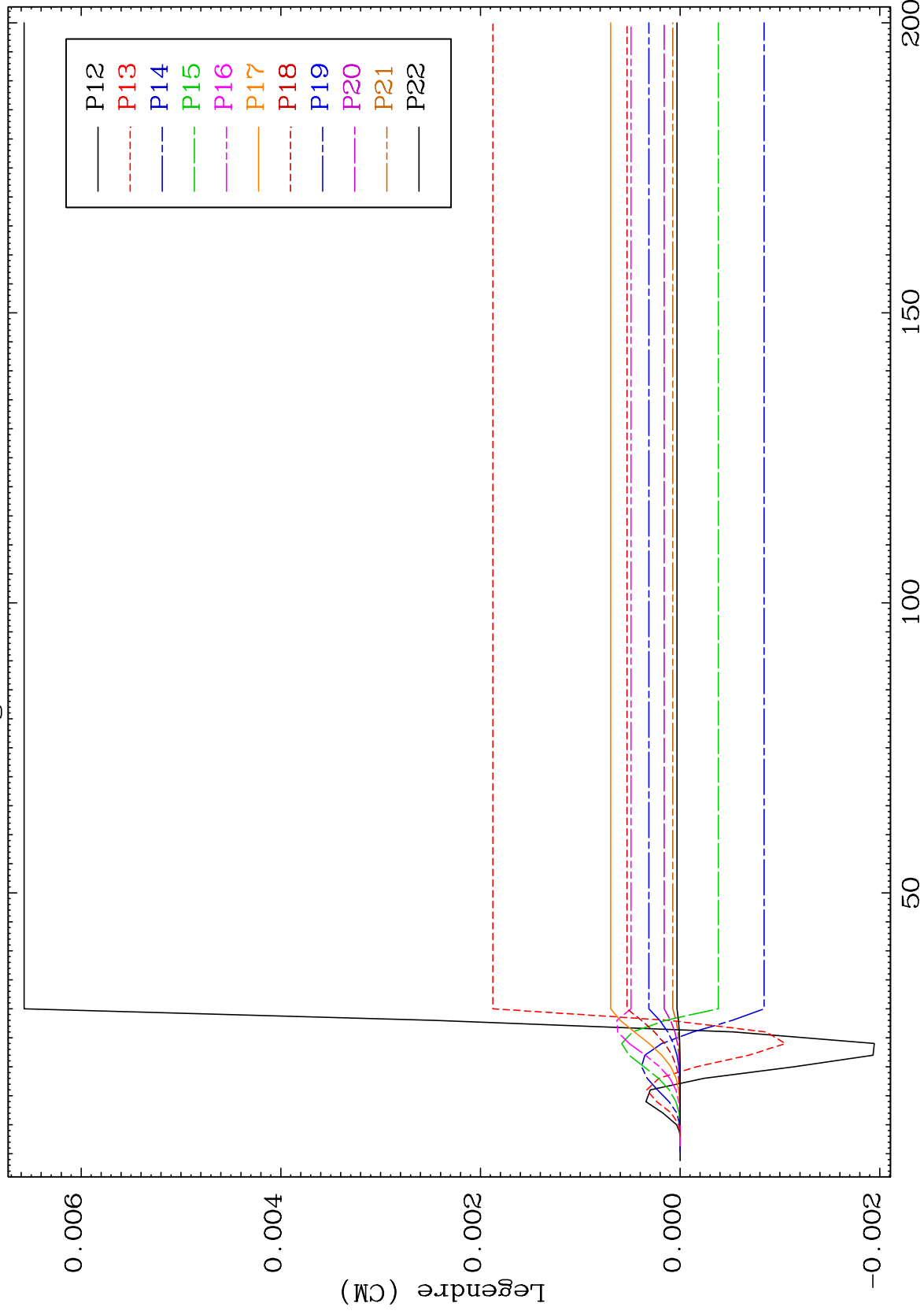
28-Ni-71



MAT 2864

1.065 MeV (n,n') Level  
Legendre Coefficients

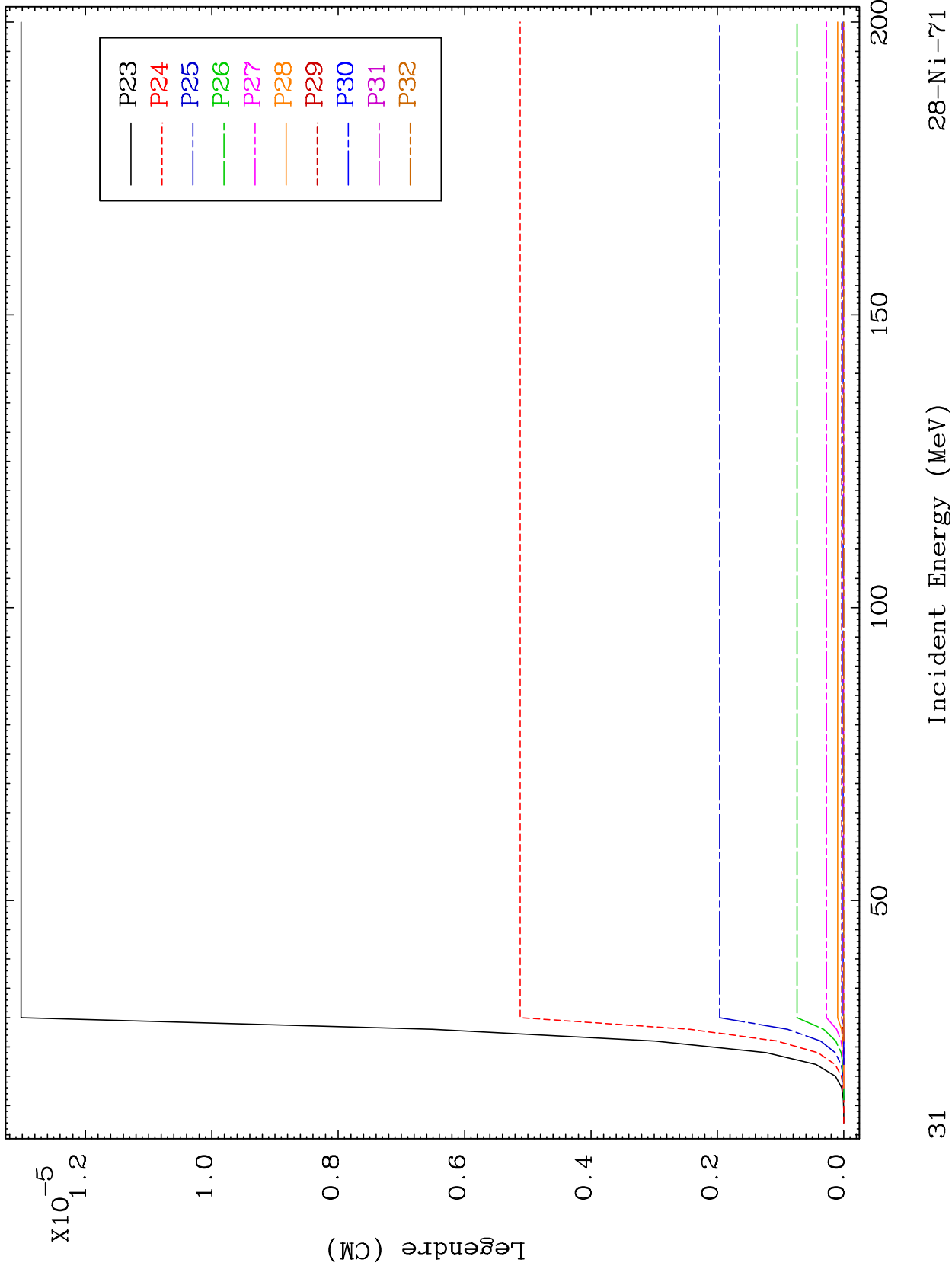
28-Ni-71



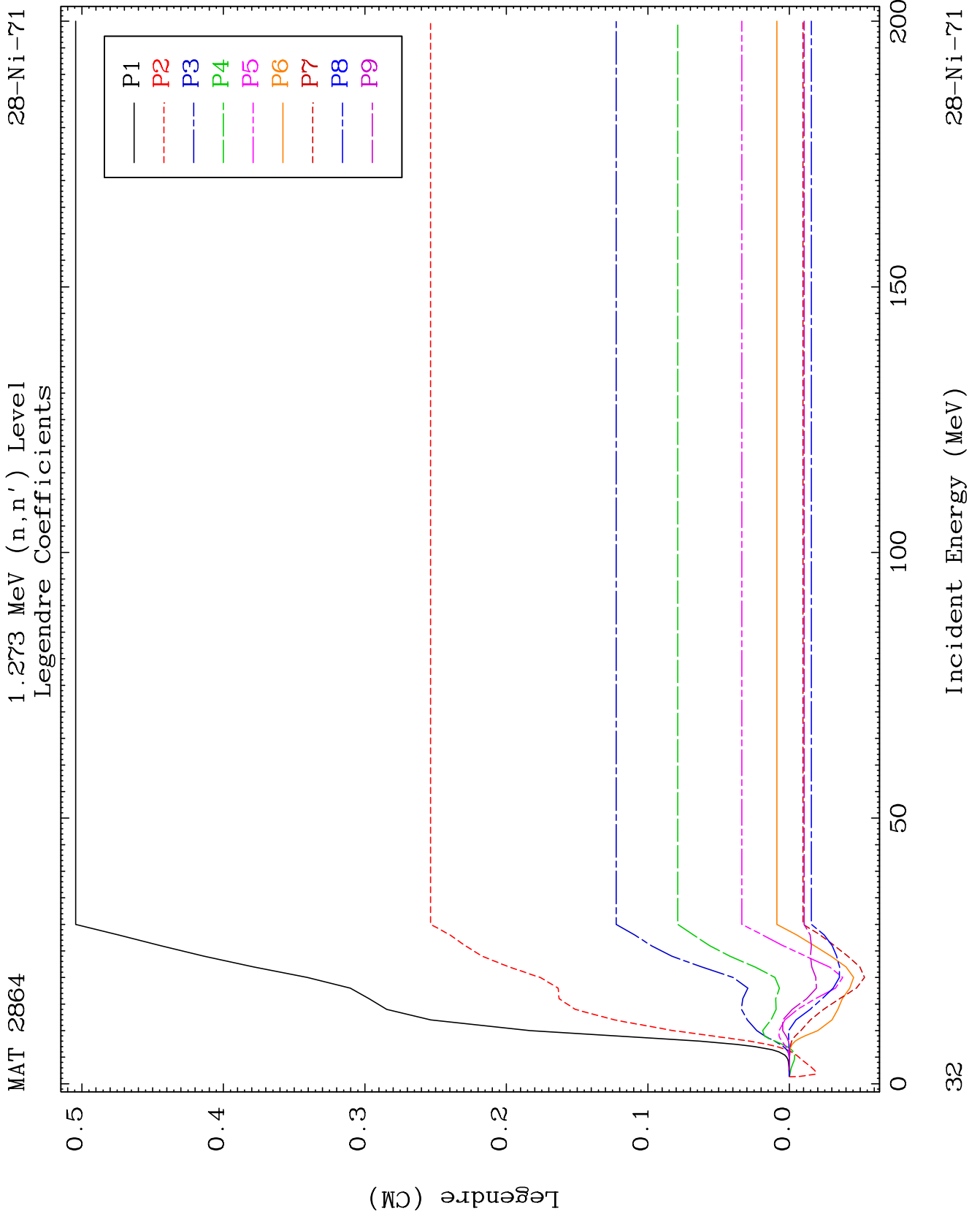
30

Incident Energy (MeV)

28-Ni-71



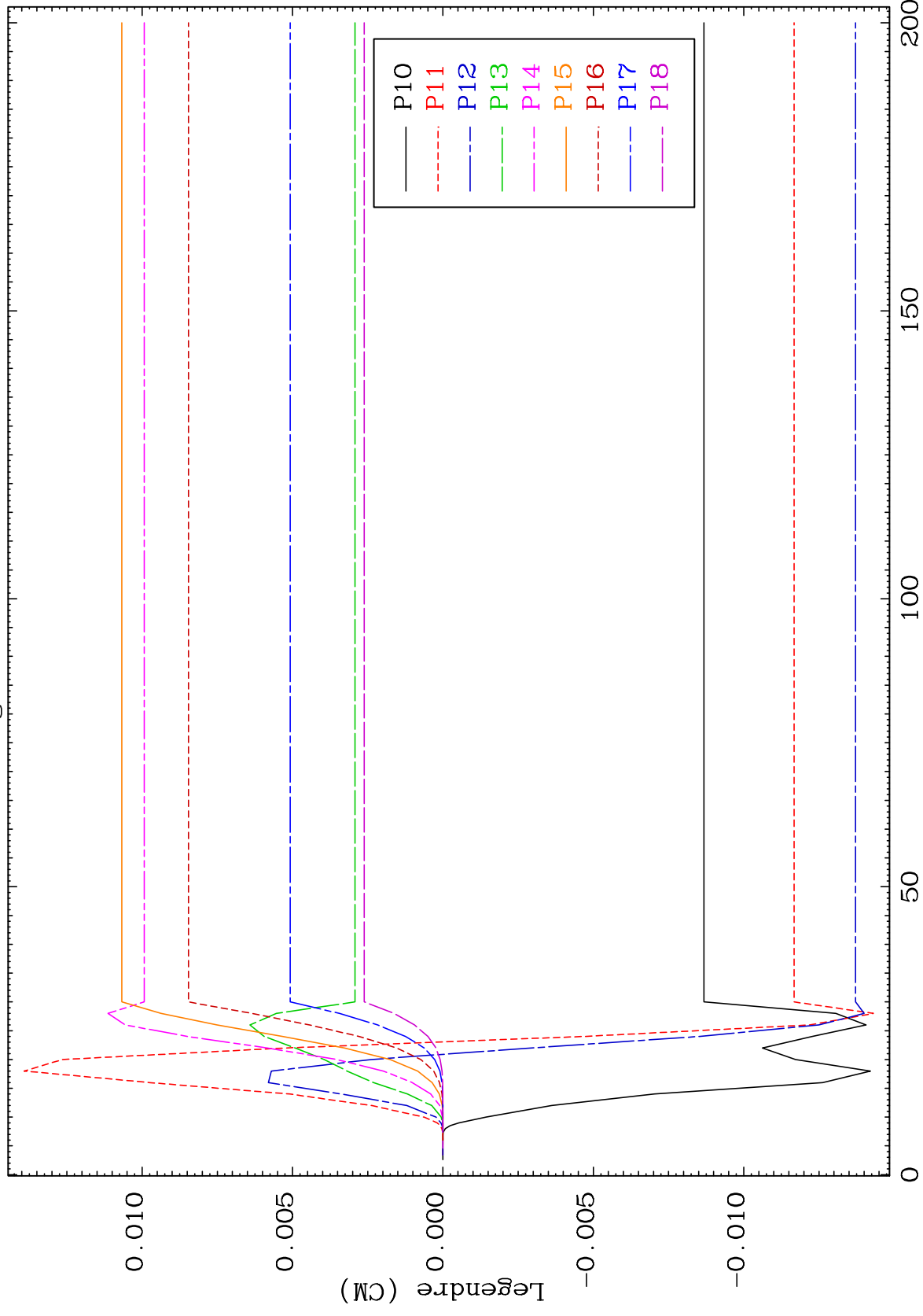




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1.273 MeV (n,n') Level  
Legendre Coefficients

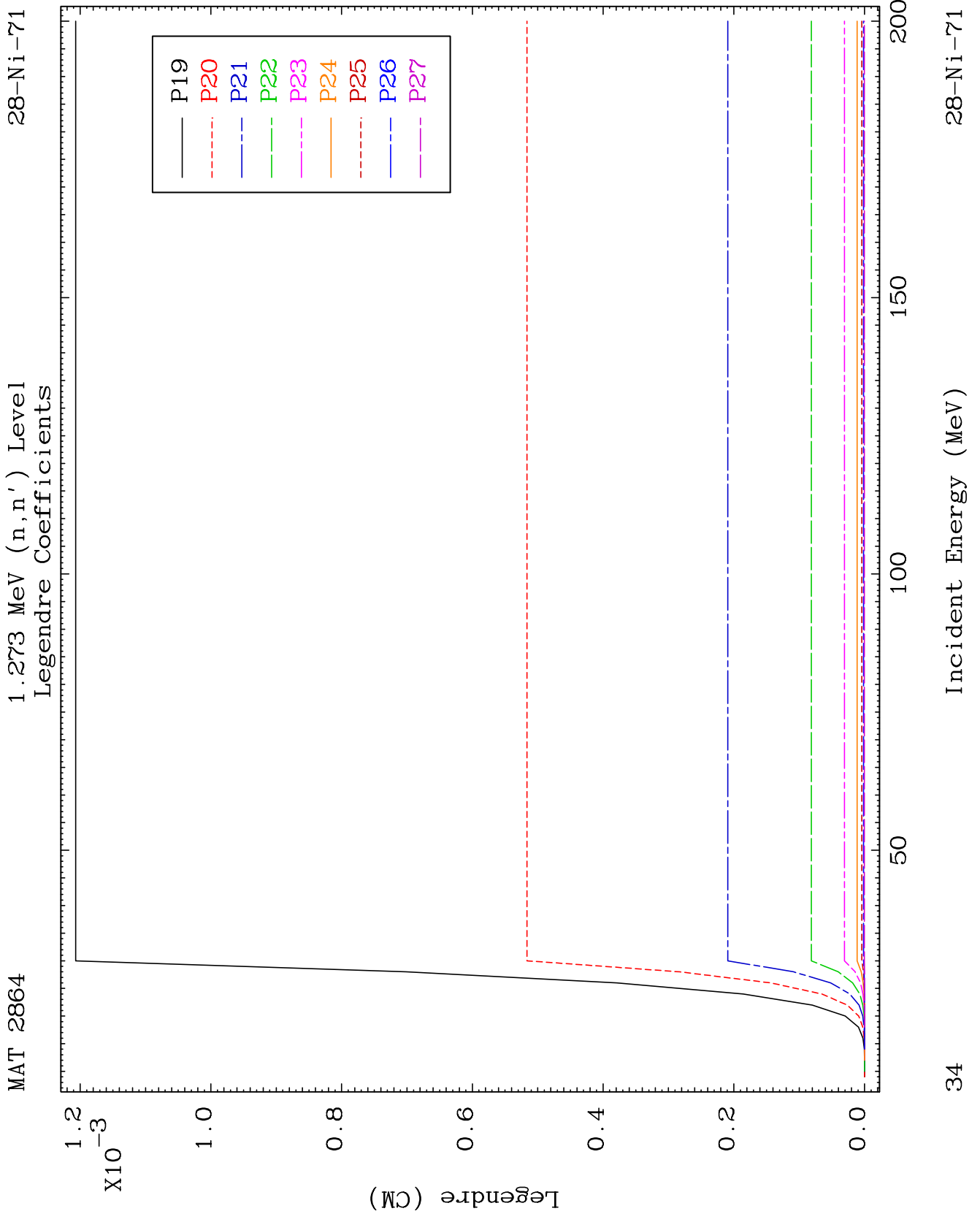
28-Ni-71

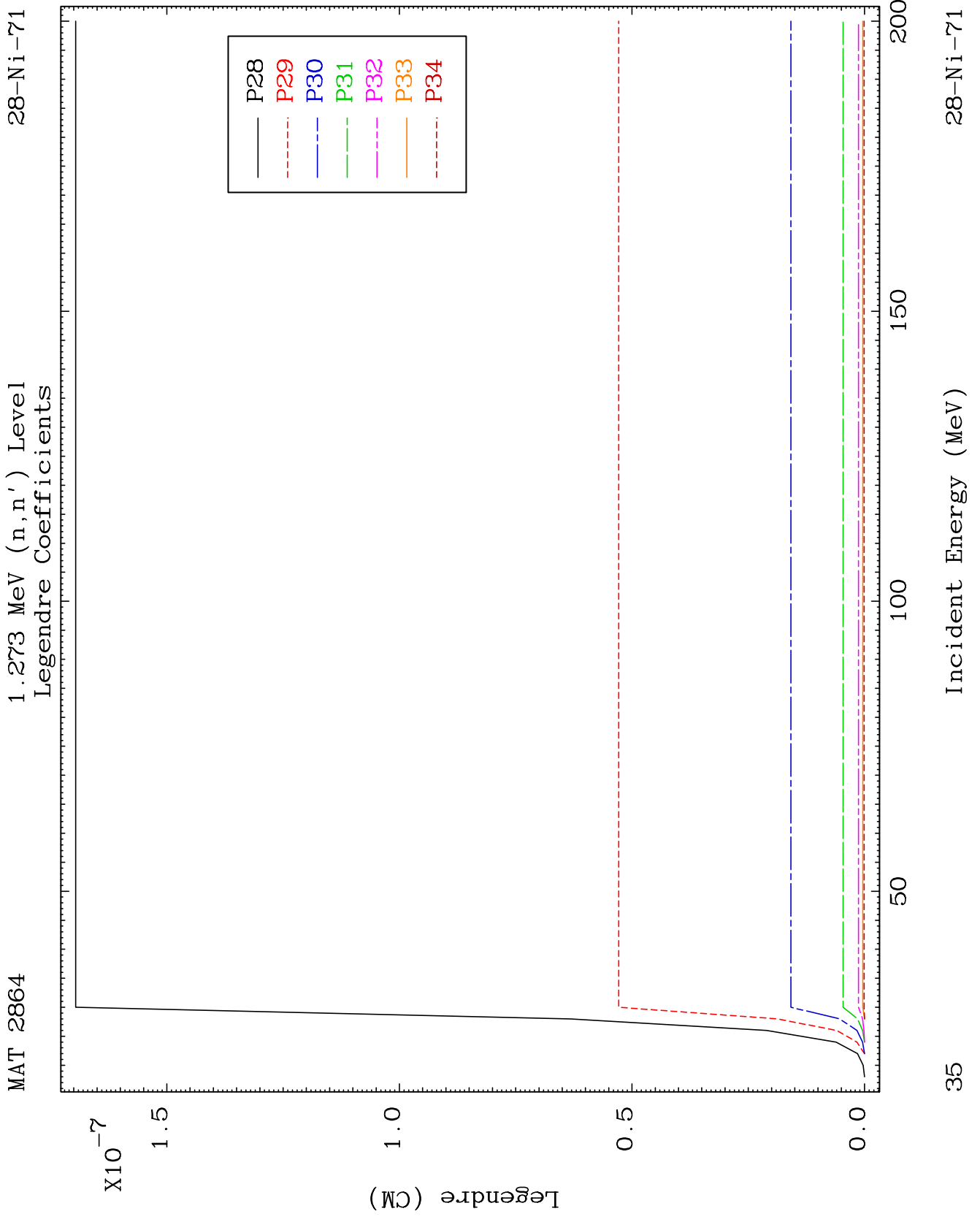


33

Incident Energy (MeV)

28-Ni-71

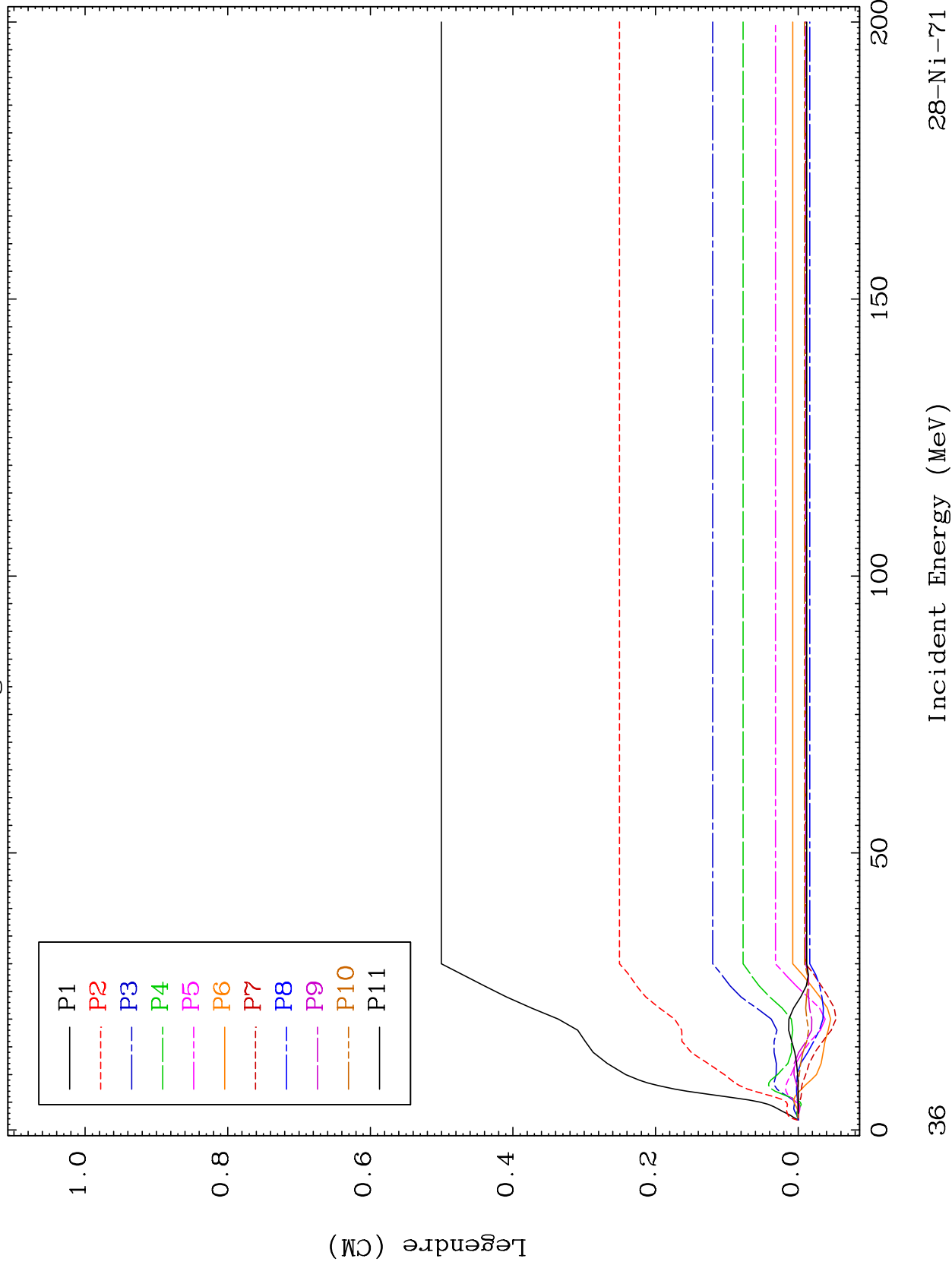




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1.750 MeV (n,n') Level  
Legendre Coefficients

28-Ni-71



28-Ni-71

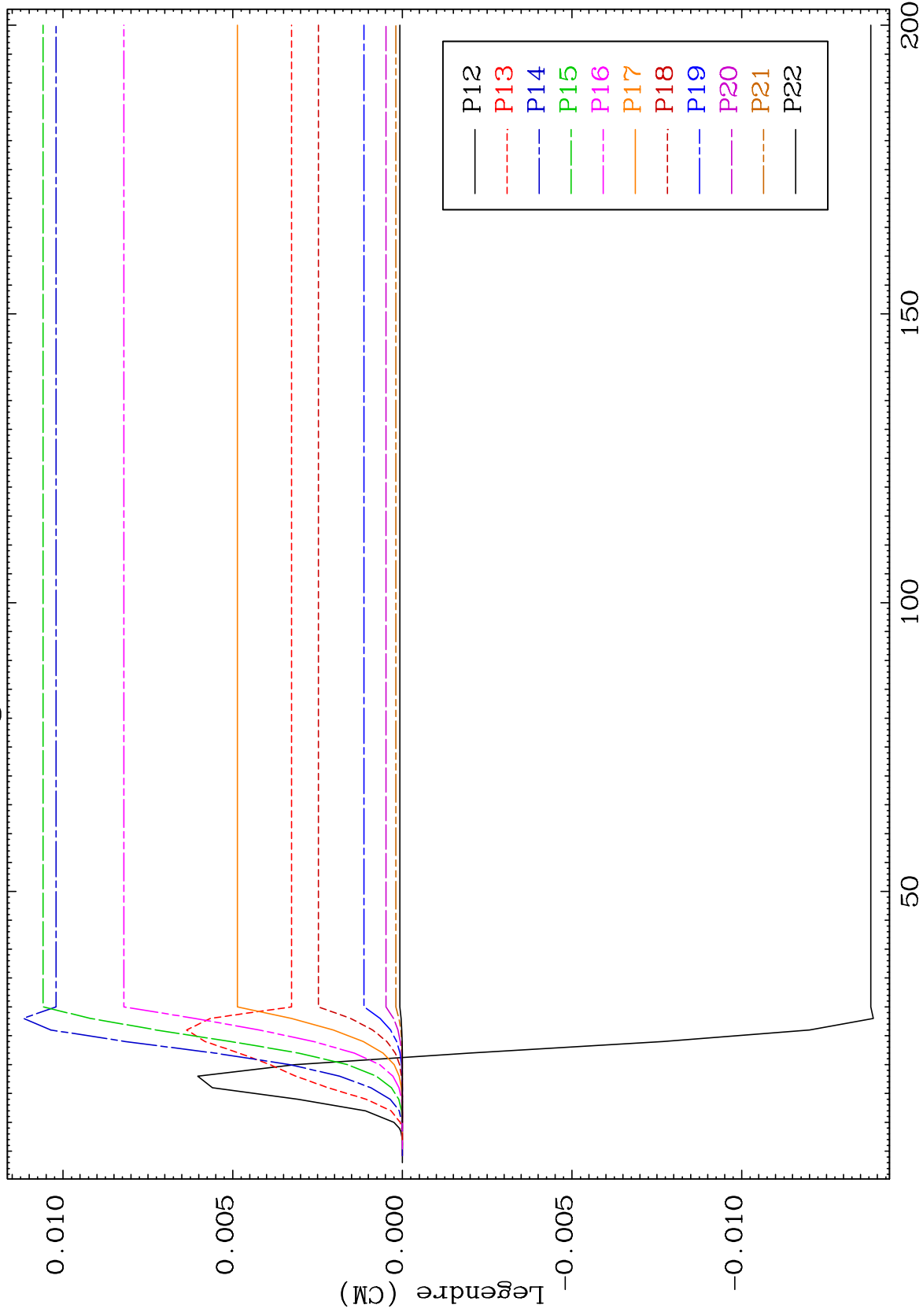
Incident Energy (MeV)

36

MAT 2864

1.750 MeV (n,n') Level  
Legendre Coefficients

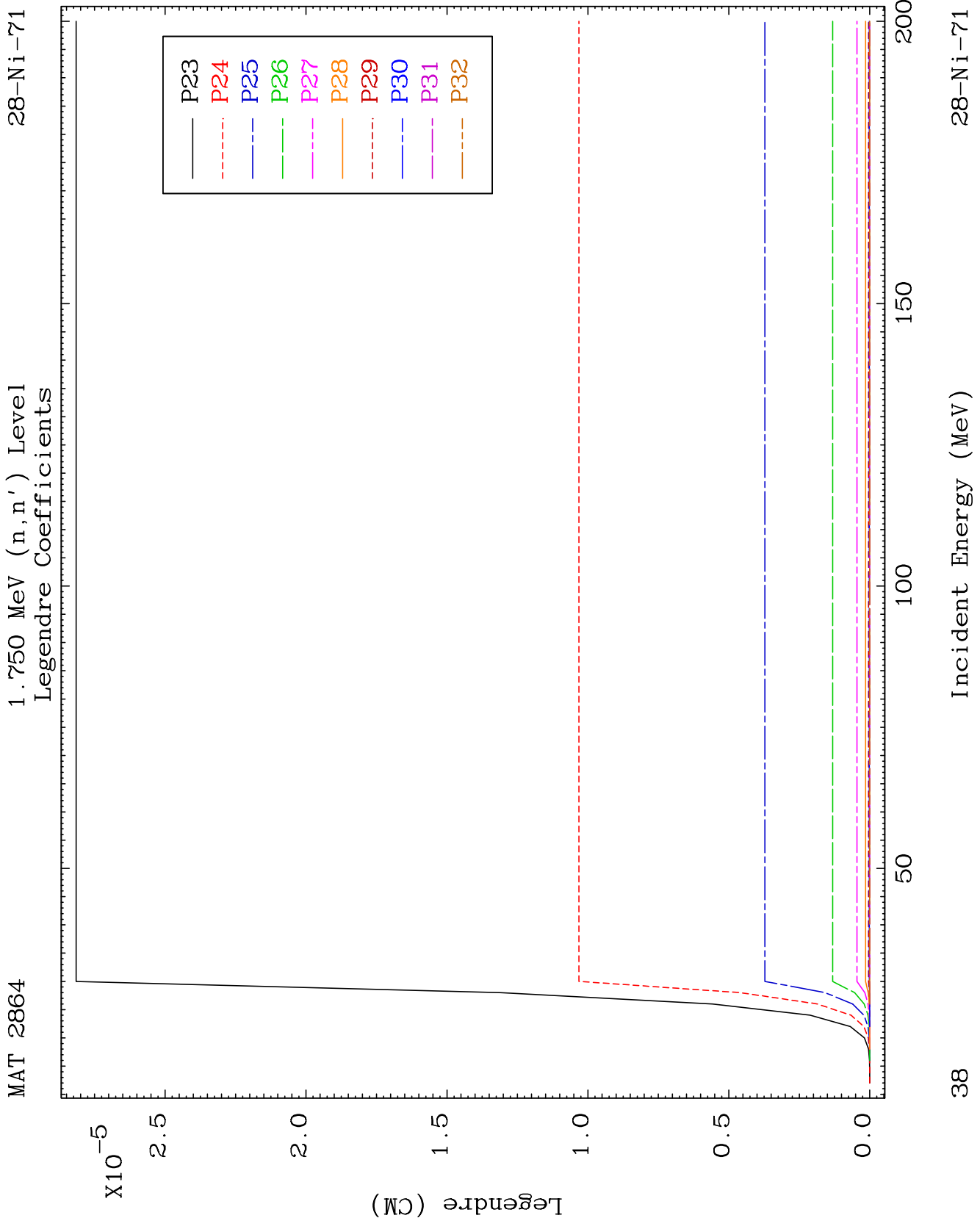
28-Ni-71



37

Incident Energy (MeV)

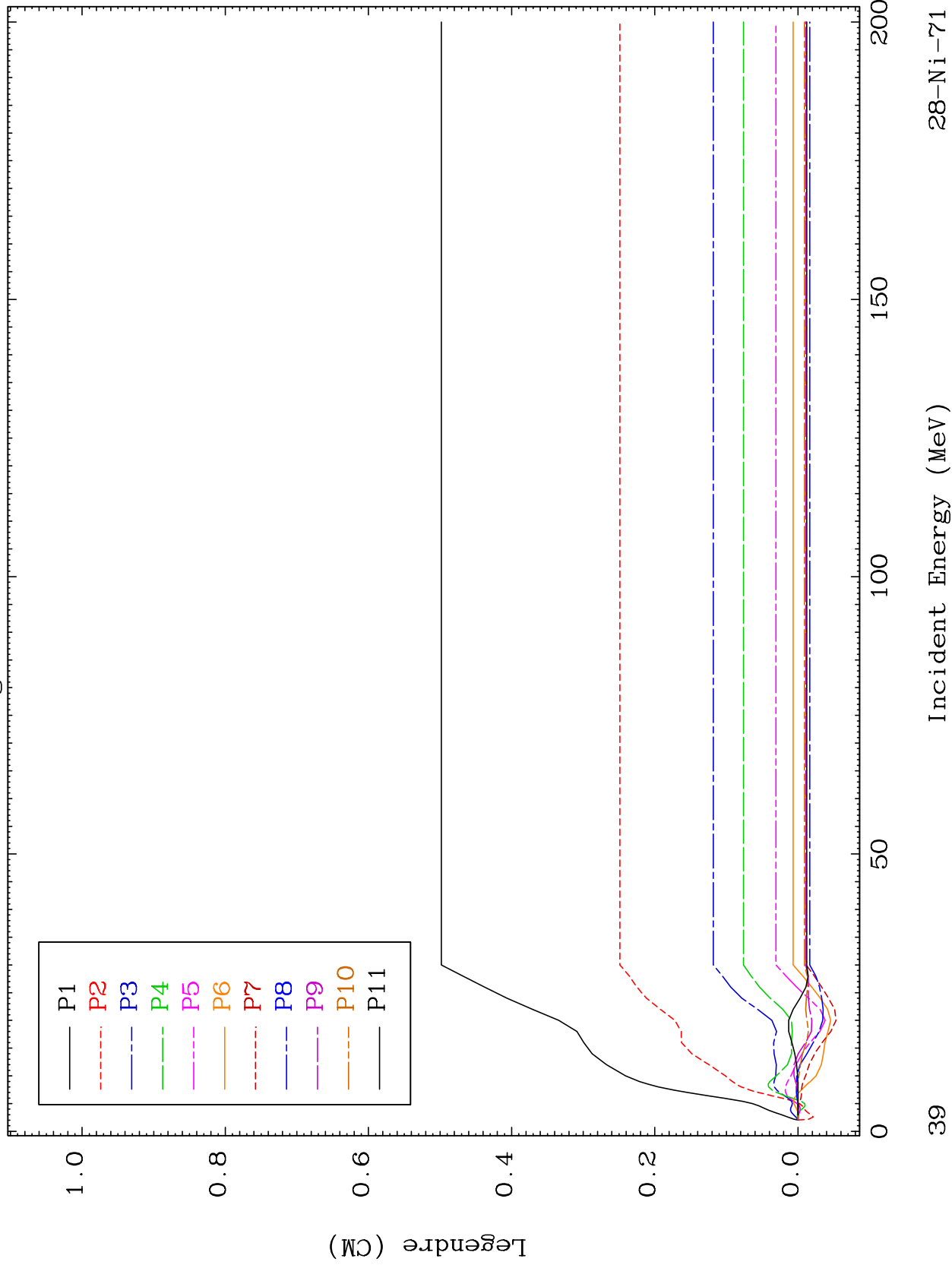
28-Ni-71



MAT 2864

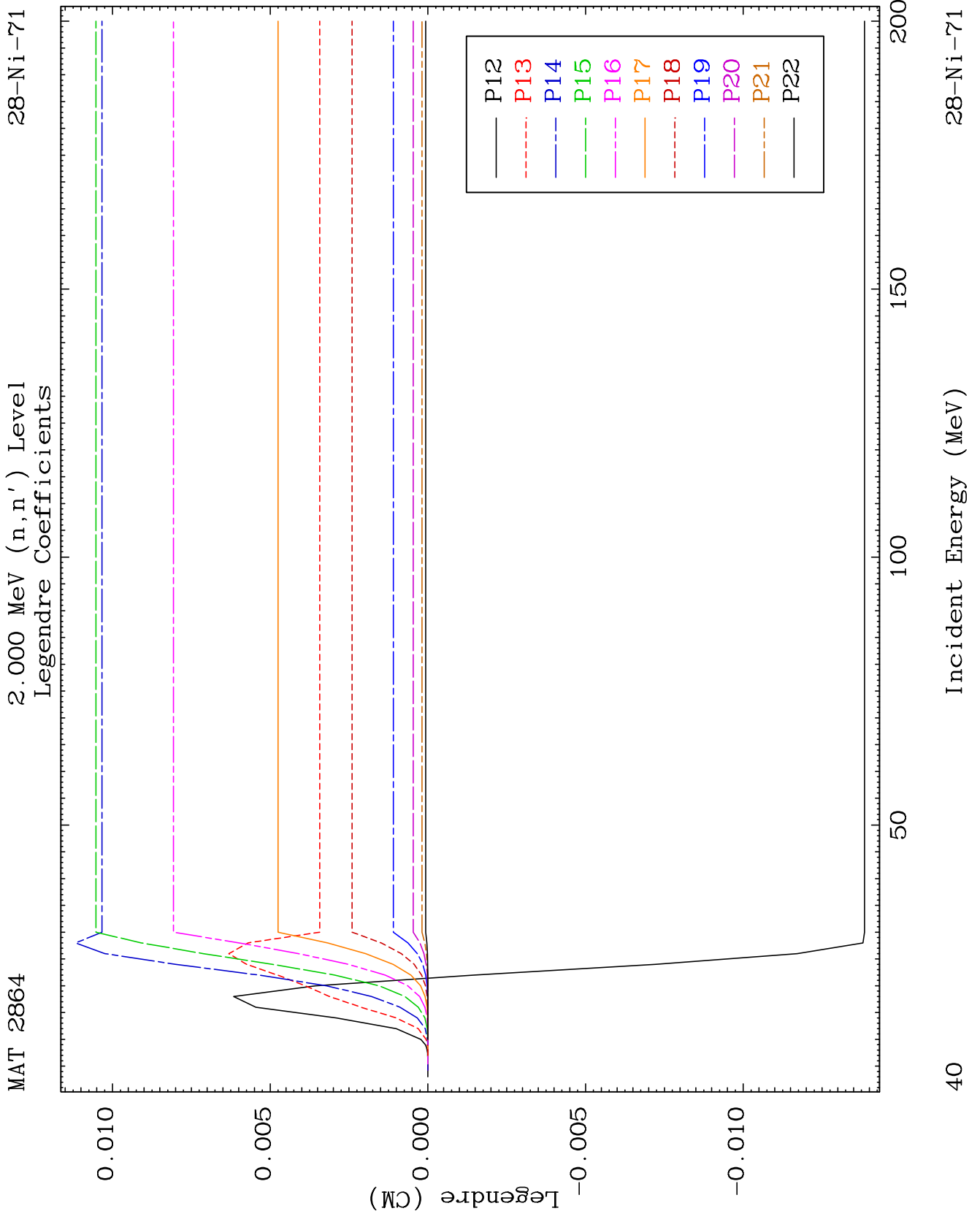
2.000 MeV (n,n') Level  
Legendre Coefficients

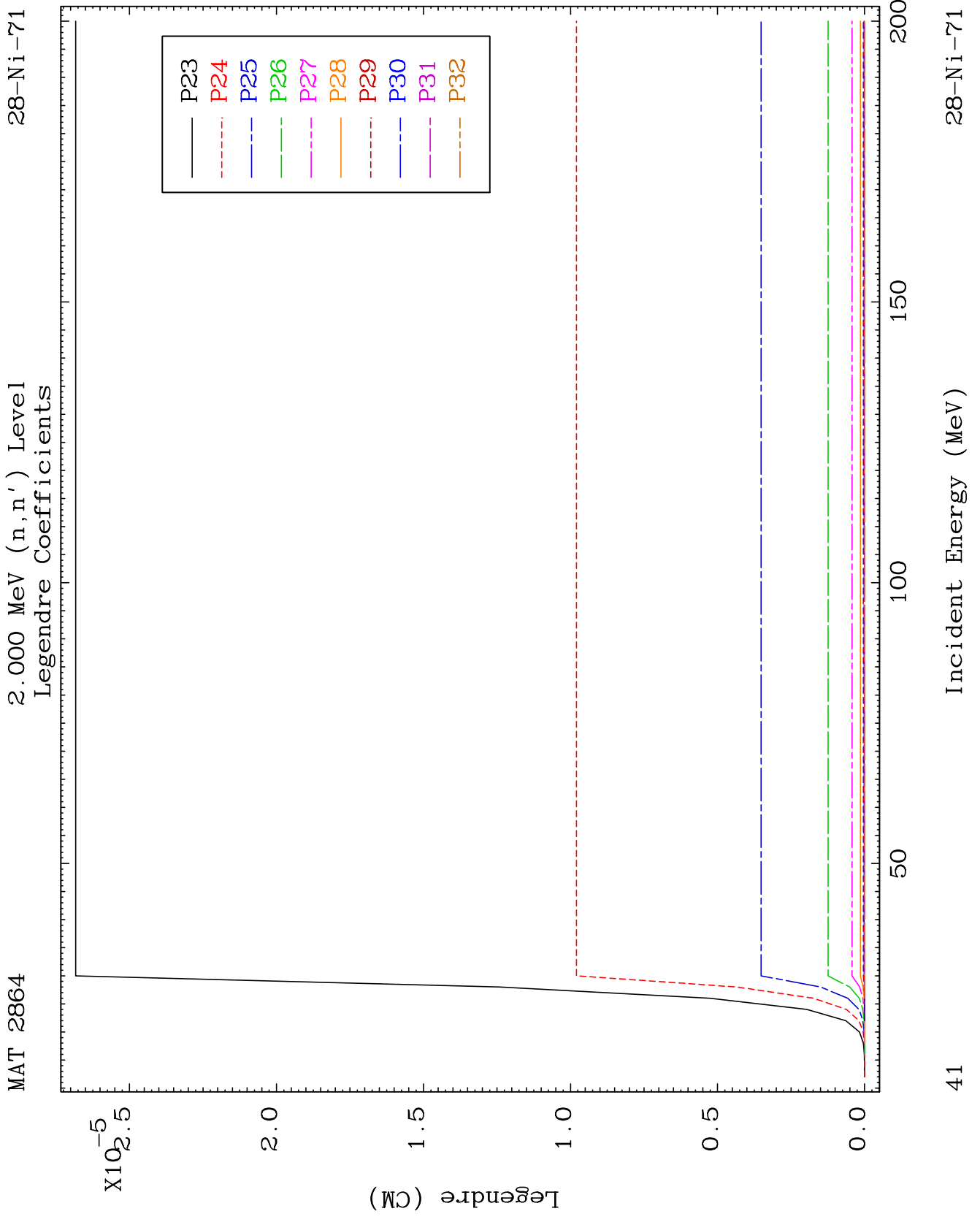
28-Ni-71



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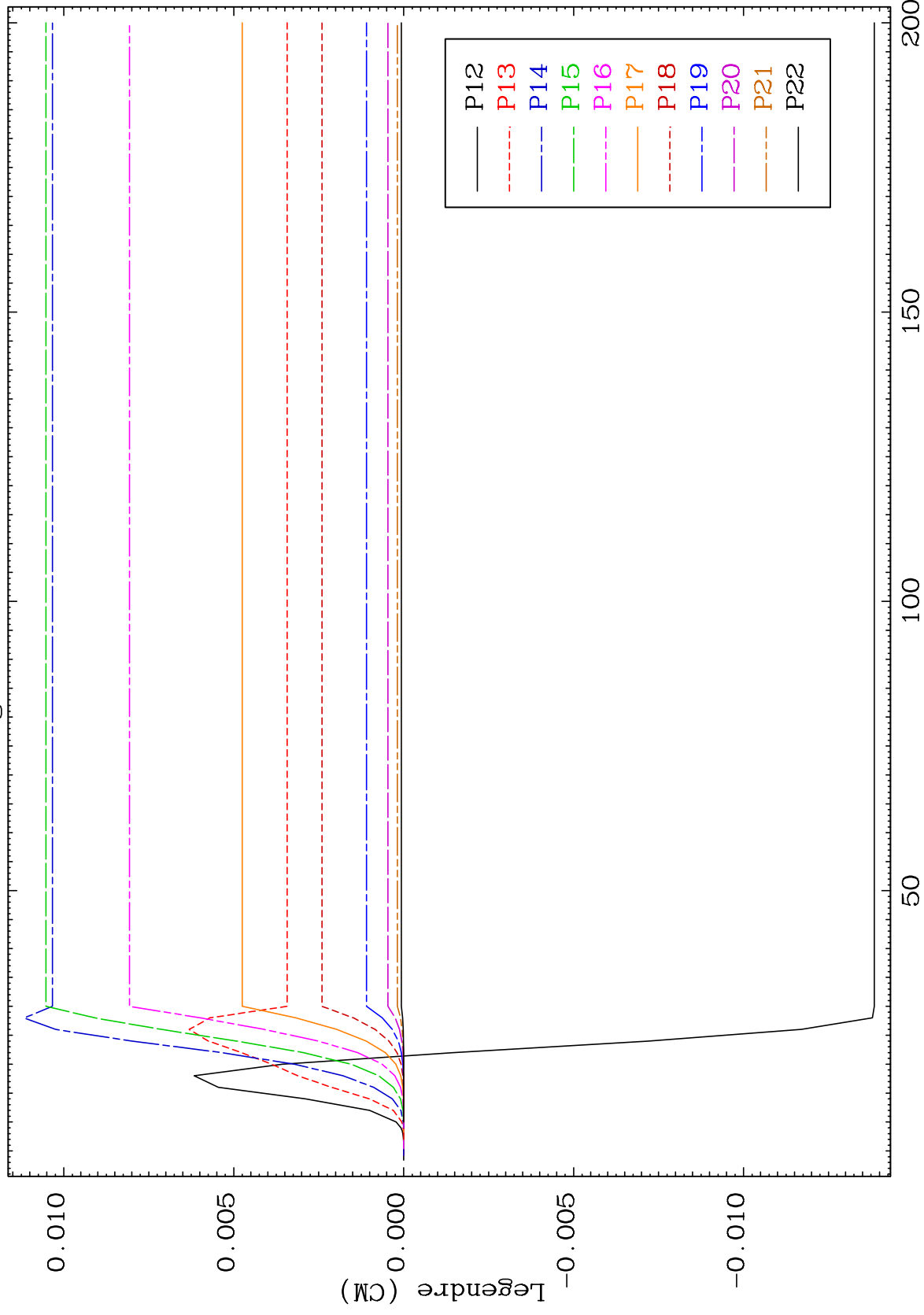




MAT 2864

2.004 MeV (n,n') Level  
Legendre Coefficients

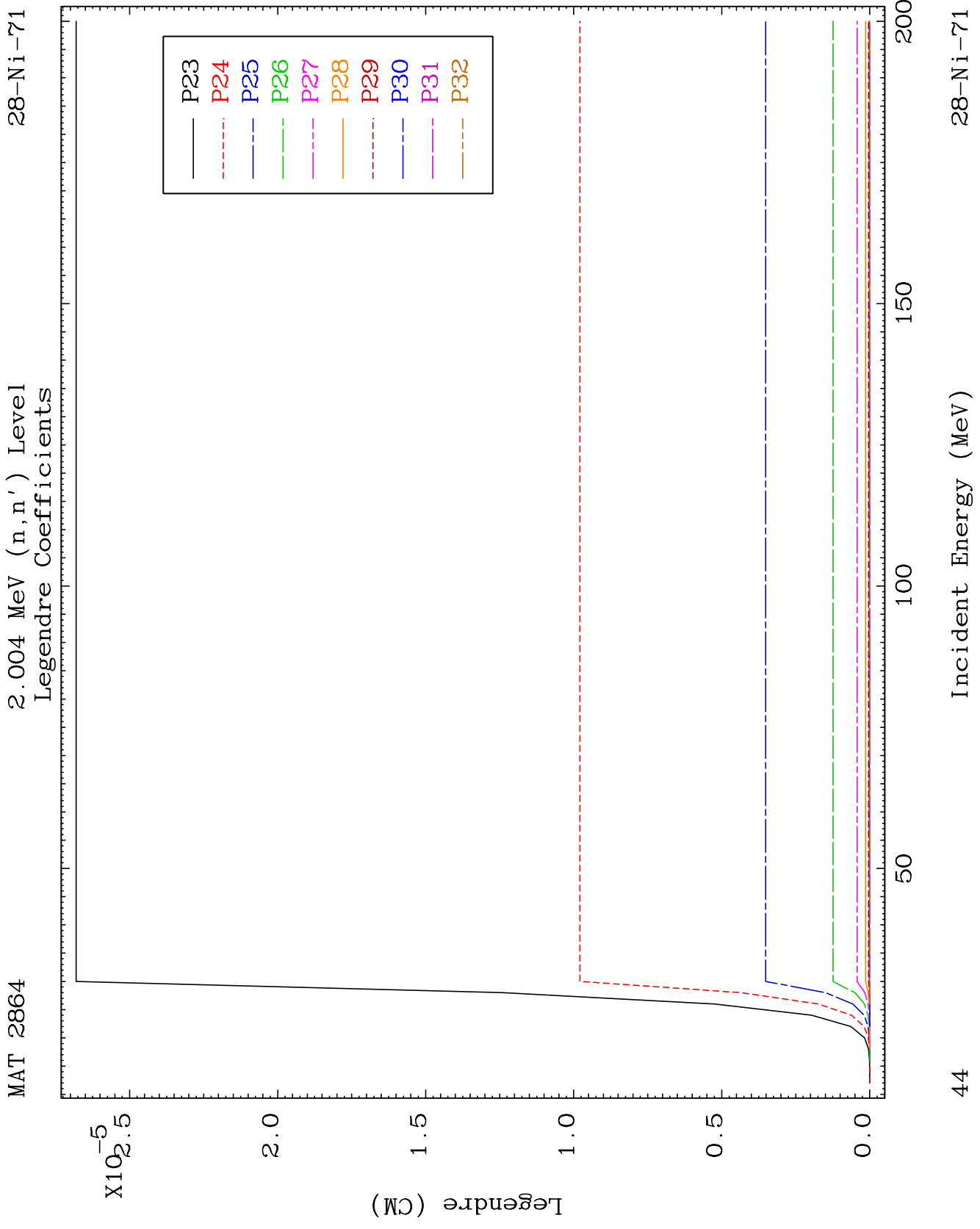
28-Ni-71



43

Incident Energy (MeV)

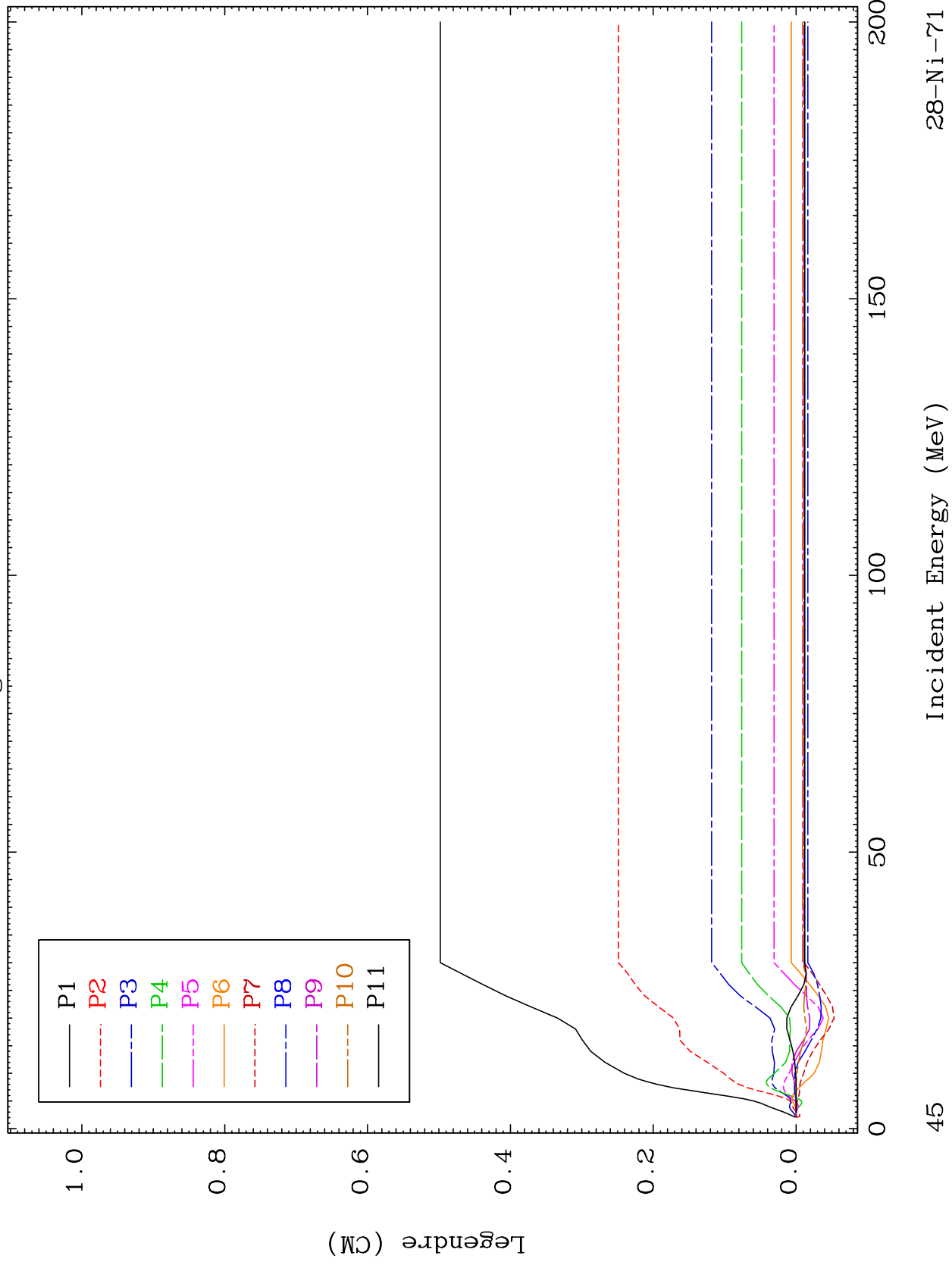
28-Ni-71



MAT 2864

2.007 MeV (n,n') Level  
Legendre Coefficients

28-Ni-71



28-Ni-71

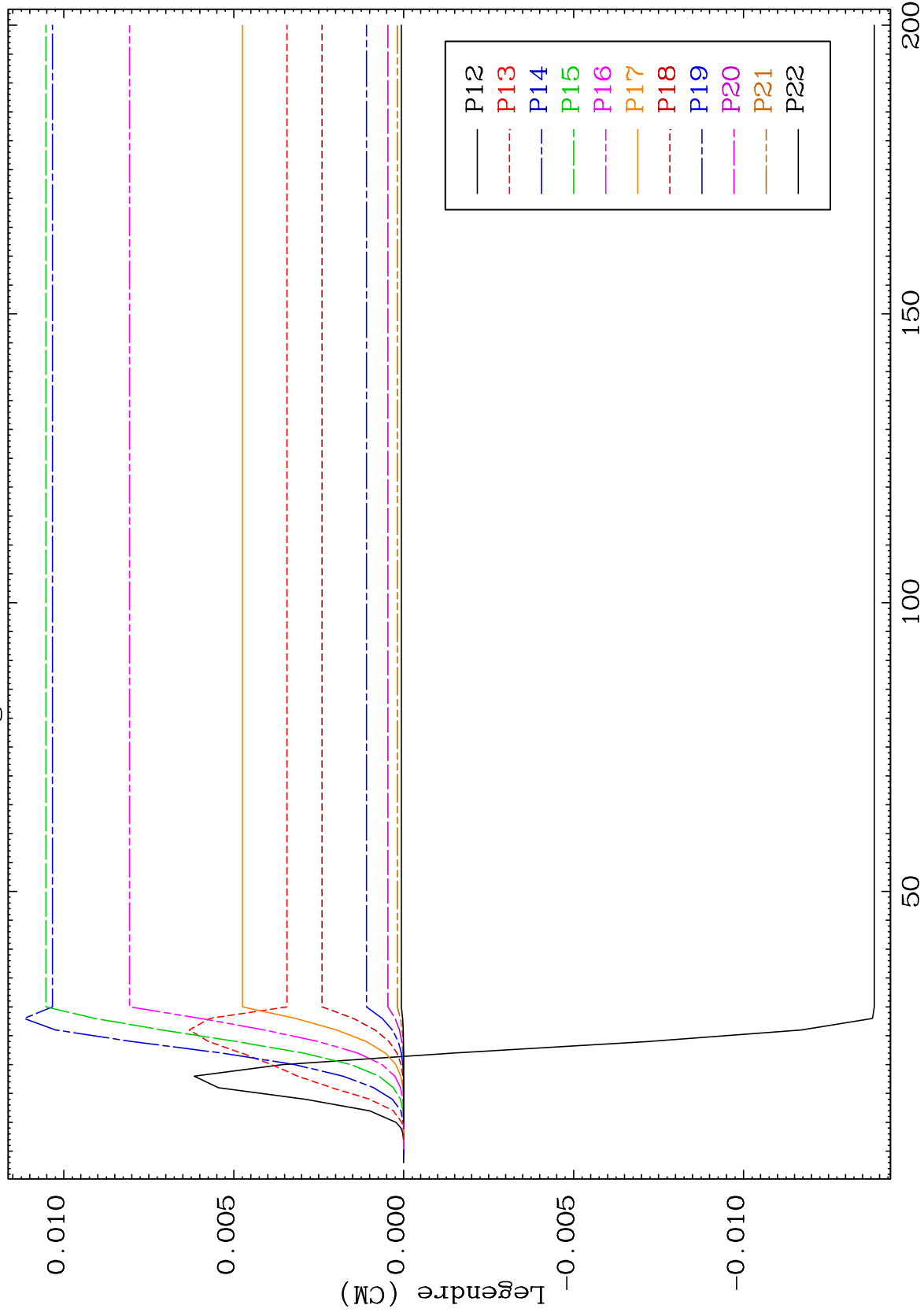
Incident Energy (MeV)

45

MAT 2864

2.007 MeV (n,n') Level  
Legendre Coefficients

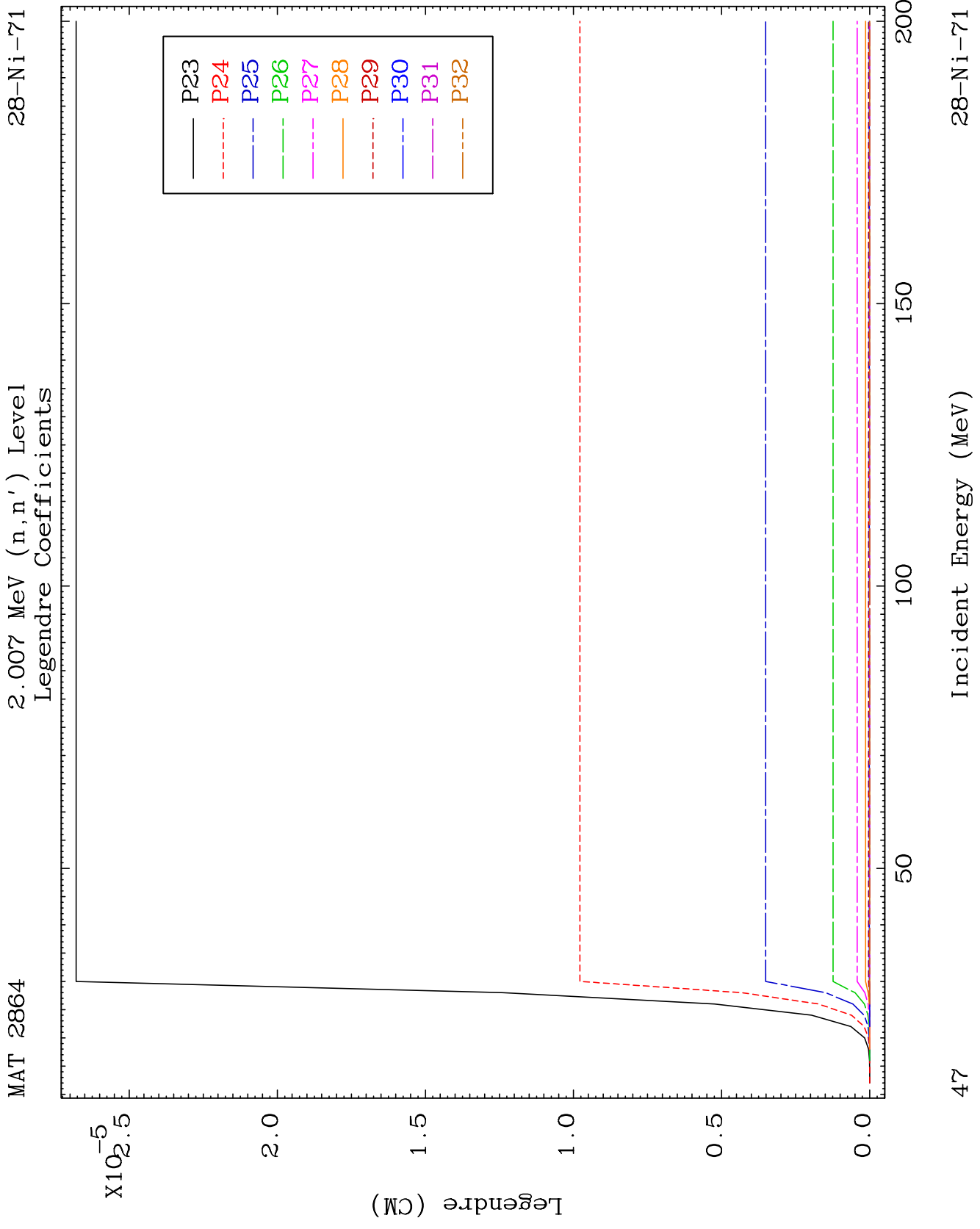
28-Ni-71



46

Incident Energy (MeV)

28-Ni-71



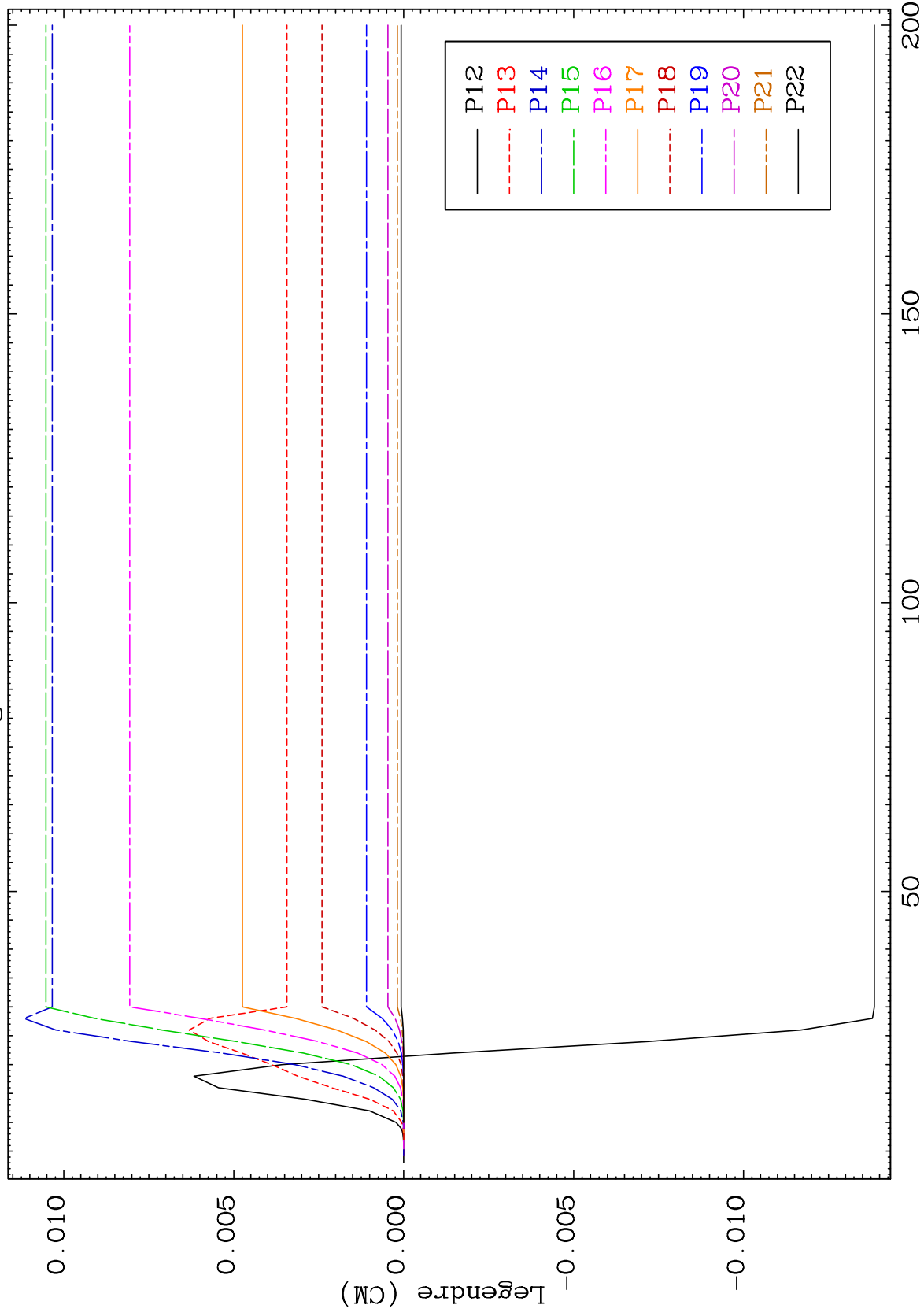




MAT 2864

2.013 MeV (n,n') Level  
Legendre Coefficients

28-Ni-71



49

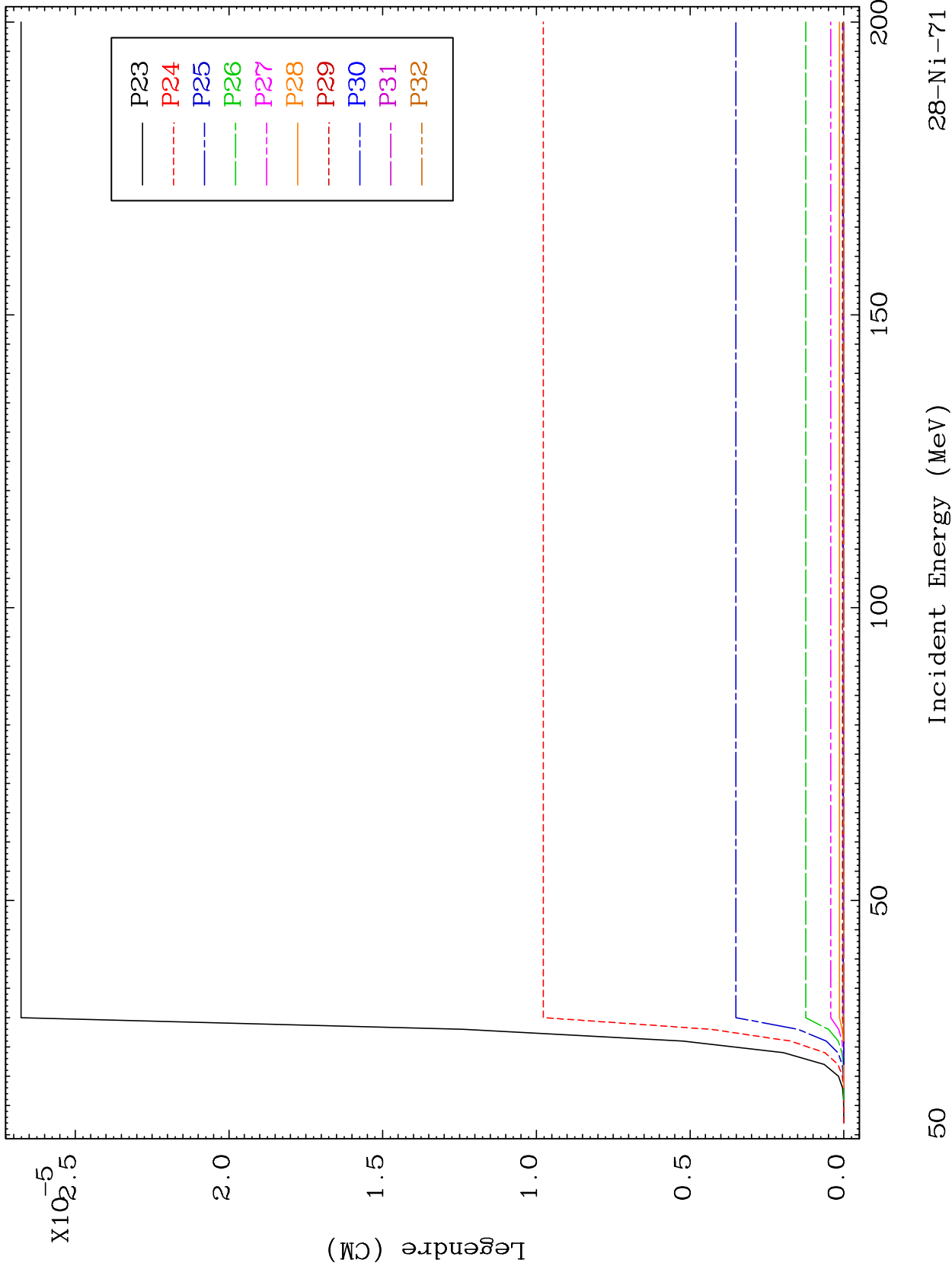
Incident Energy (MeV)

28-Ni-71

MAT 2864

2.013 MeV (n,n') Level  
Legendre Coefficients

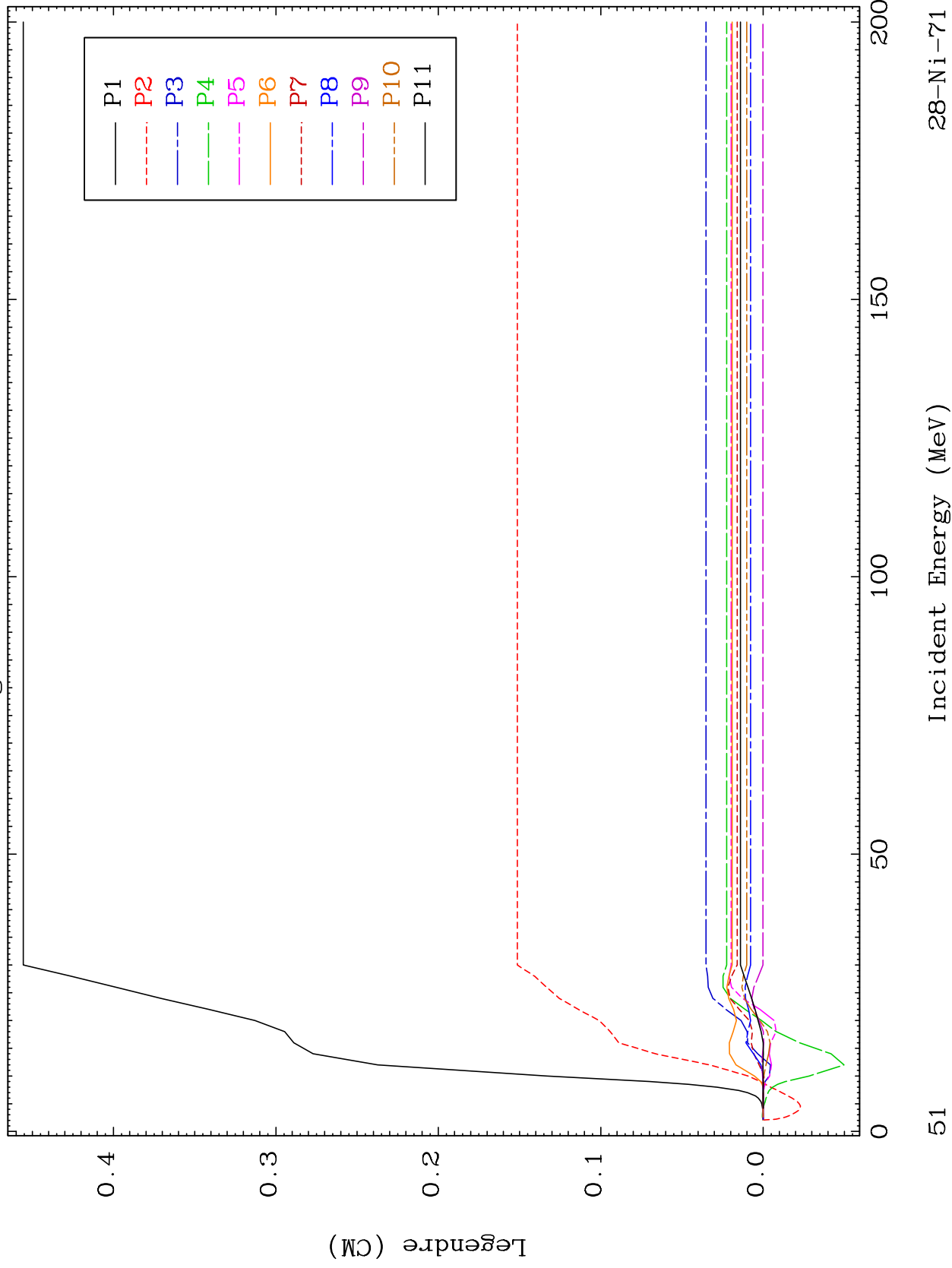
28-Ni-71



MAT 2864

2.023 MeV (n,n') Level  
Legendre Coefficients

28-Ni-71



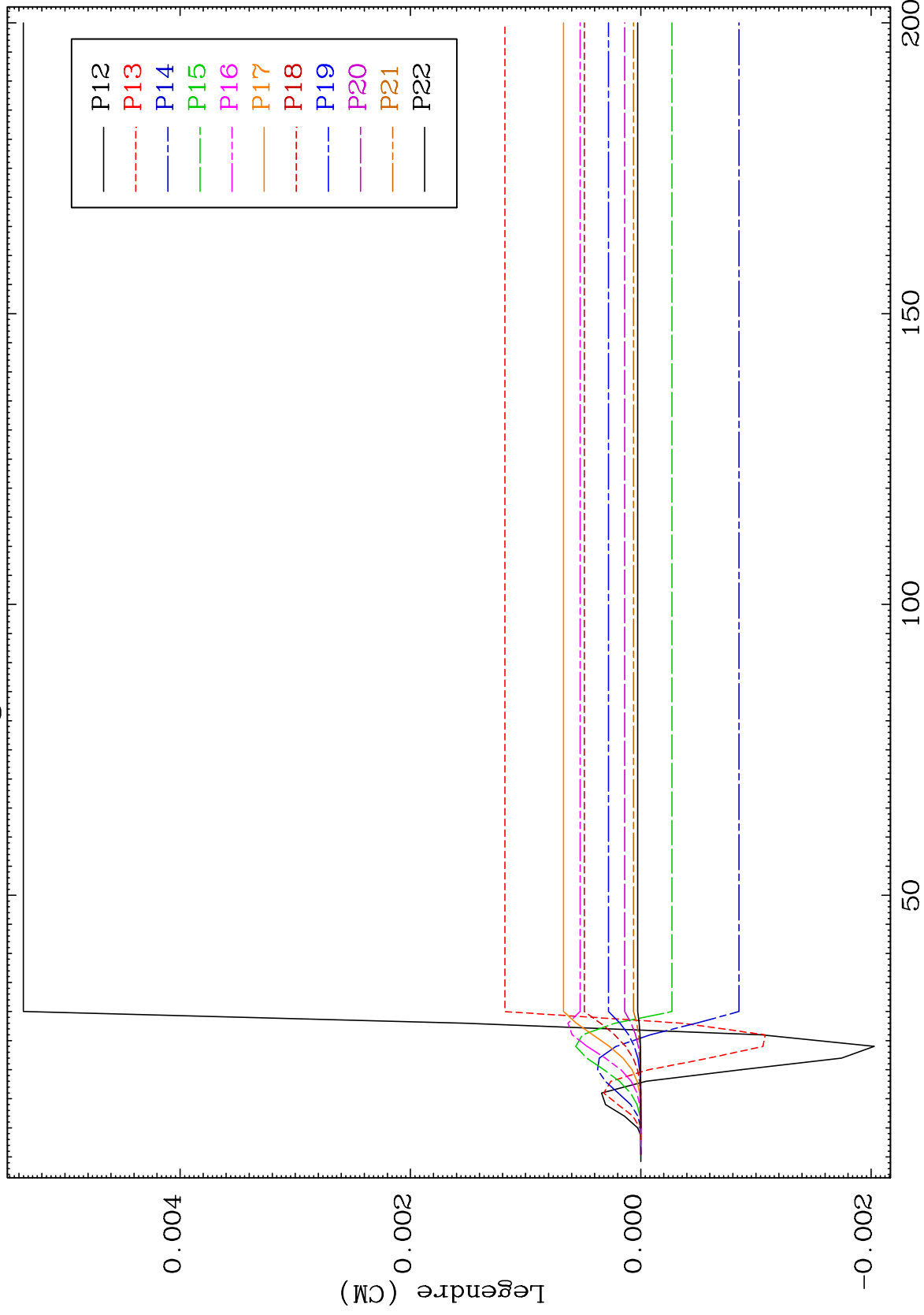
51

28-Ni-71

MAT 2864

2.023 MeV (n,n') Level  
Legendre Coefficients

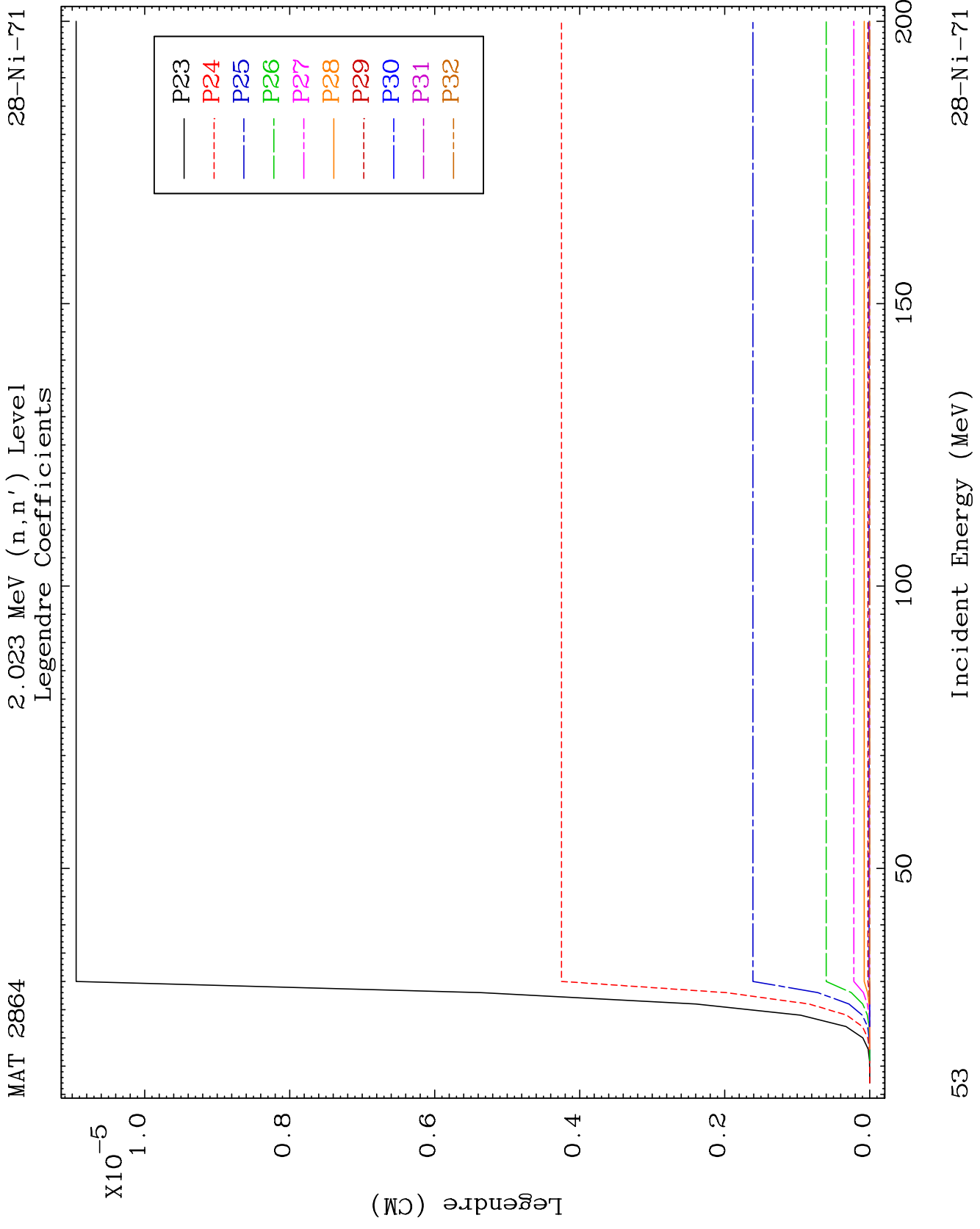
28-Ni-71



52

Incident Energy (MeV)

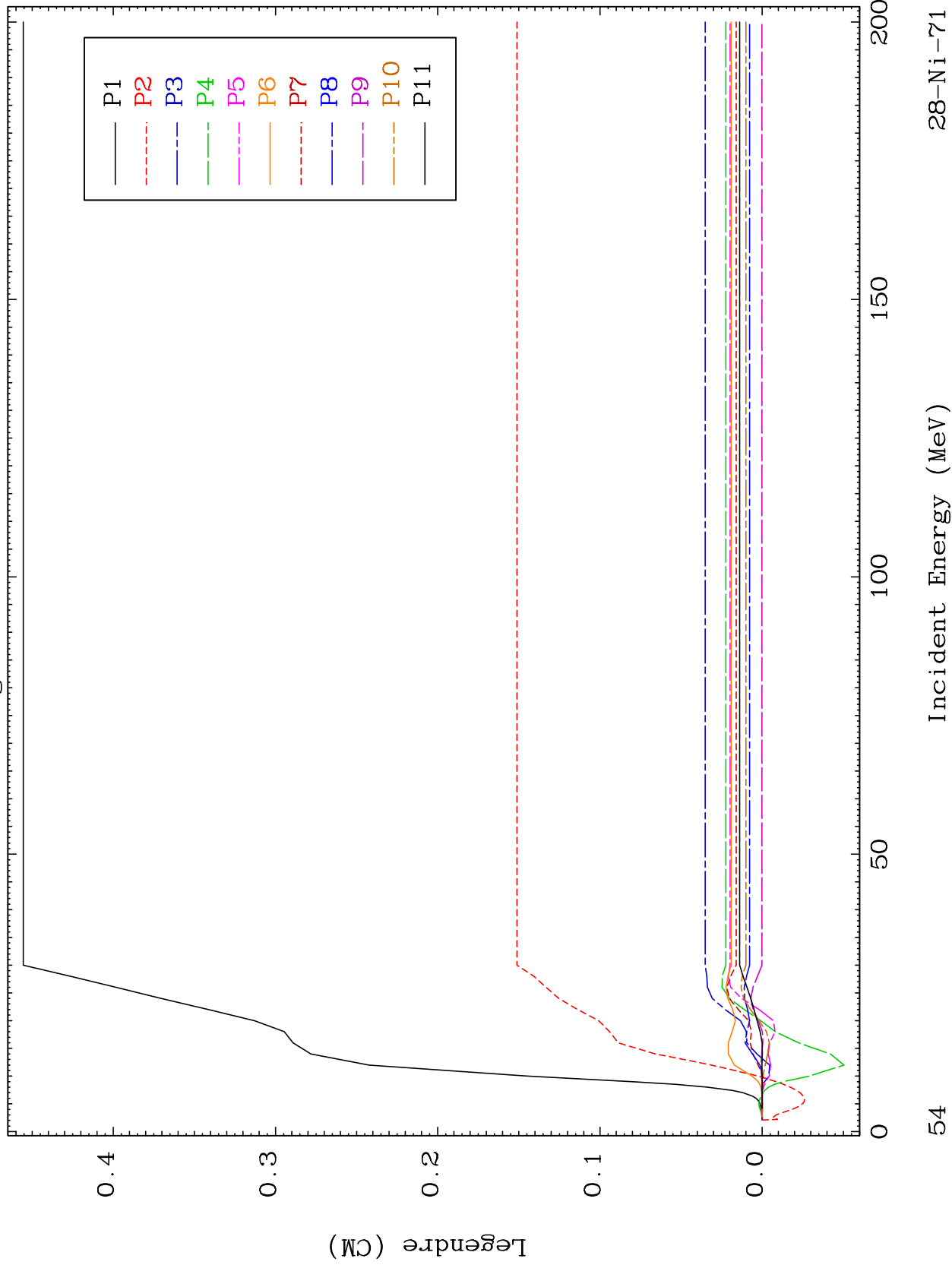
28-Ni-71



MAT 2864

2.041 MeV (n,n') Level  
Legendre Coefficients

28-Ni-71



28-Ni-71

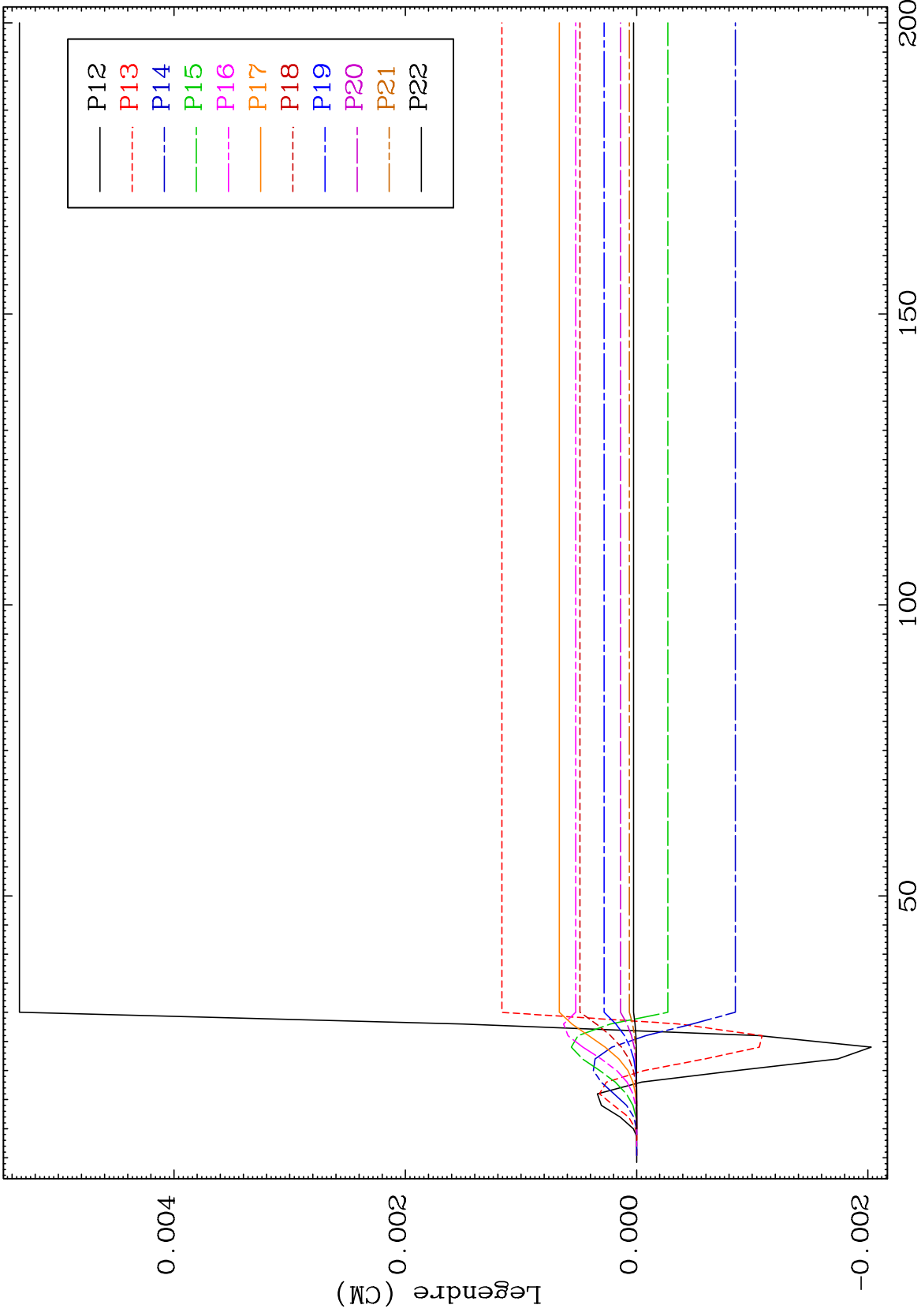
Incident Energy (MeV)

54

MAT 2864

2.041 MeV (n,n') Level  
Legendre Coefficients

28-Ni-71

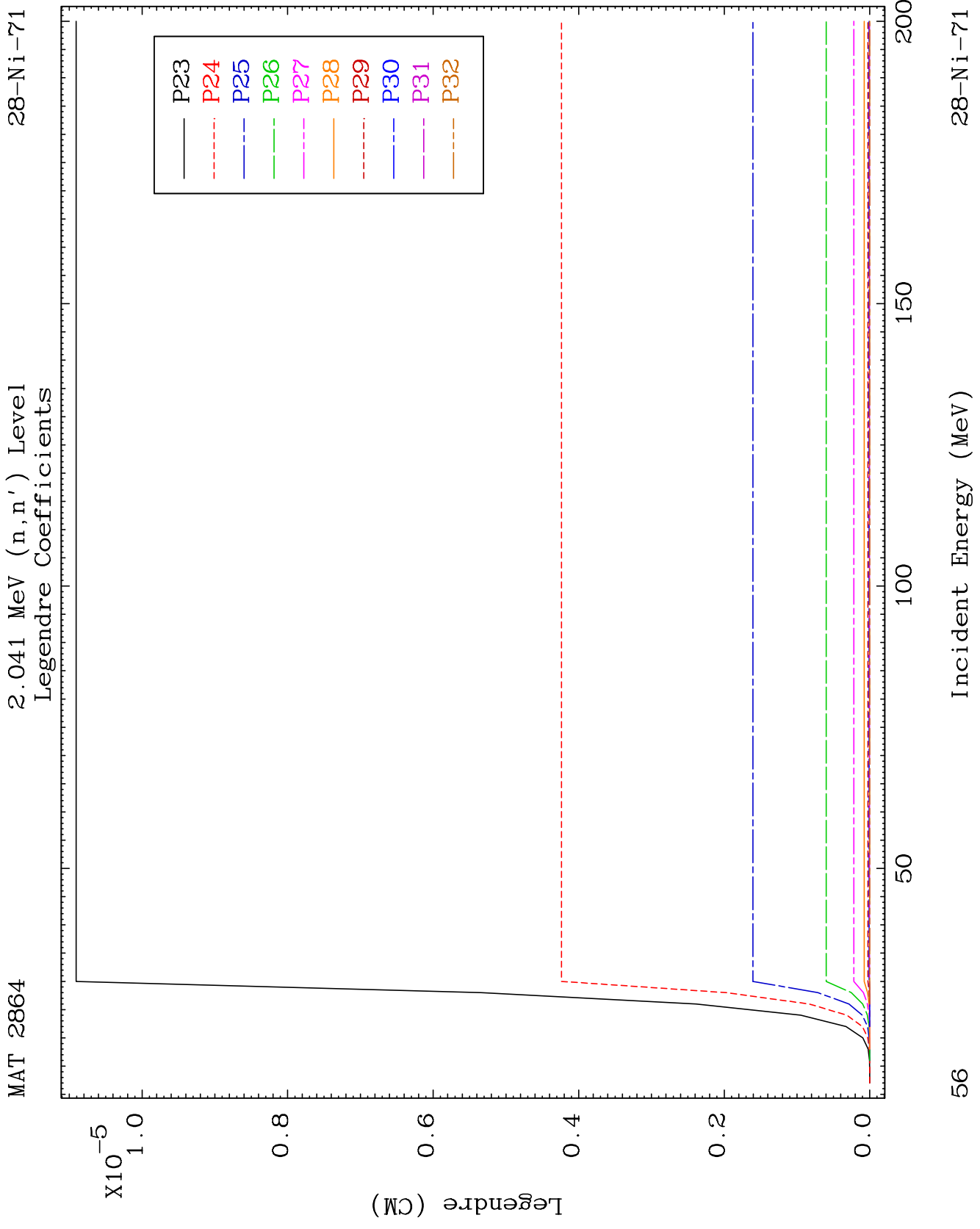


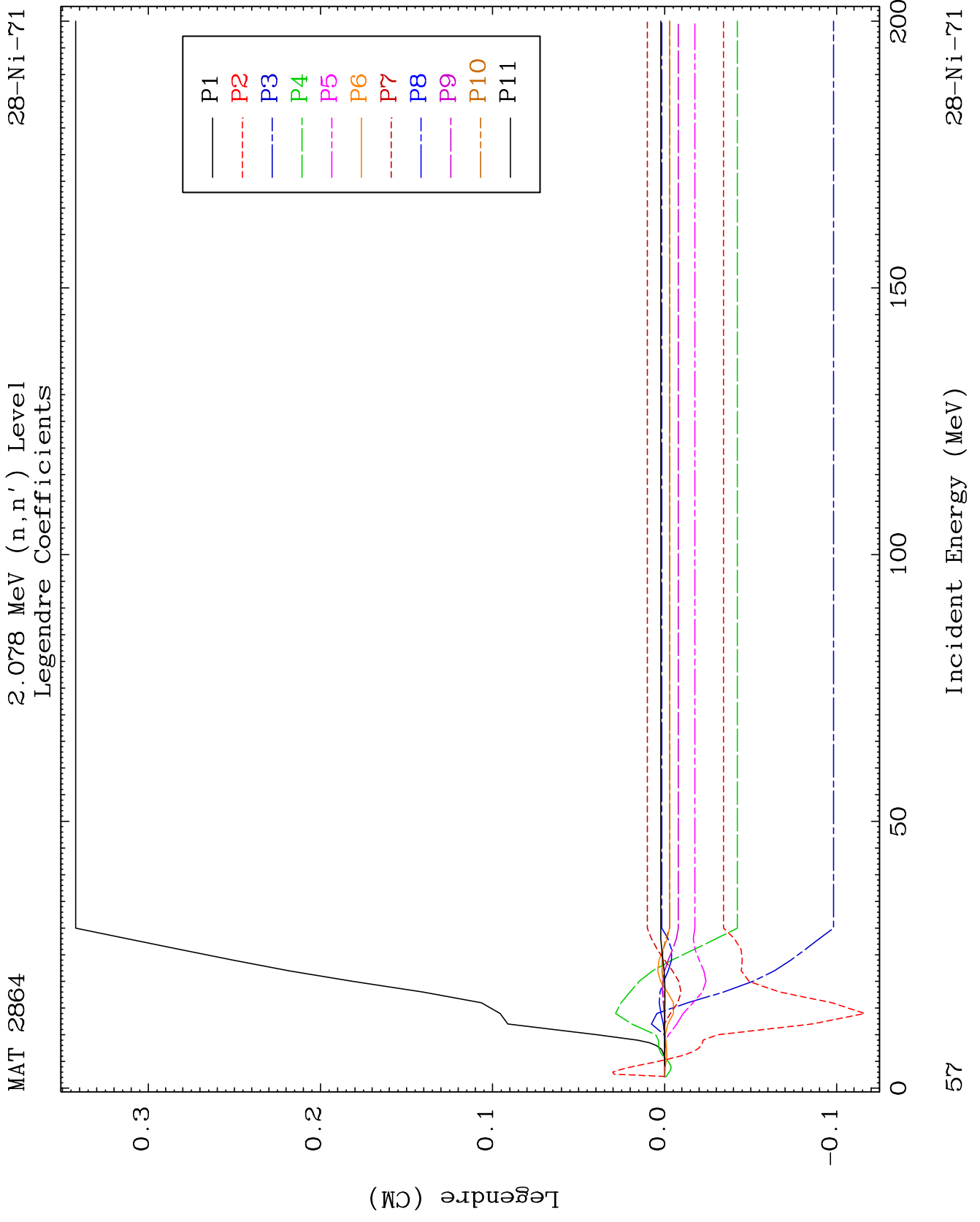
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Incident Energy (MeV)

28-Ni-71



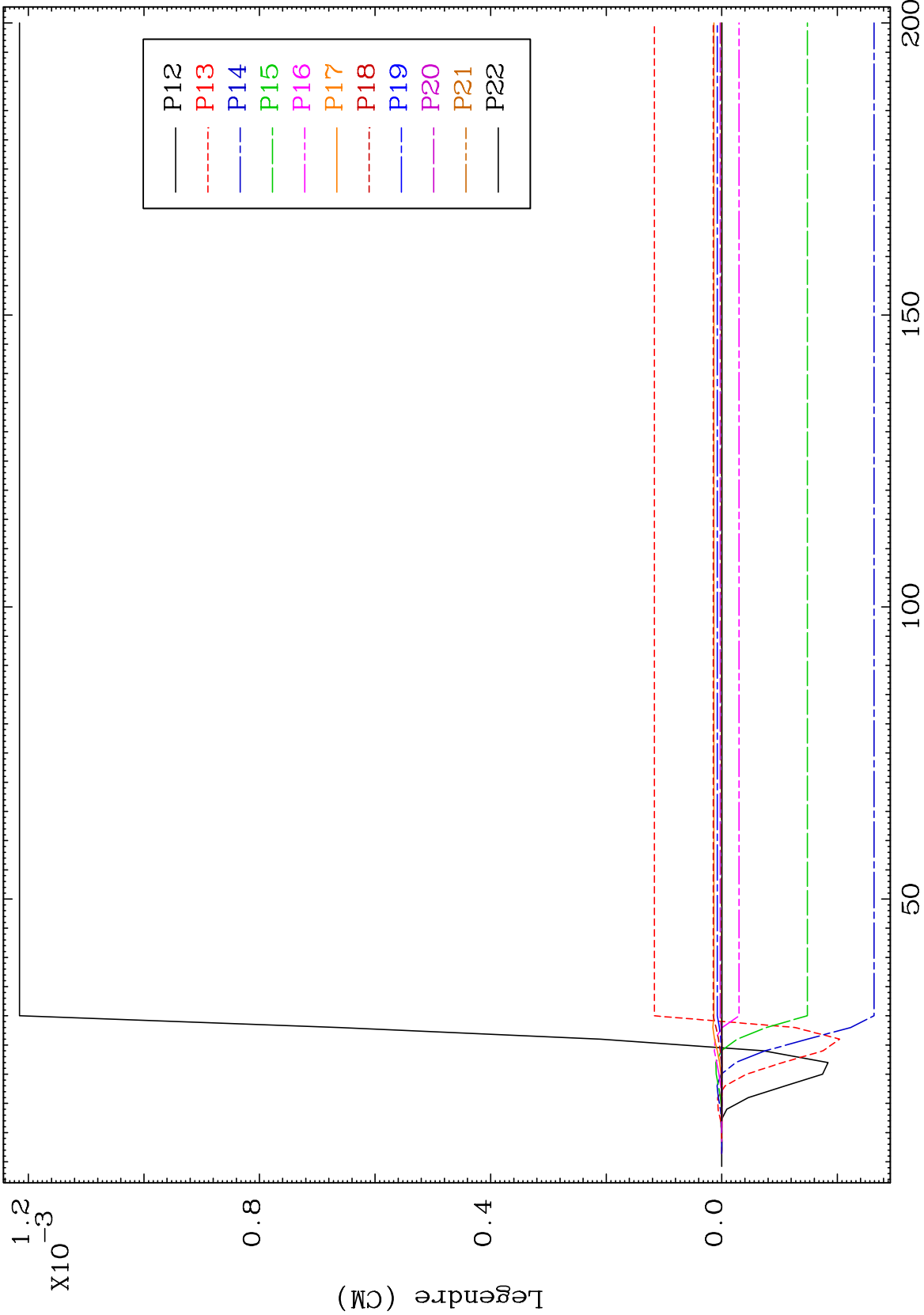




MAT 2864

2.078 MeV (n,n') Level  
Legendre Coefficients

28-Ni-71



58

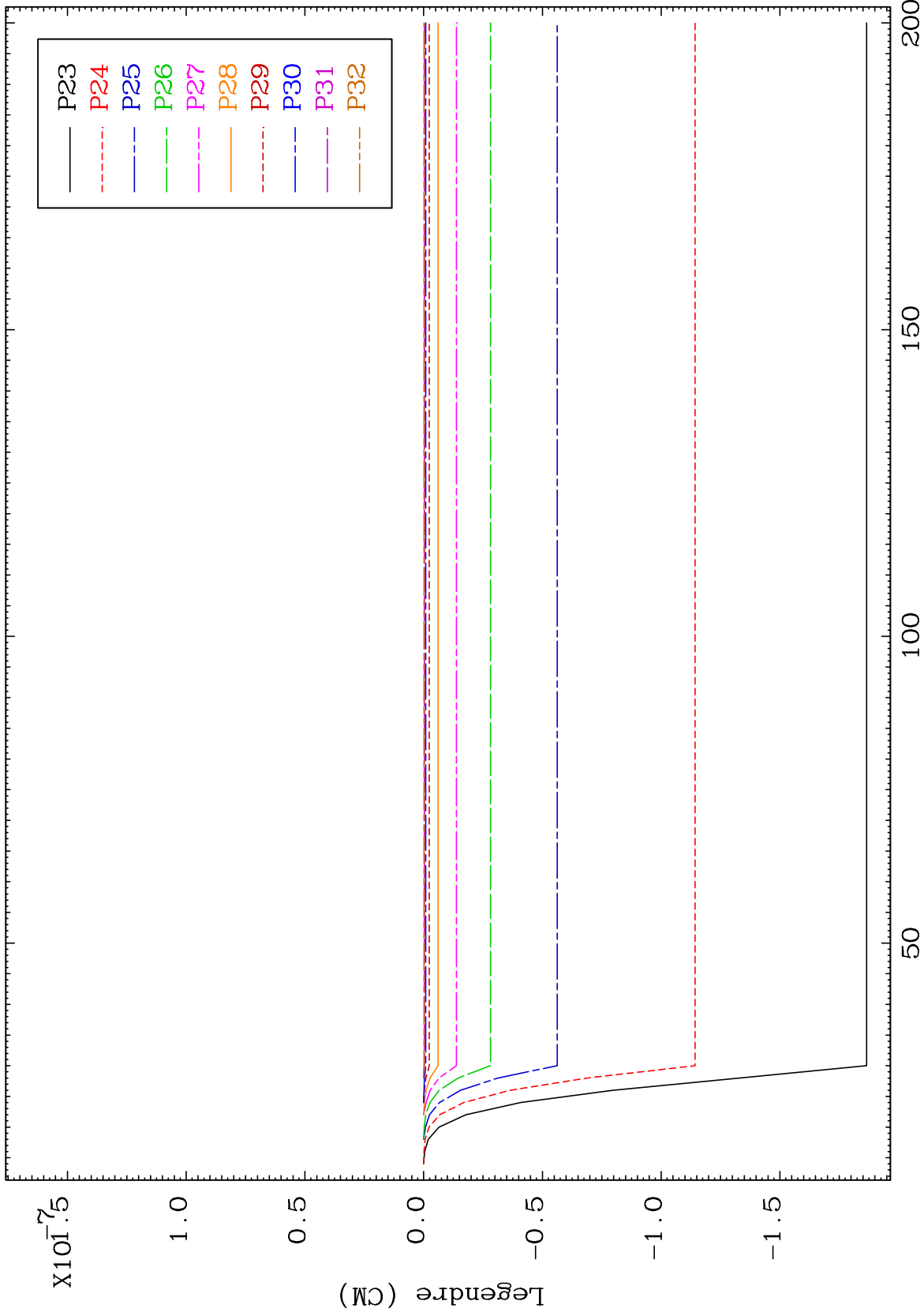
Incident Energy (MeV)

28-Ni-71

MAT 2864

2.078 MeV (n,n') Level  
Legendre Coefficients

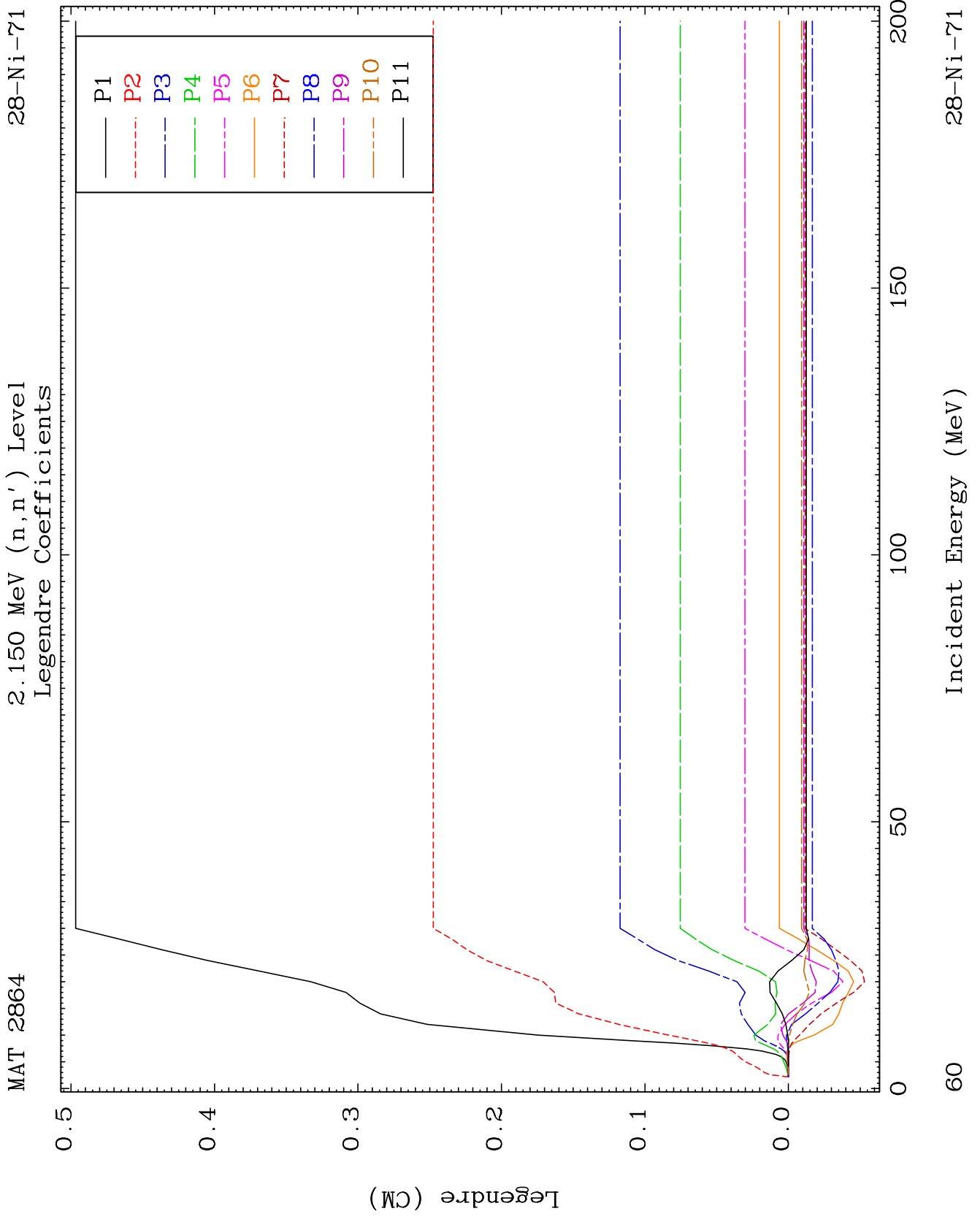
28-Ni-71

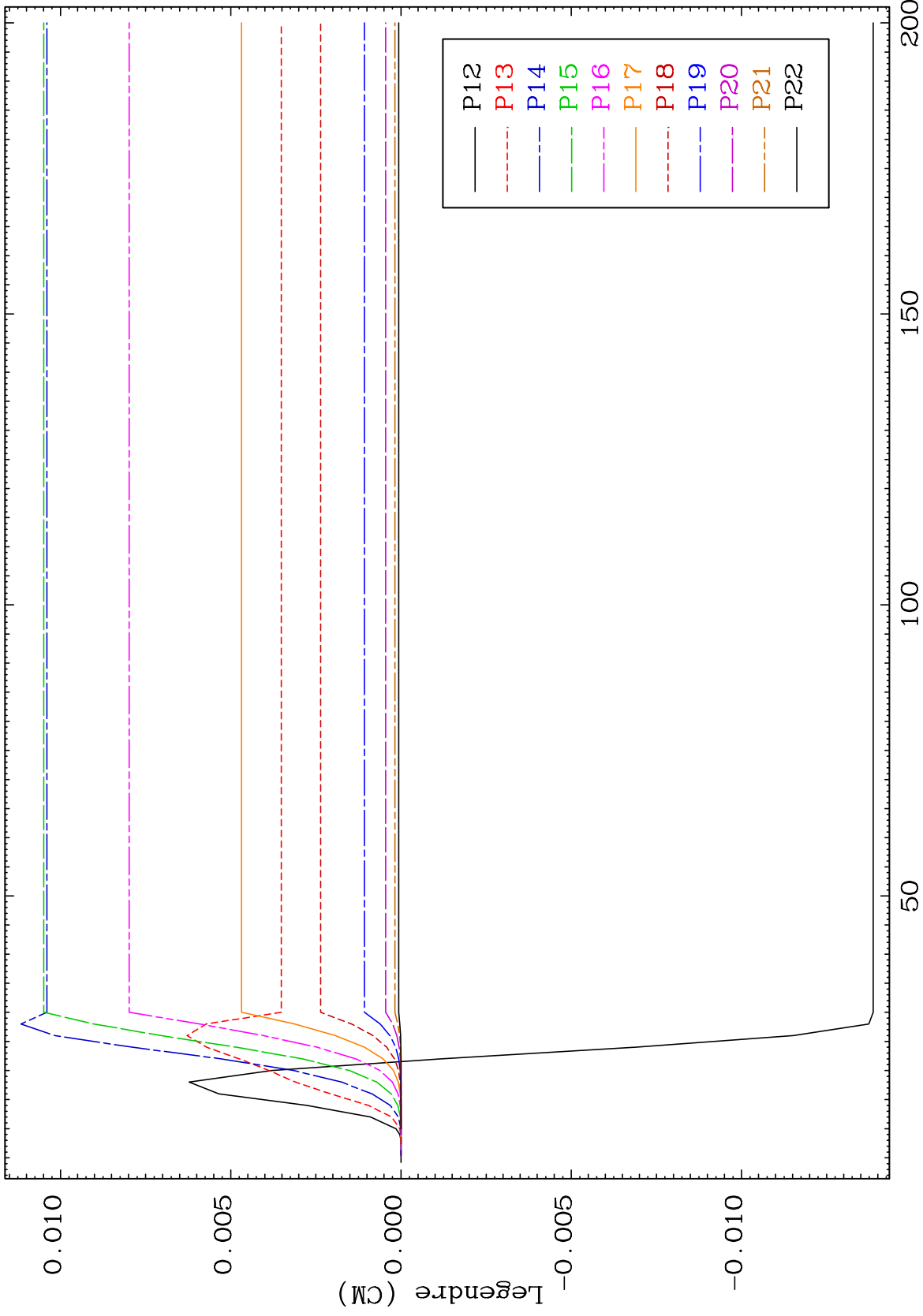


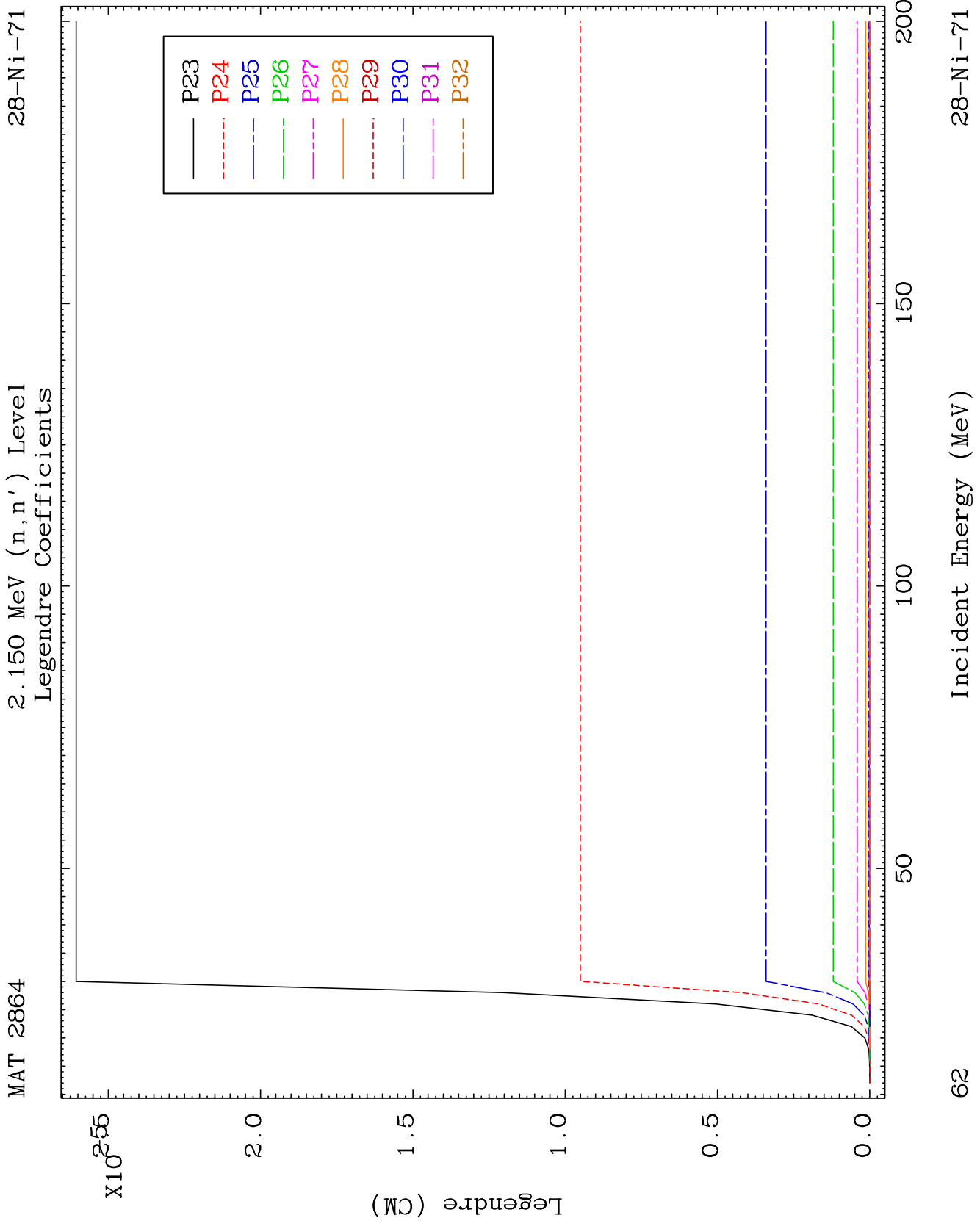
59

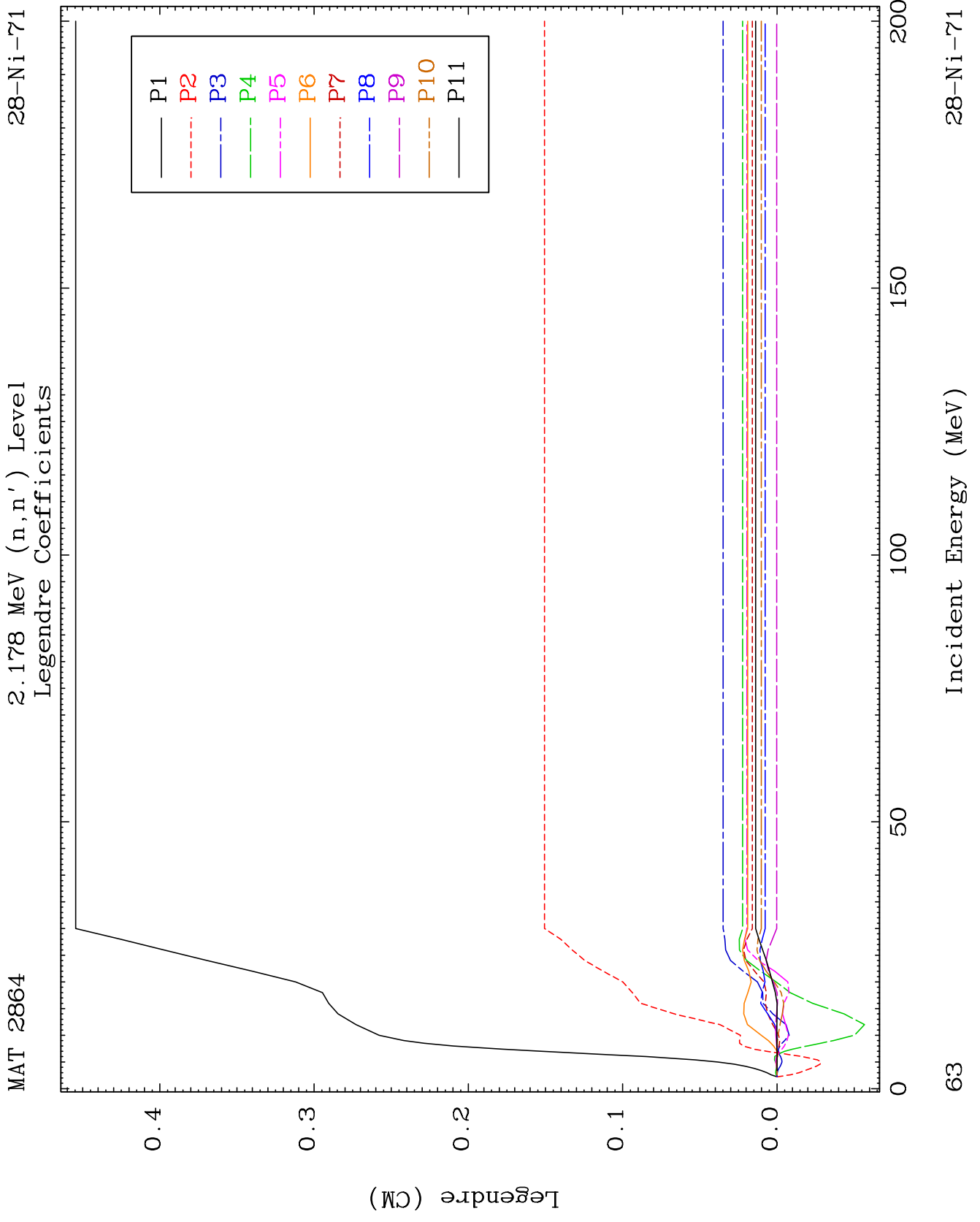
Incident Energy (MeV)

28-Ni-71







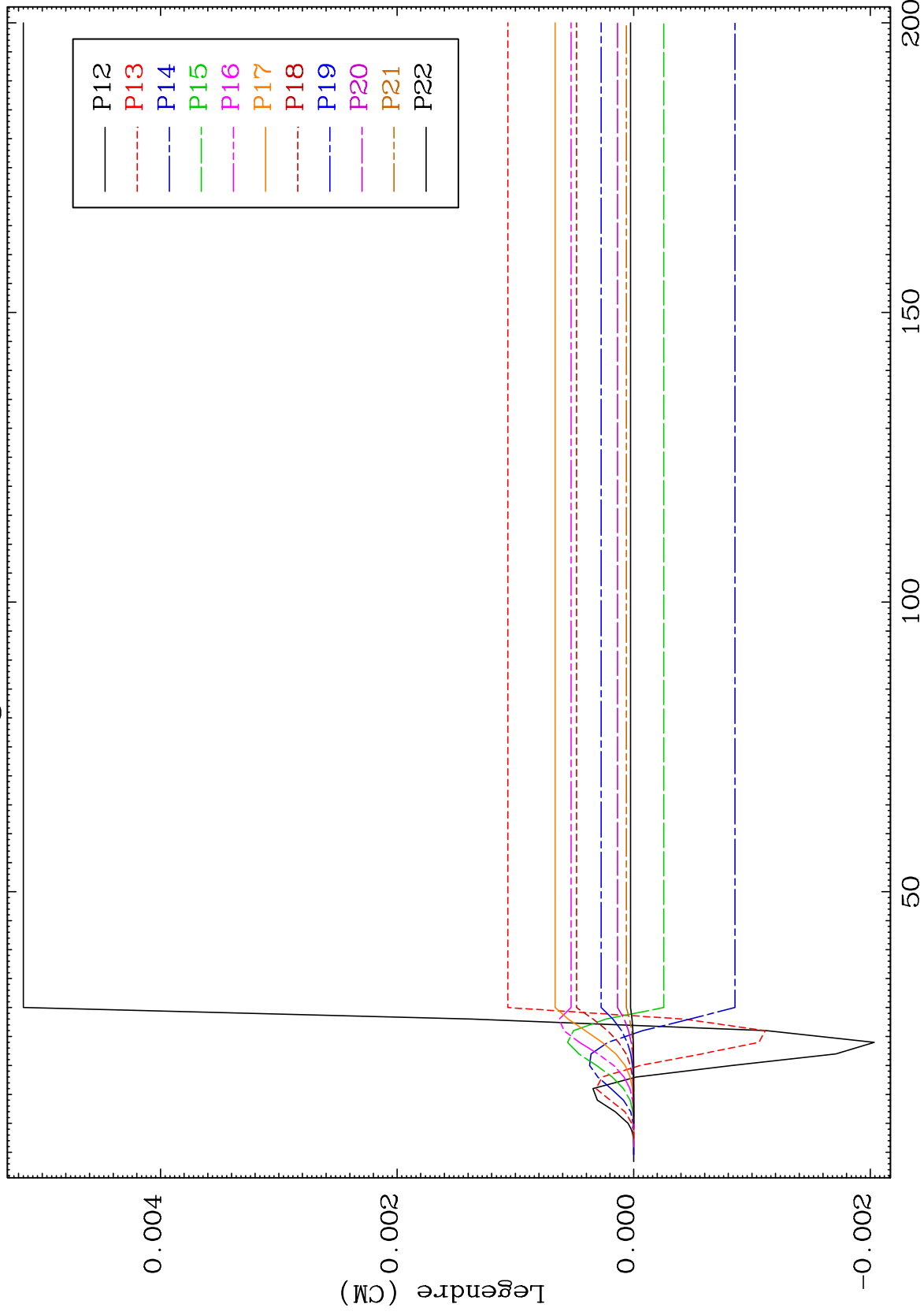




MAT 2864

2.178 MeV (n,n') Level  
Legendre Coefficients

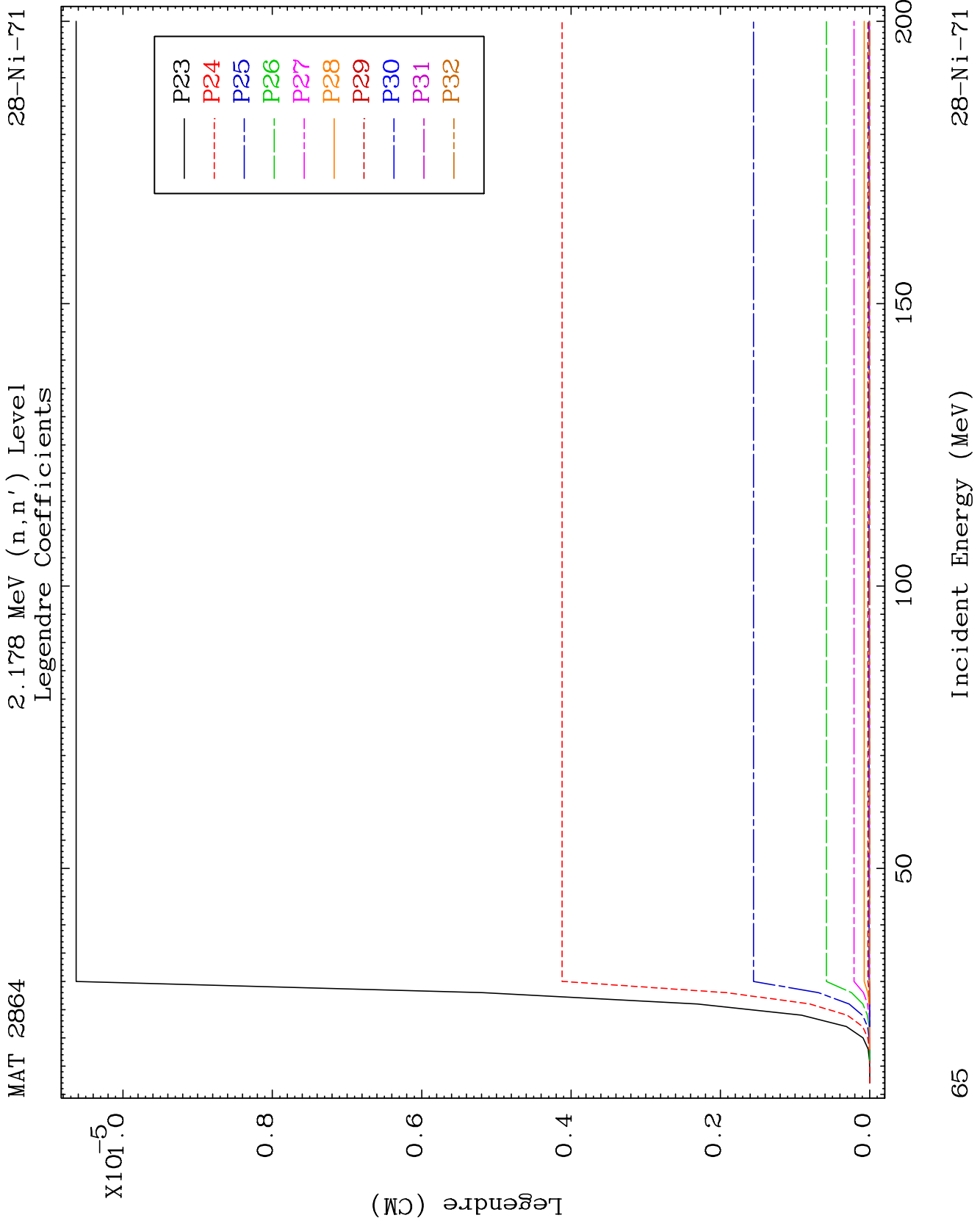
28-Ni-71

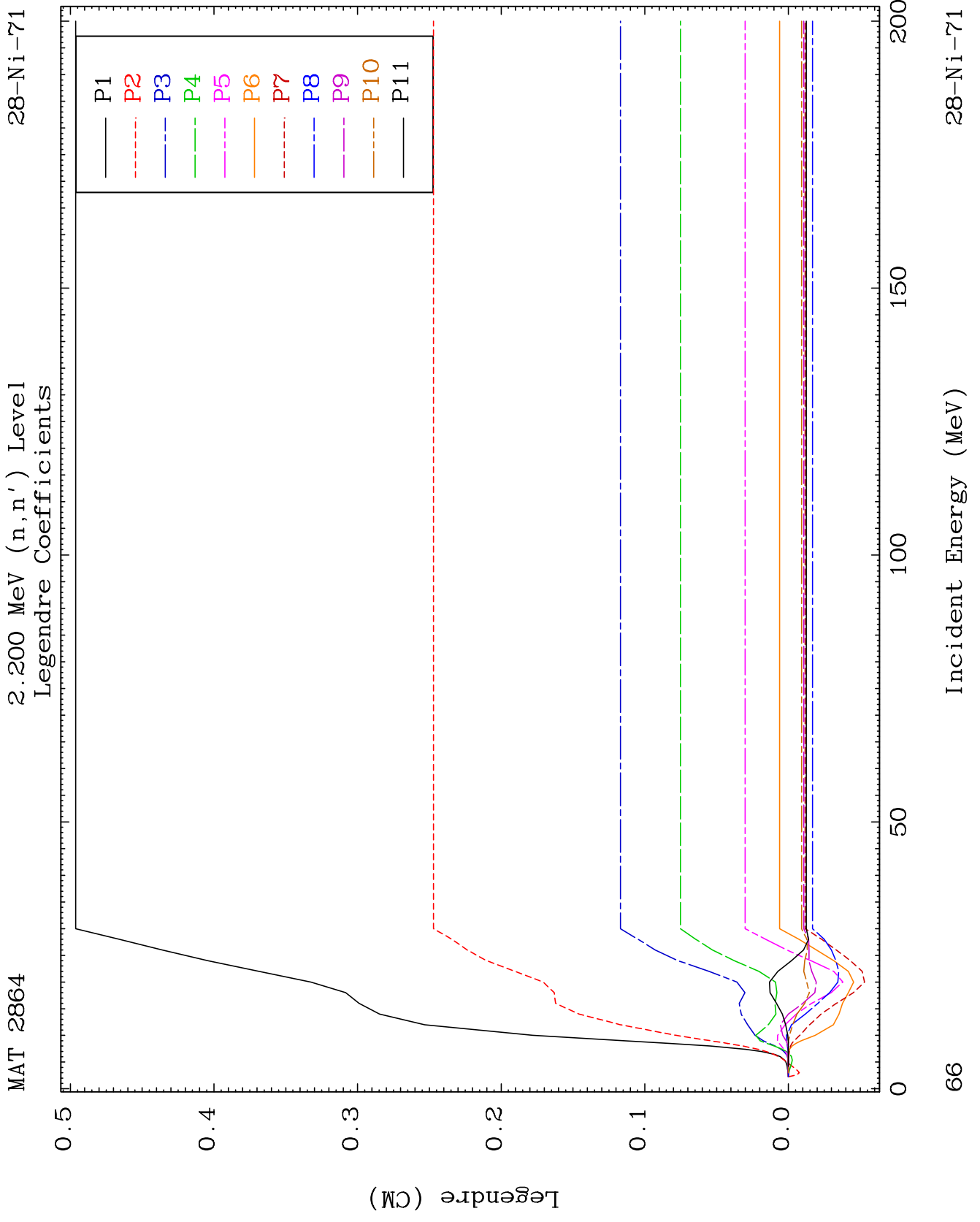


64

Incident Energy (MeV)

28-Ni-71

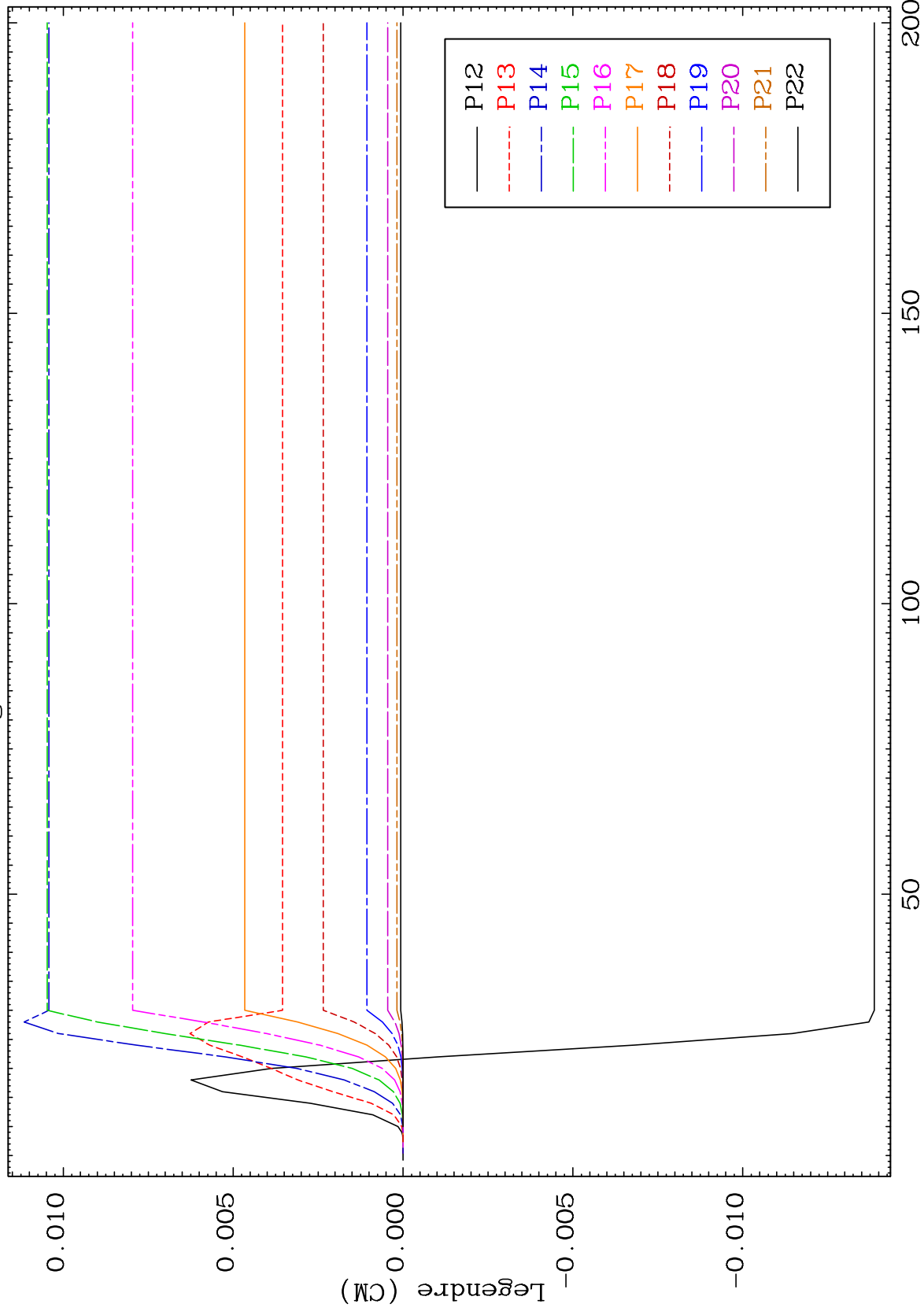




MAT 2864

2.200 MeV (n,n') Level  
Legendre Coefficients

28-Ni-71

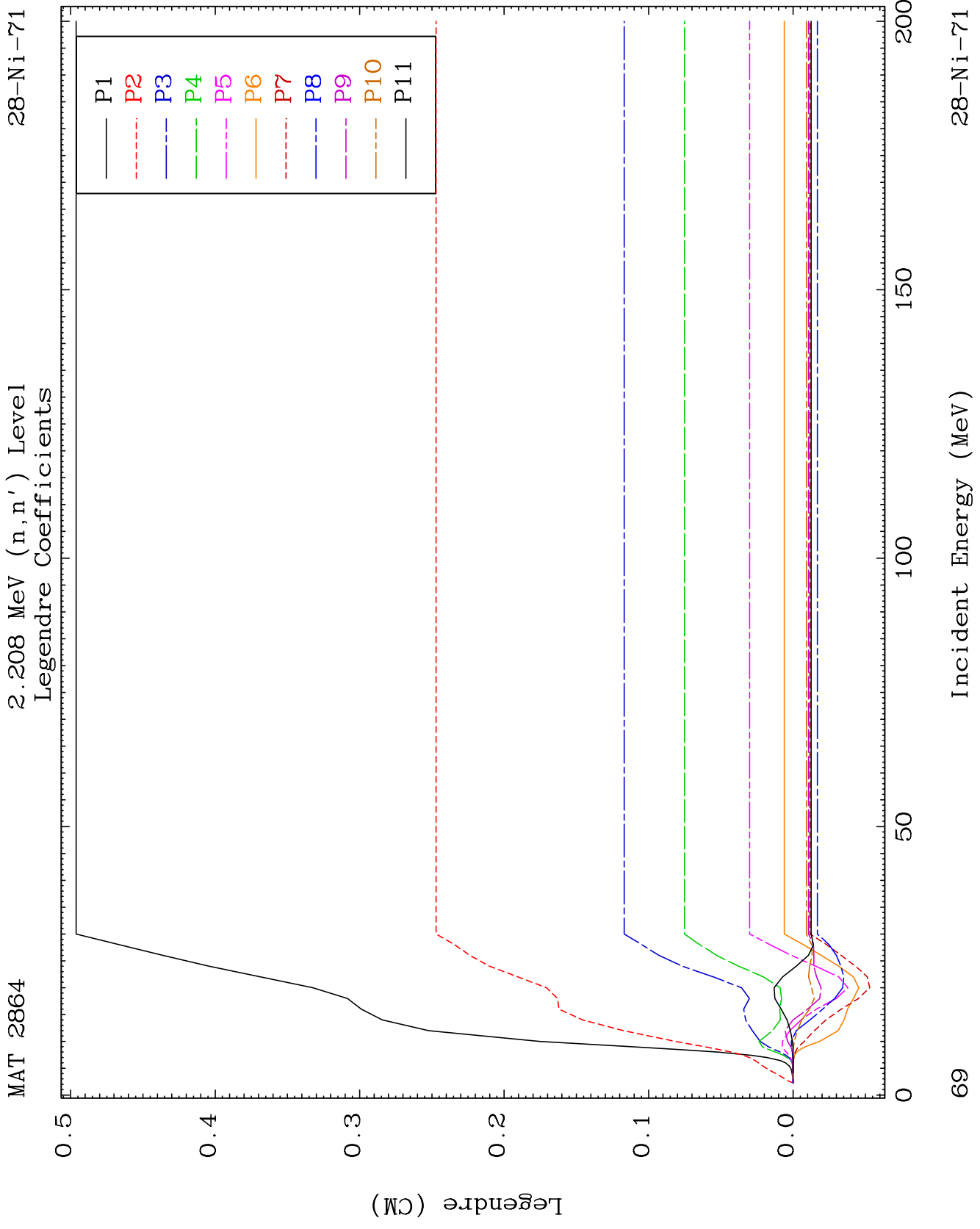


67

Incident Energy (MeV)

28-Ni-71

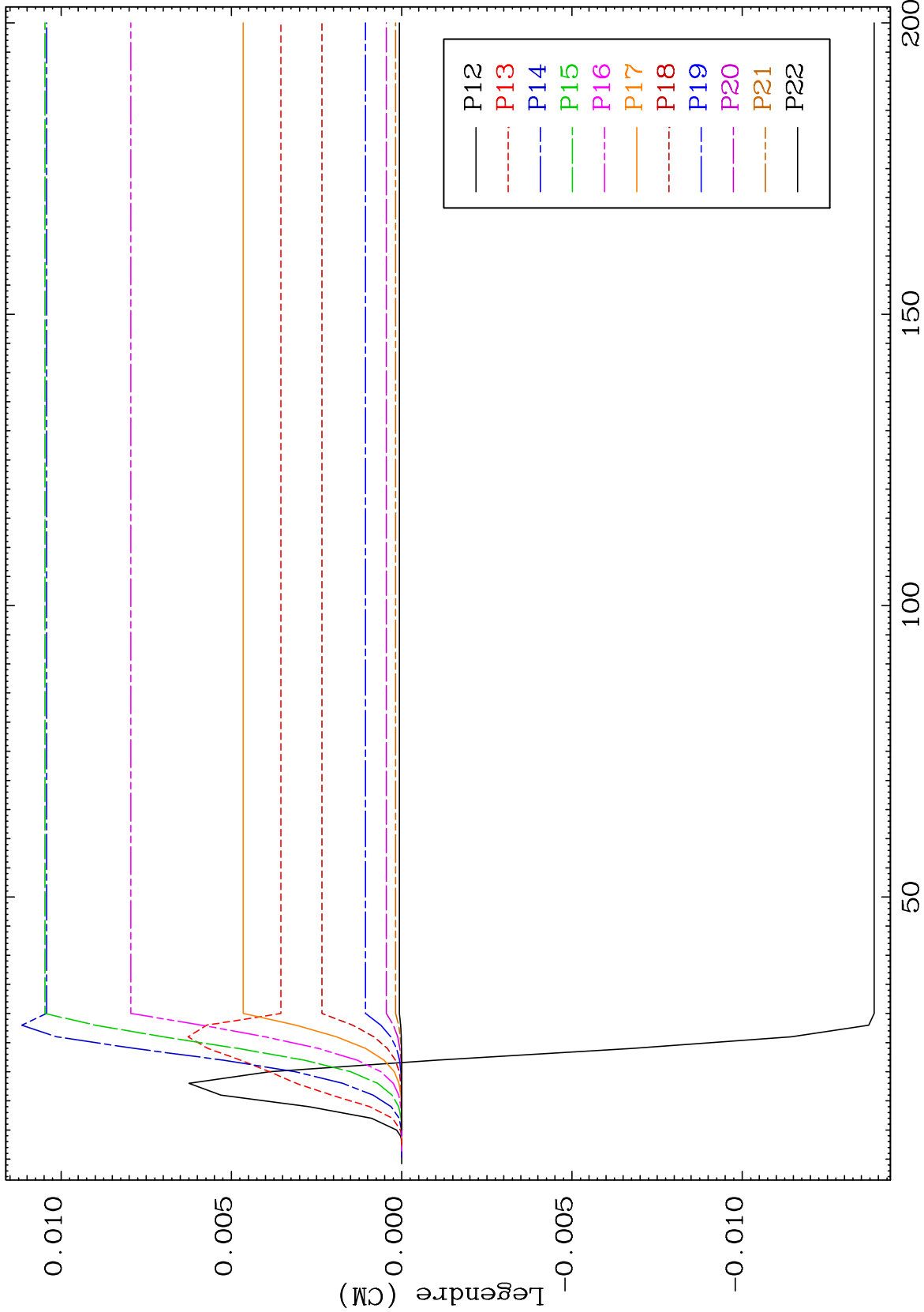




MAT 2864

2.208 MeV (n,n') Level  
Legendre Coefficients

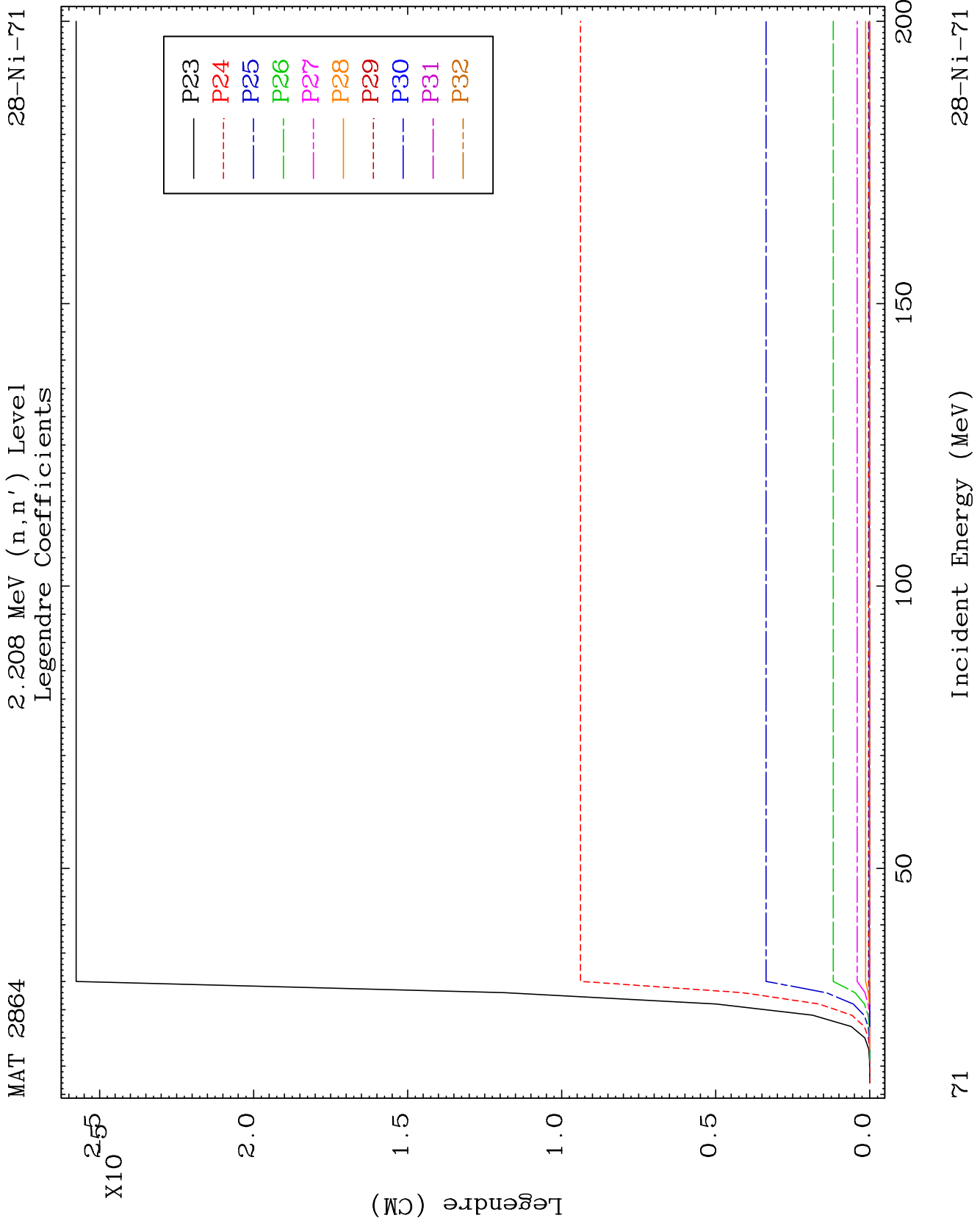
28-Ni-71



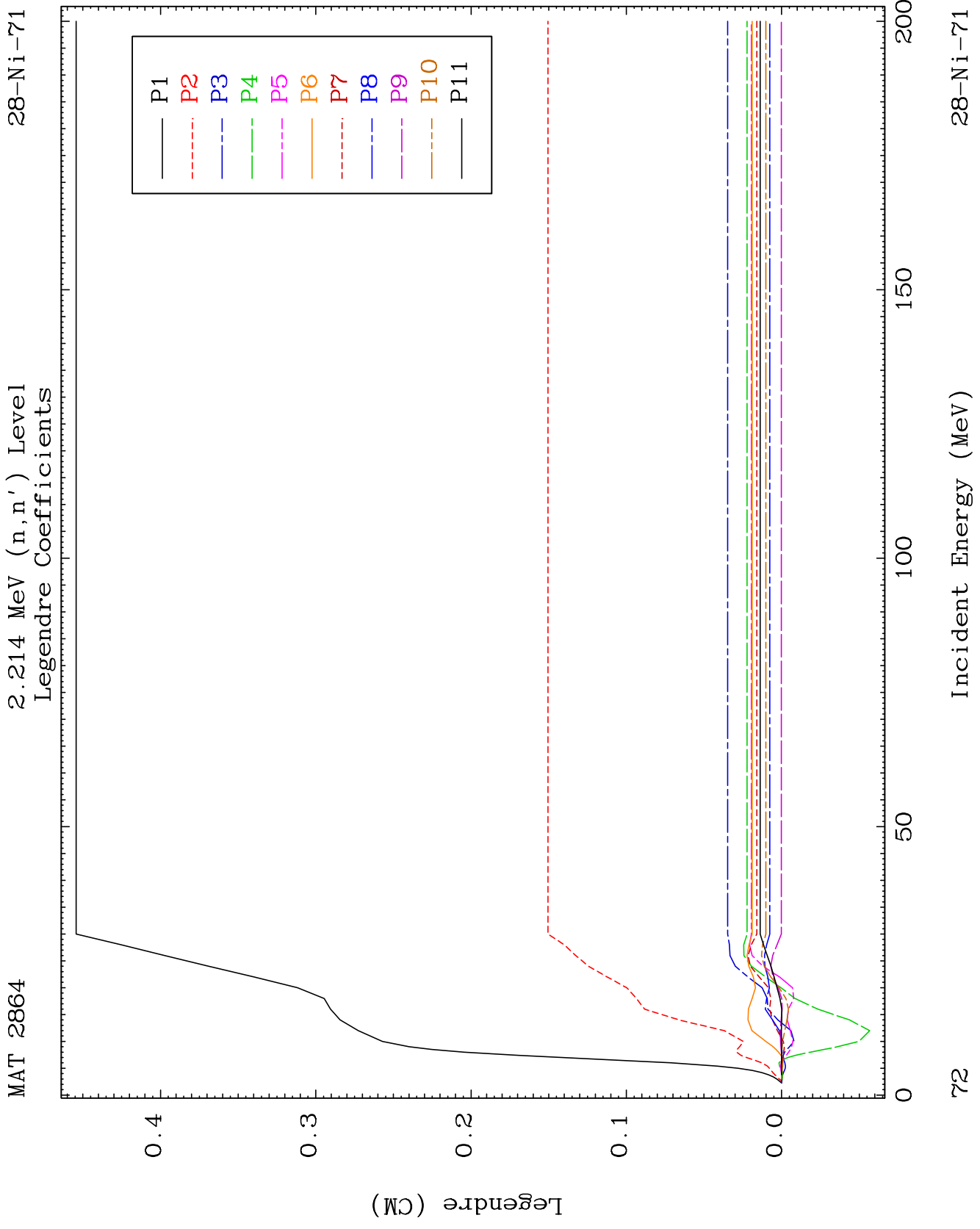
70

Incident Energy (MeV)

28-Ni-71



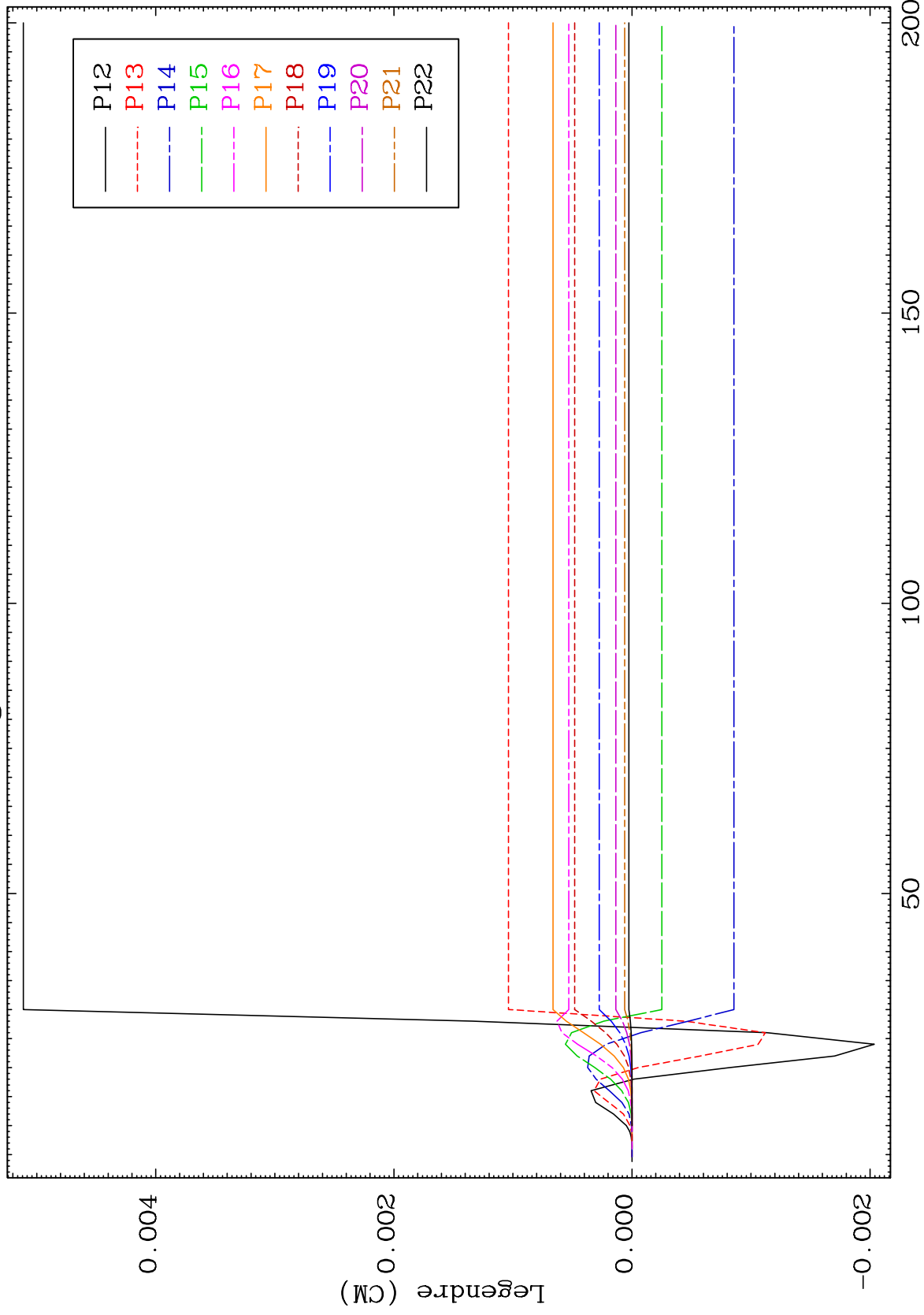




MAT 2864

2.214 MeV (n,n') Level  
Legendre Coefficients

28-Ni-71



73

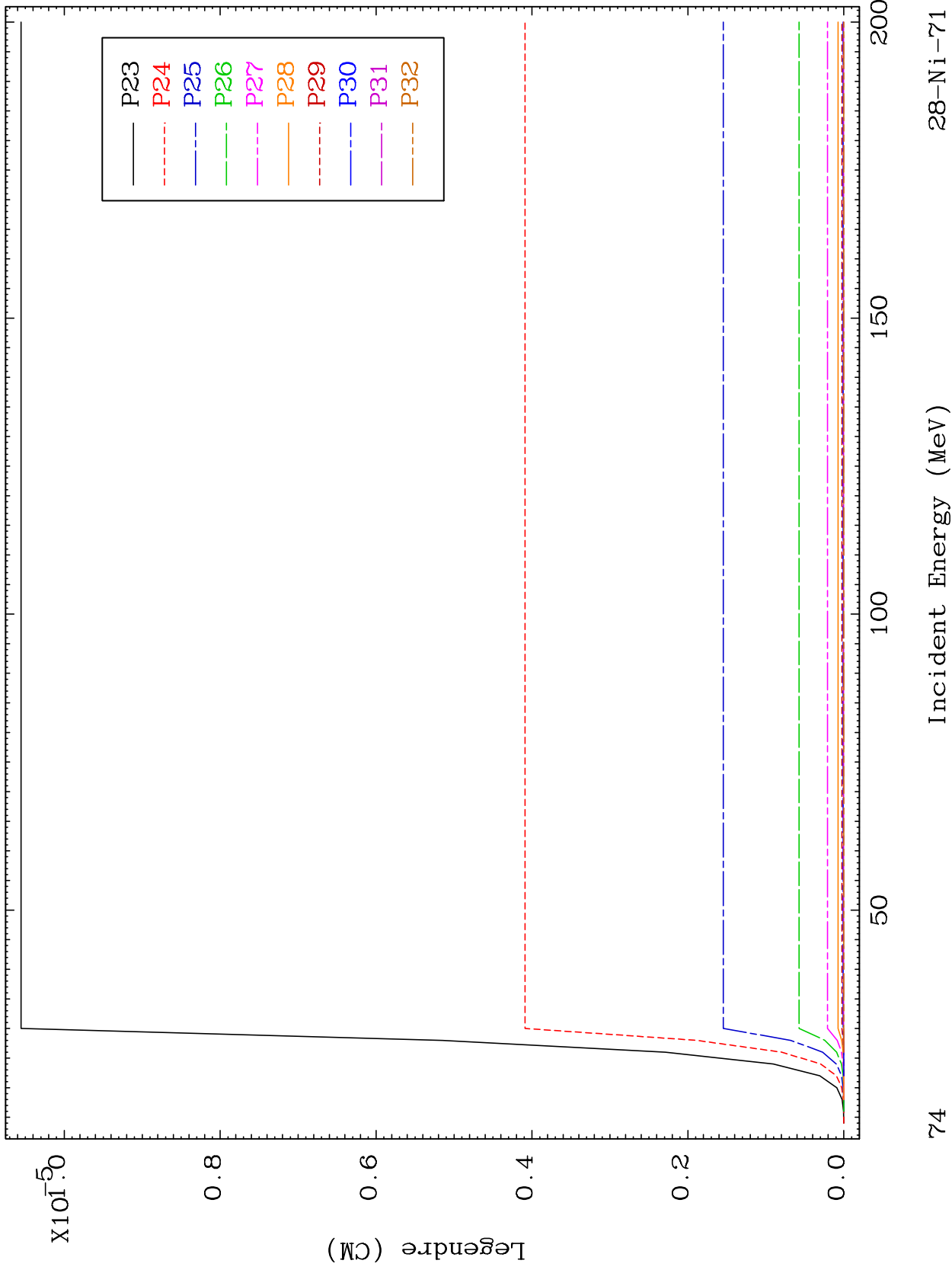
Incident Energy (MeV)

28-Ni-71

MAT 2864

2.214 MeV (n,n') Level  
Legendre Coefficients

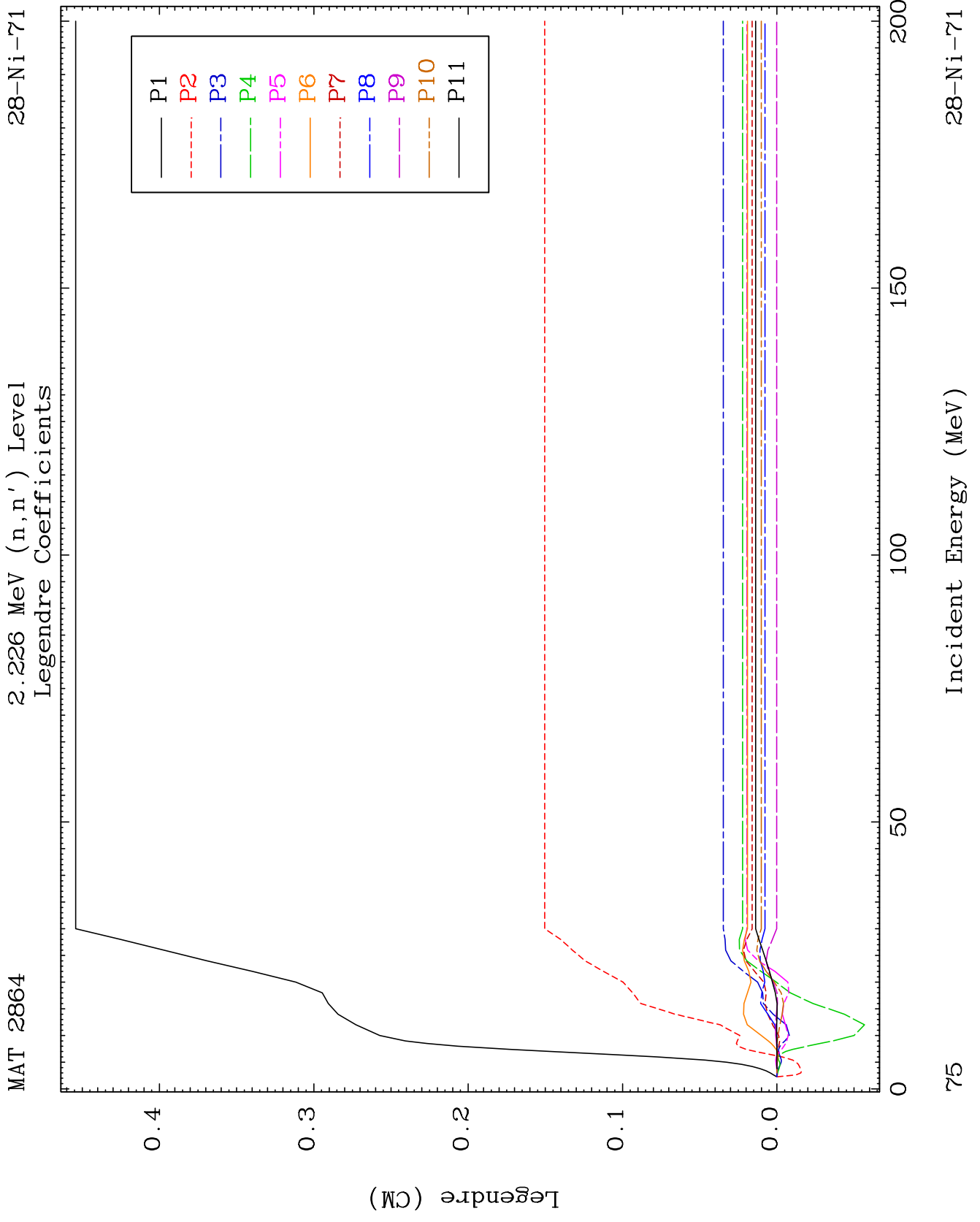
28-Ni-71



74

Incident Energy (MeV)

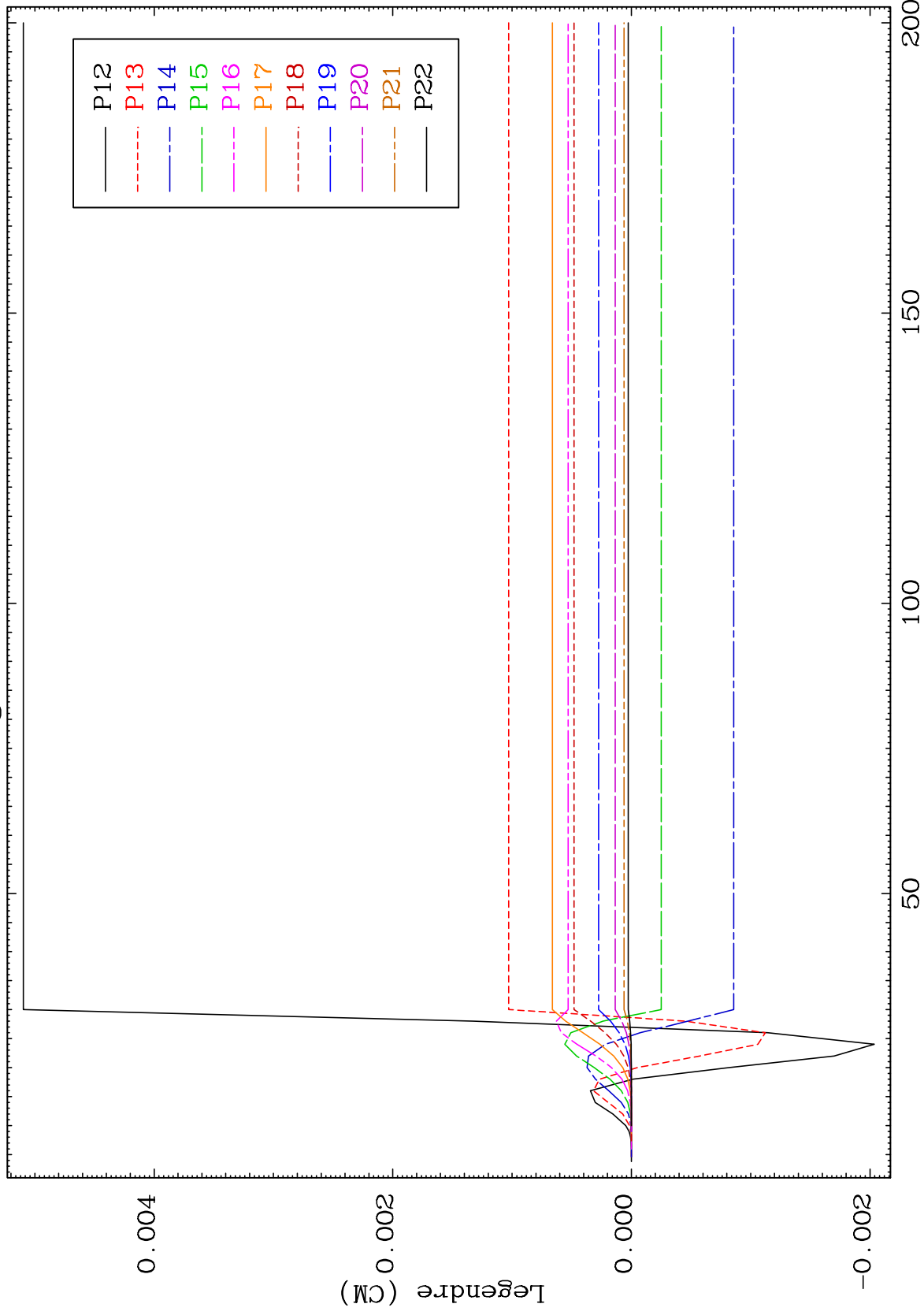
28-Ni-71



MAT 2864

2.226 MeV (n,n') Level  
Legendre Coefficients

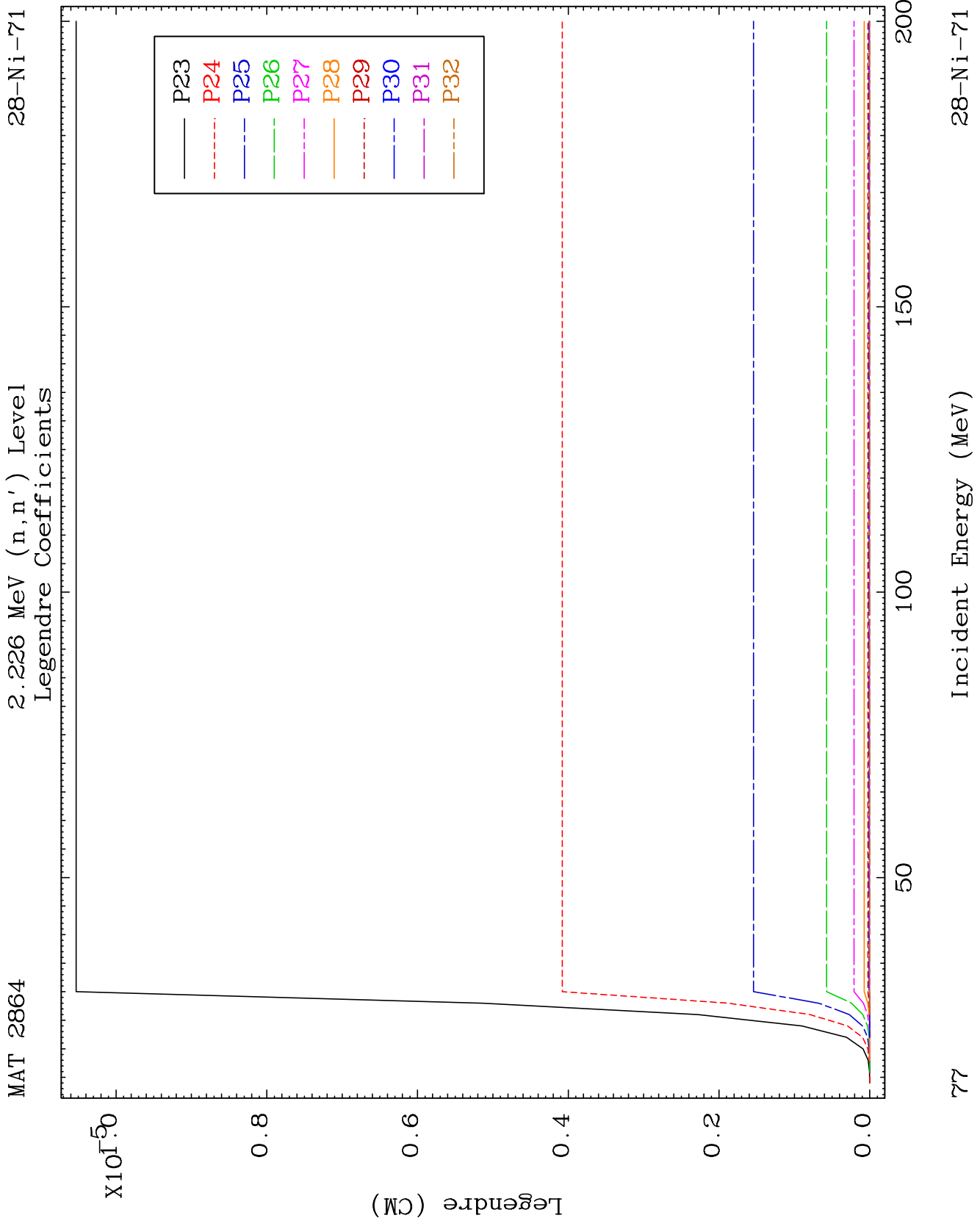
28-Ni-71

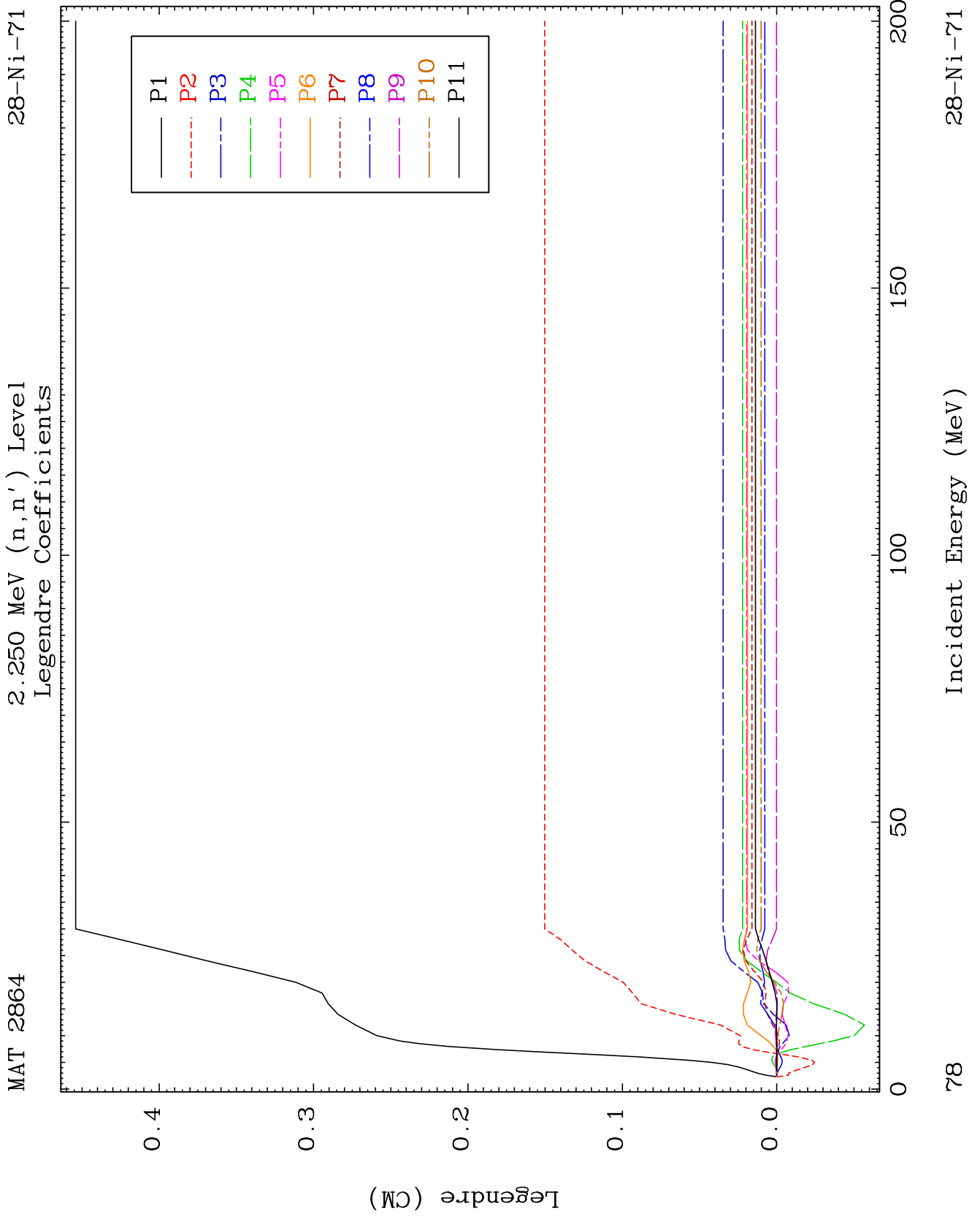


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Incident Energy (MeV)

28-Ni-71

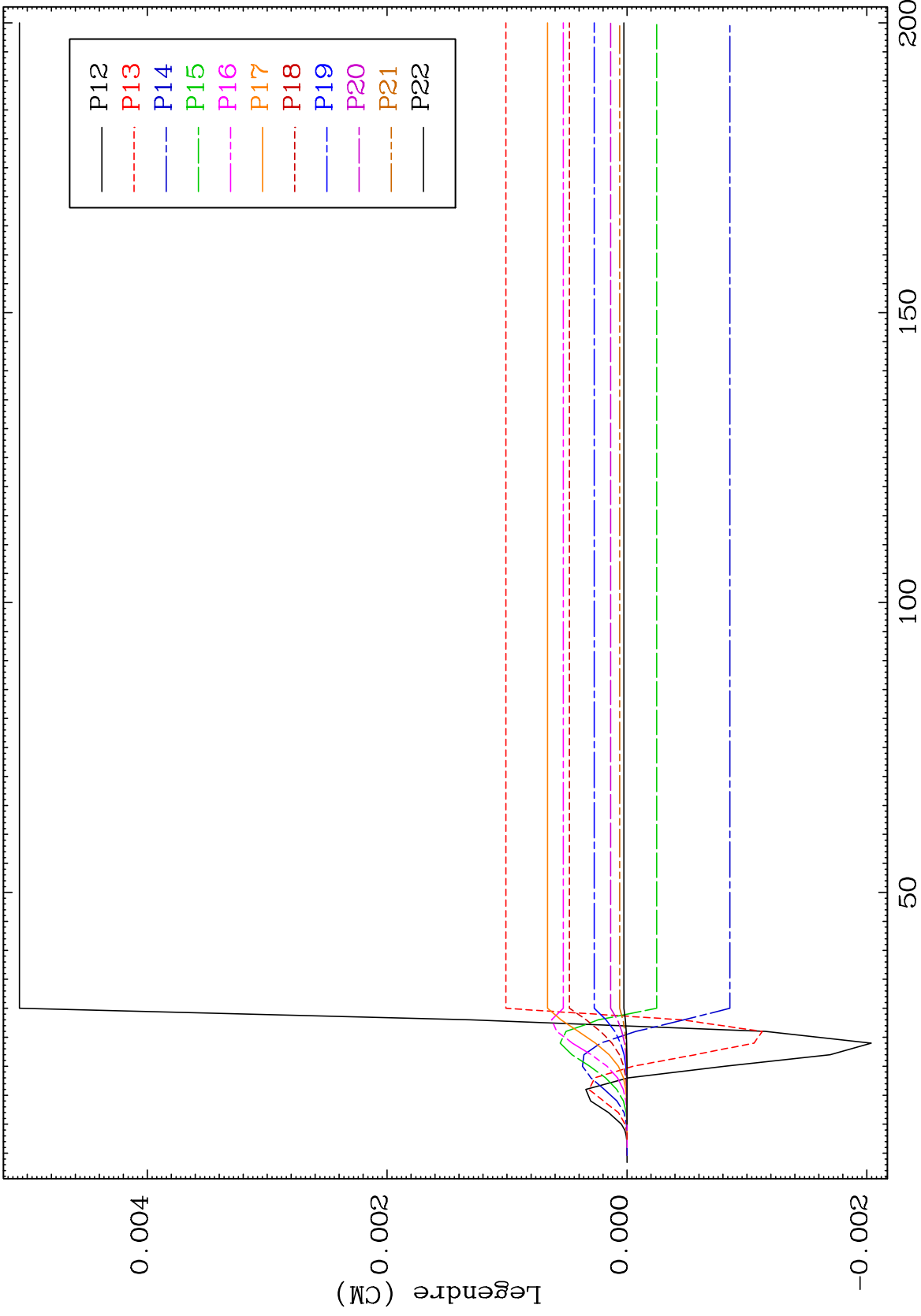




MAT 2864

2.250 MeV (n,n') Level  
Legendre Coefficients

28-Ni-71

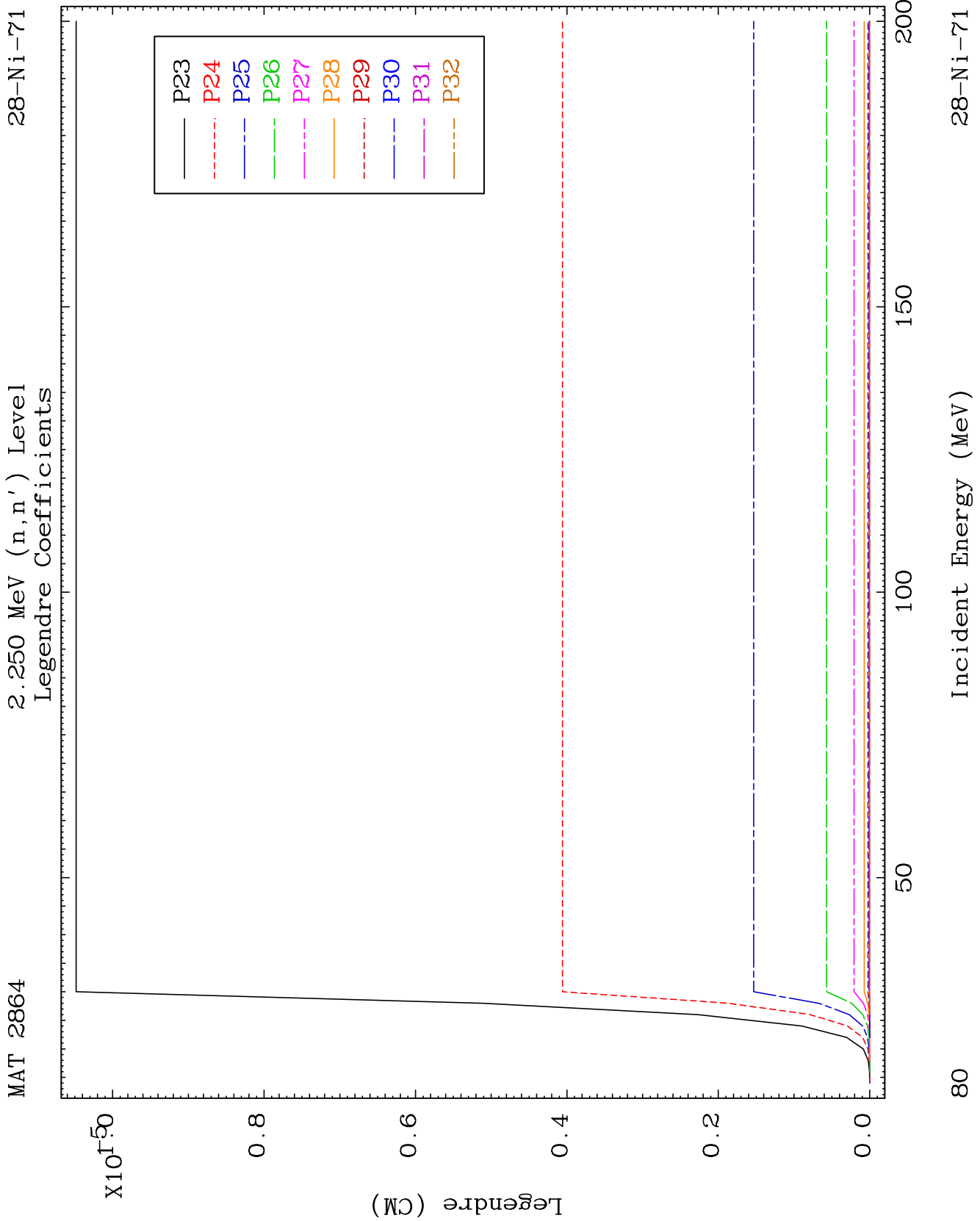


79

Incident Energy (MeV)

28-Ni-71

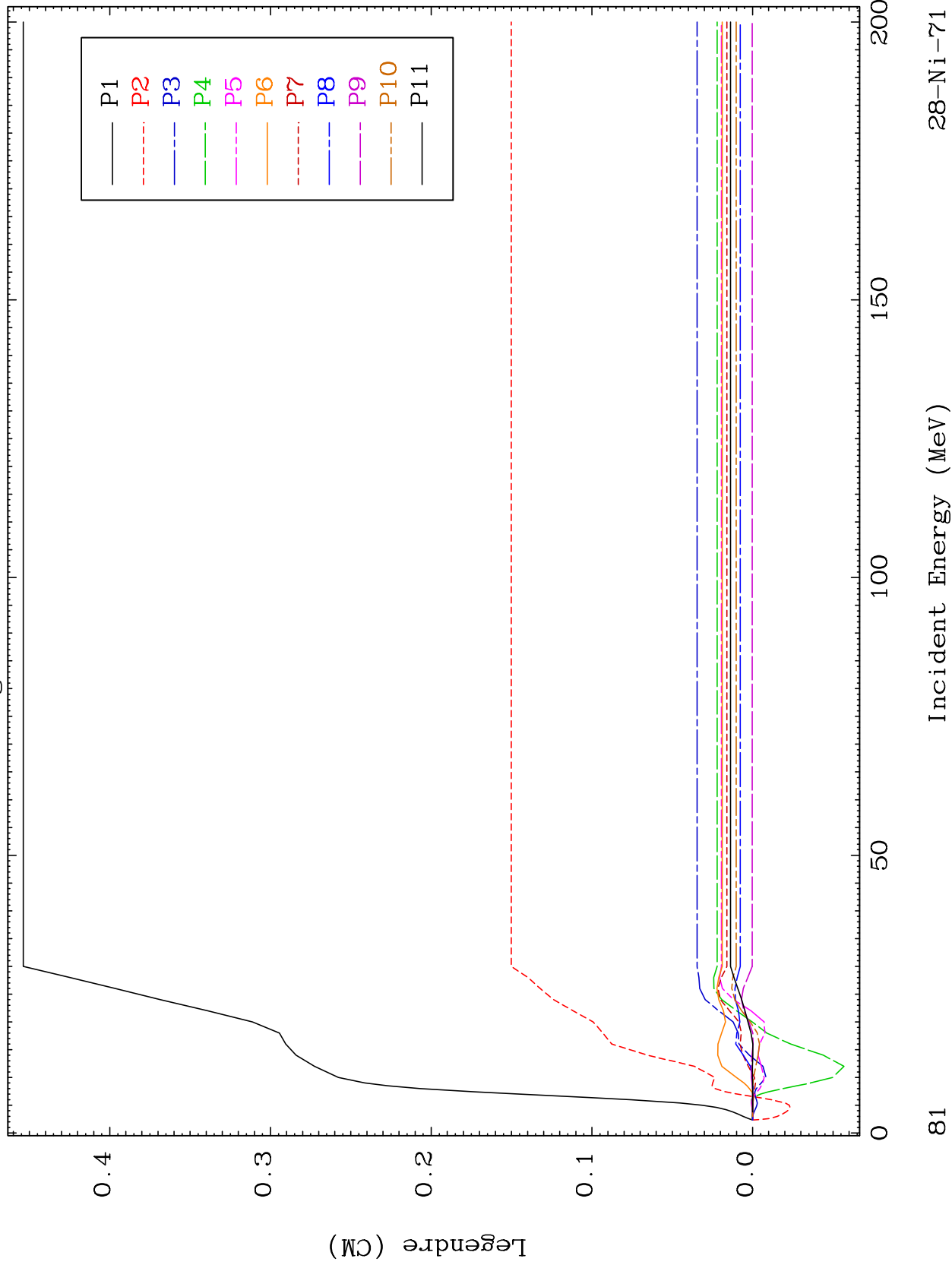




MAT 2864

2.292 MeV (n,n') Level  
Legendre Coefficients

28-Ni-71



81

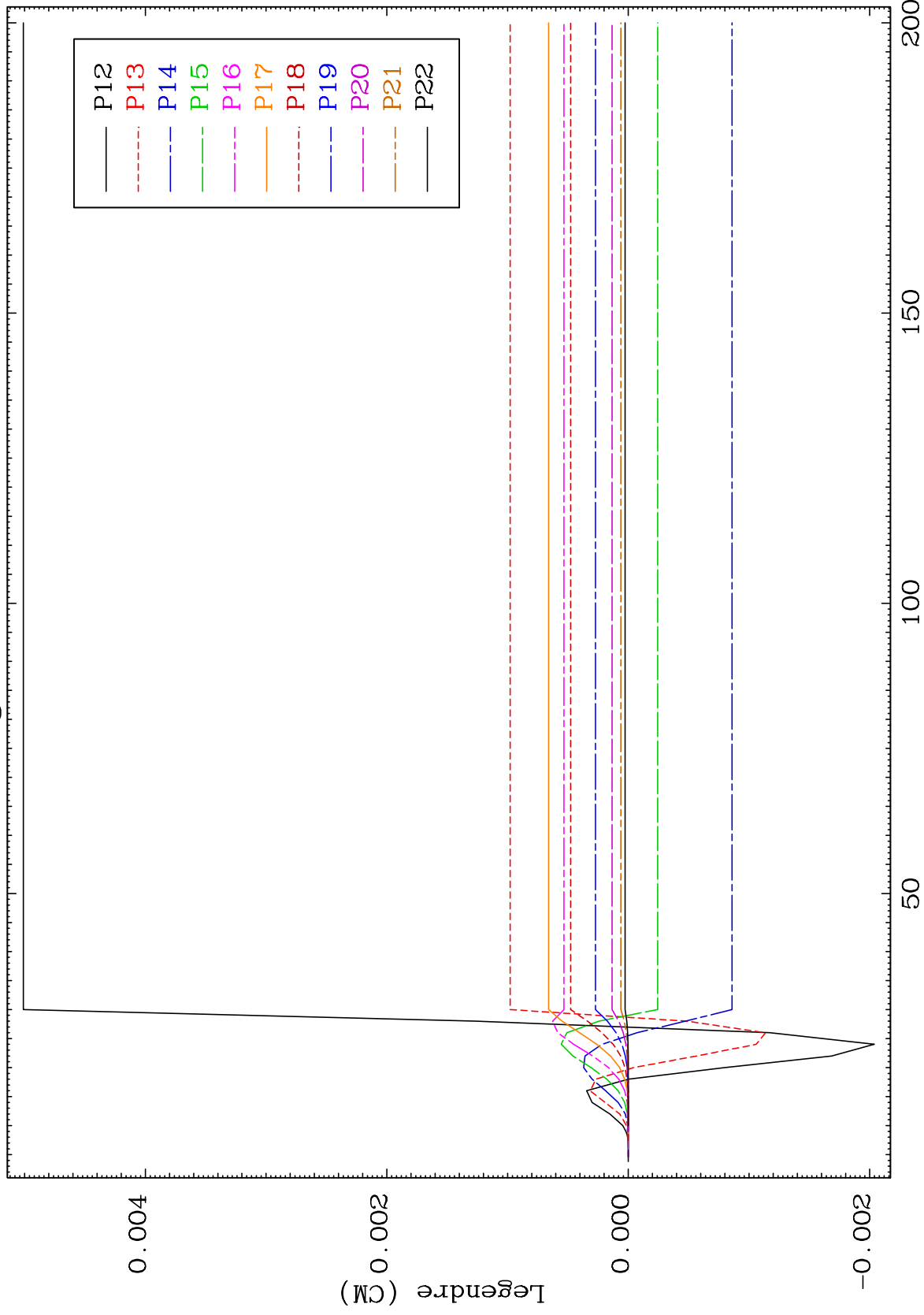
Incident Energy (MeV)

28-Ni-71

MAT 2864

2.292 MeV (n,n') Level  
Legendre Coefficients

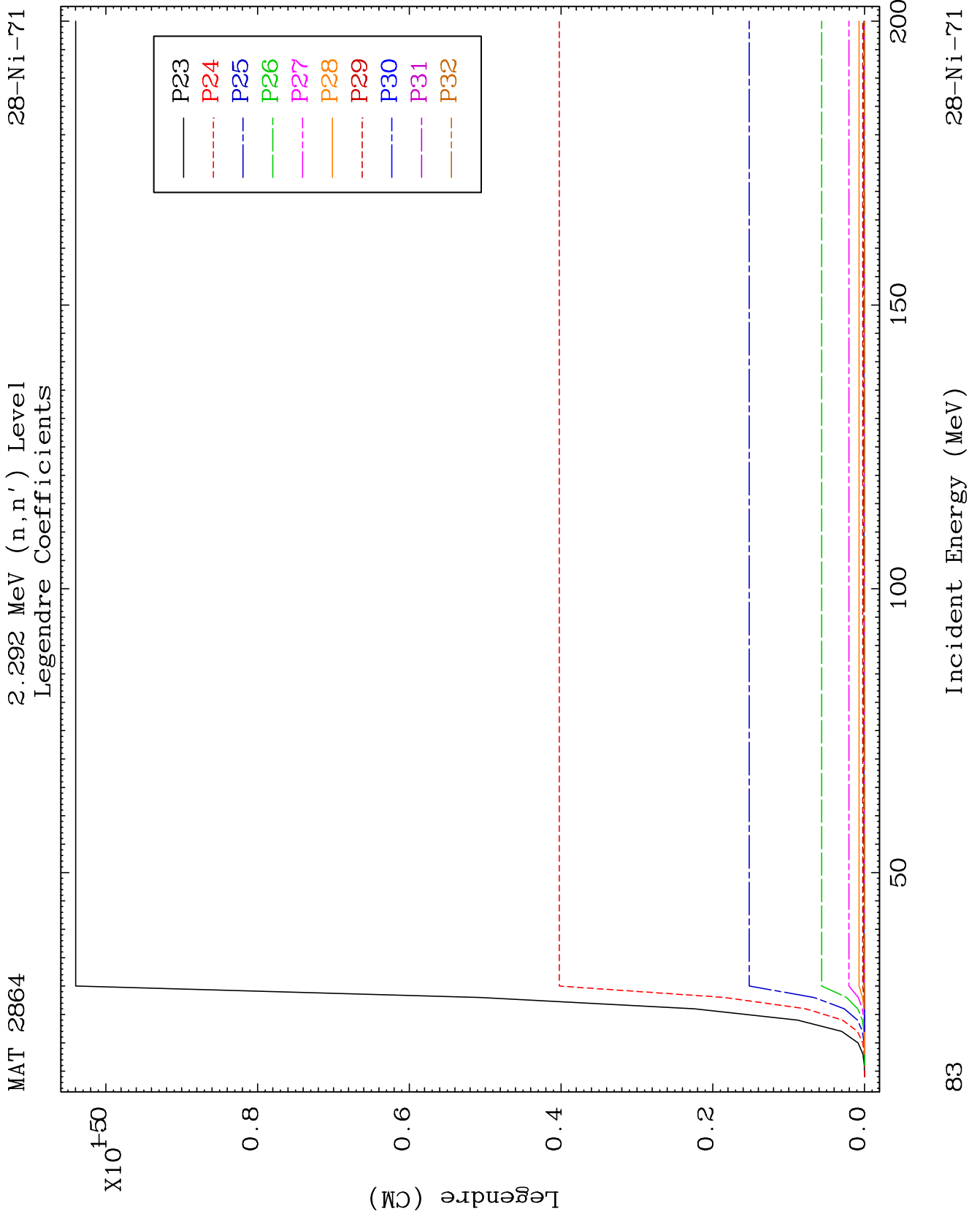
28-Ni-71



82

Incident Energy (MeV)

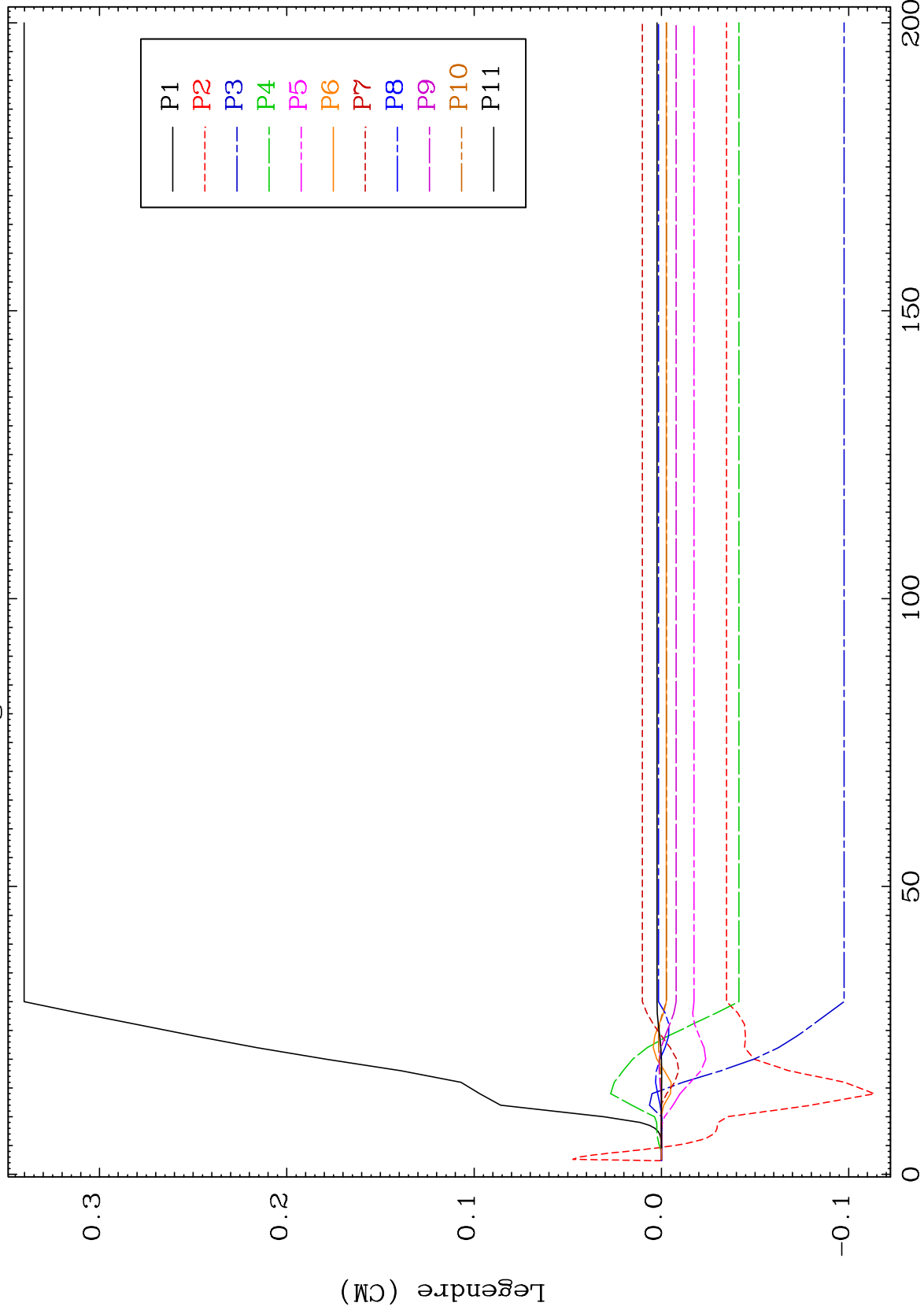
28-Ni-71



MAT 2864

2.333 MeV (n,n') Level  
Legendre Coefficients

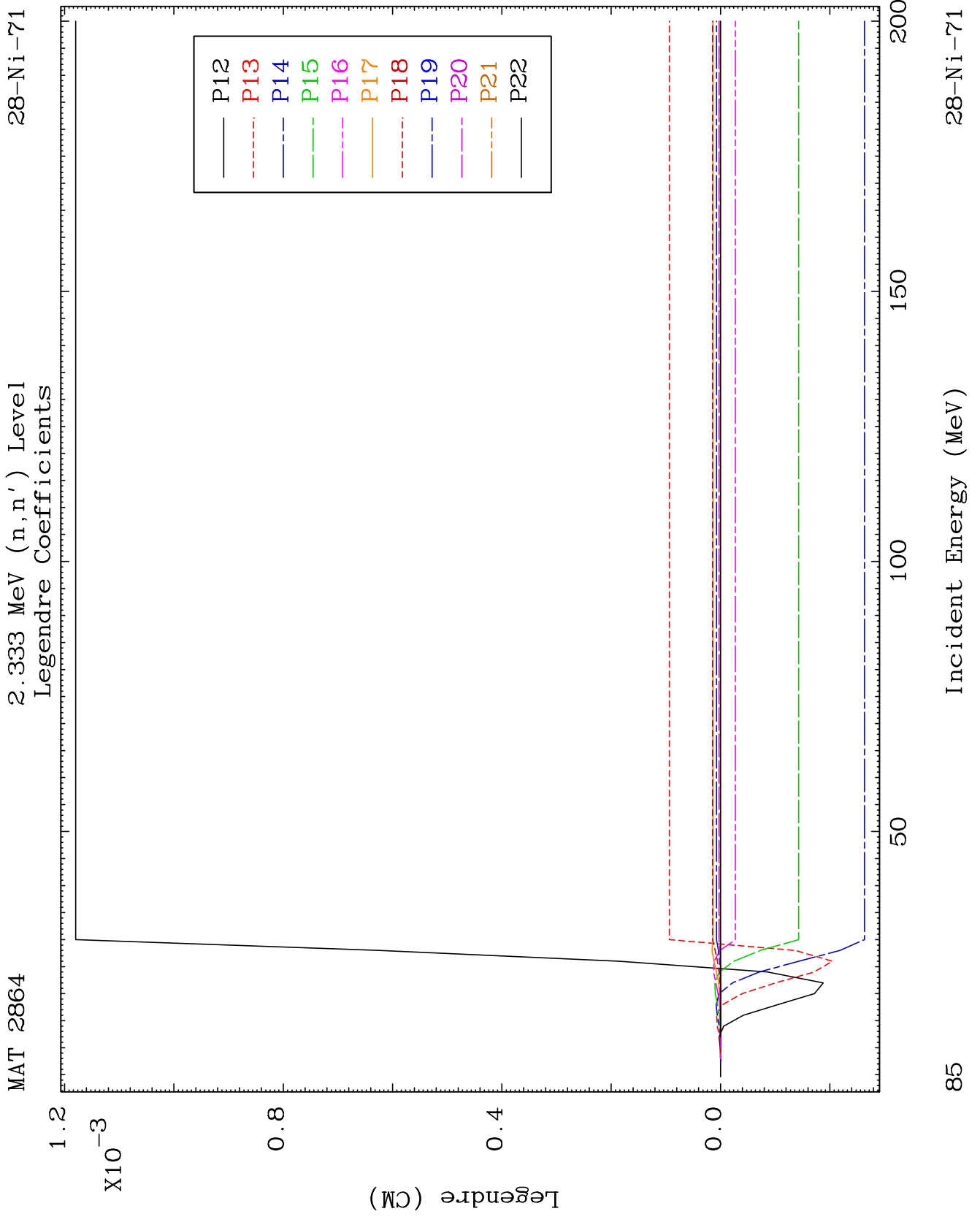
28-Ni-71

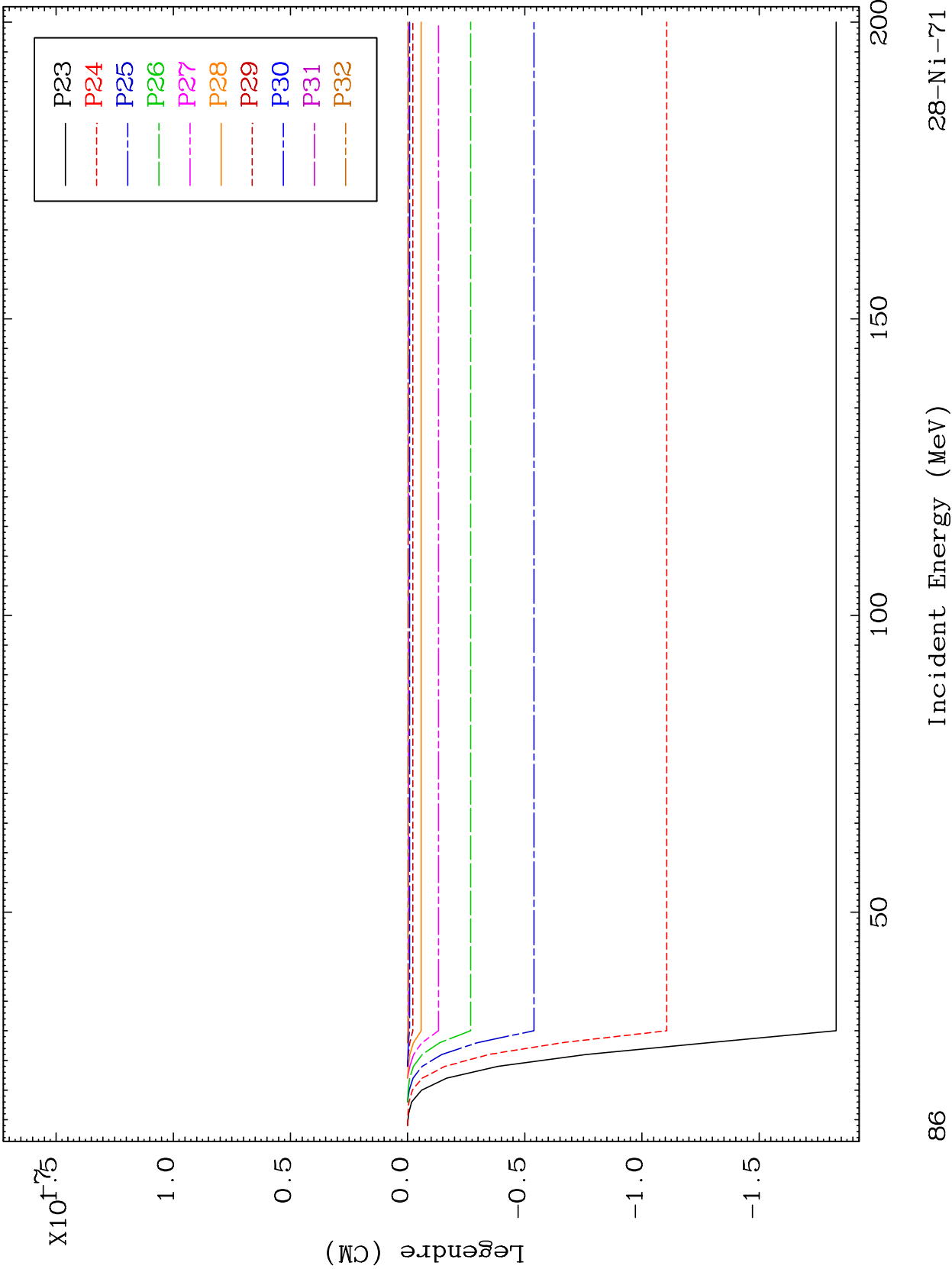


84

Incident Energy (MeV)

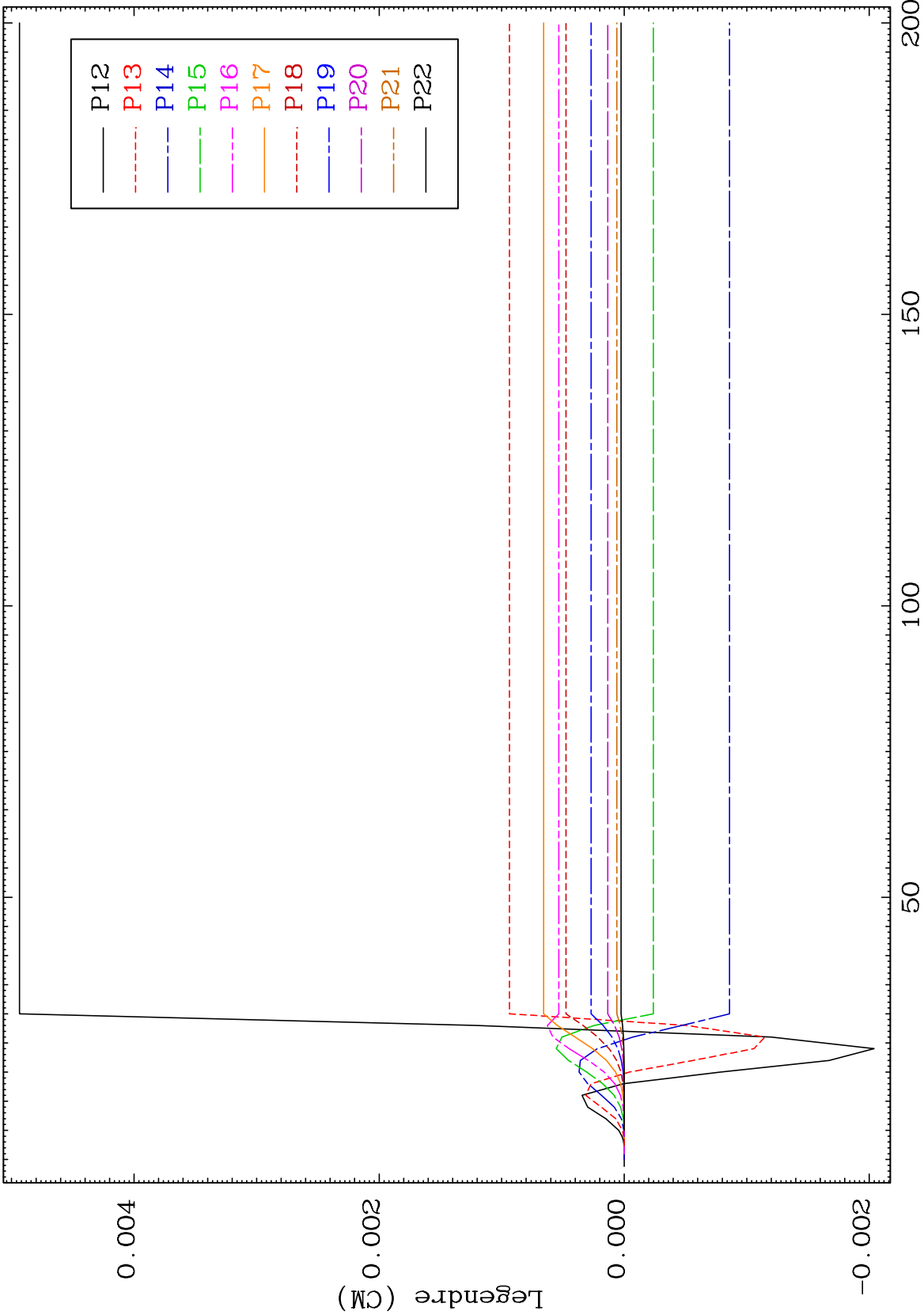
28-Ni-71







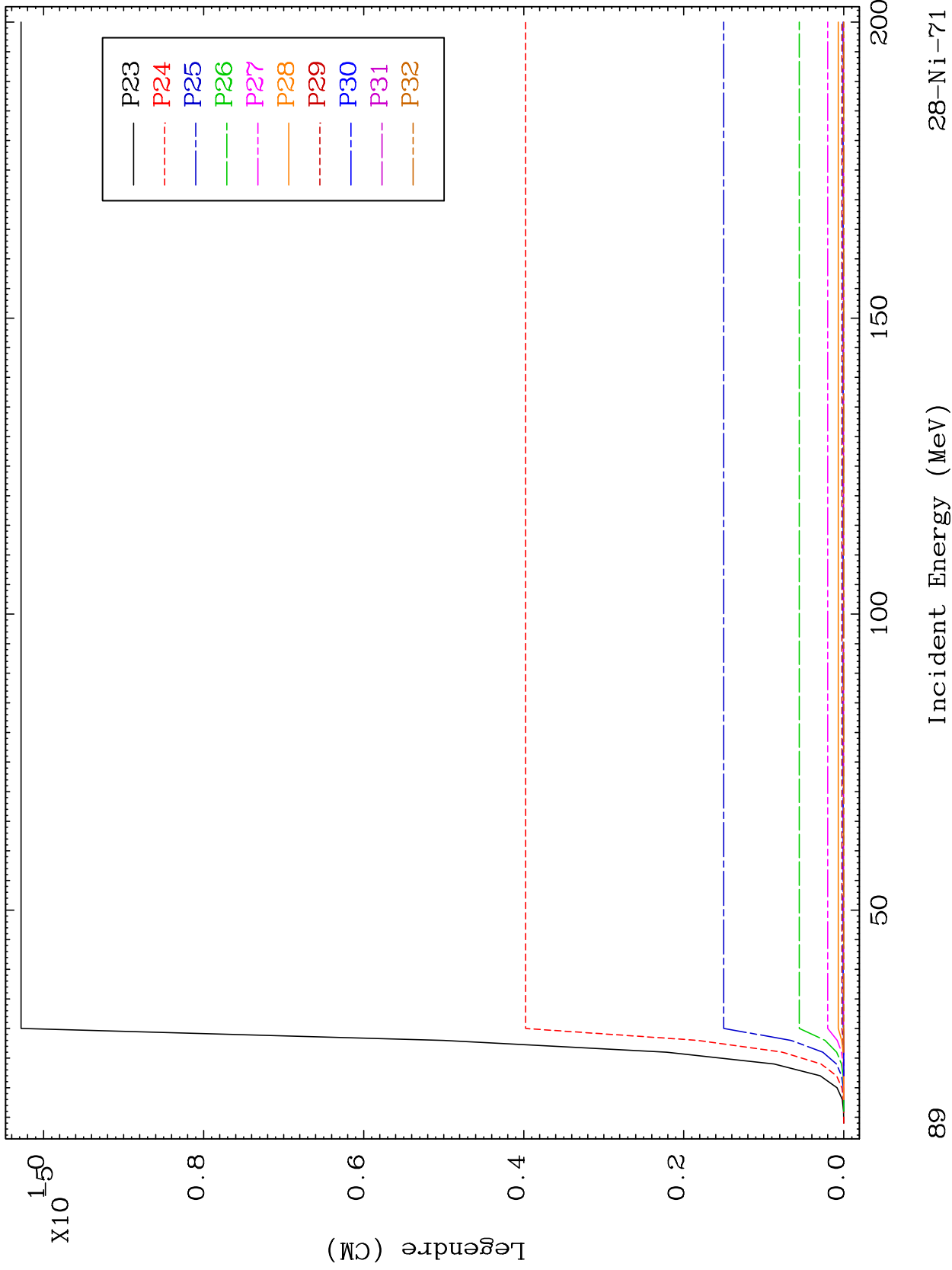




MAT 2864

2.350 MeV (n,n') Level  
Legendre Coefficients

28-Ni-71

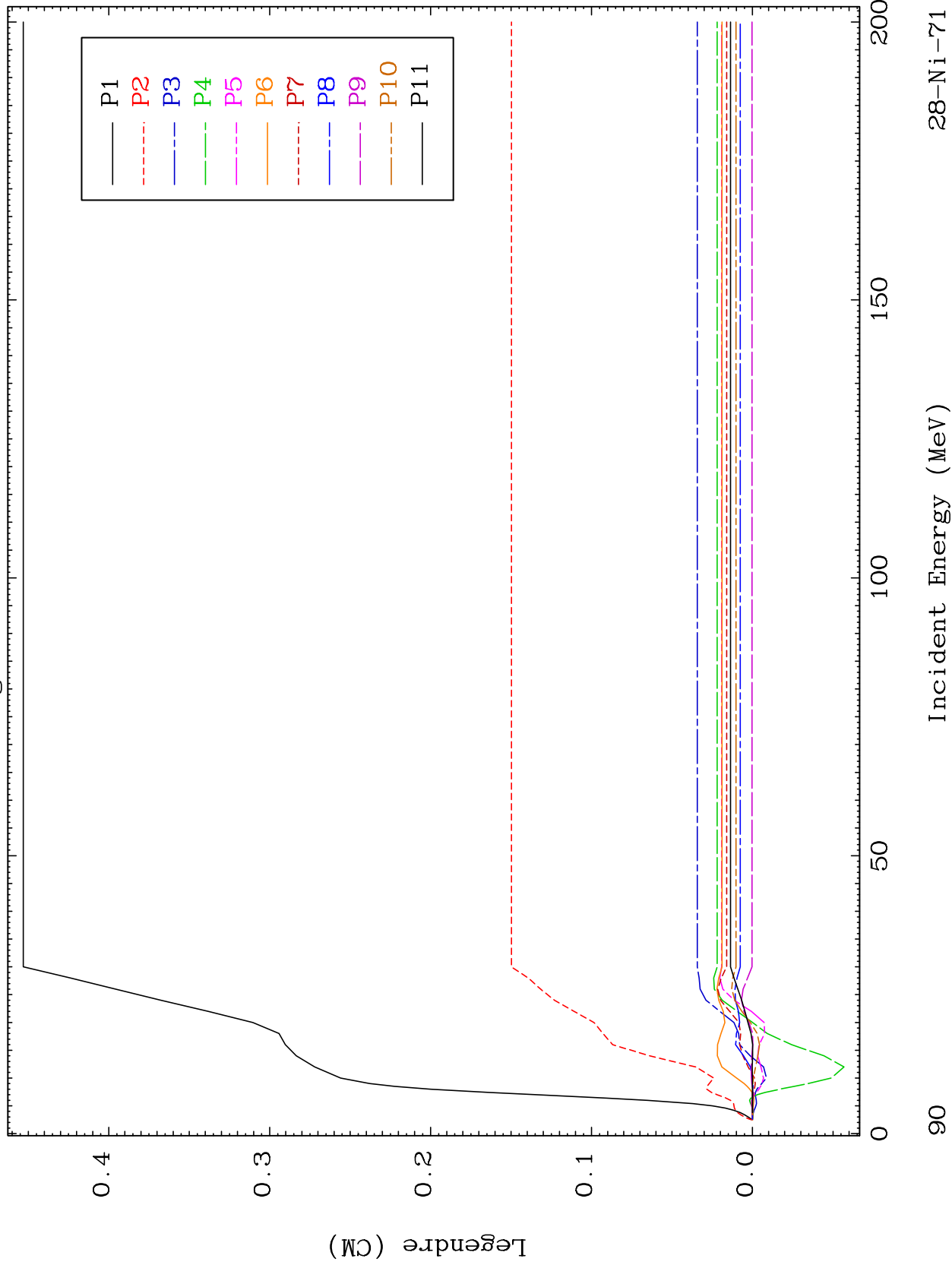


89

MAT 2864

2.400 MeV (n,n') Level  
Legendre Coefficients

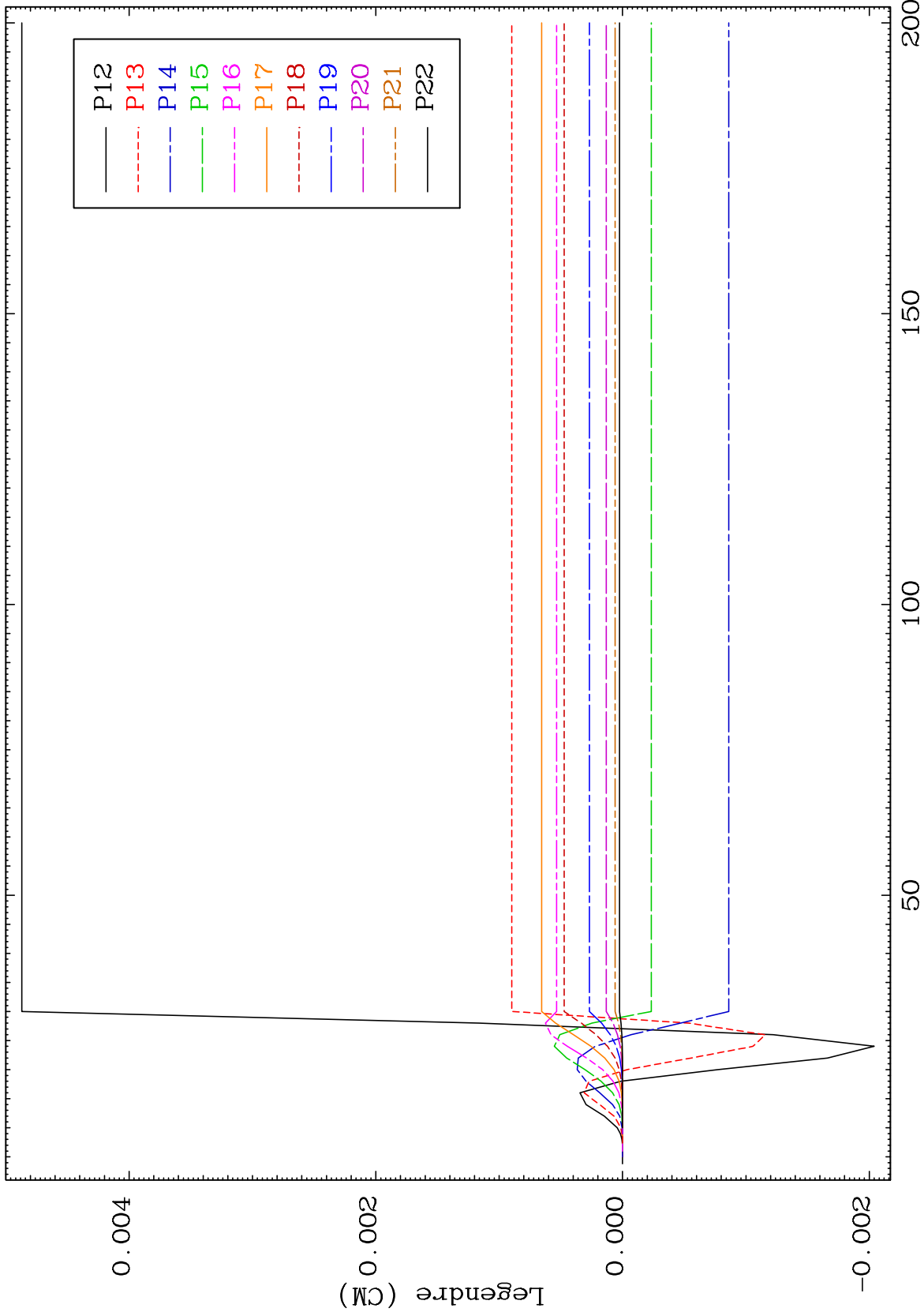
28-Ni-71



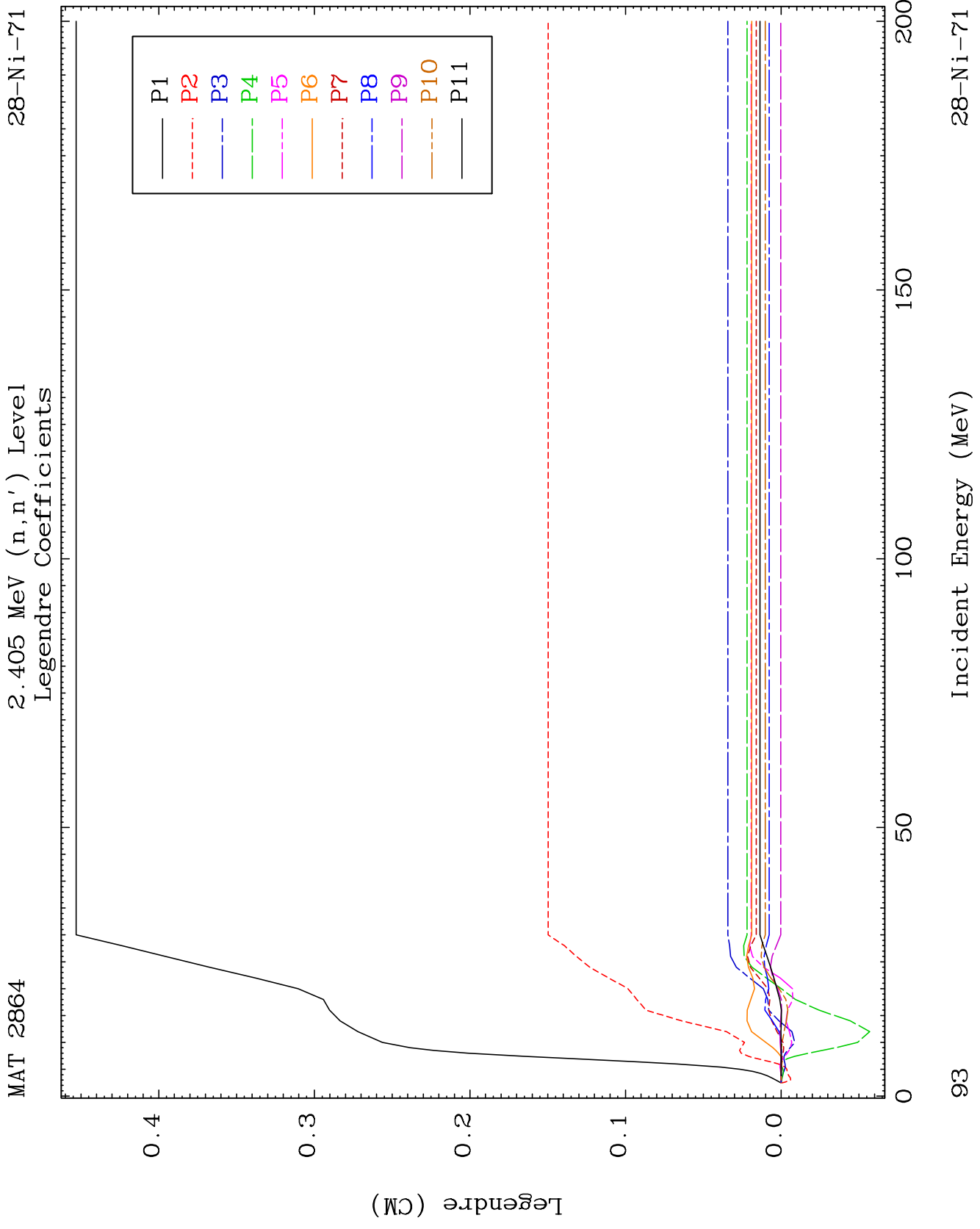
28-Ni-71

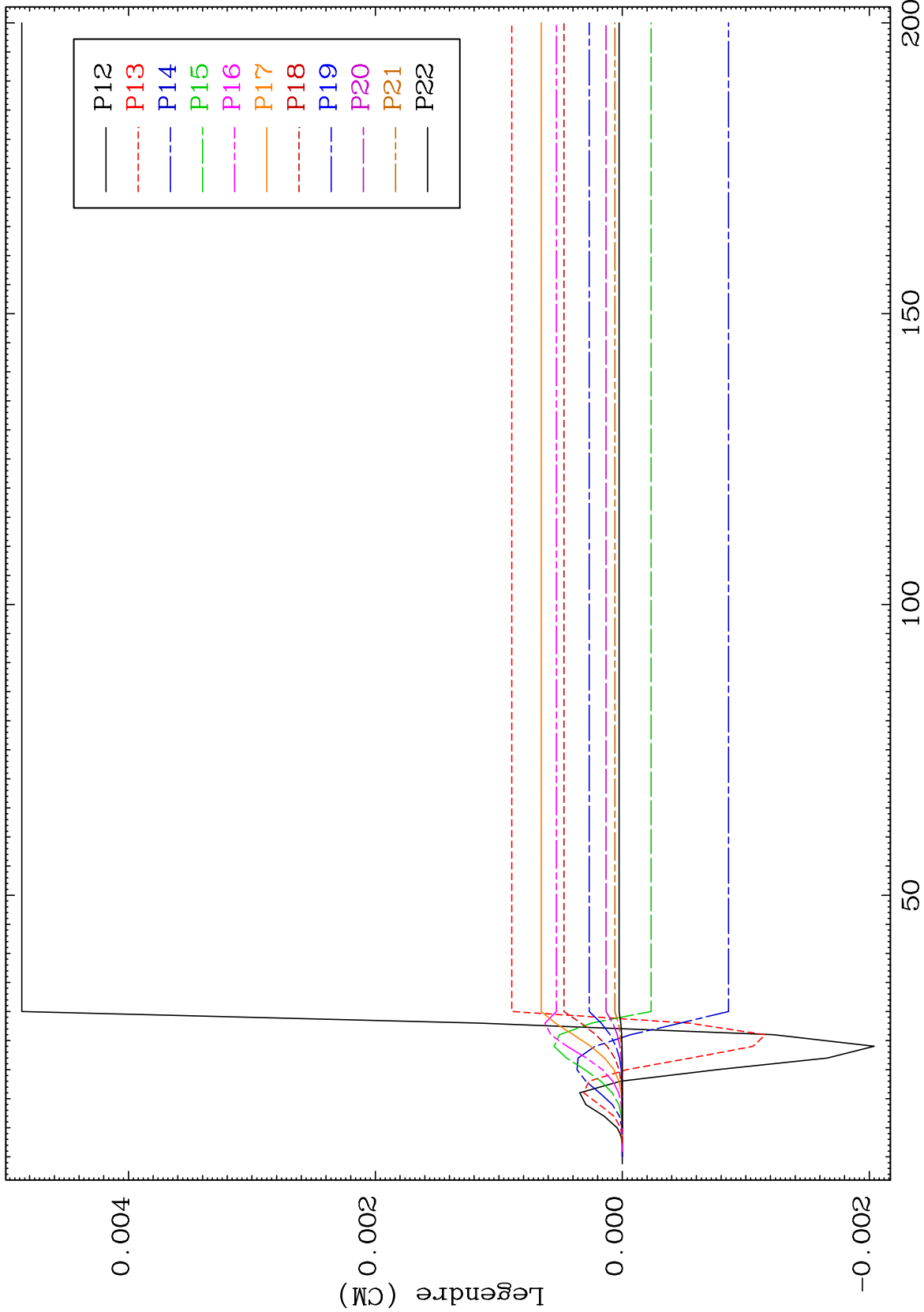
Incident Energy (MeV)

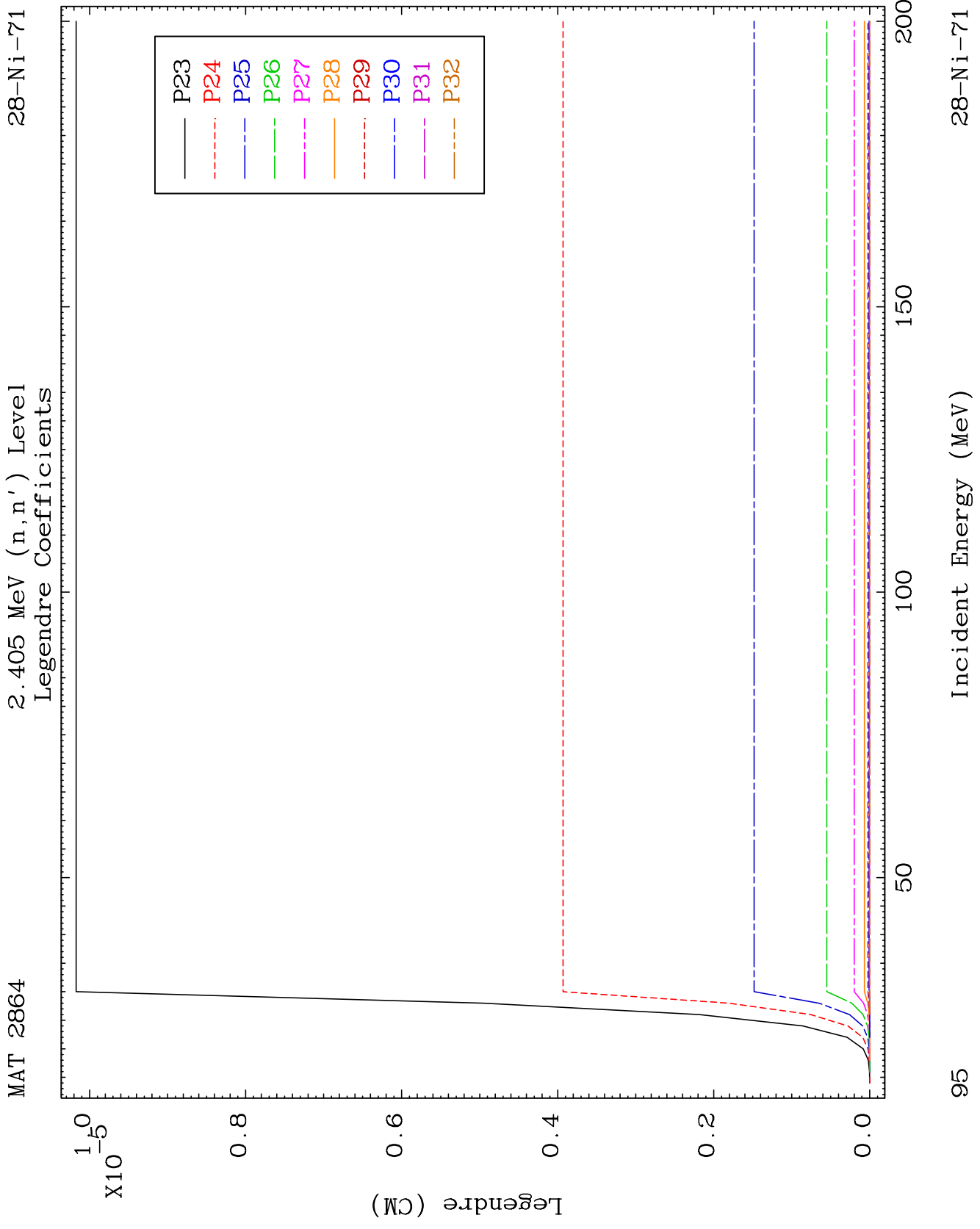
90



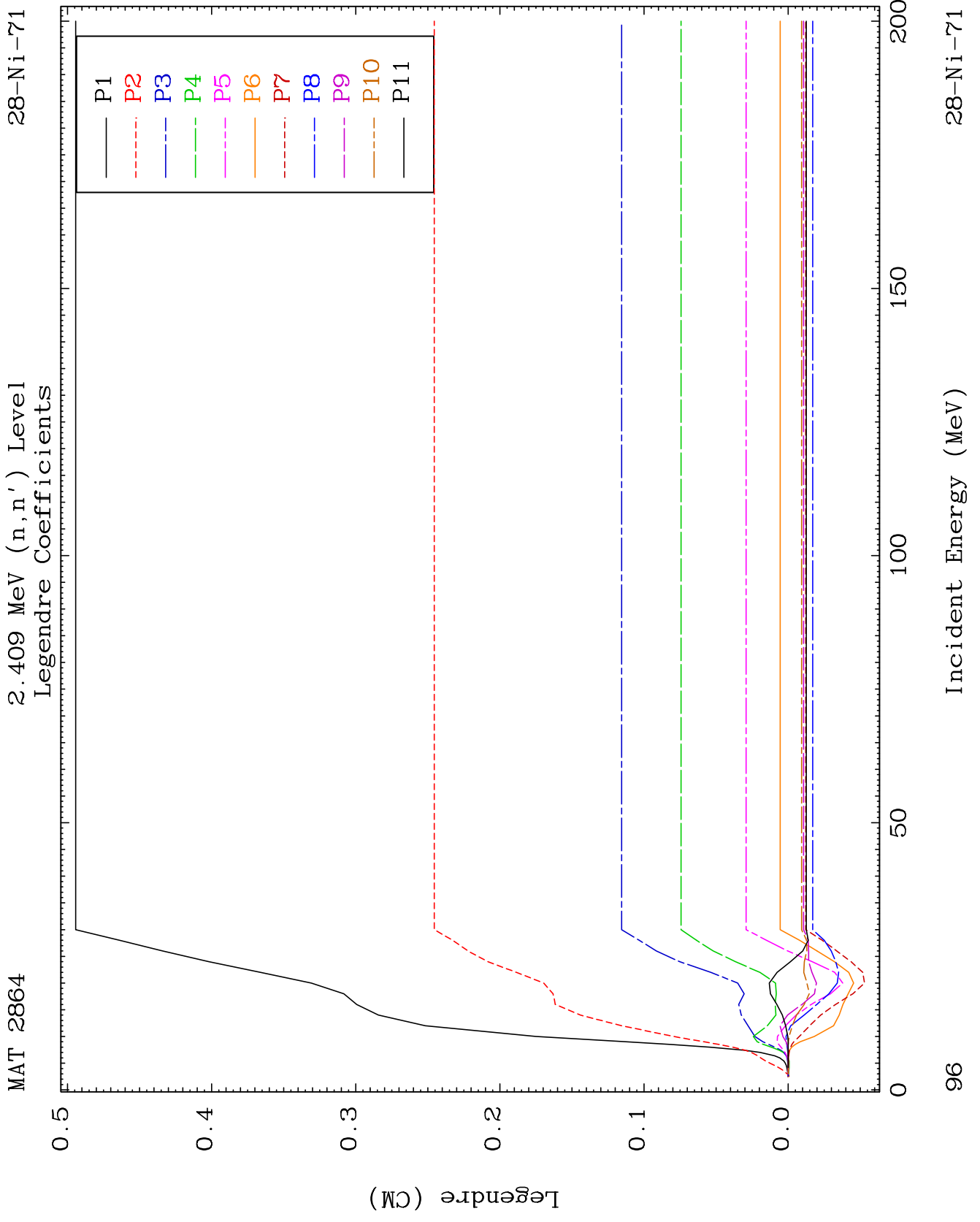








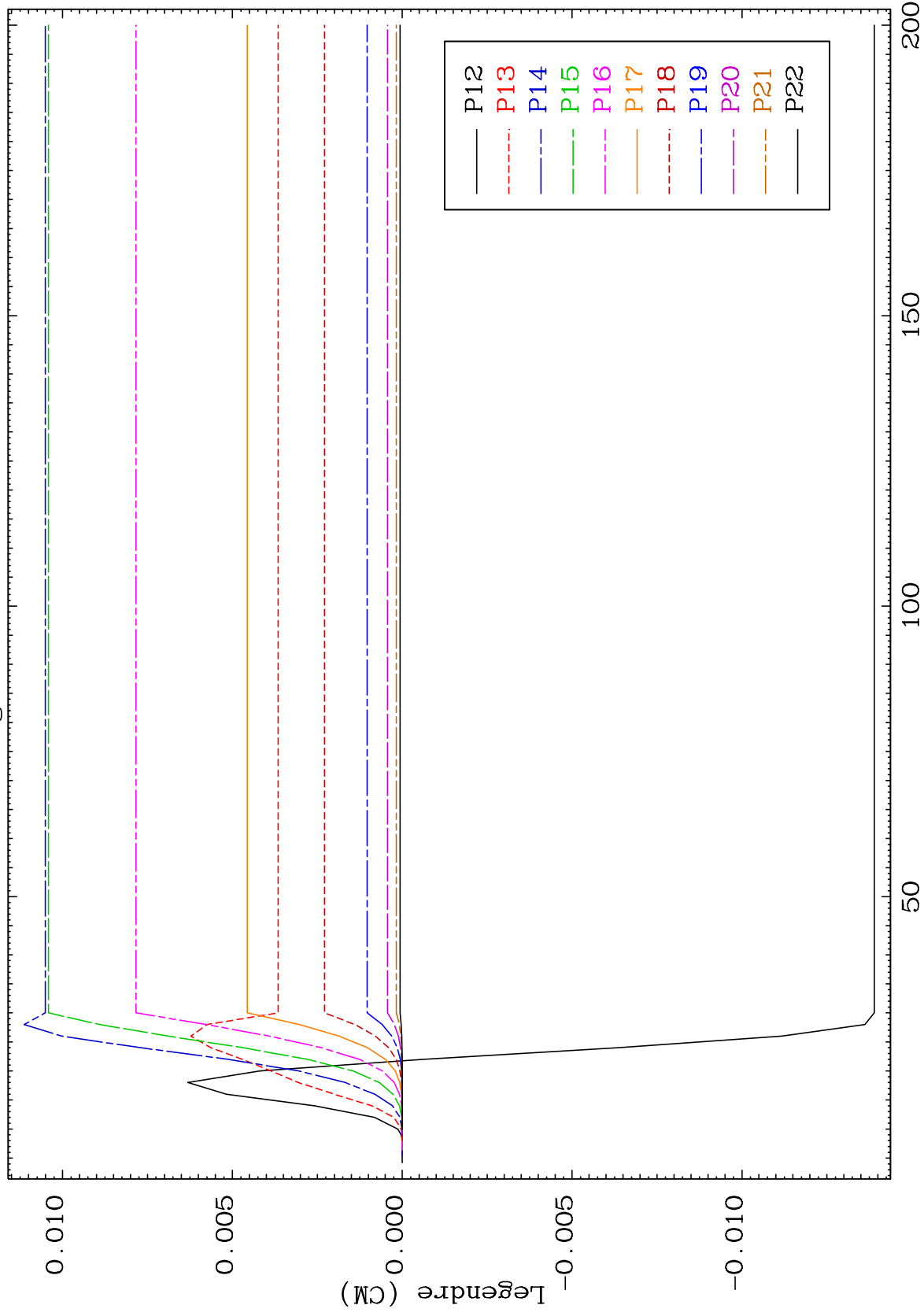




MAT 2864

2.409 MeV (n,n') Level  
Legendre Coefficients

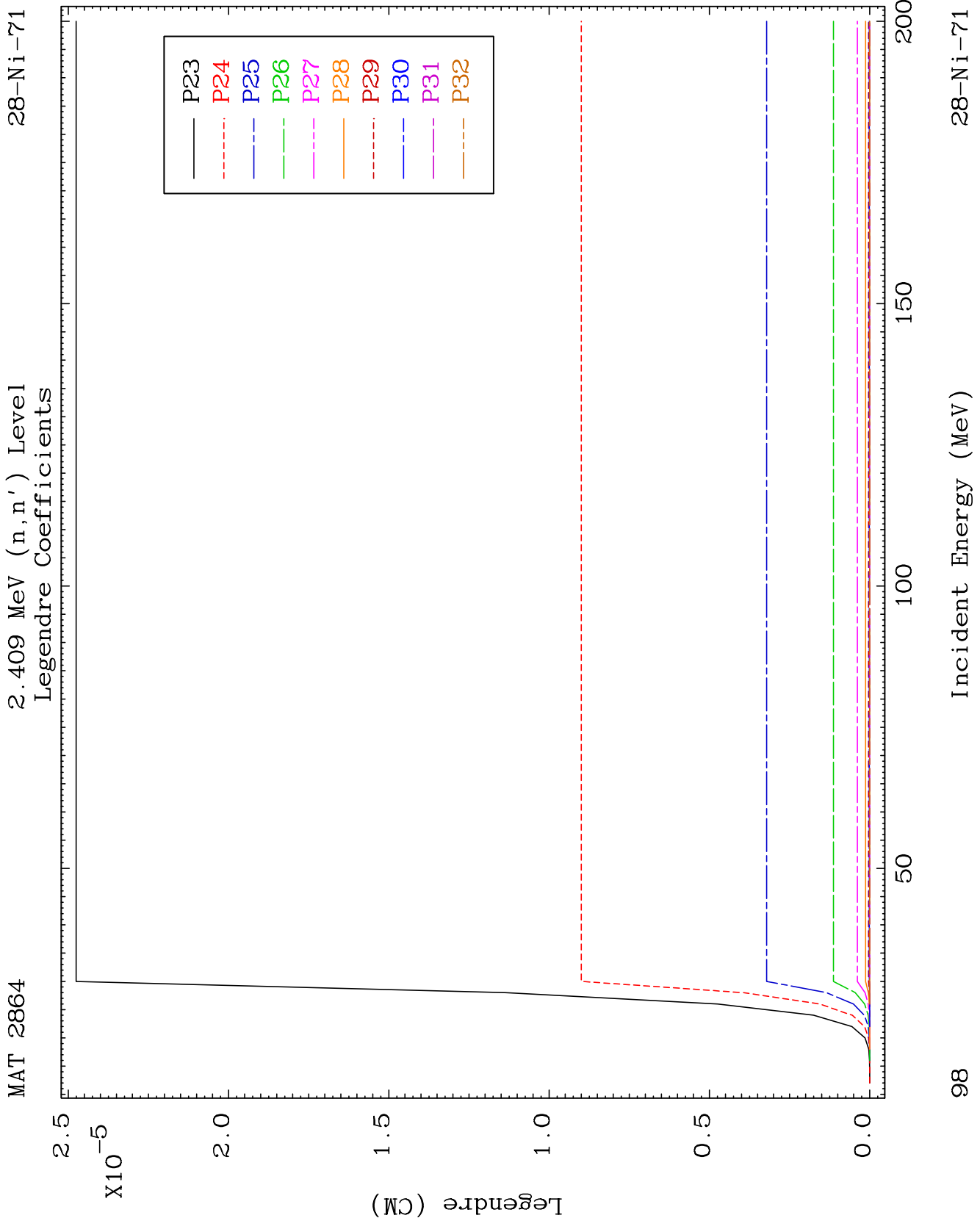
28-Ni-71

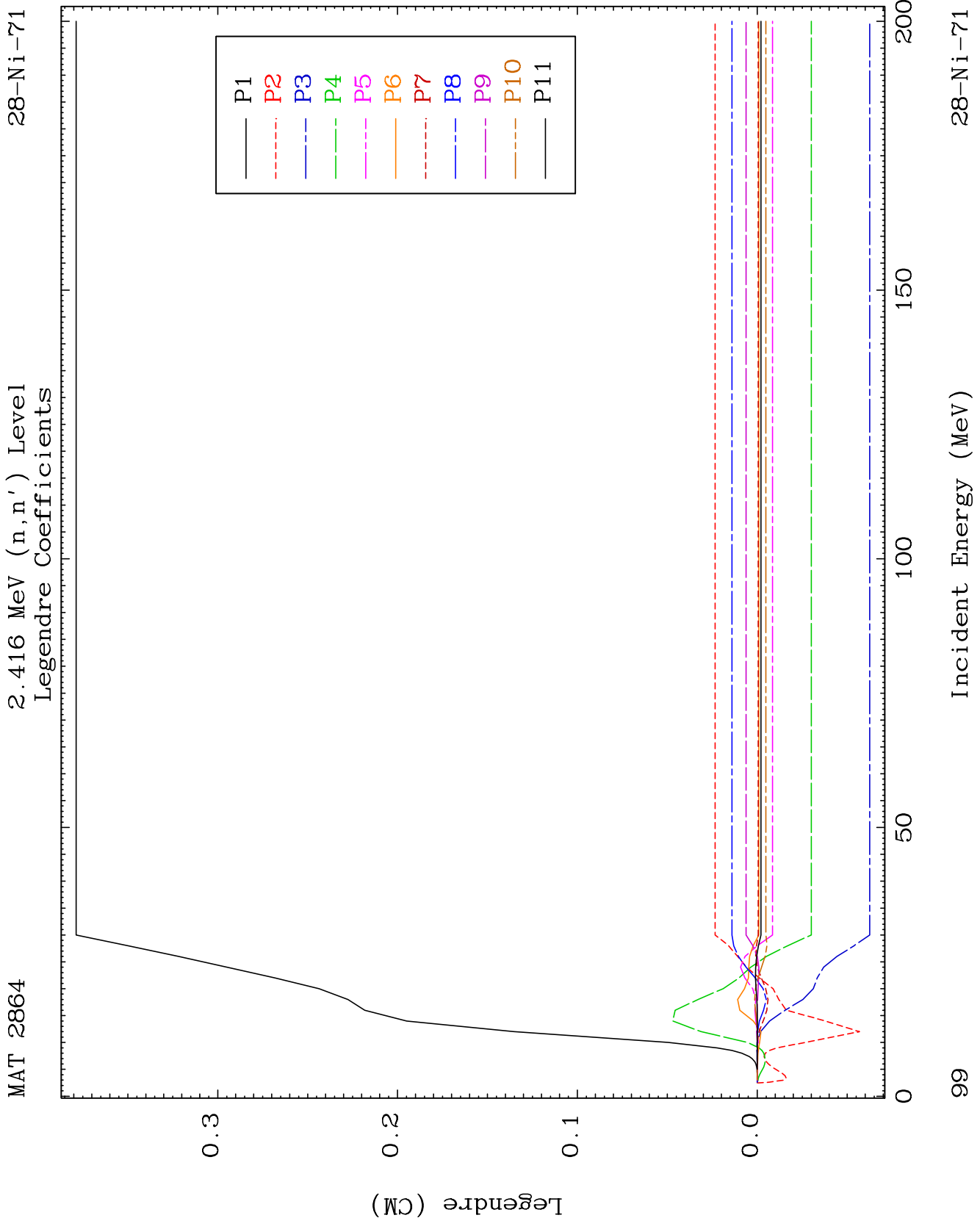


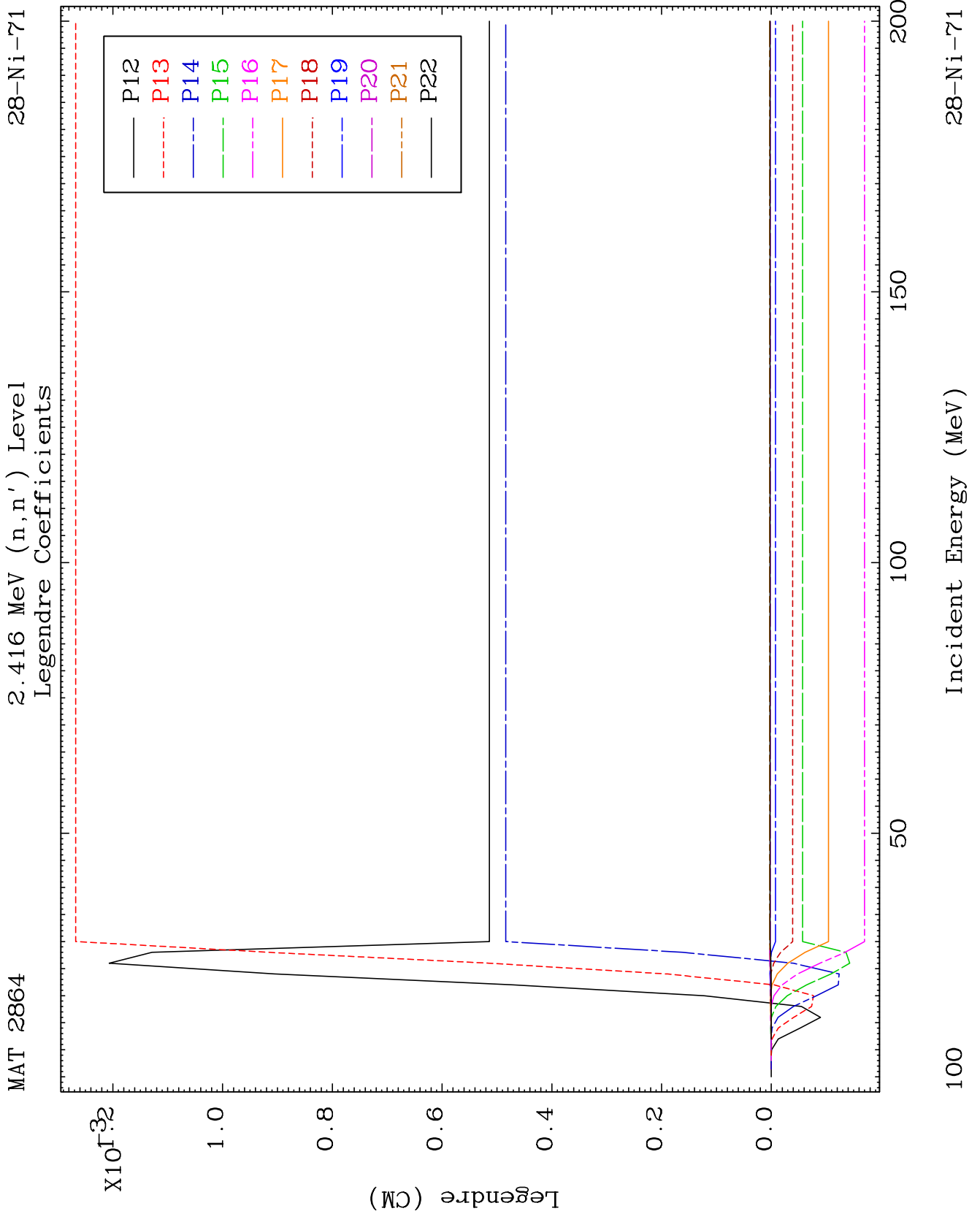
97

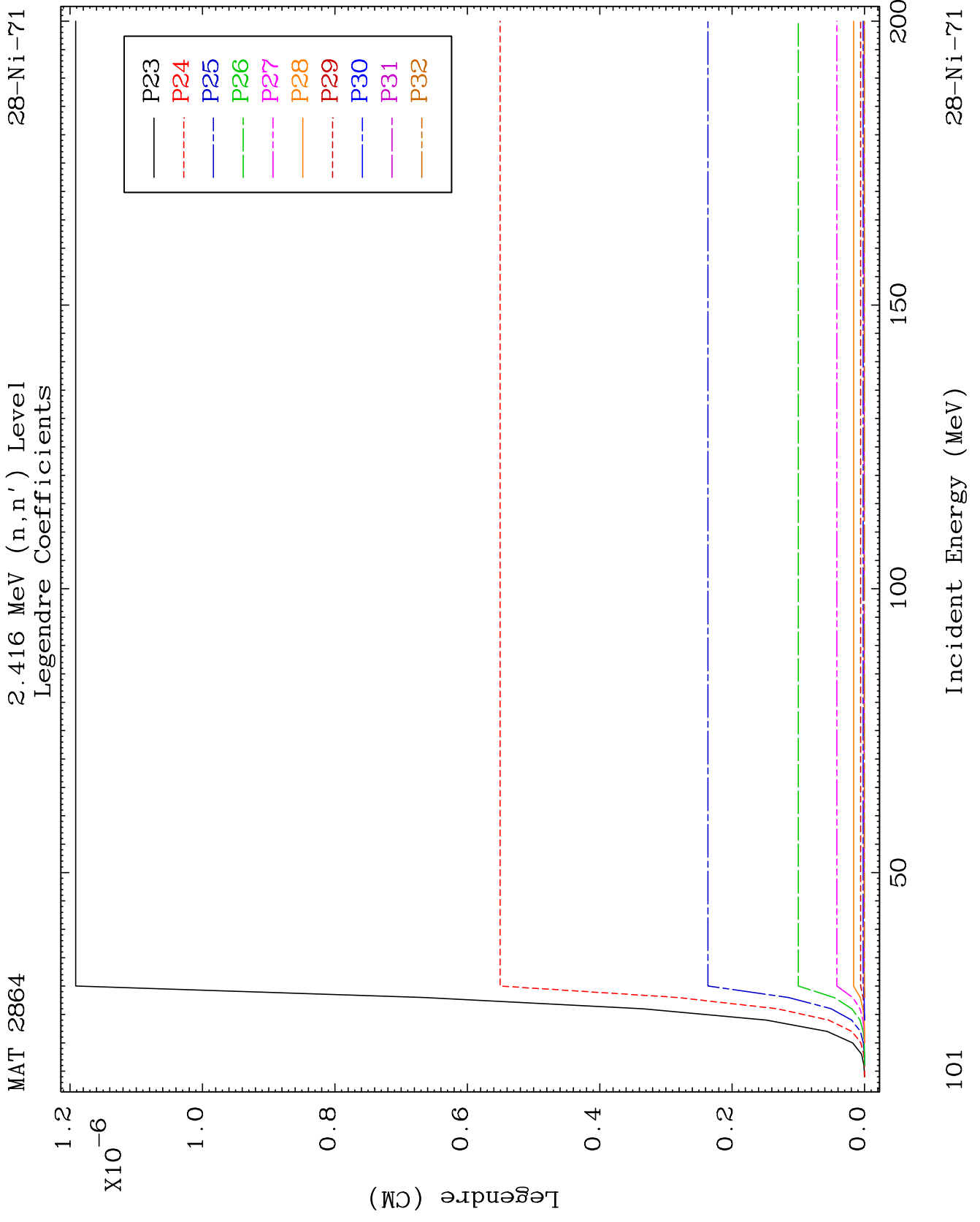
Incident Energy (MeV)

28-Ni-71





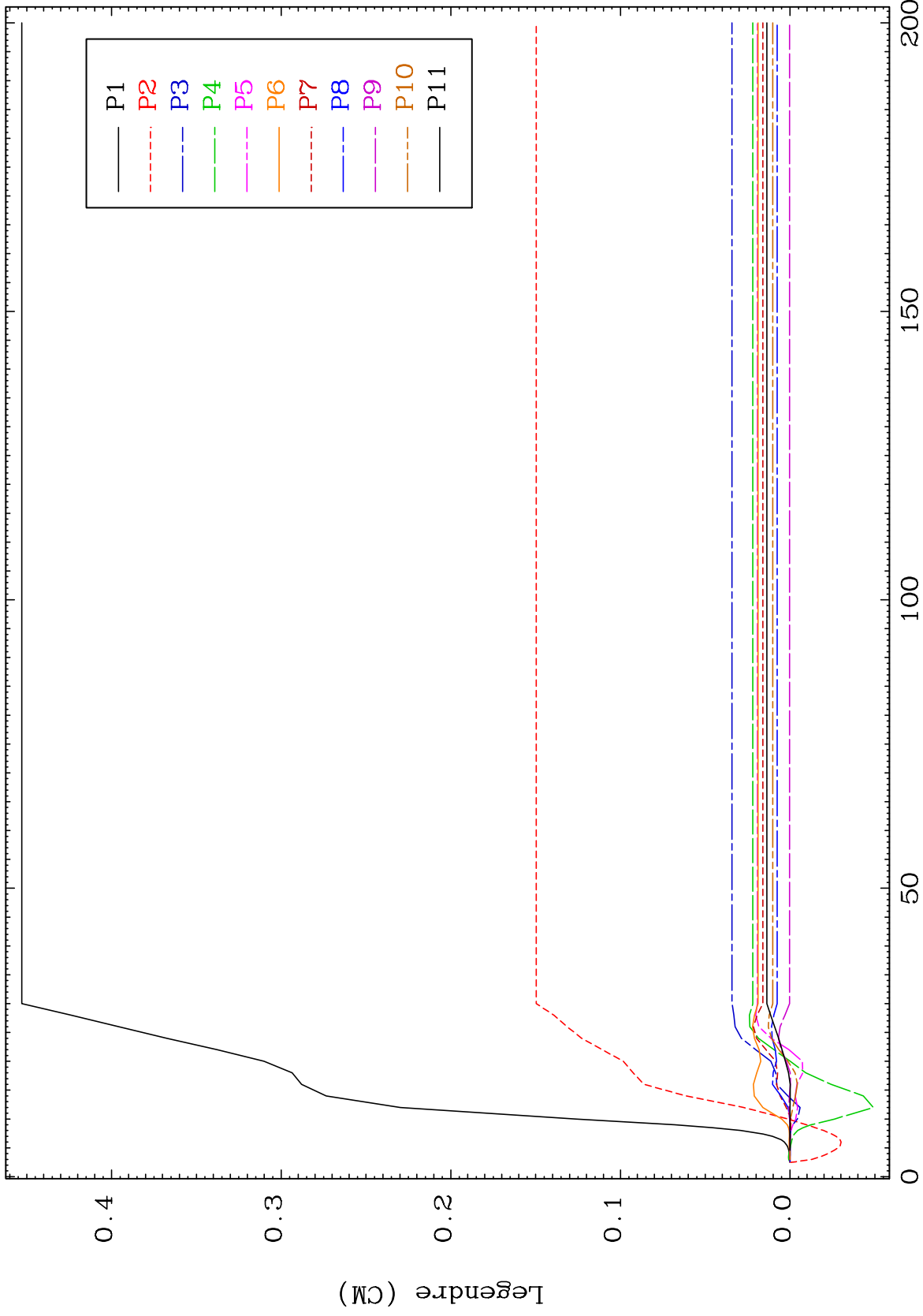




MAT 2864

2.428 MeV (n,n') Level  
Legendre Coefficients

28-Ni-71



102

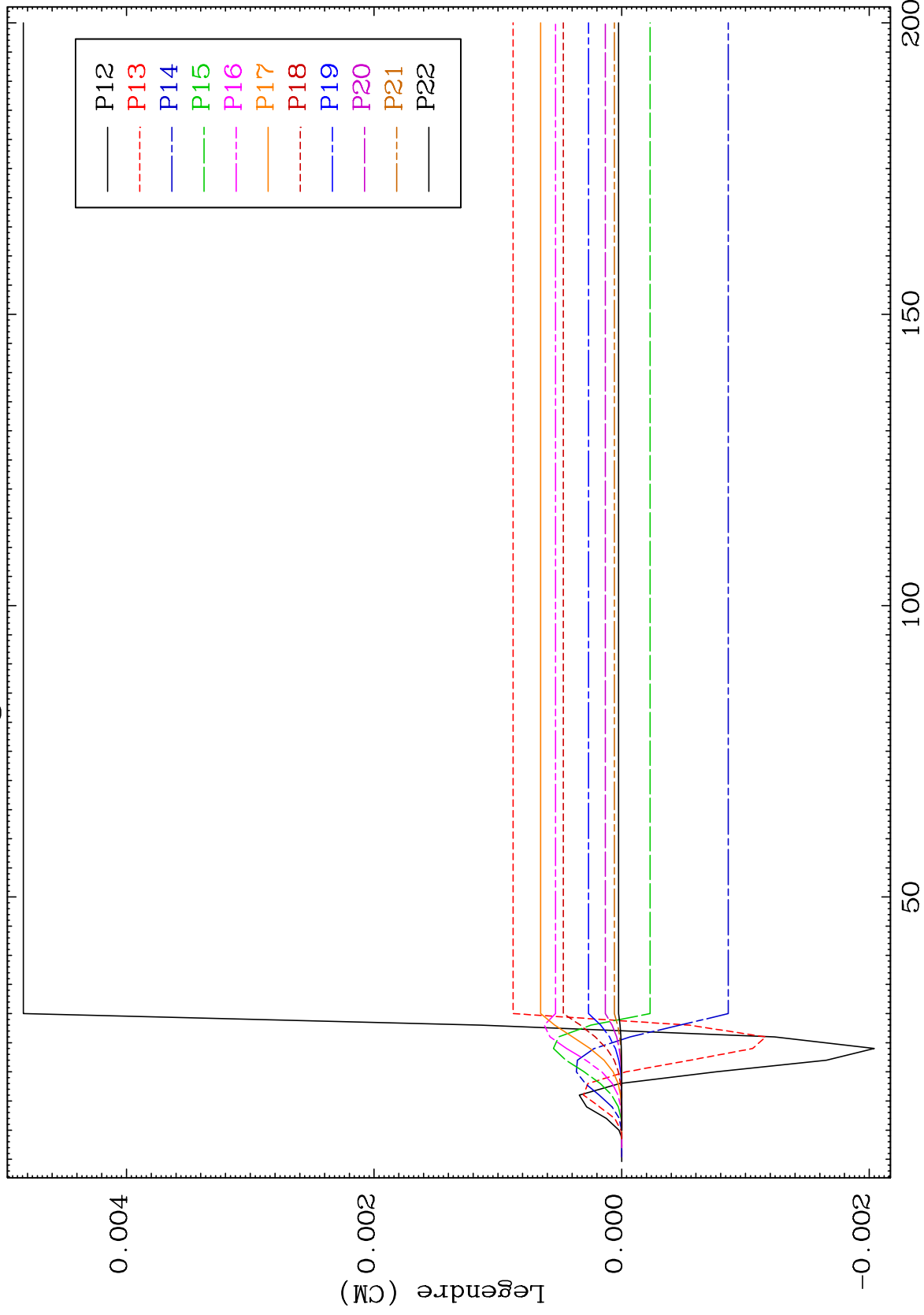
Incident Energy (MeV)

28-Ni-71

MAT 2864

2.428 MeV (n,n') Level  
Legendre Coefficients

28-Ni-71



103

Incident Energy (MeV)

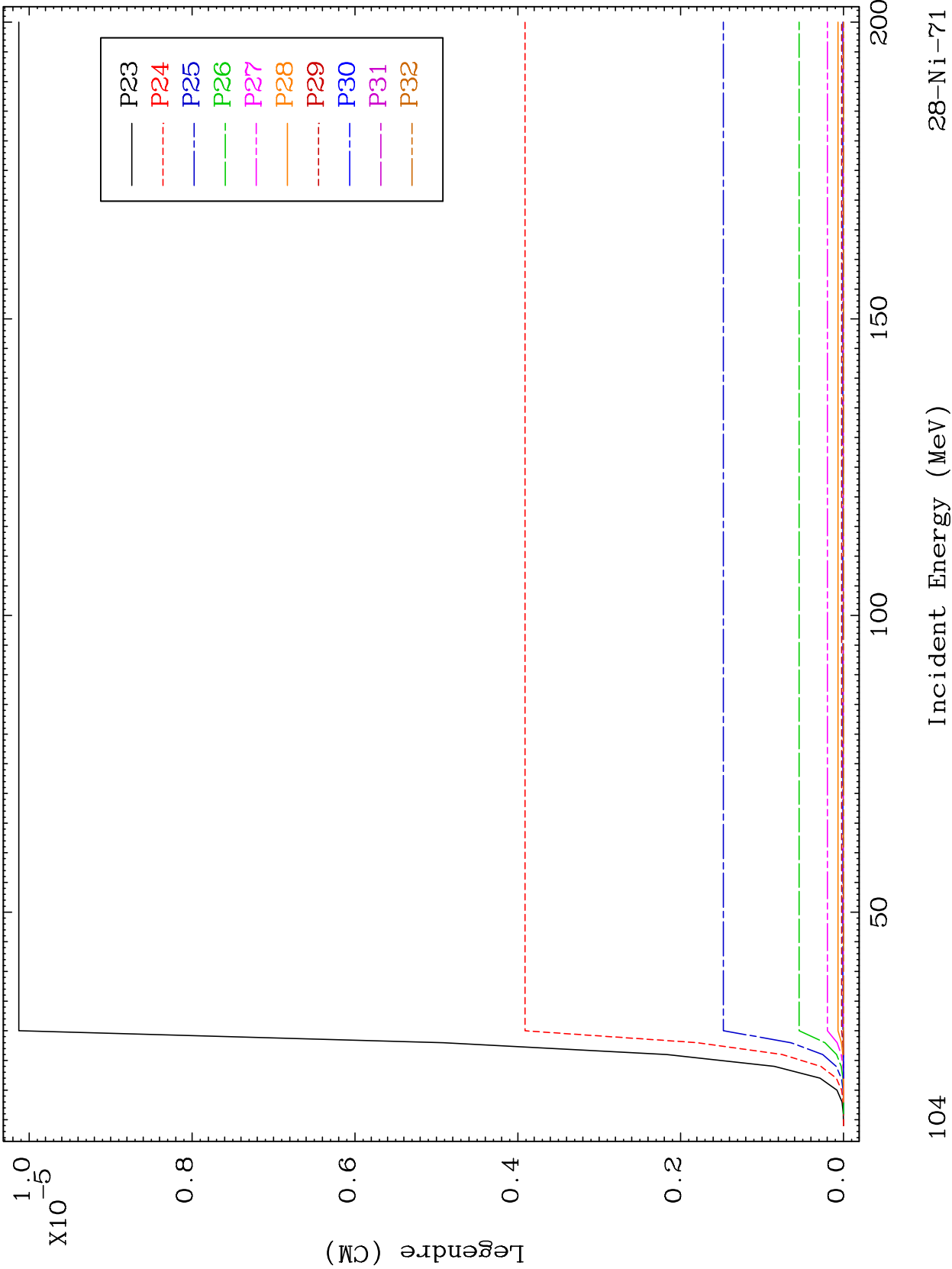
28-Ni-71



MAT 2864

2.428 MeV (n,n') Level  
Legendre Coefficients

28-Ni-71

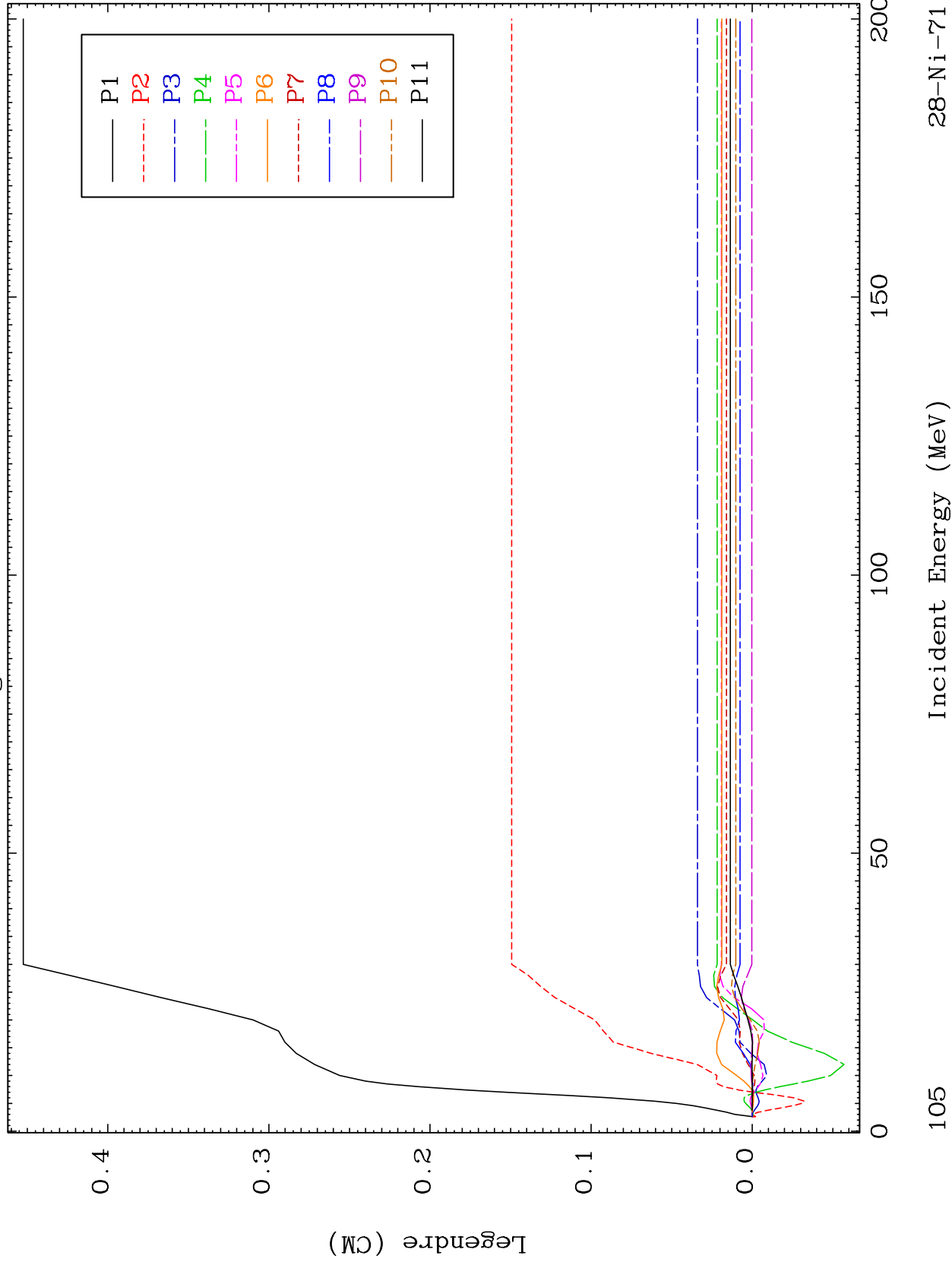


104

MAT 2864

2.496 MeV (n,n') Level  
Legendre Coefficients

28-Ni-71



28-Ni-71

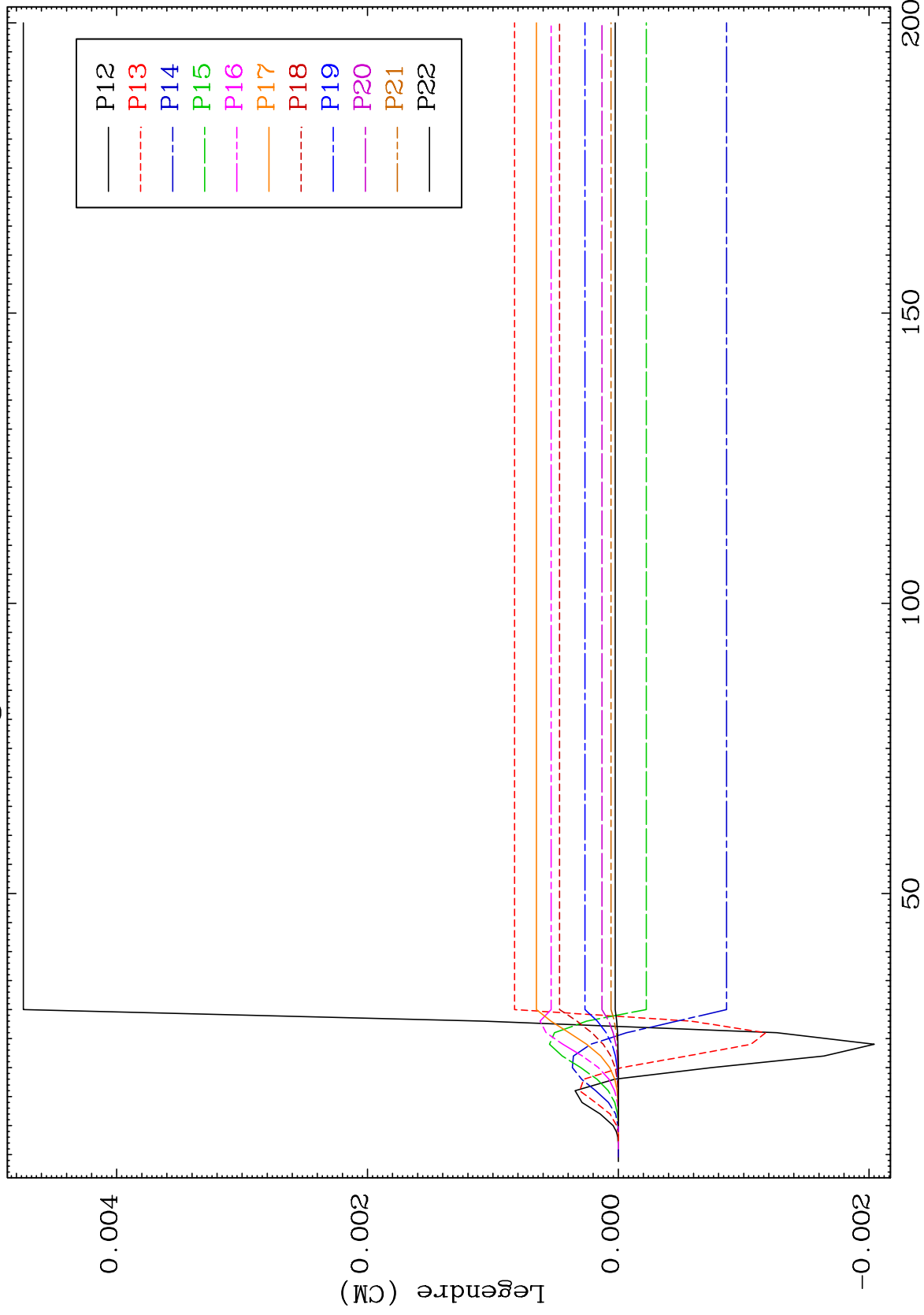
Incident Energy (MeV)

105

MAT 2864

2.496 MeV (n,n') Level  
Legendre Coefficients

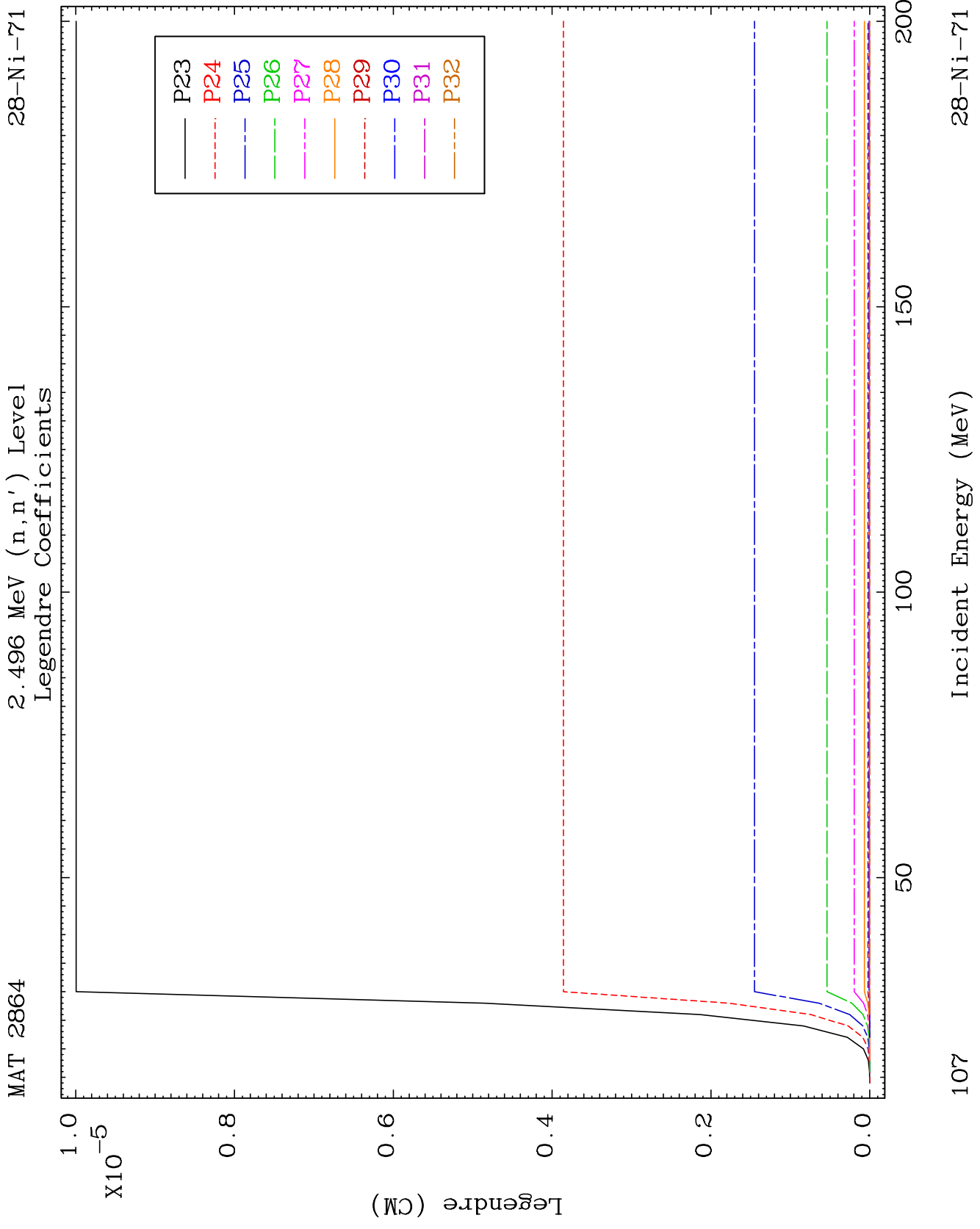
28-Ni-71



106

Incident Energy (MeV)

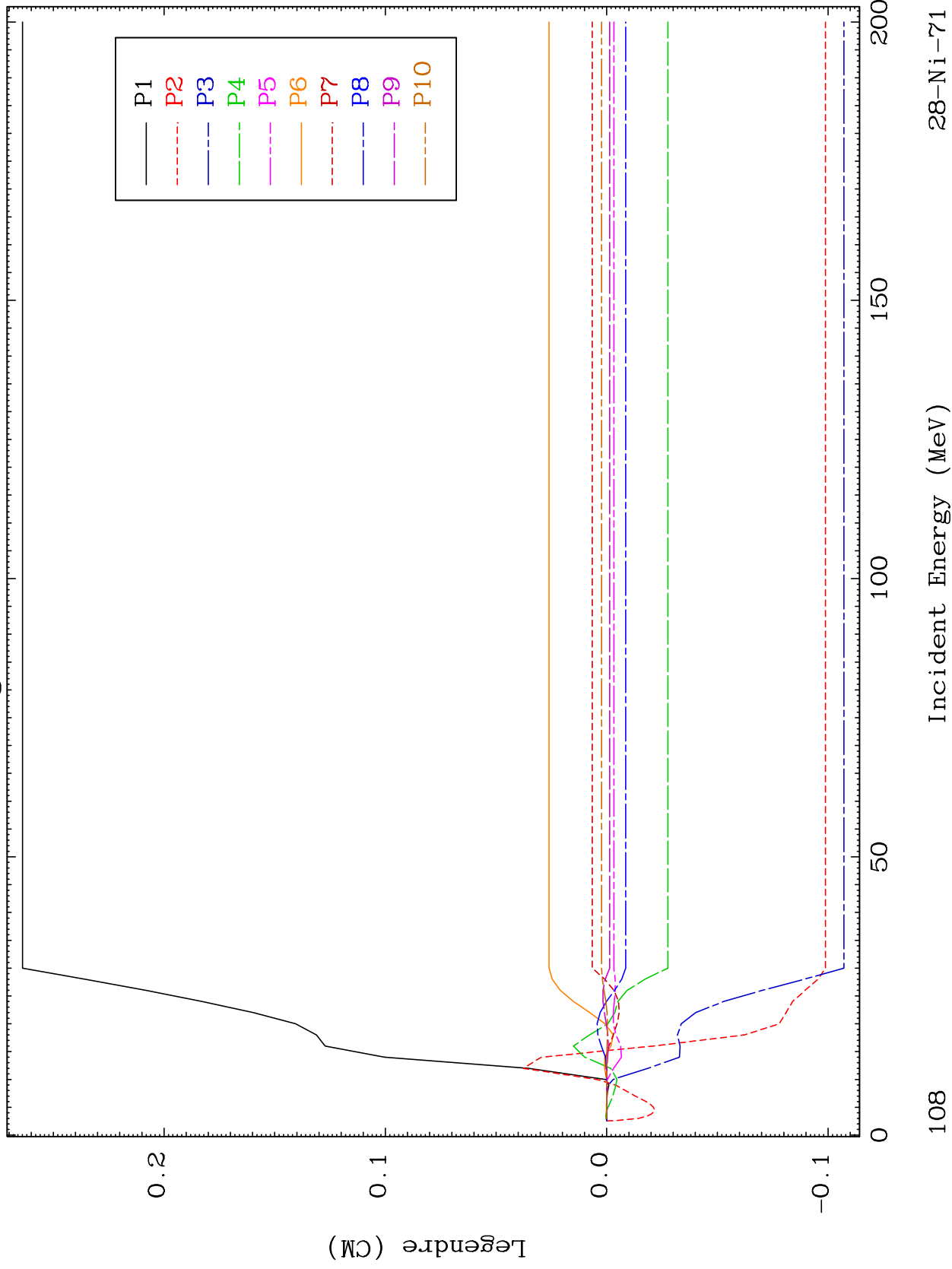
28-Ni-71



MAT 2864

2.500 MeV (n,n') Level  
Legendre Coefficients

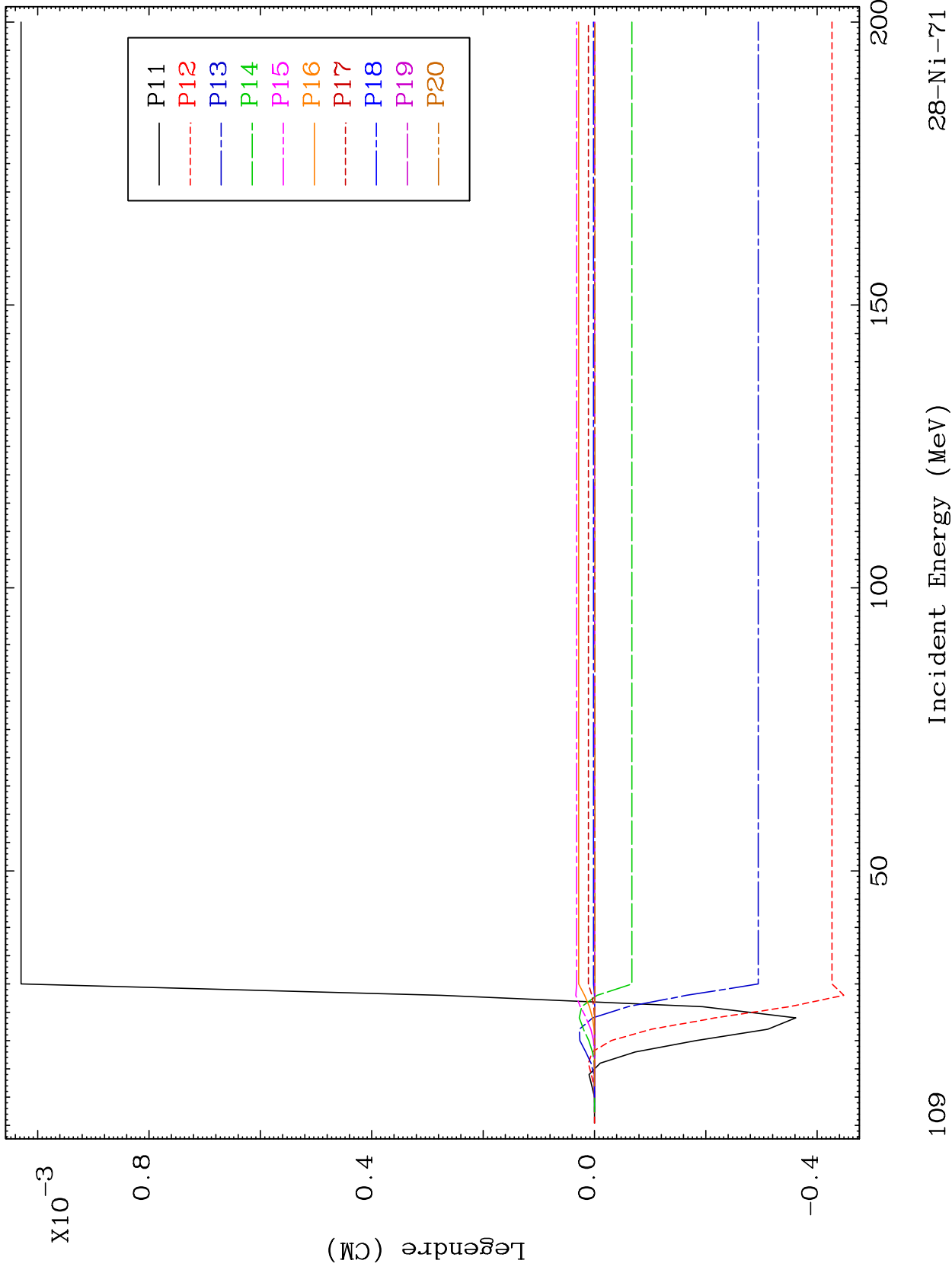
28-Ni-71

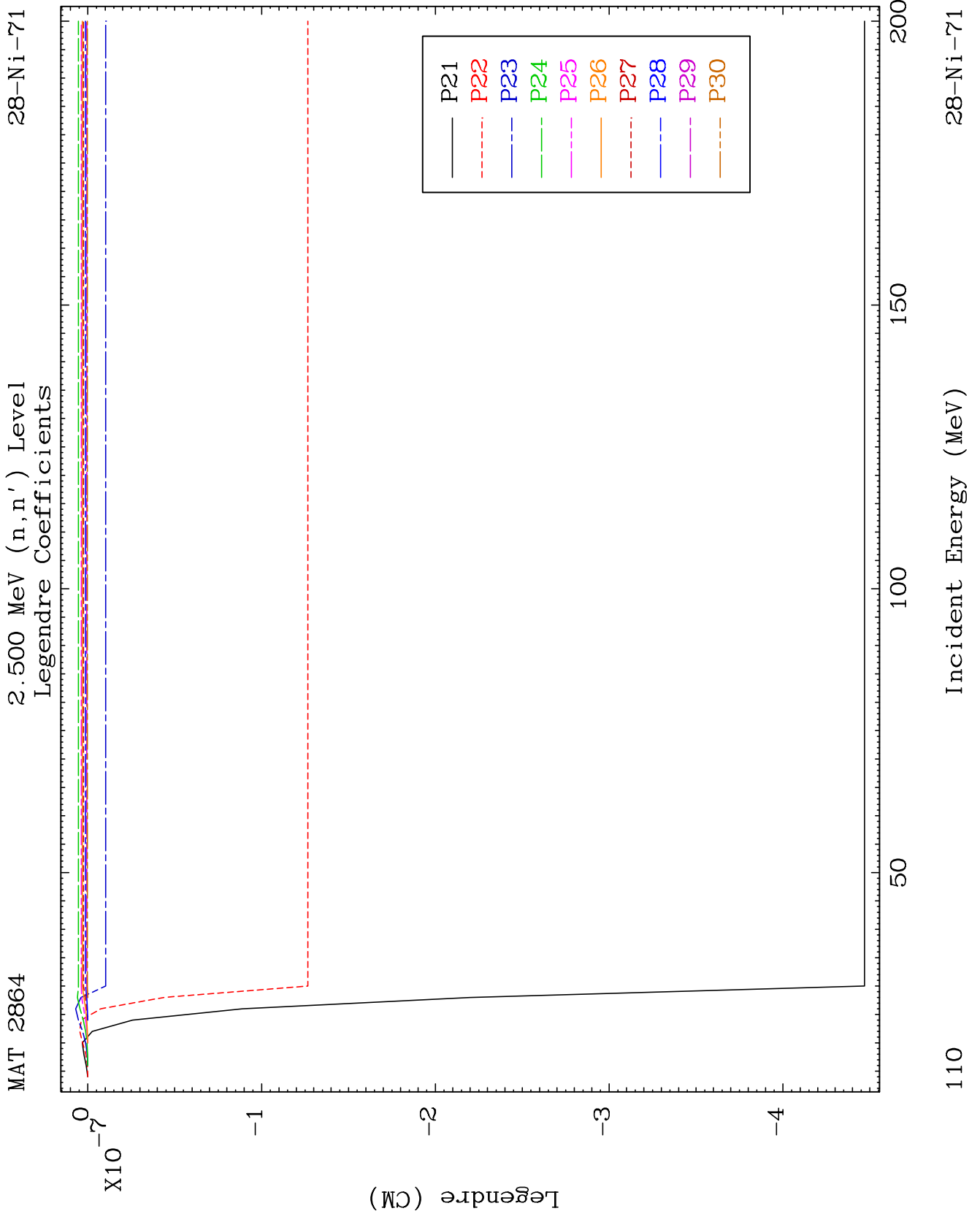


108

Incident Energy (MeV)

28-Ni-71

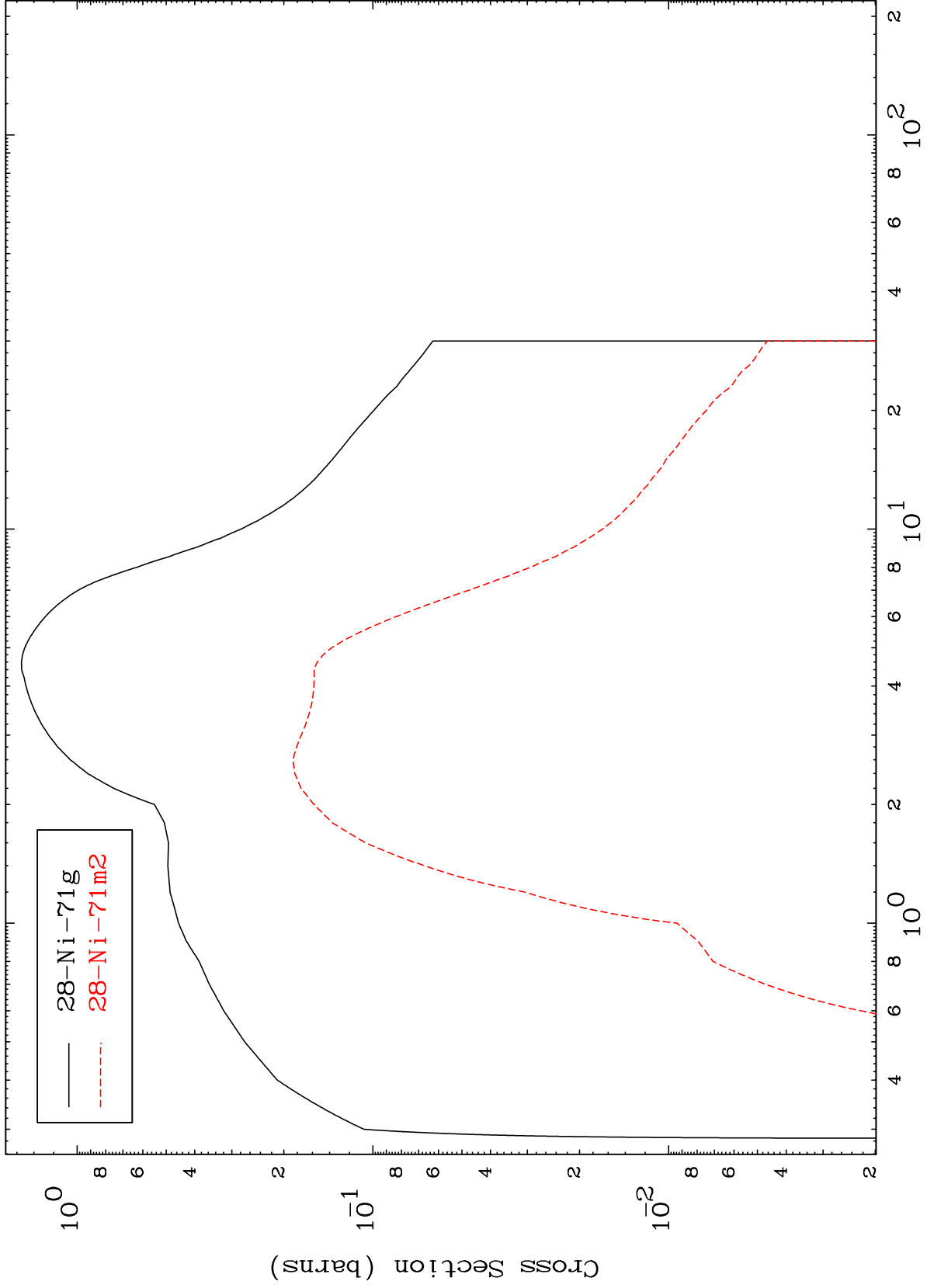




MAT 2864

### Inelastic Radionuclide Production Cross Section

28-Ni-71



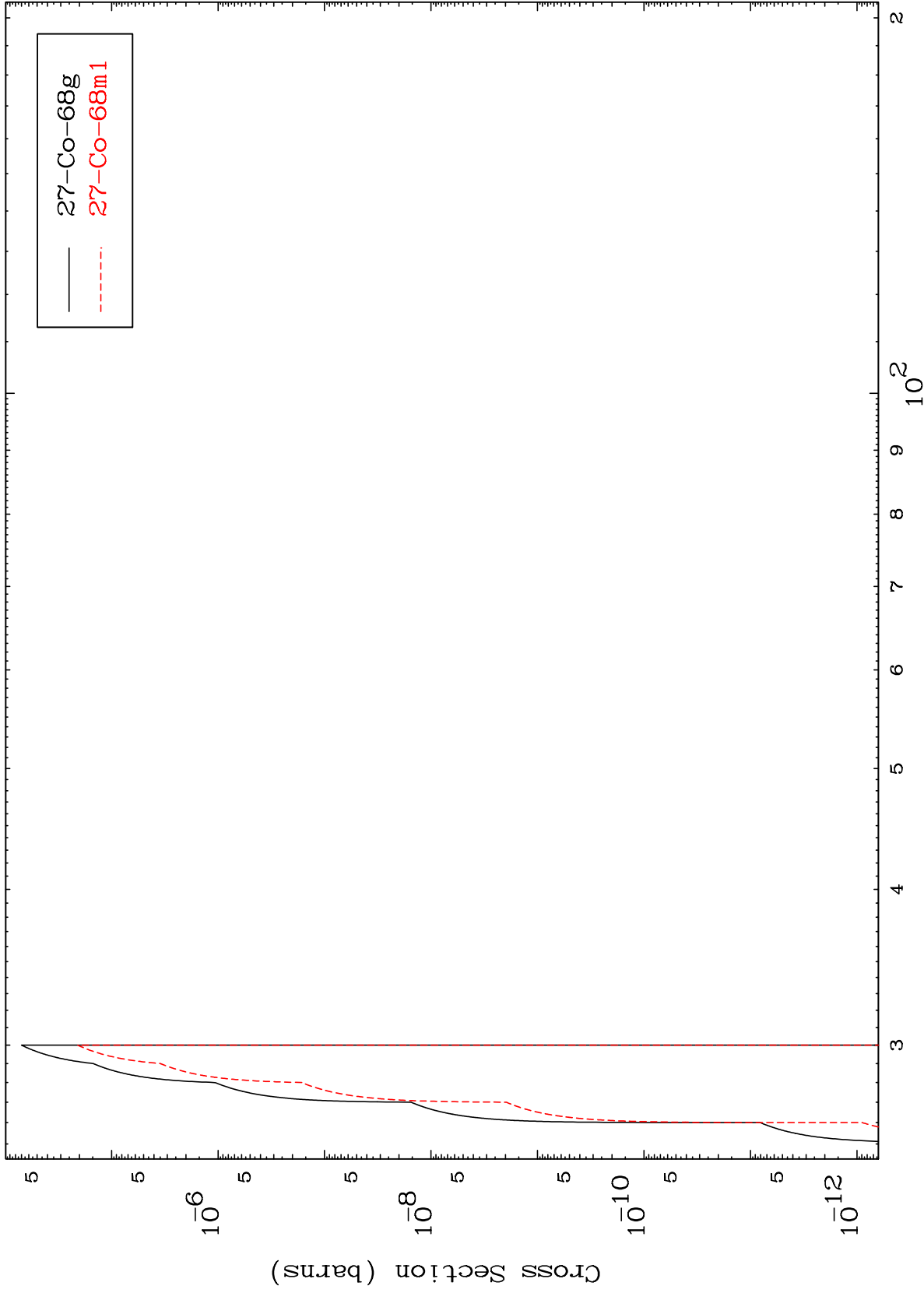
111

Incident Energy (MeV)

28-Ni-71



Radionuclide Production Cross Section

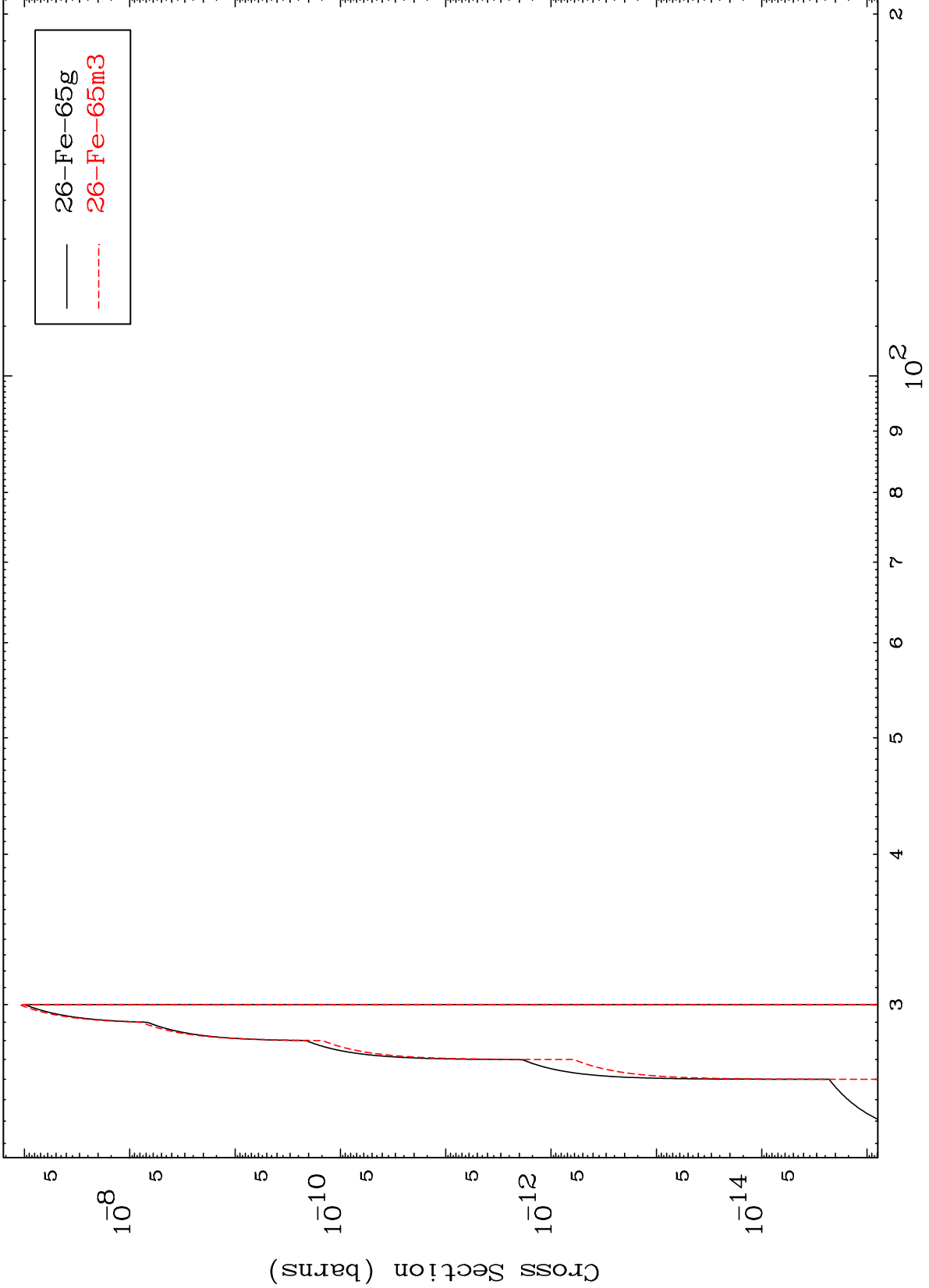


MAT 2864

(n,3n)  $\alpha$

28-Ni-71

Radionuclide Production Cross Section



113

Incident Energy (MeV)

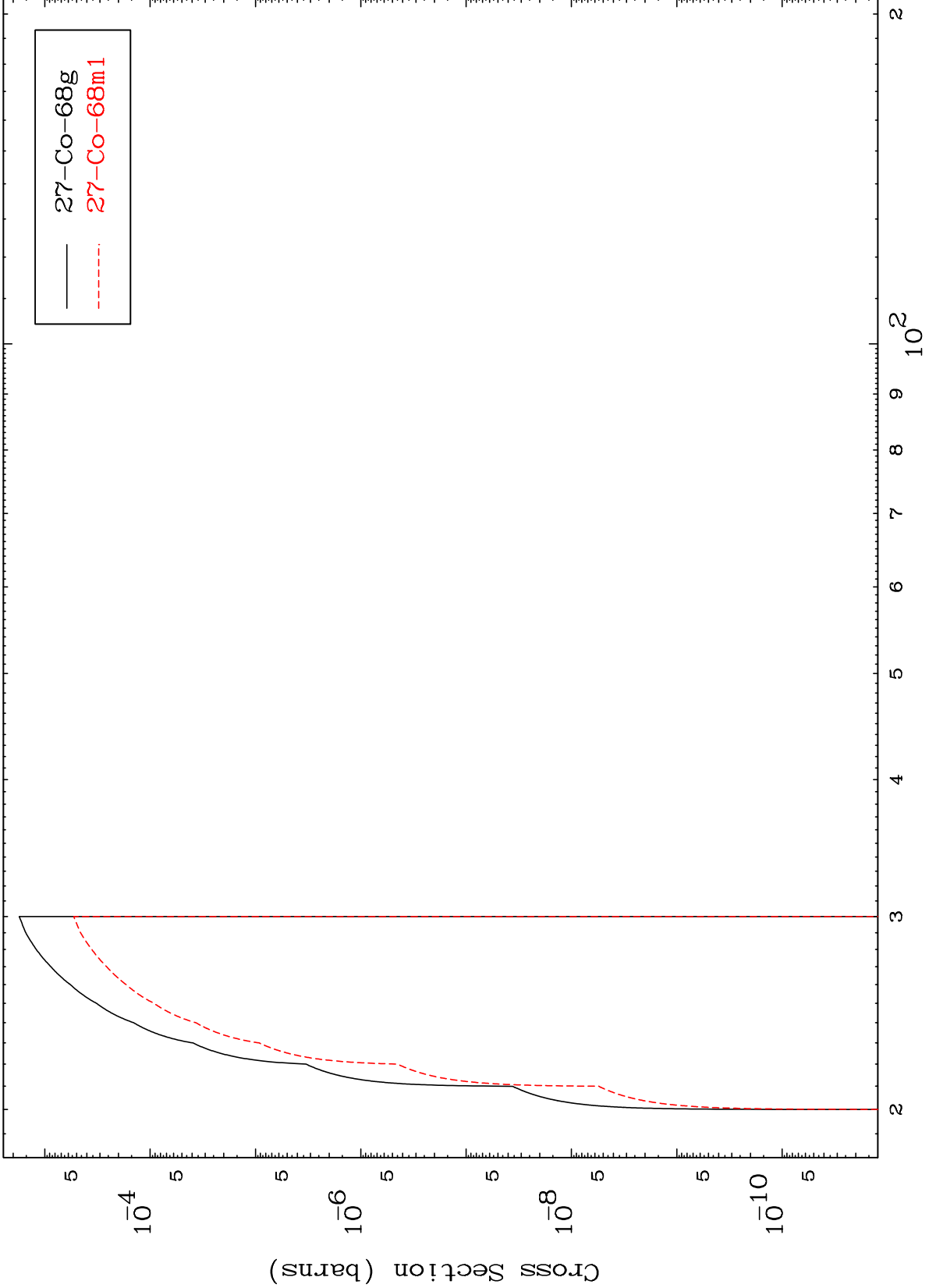
28-Ni-71

MAT 2864

(n,n') t

28-Ni-71

Radionuclide Production Cross Section



114

Incident Energy (MeV)

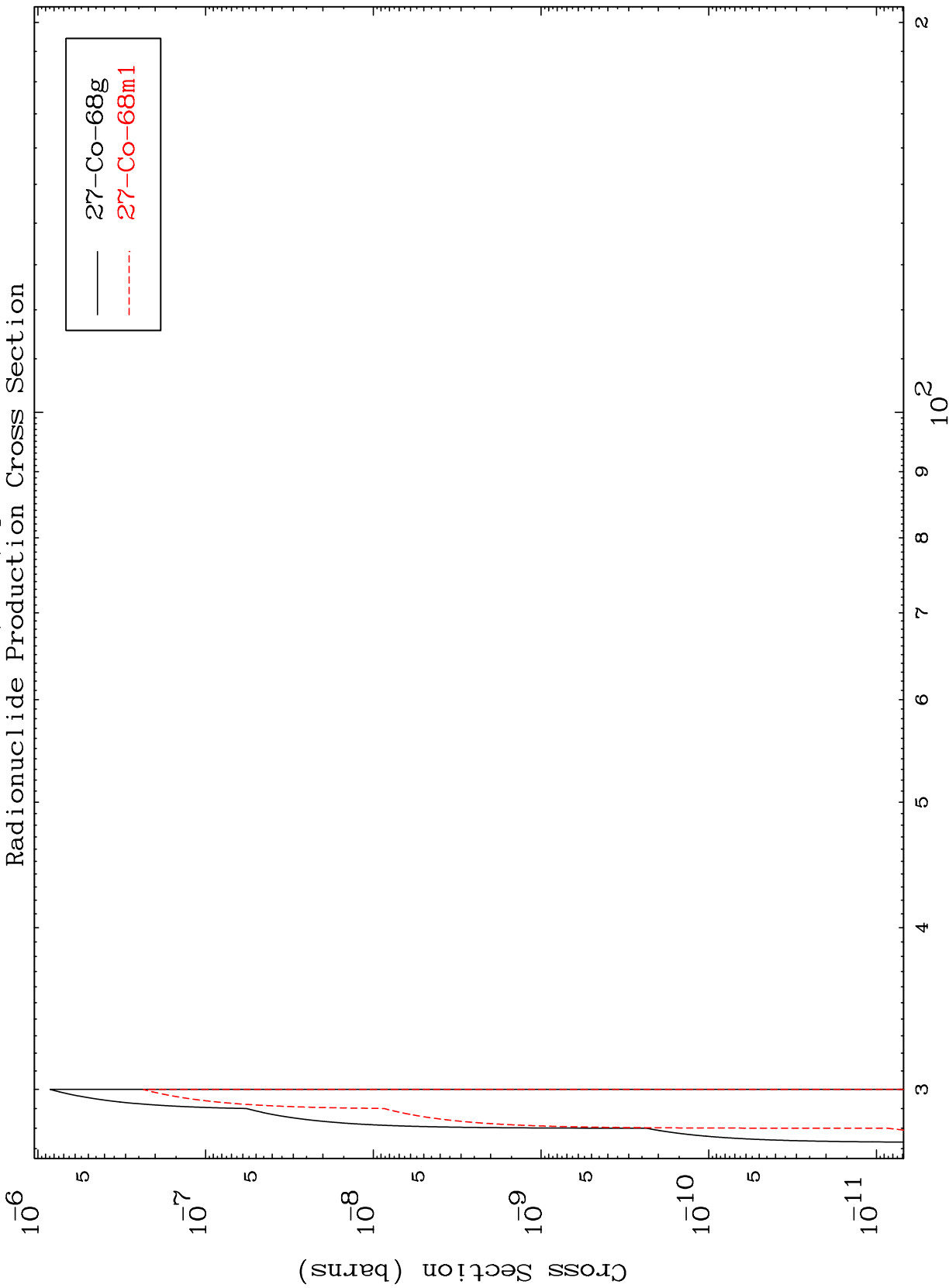
28-Ni-71

MAT 2864

(n,3n) p

<sup>28</sup>Ni-71

Radionuclide Production Cross Section



— 27-Co-68g  
- - - 27-Co-68m1

115

Incident Energy (MeV)

<sup>28</sup>Ni-71