

Program EVALPLOT
(Version 2015-2)

by

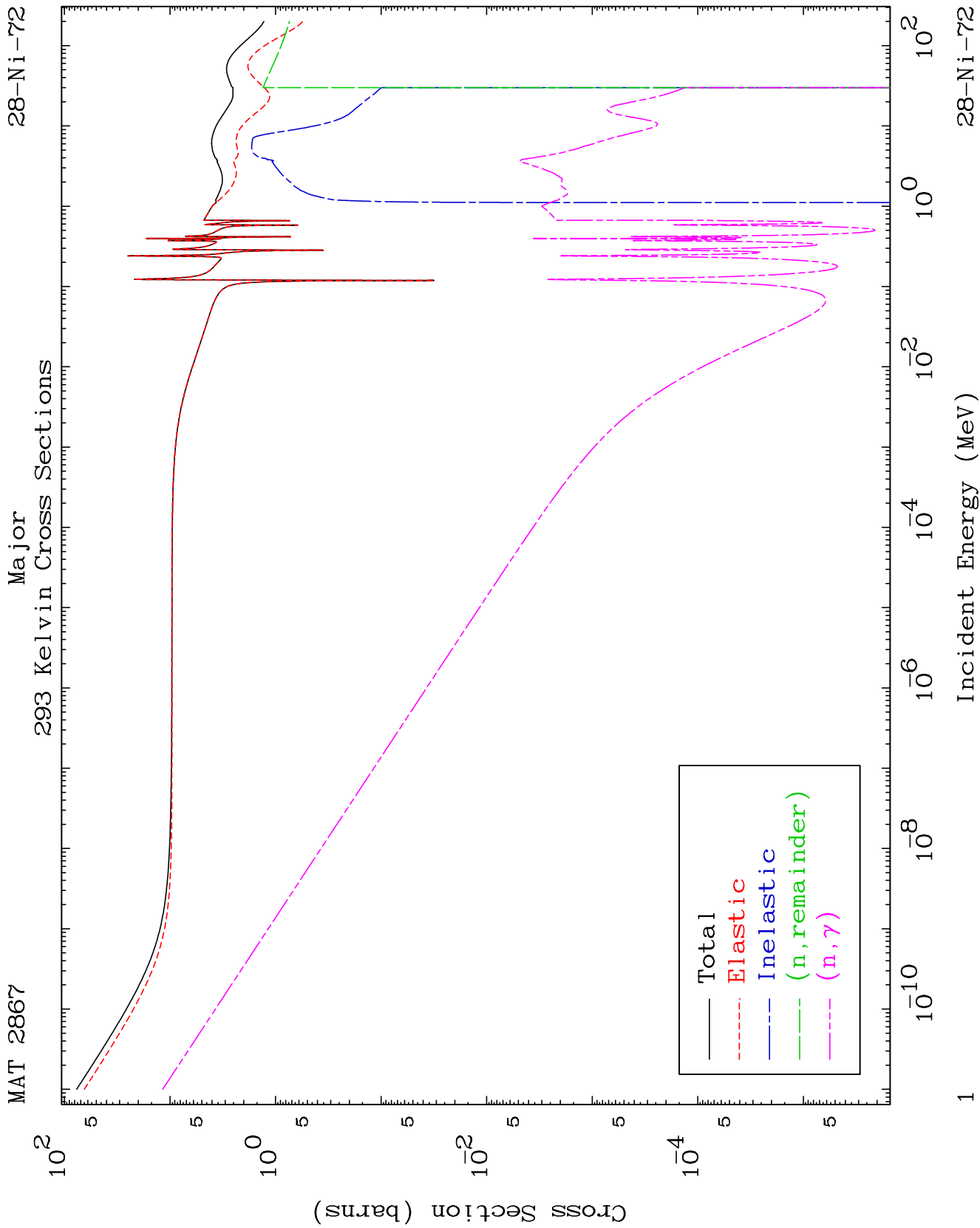
Dermott E. Cullen
(Present Contact Information)

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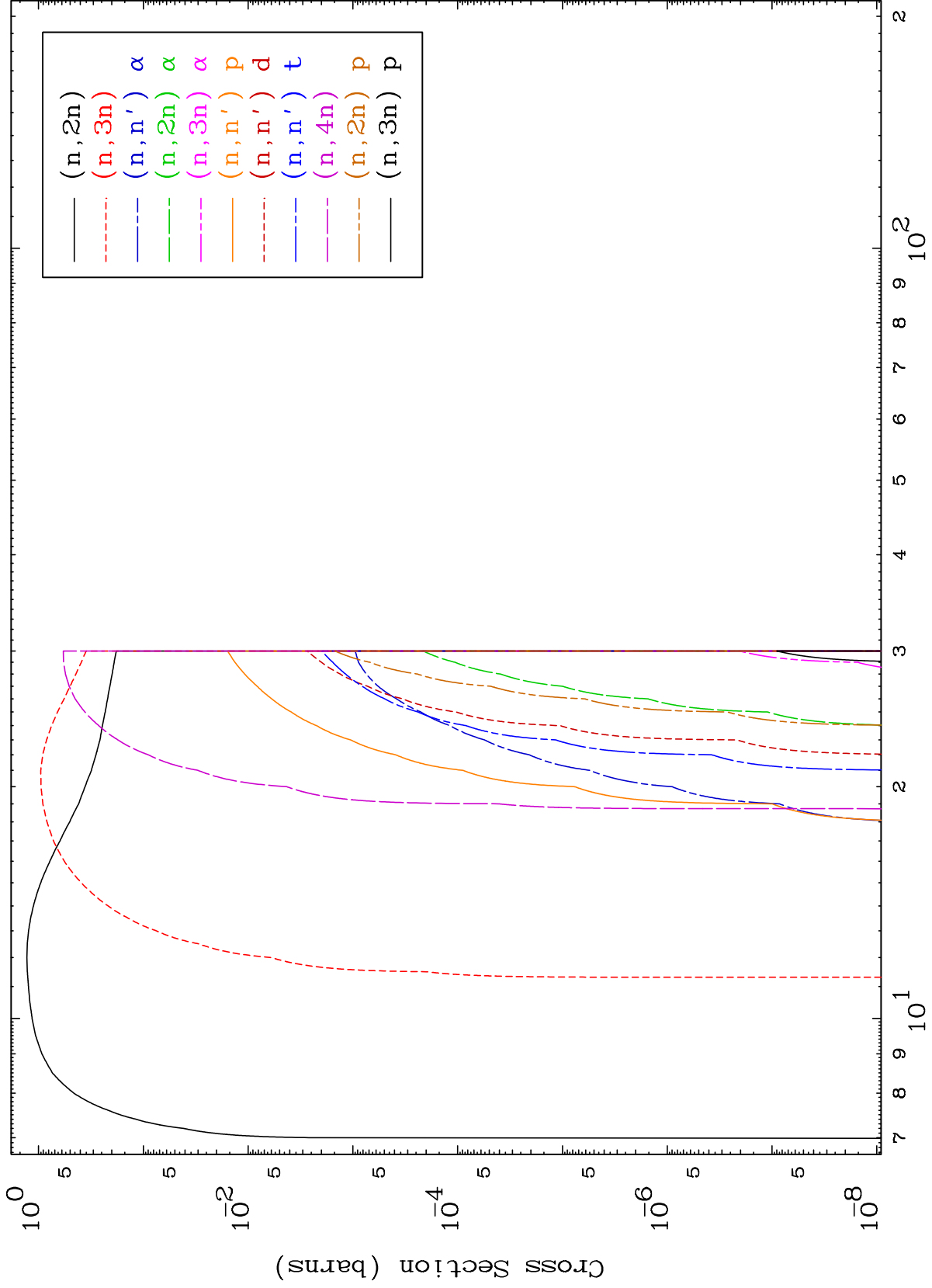
Press Mouse Button to Start



MAT 2867

Neutron Production
293 Kelvin Cross Sections

28-Ni-72



2

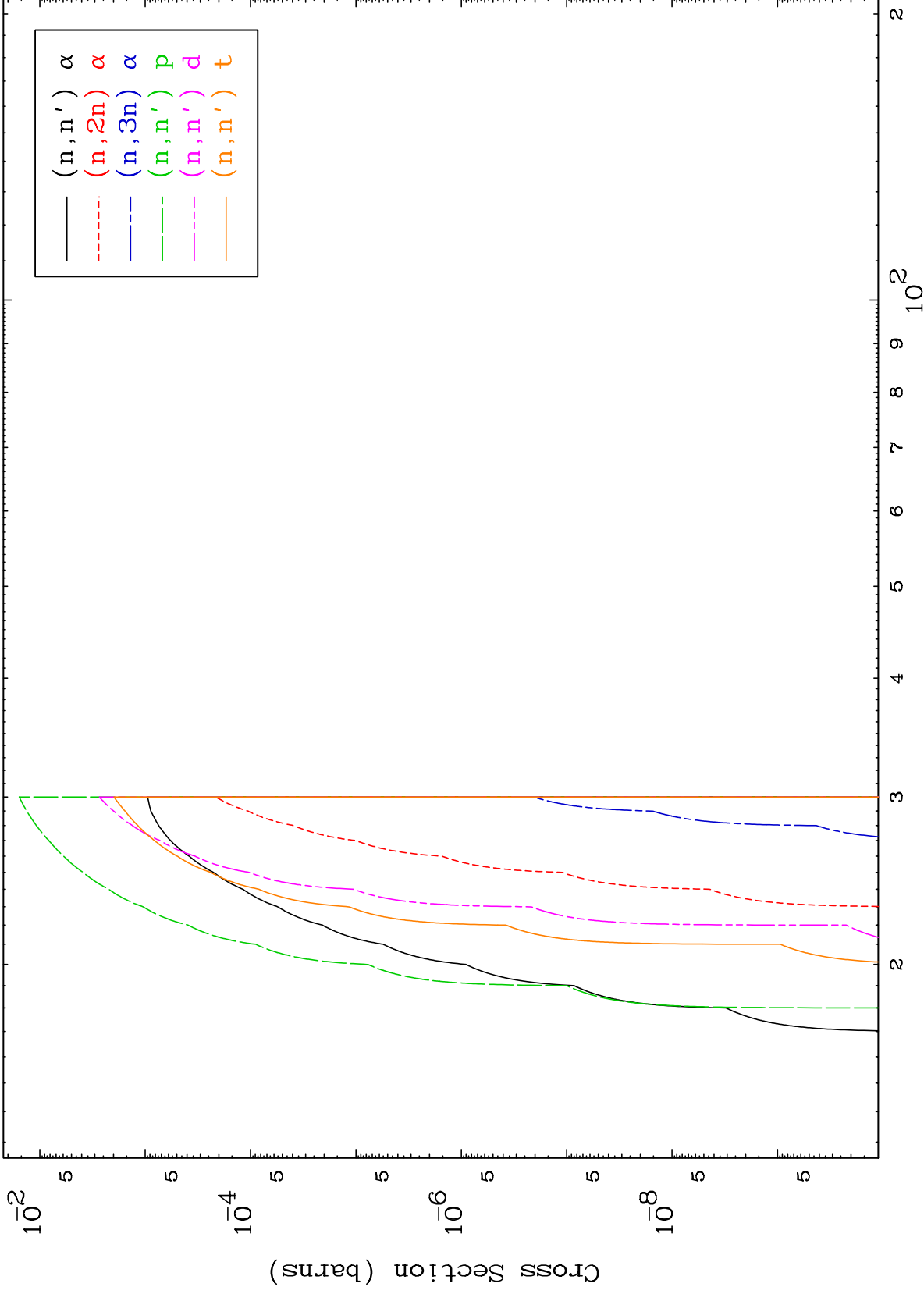
Incident Energy (MeV)

28-Ni-72

MAT 2867

Charged Particle
293 Kelvin Cross Sections

28-Ni-72



3

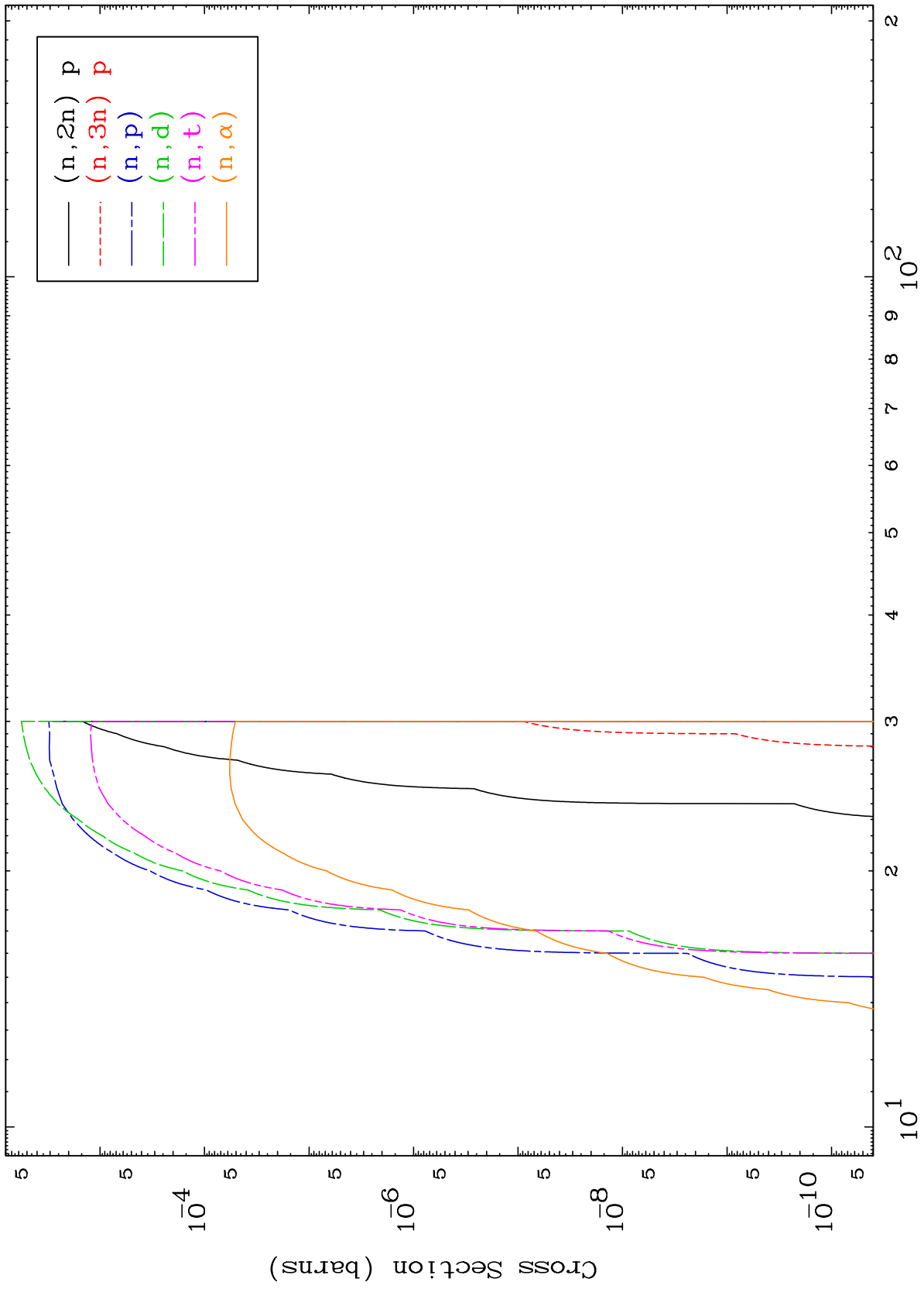
Incident Energy (MeV)

28-Ni-72

MAT 2867

Charged Particle
293 Kelvin Cross Sections

28-Ni-72



Incident Energy (MeV)

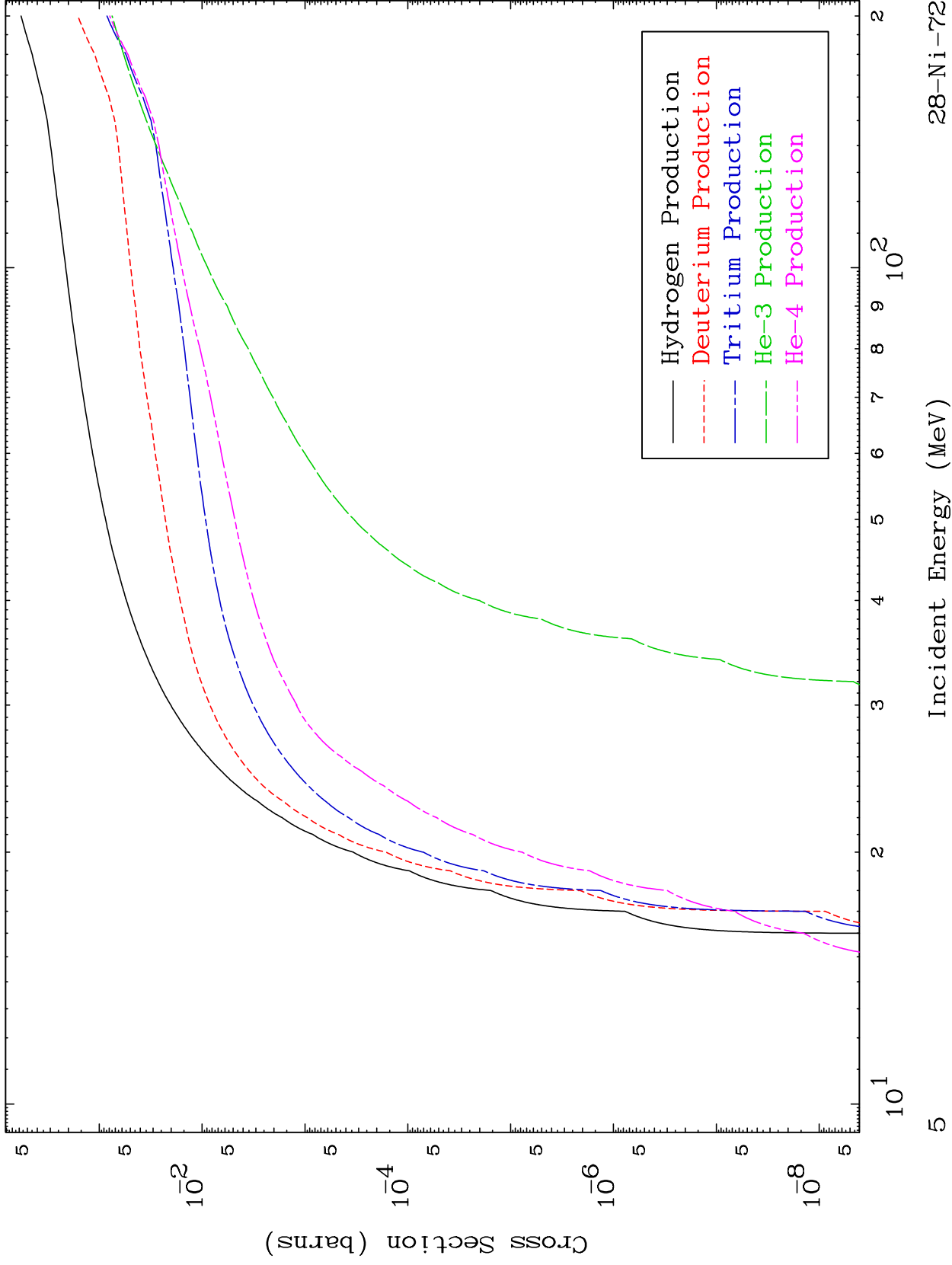
28-Ni-72

4

MAT 2867

Particle Production
293 Kelvin Cross Sections

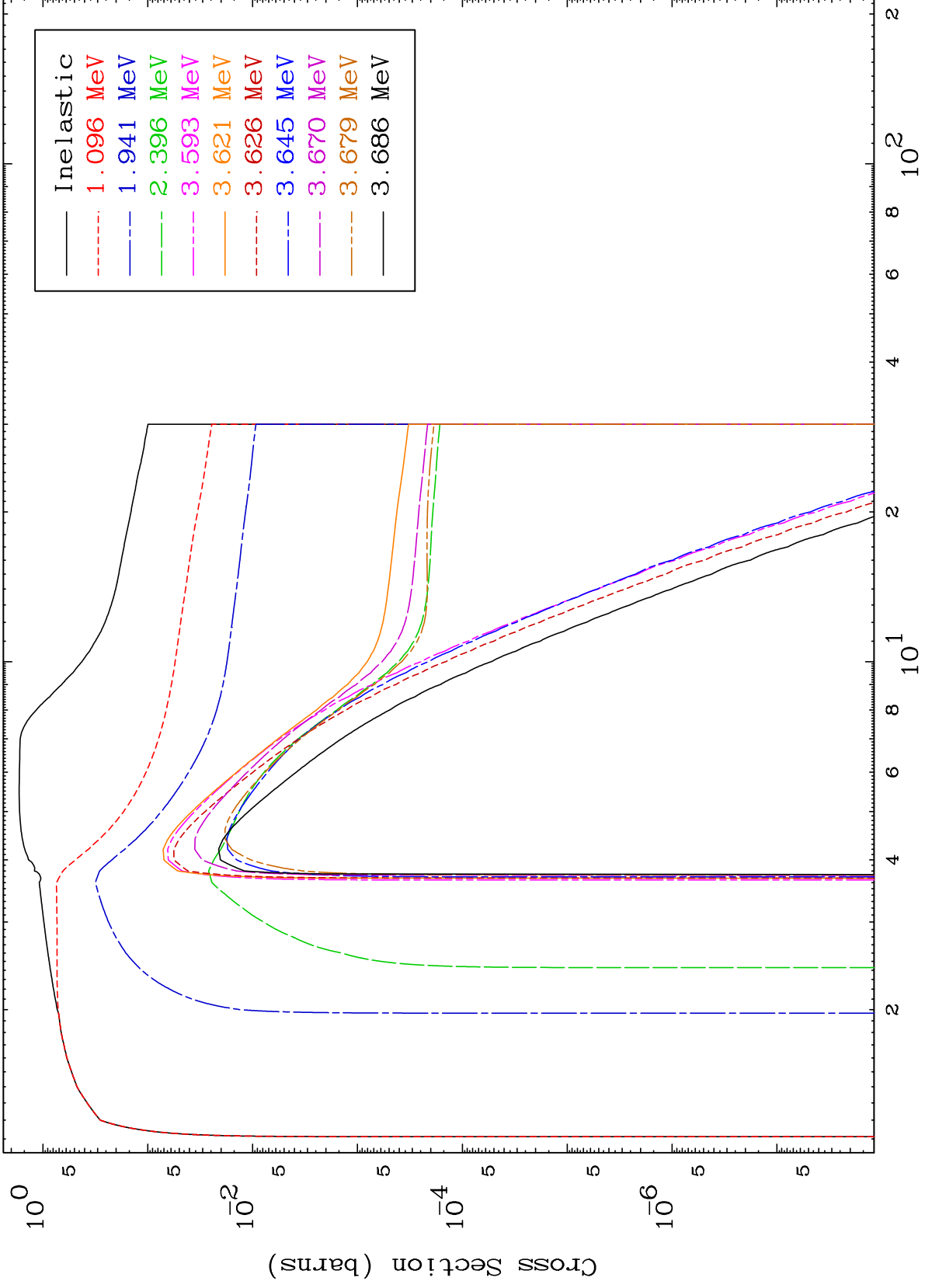
28-Ni-72



MAT 2867

(n,n') Level
293 Kelvin Cross Sections

28-Ni-72



6

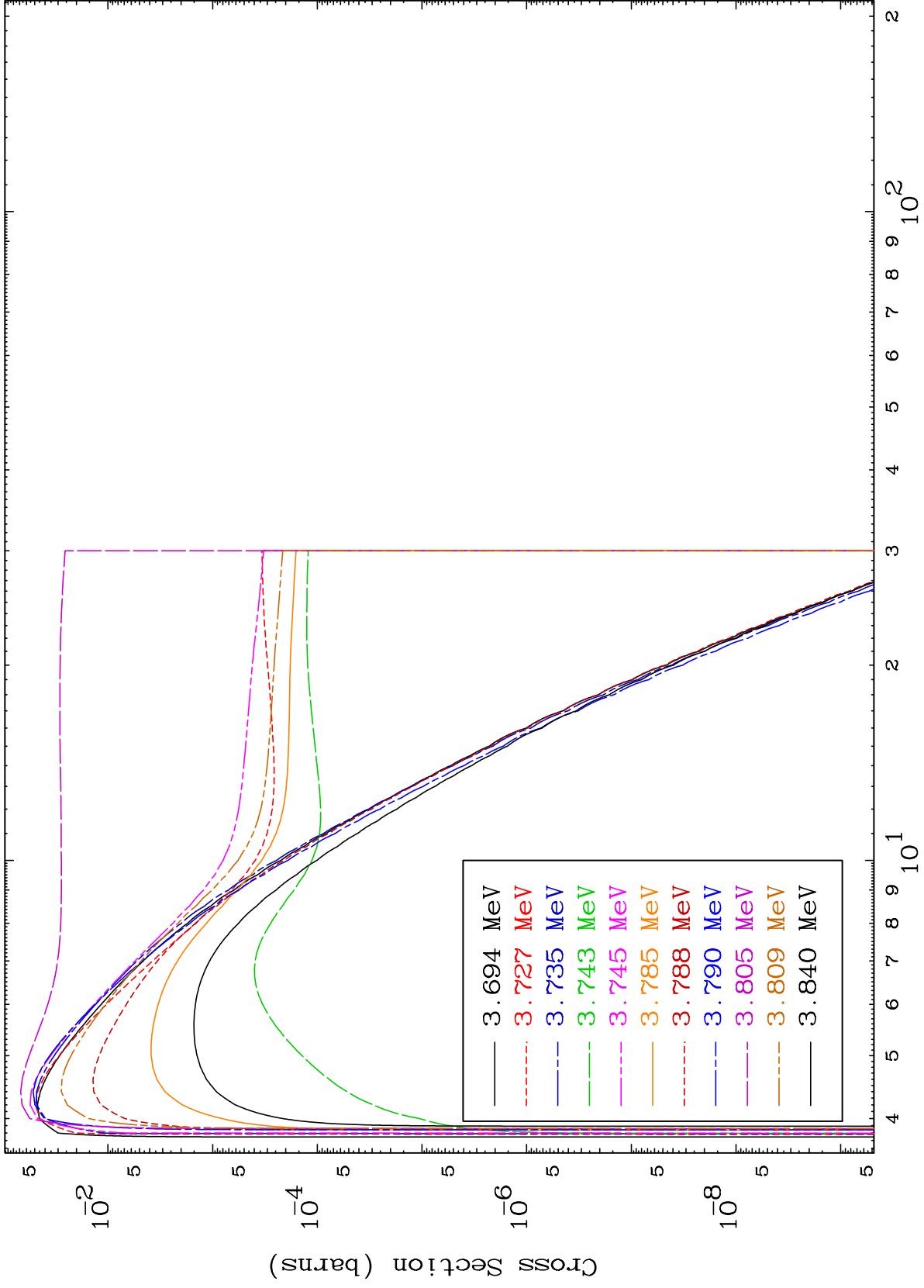
Incident Energy (MeV)

28-Ni-72

MAT 2867

(n,n') Level
293 Kelvin Cross Sections

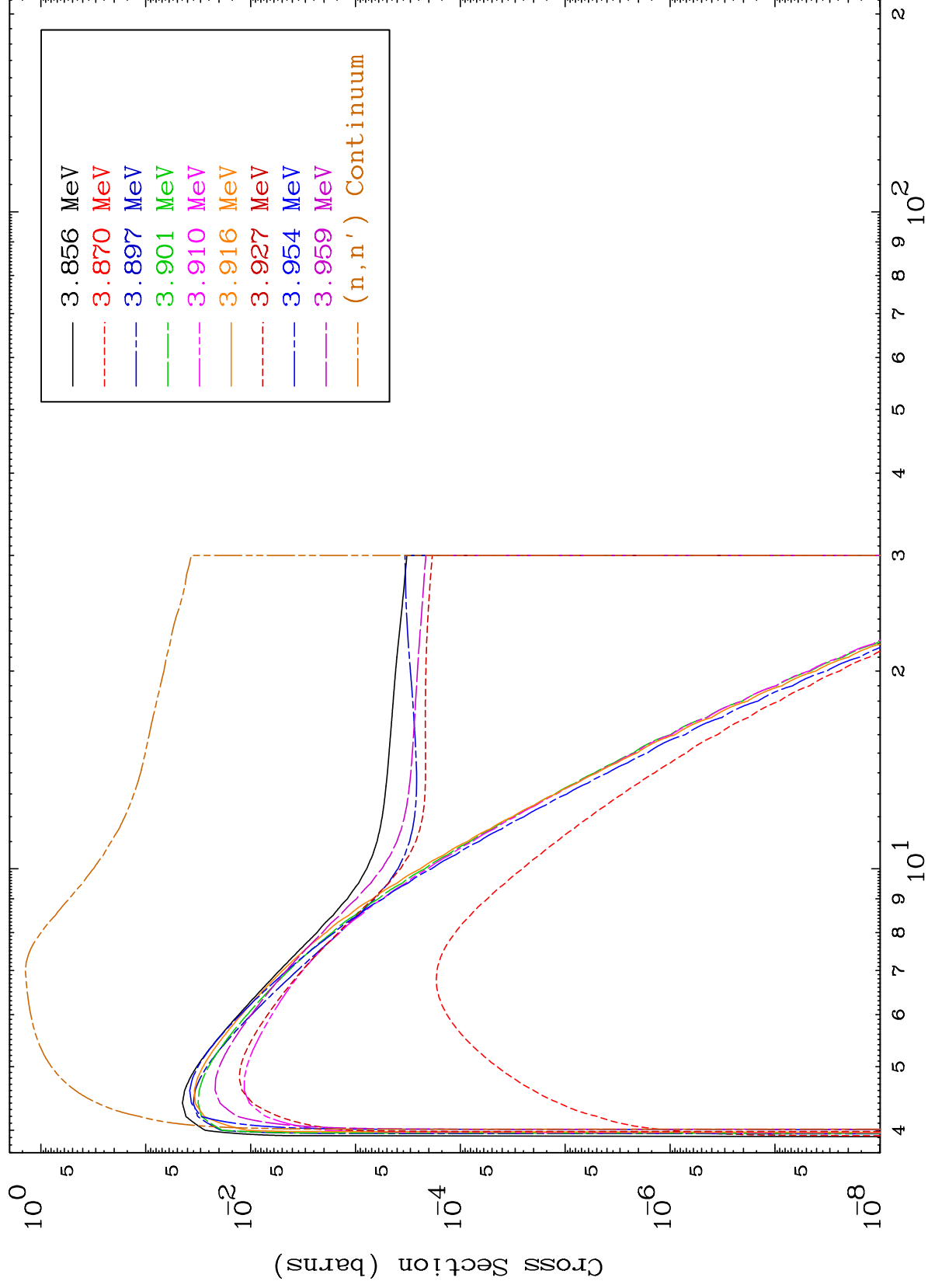
28-Ni-72



MAT 2867

(n,n') Level
293 Kelvin Cross Sections

28-Ni-72



8

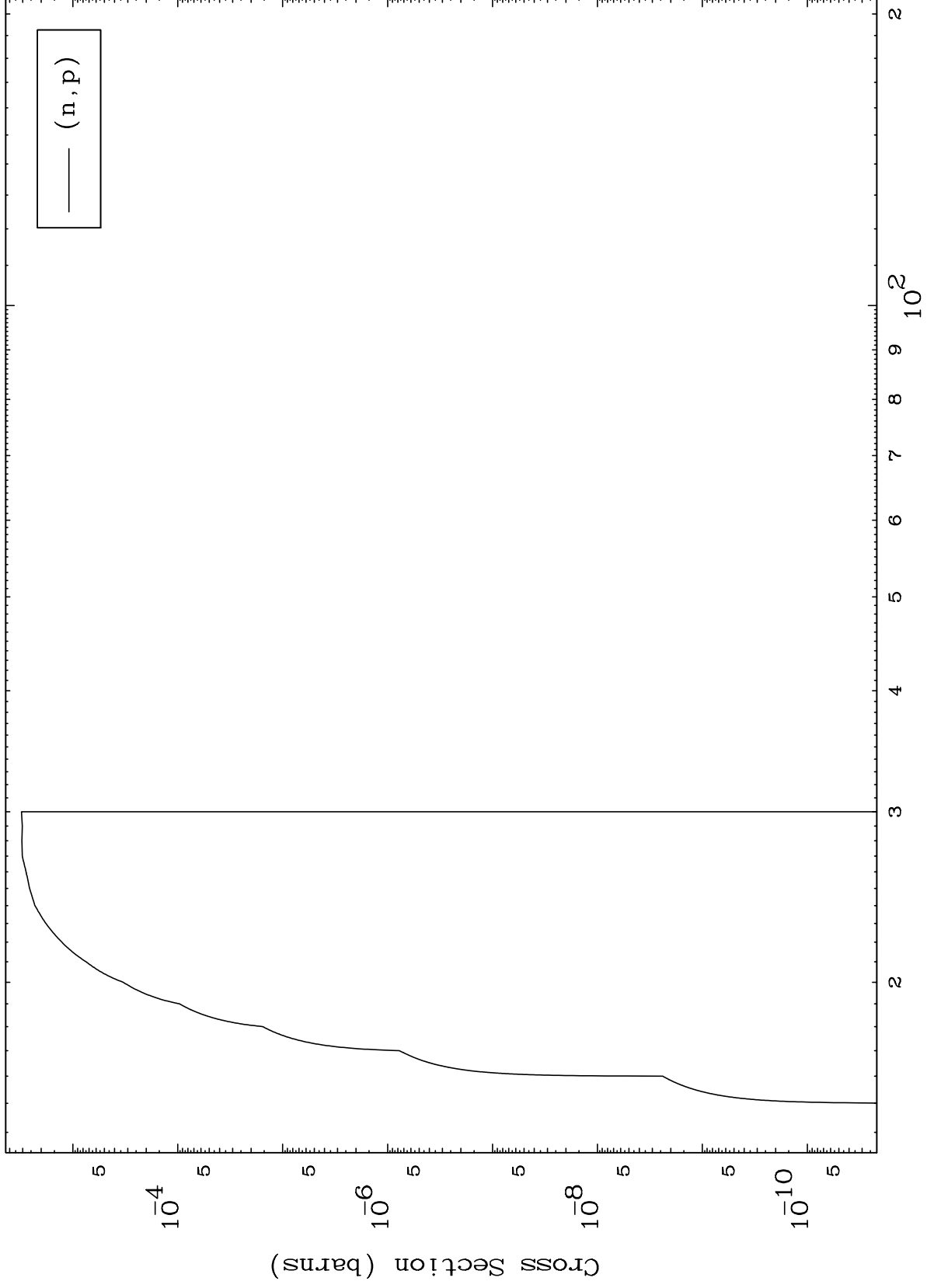
Incident Energy (MeV)

28-Ni-72

MAT 2867

(n,p) Levels
293 Kelvin Cross Sections

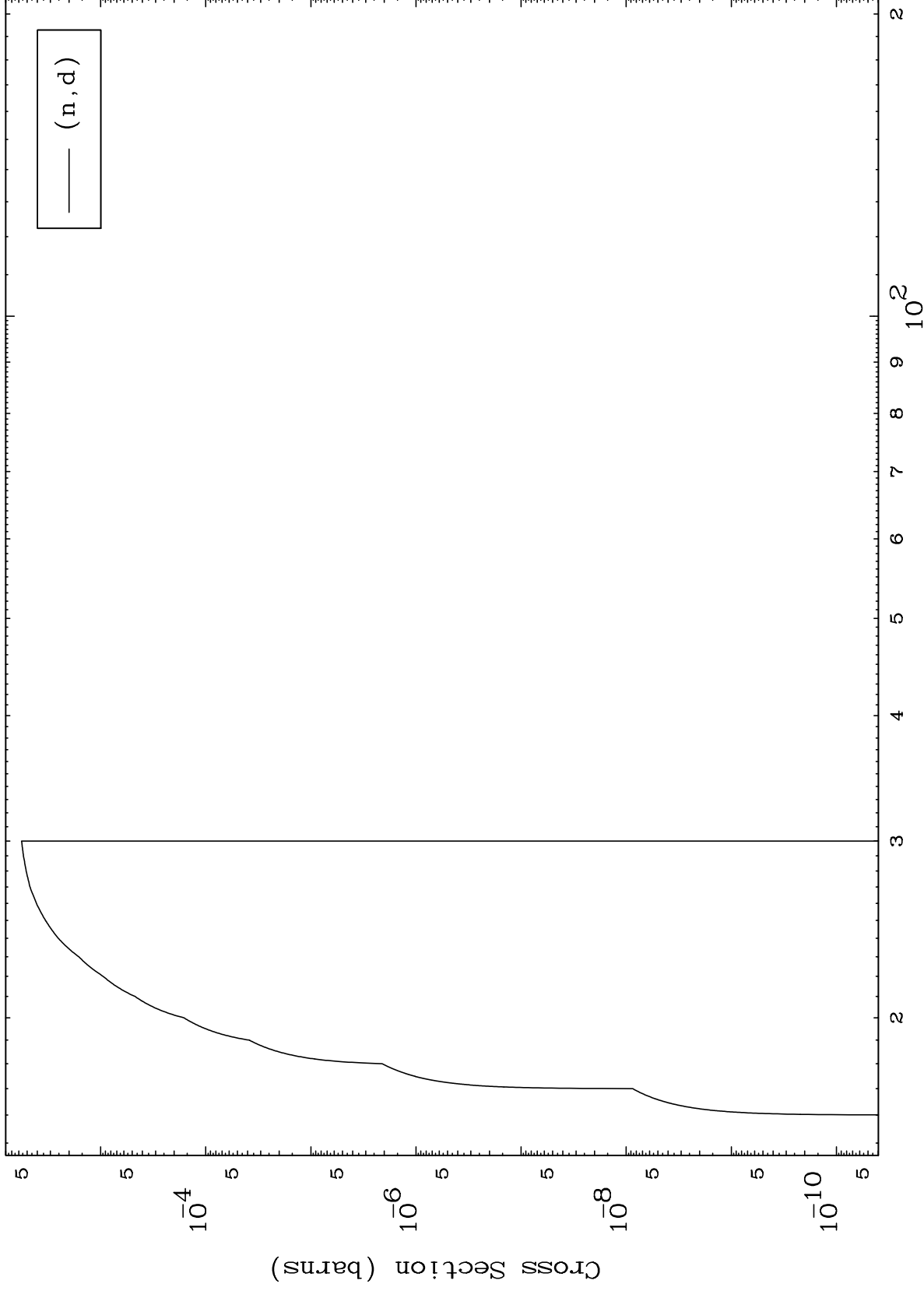
28-Ni-72



MAT 2867

(n,d) Levels
293 Kelvin Cross Sections

28-Ni-72



10

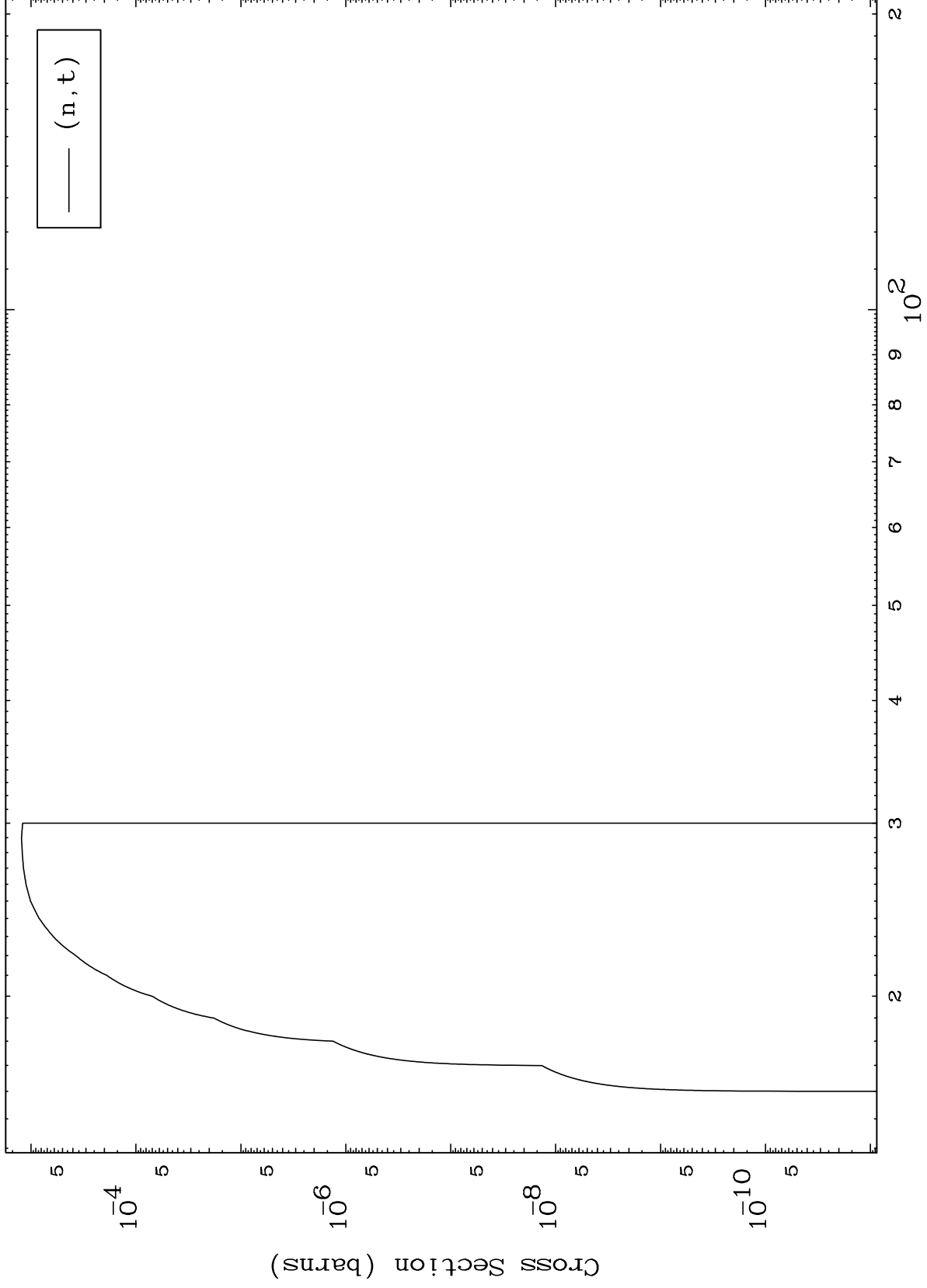
Incident Energy (MeV)

28-Ni-72

MAT 2867

(n,t) Levels
293 Kelvin Cross Sections

28-Ni-72



11

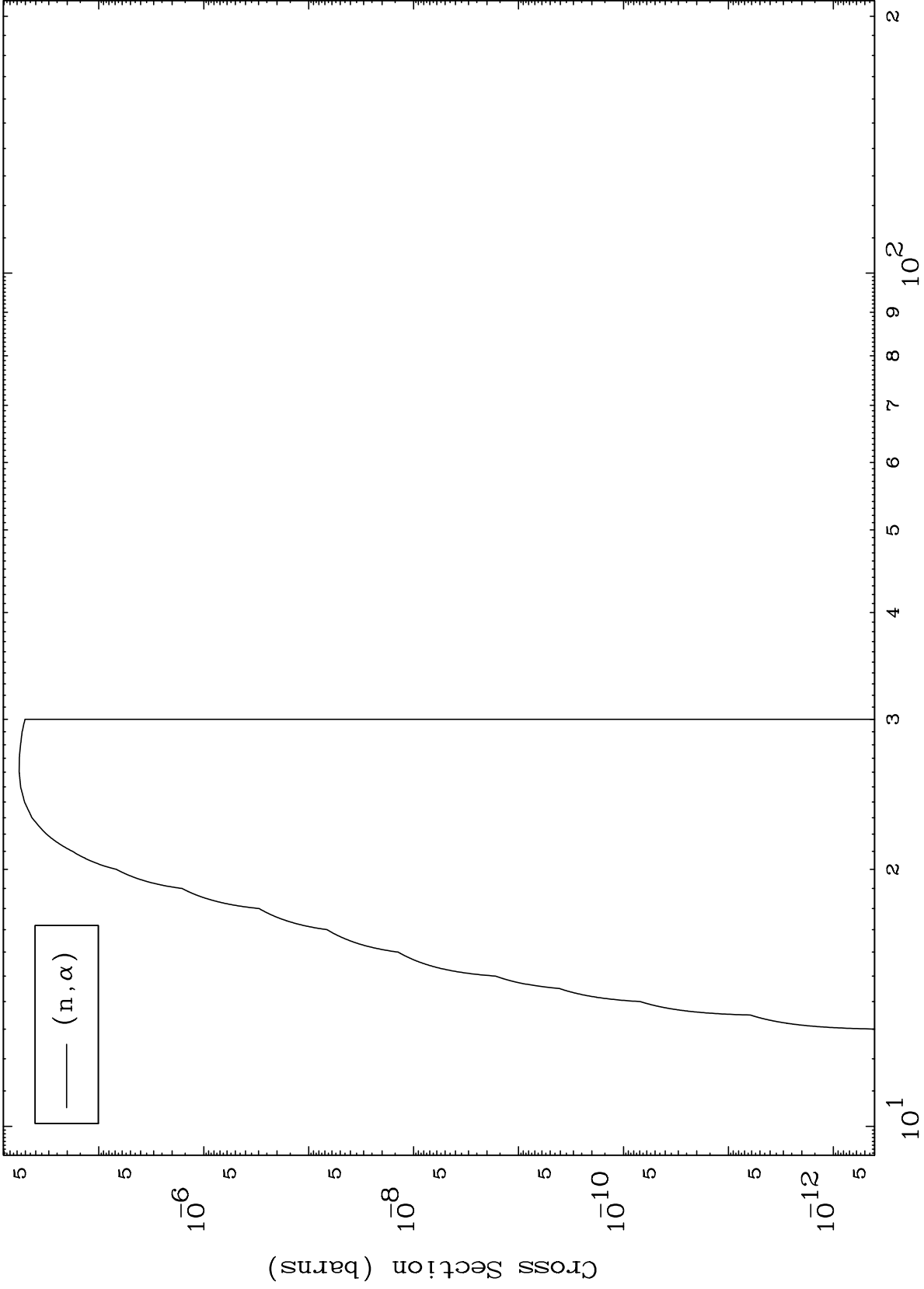
Incident Energy (MeV)

28-Ni-72

MAT 2867

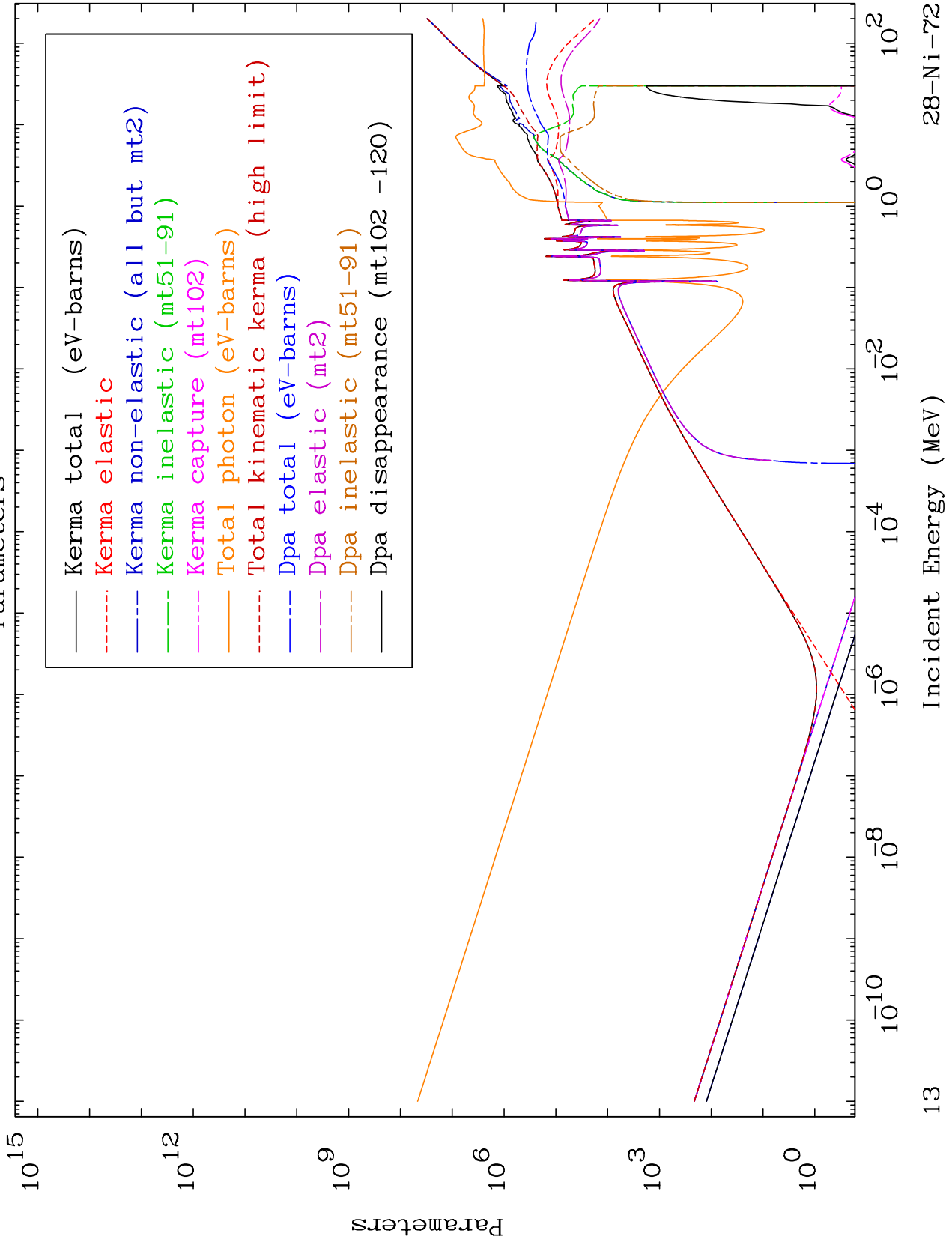
(n,α) Levels
293 Kelvin Cross Sections

28-Ni-72



Incident Energy (MeV)

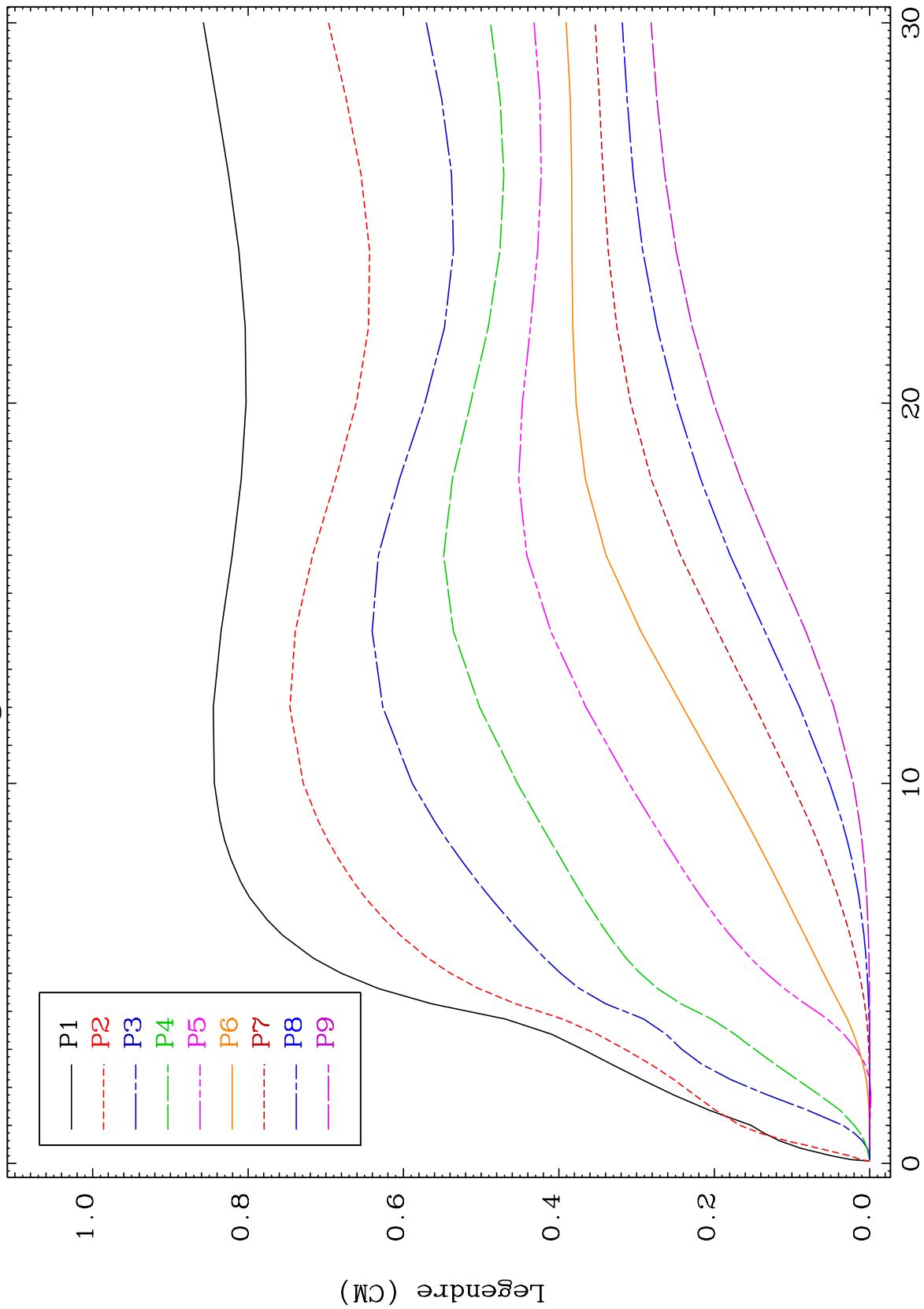
28-Ni-72



MAT 2867

Elastic Legendre Coefficients

²⁸Ni-72



14

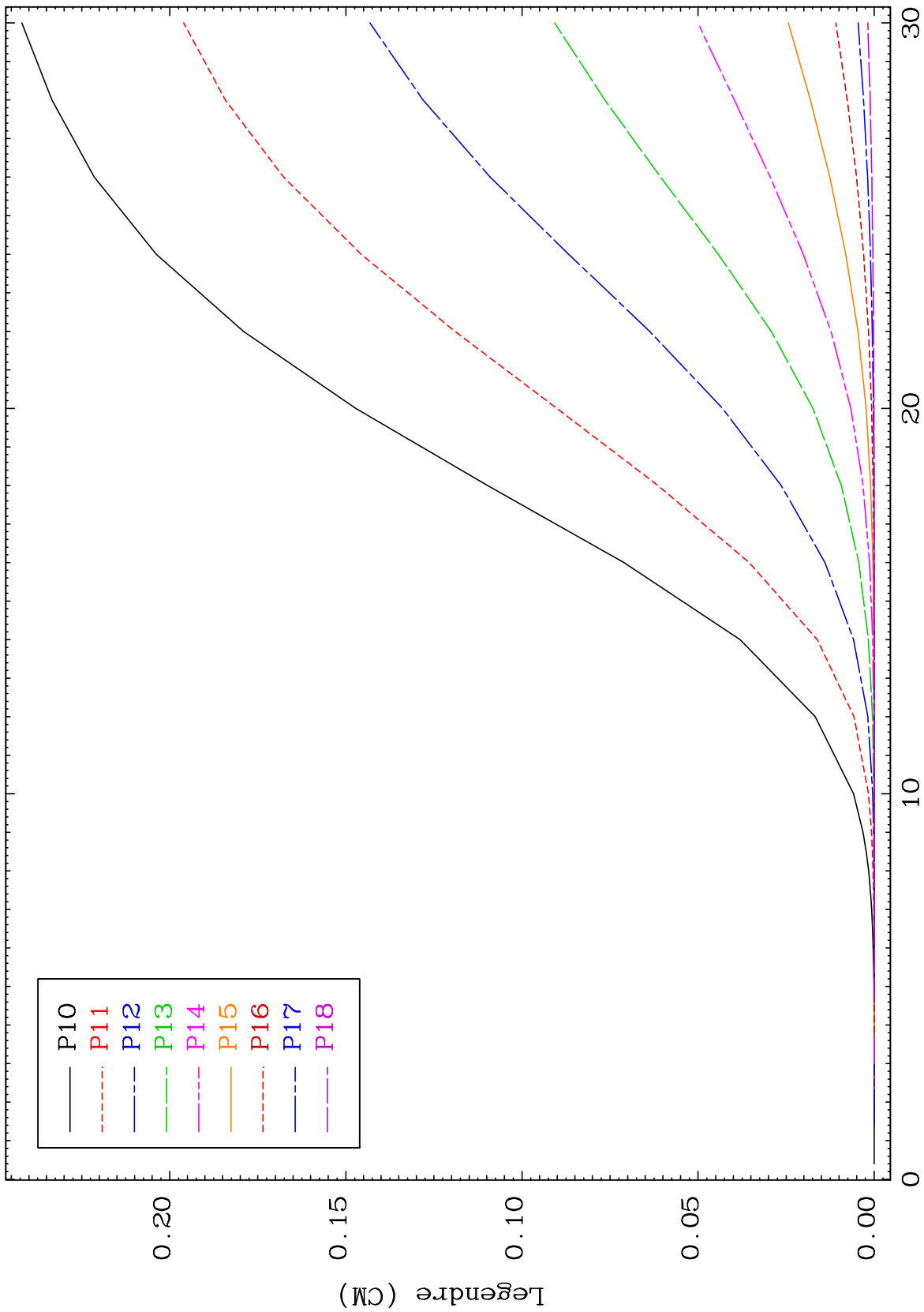
Incident Energy (MeV)

²⁸Ni-72

MAT 2867

Elastic Legendre Coefficients

28-Ni-72



15

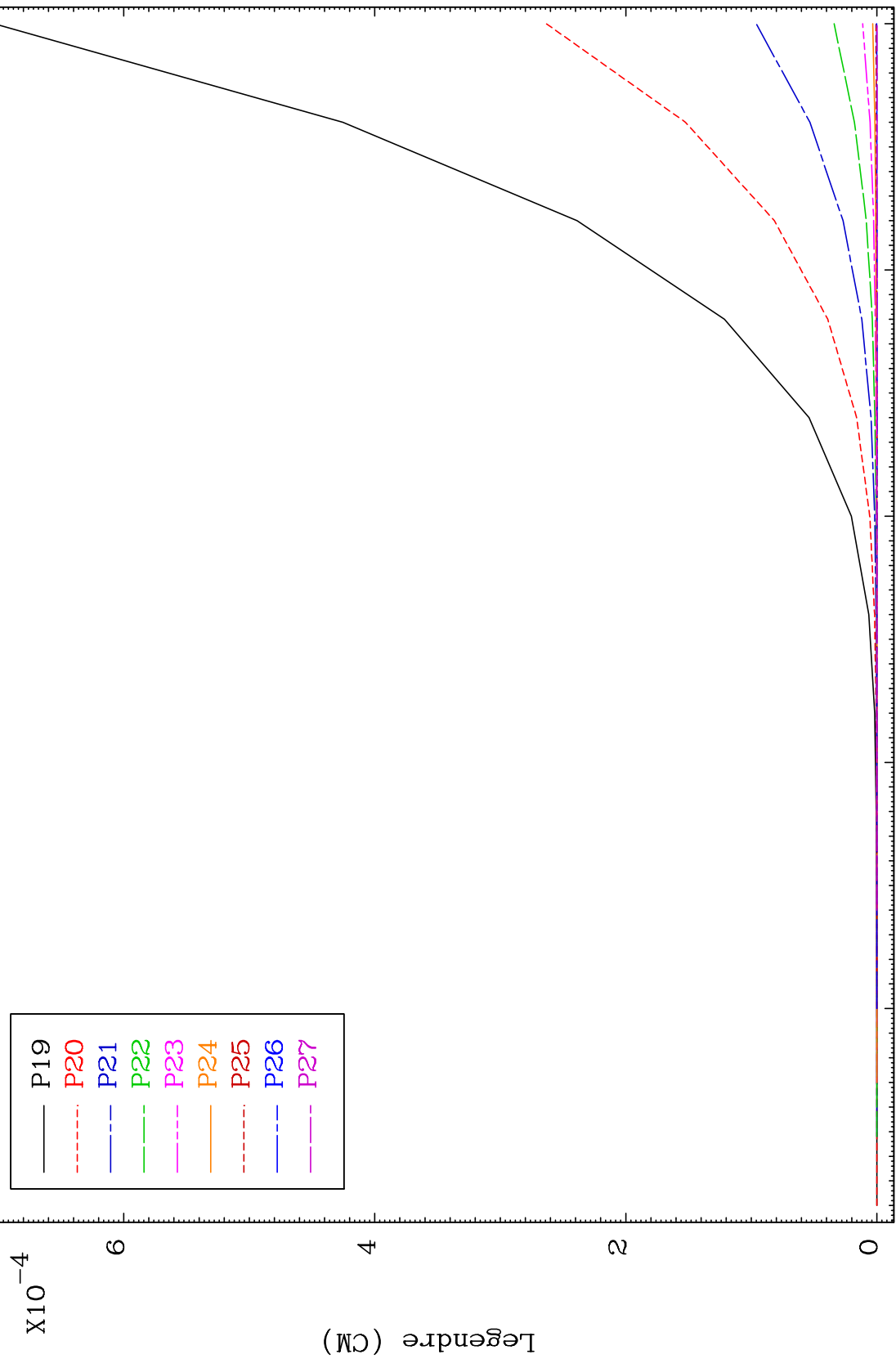
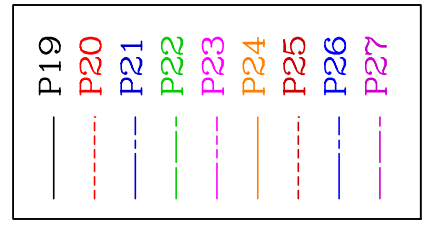
Incident Energy (MeV)

28-Ni-72

MAT 2867

Elastic Legendre Coefficients

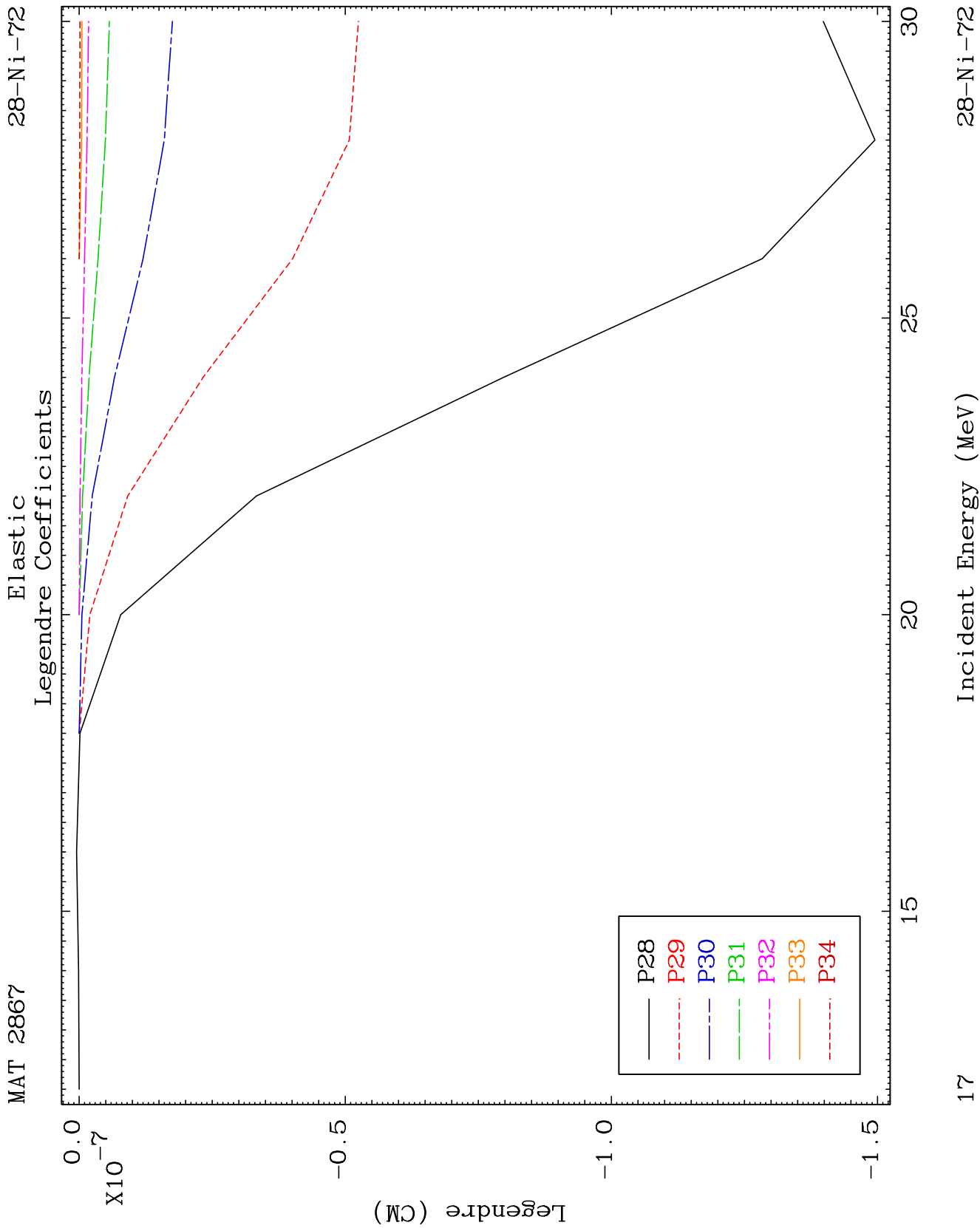
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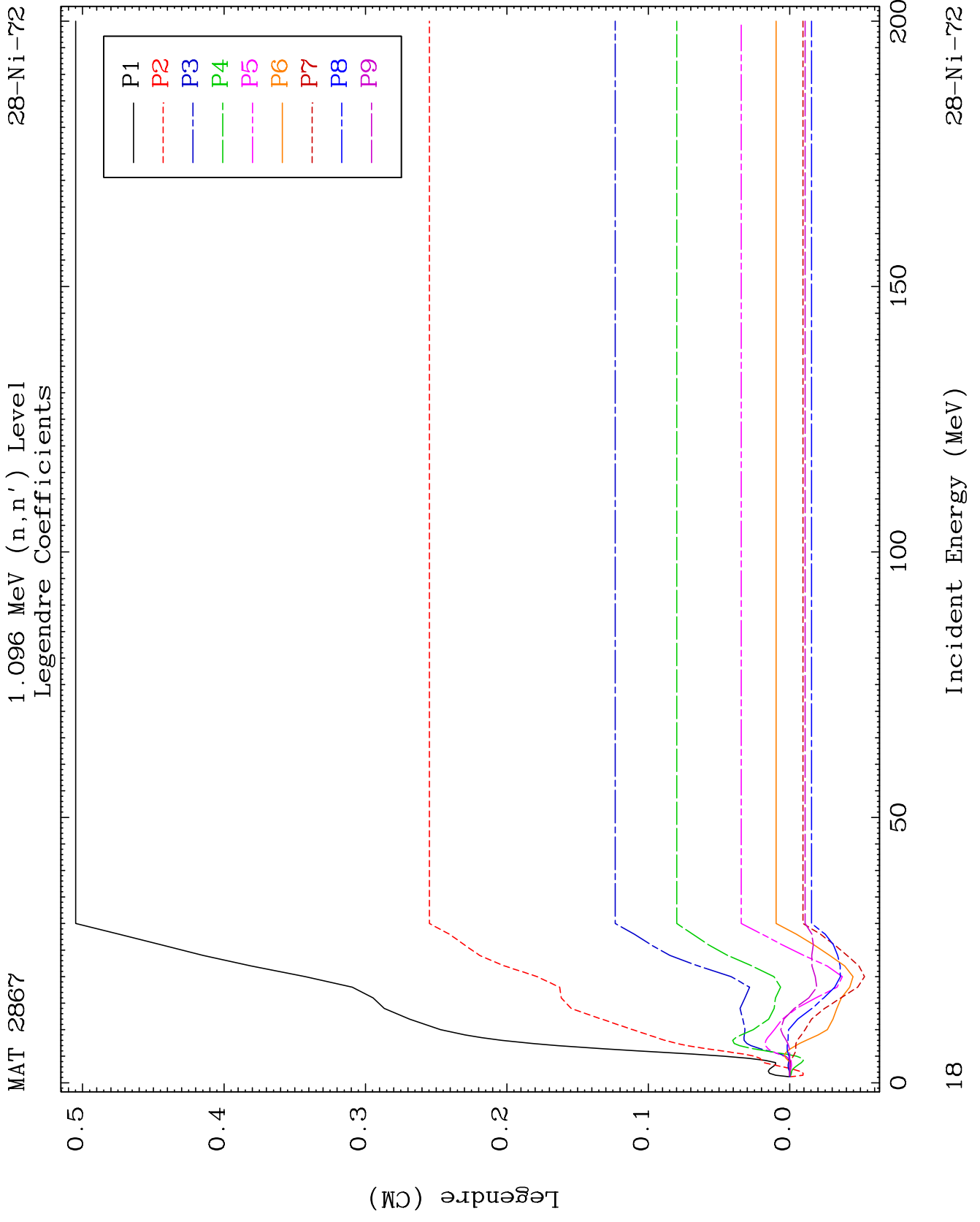


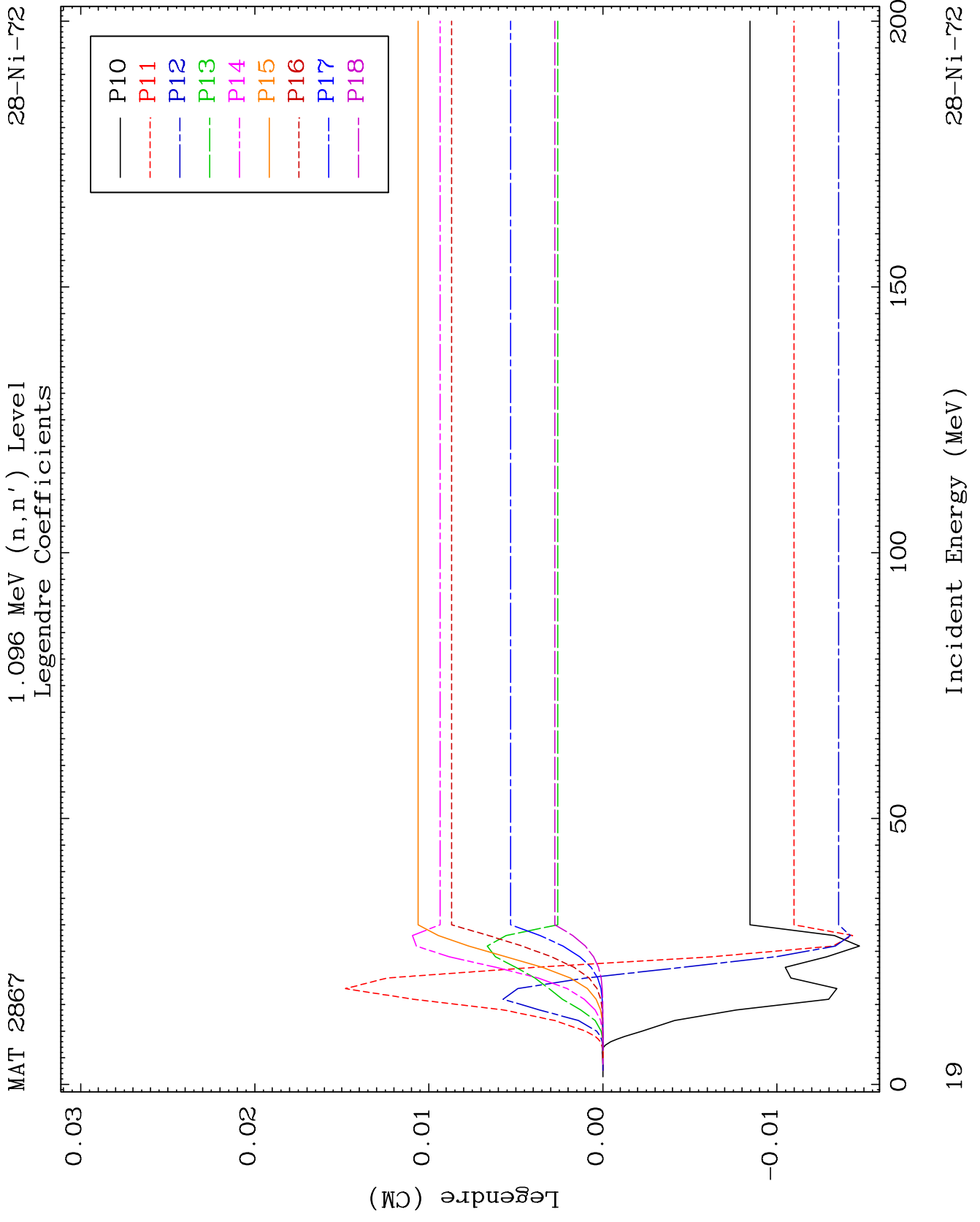
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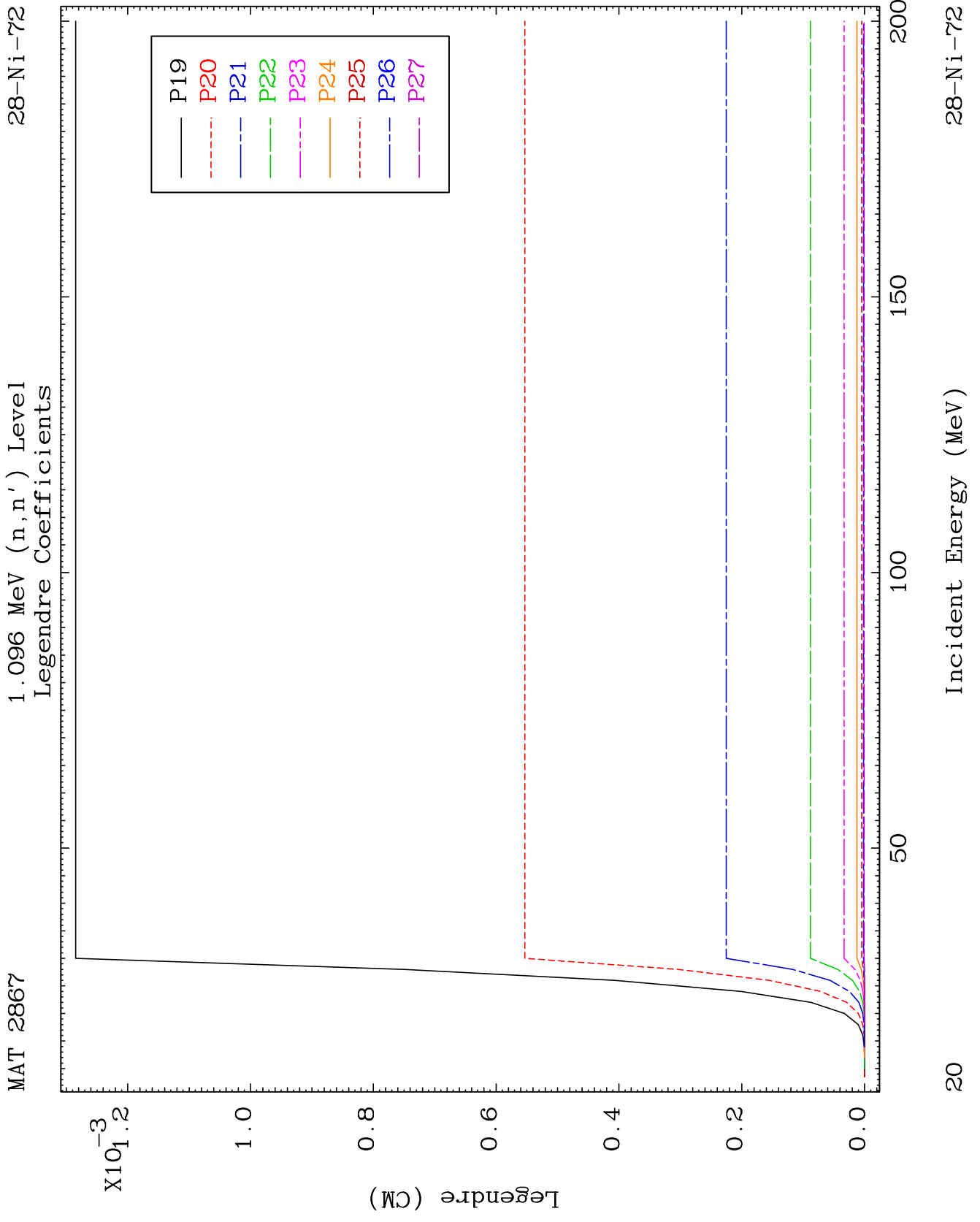
Incident Energy (MeV)

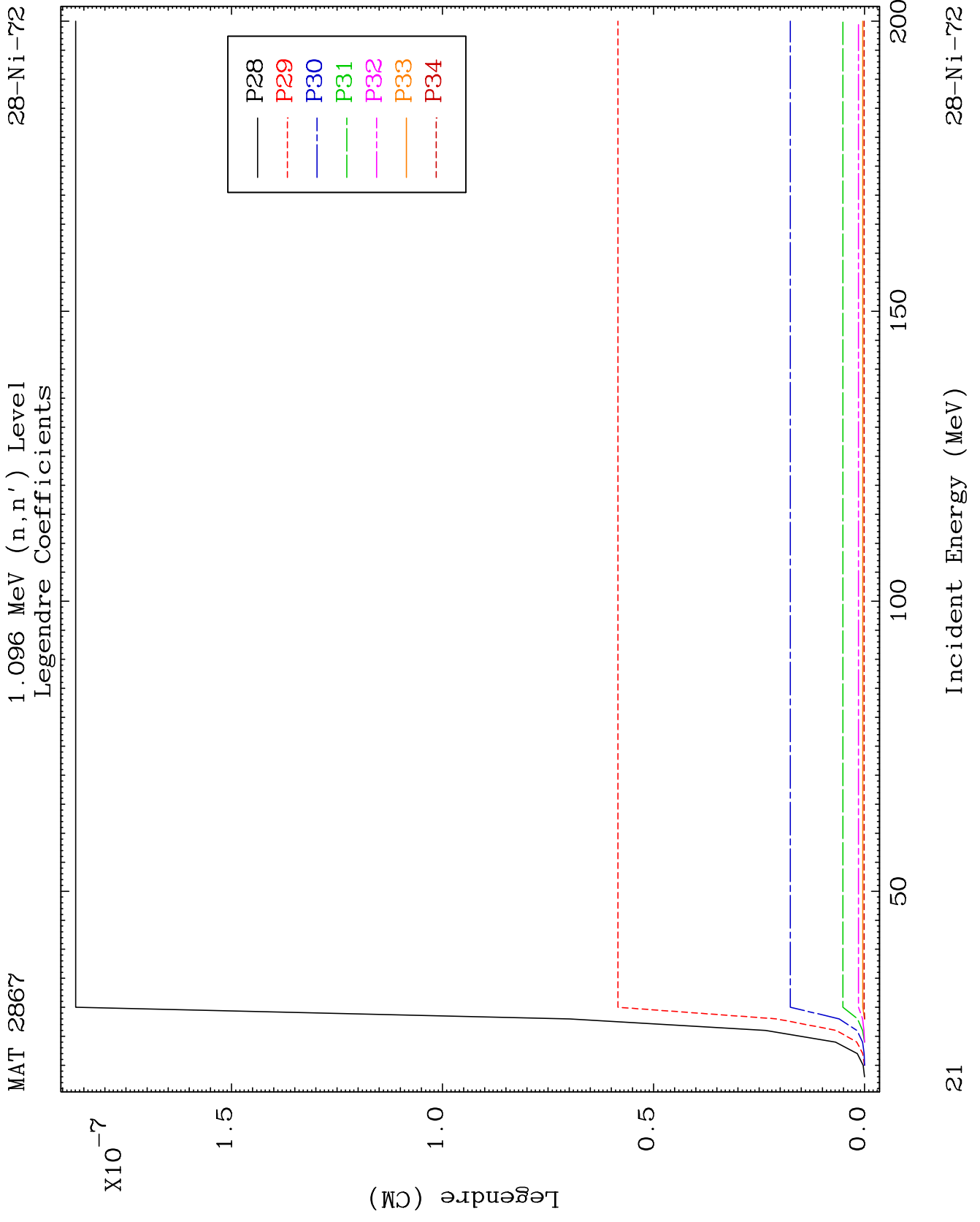
28-Ni-72







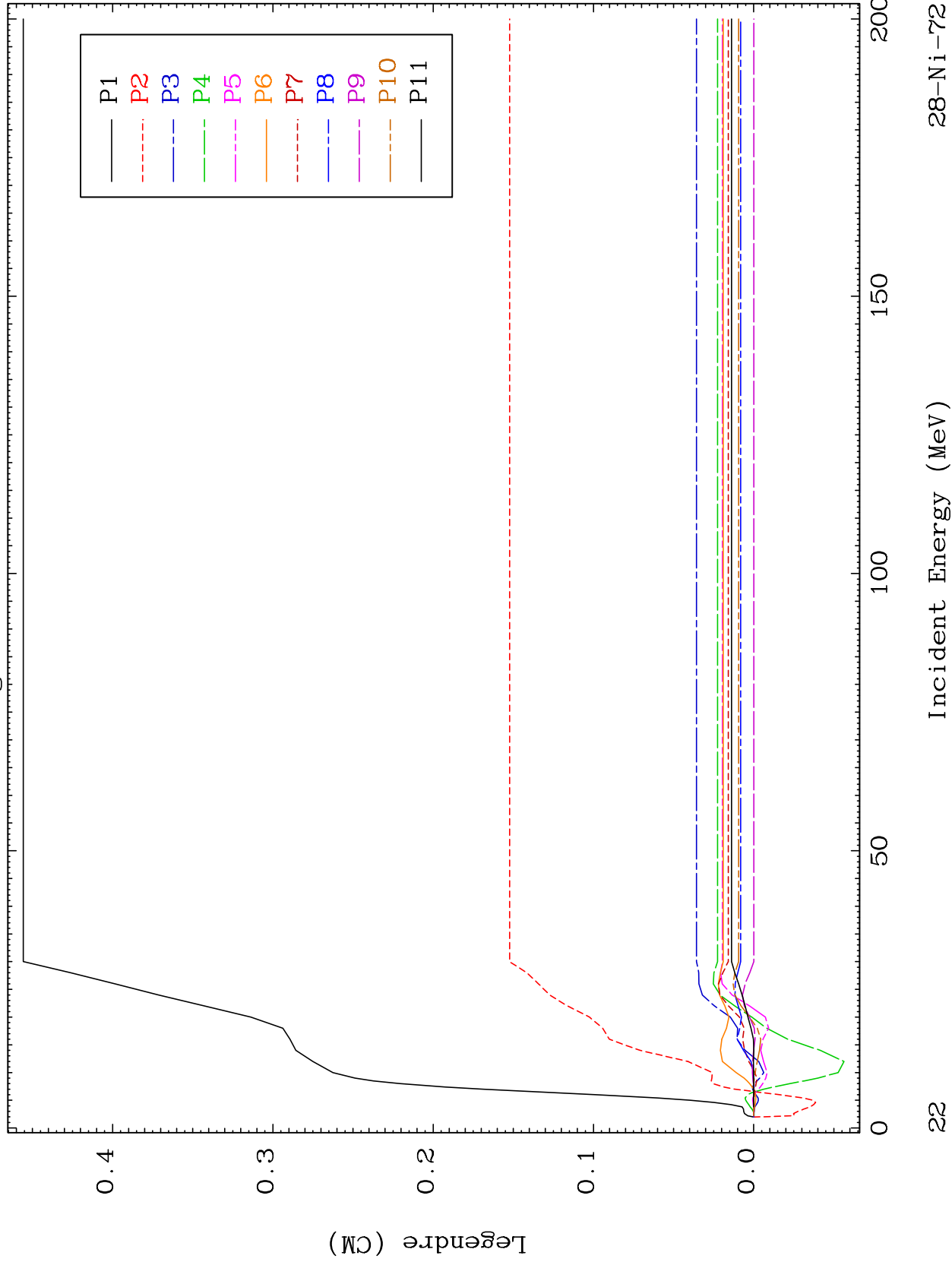




MAT 2867

1.941 MeV (n,n') Level
Legendre Coefficients

28-Ni-72



28-Ni-72

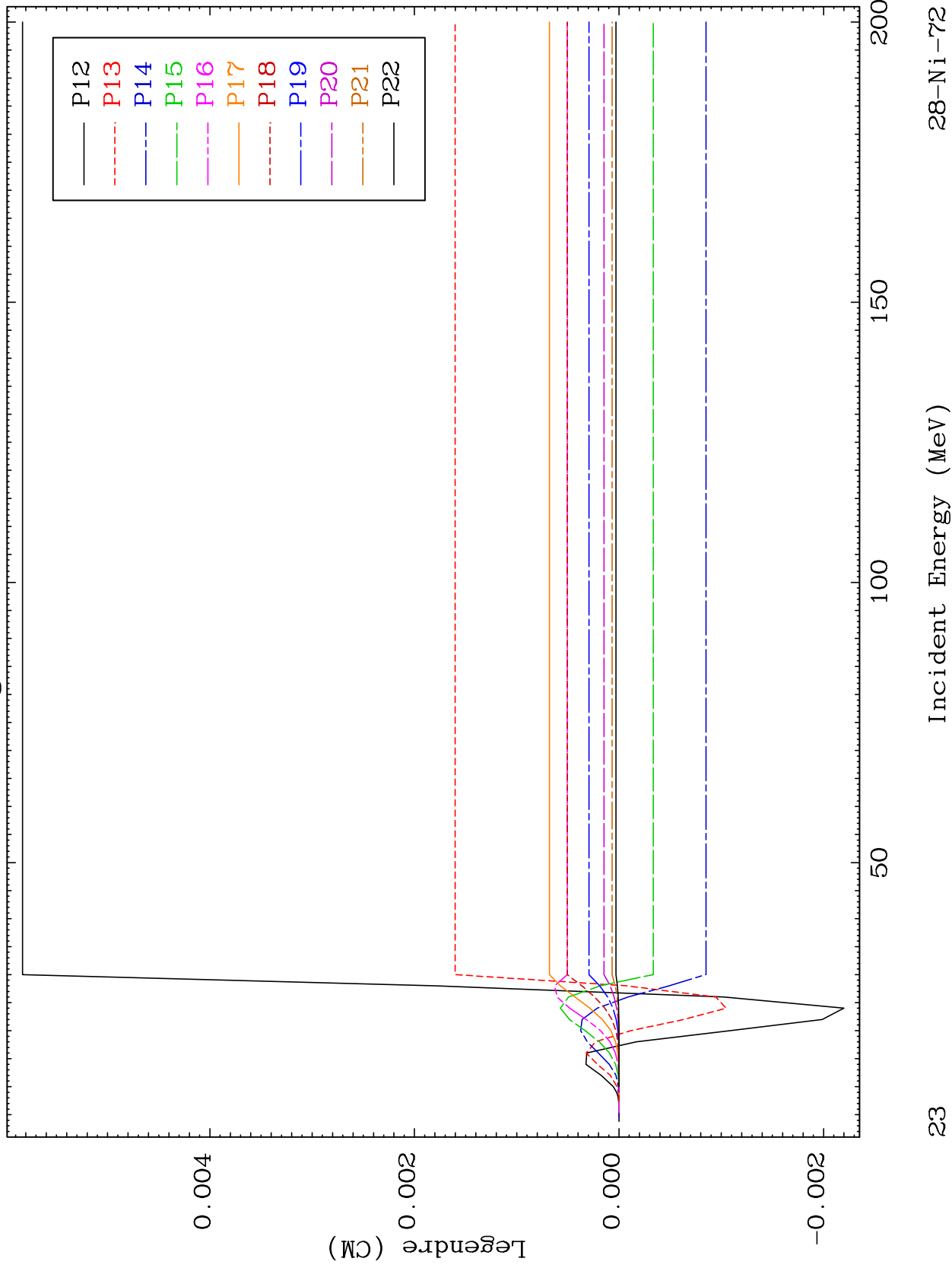
Incident Energy (MeV)

22

MAT 2867

1.941 MeV (n,n') Level
Legendre Coefficients

28-Ni-72



23

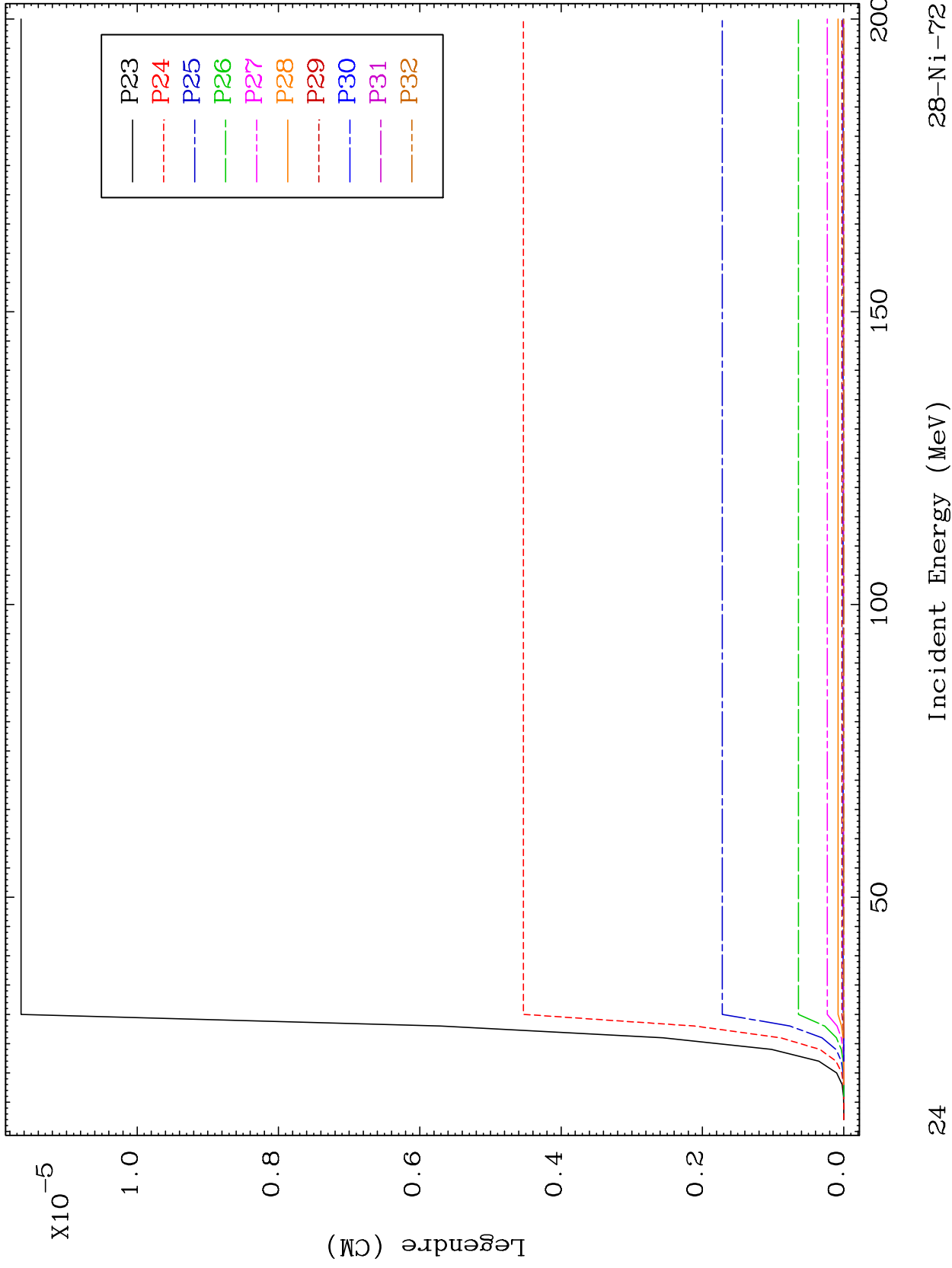
Incident Energy (MeV)

28-Ni-72

MAT 2867

1.941 MeV (n,n') Level
Legendre Coefficients

28-Ni-72



24

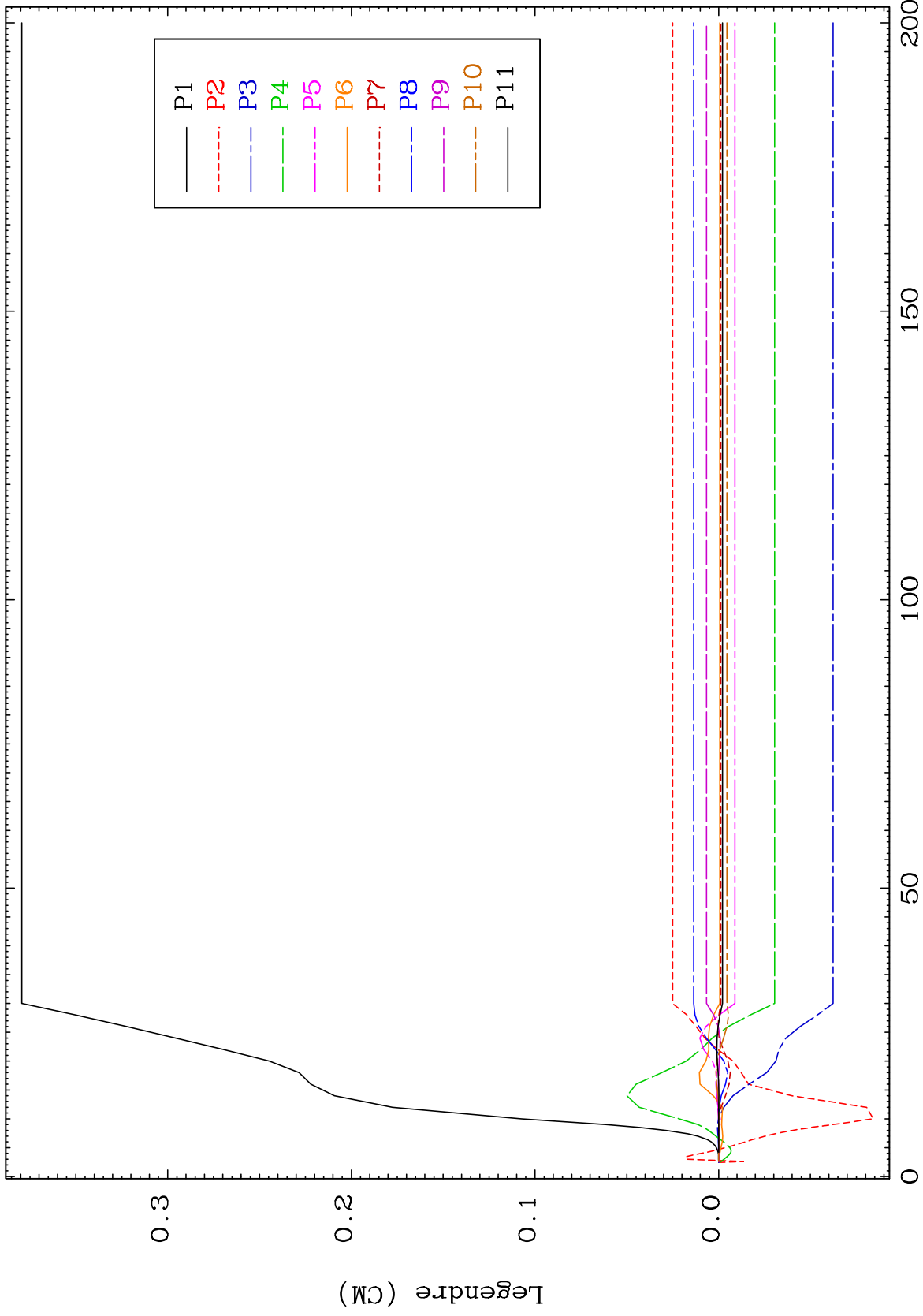
Incident Energy (MeV)

28-Ni-72

MAT 2867

2.396 MeV (n,n') Level
Legendre Coefficients

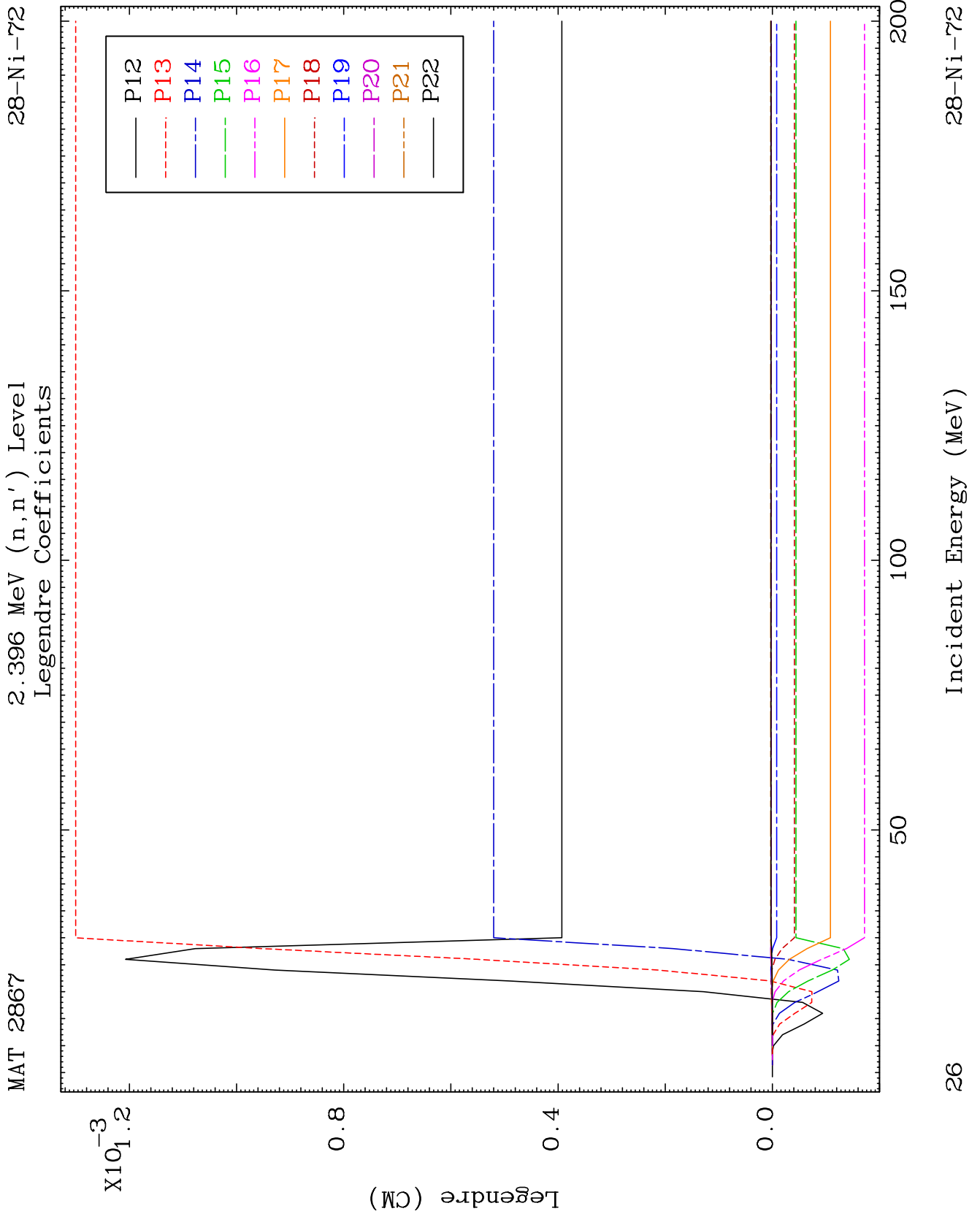
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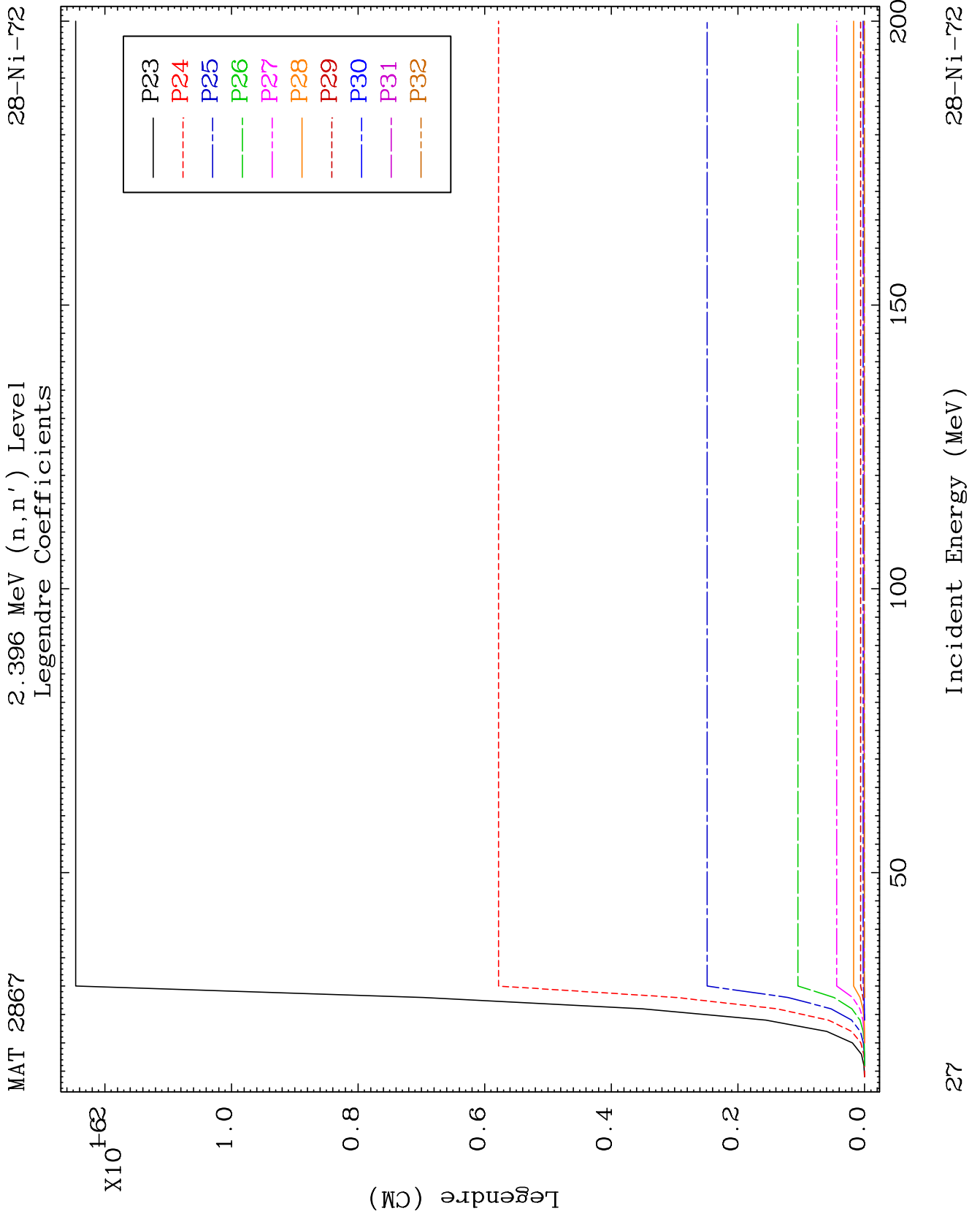


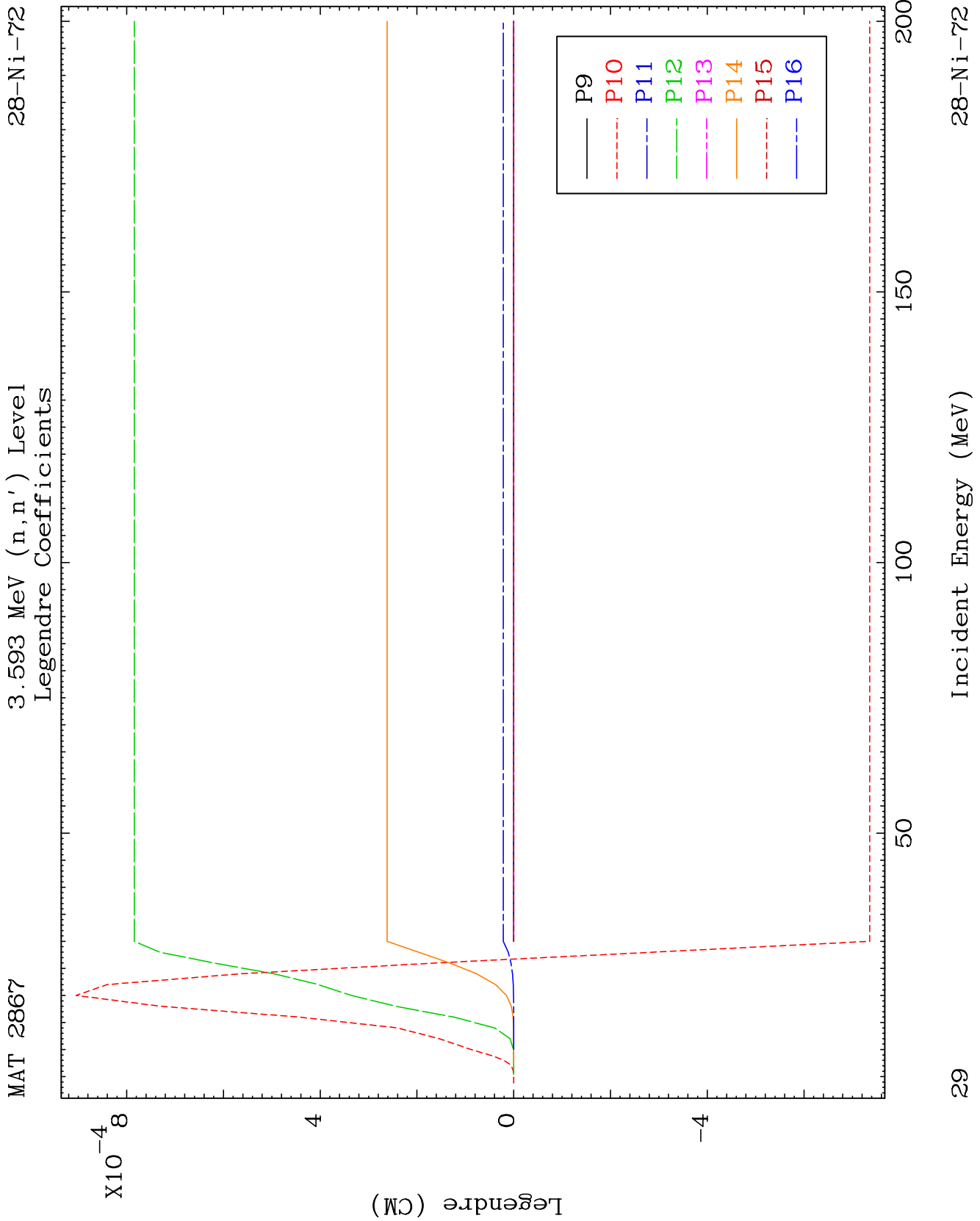
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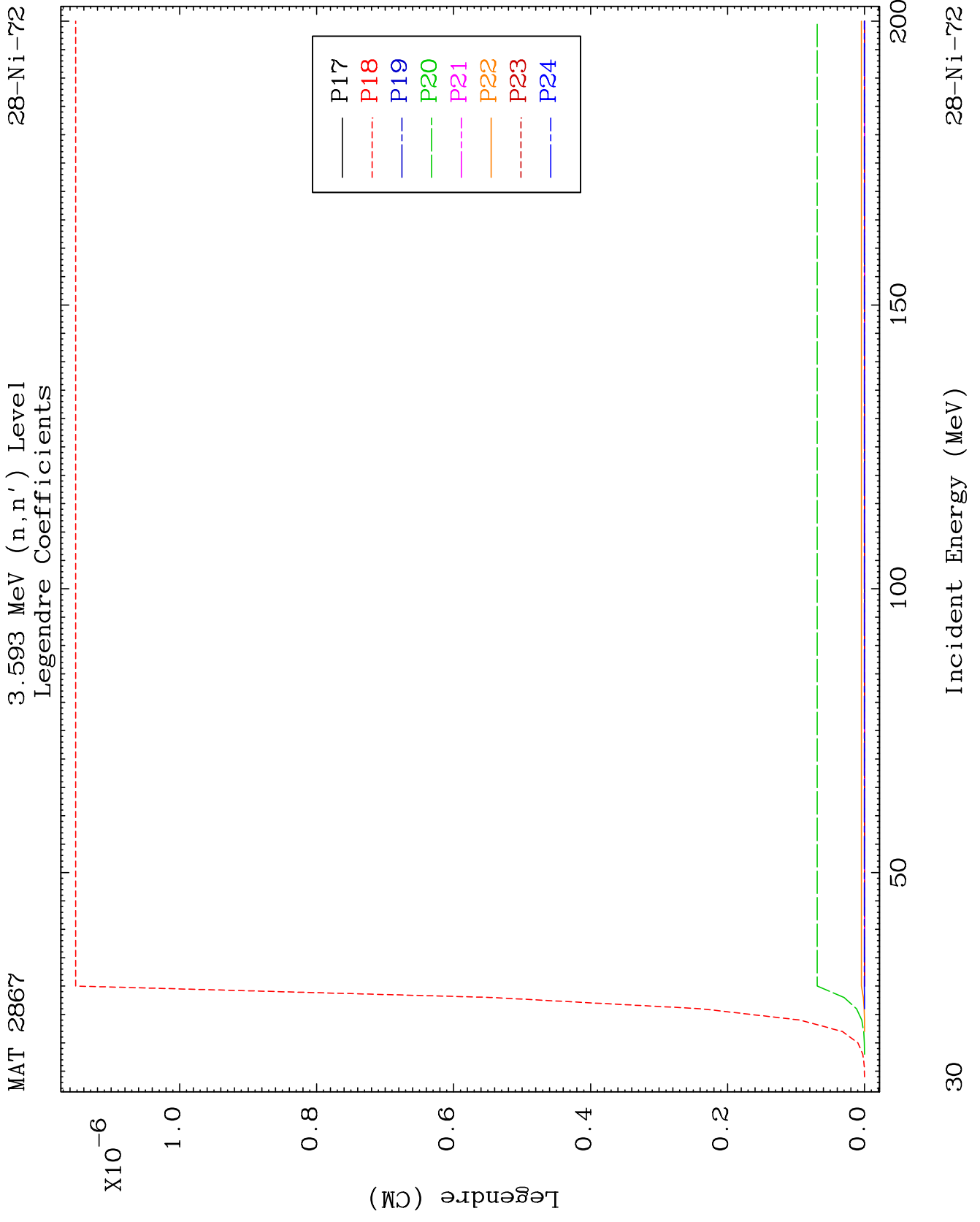
Incident Energy (MeV)

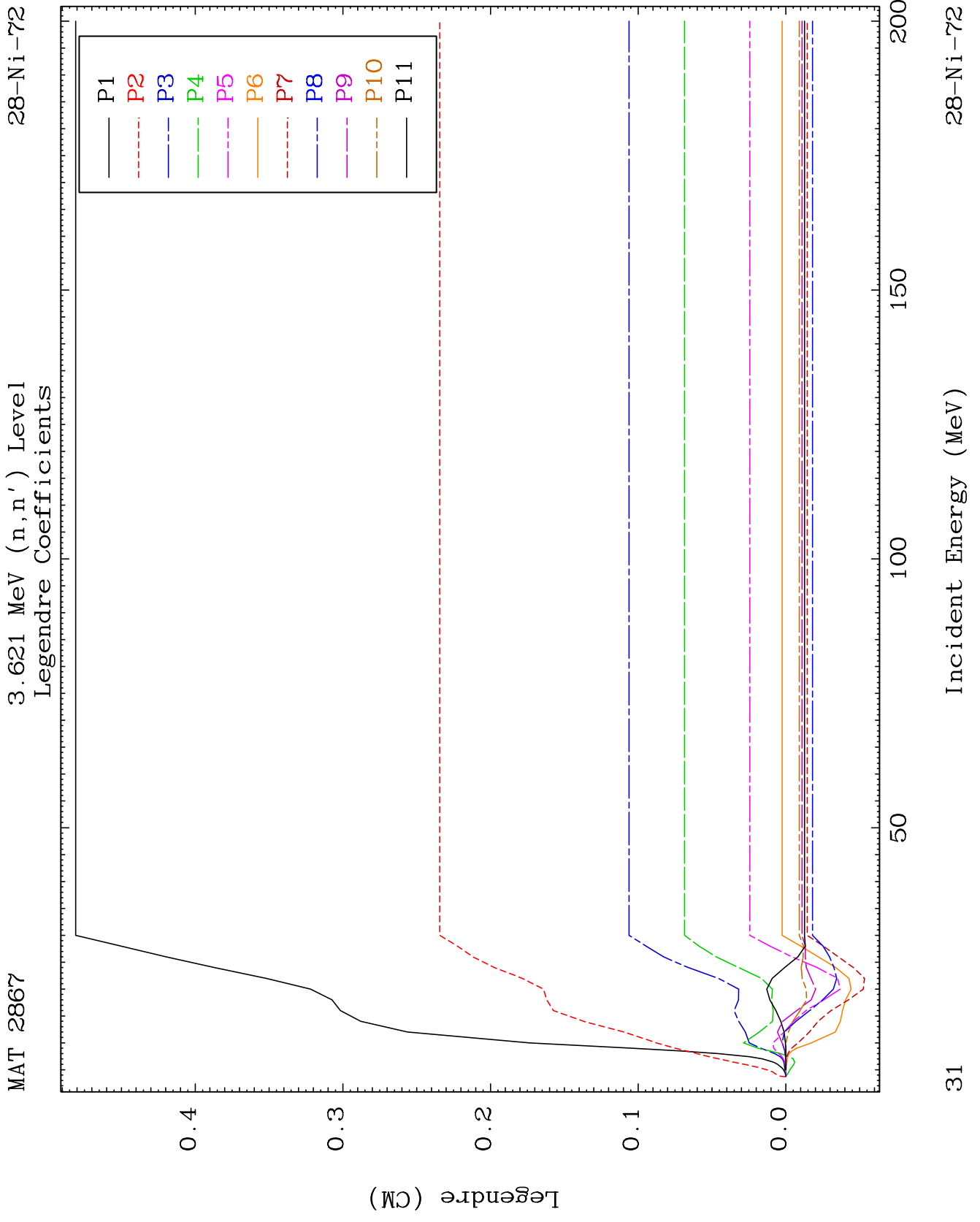
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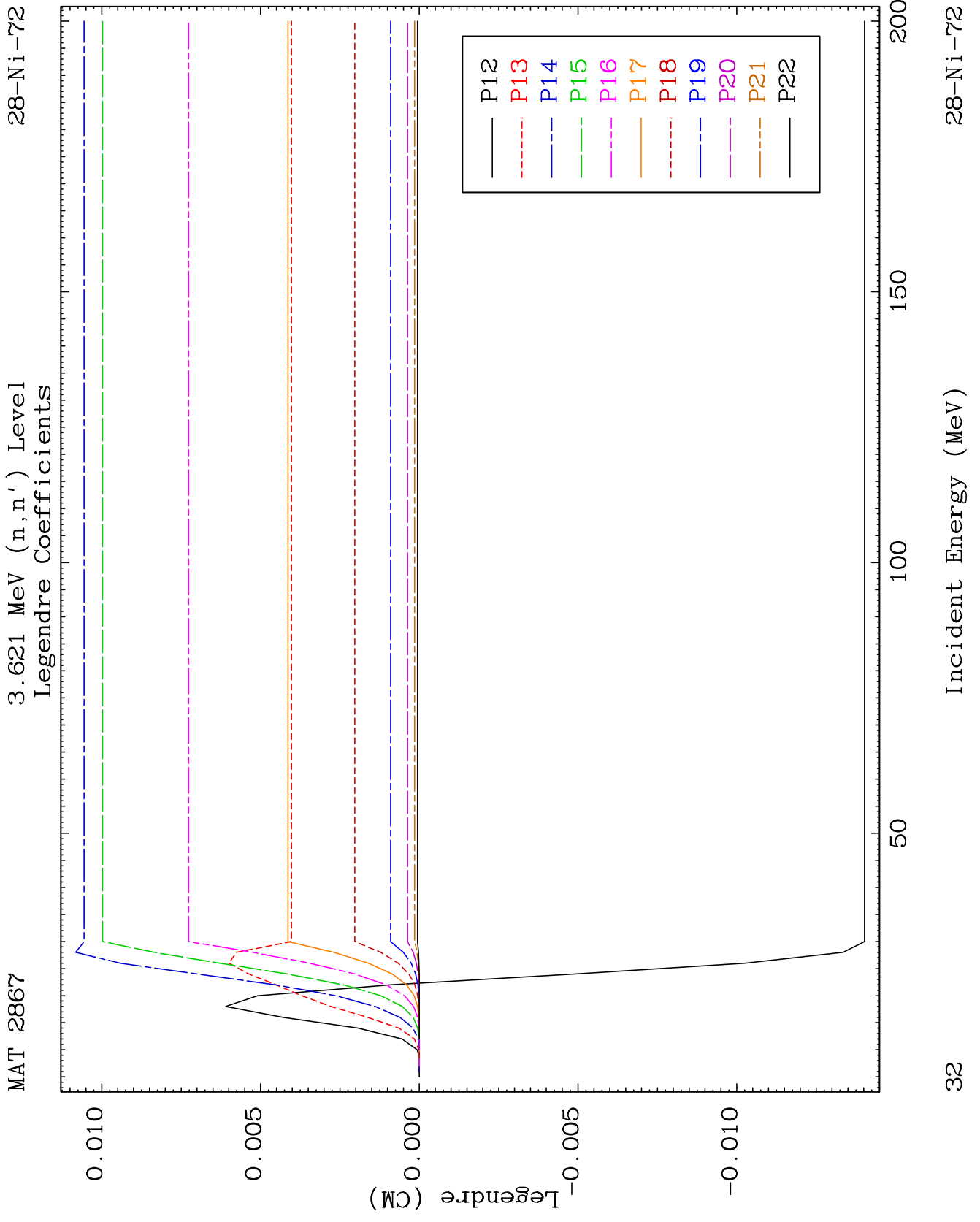








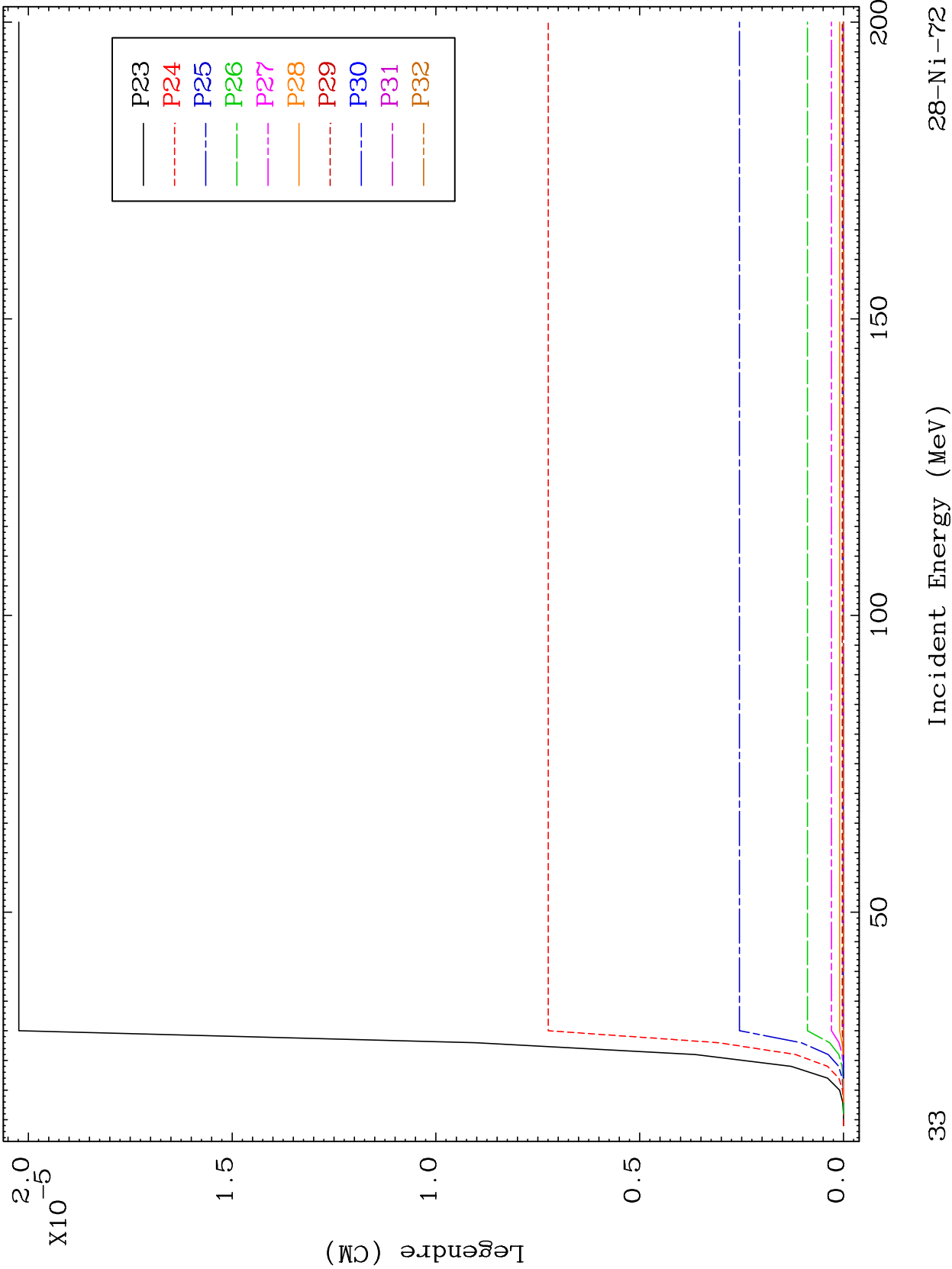


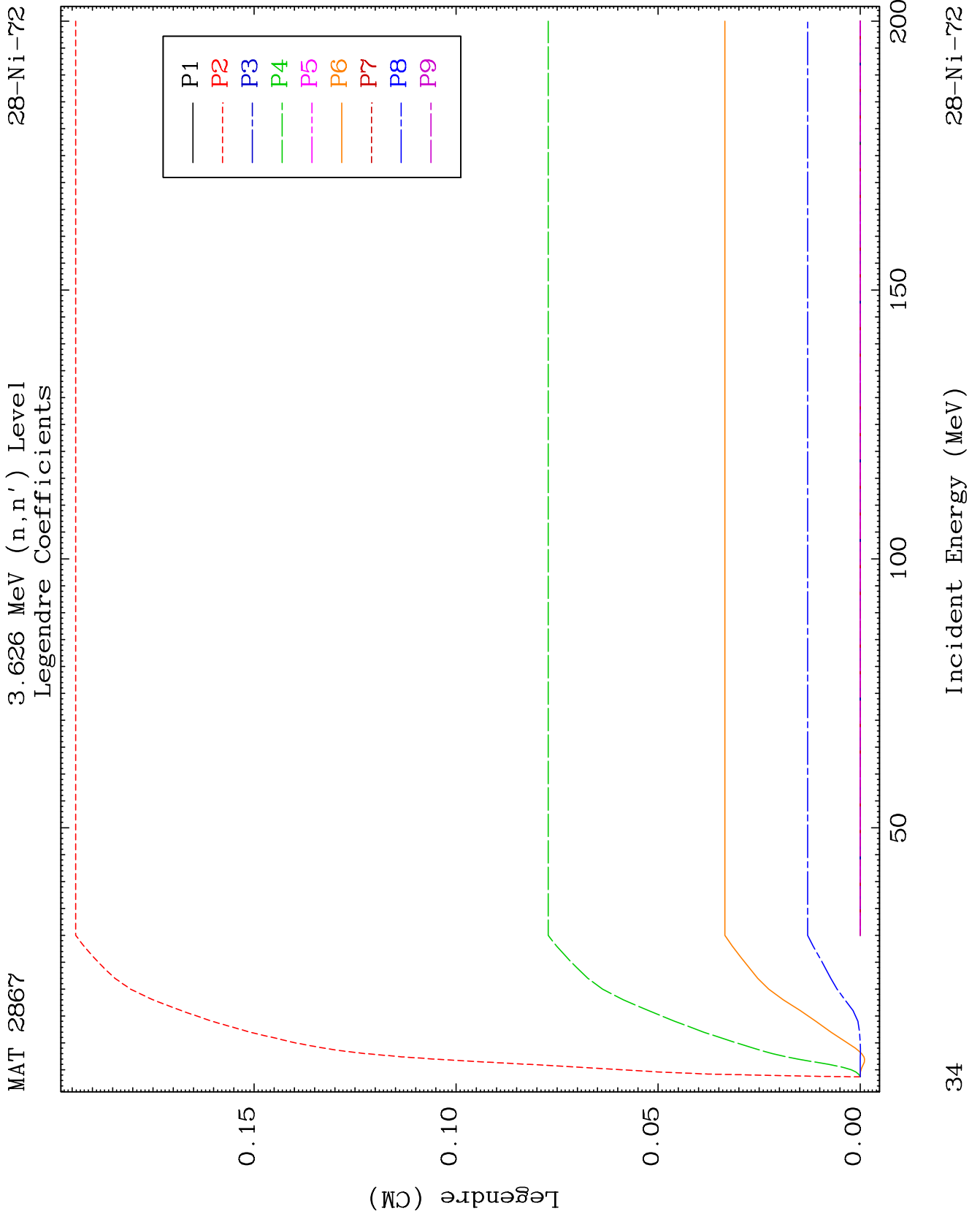


MAT 2867

3.621 MeV (n,n') Level
Legendre Coefficients

28-Ni-72

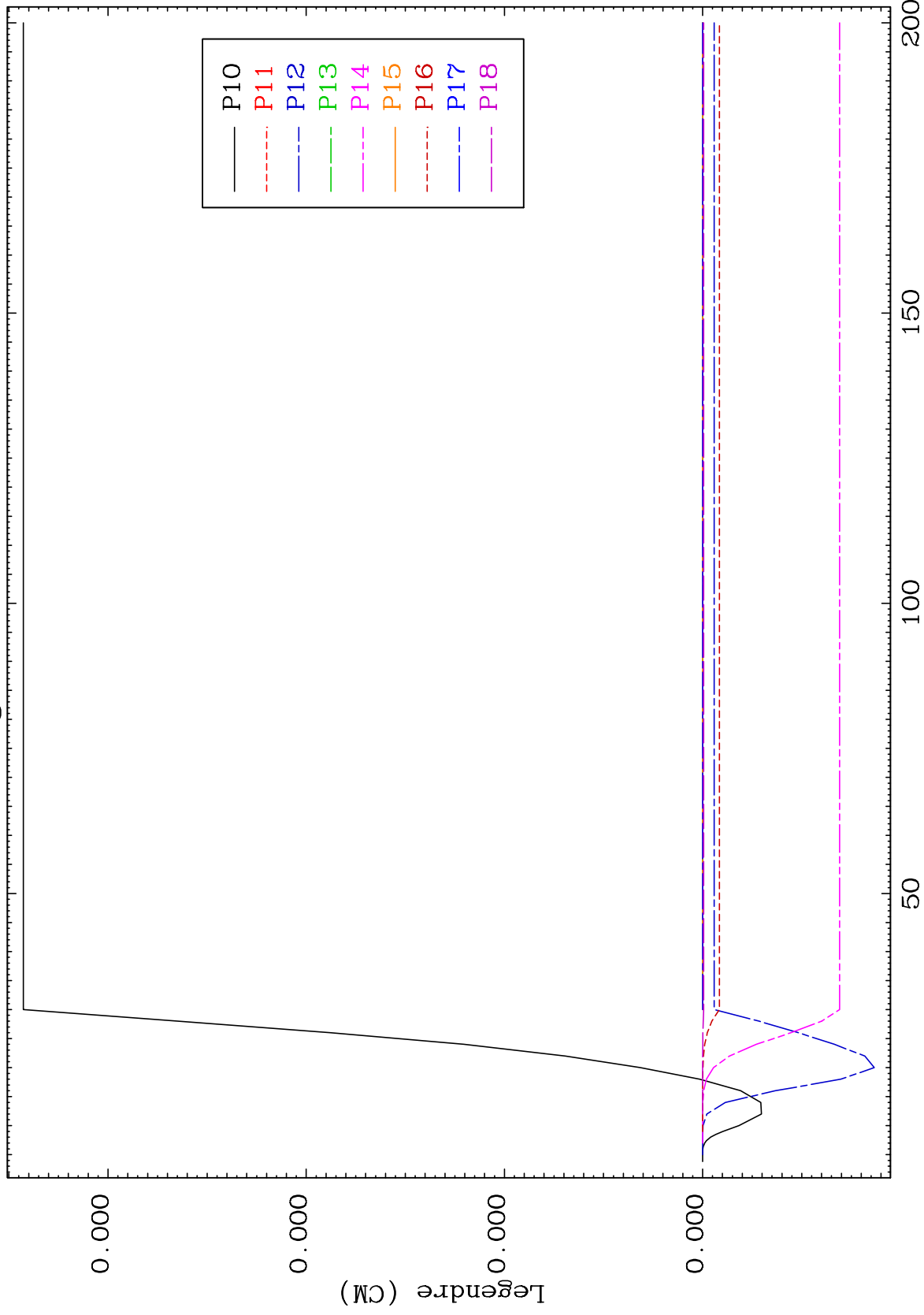




MAT 2867

3.626 MeV (n,n') Level
Legendre Coefficients

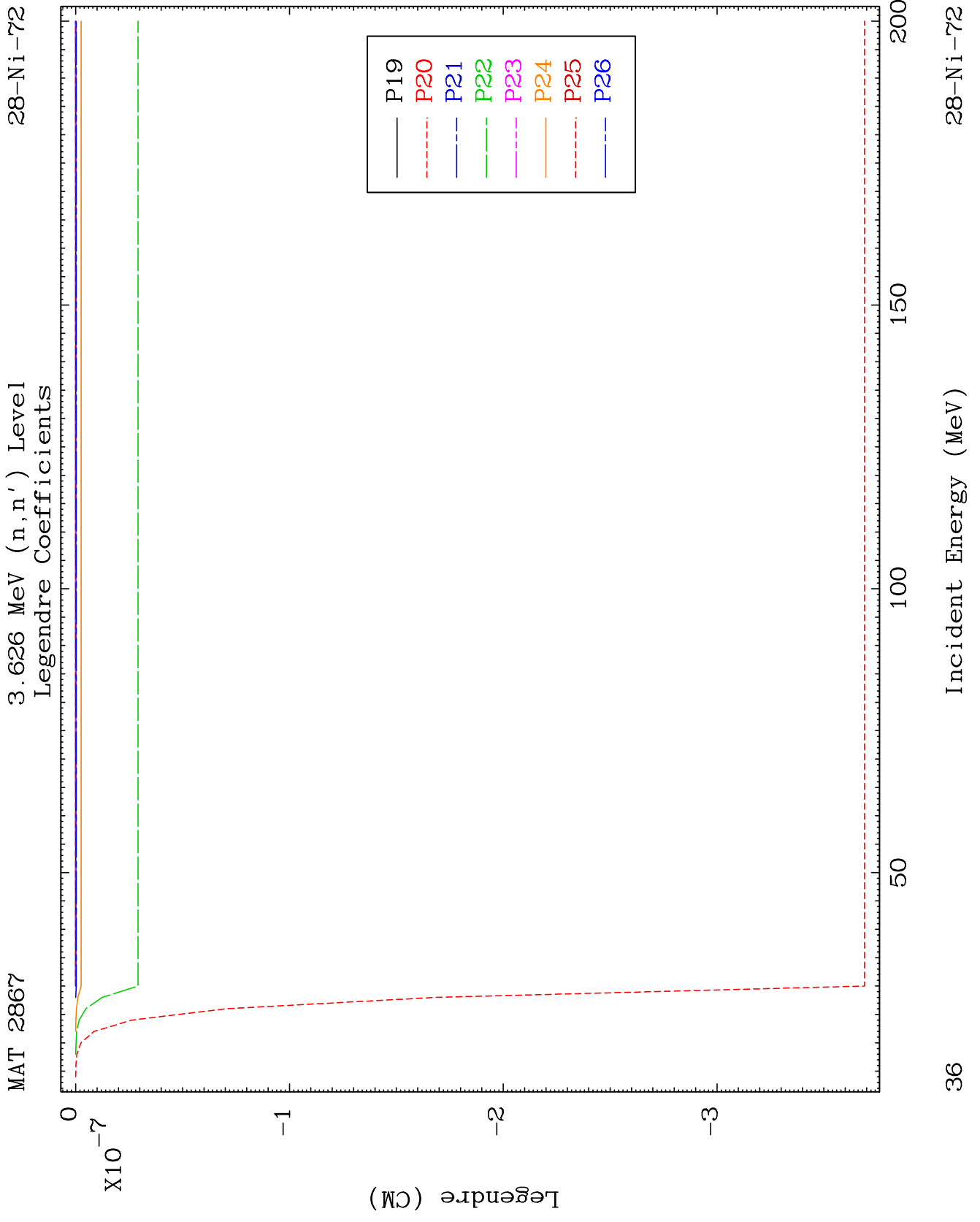
28-Ni-72



35

Incident Energy (MeV)

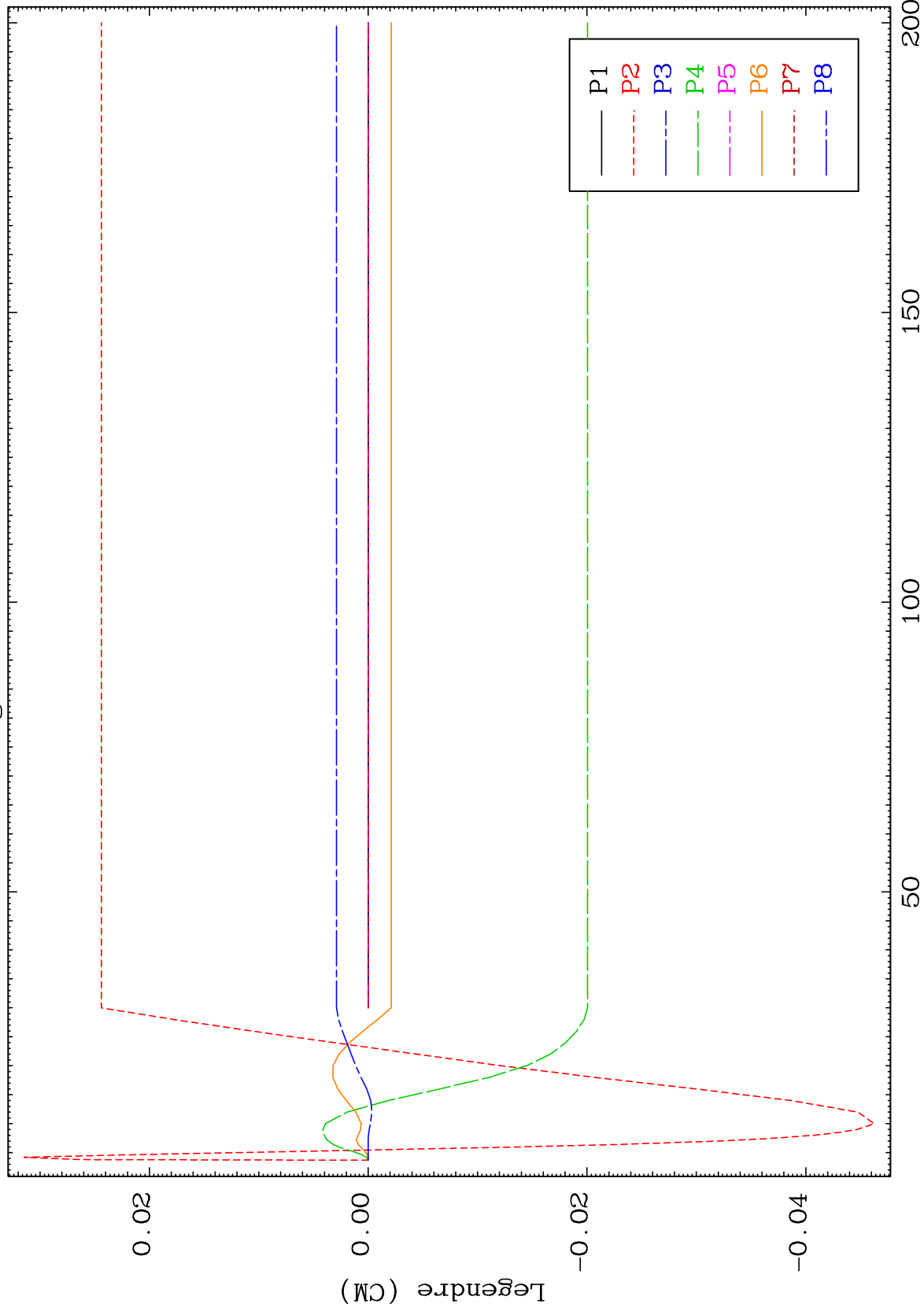
28-Ni-72



MAT 2867

3.645 MeV (n,n') Level
Legendre Coefficients

28-Ni-72



37

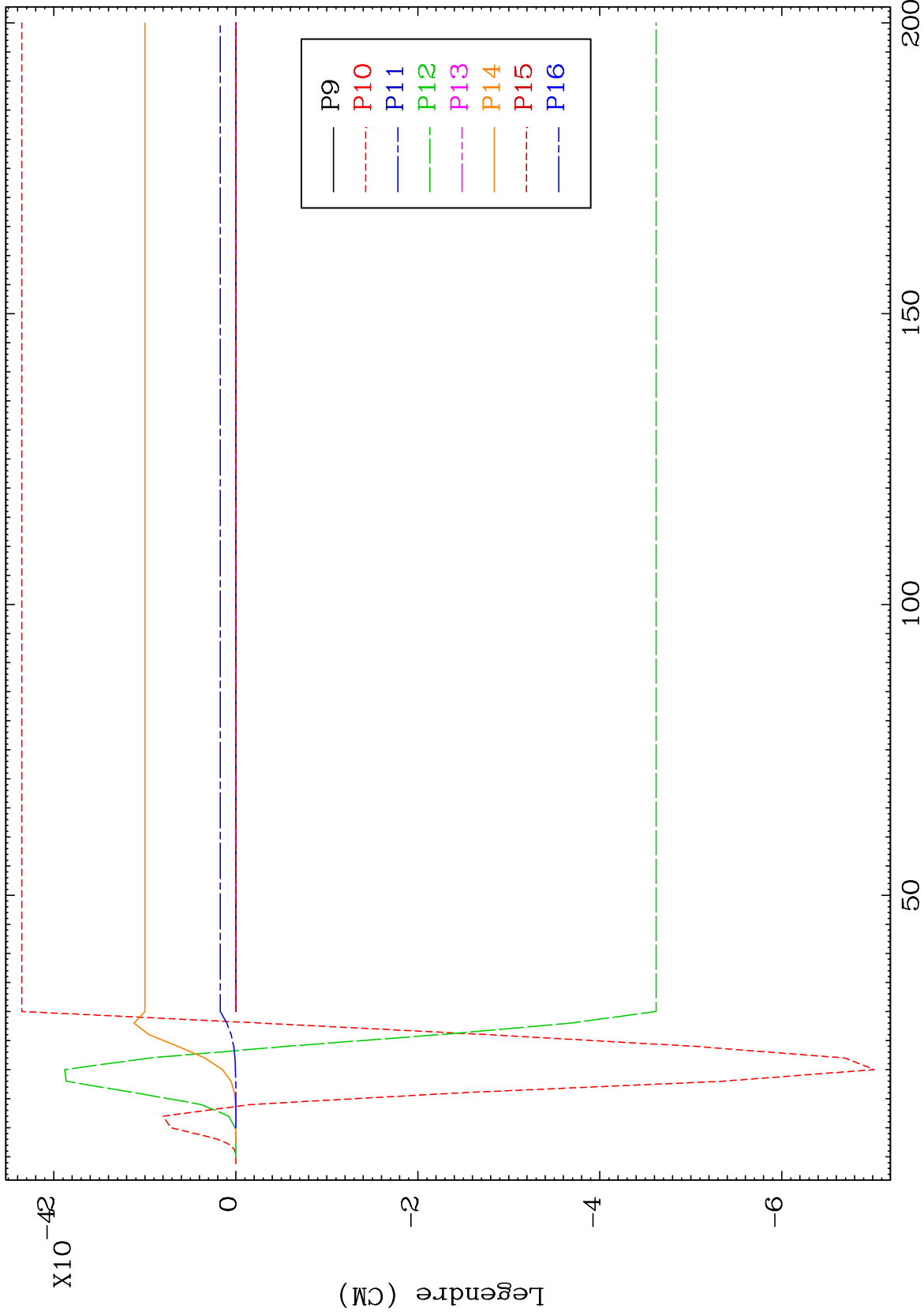
Incident Energy (MeV)

28-Ni-72

MAT 2867

3.645 MeV (n,n') Level
Legendre Coefficients

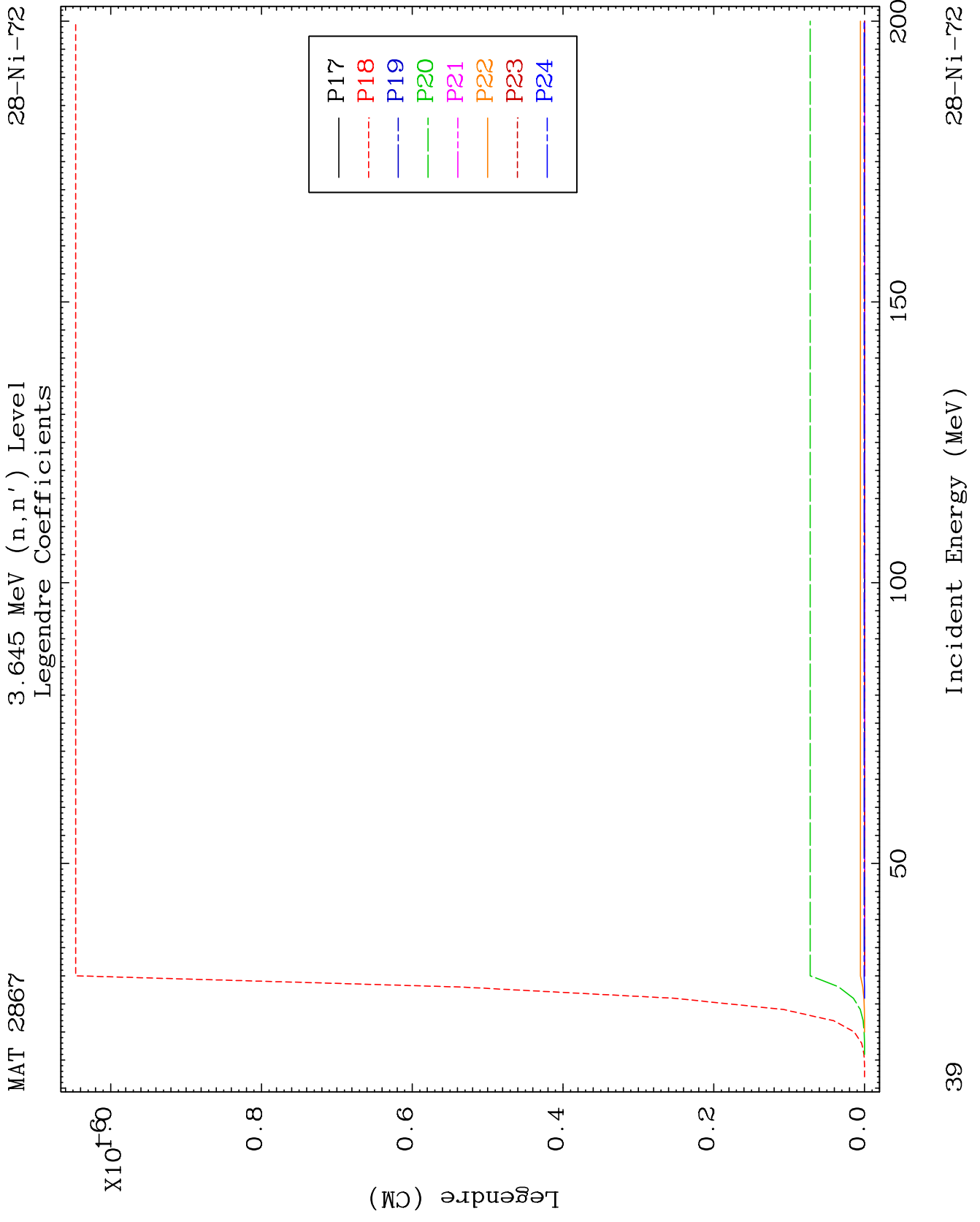
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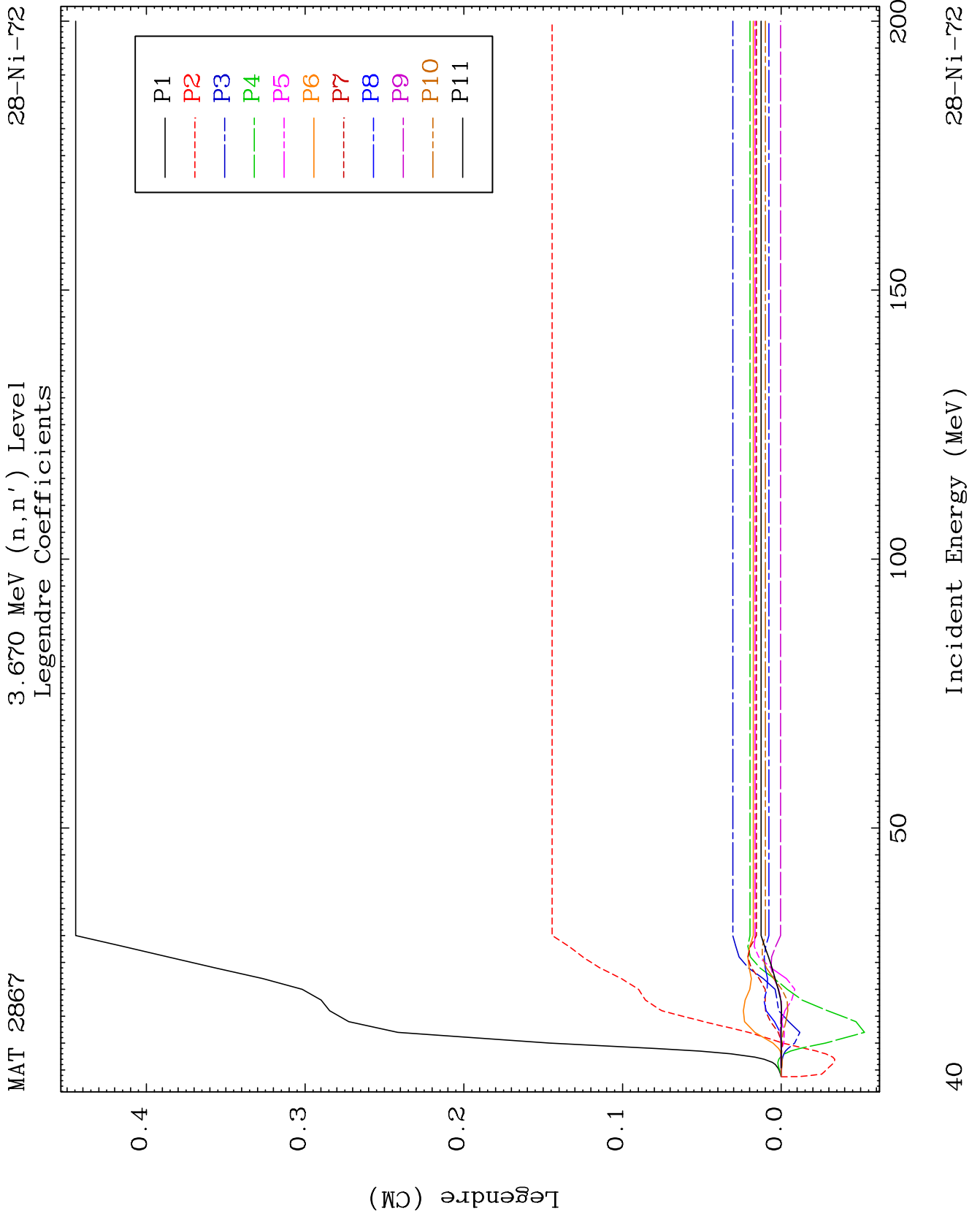


38

Incident Energy (MeV)

28-Ni-72

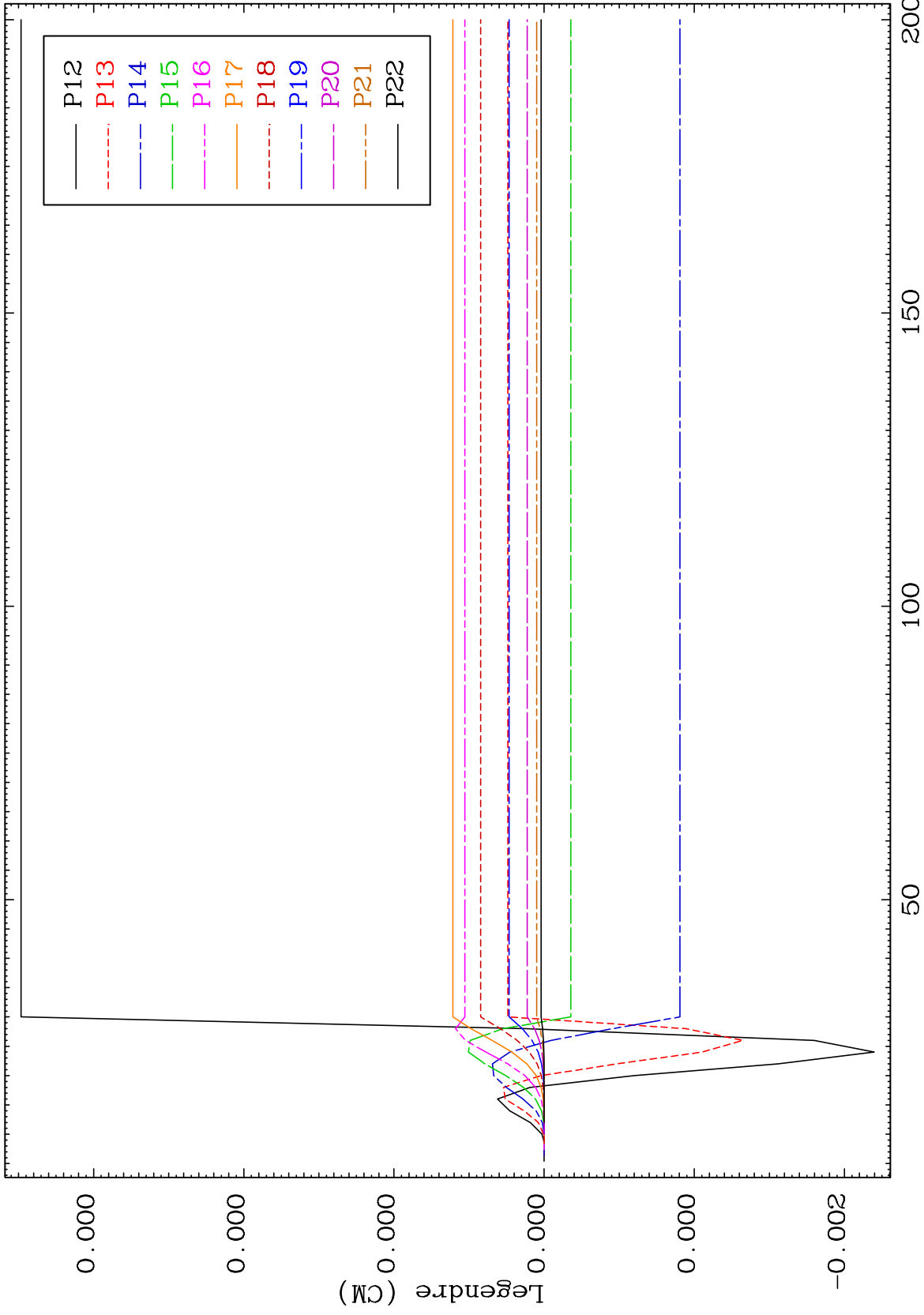




MAT 2867

3.670 MeV (n,n') Level
Legendre Coefficients

28-Ni-72



41

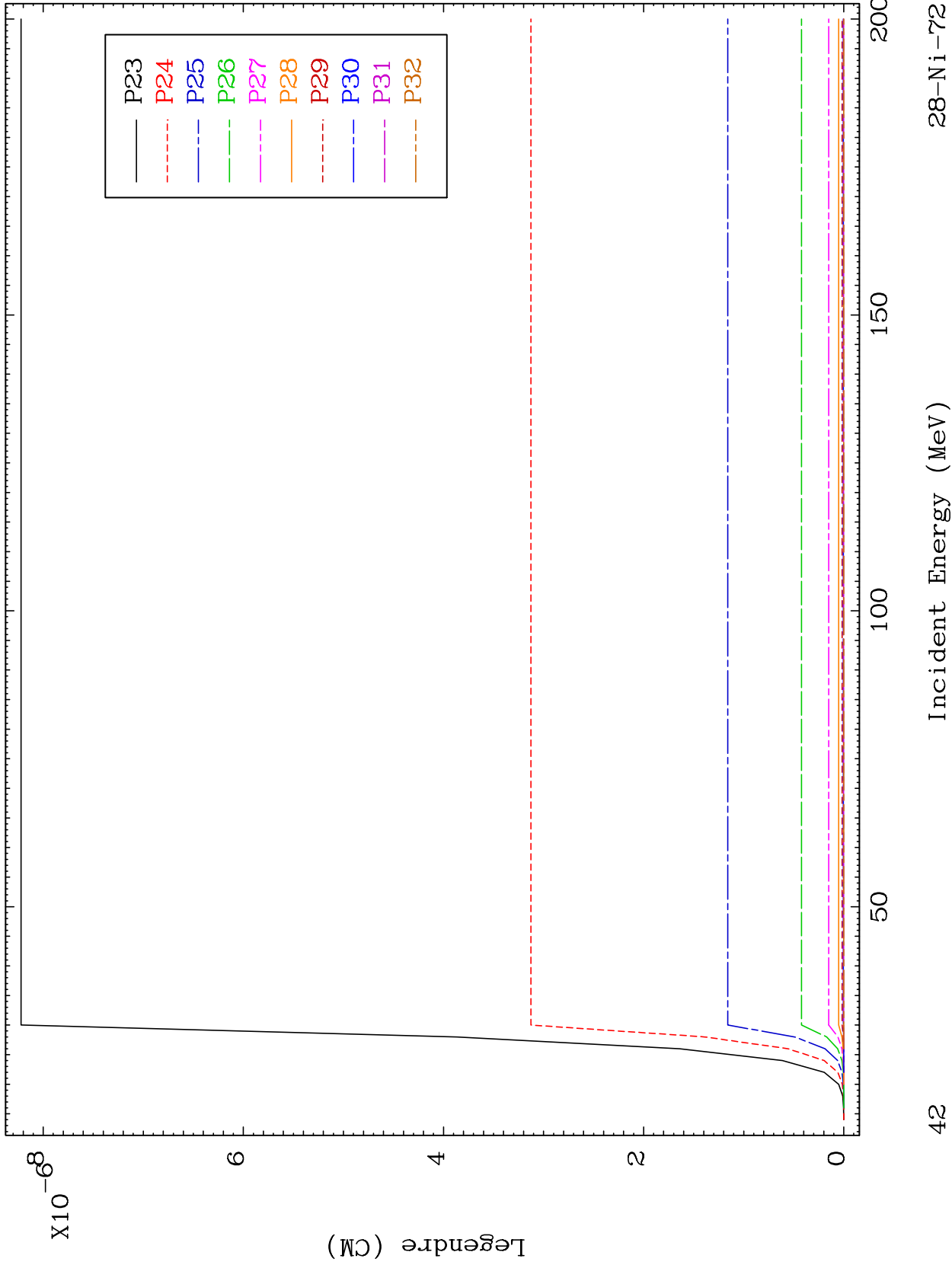
Incident Energy (MeV)

28-Ni-72

MAT 2867

3.670 MeV (n,n') Level
Legendre Coefficients

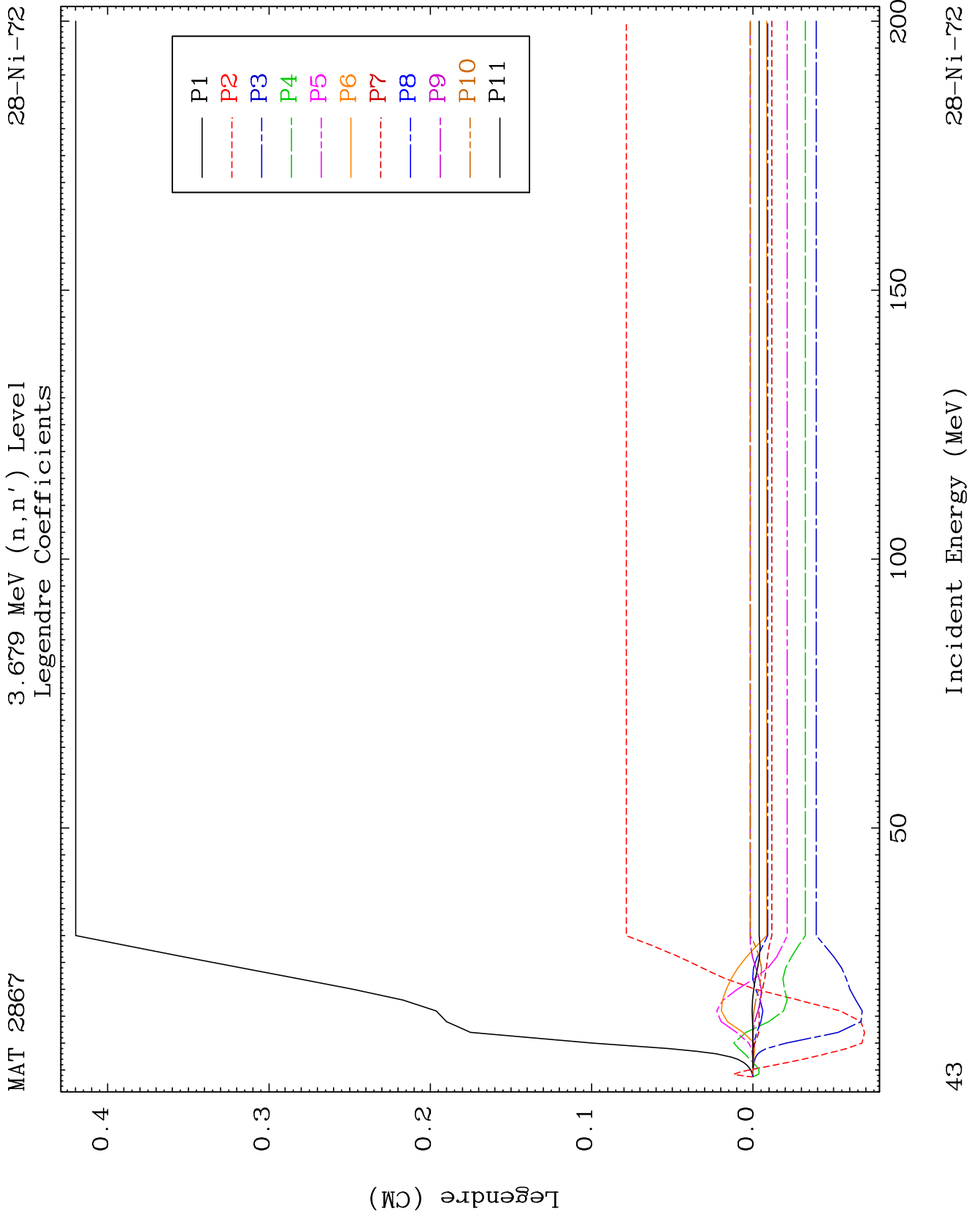
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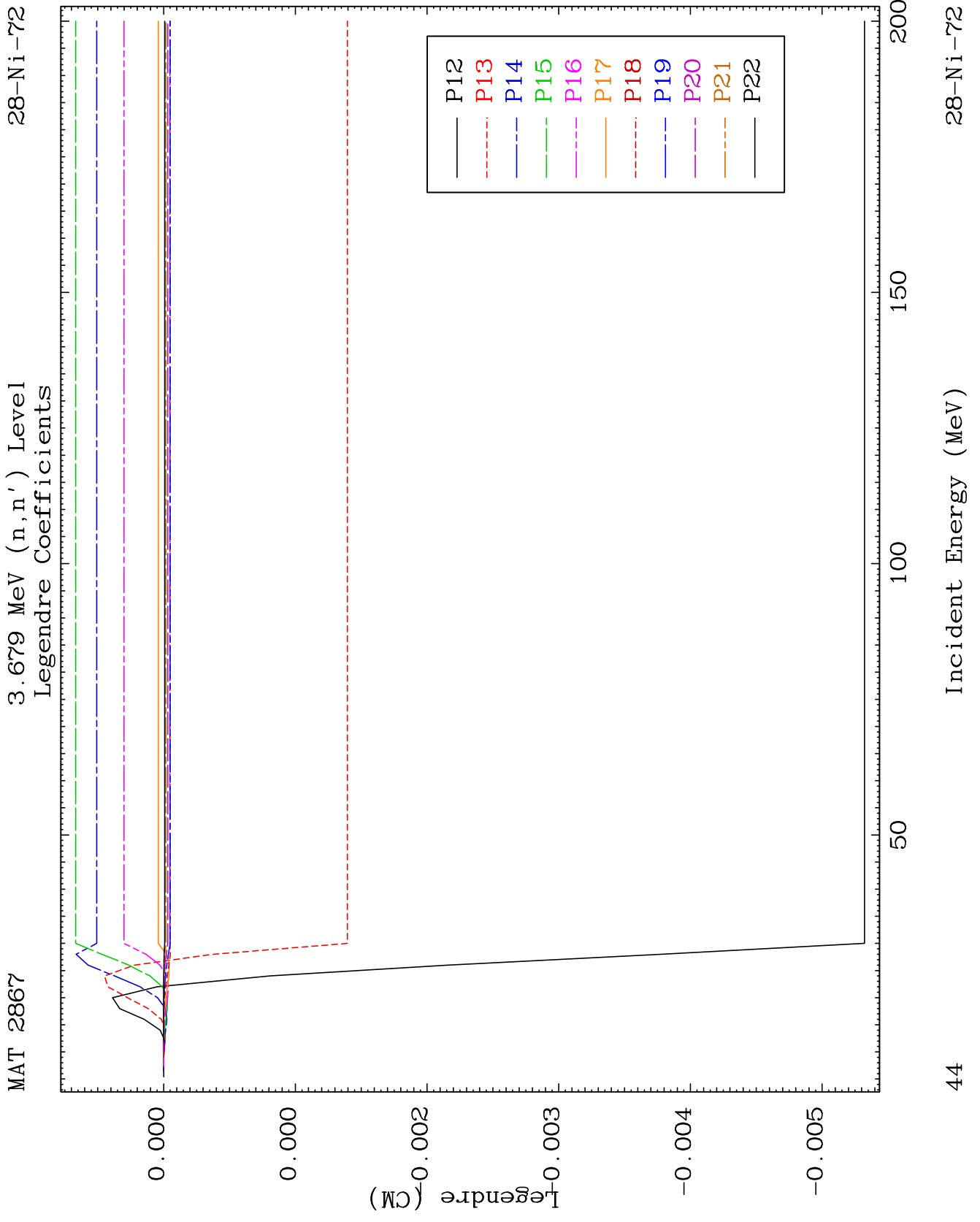


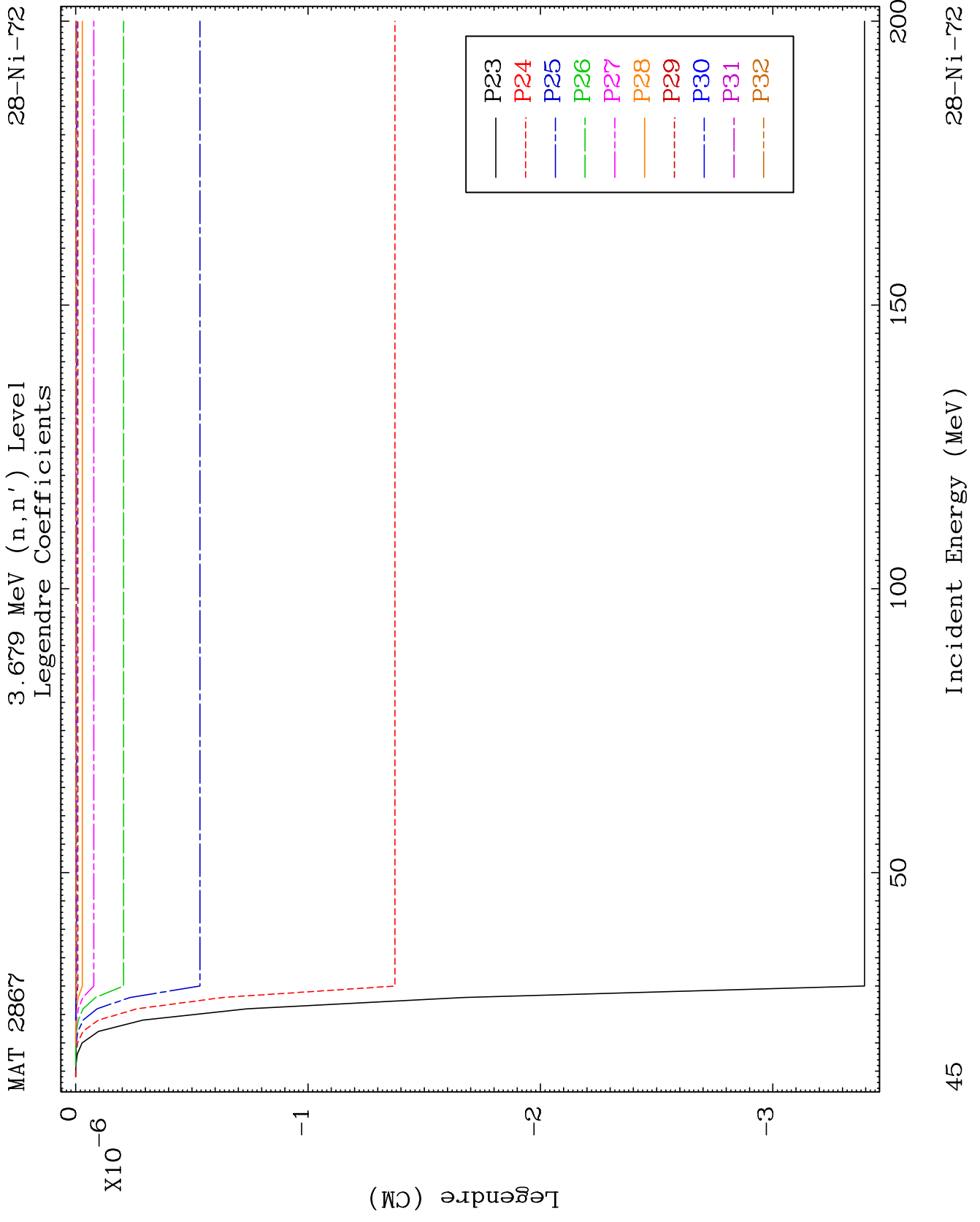
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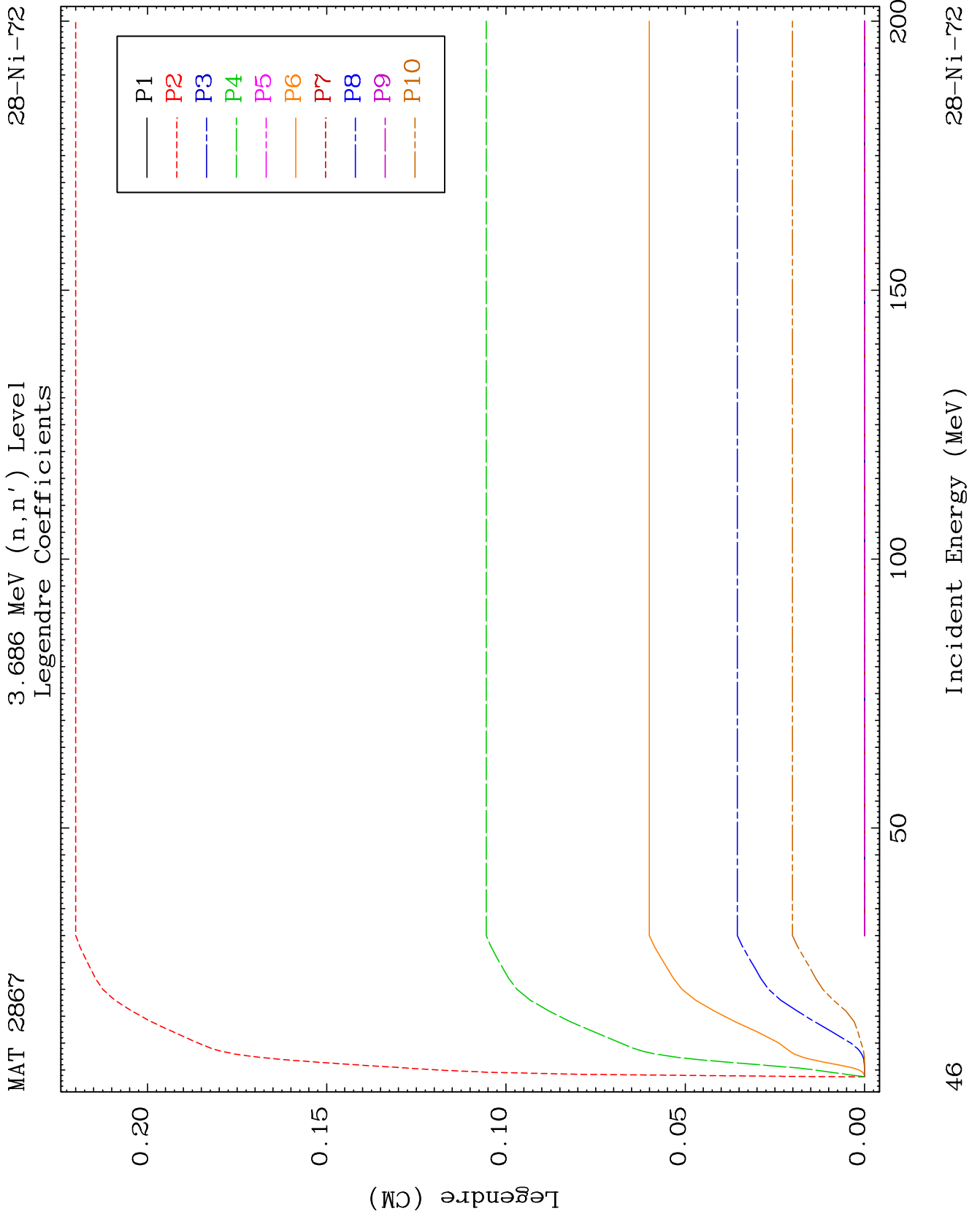
Incident Energy (MeV)

28-Ni-72





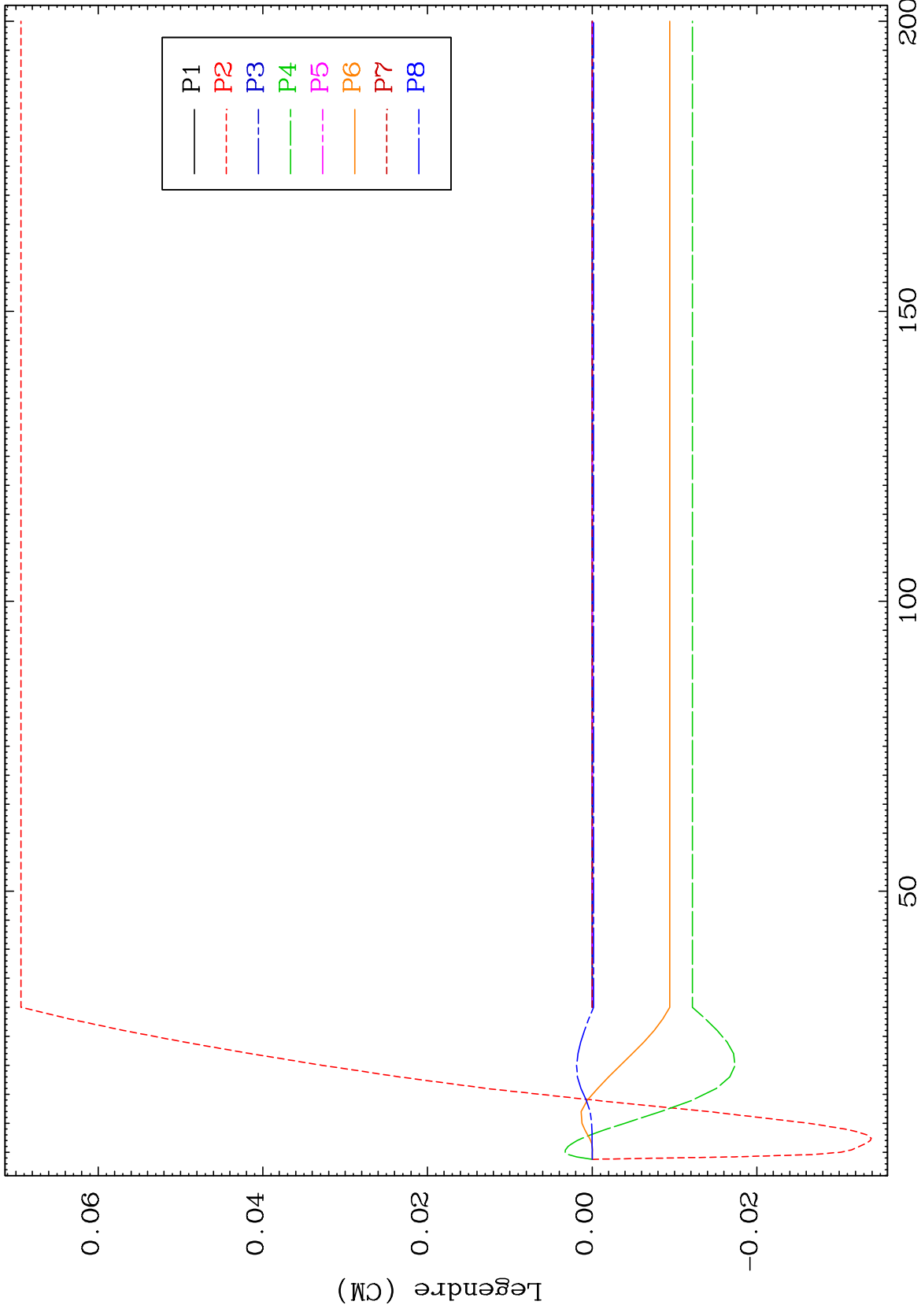


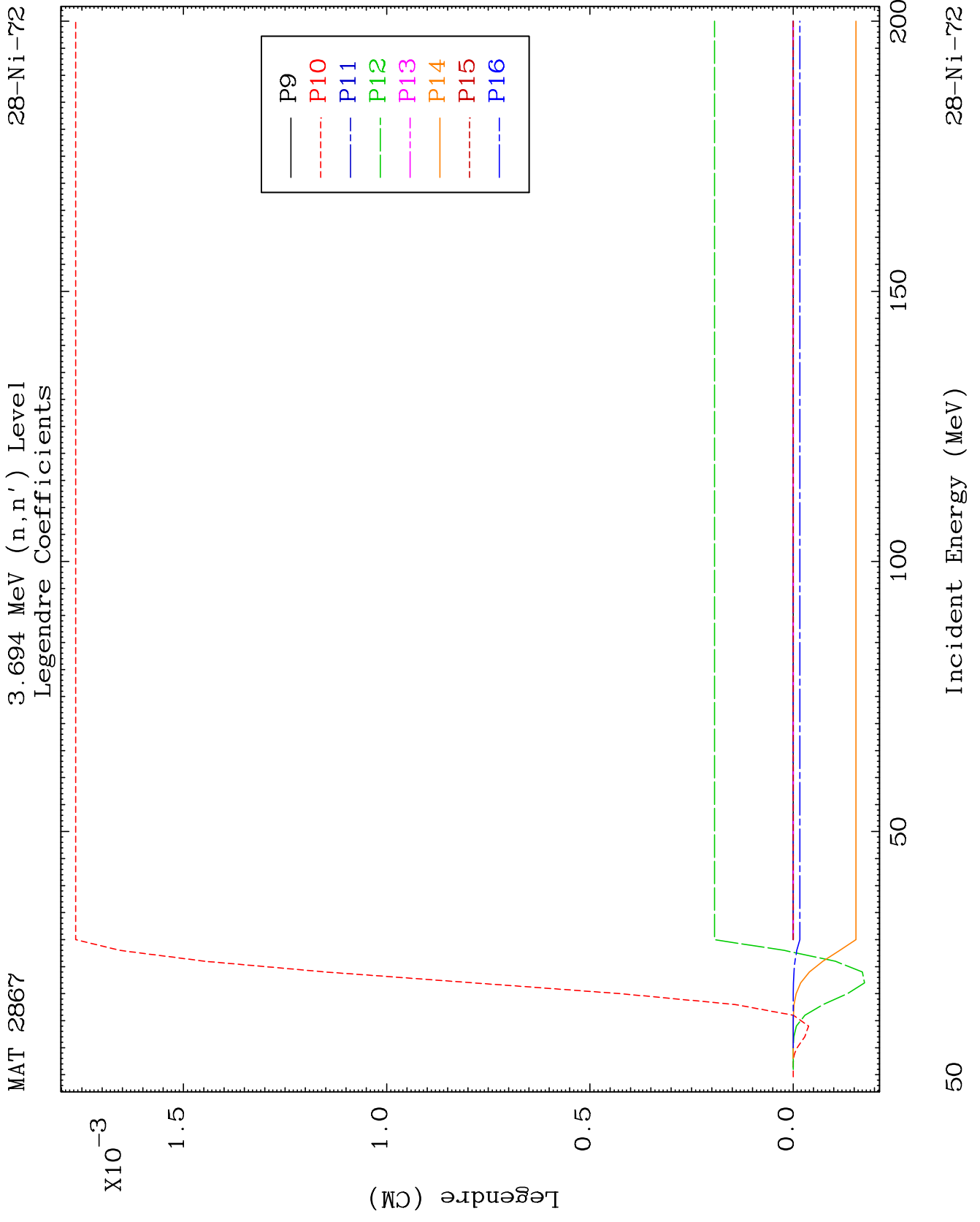


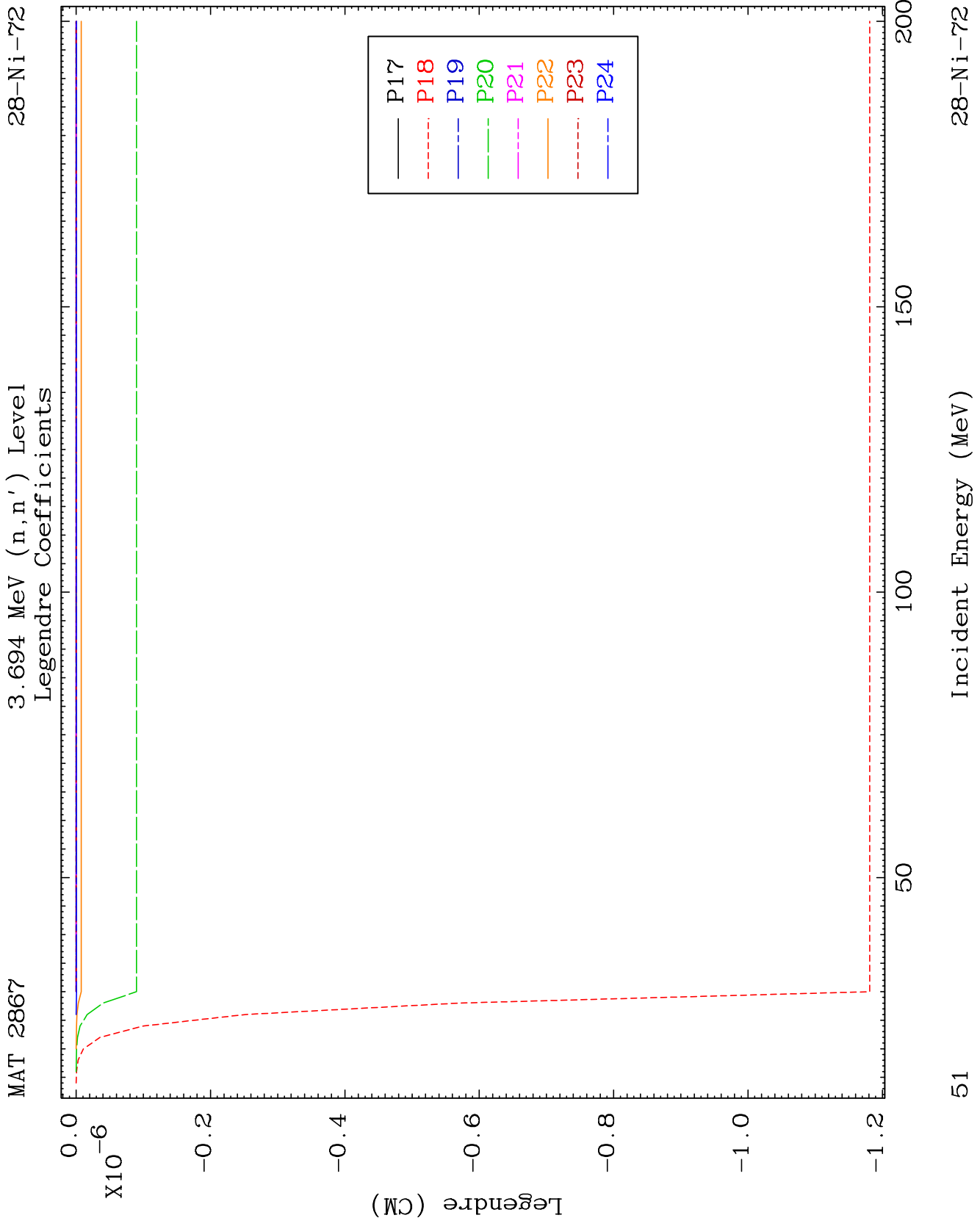
MAT 2867

3.694 MeV (n,n') Level
Legendre Coefficients

28-Ni-72



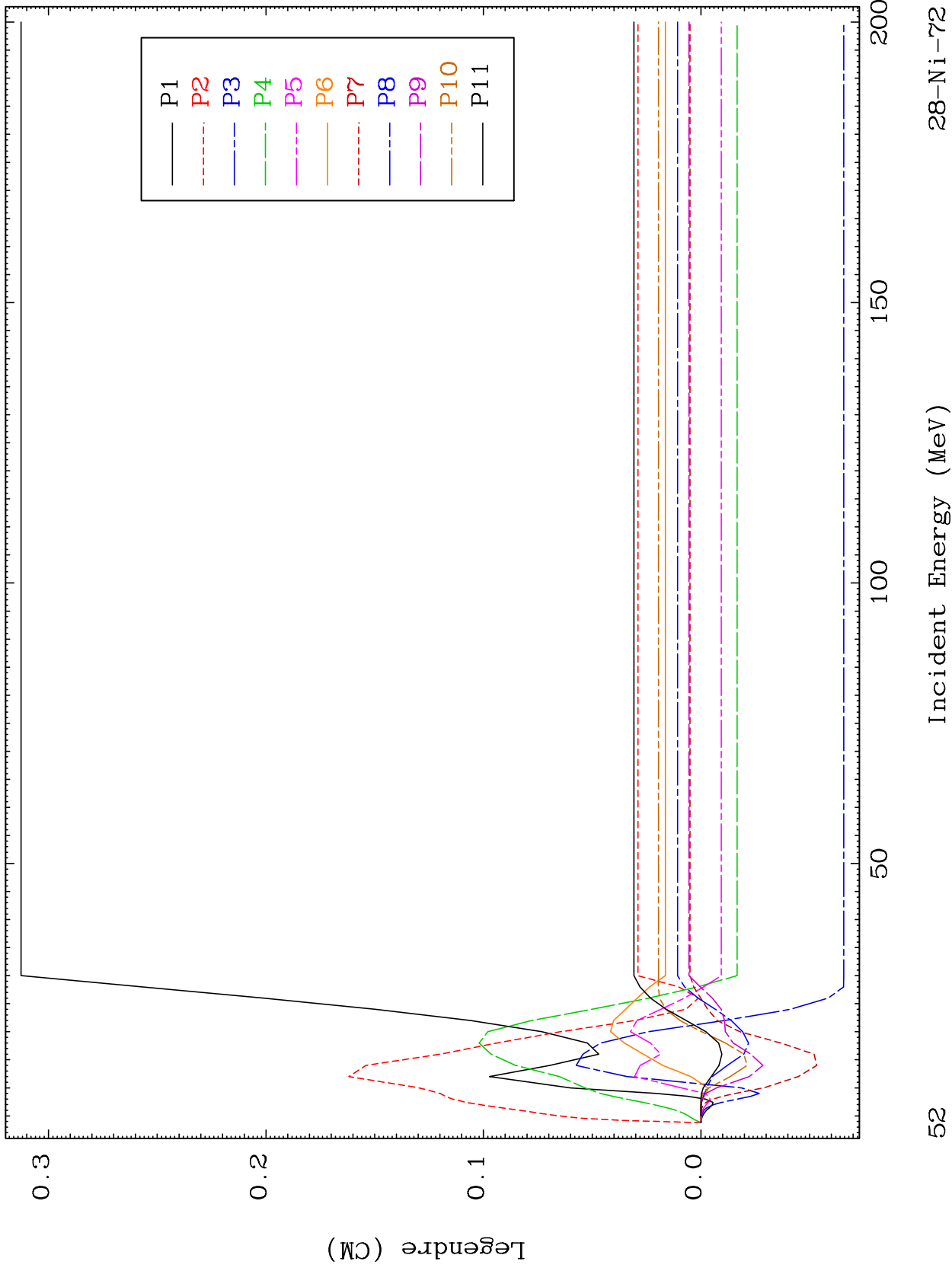




MAT 2867

3.727 MeV (n,n') Level
Legendre Coefficients

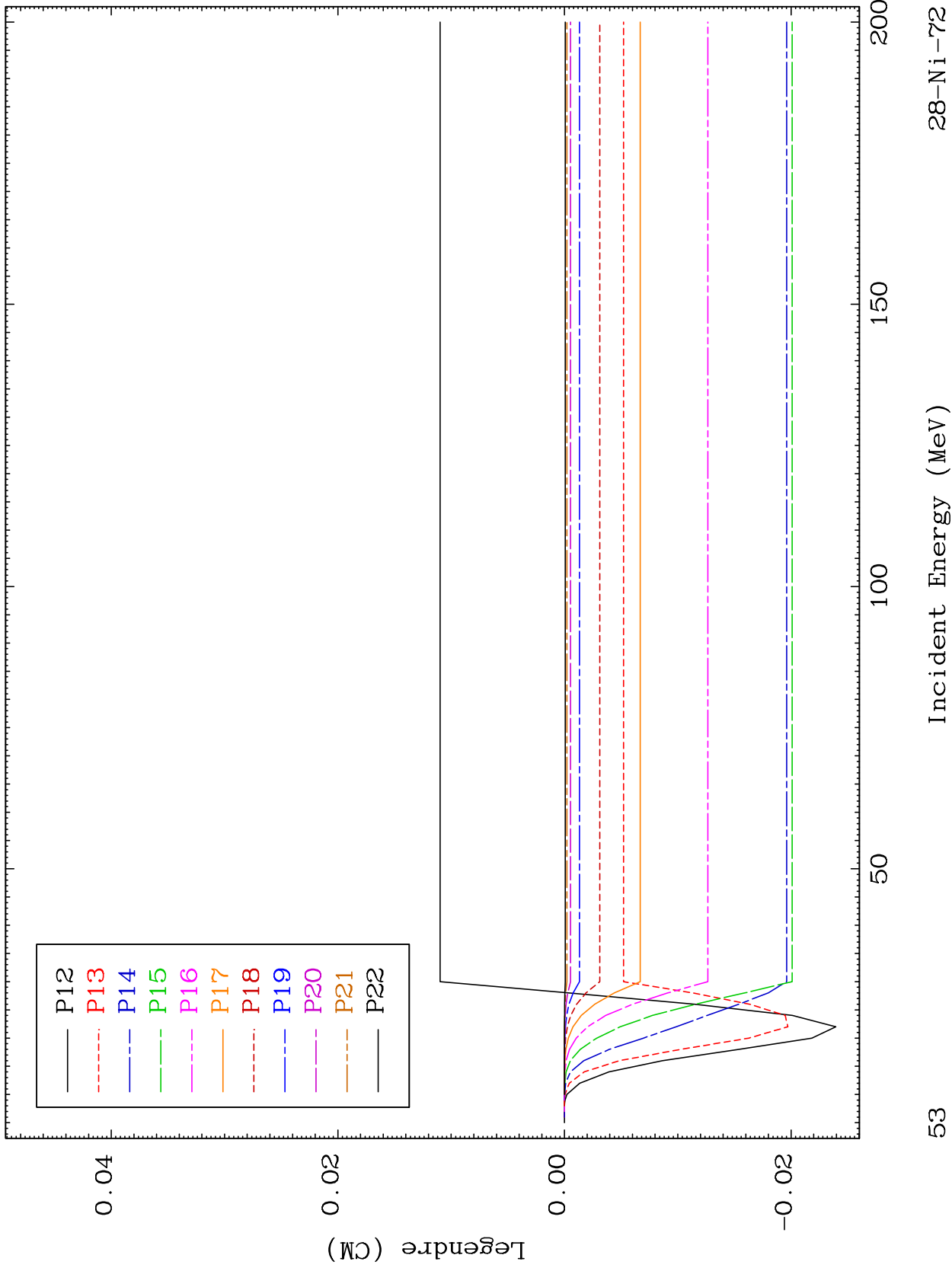
28-Ni-72

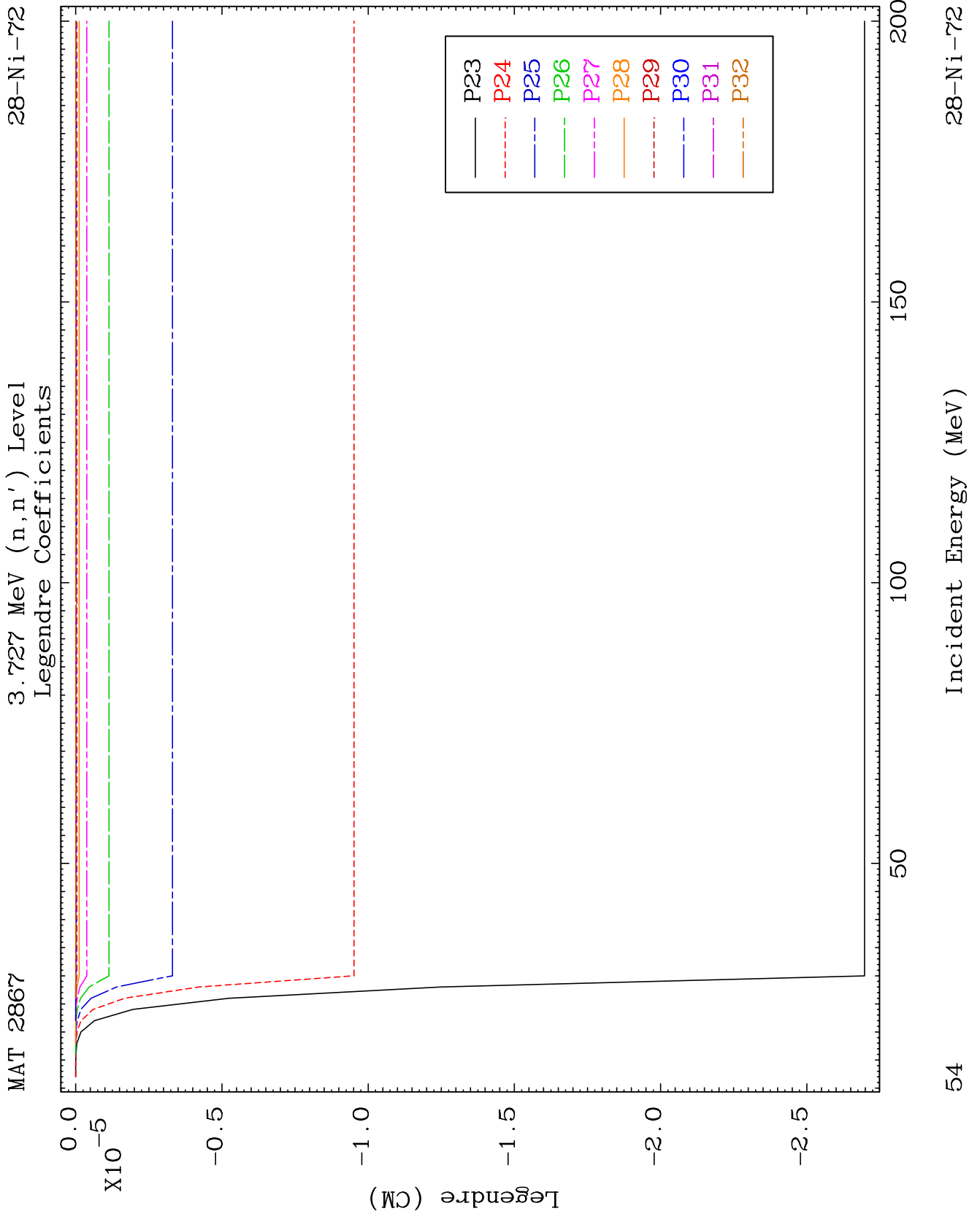


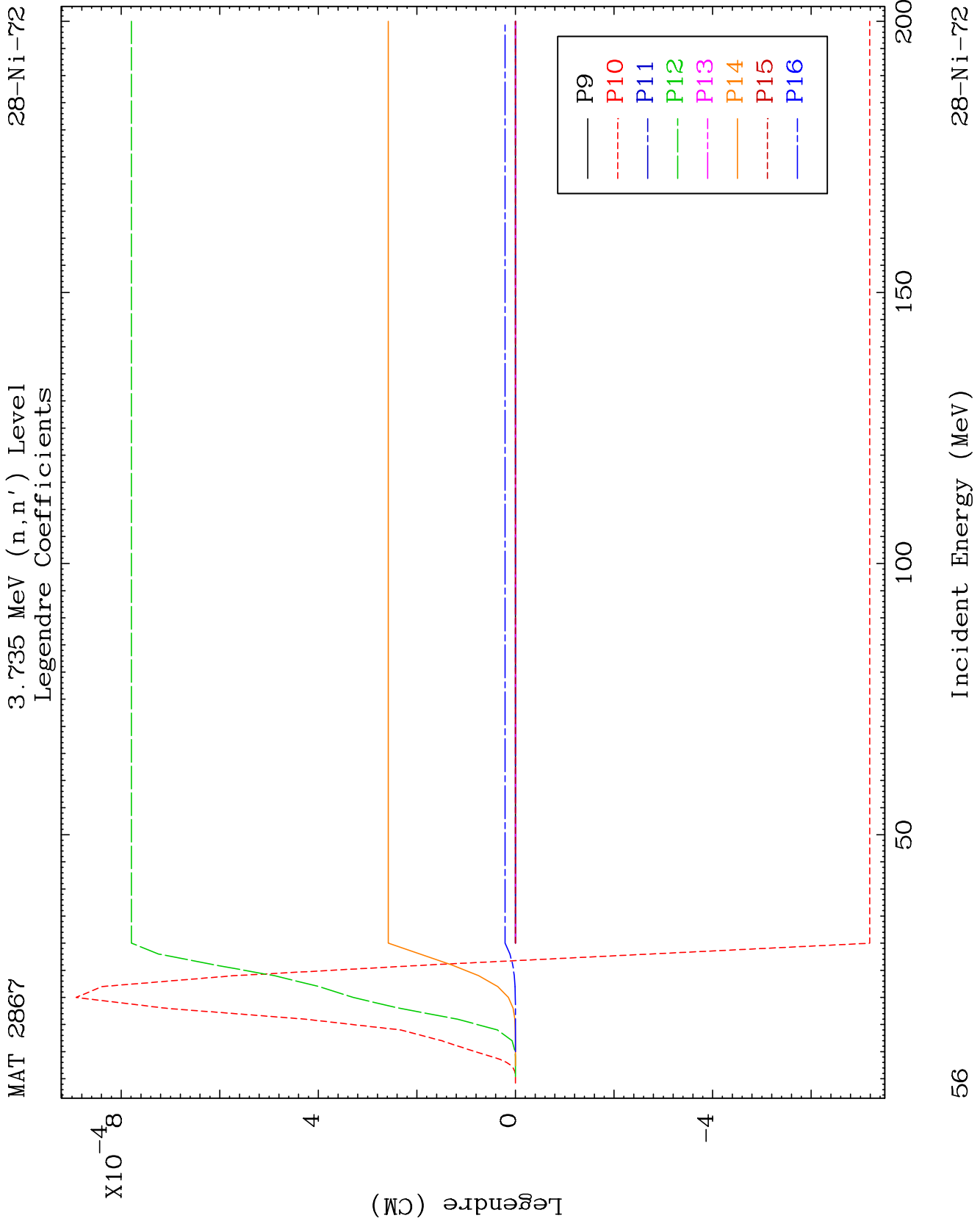
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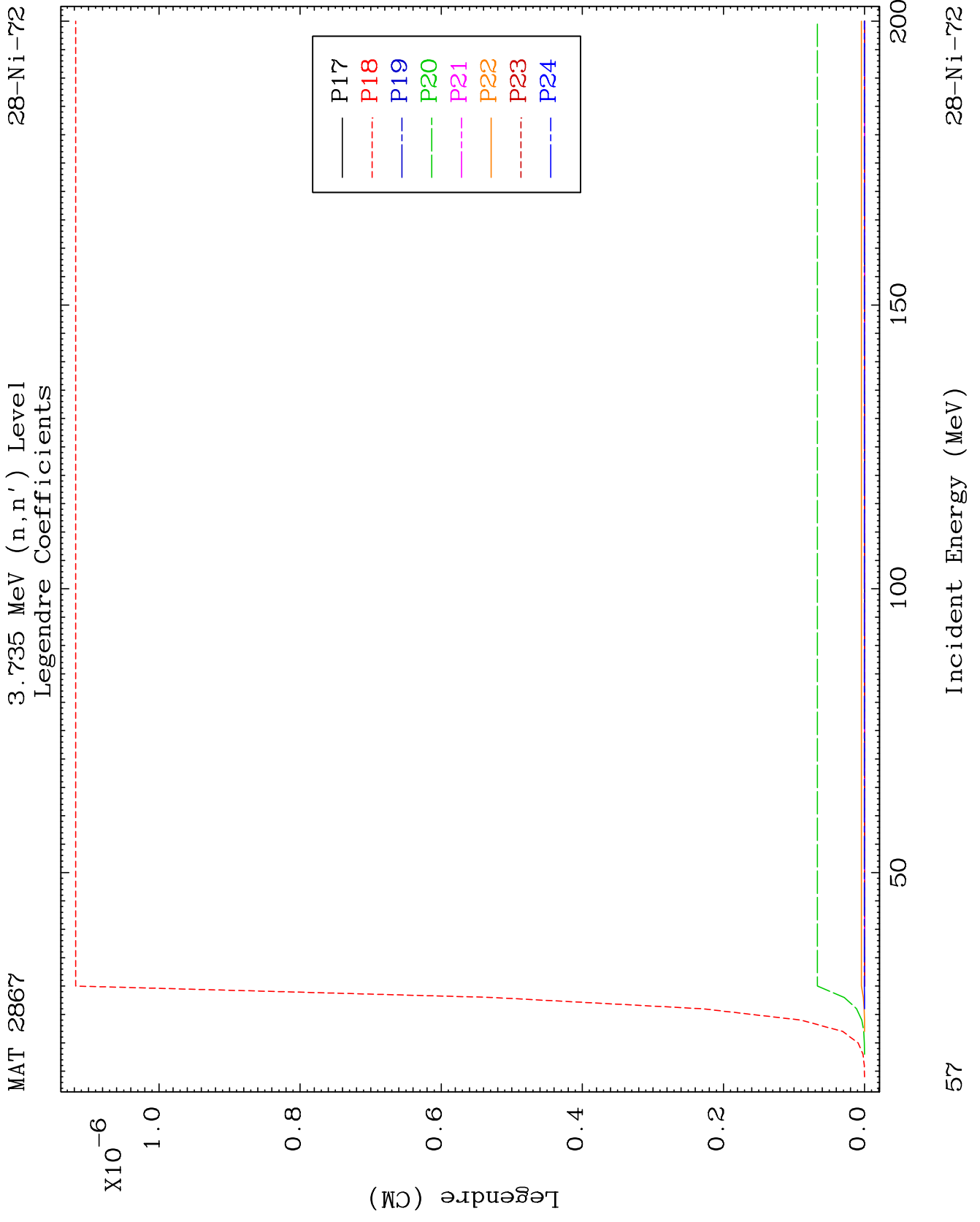
Incident Energy (MeV)

28-Ni-72





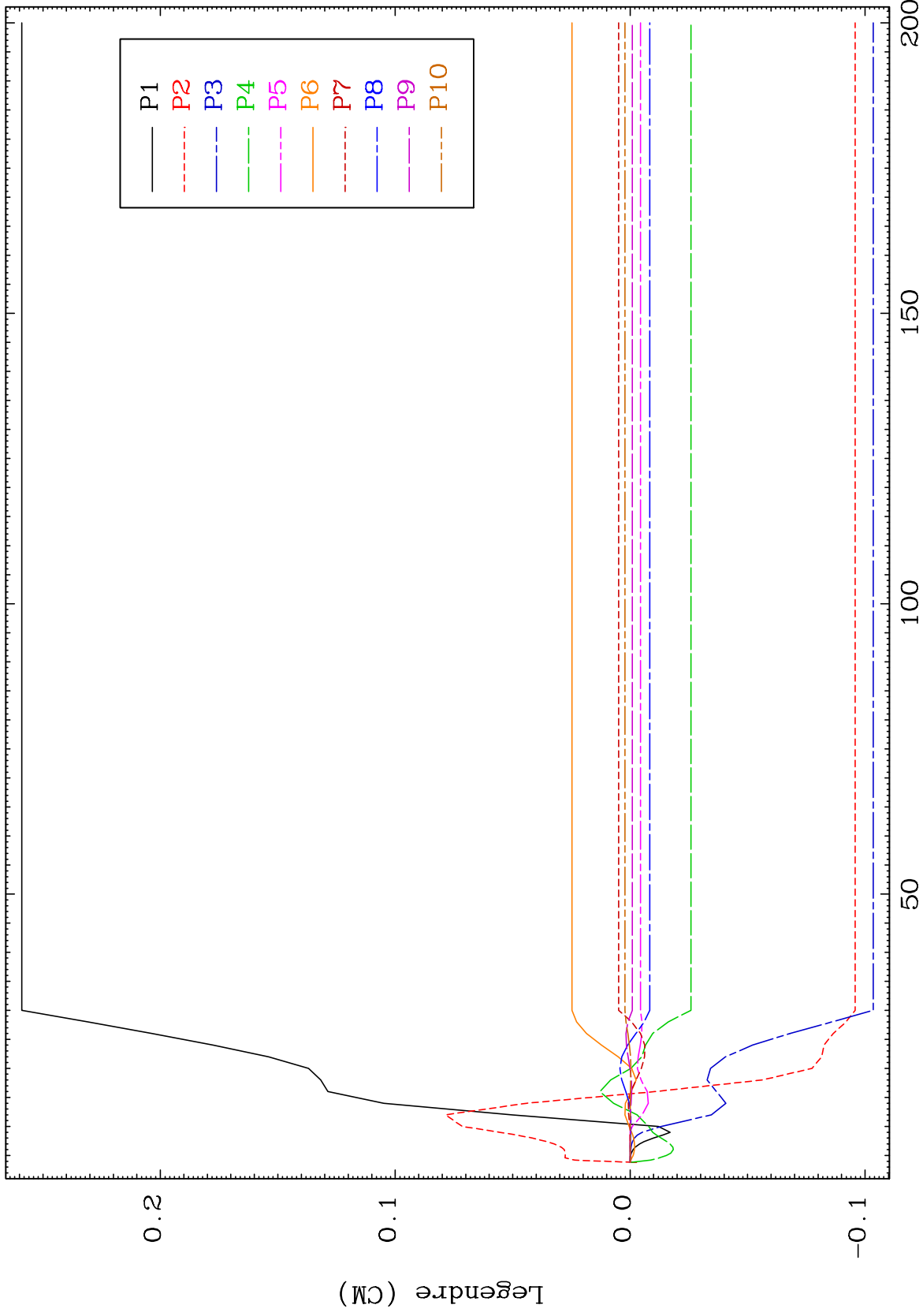




MAT 2867

3.743 MeV (n,n') Level
Legendre Coefficients

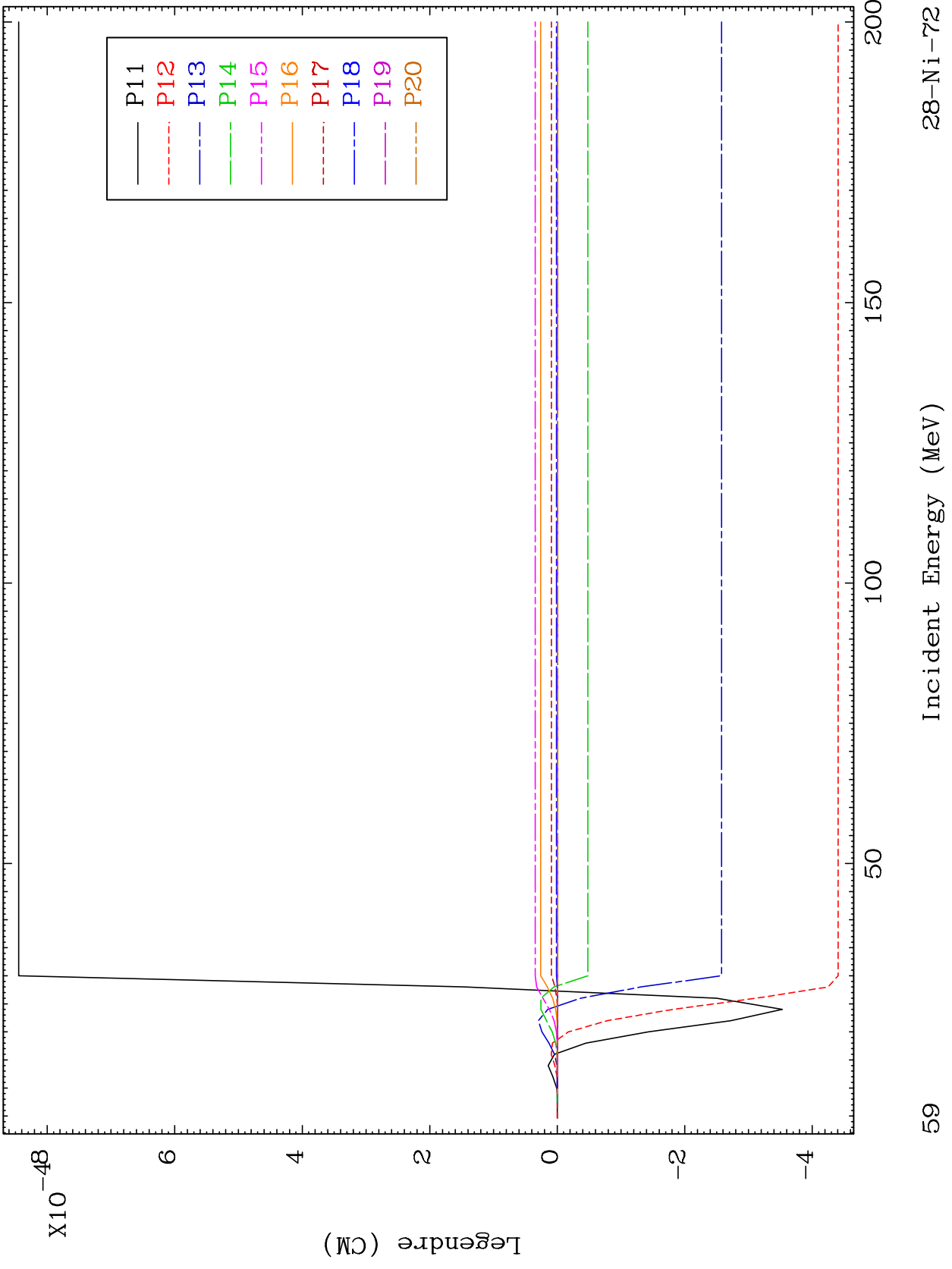
28-Ni-72



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Incident Energy (MeV)

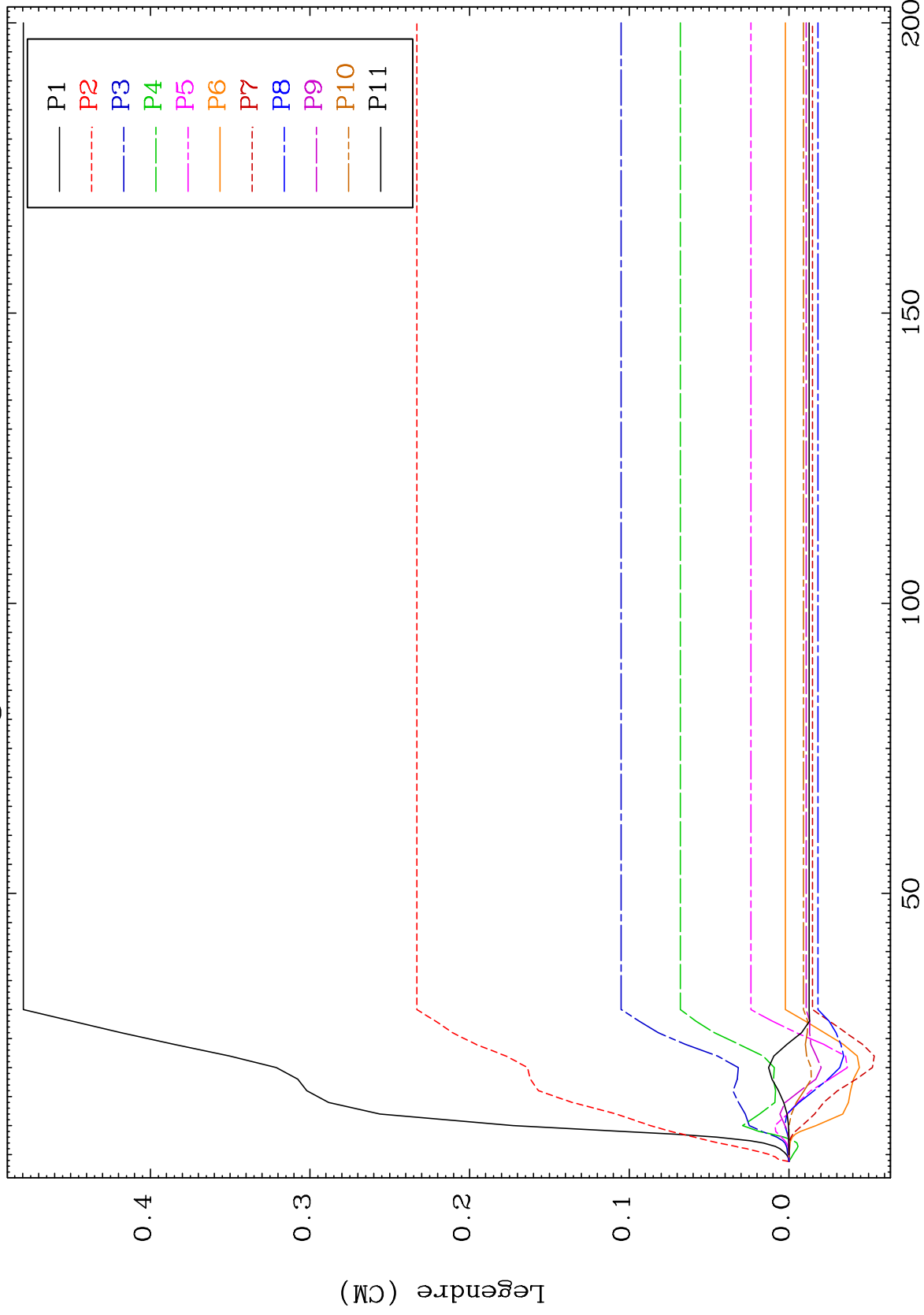
28-Ni-72



MAT 2867

3.745 MeV (n,n') Level
Legendre Coefficients

28-Ni-72



61

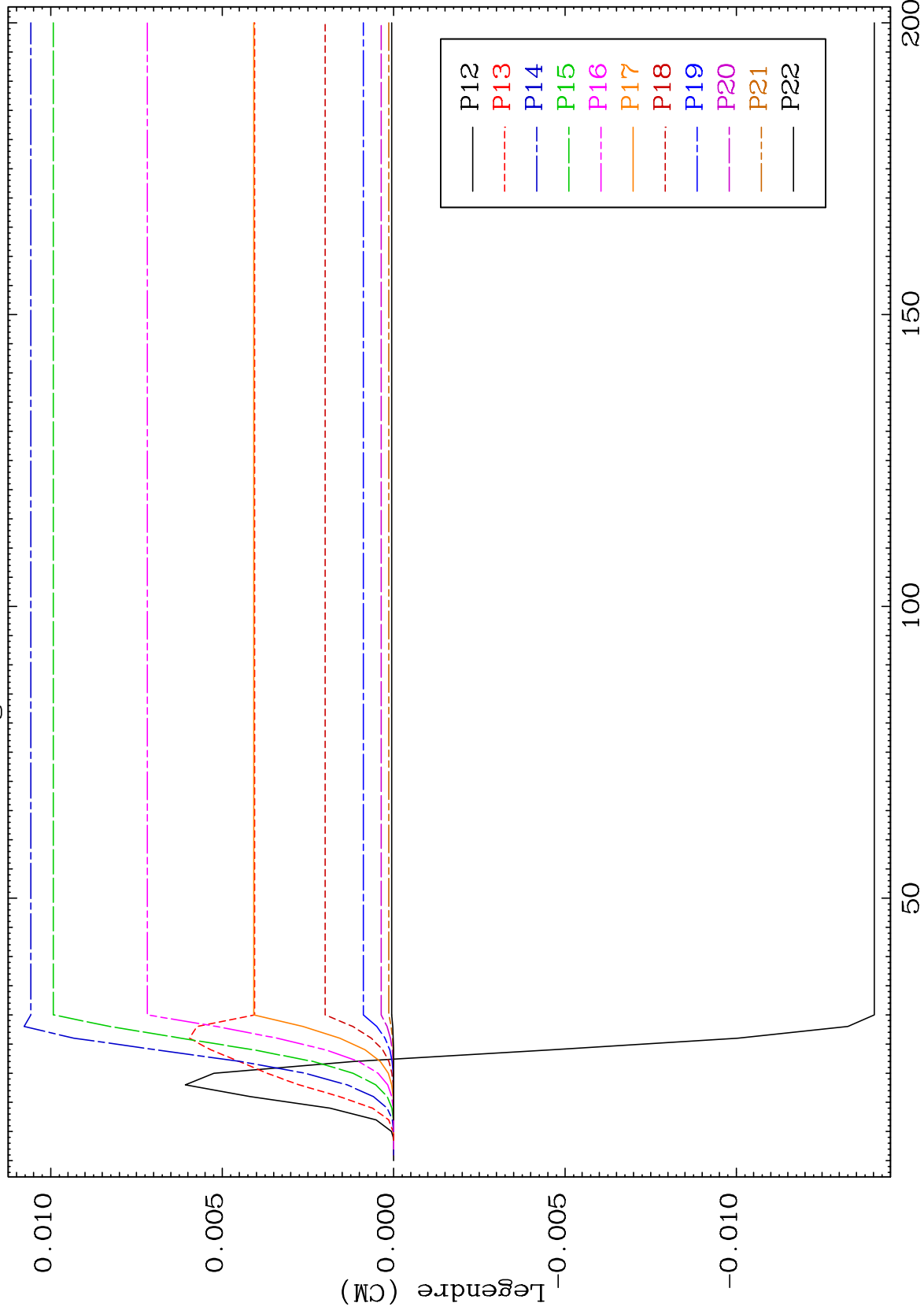
Incident Energy (MeV)

28-Ni-72

MAT 2867

3.745 MeV (n,n') Level
Legendre Coefficients

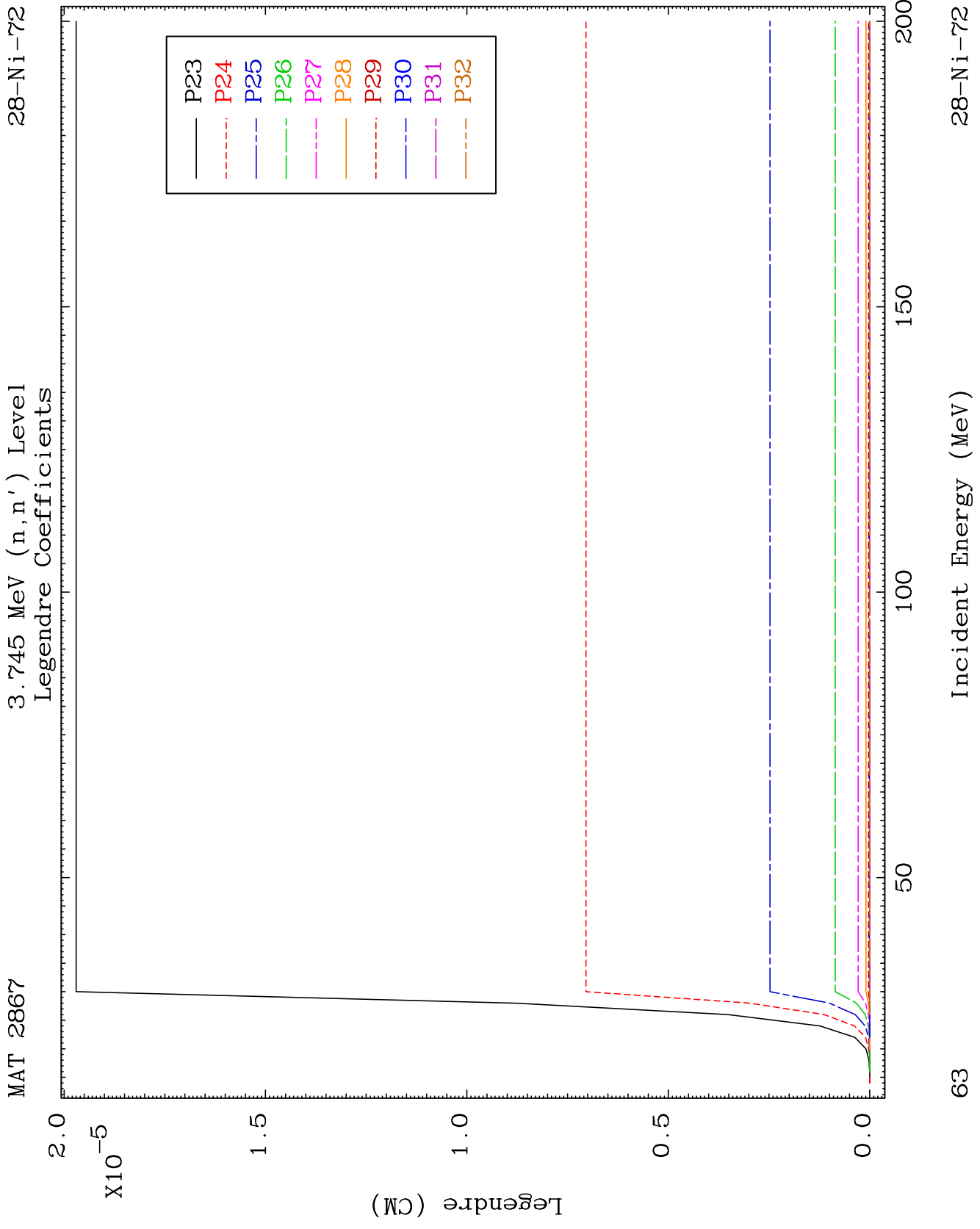
28-Ni-72



62

Incident Energy (MeV)

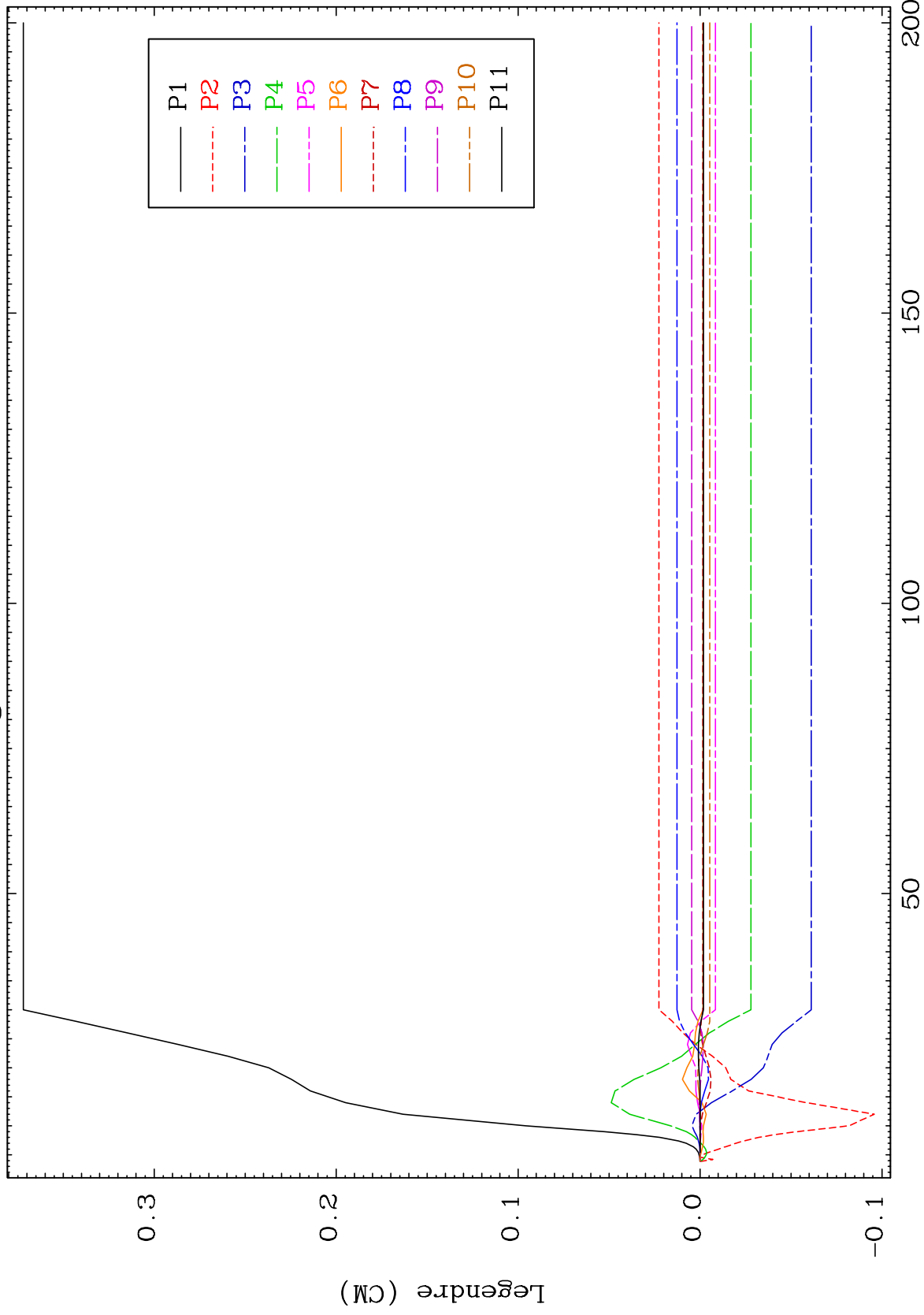
28-Ni-72



MAT 2867

3.785 MeV (n,n') Level
Legendre Coefficients

28-Ni-72



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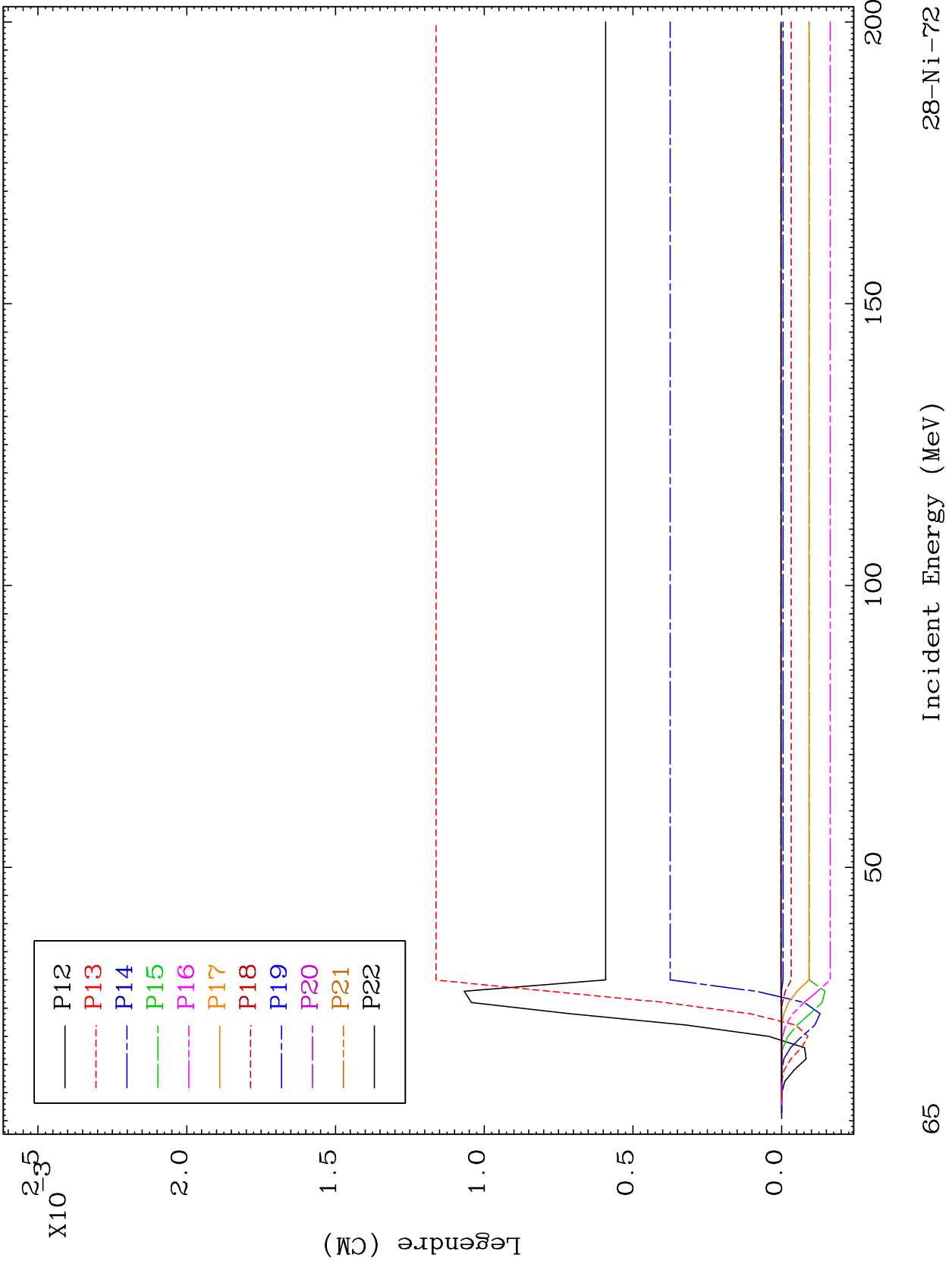
Incident Energy (MeV)

28-Ni-72

MAT 2867

3.785 MeV (n,n') Level
Legendre Coefficients

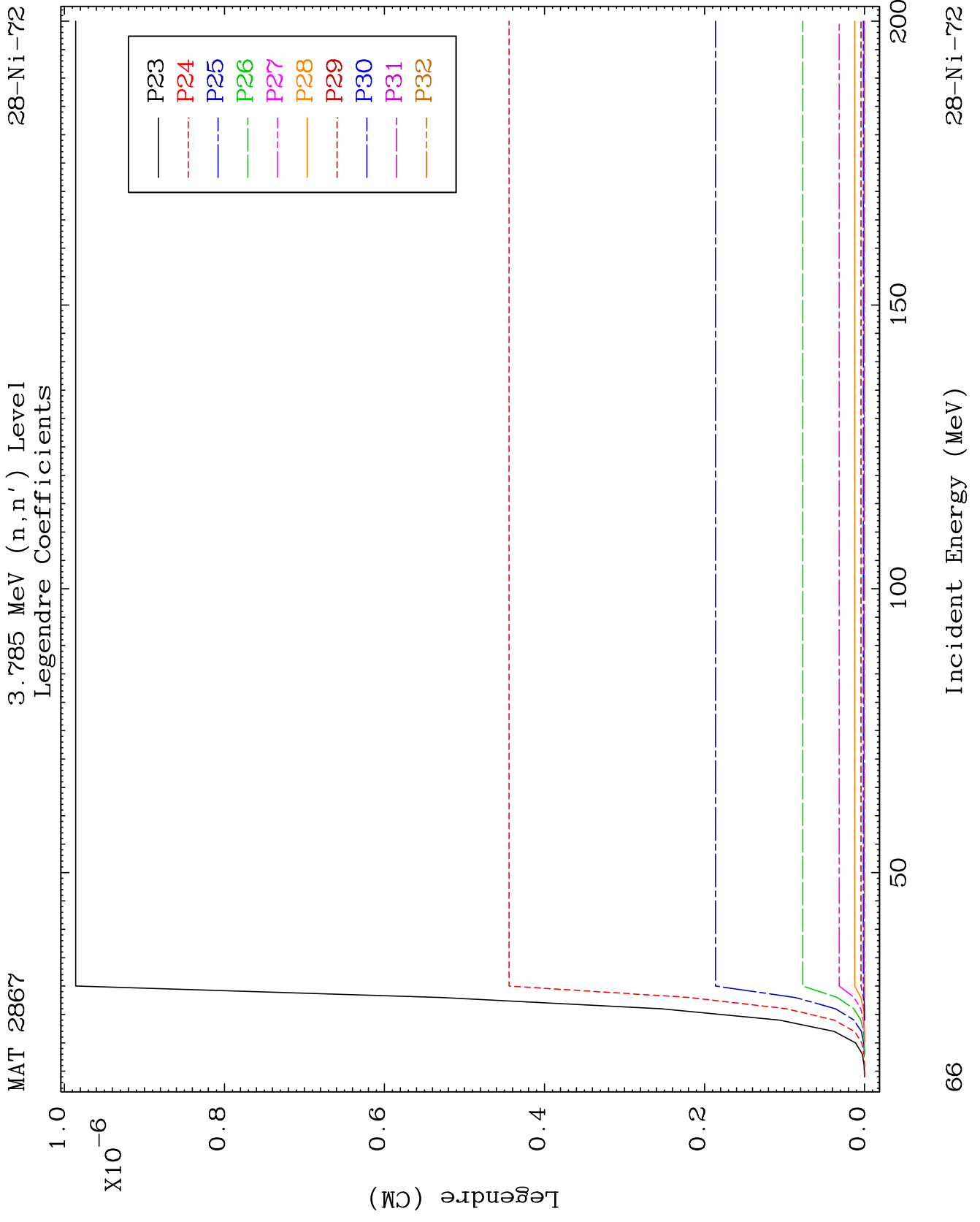
28-Ni-72



65

Incident Energy (MeV)

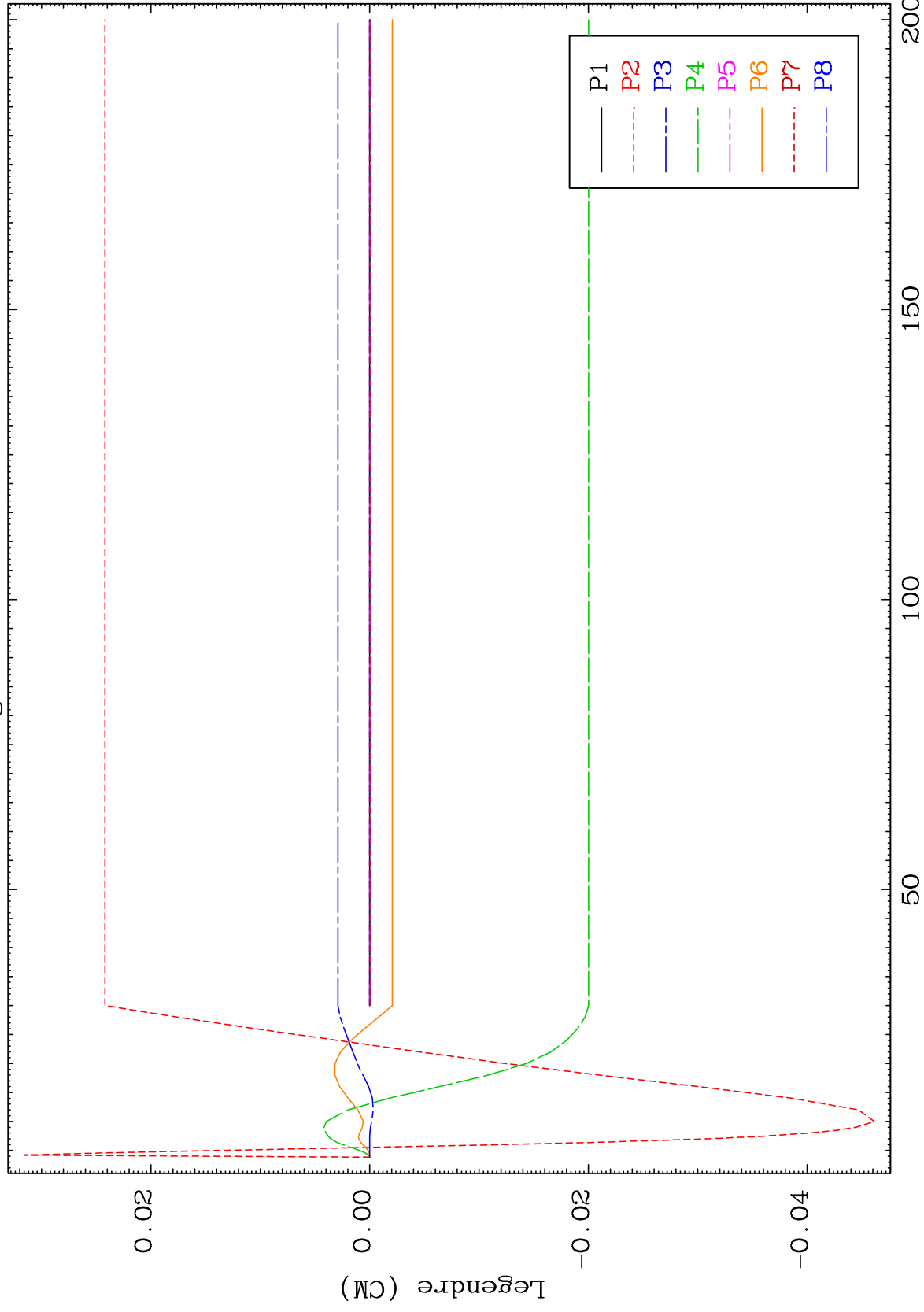
28-Ni-72



MAT 2867

3.788 MeV (n,n') Level
Legendre Coefficients

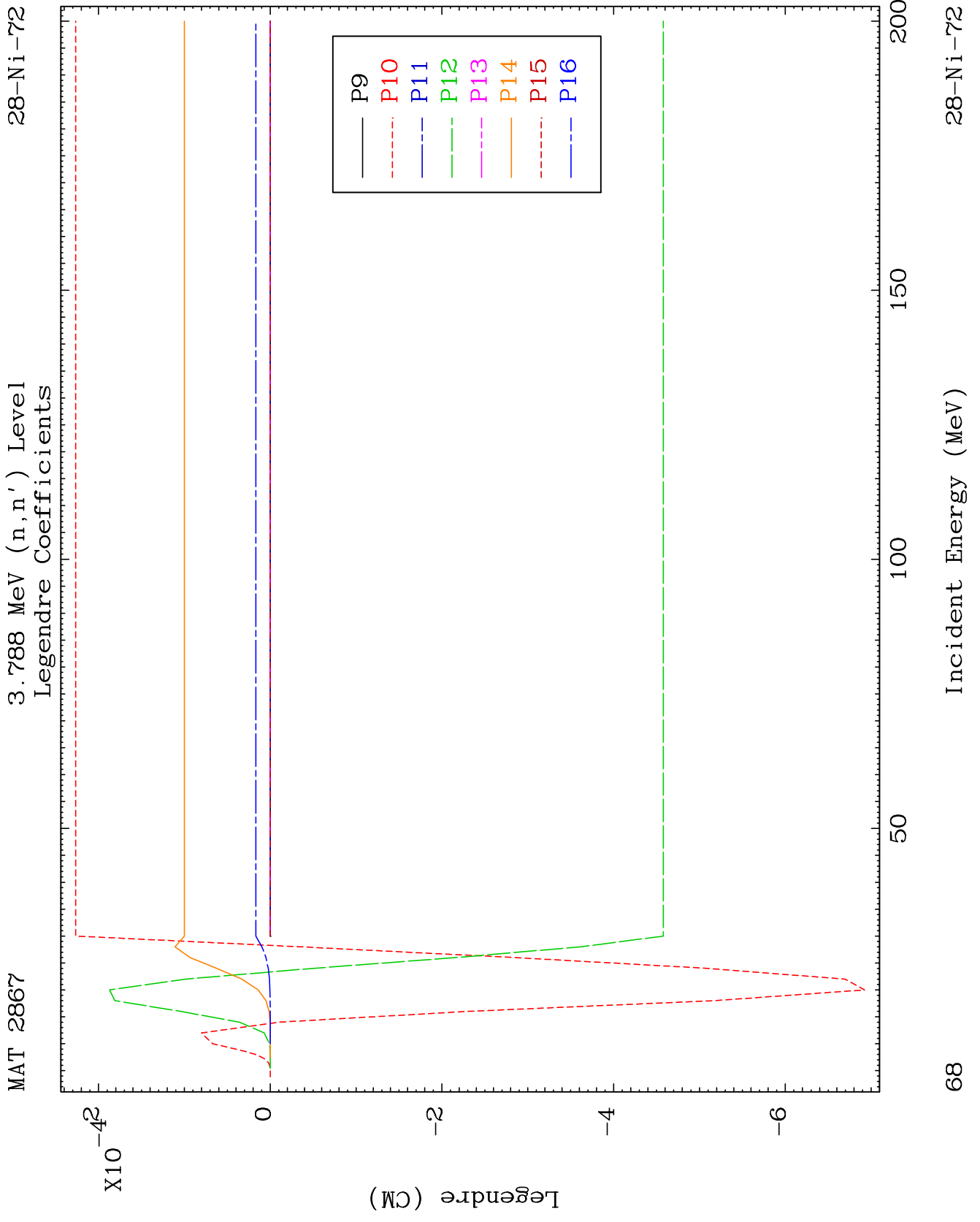
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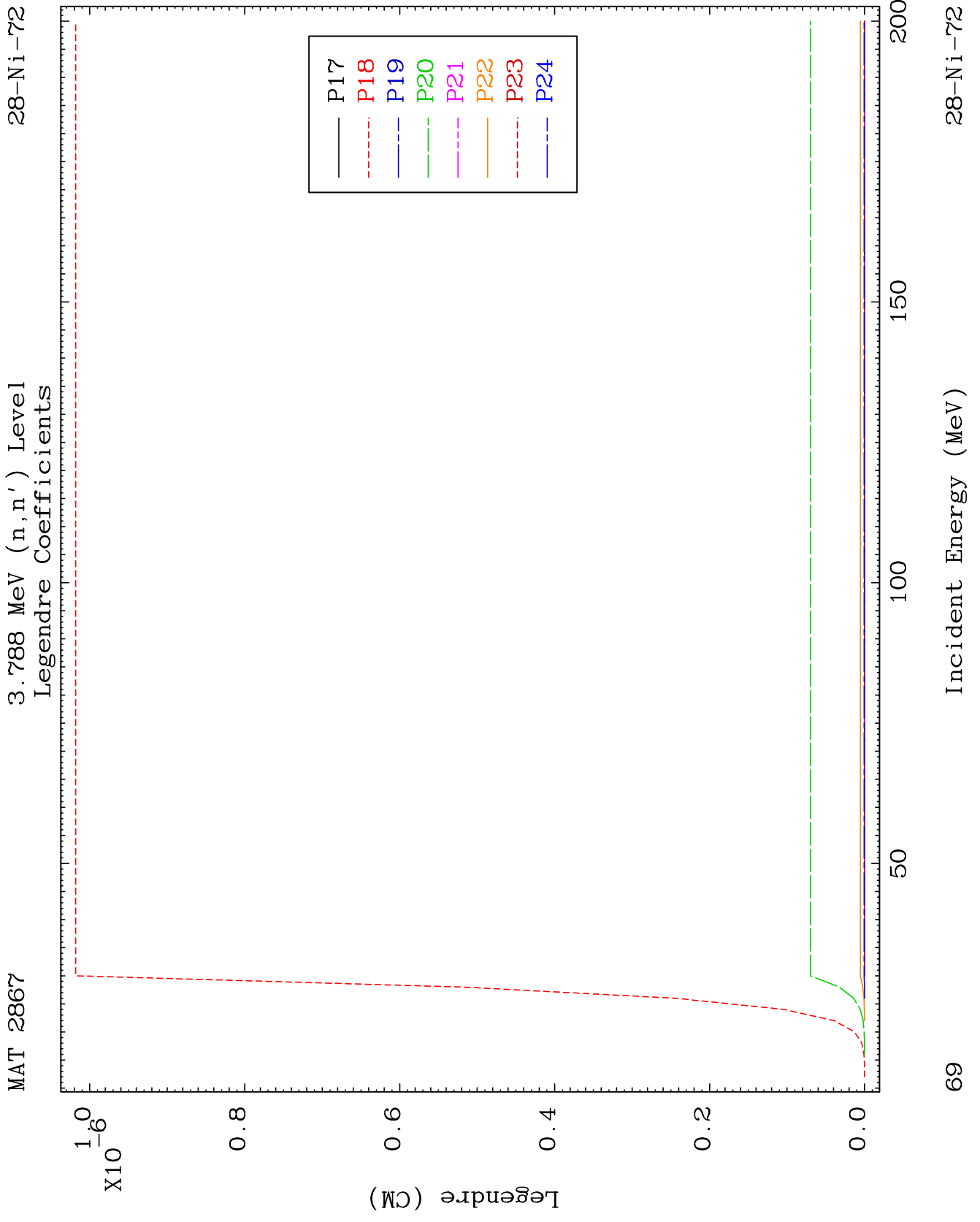


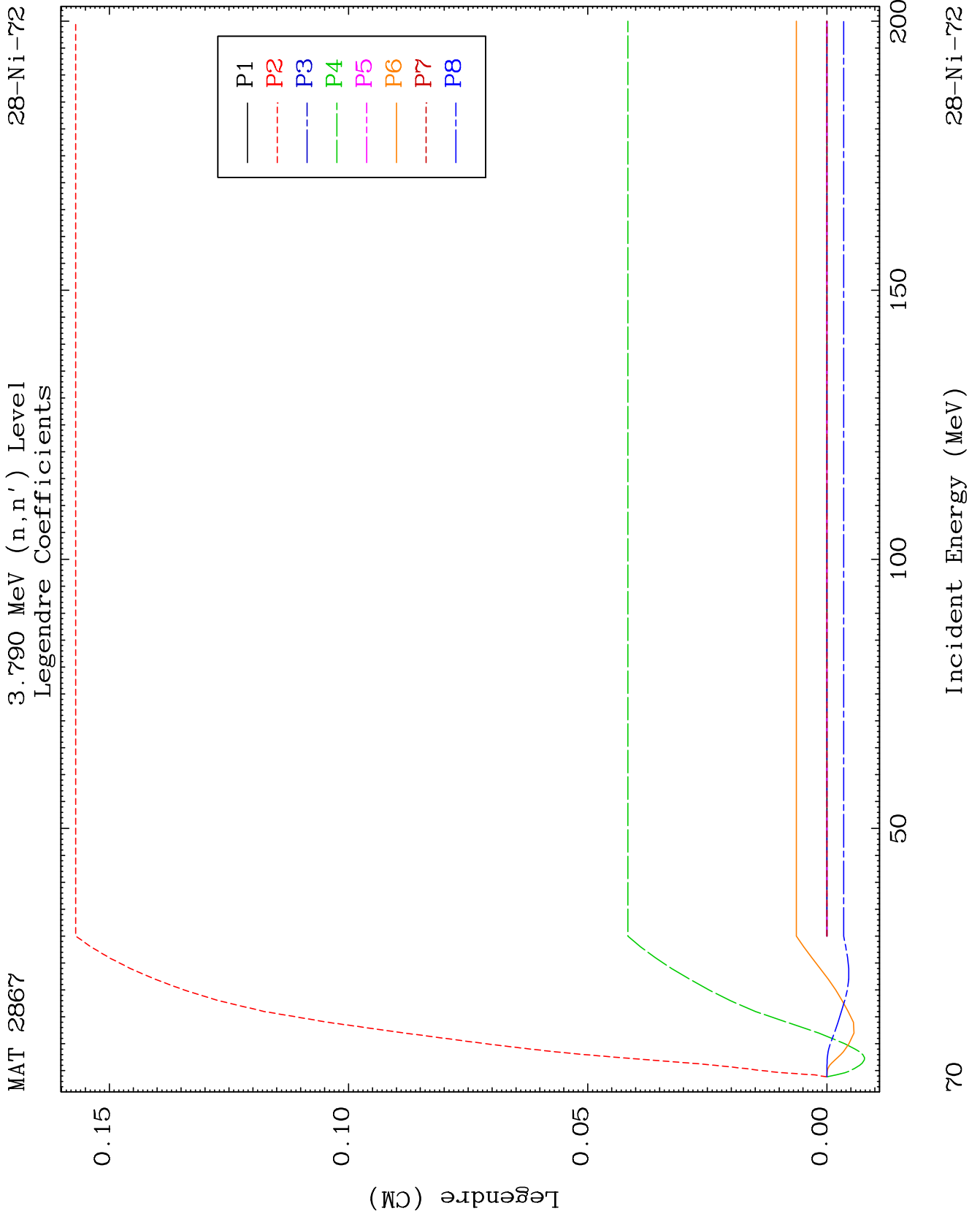
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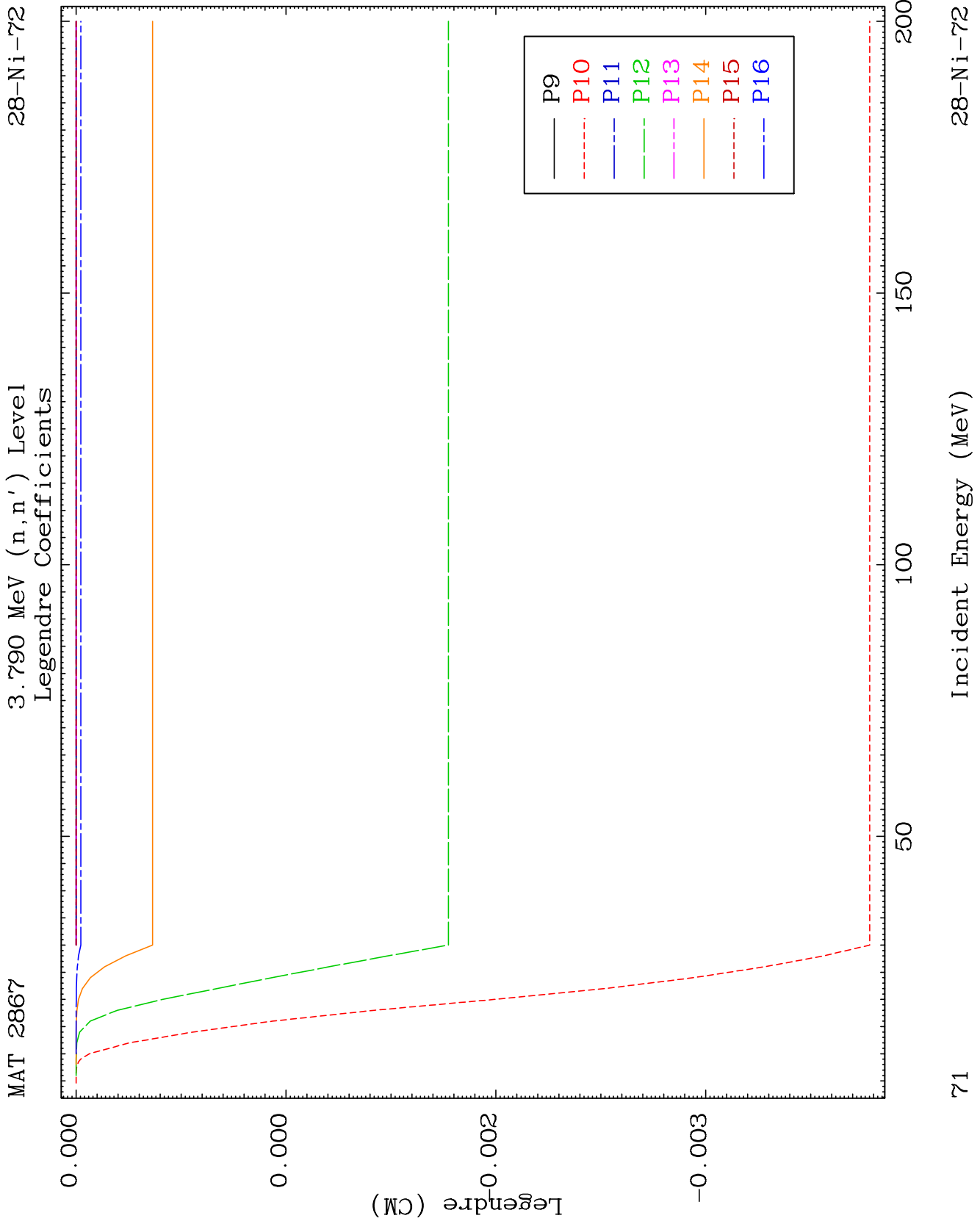
Incident Energy (MeV)

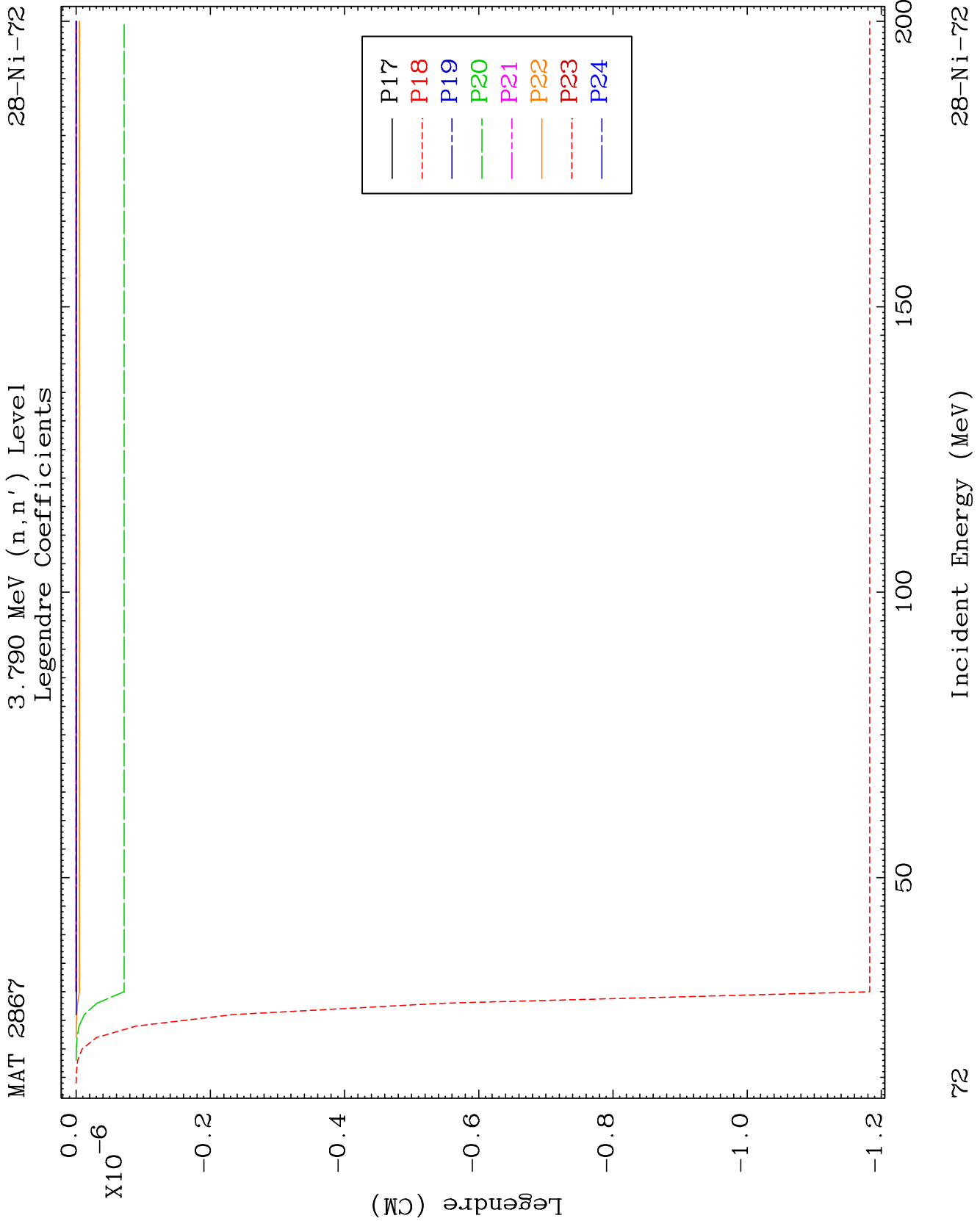
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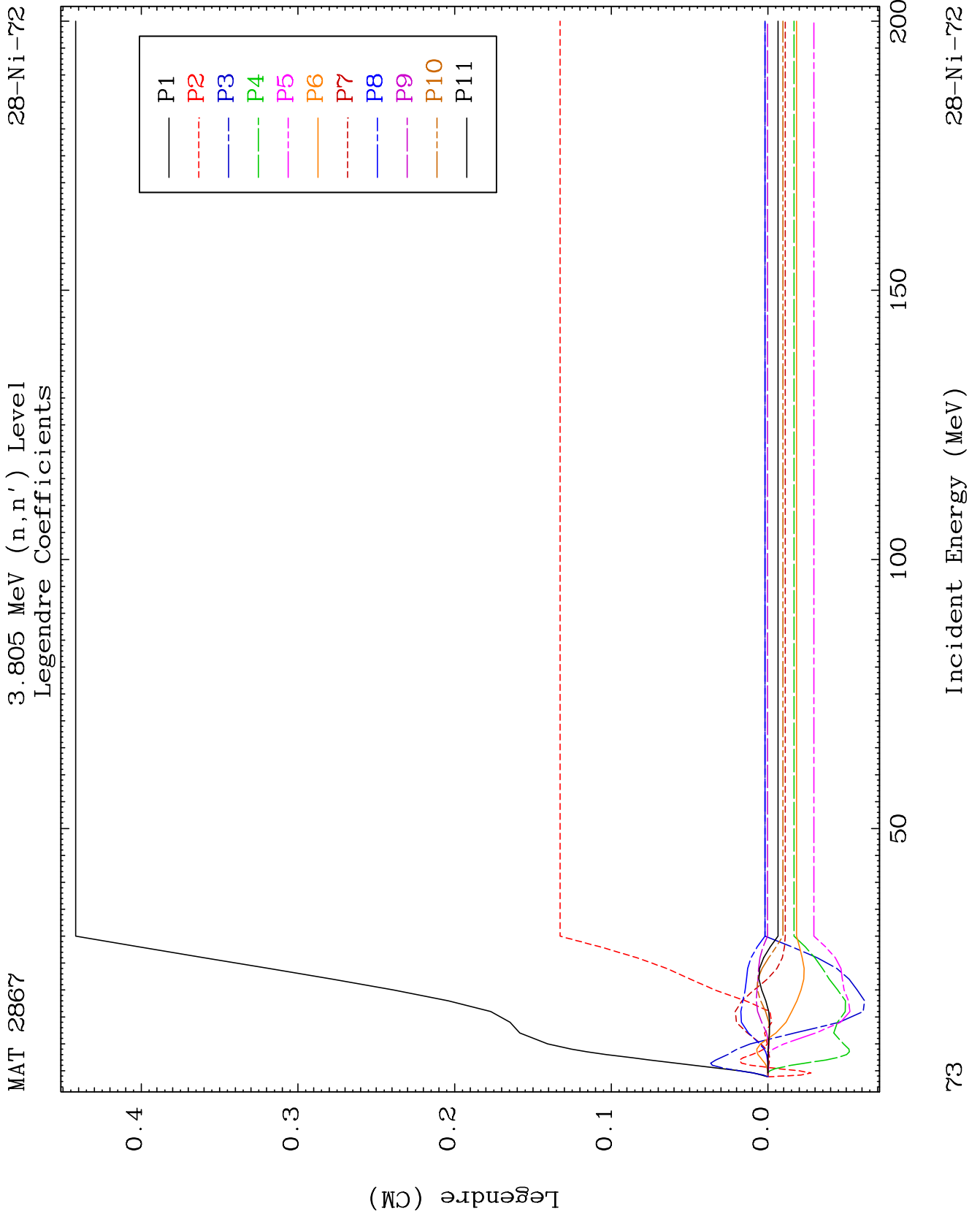








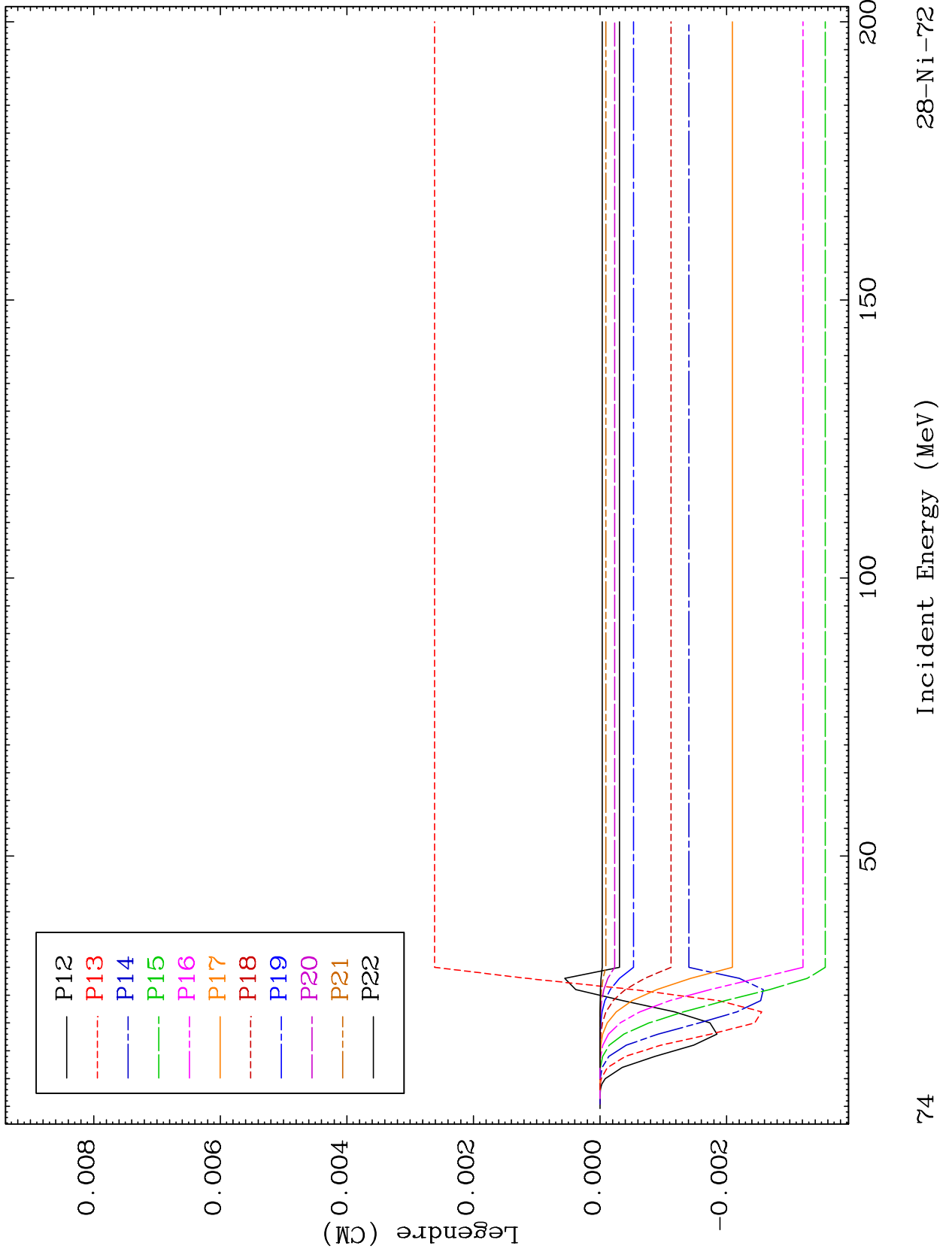




MAT 2867

3.805 MeV (n,n') Level
Legendre Coefficients

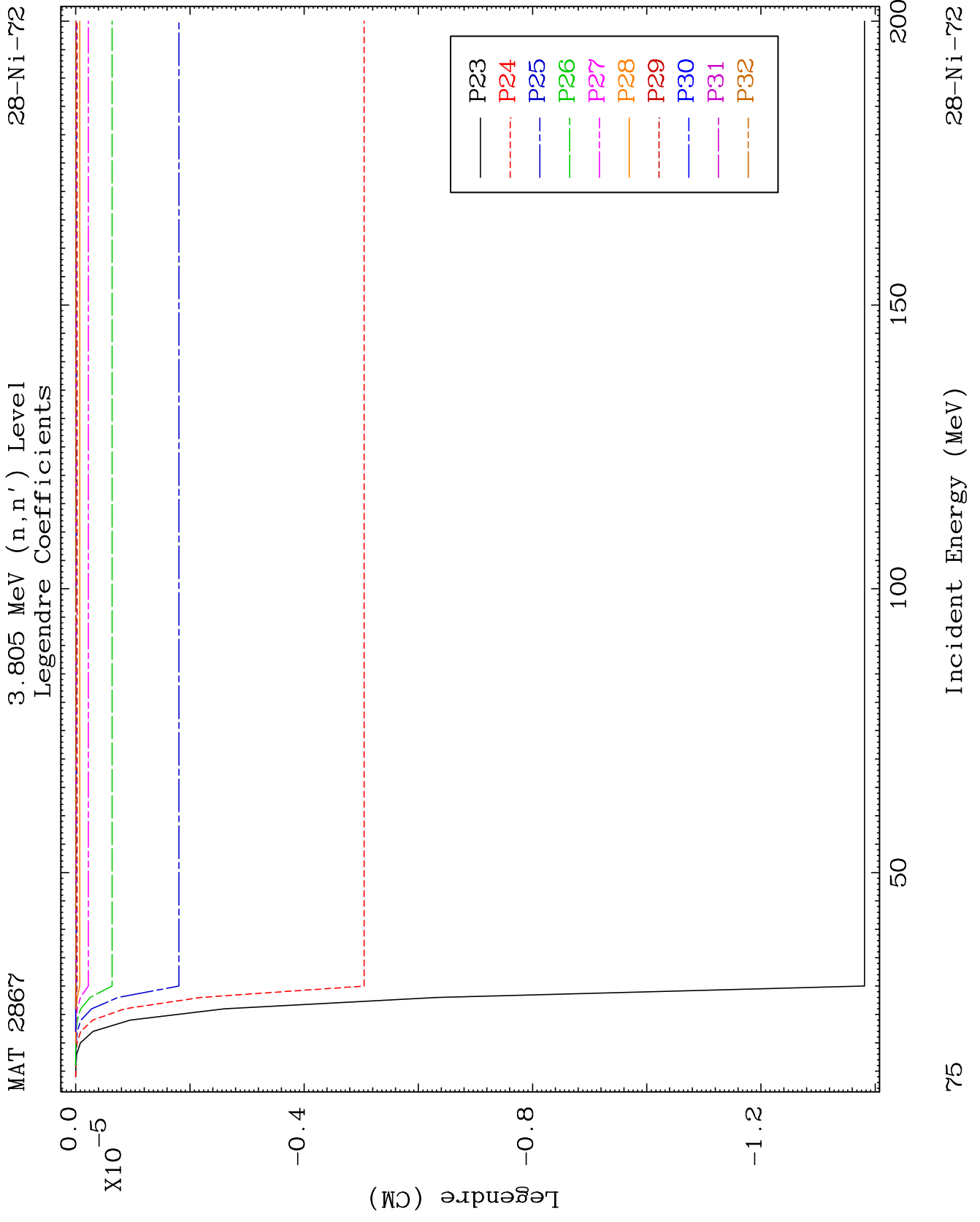
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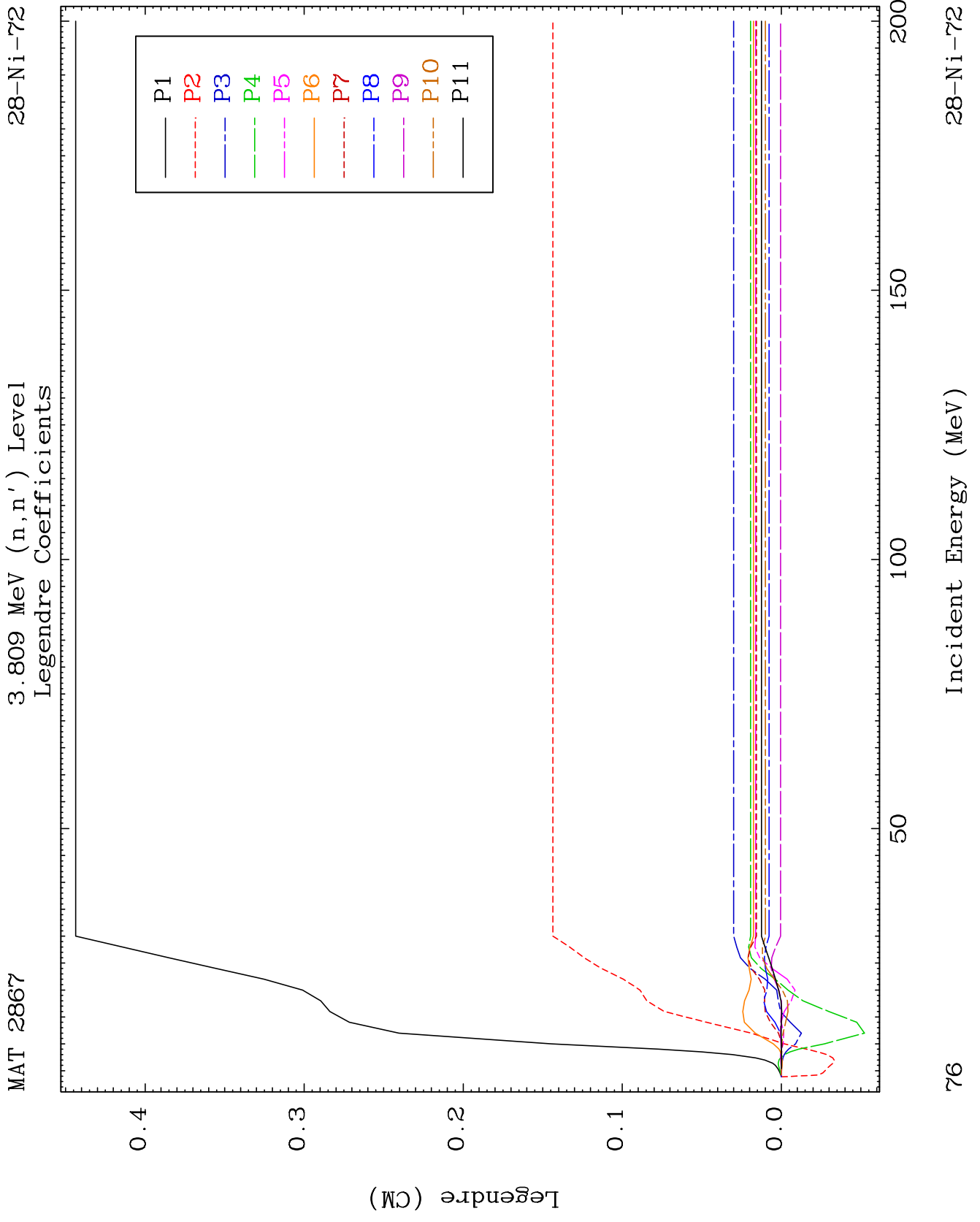


74

Incident Energy (MeV)

28-Ni-72

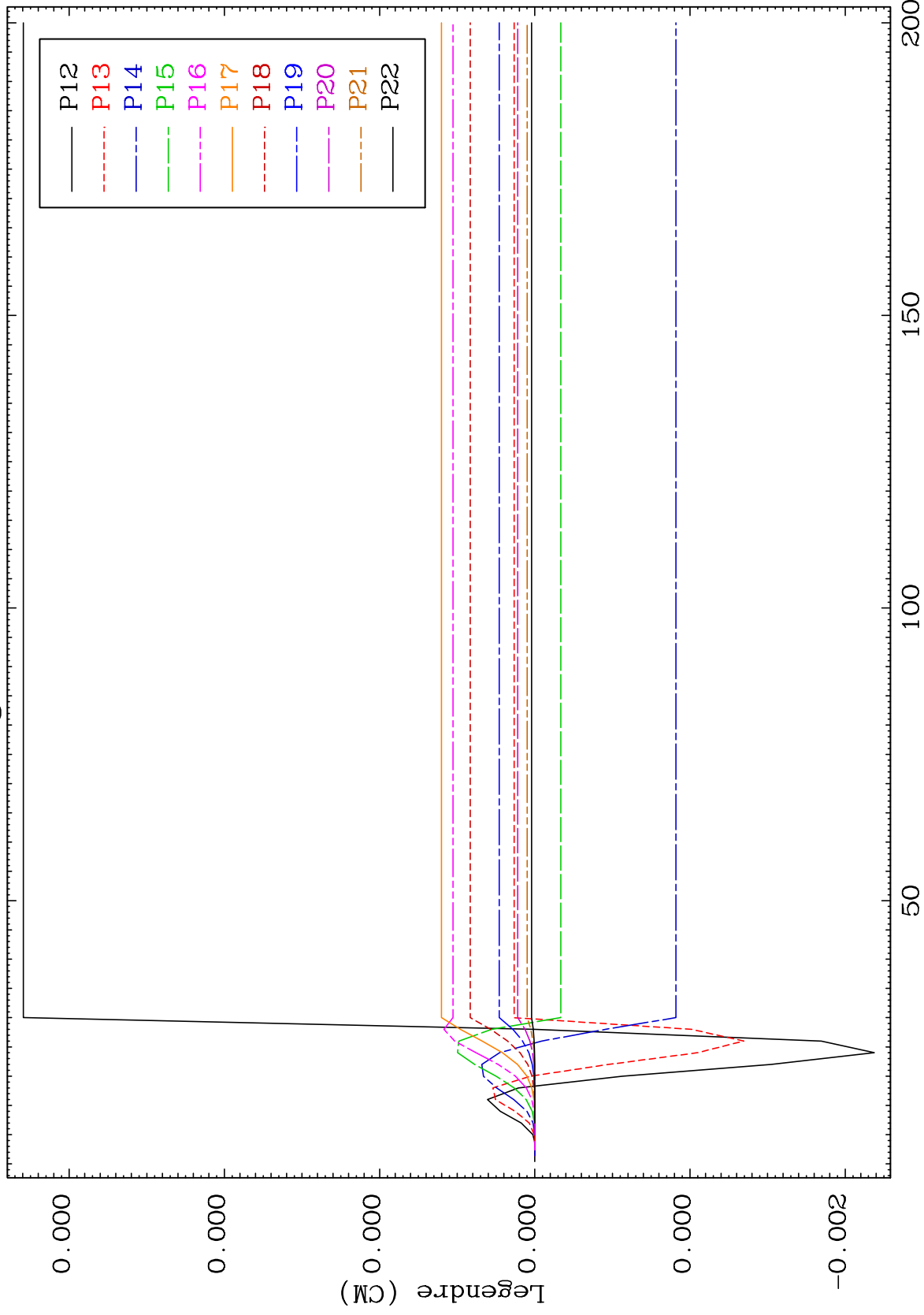




MAT 2867

3.809 MeV (n,n') Level
Legendre Coefficients

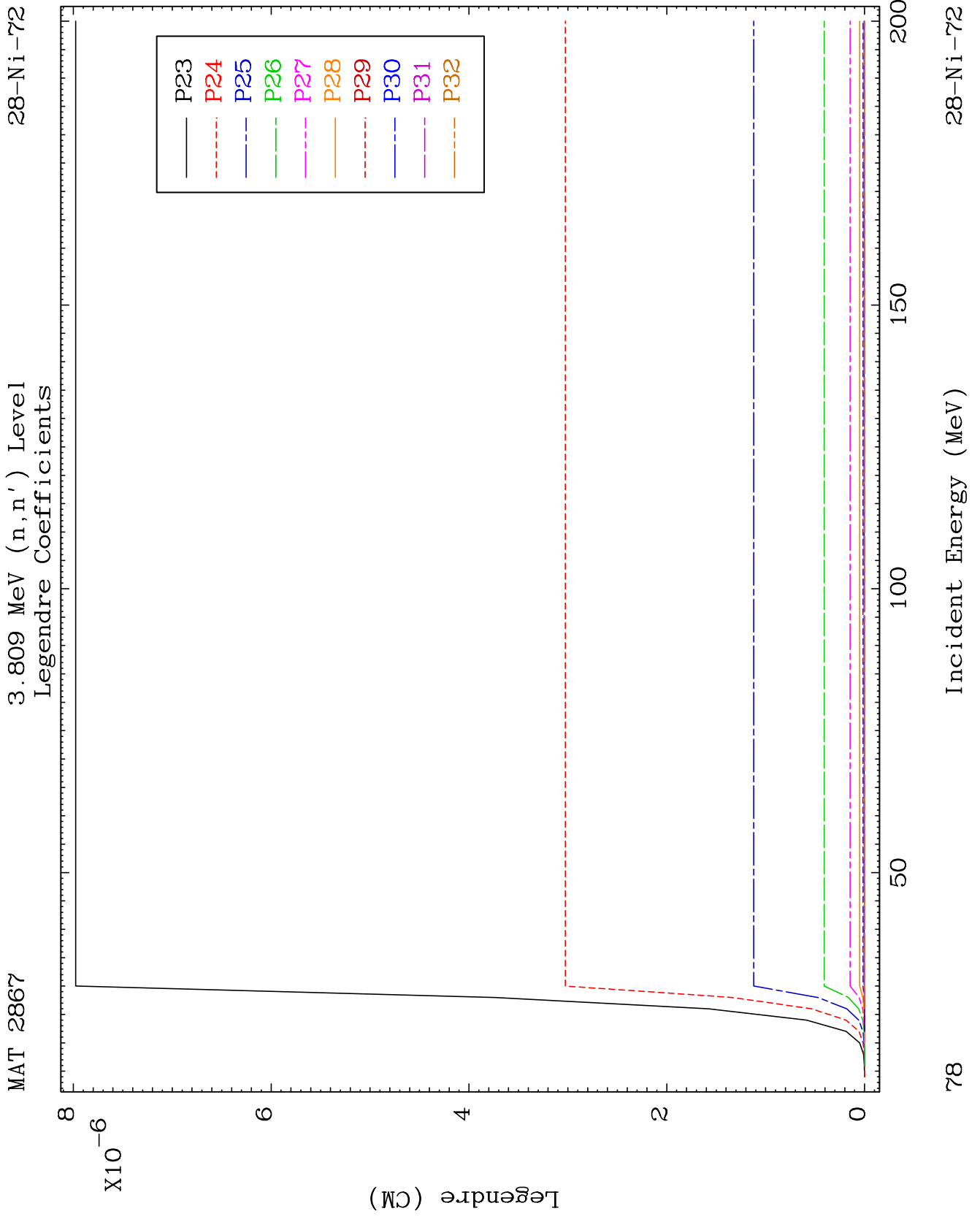
28-Ni-72

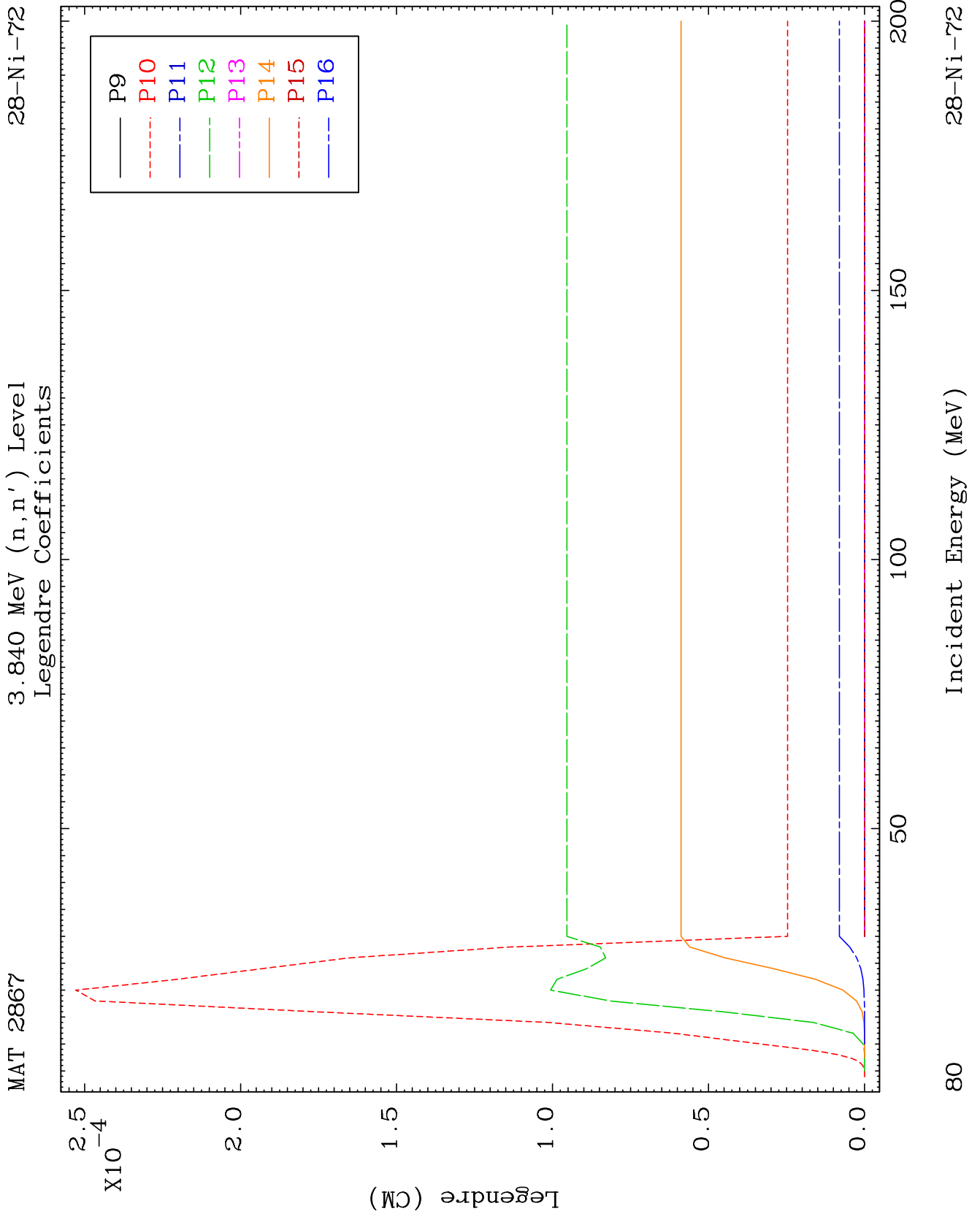


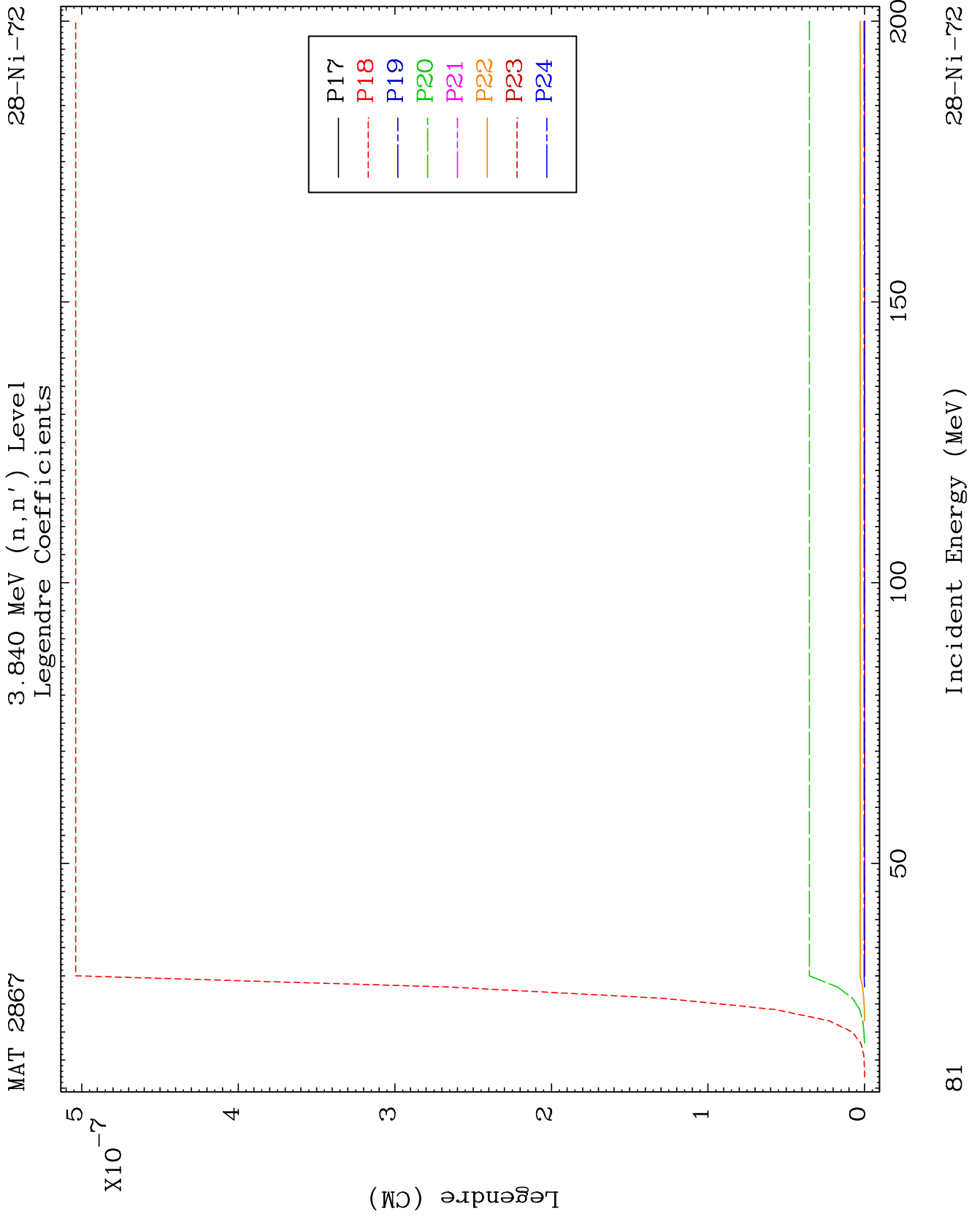
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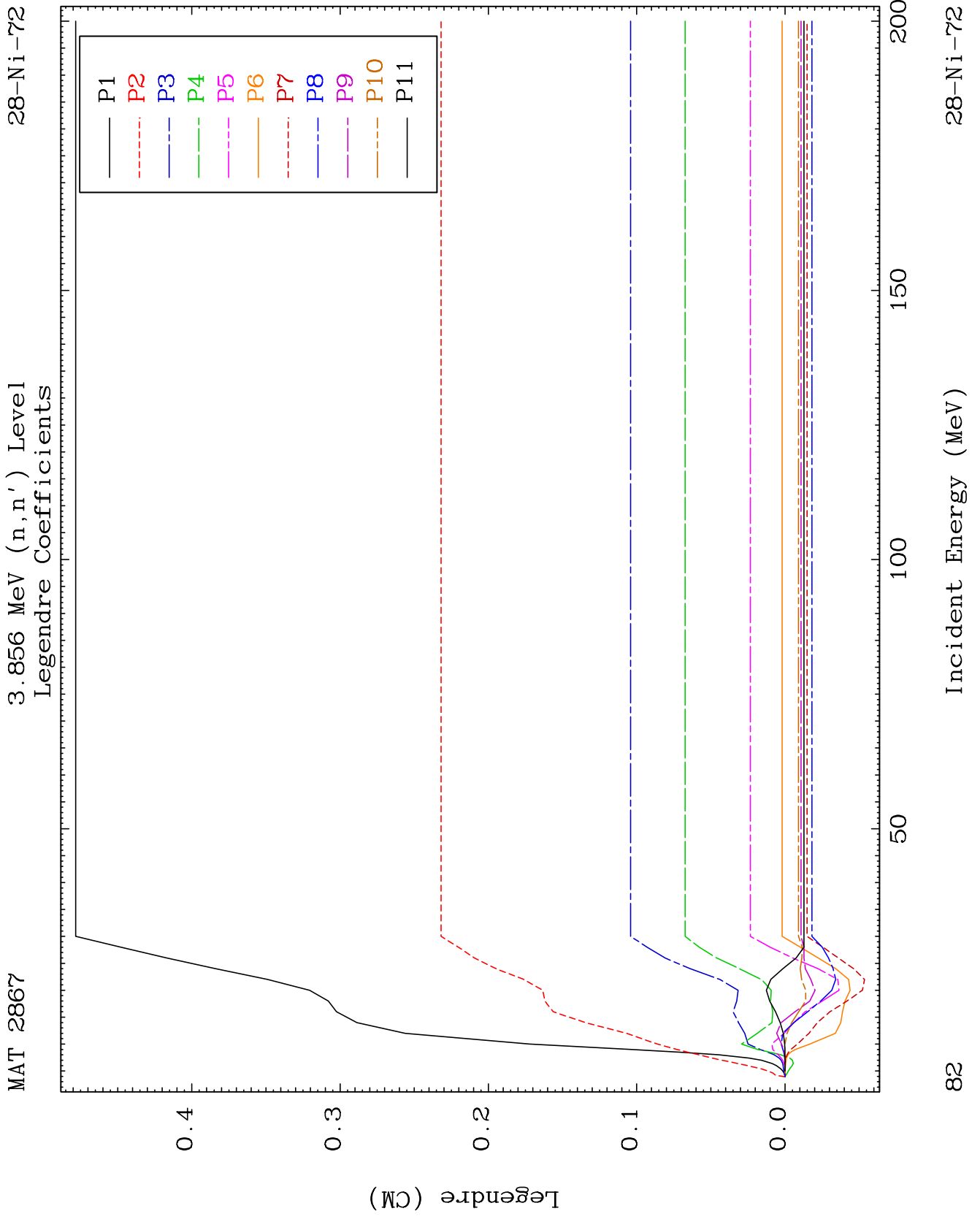
Incident Energy (MeV)

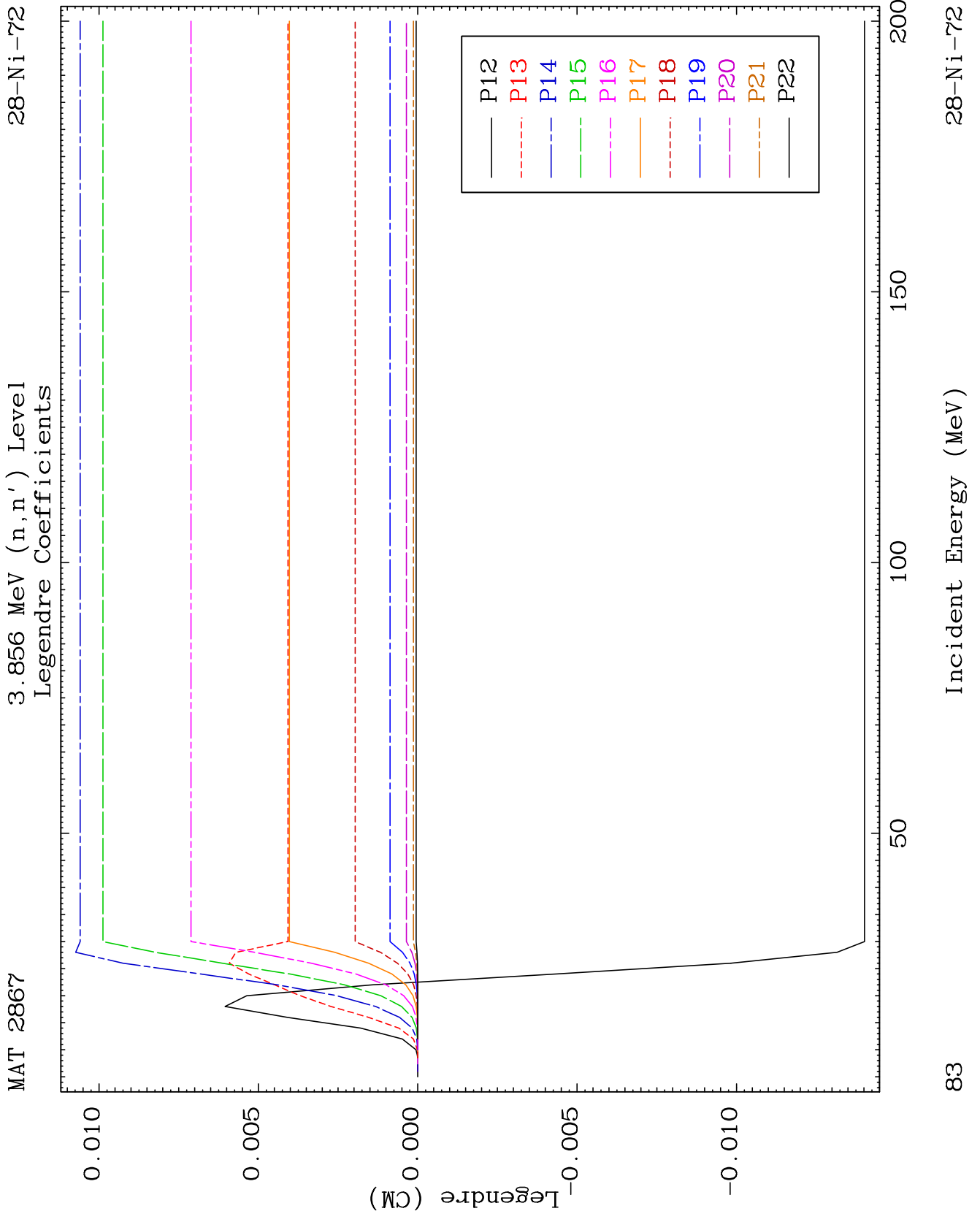
28-Ni-72

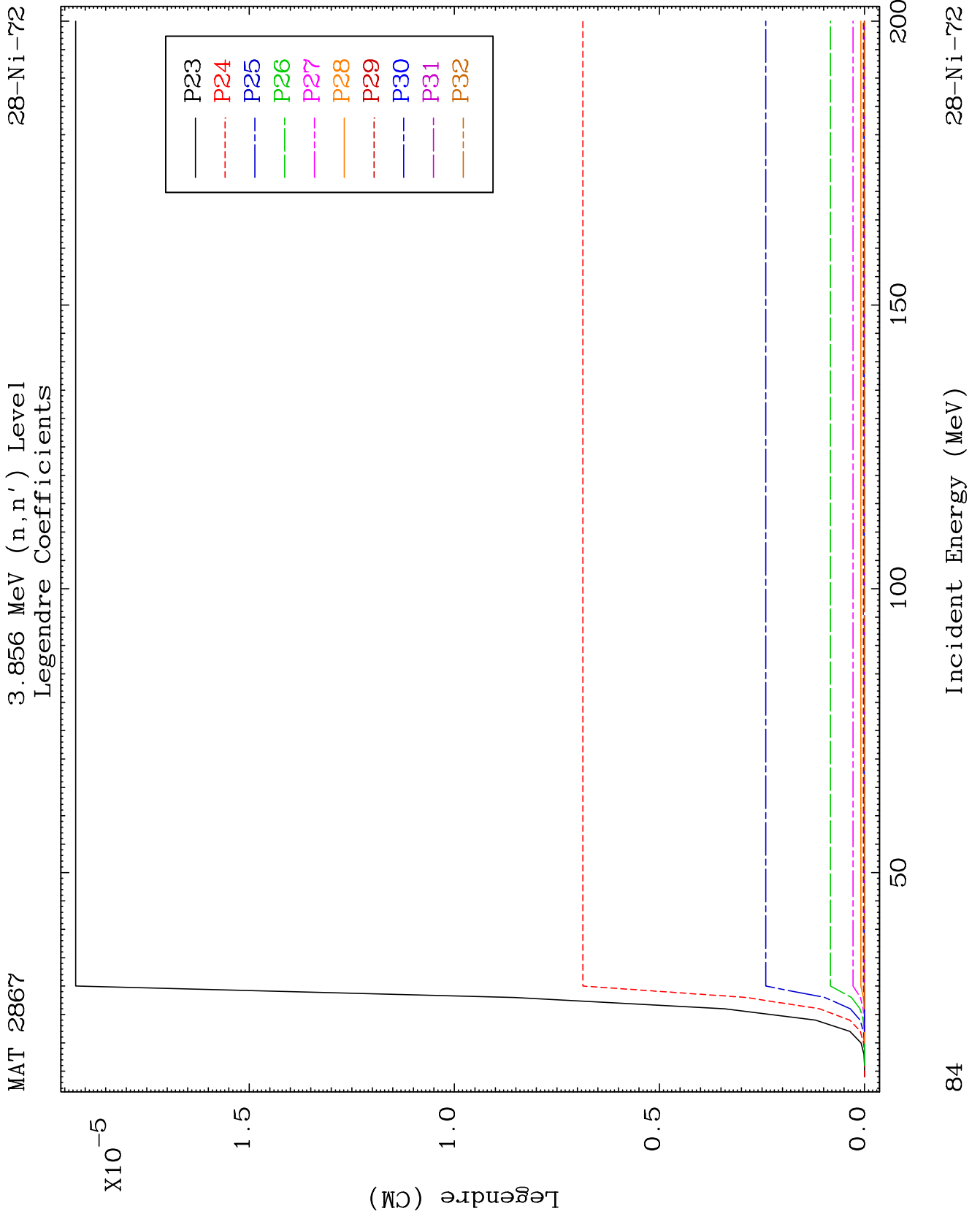








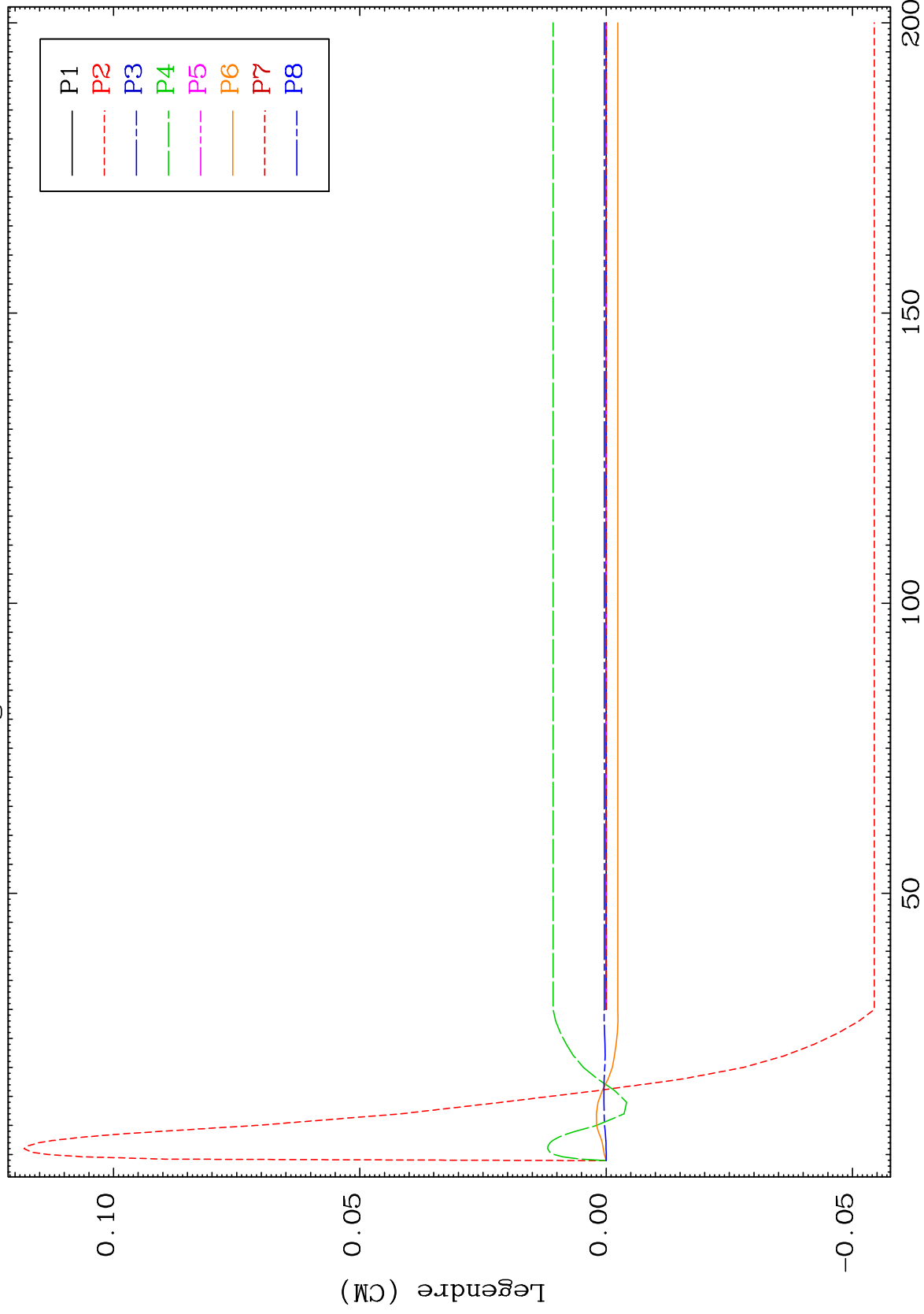




MAT 2867

3.870 MeV (n,n') Level
Legendre Coefficients

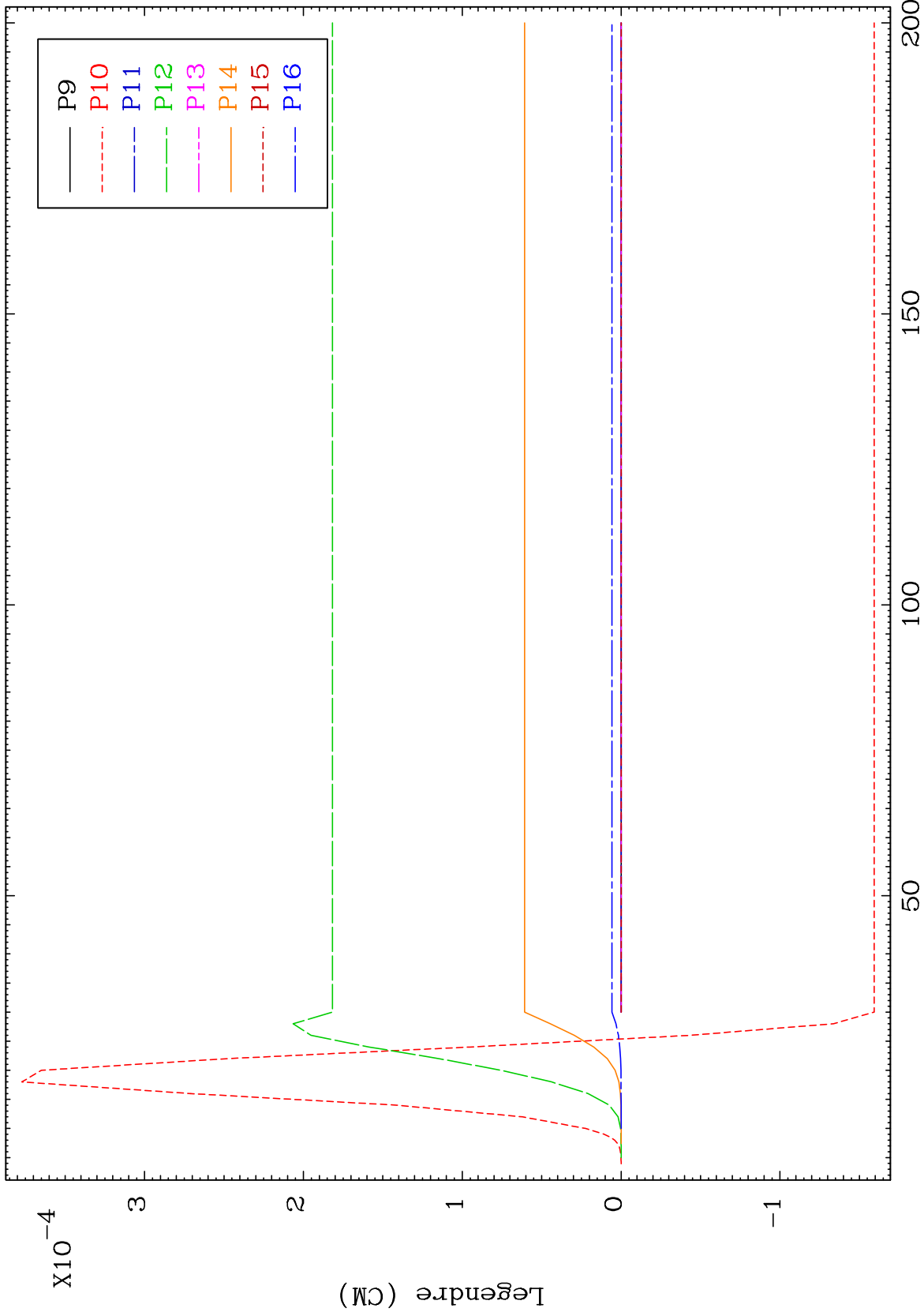
28-Ni-72

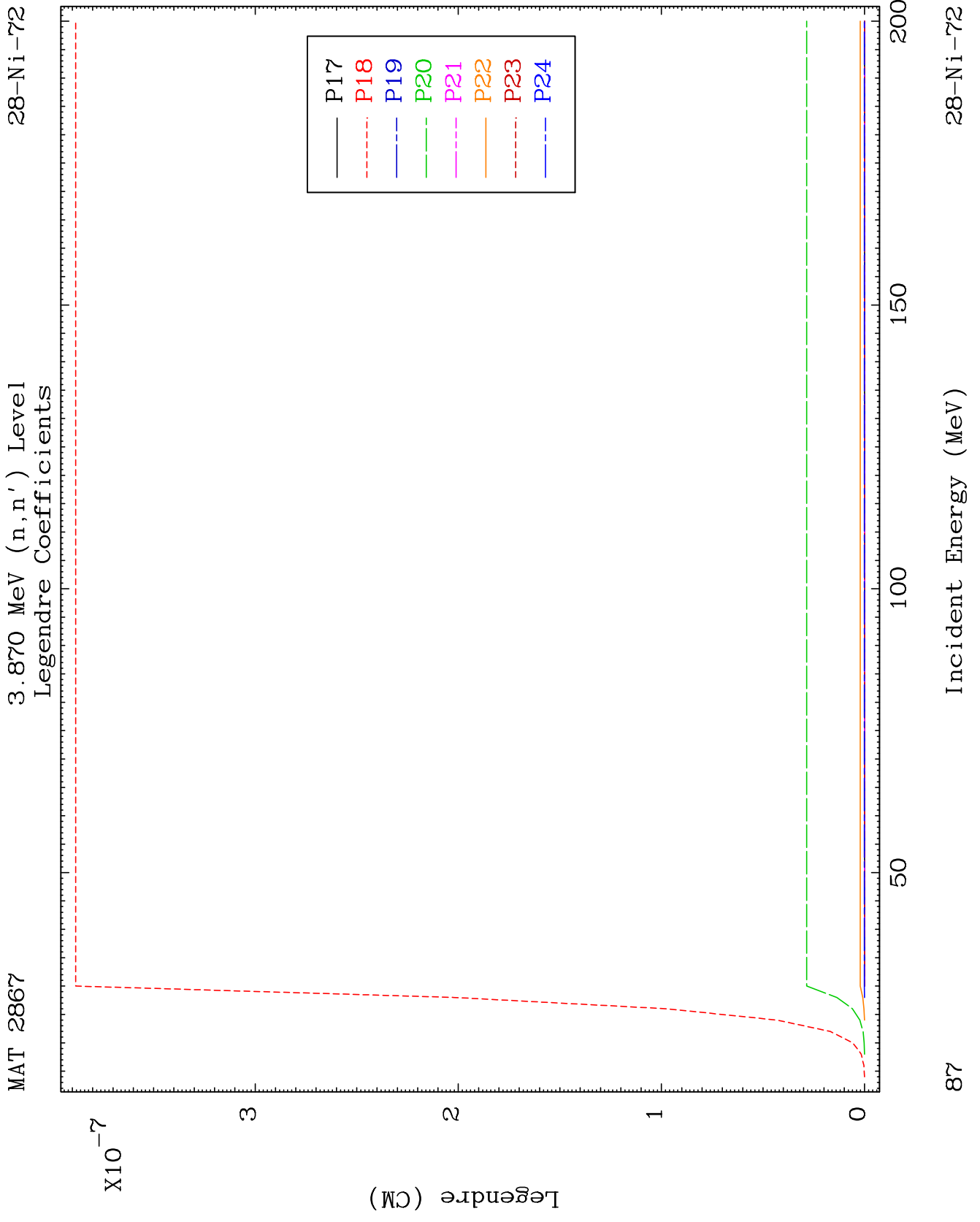


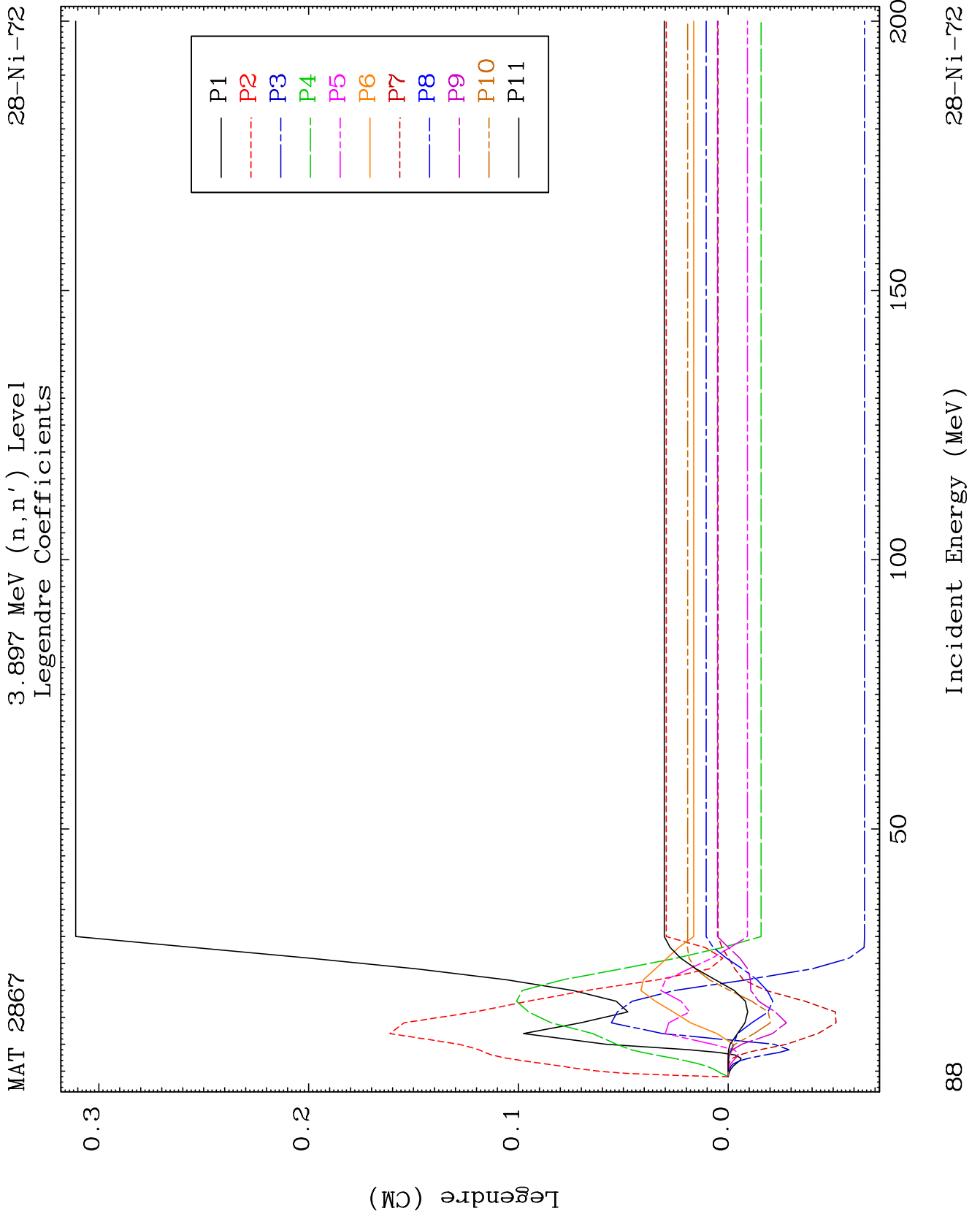
85

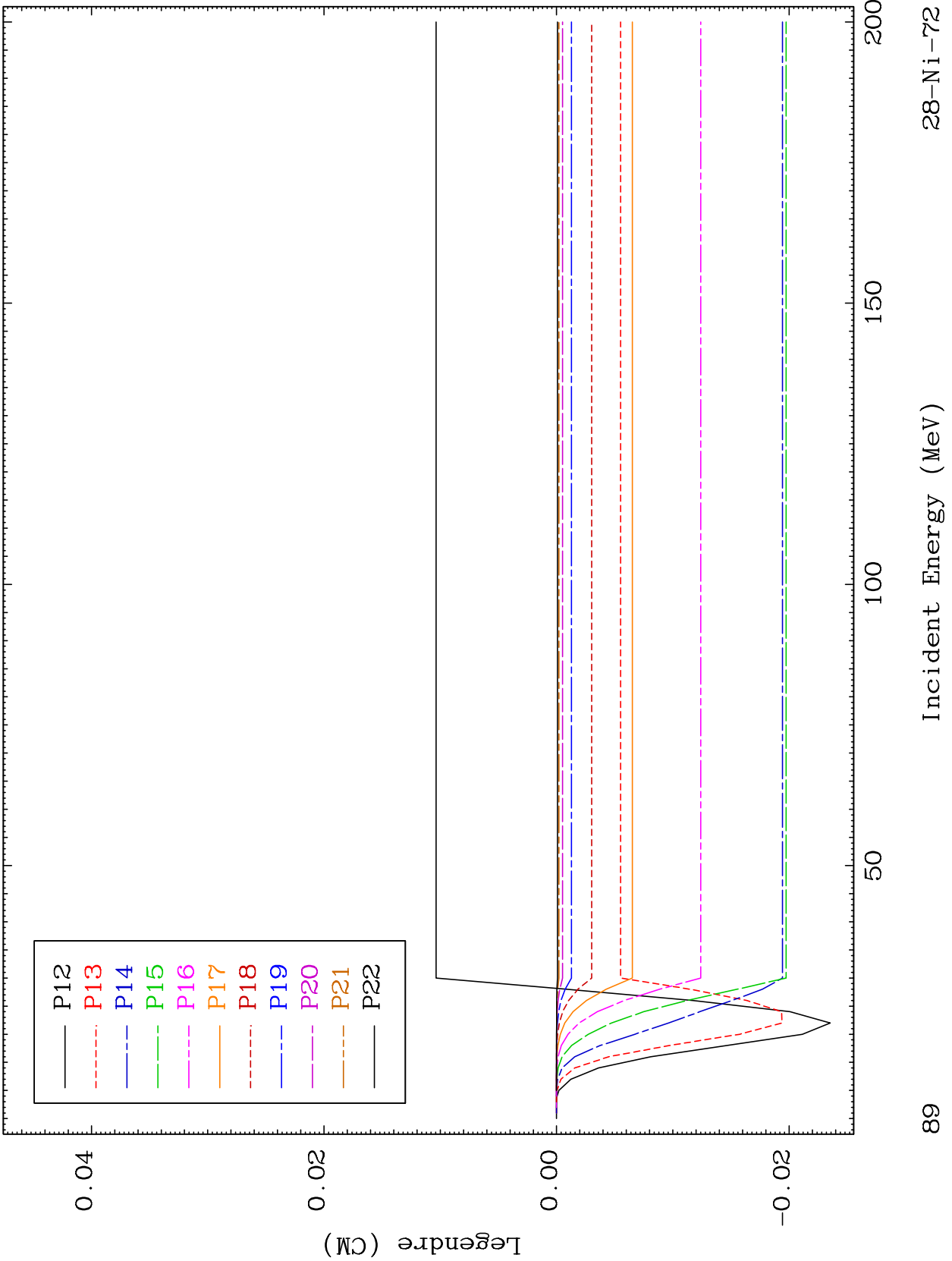
Incident Energy (MeV)

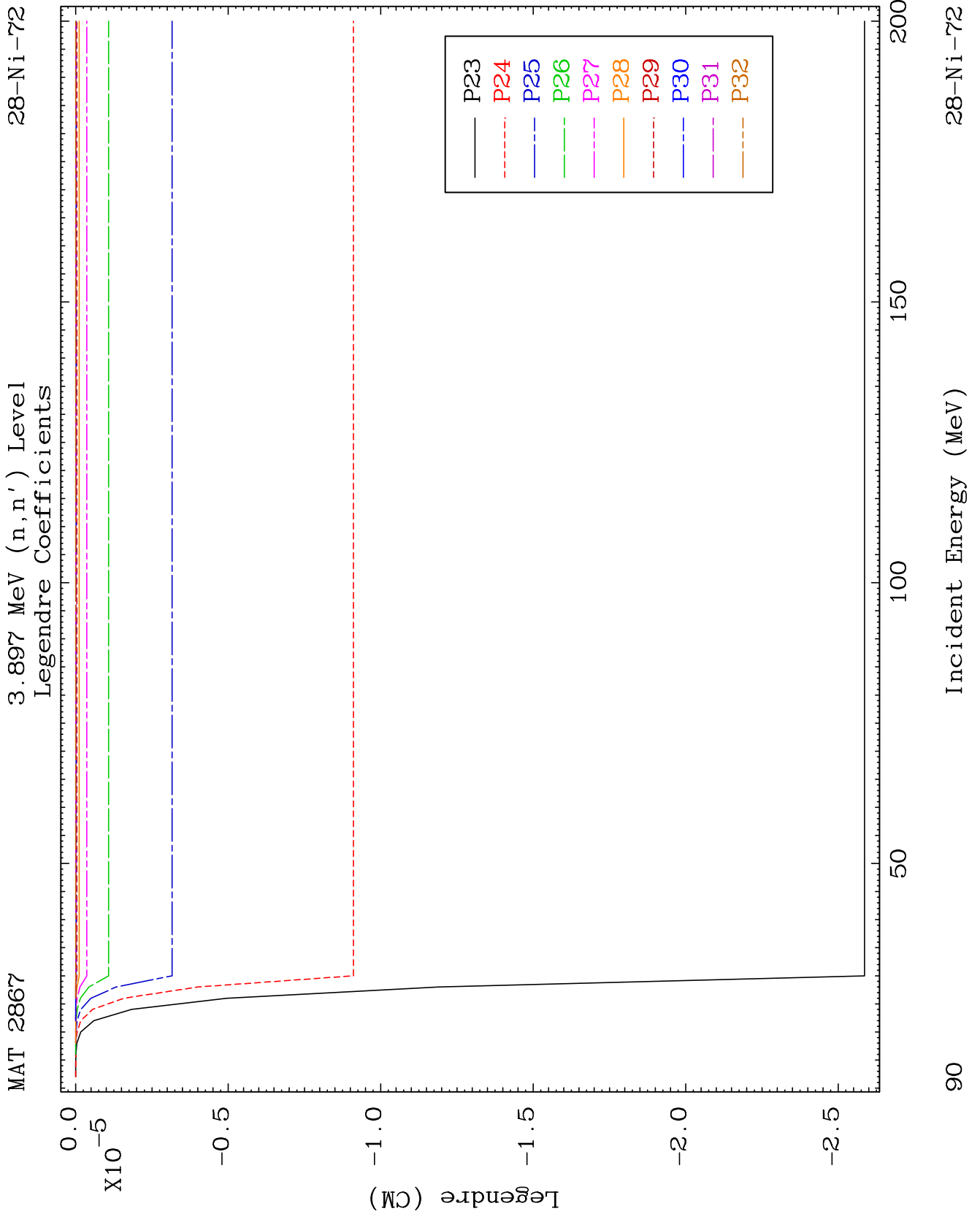
28-Ni-72

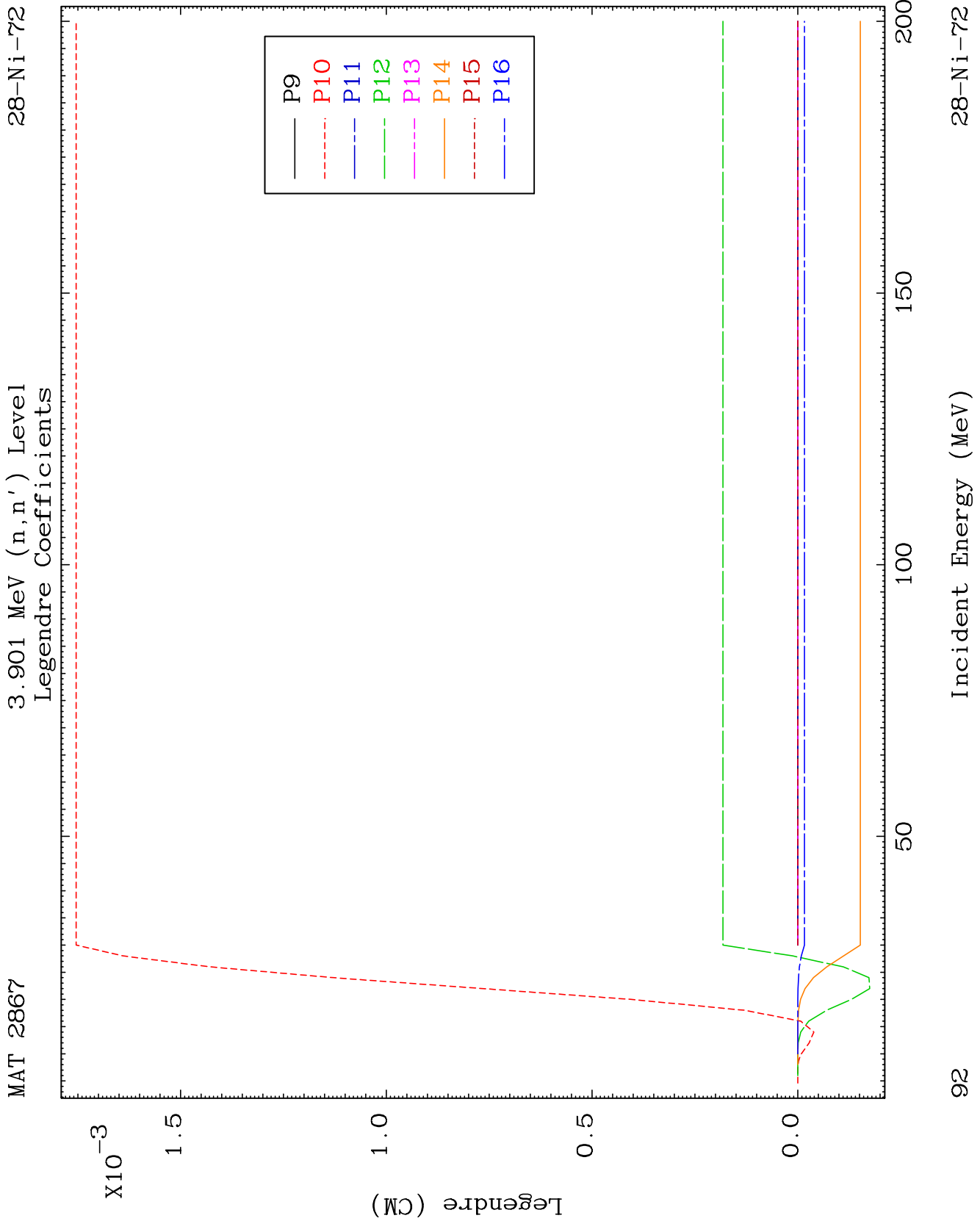


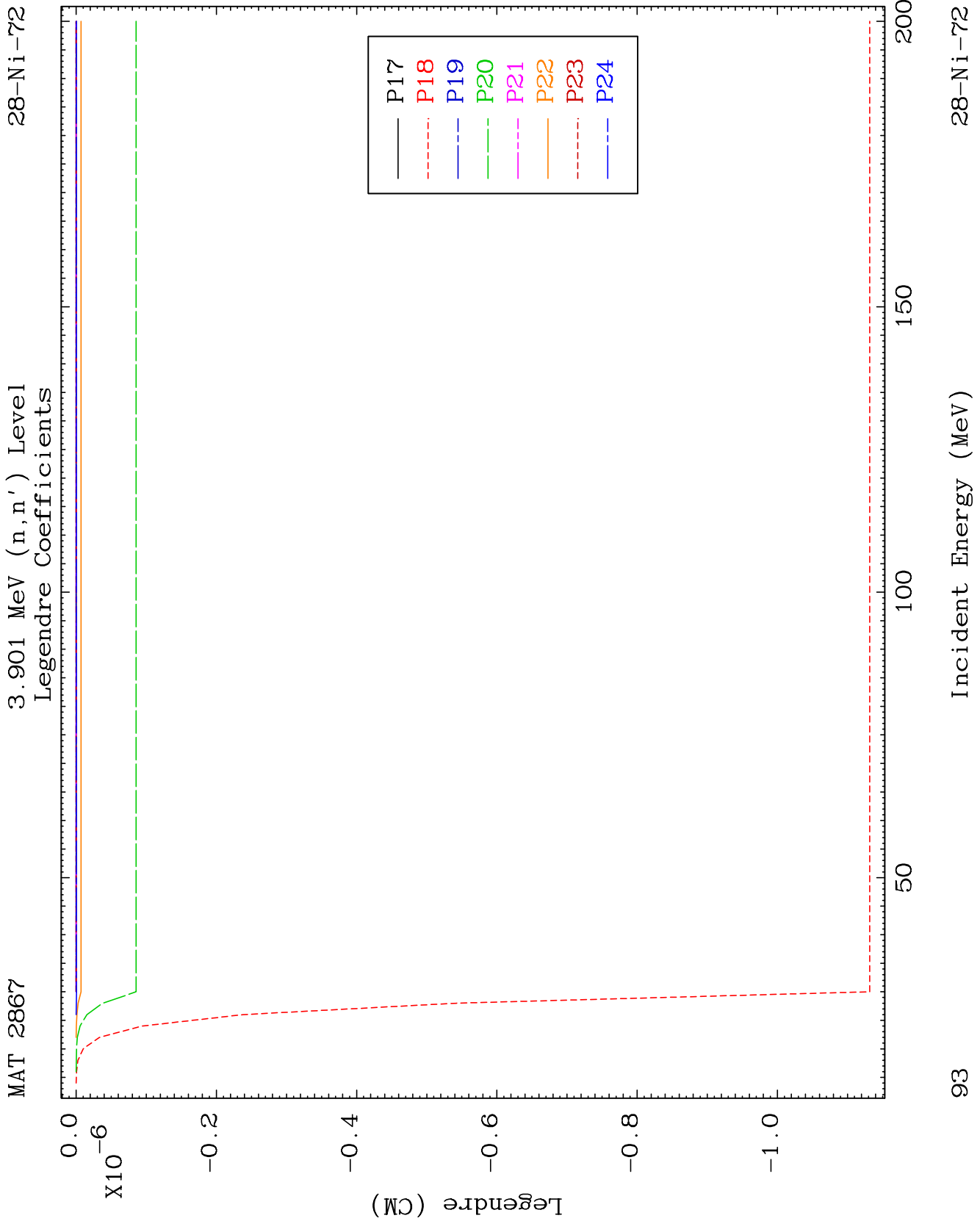


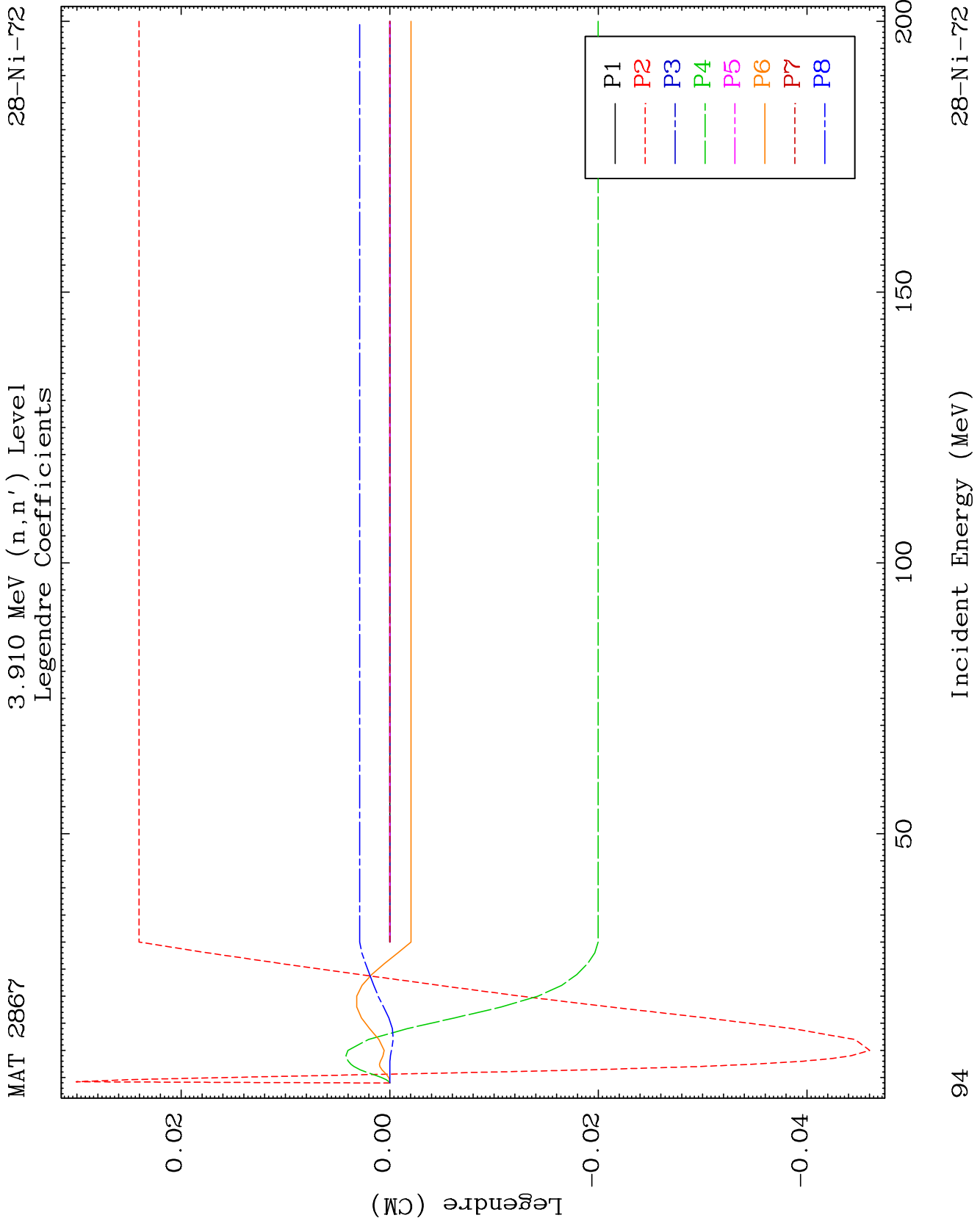


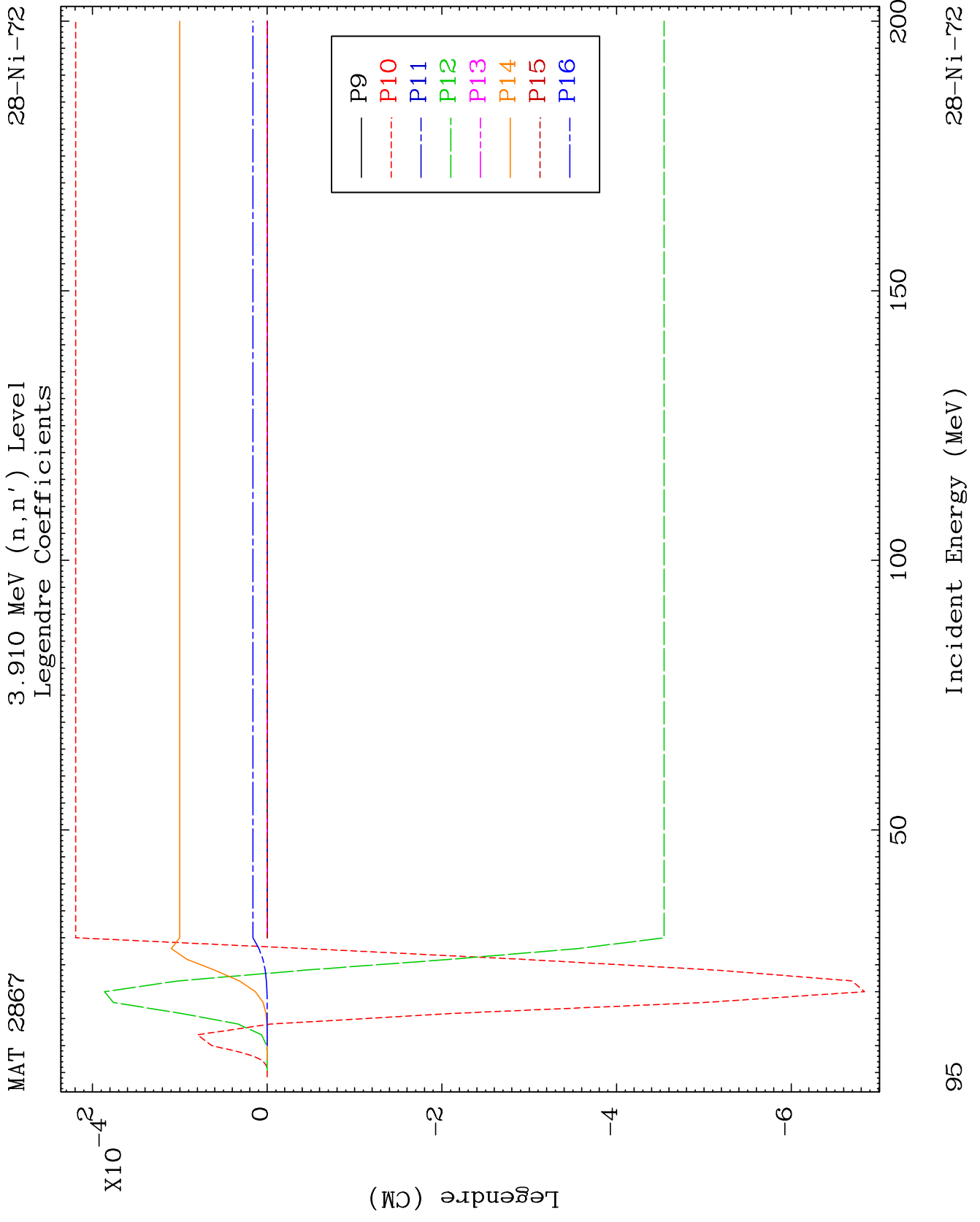


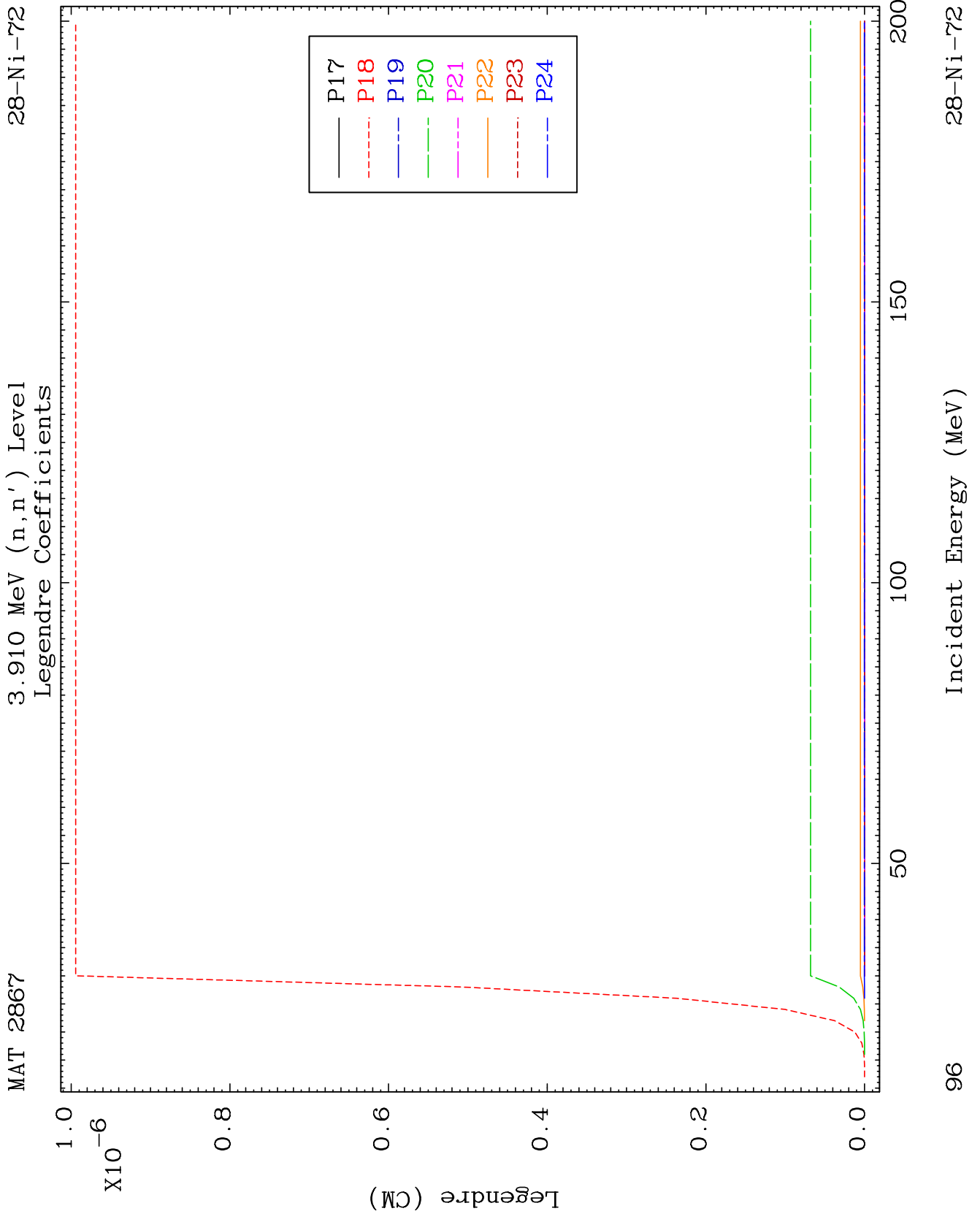


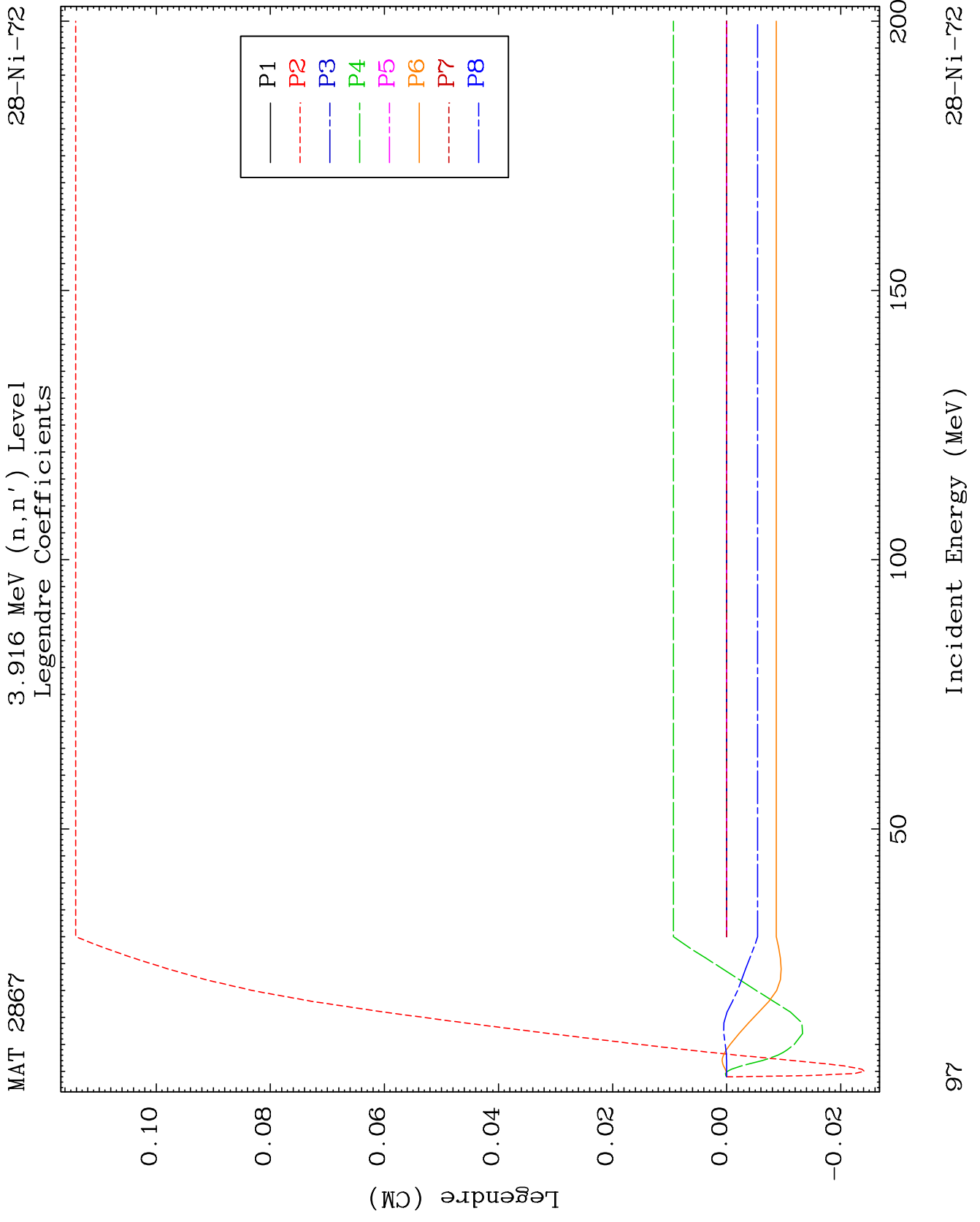








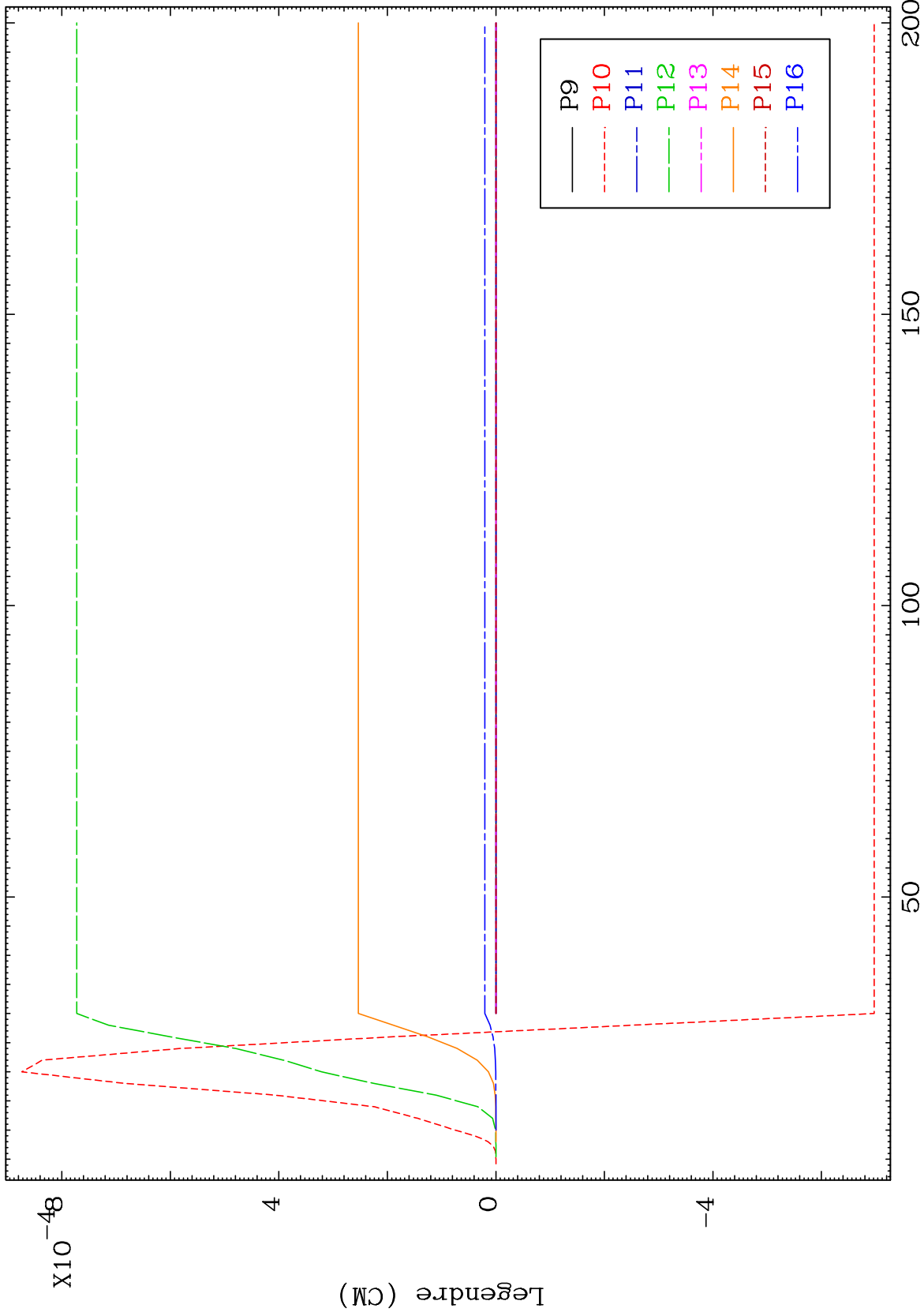




MAT 2867

3.916 MeV (n,n') Level
Legendre Coefficients

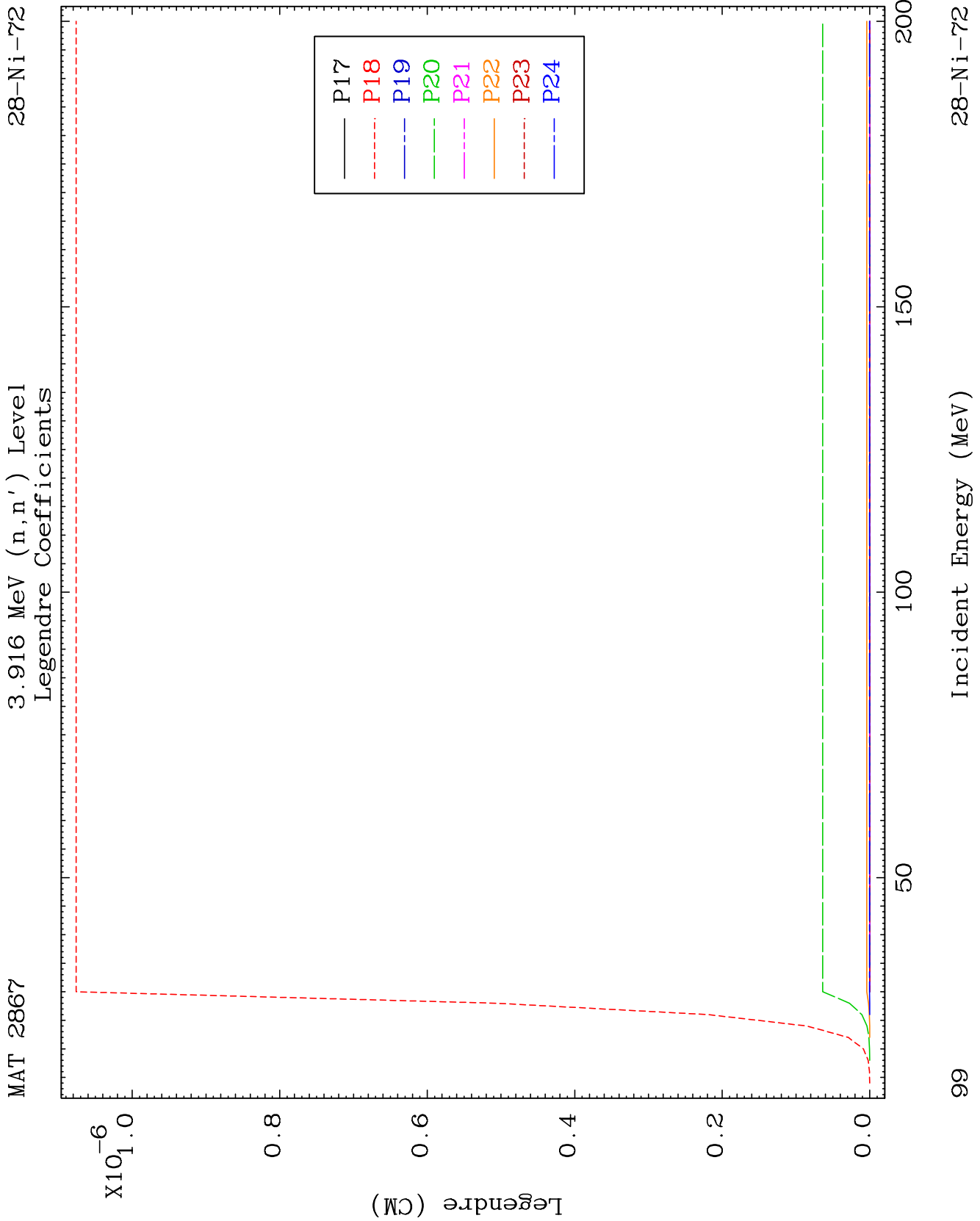
28-Ni-72



98

Incident Energy (MeV)

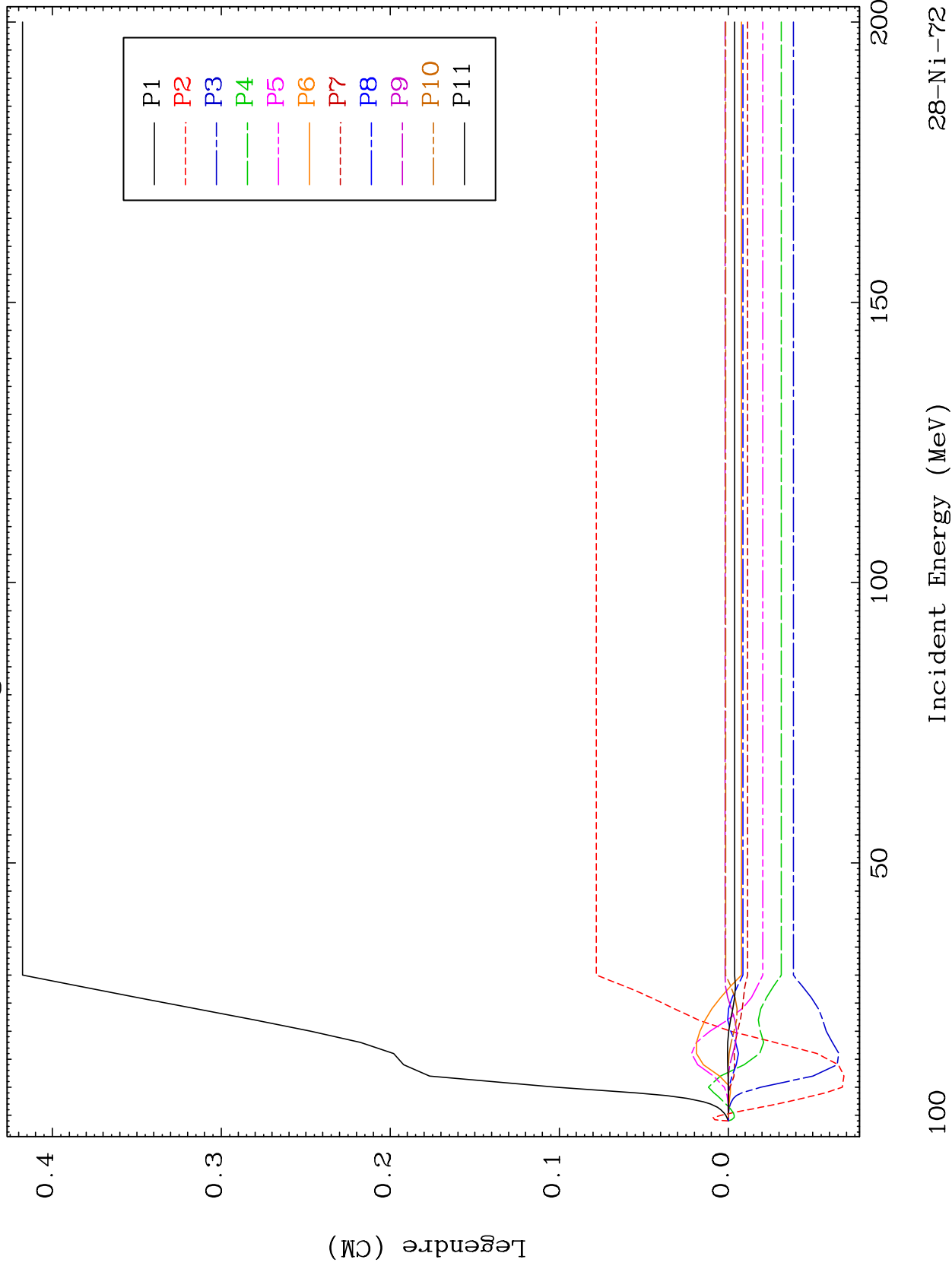
28-Ni-72



MAT 2867

3.927 MeV (n,n') Level
Legendre Coefficients

28-Ni-72

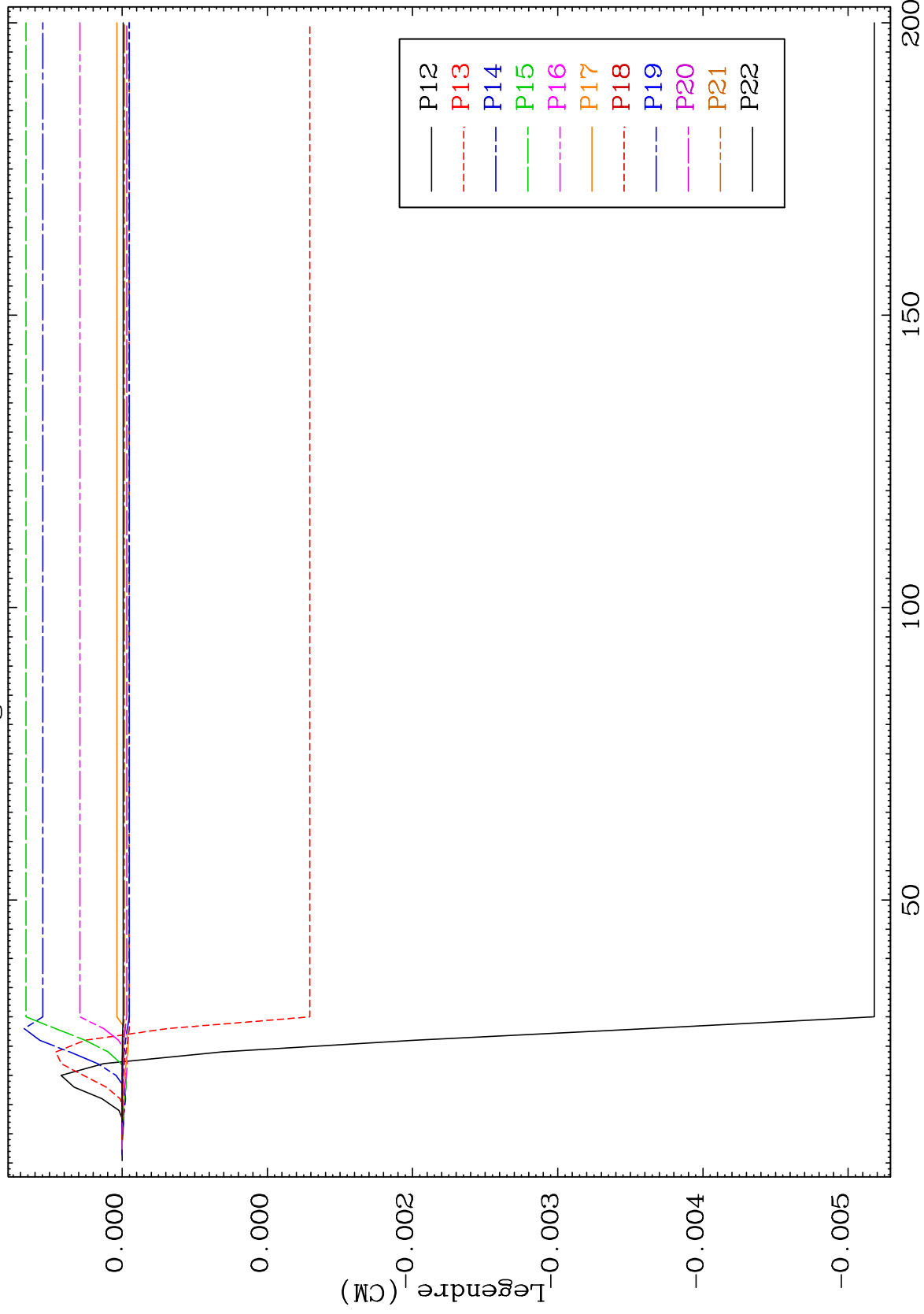


28-Ni-72

MAT 2867

3.927 MeV (n,n') Level
Legendre Coefficients

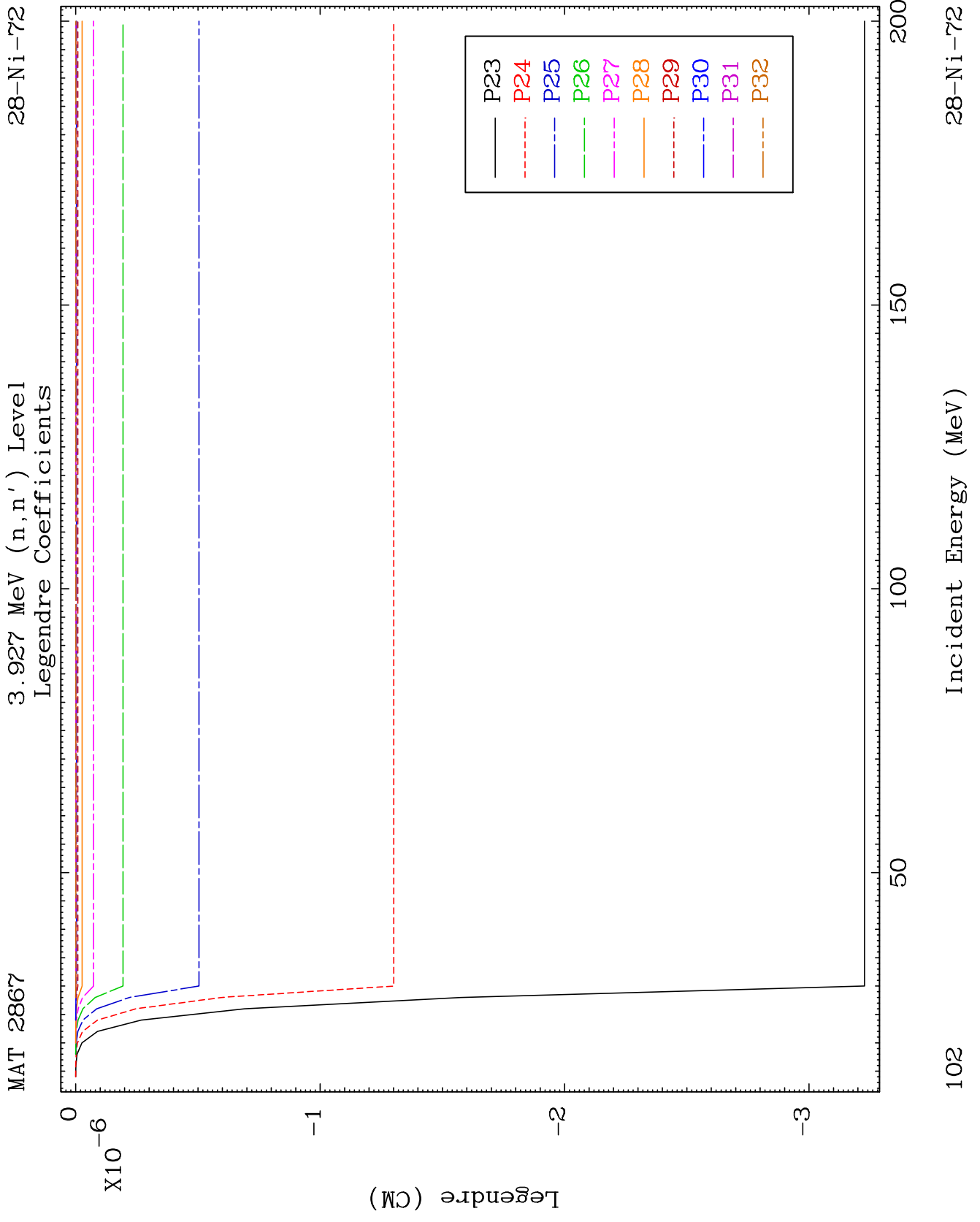
28-Ni-72

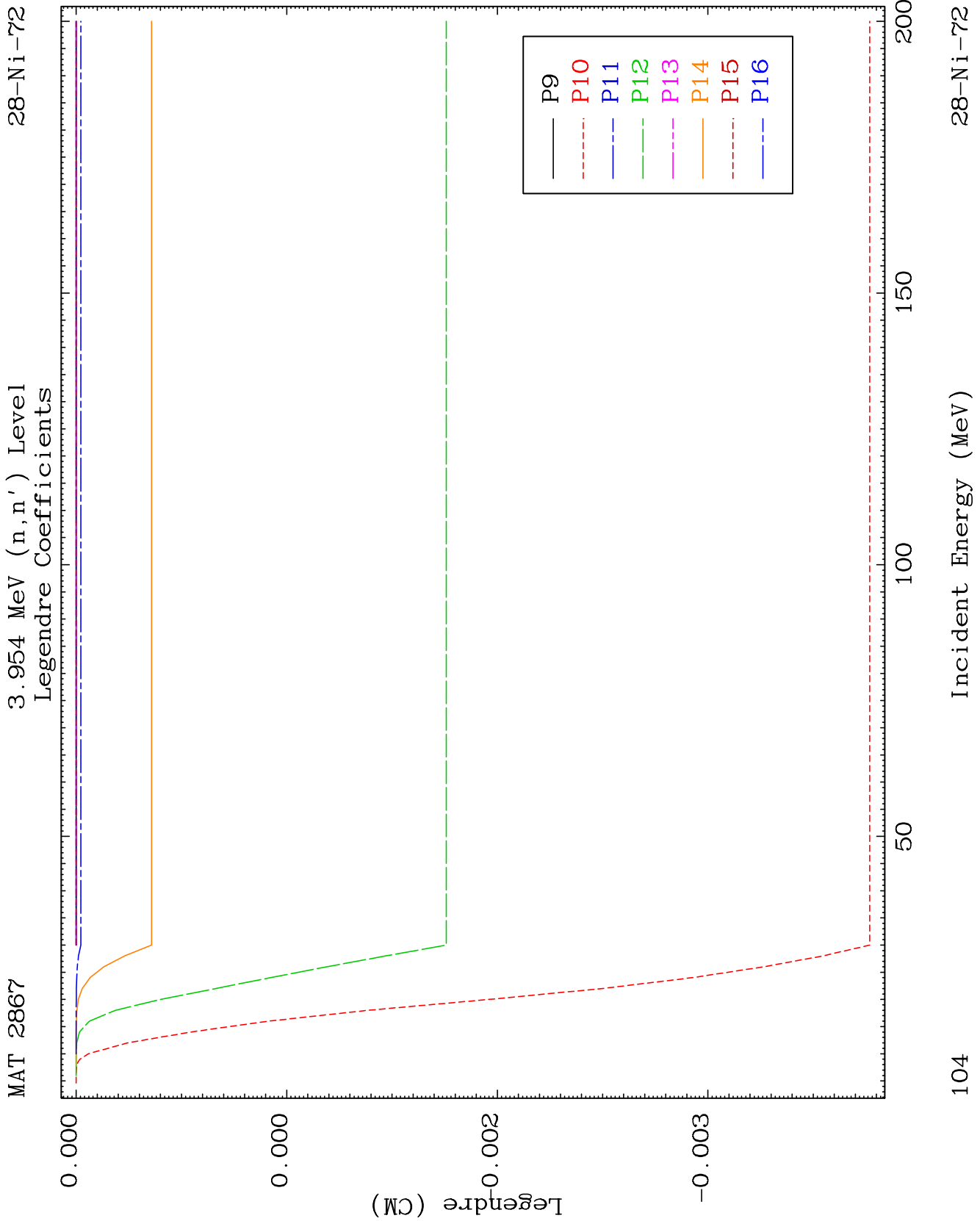


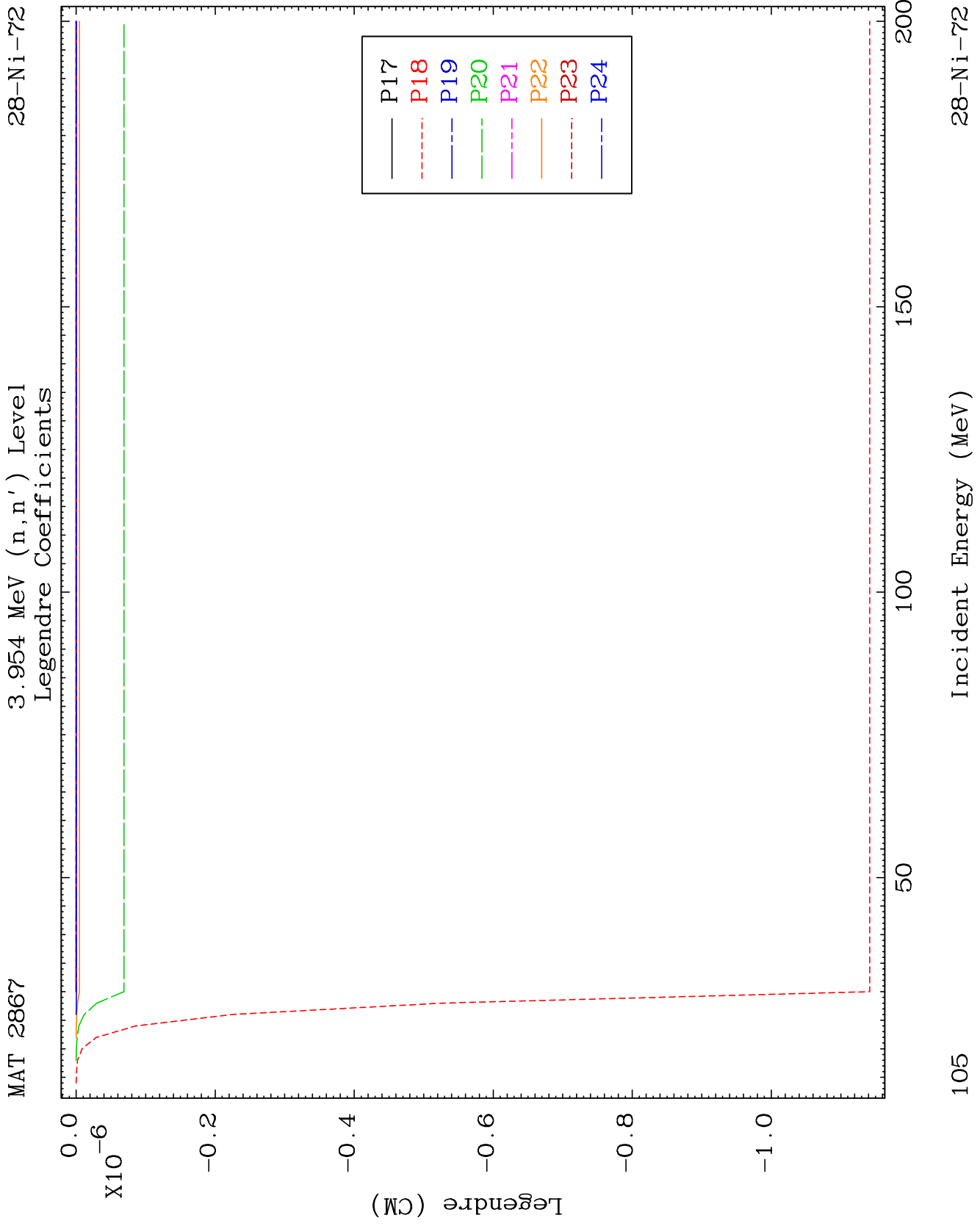
101

Incident Energy (MeV)

28-Ni-72



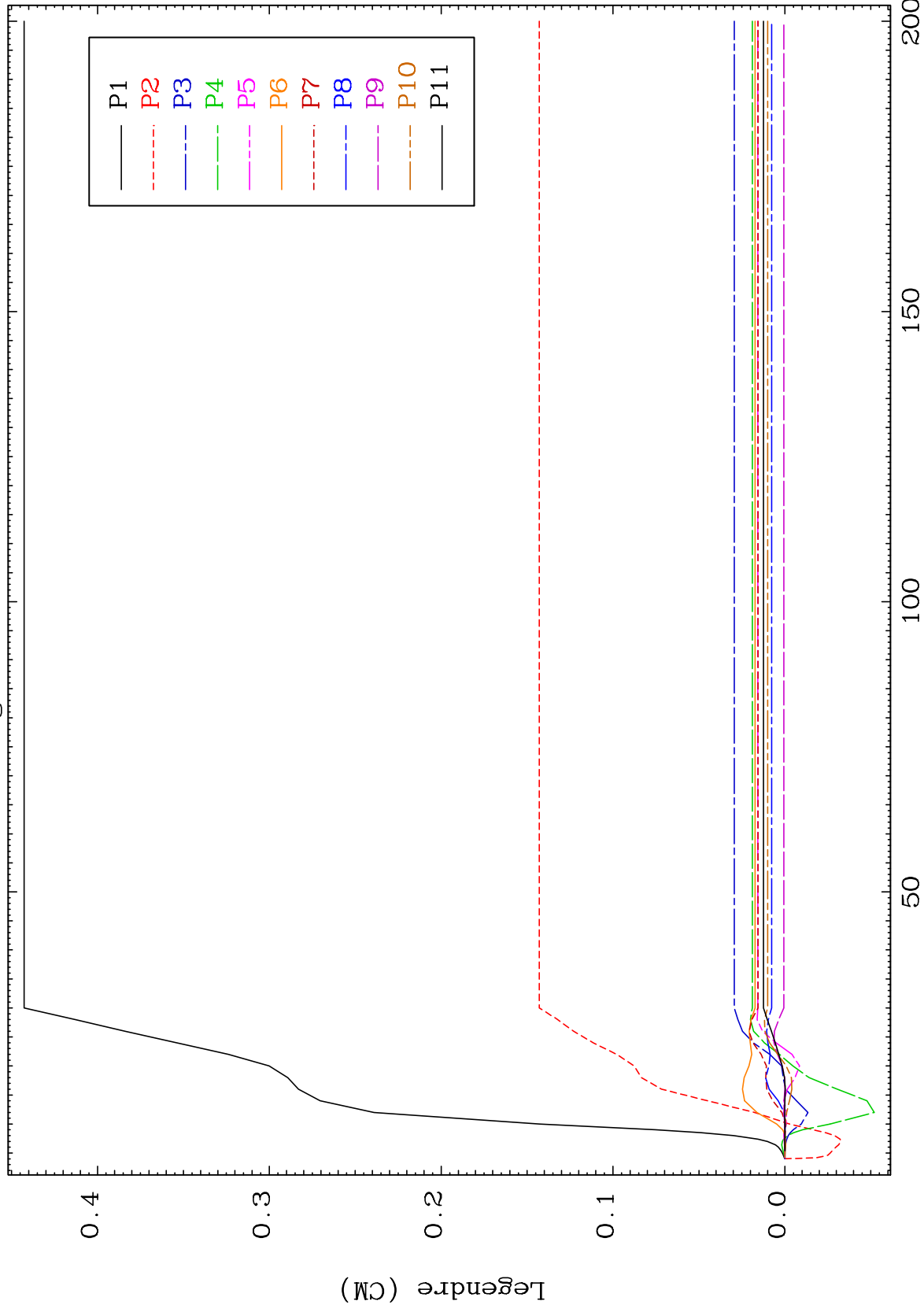




MAT 2867

3.959 MeV (n,n') Level
Legendre Coefficients

28-Ni-72



106

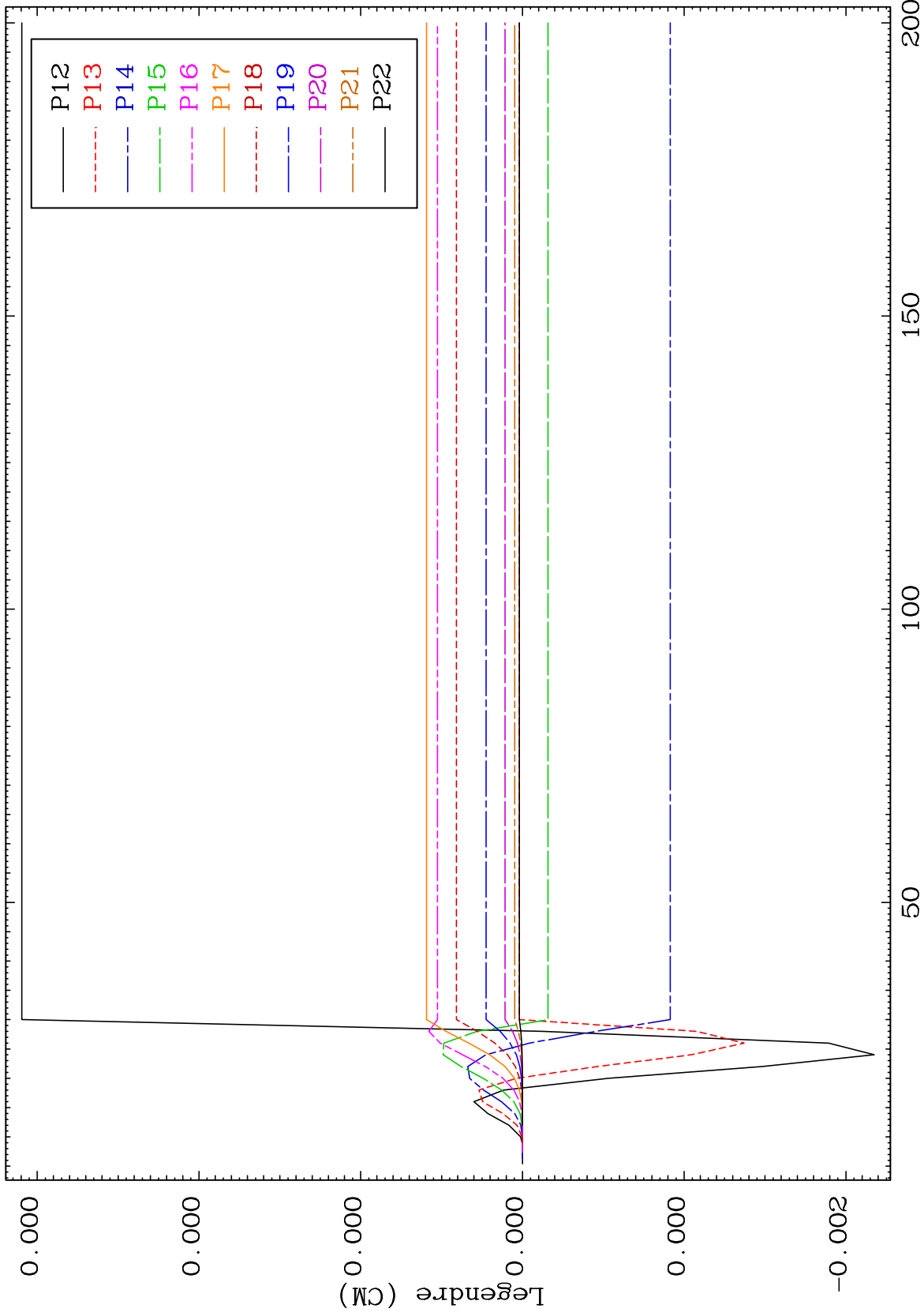
Incident Energy (MeV)

28-Ni-72

MAT 2867

3.959 MeV (n,n') Level
Legendre Coefficients

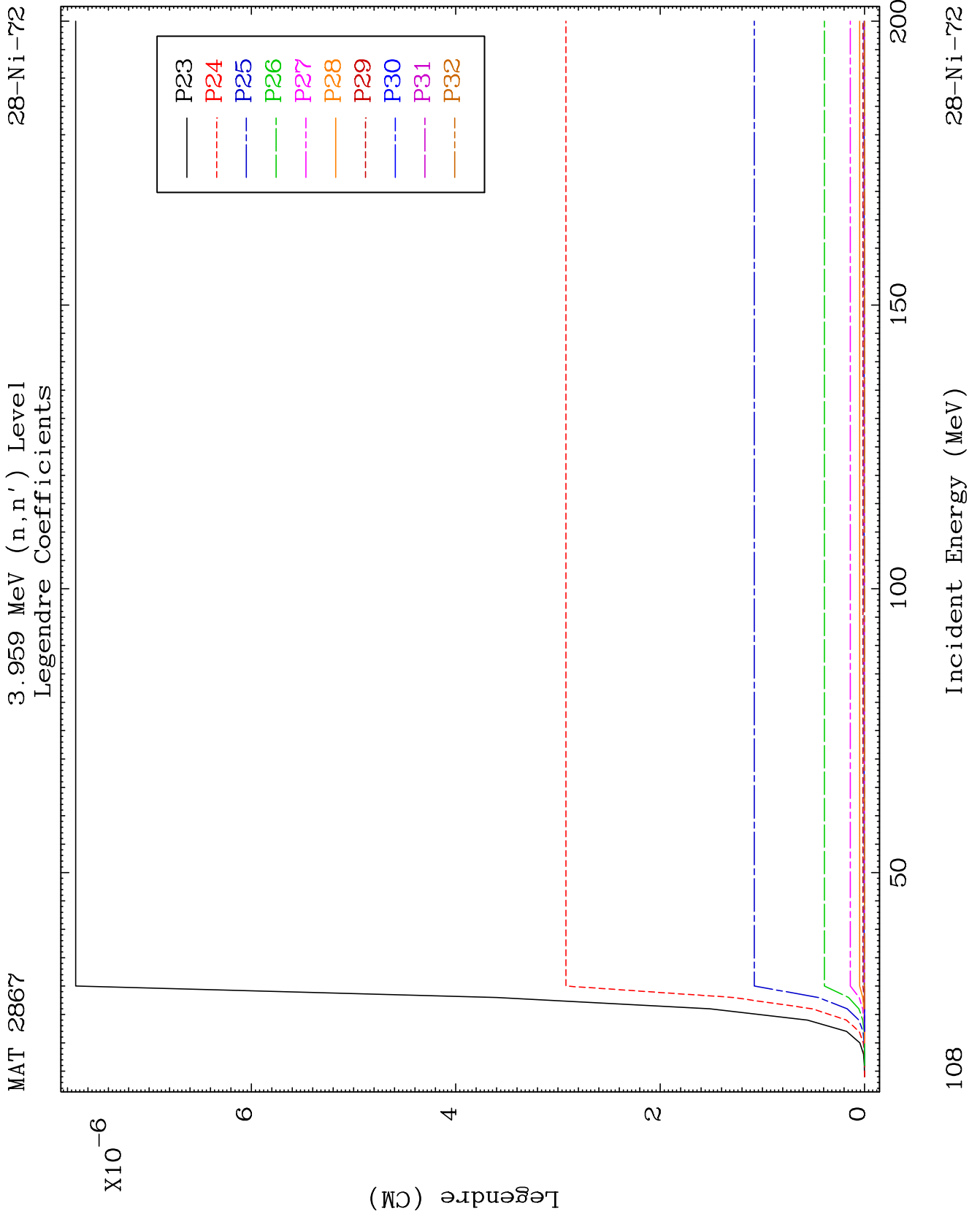
28-Ni-72



107

Incident Energy (MeV)

28-Ni-72

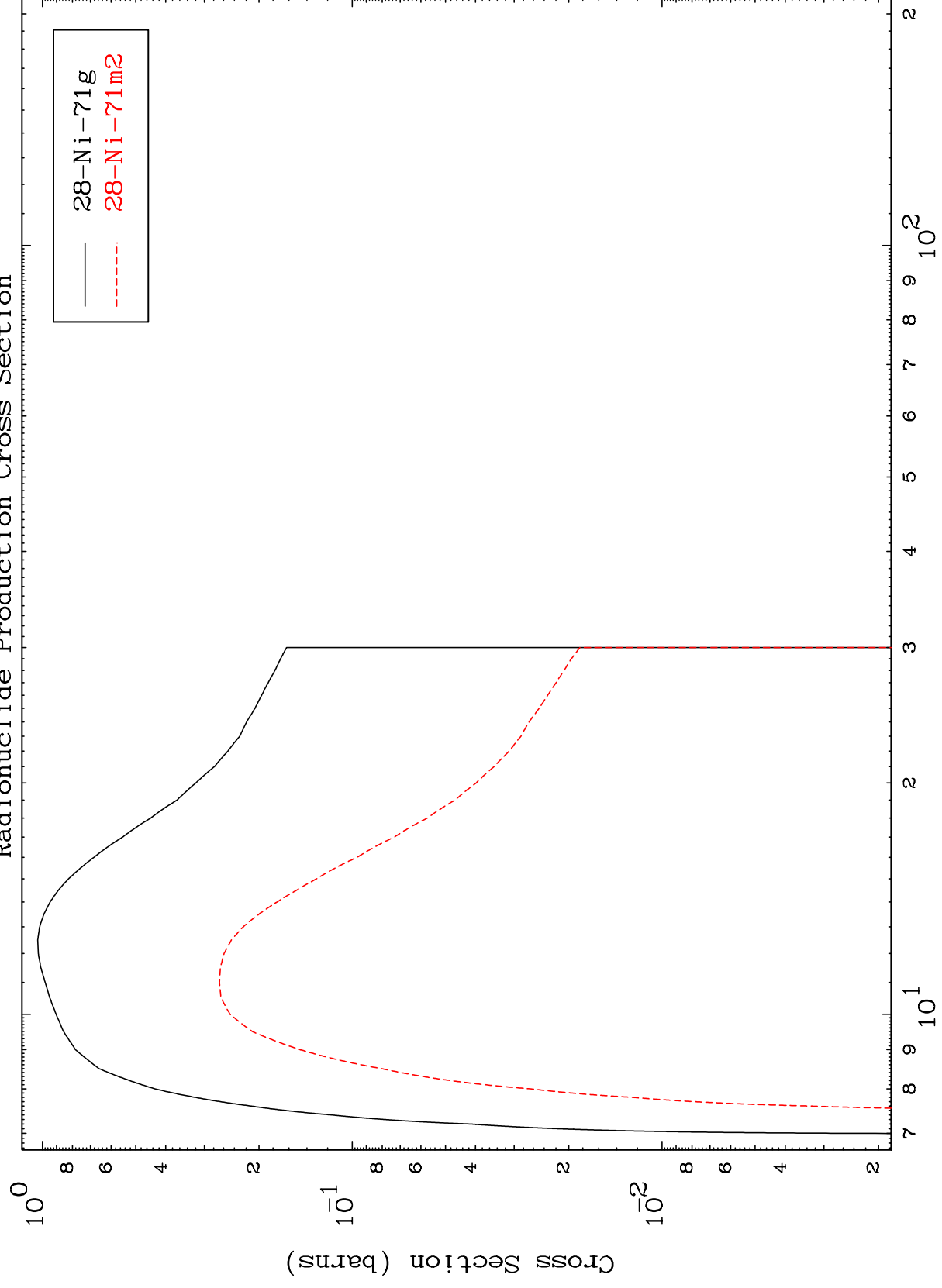


MAT 2867

(n,2n)

28-Ni-72

Radionuclide Production Cross Section



28-Ni-71g
28-Ni-71m2

109

Incident Energy (MeV)

28-Ni-72