

Program EVALPLOT
(Version 2015-2)

by

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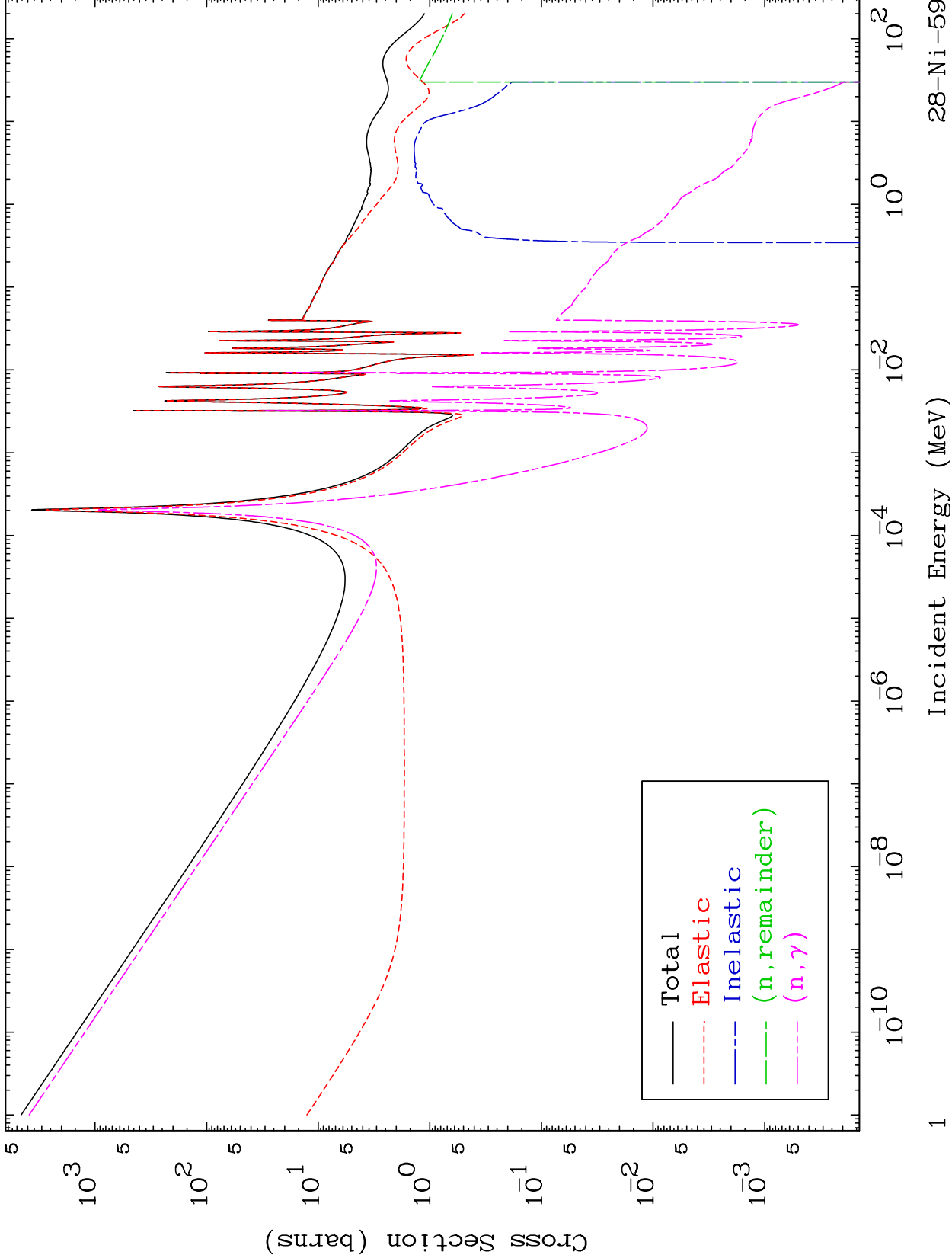
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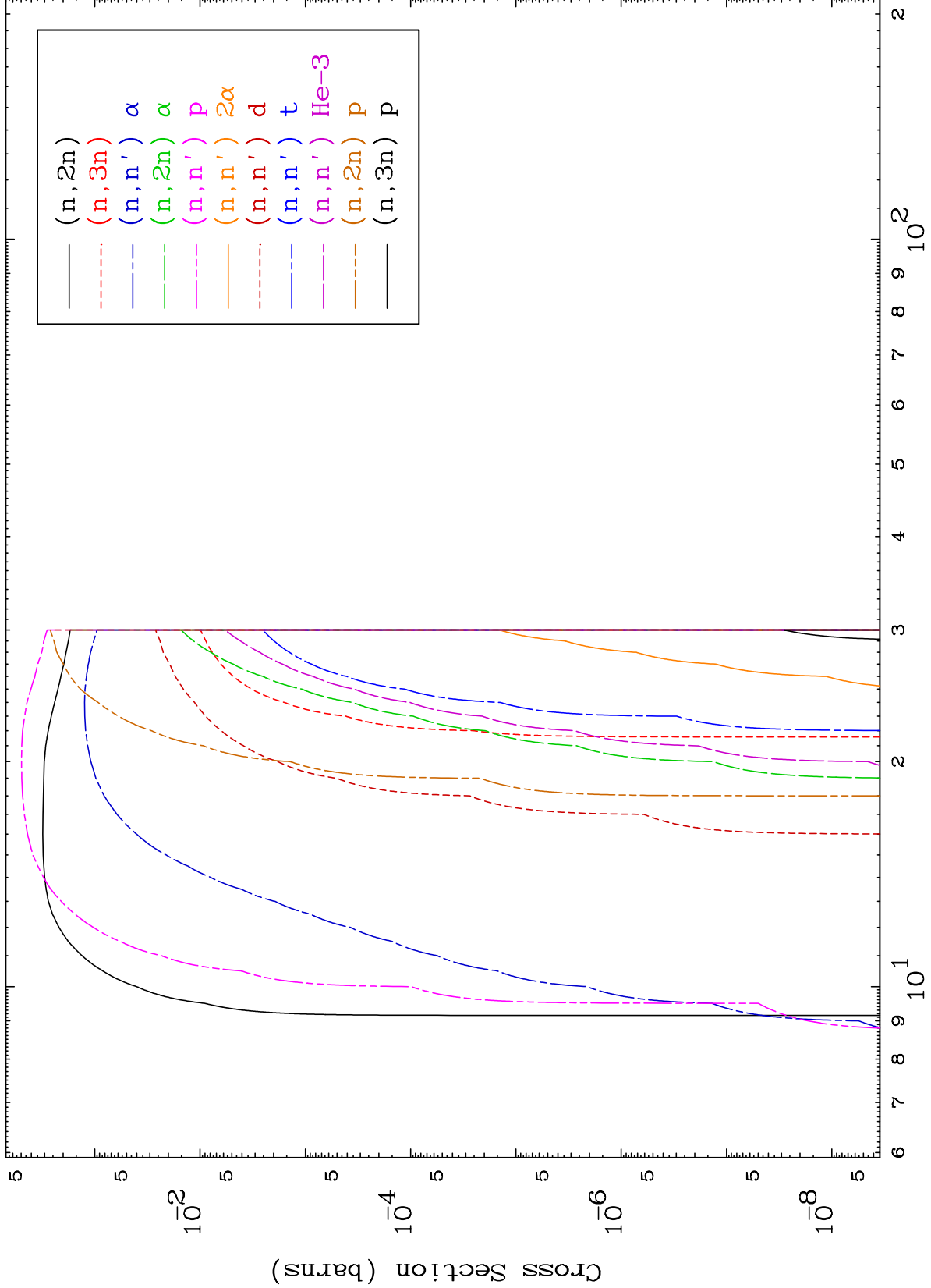
MAT 2828

Major

293 Kelvin Cross Sections

28-Ni-59

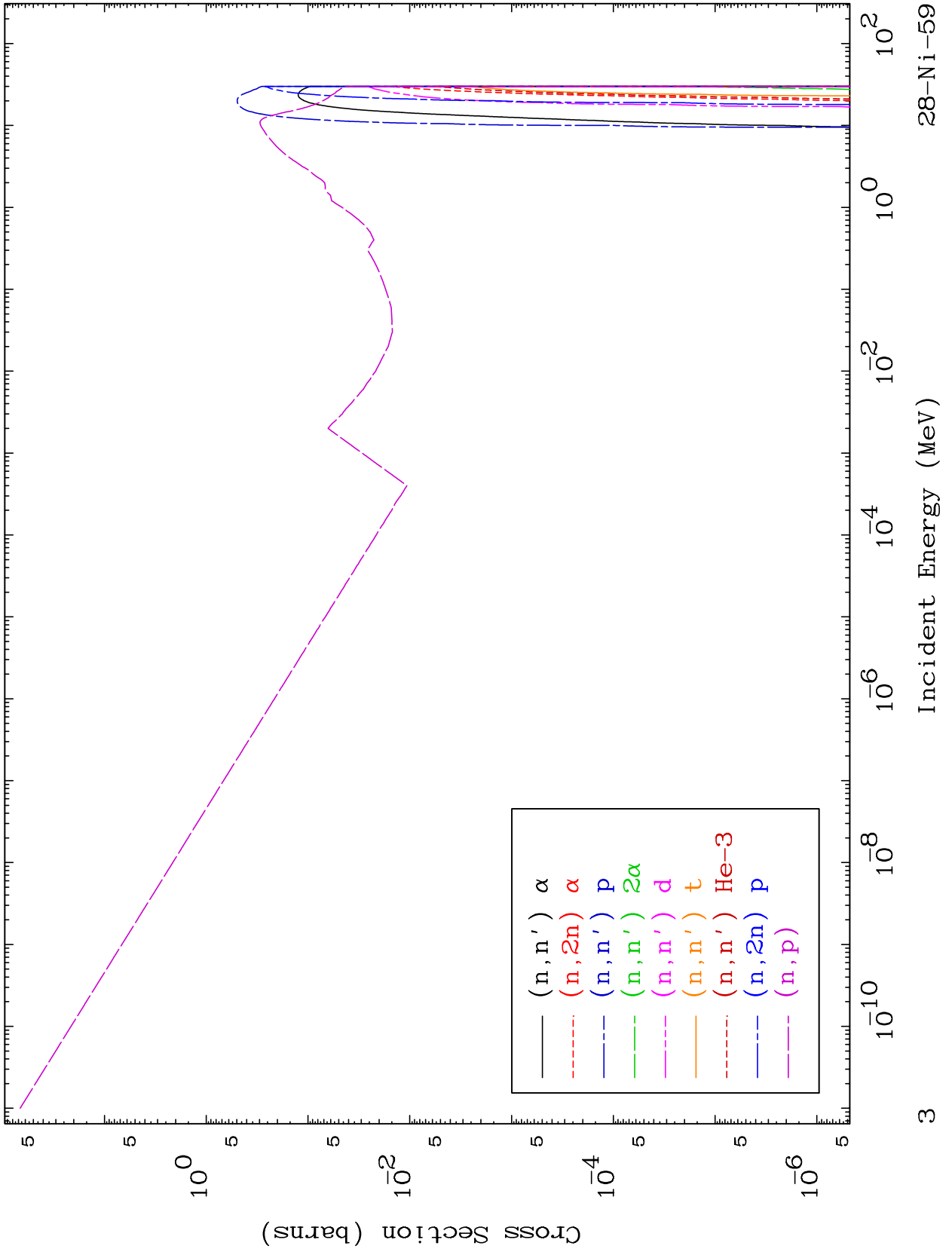




MAT 2828

Charged Particle
293 Kelvin Cross Sections

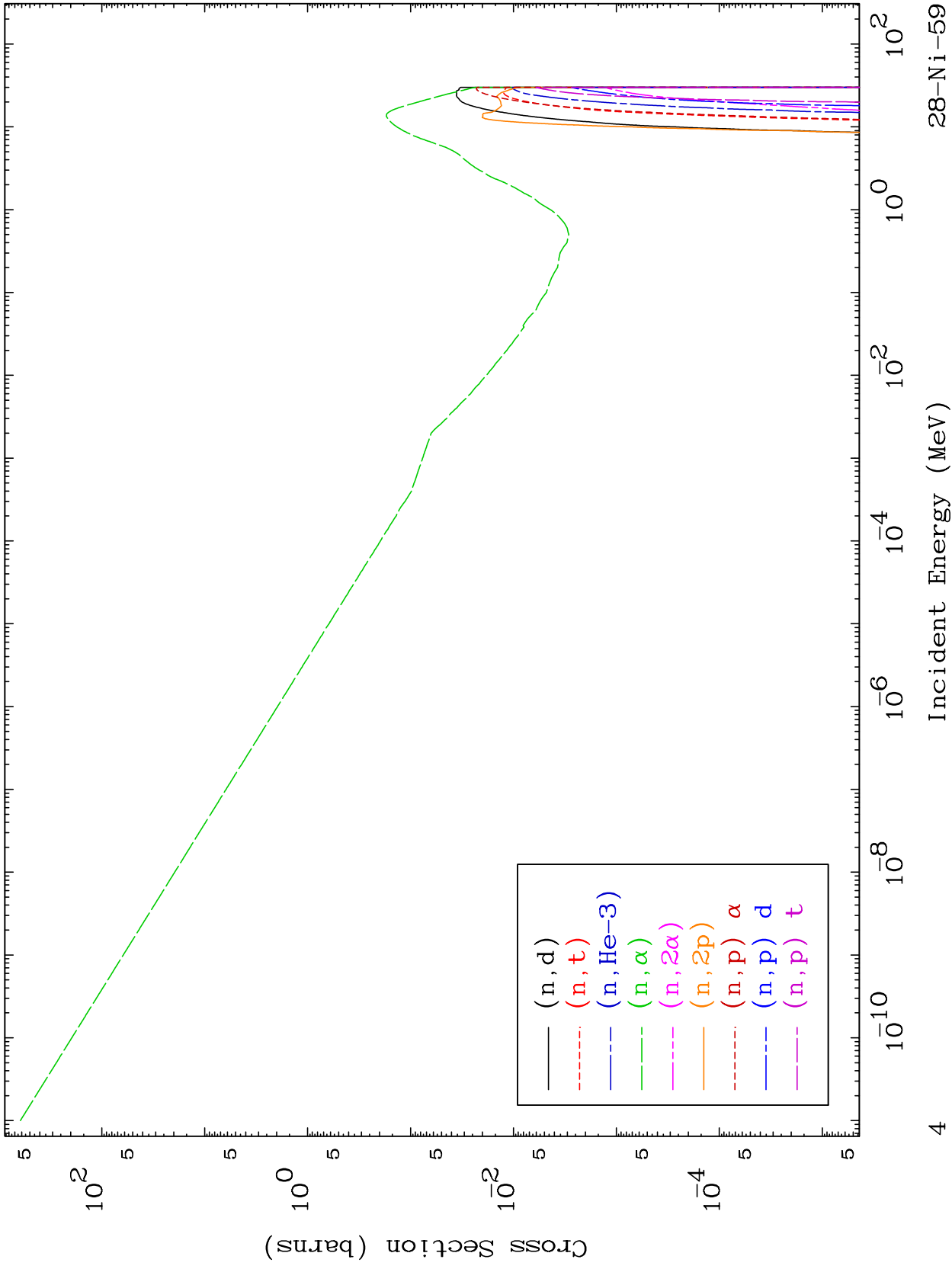
28-Ni-59



MAT 2828

Charged Particle
293 Kelvin Cross Sections

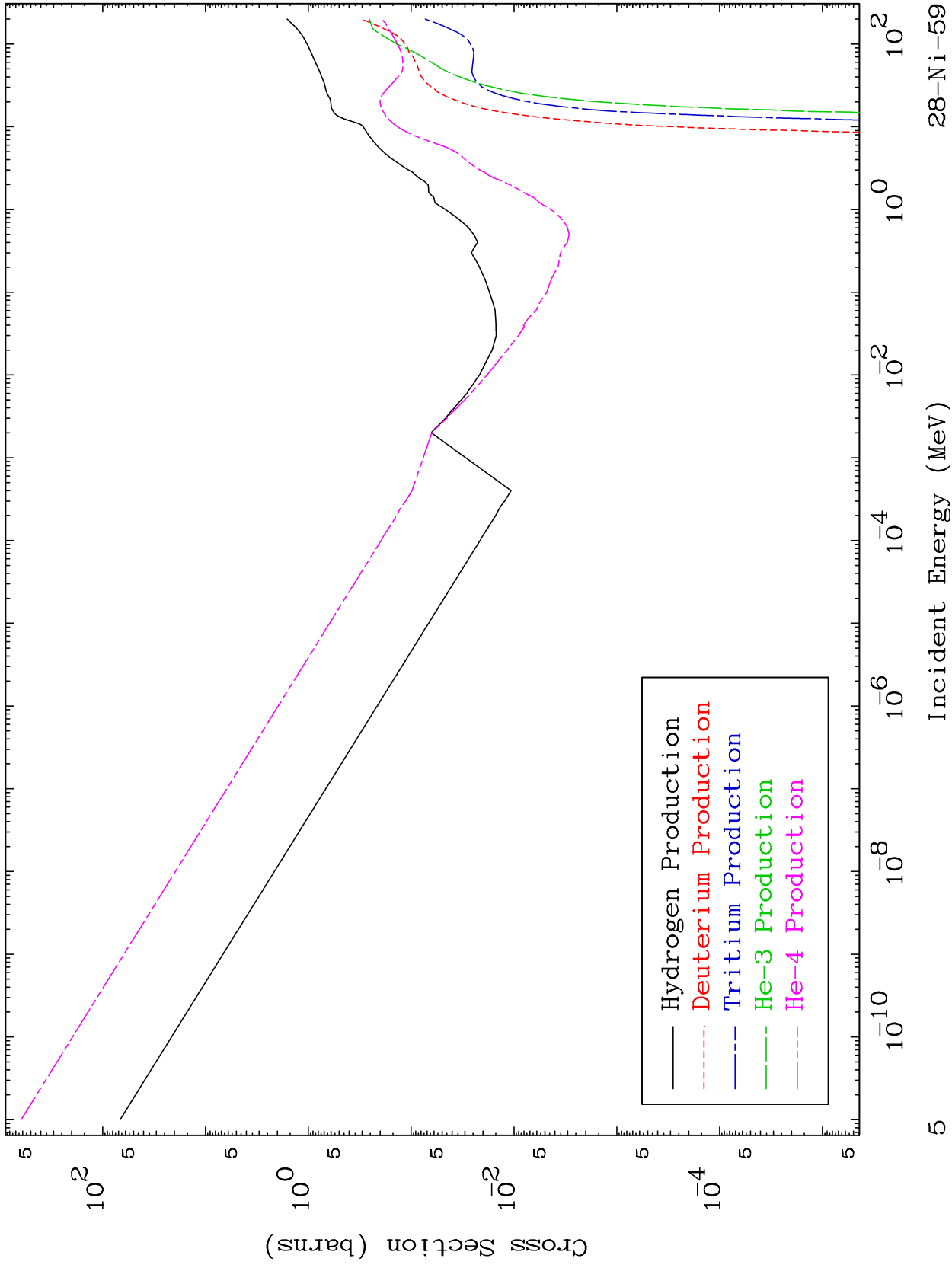
28-Ni-59



MAT 2828

Particle Production
293 Kelvin Cross Sections

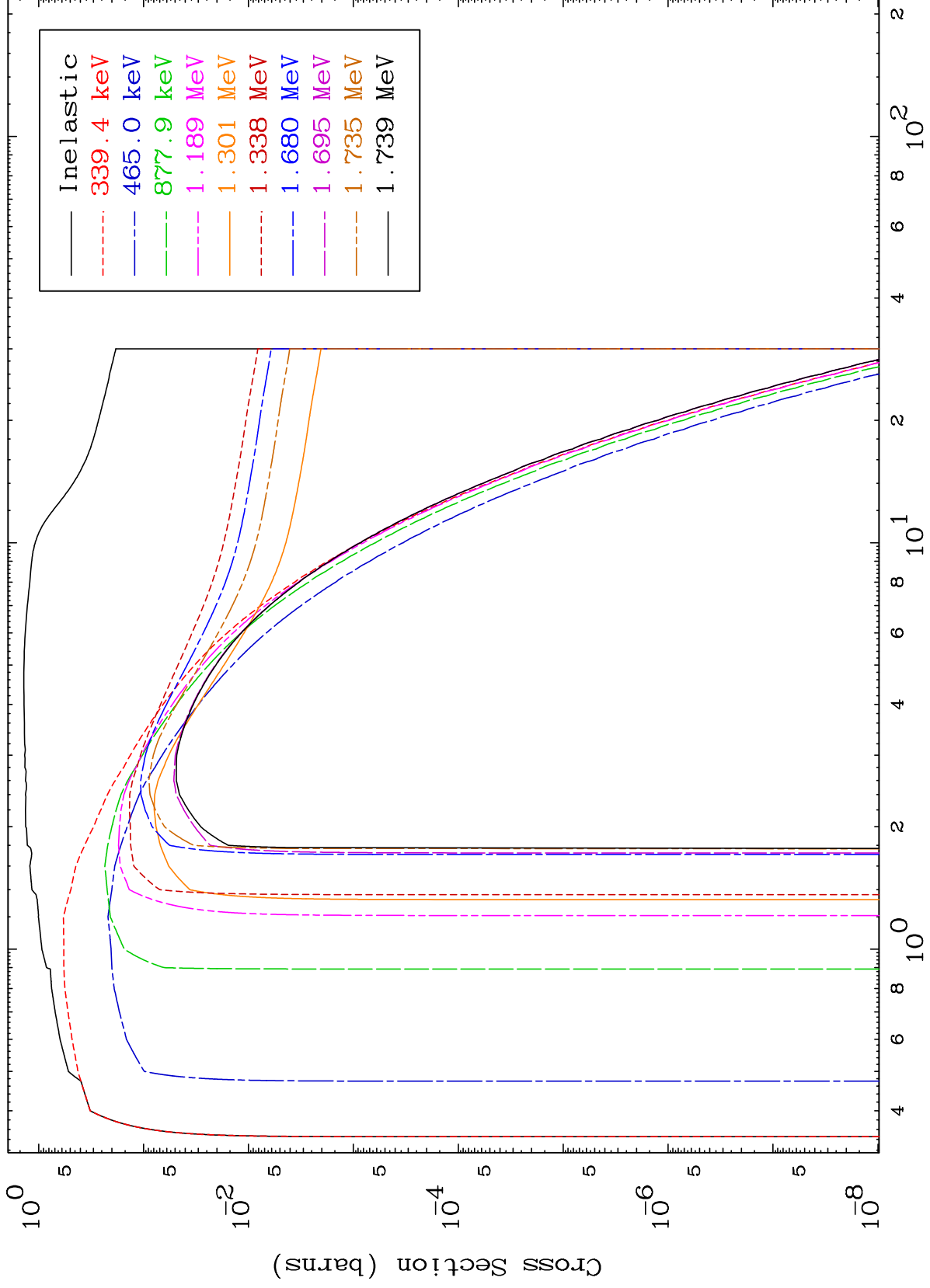
28-Ni-59



MAT 2828

(n,n') Level
293 Kelvin Cross Sections

28-Ni-59



6

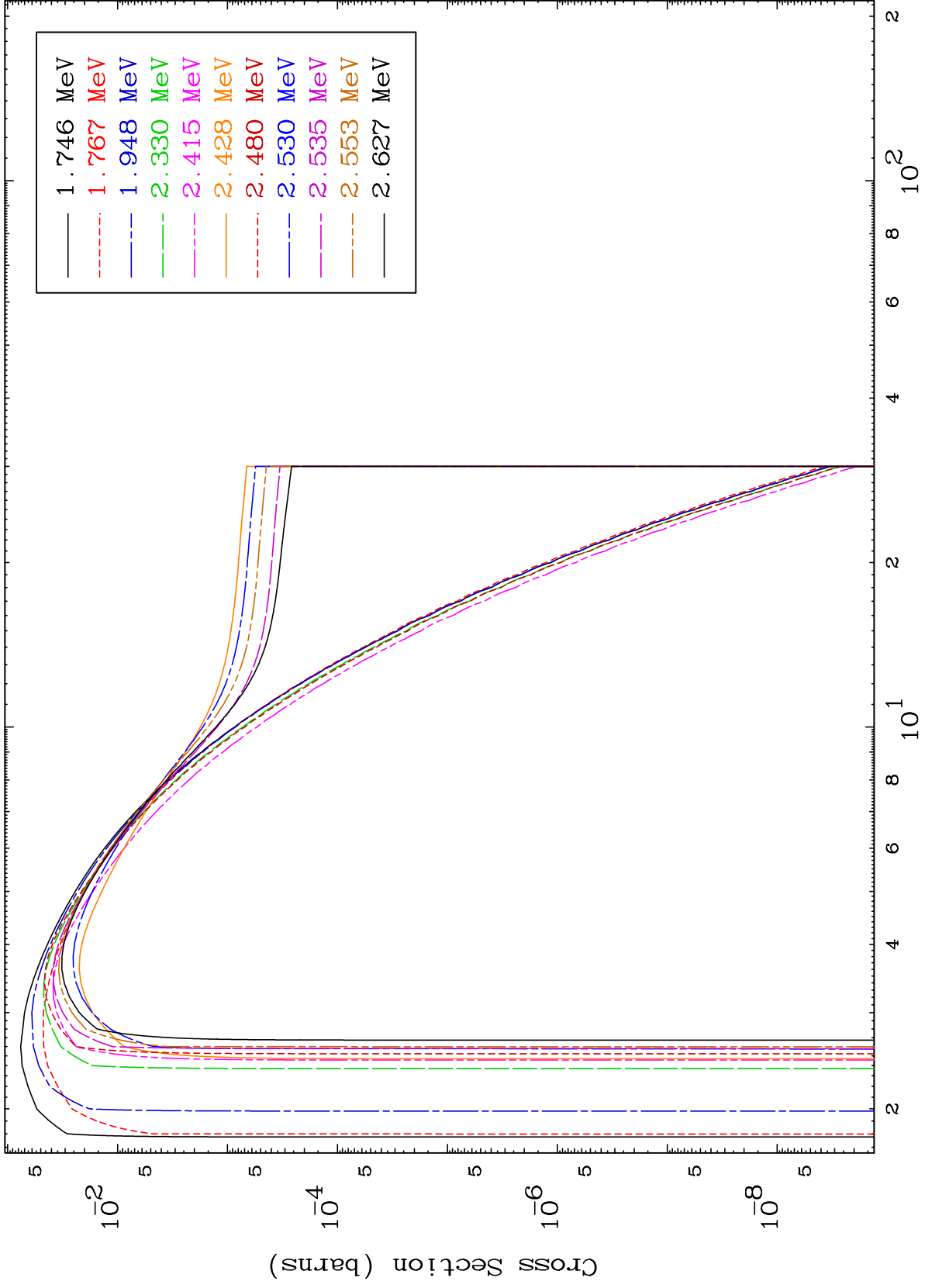
Incident Energy (MeV)

28-Ni-59

MAT 2828

(n,n') Level
293 Kelvin Cross Sections

28-Ni-59



7

Incident Energy (MeV)

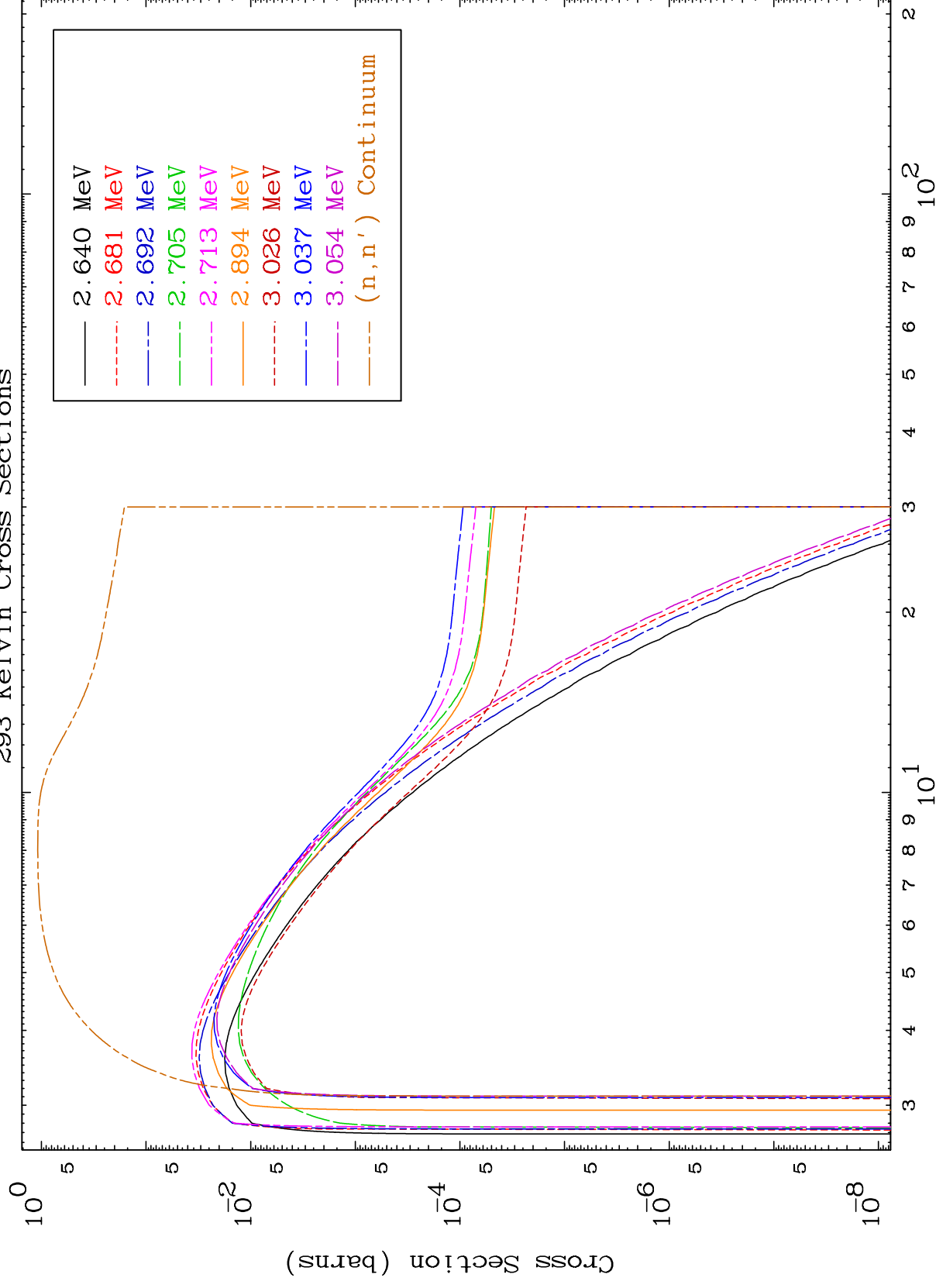
28-Ni-59

MAT 2828

(n,n') Level

28-Ni-59

293 Kelvin Cross Sections



8

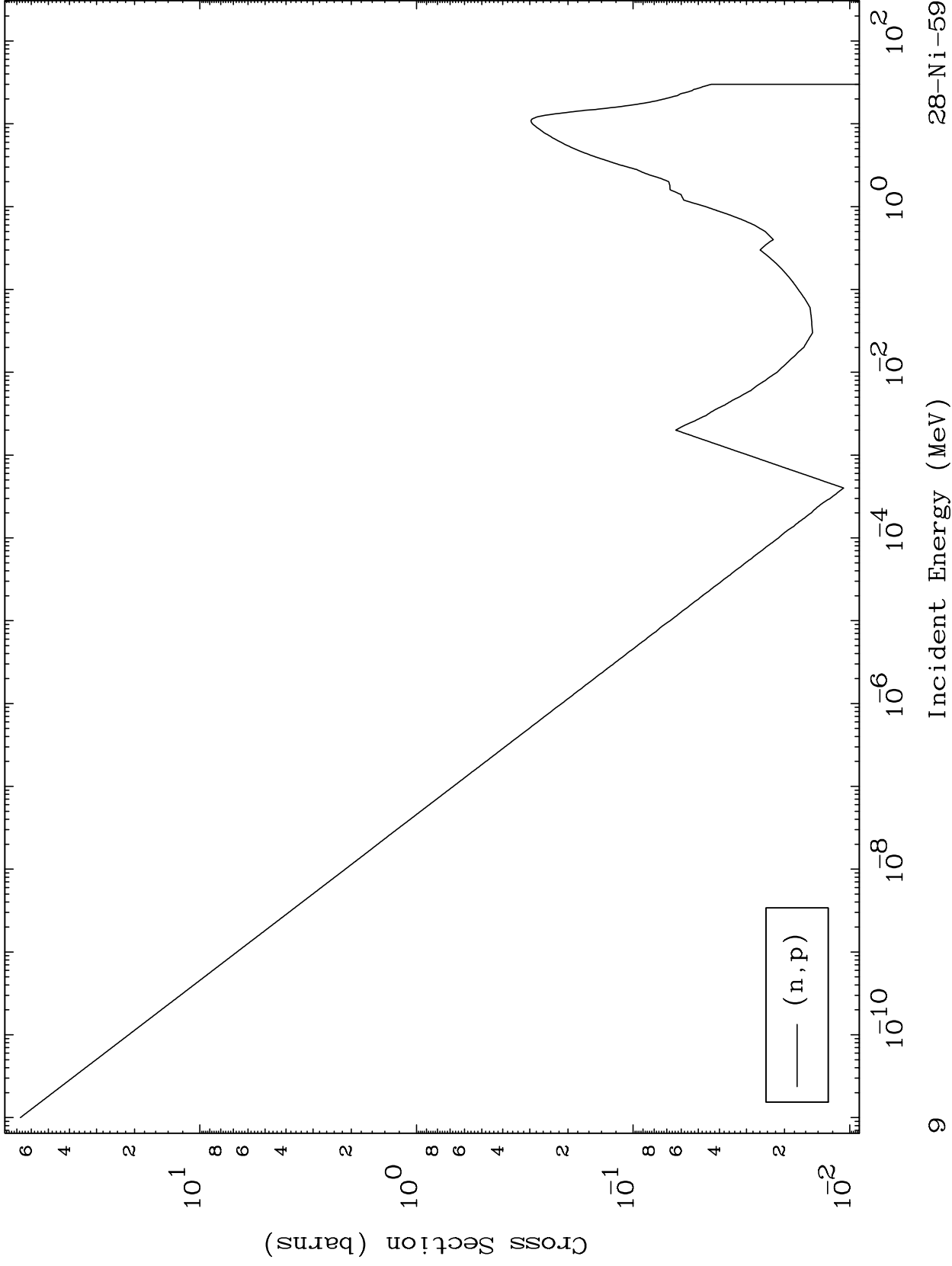
Incident Energy (MeV)

28-Ni-59

MAT 2828

(n,p) Levels
293 Kelvin Cross Sections

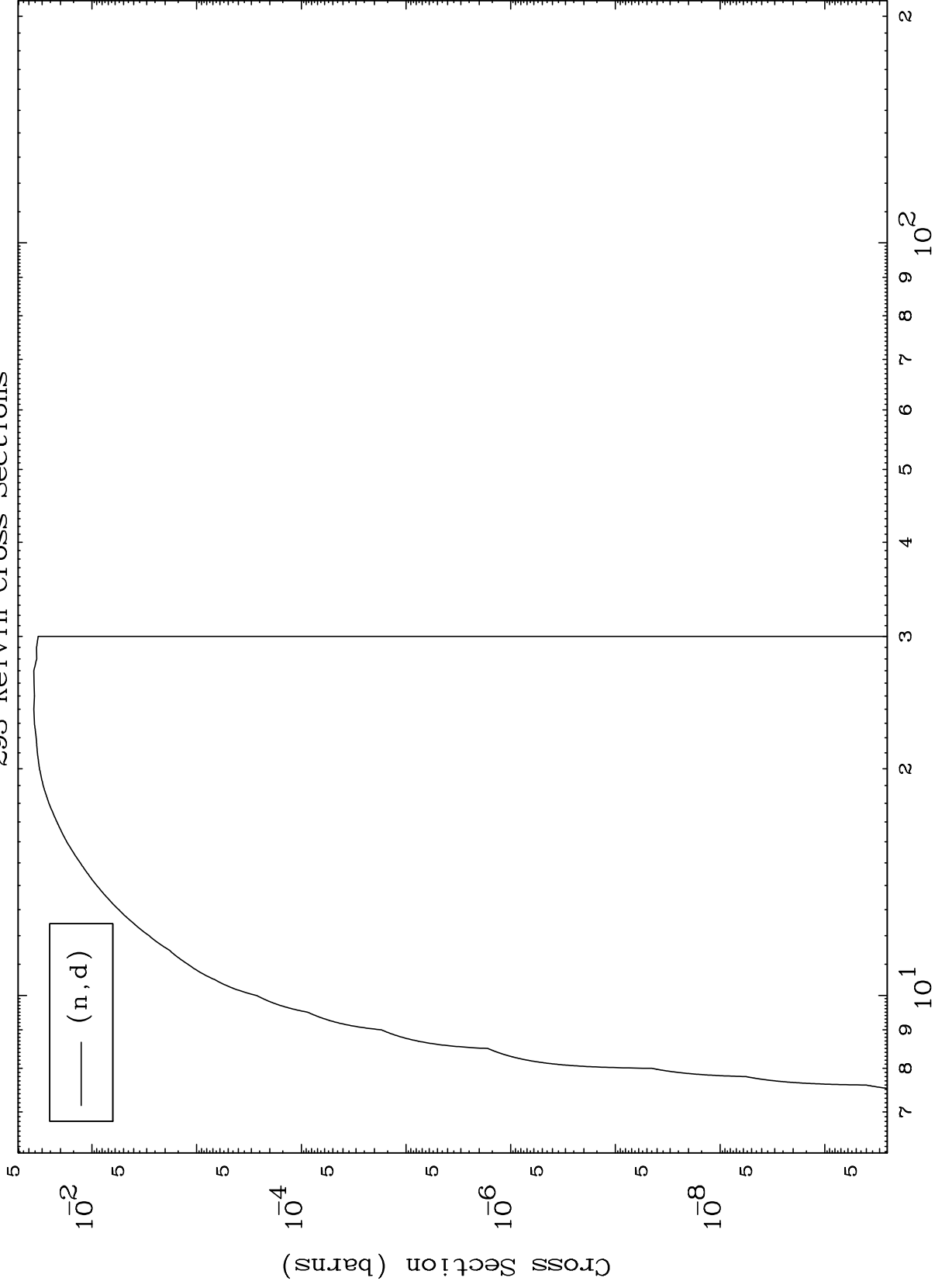
28-Ni-59



MAT 2828

(n,d) Levels
293 Kelvin Cross Sections

28-Ni-59



10

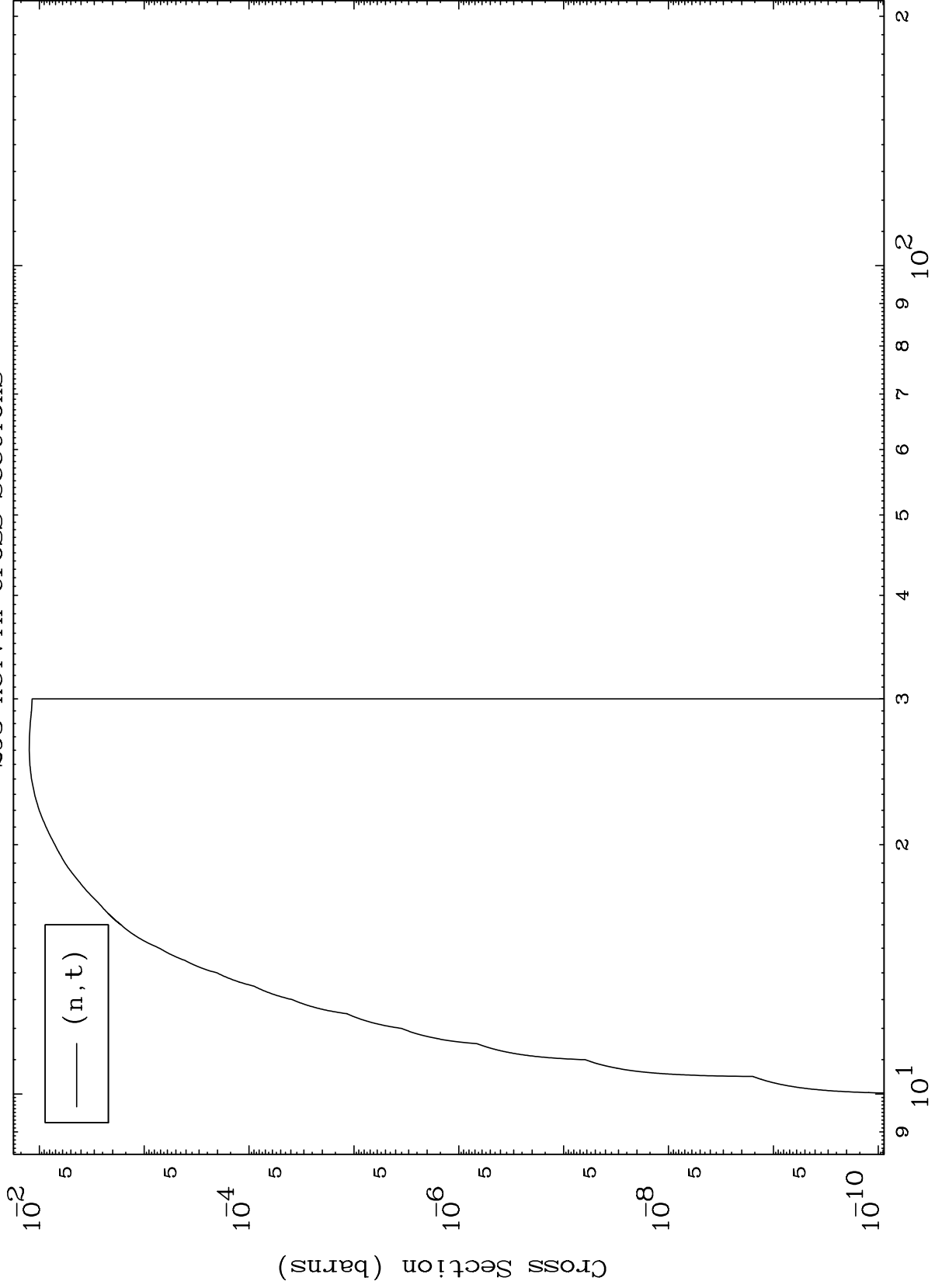
Incident Energy (MeV)

28-Ni-59

MAT 2828

(n,t) Levels
293 Kelvin Cross Sections

28-Ni-59



11

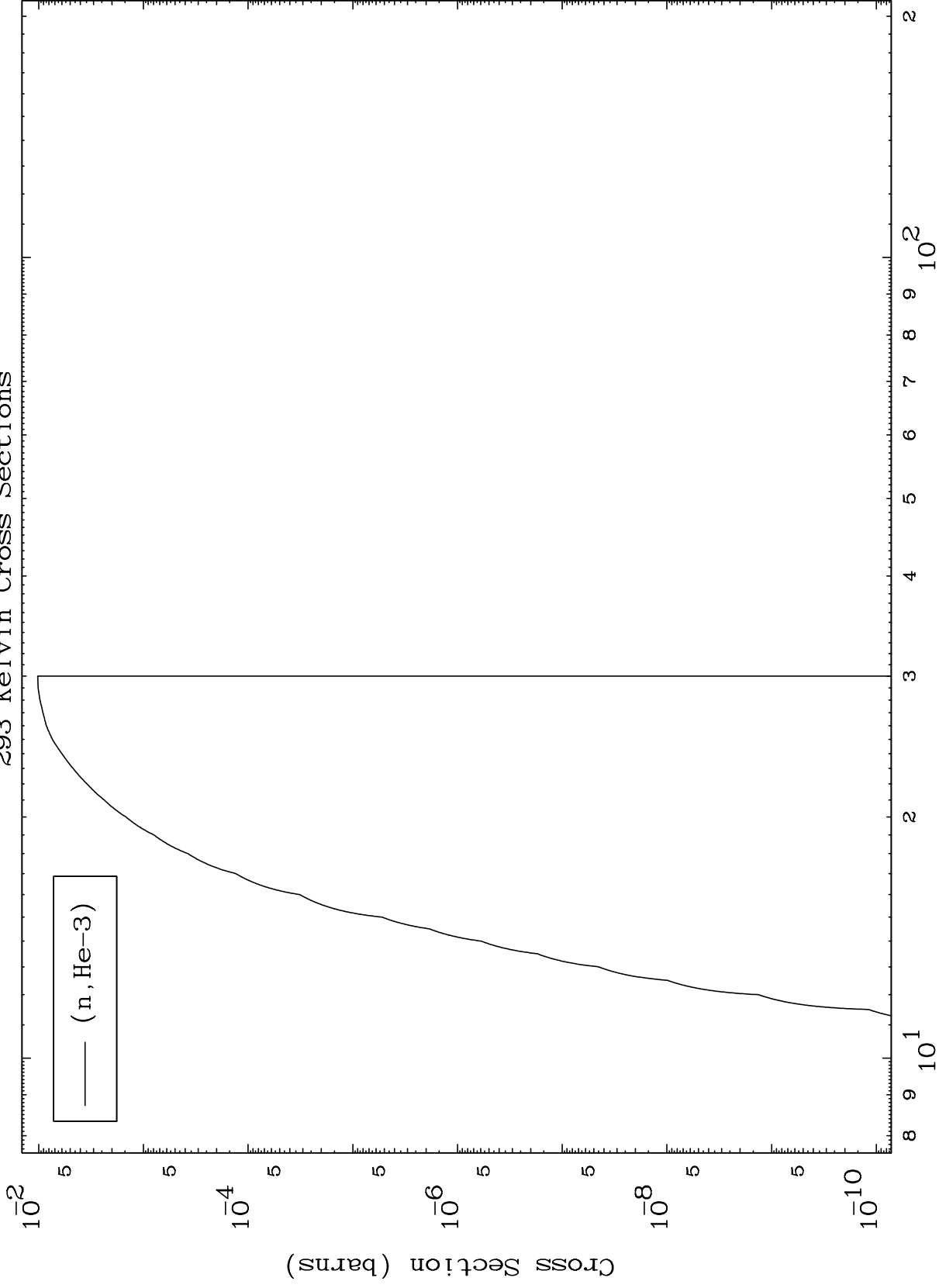
Incident Energy (MeV)

28-Ni-59

MAT 2828

(n,He3) Levels
293 Kelvin Cross Sections

28-Ni-59



12

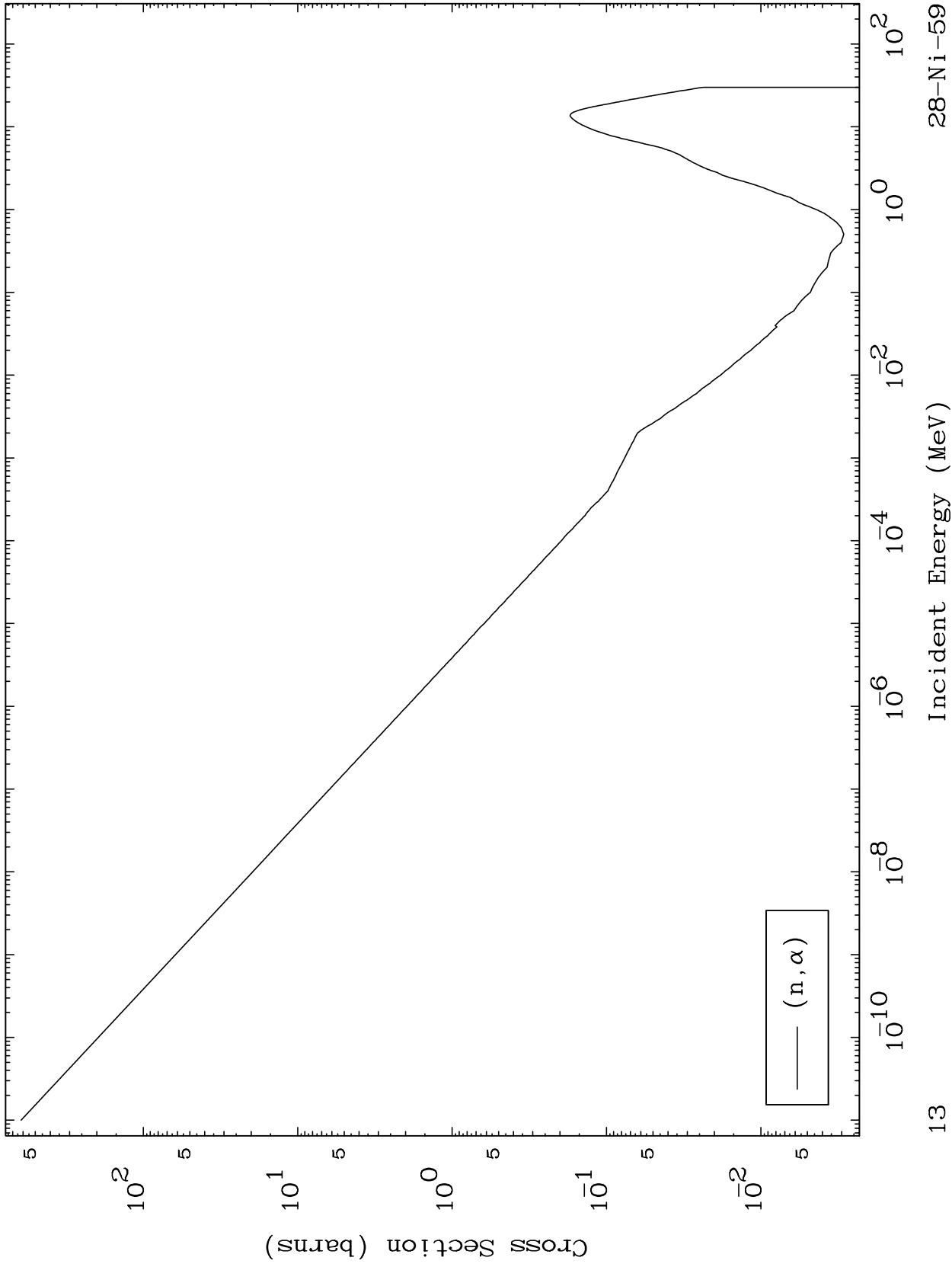
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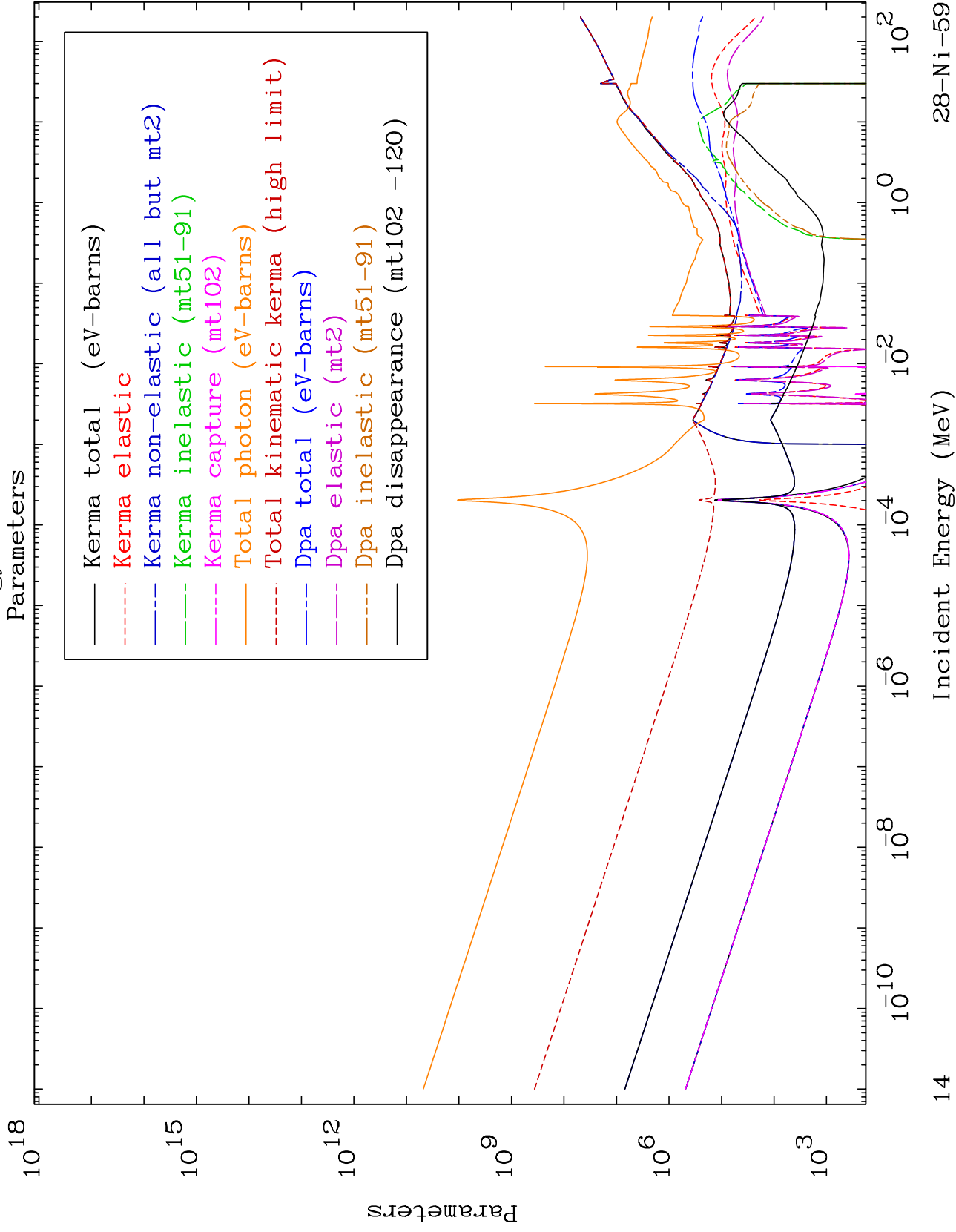
28-Ni-59

MAT 2828

(n,α) Levels
293 Kelvin Cross Sections

28-Ni-59

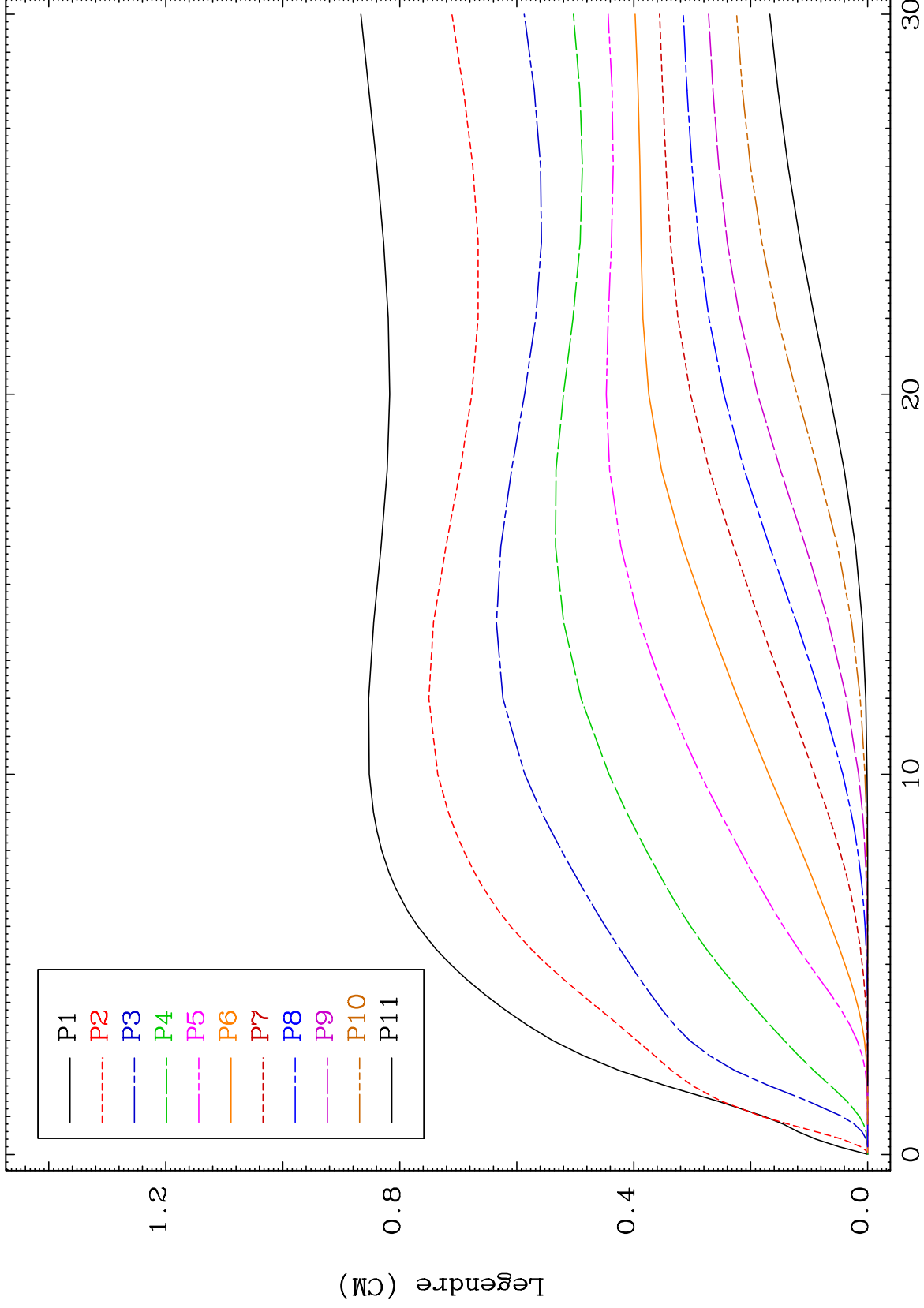




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Elastic Legendre Coefficients

²⁸Ni-59



²⁸Ni-59

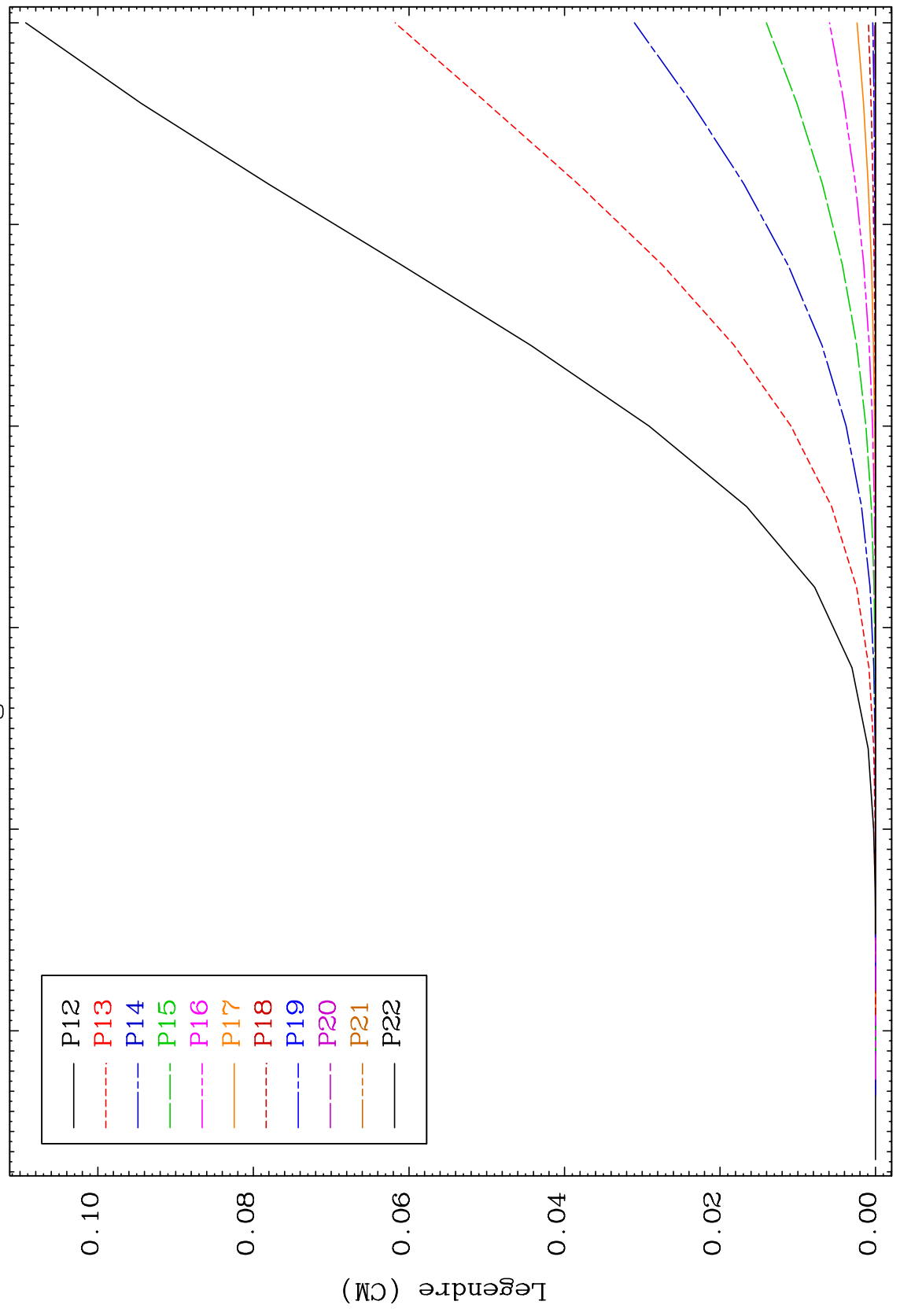
Incident Energy (MeV)

15

MAT 2828

Elastic
Legendre Coefficients

28-Ni-59



16

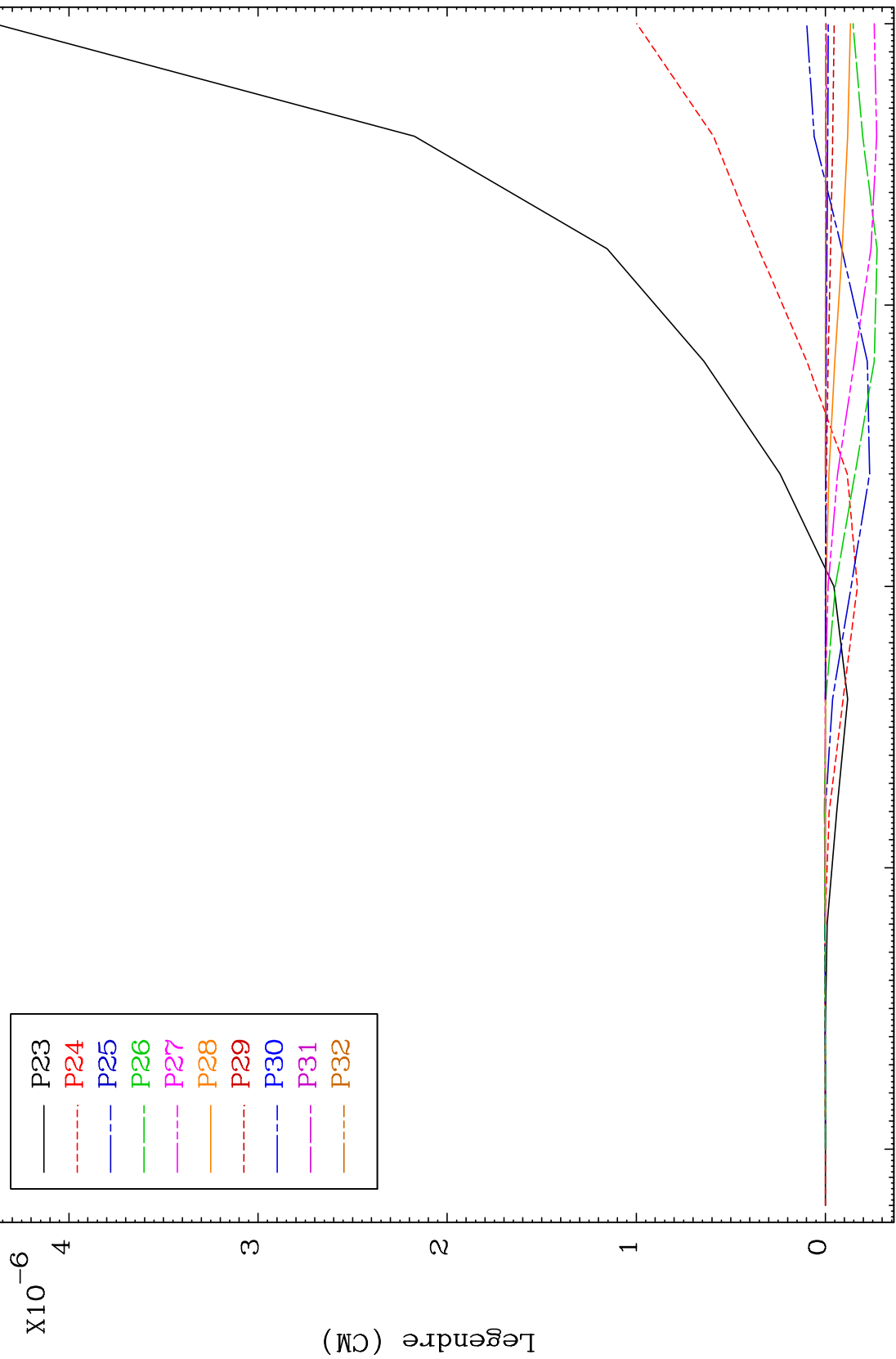
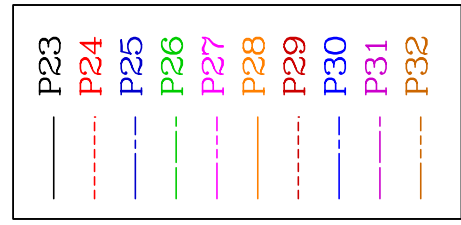
28-Ni-59

Incident Energy (MeV)

MAT 2828

Elastic Legendre Coefficients

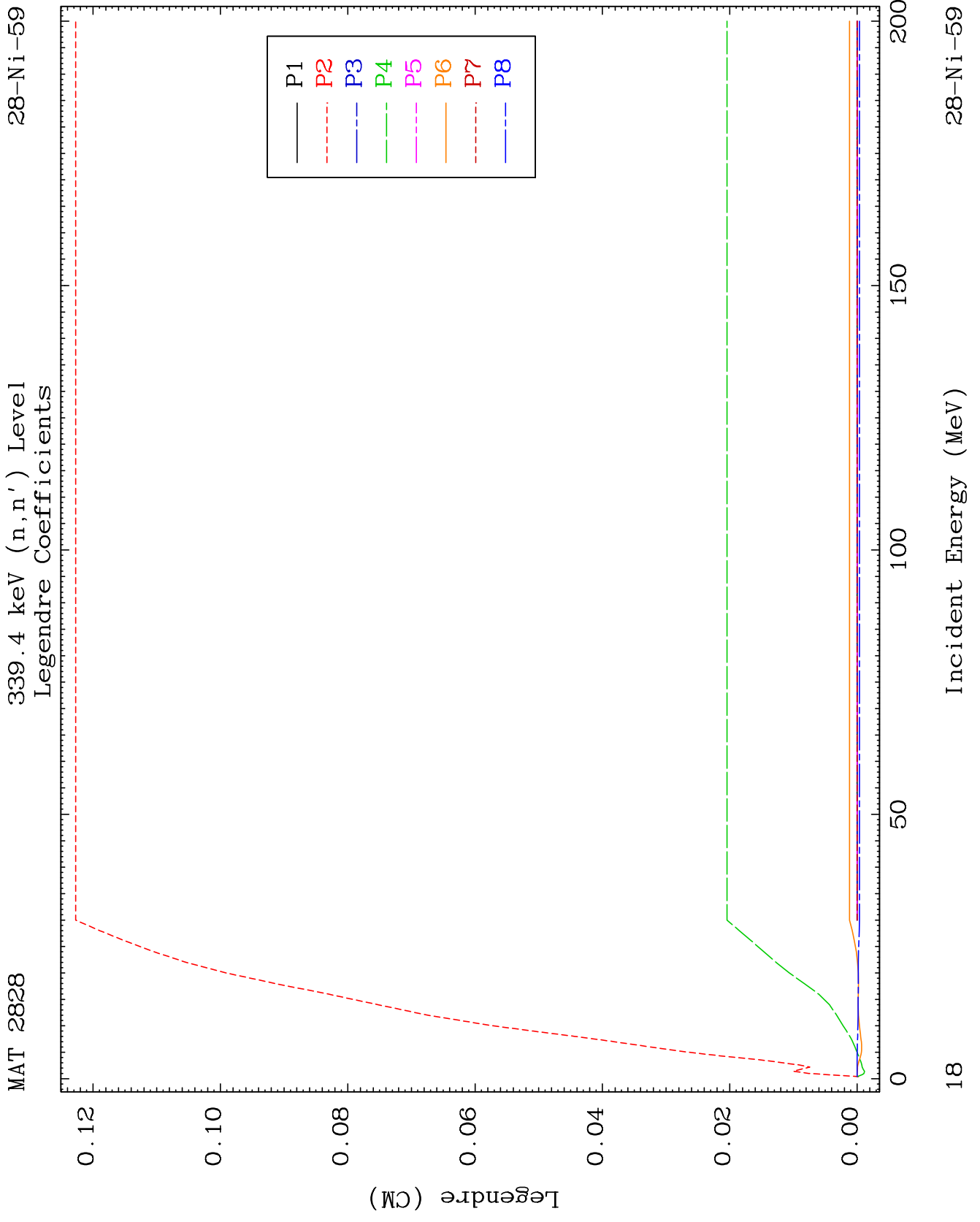
28-Ni-59



17

Incident Energy (MeV)

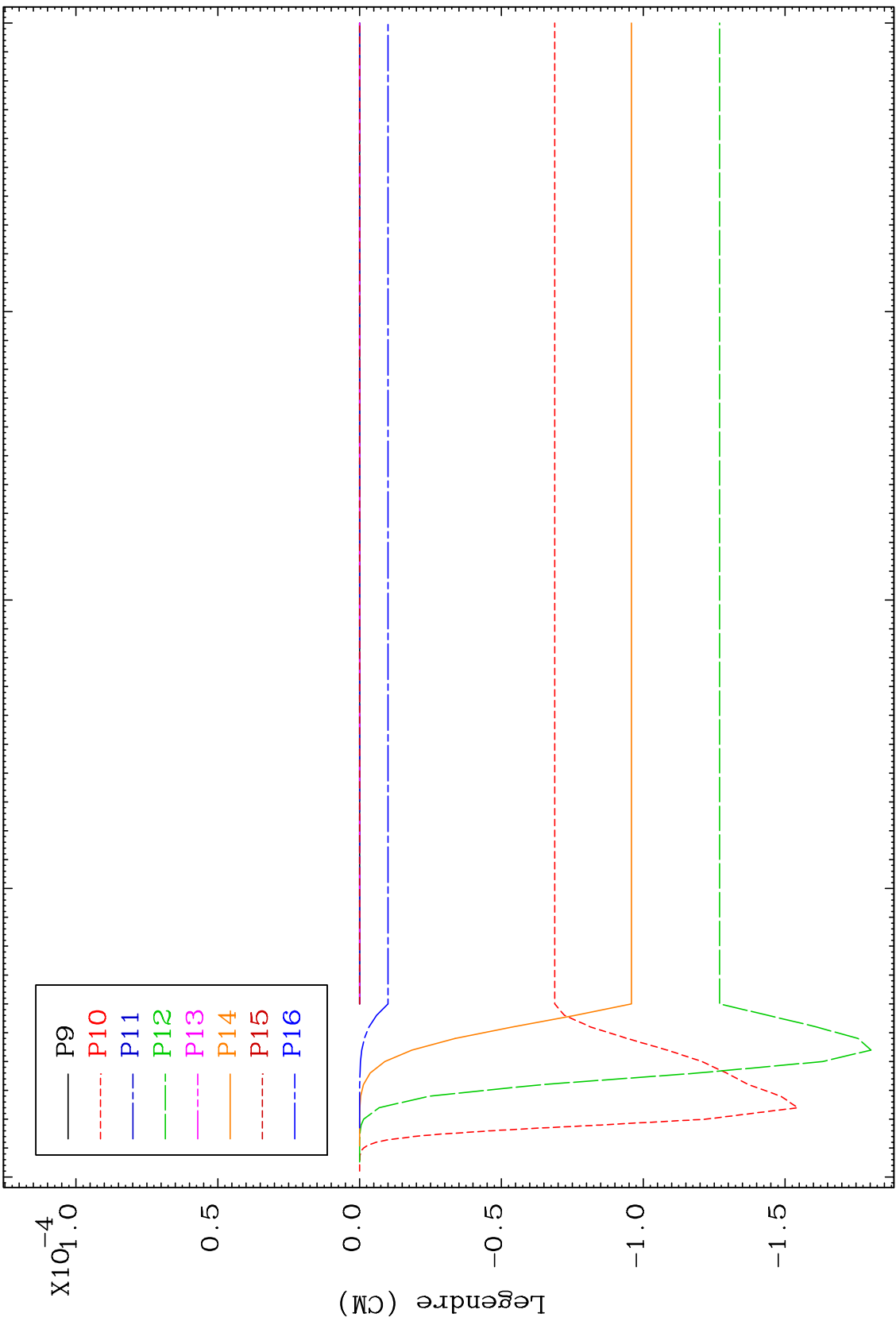
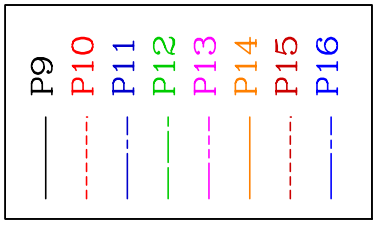
28-Ni-59



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339.4 keV (n,n') Level
Legendre Coefficients

28-Ni-59



200

150

100

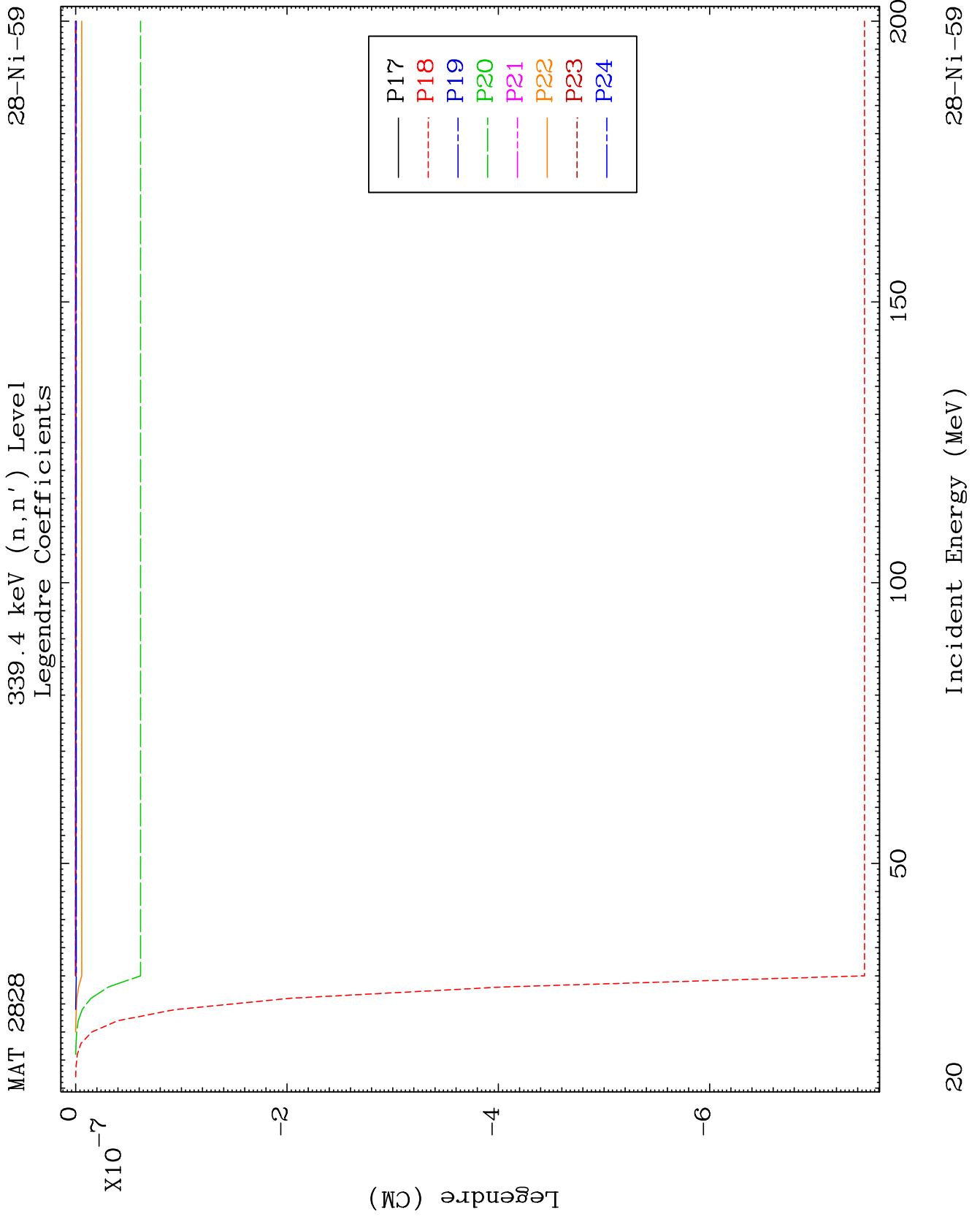
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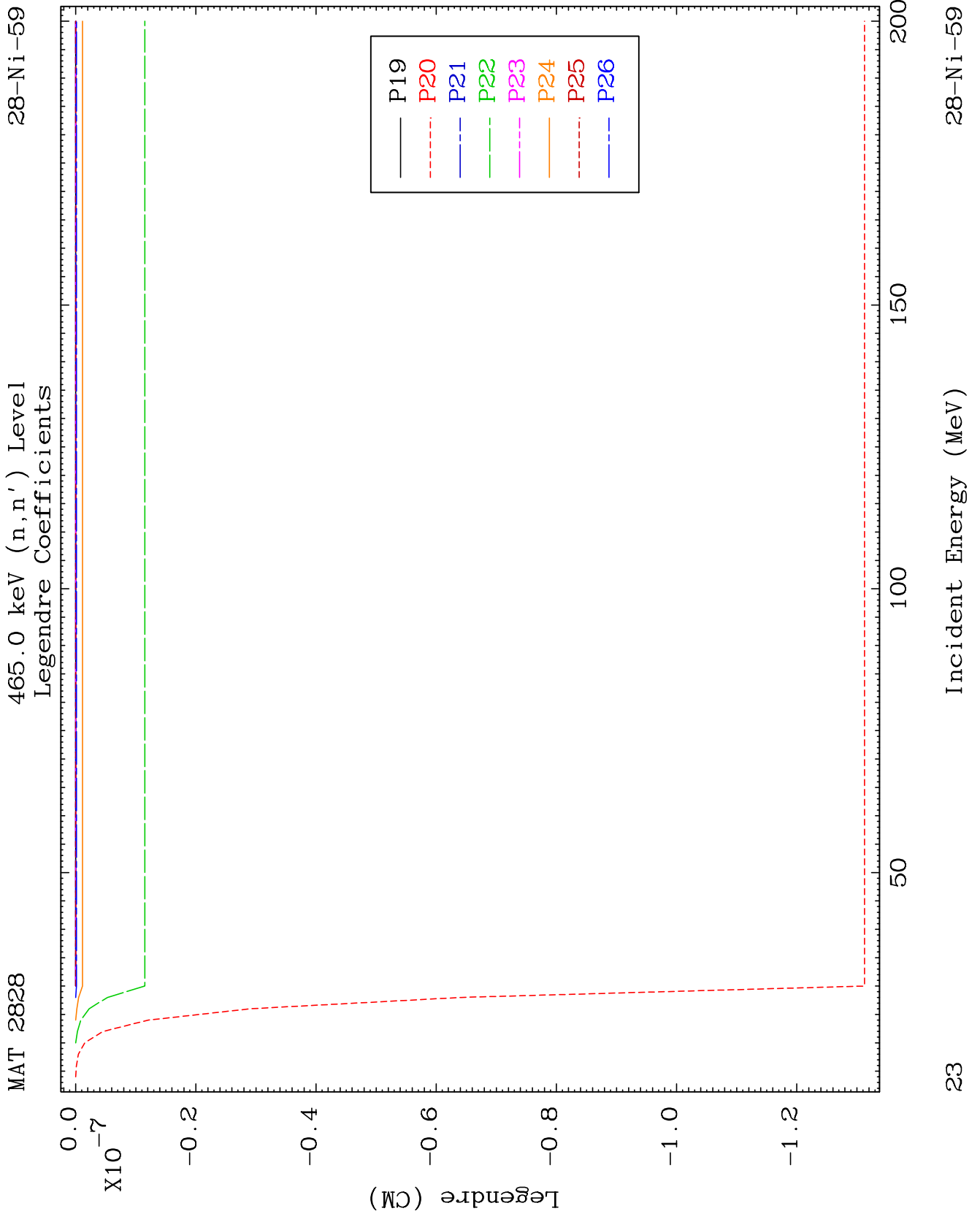
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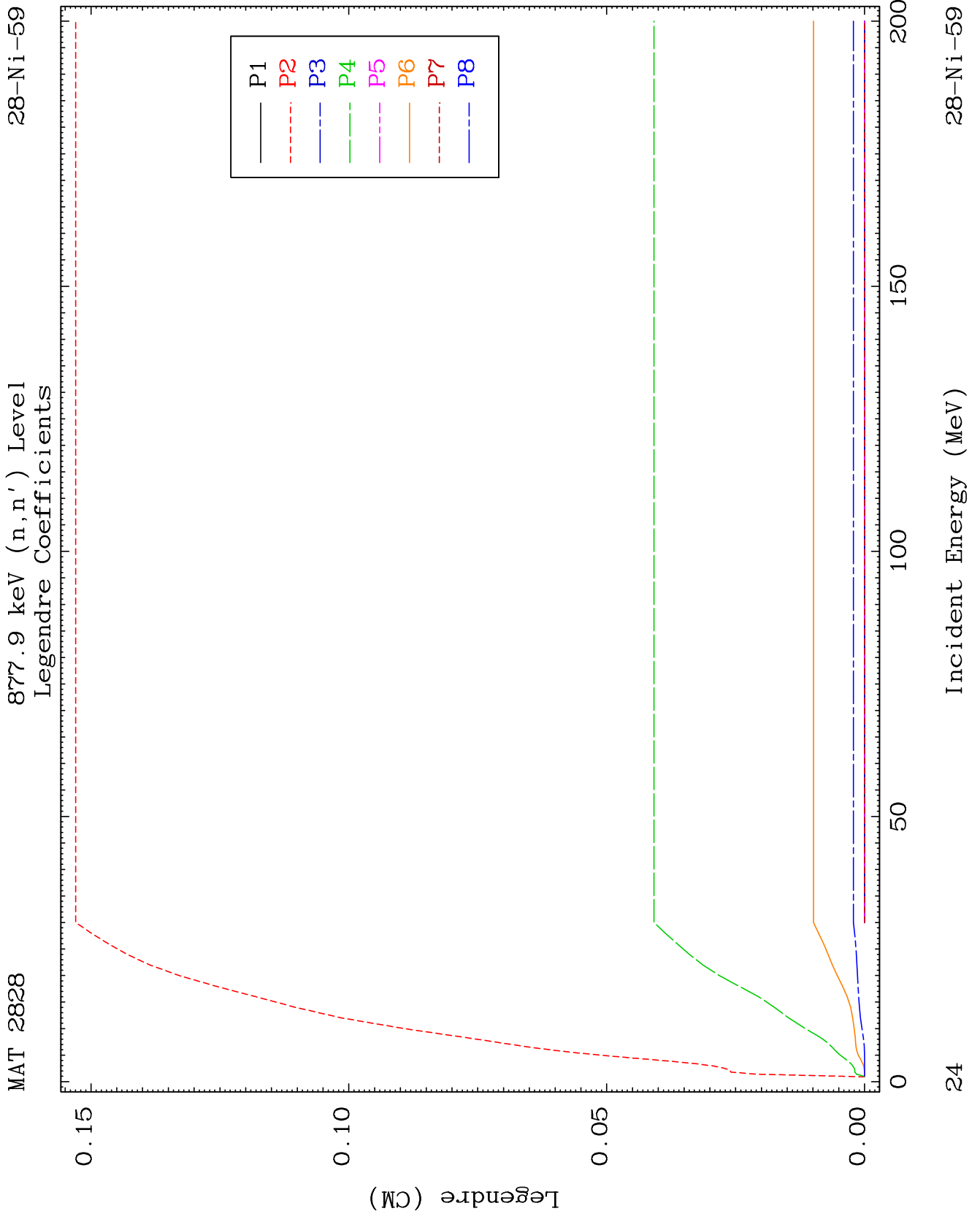
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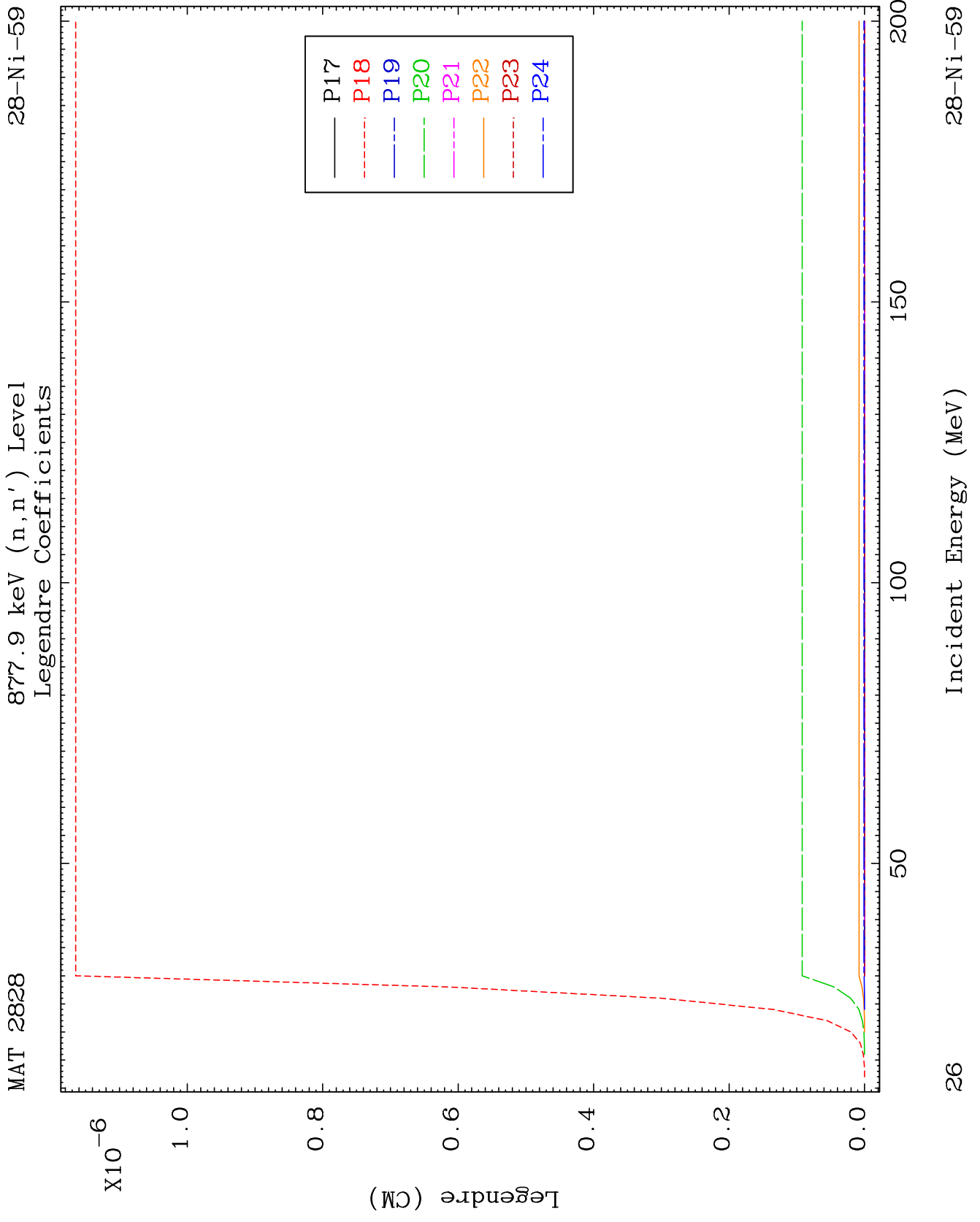
Incident Energy (MeV)

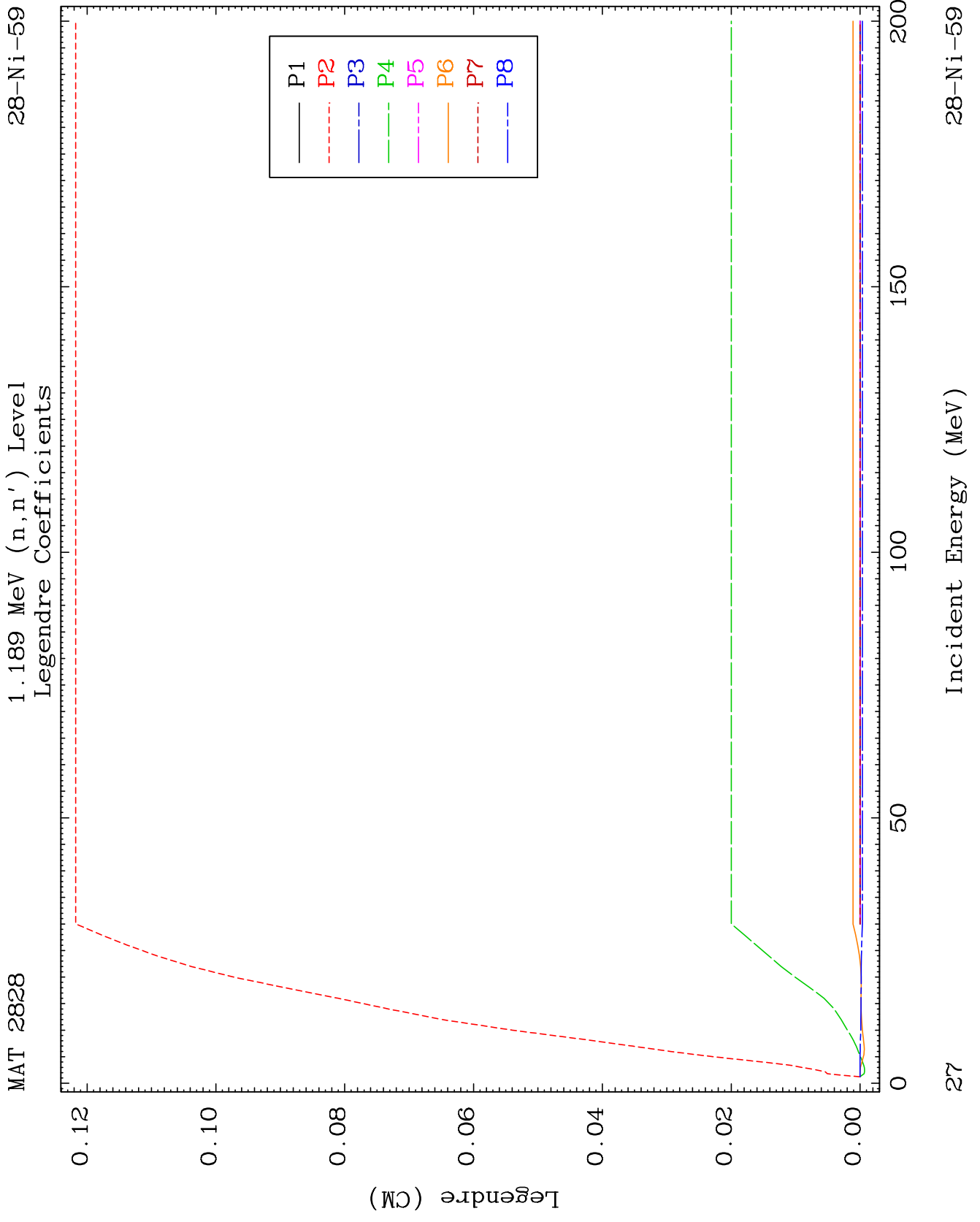
28-Ni-59







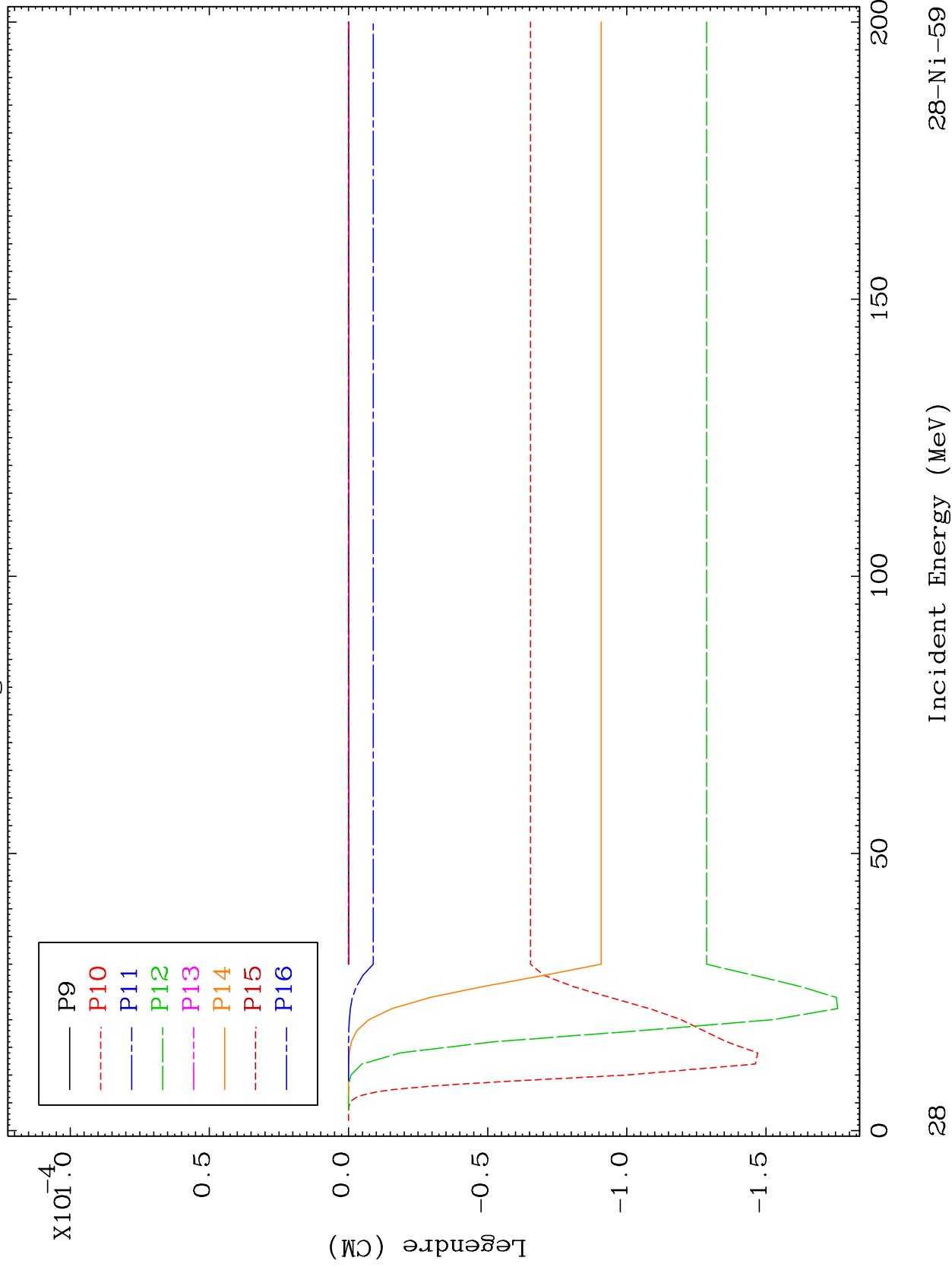


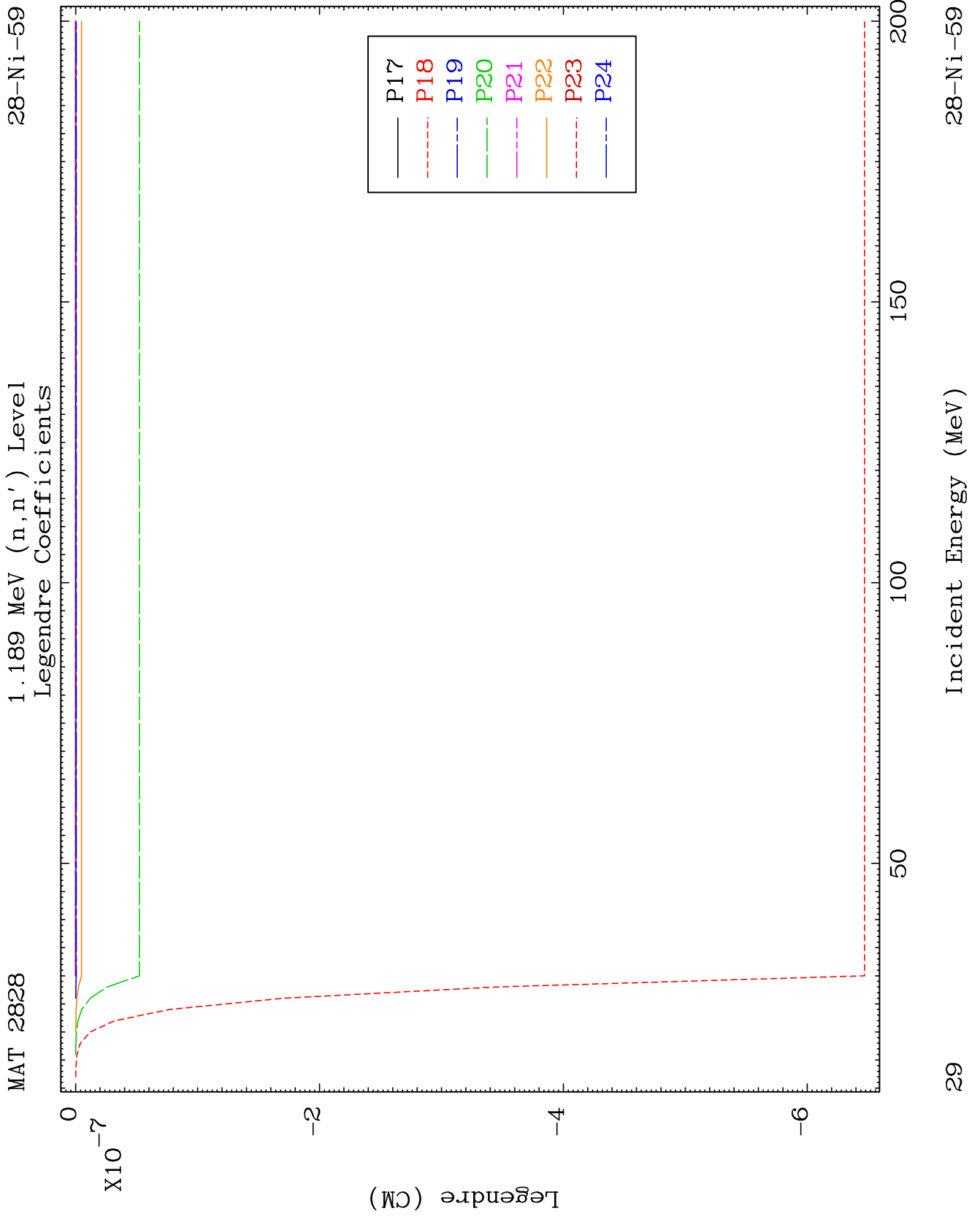


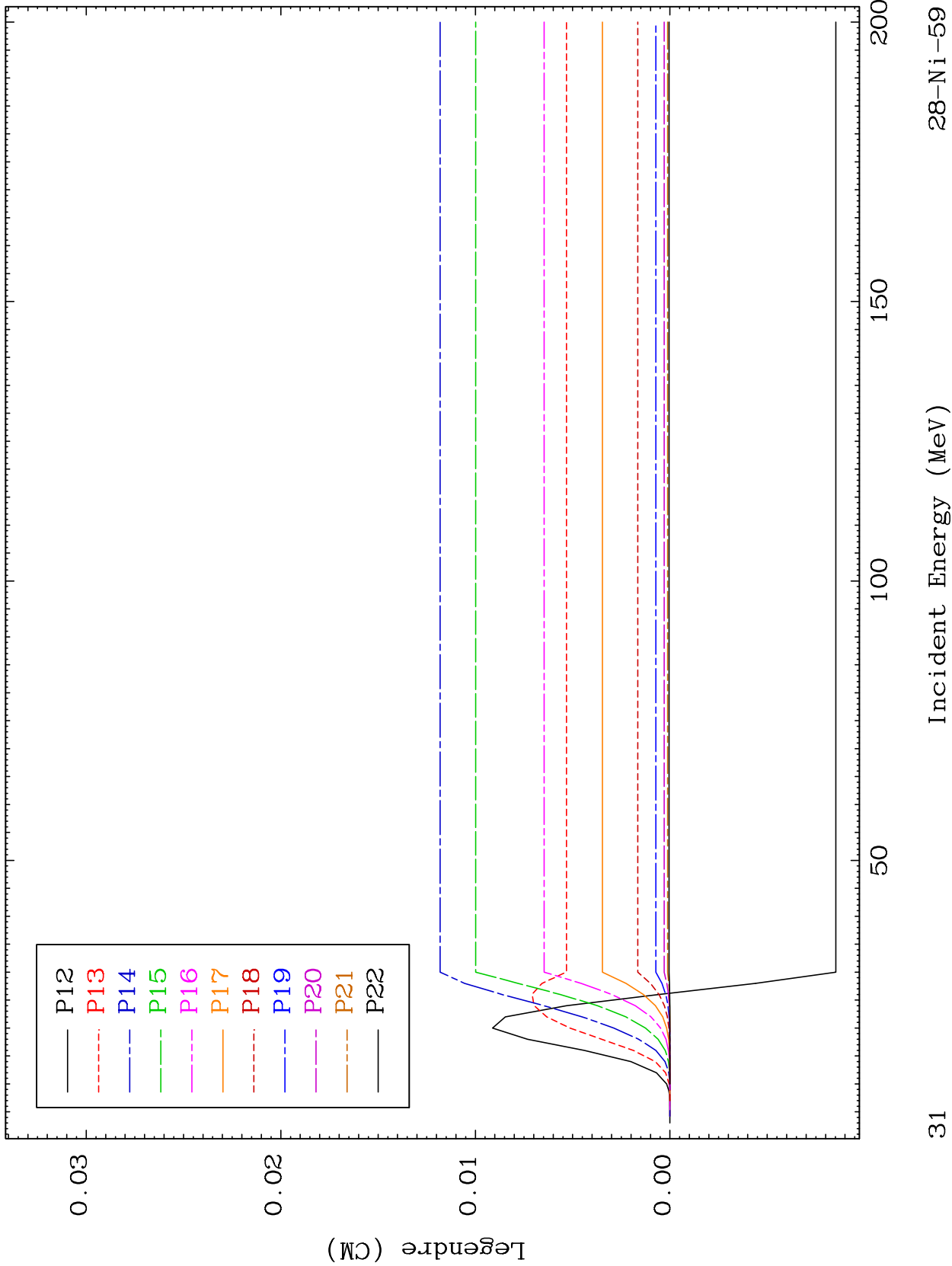
MAT 2828

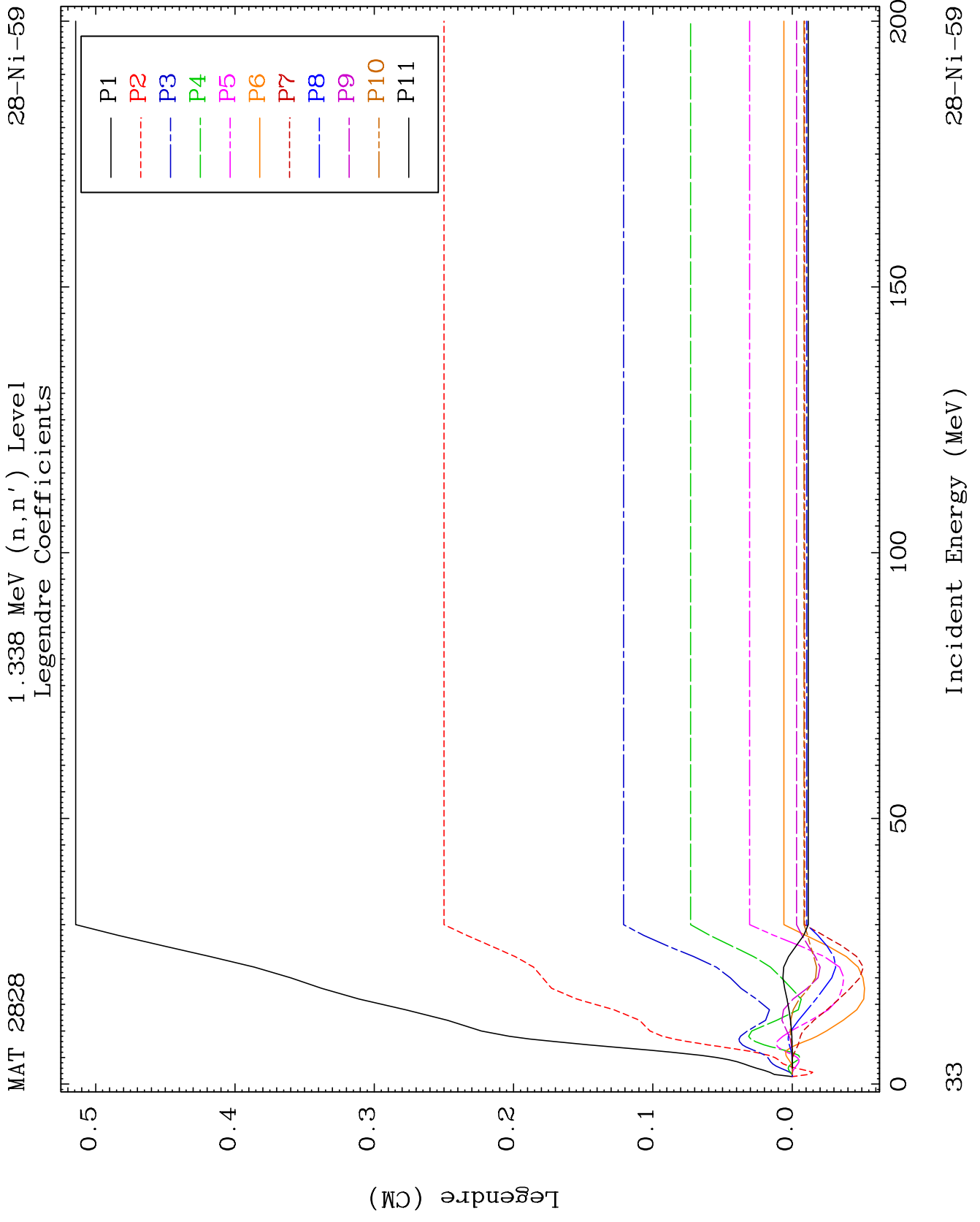
1.189 MeV (n,n') Level
Legendre Coefficients

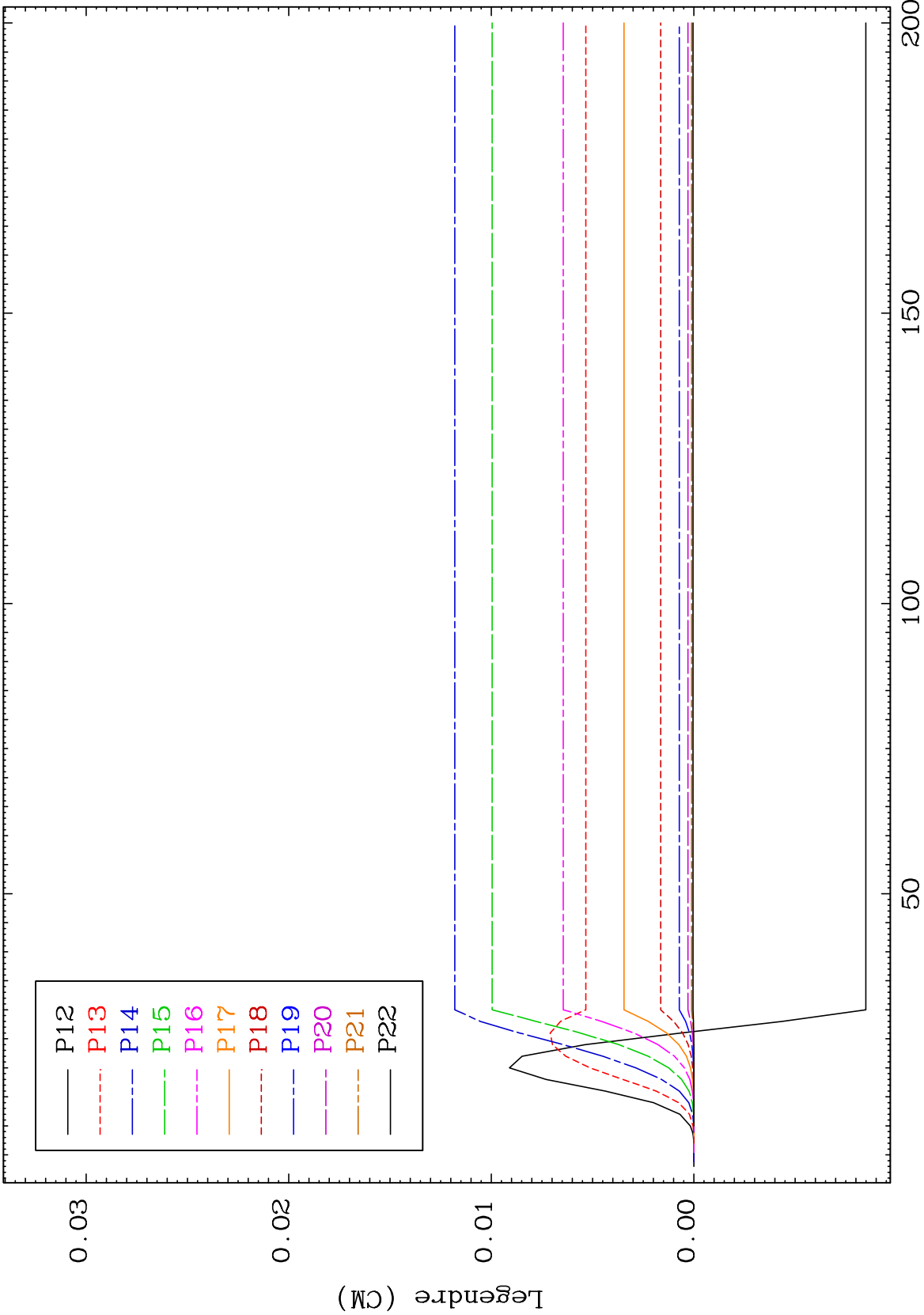
28-Ni-59

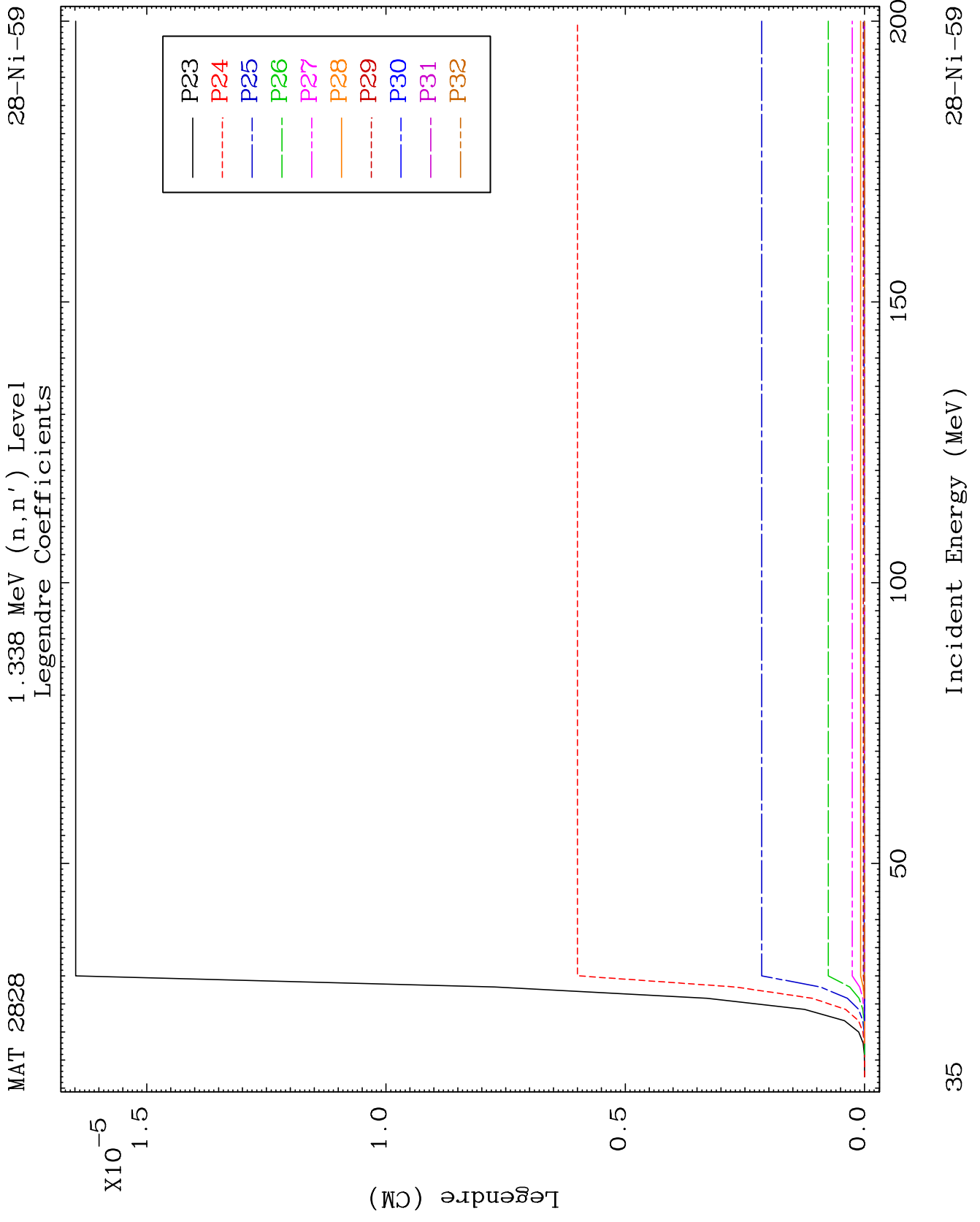


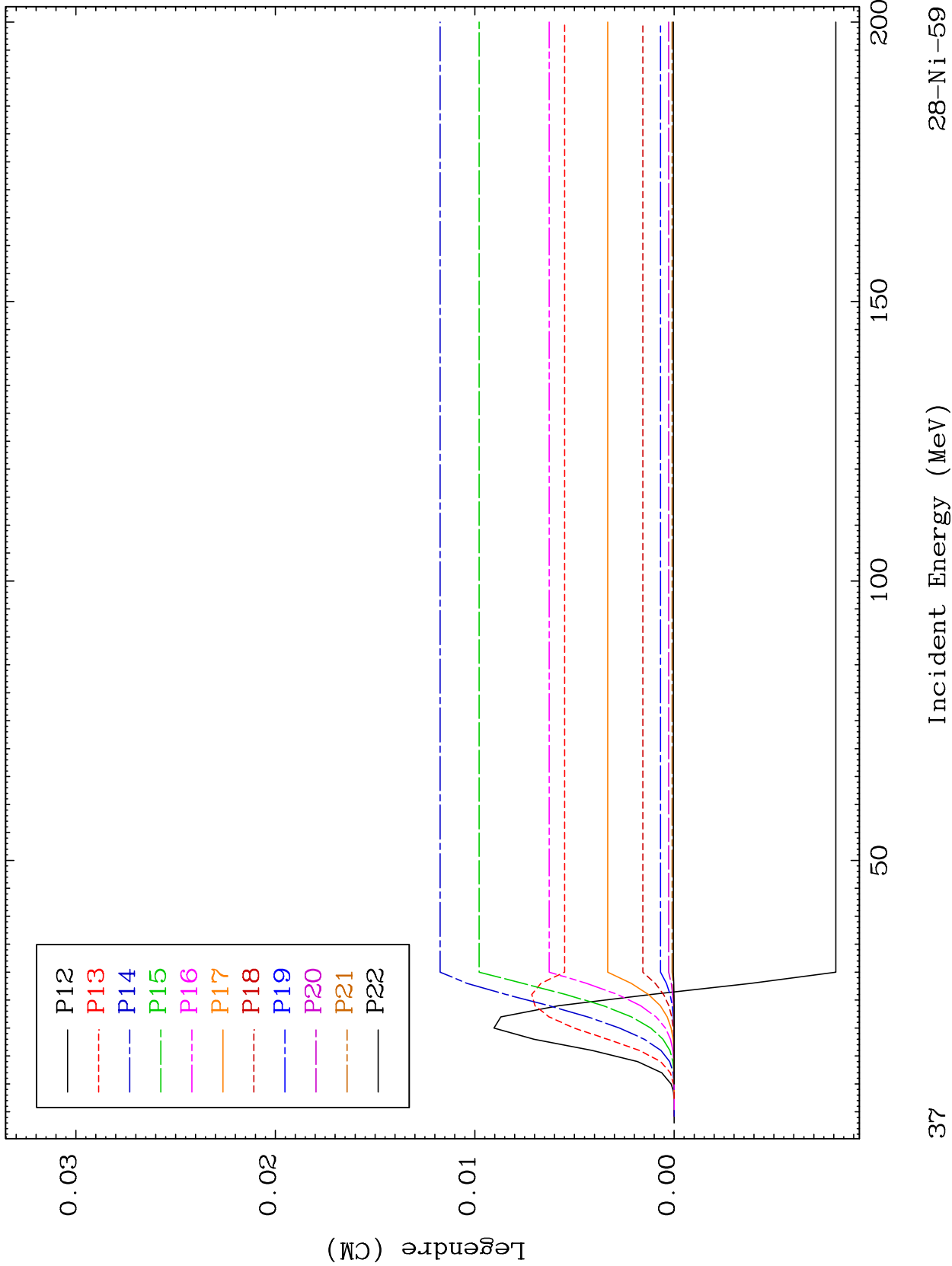


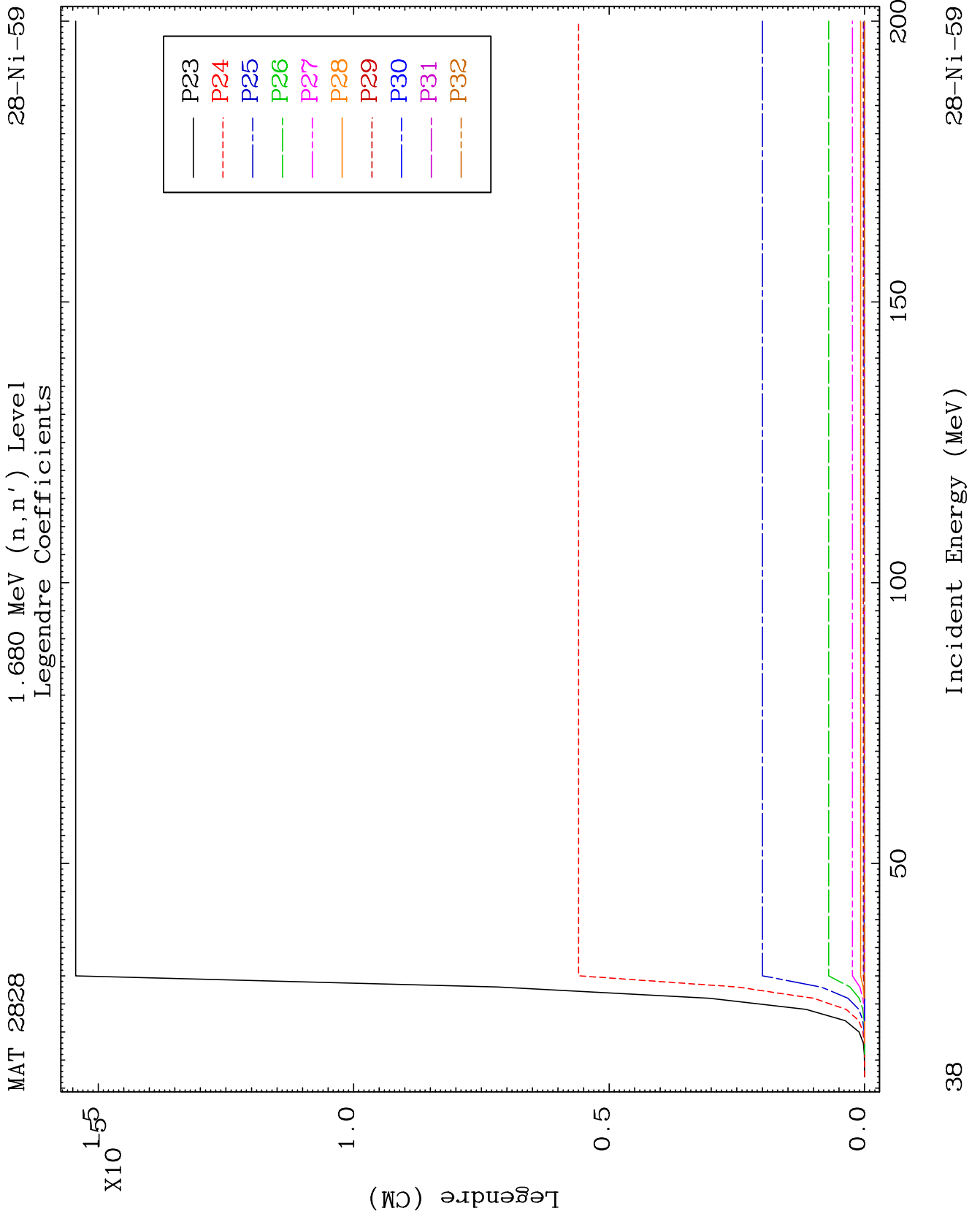








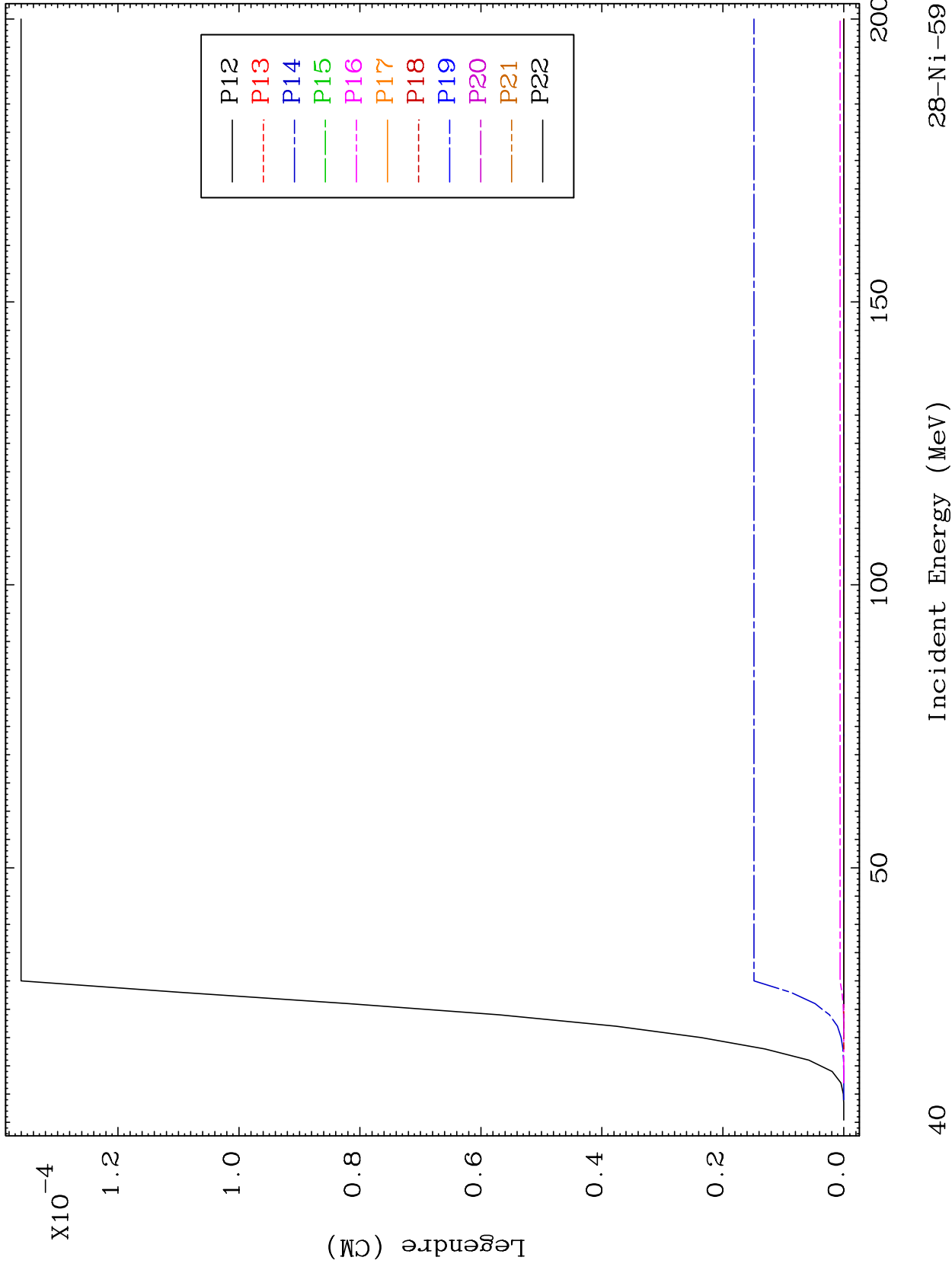


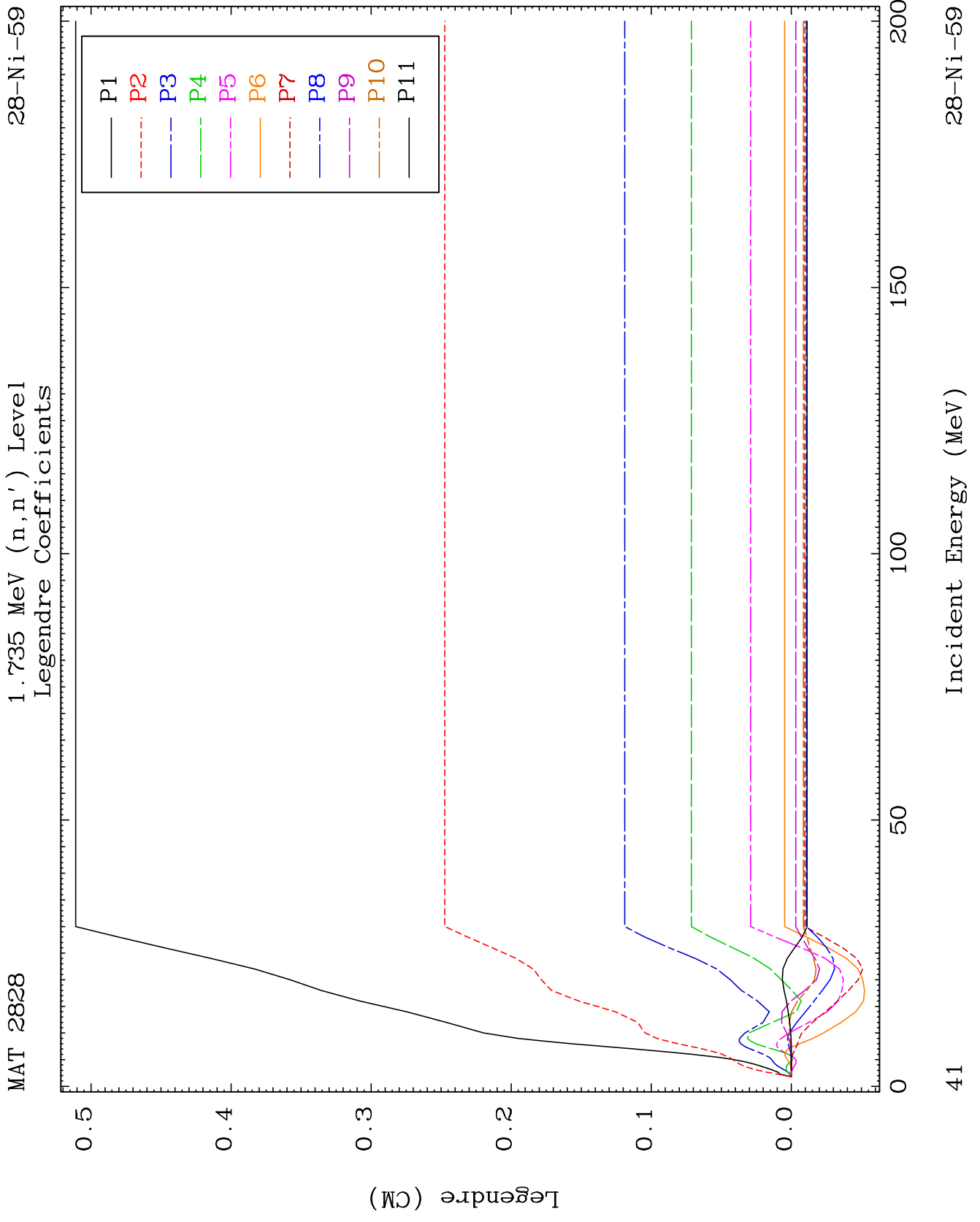


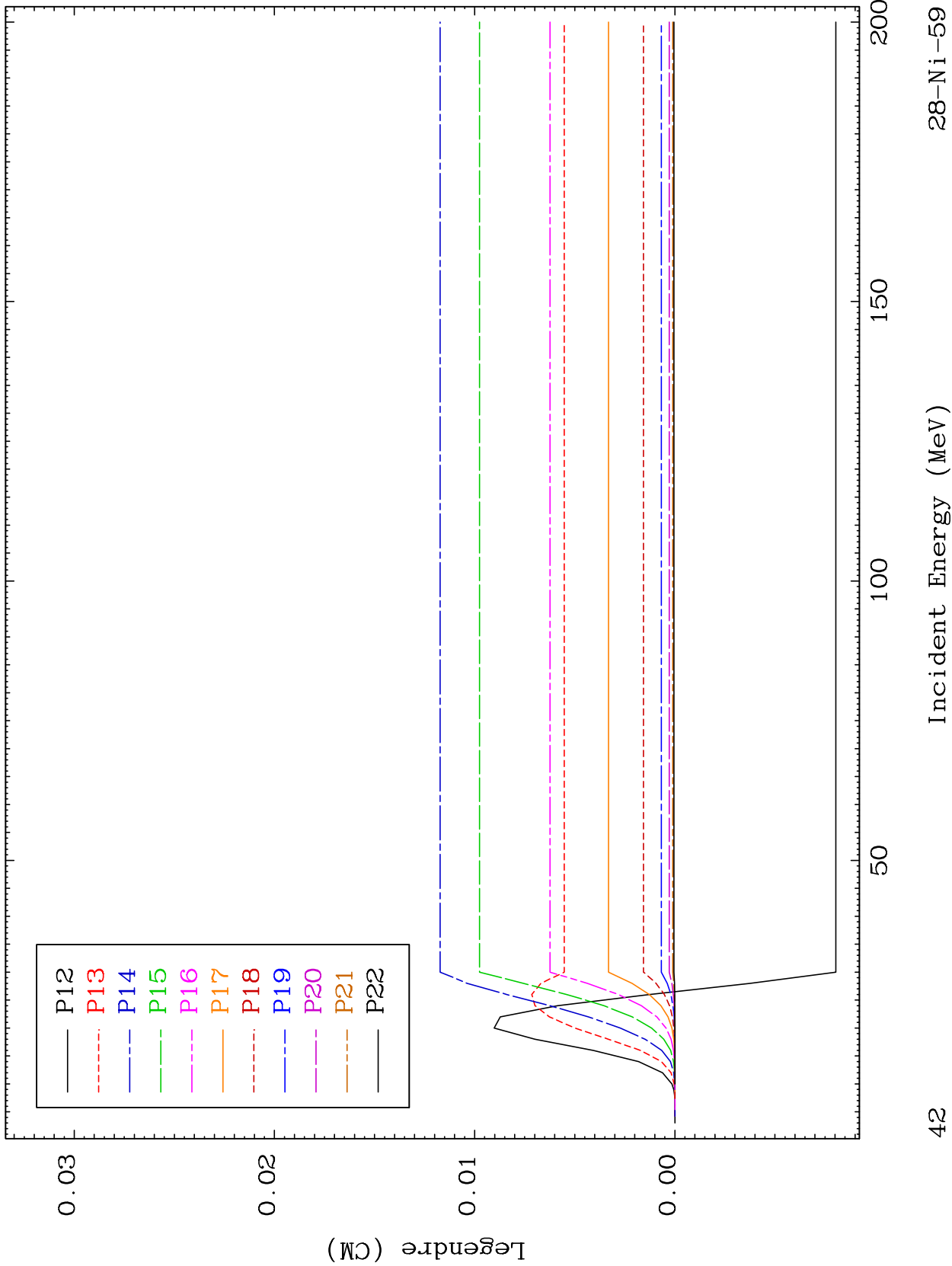
MAT 2828

1.695 MeV (n,n') Level
Legendre Coefficients

28-Ni-59



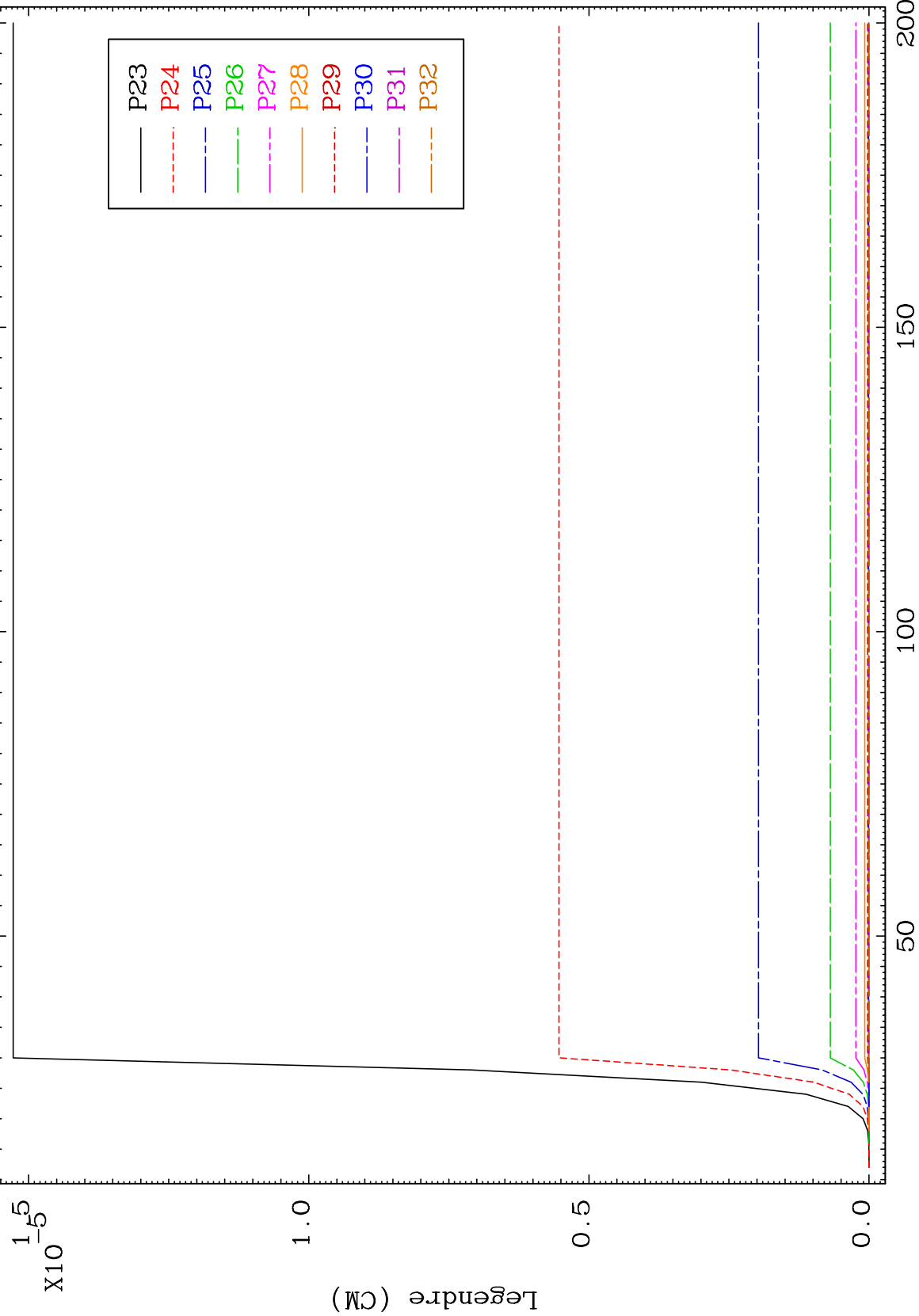




MAT 2828

1.735 MeV (n,n') Level
Legendre Coefficients

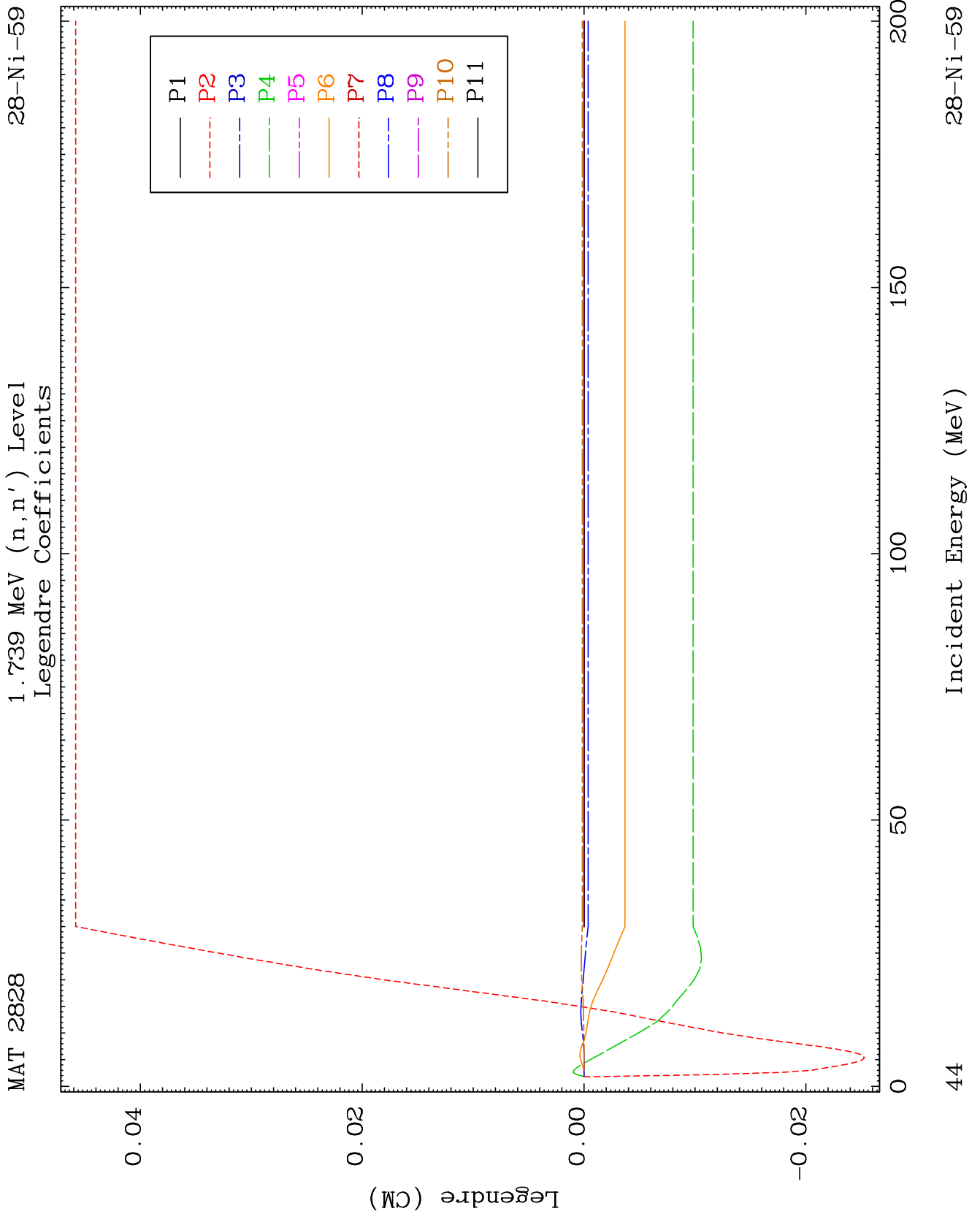
28-Ni-59



43

Incident Energy (MeV)

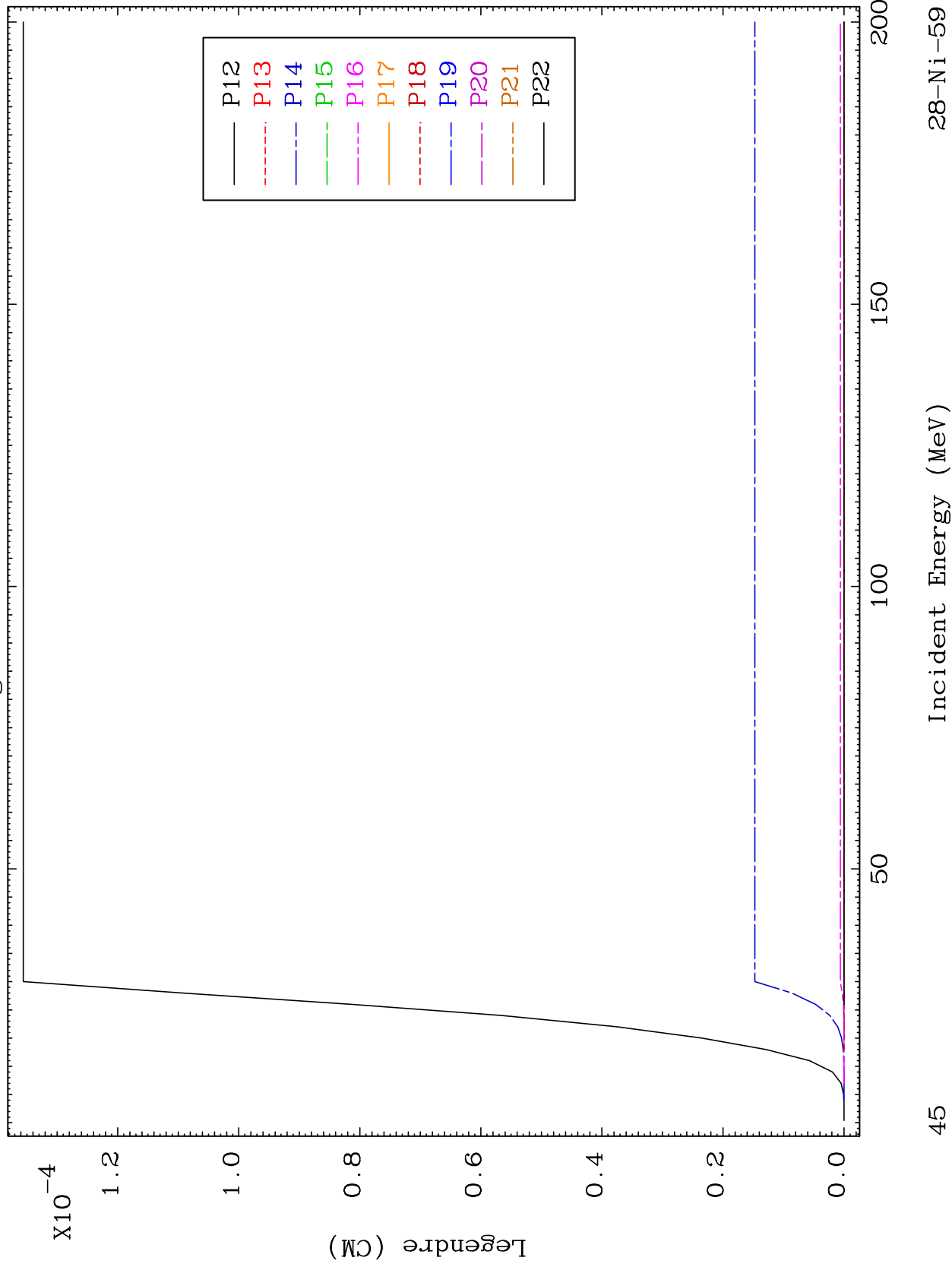
28-Ni-59

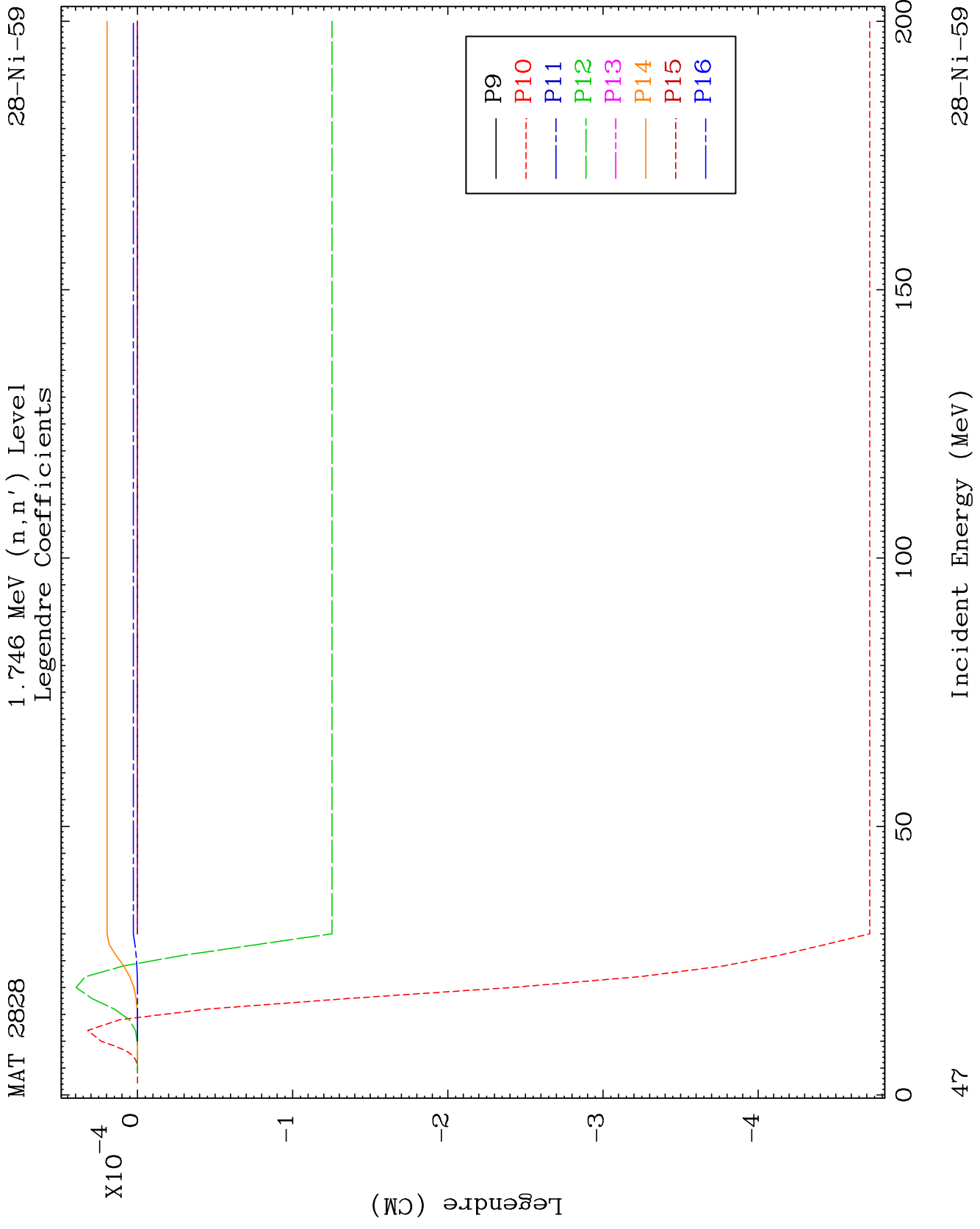


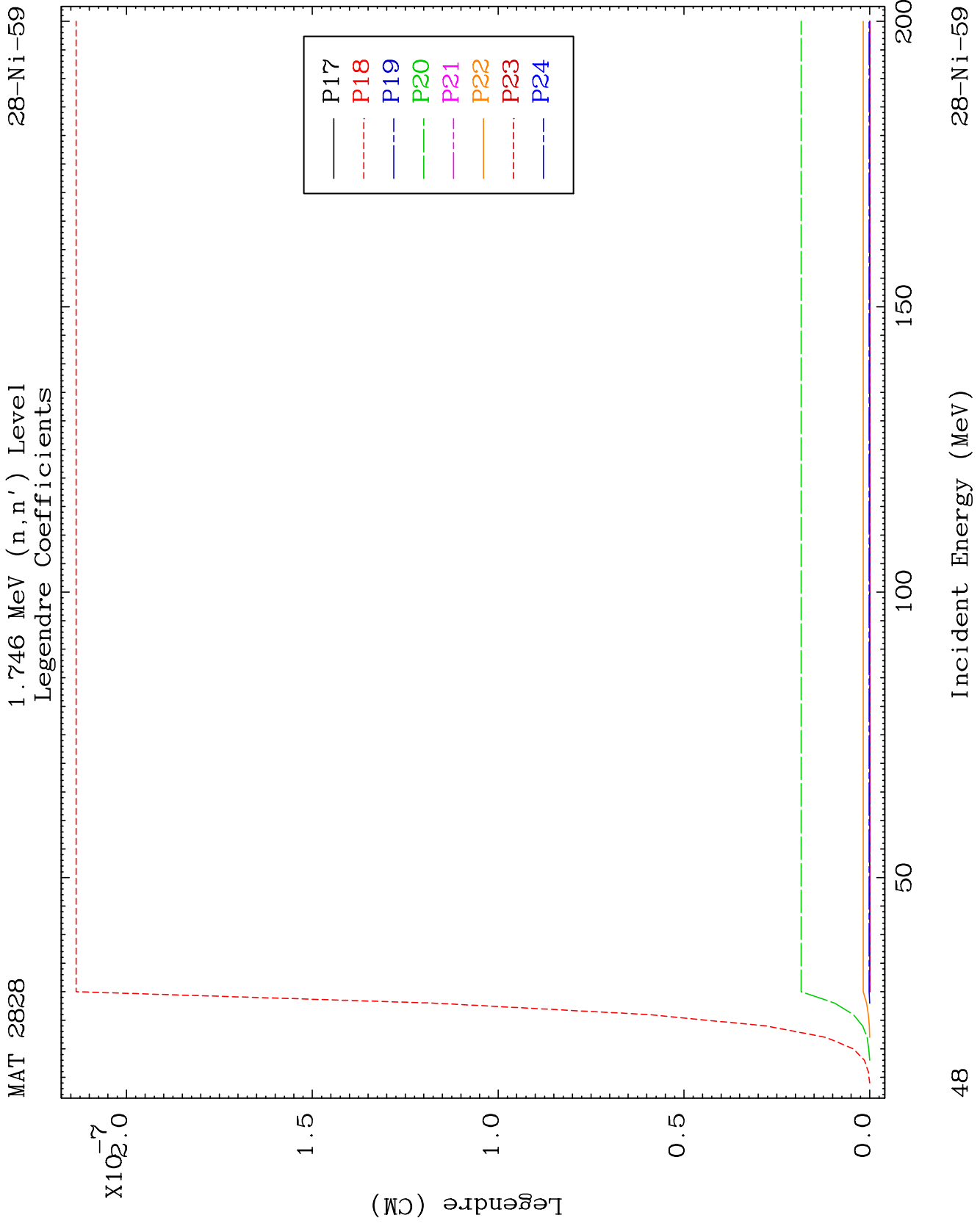
MAT 2828

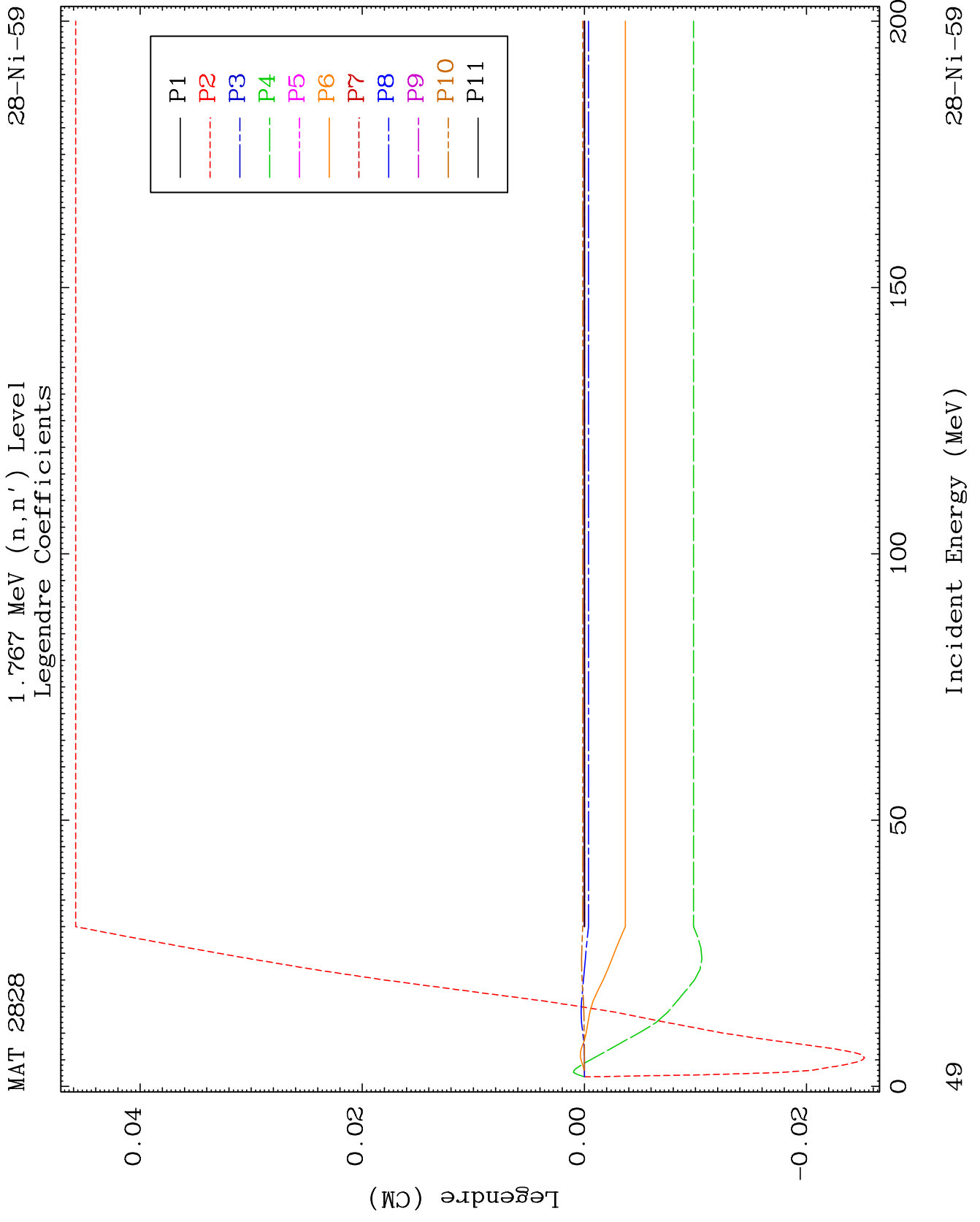
1.739 MeV (n,n') Level
Legendre Coefficients

28-Ni-59





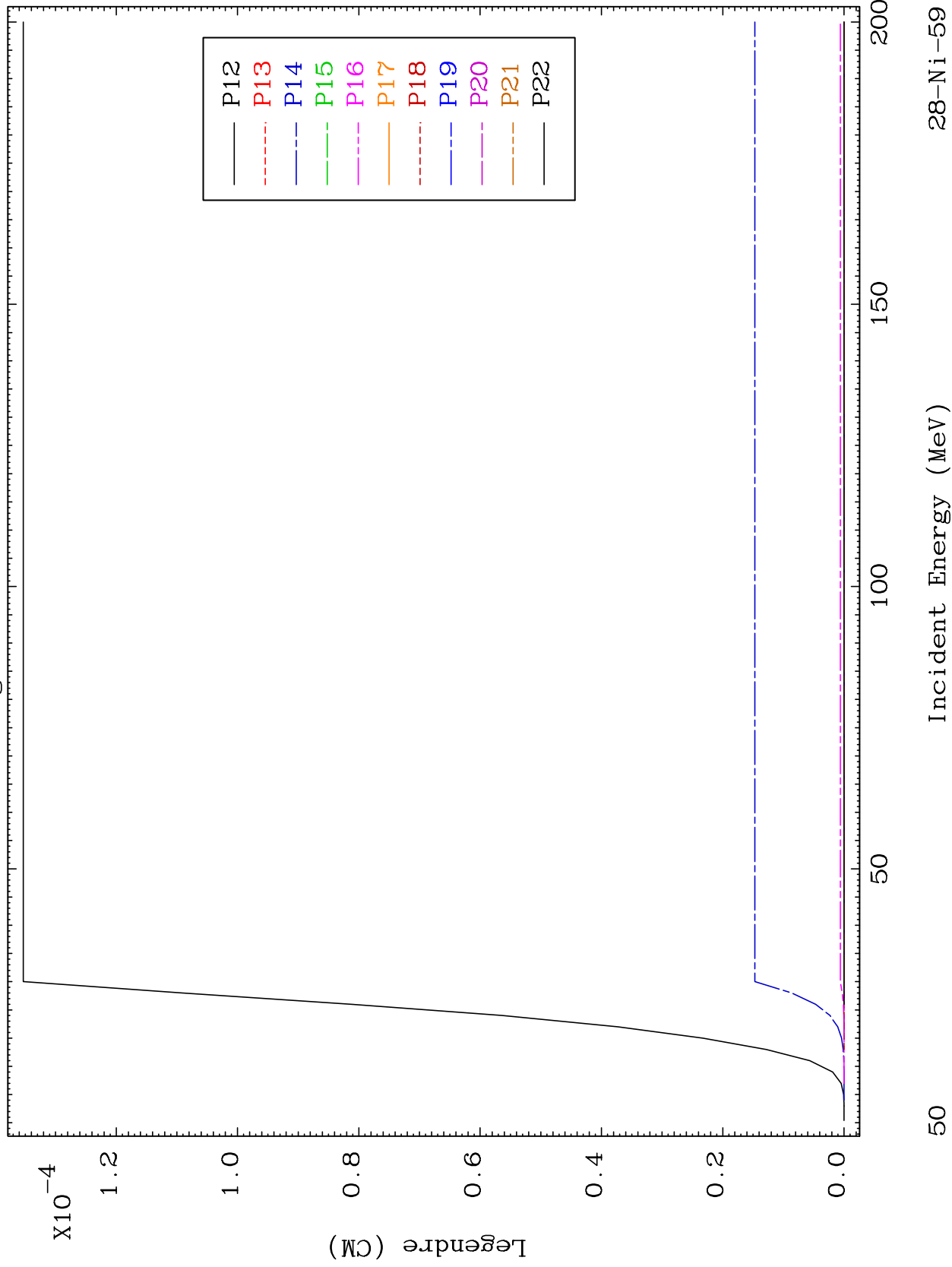


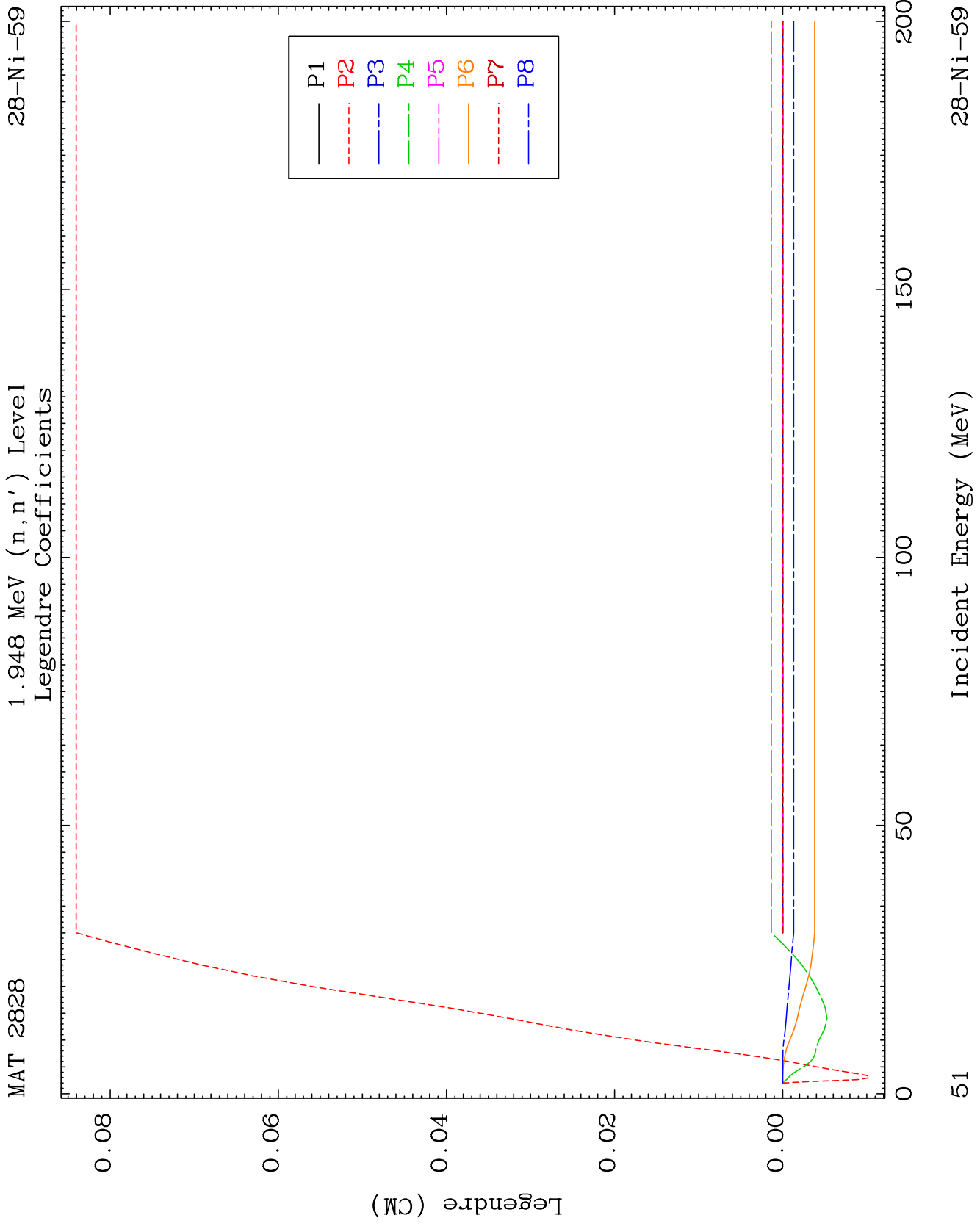


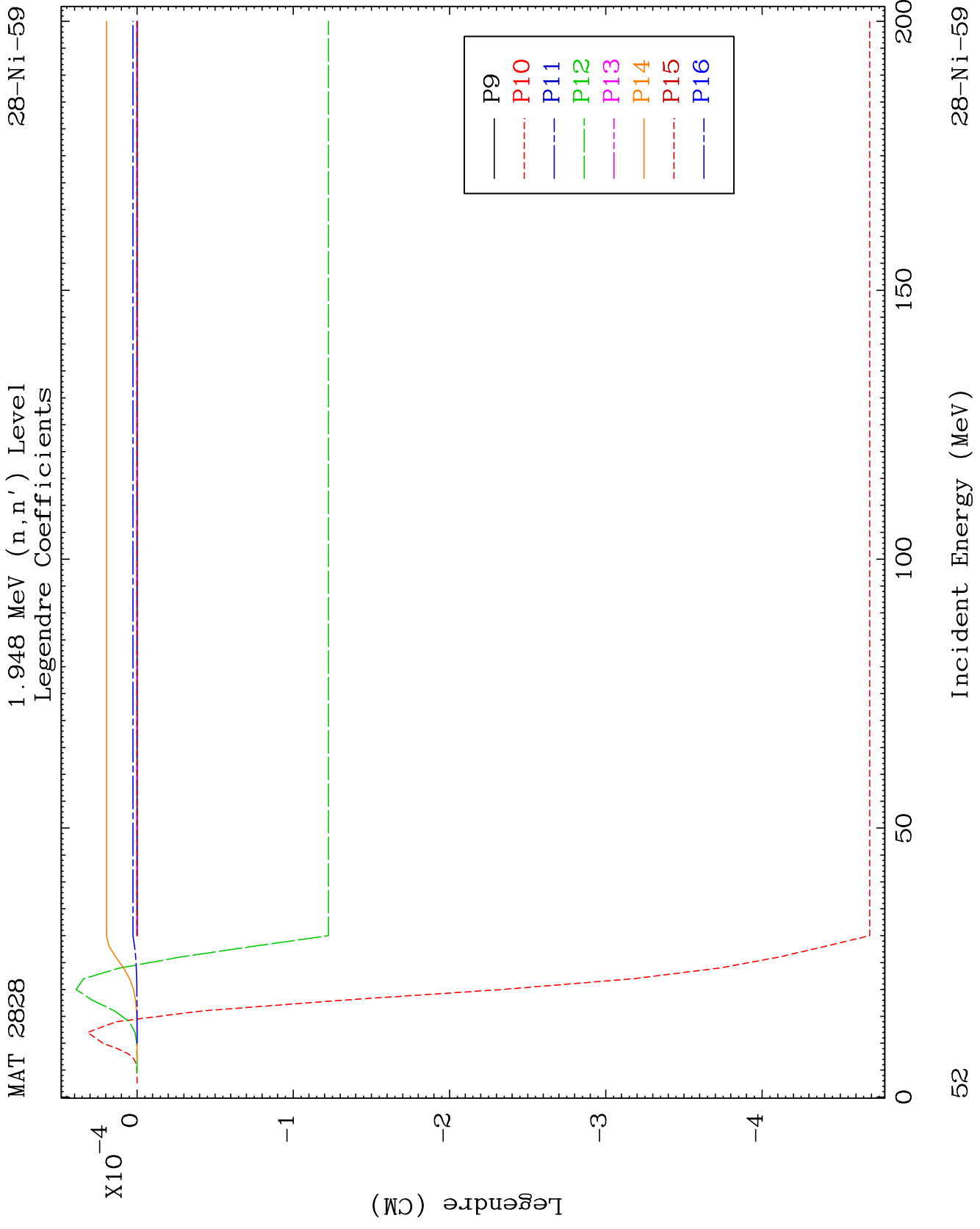
MAT 2828

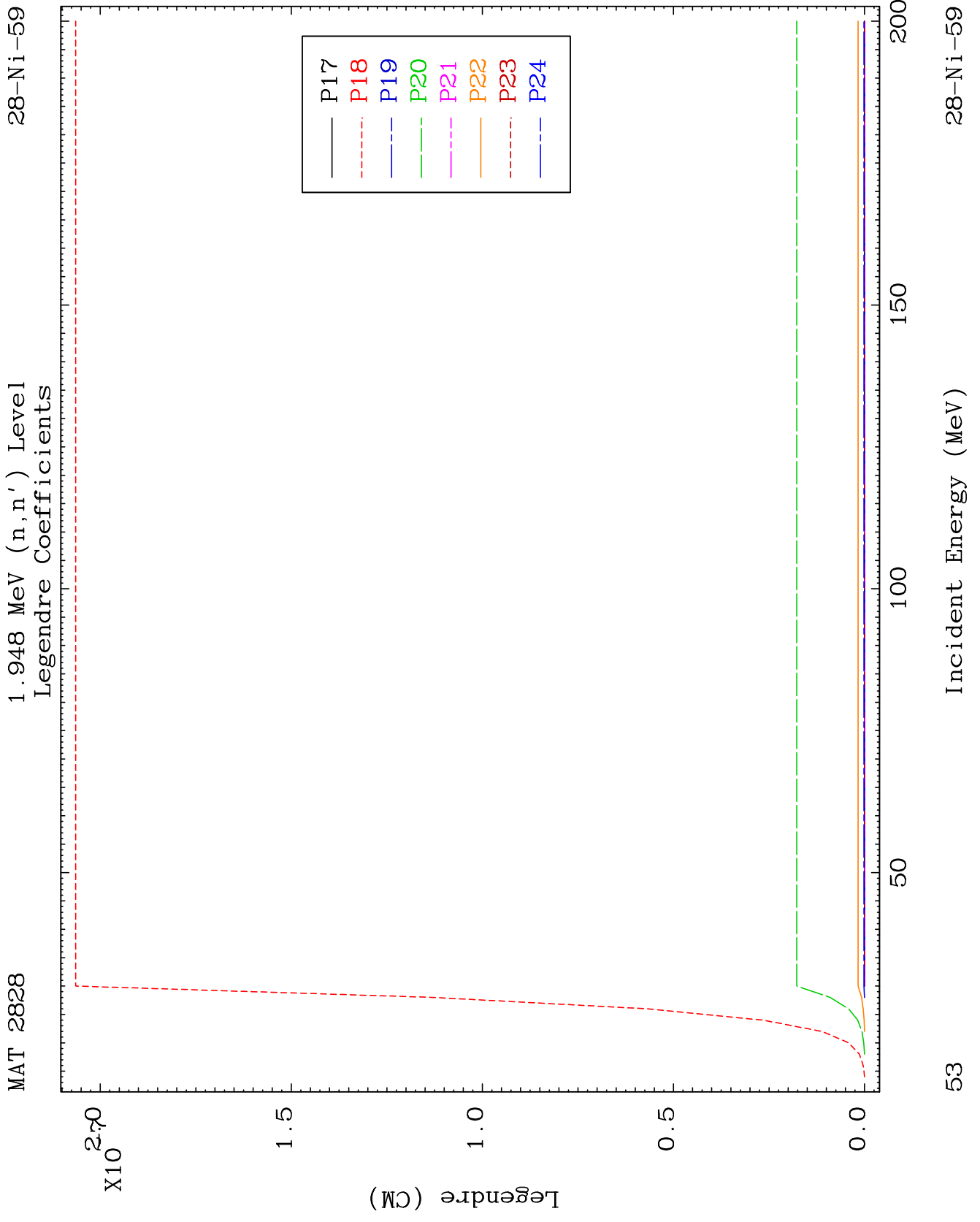
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Legendre Coefficients

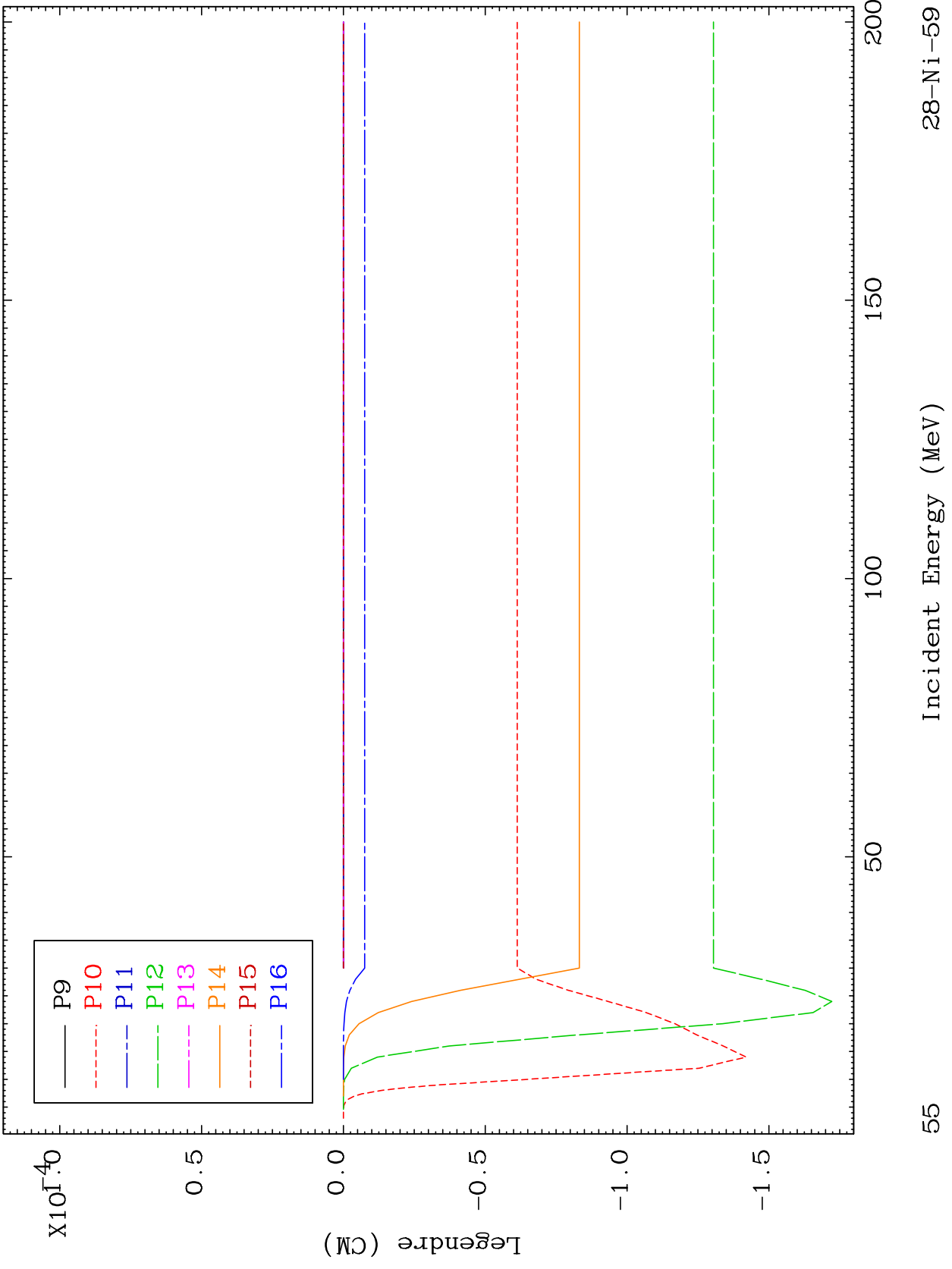
28-Ni-59

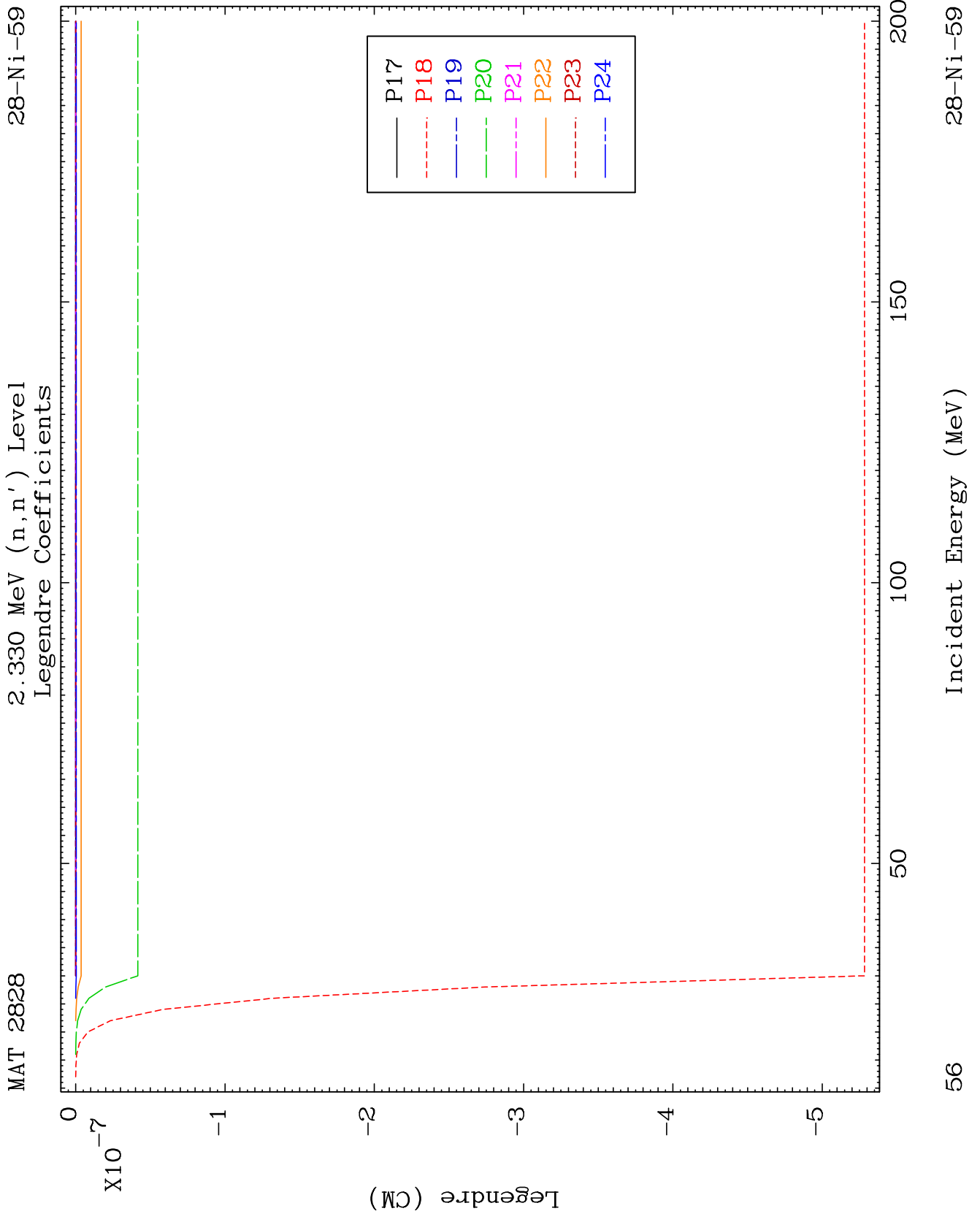


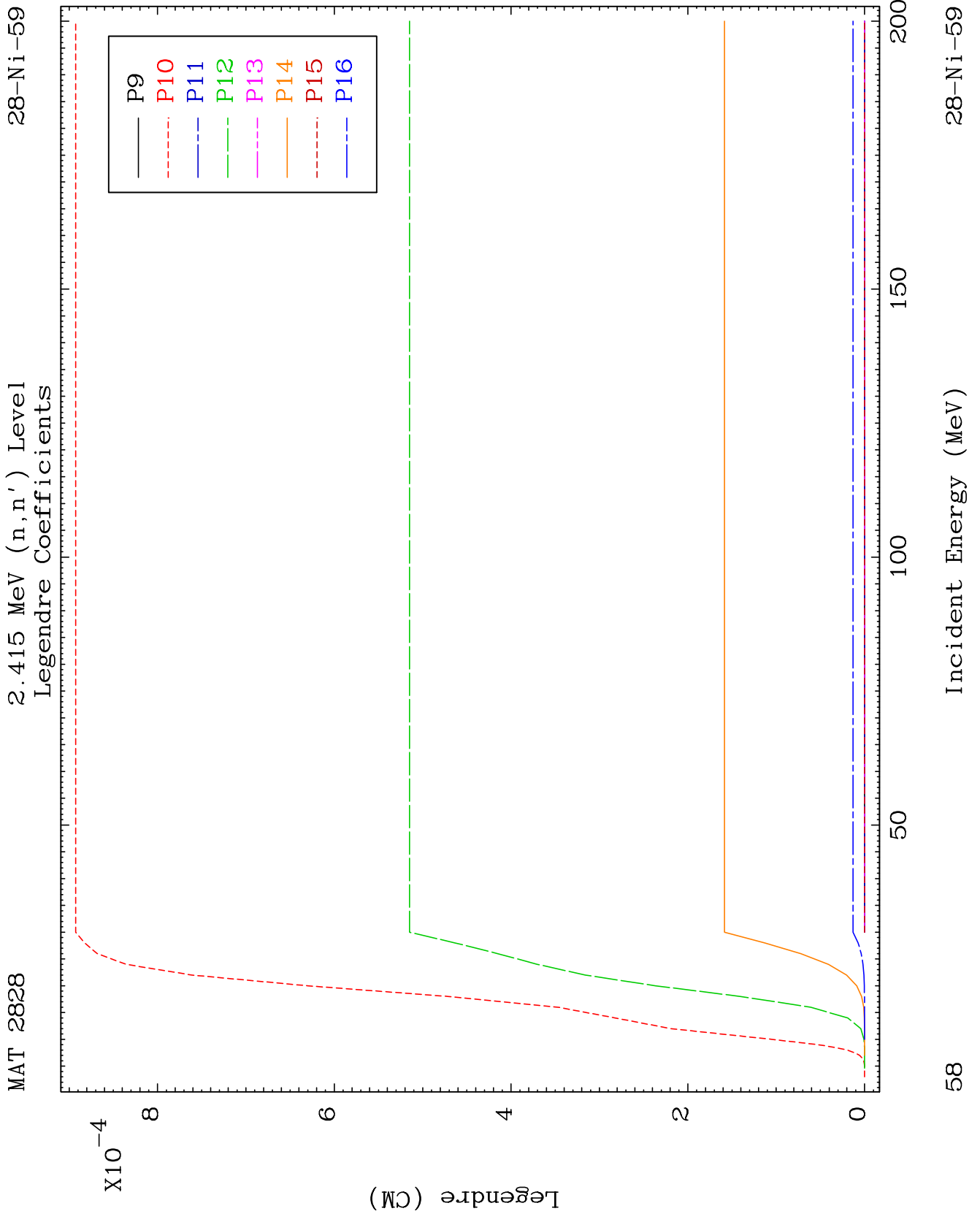


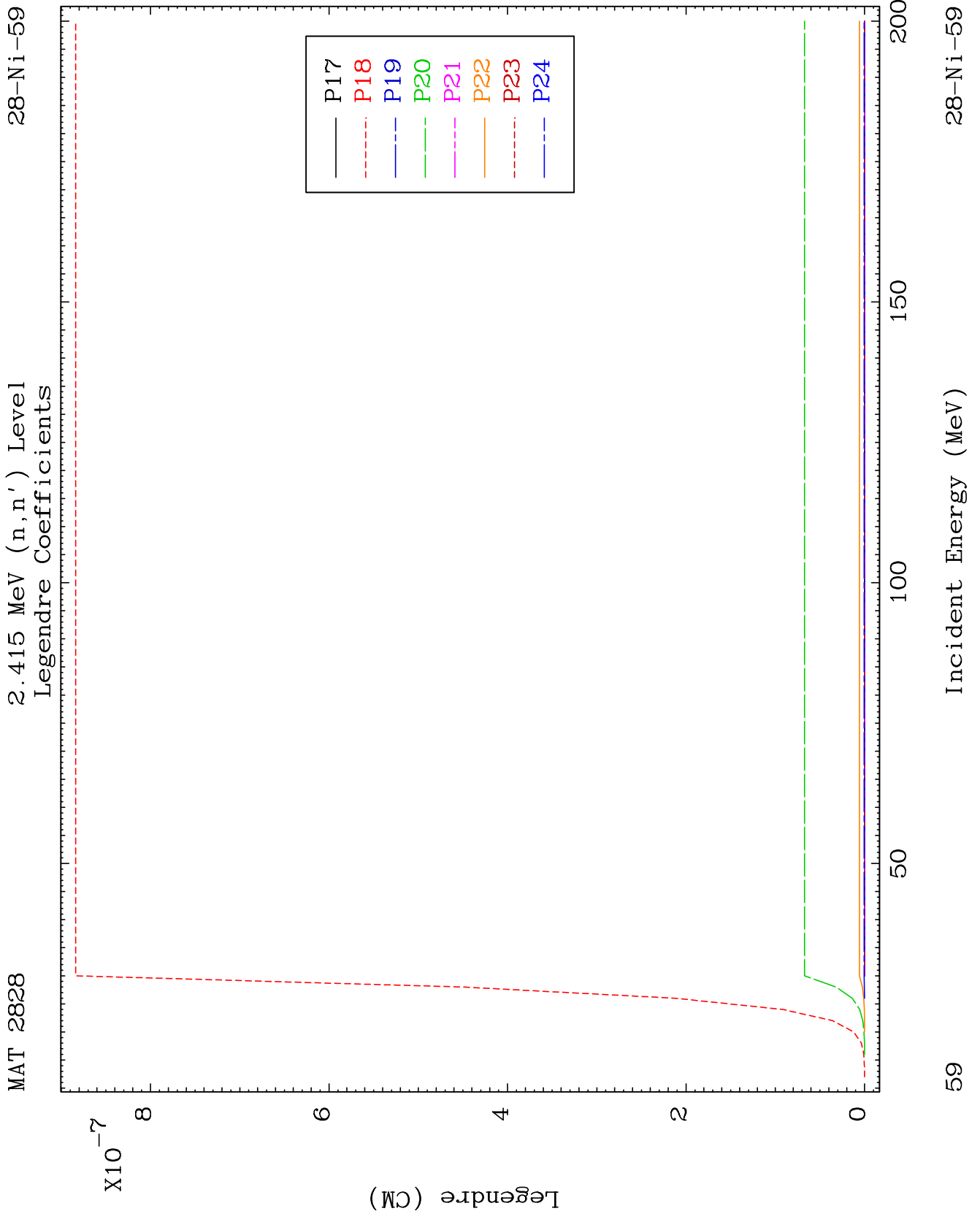


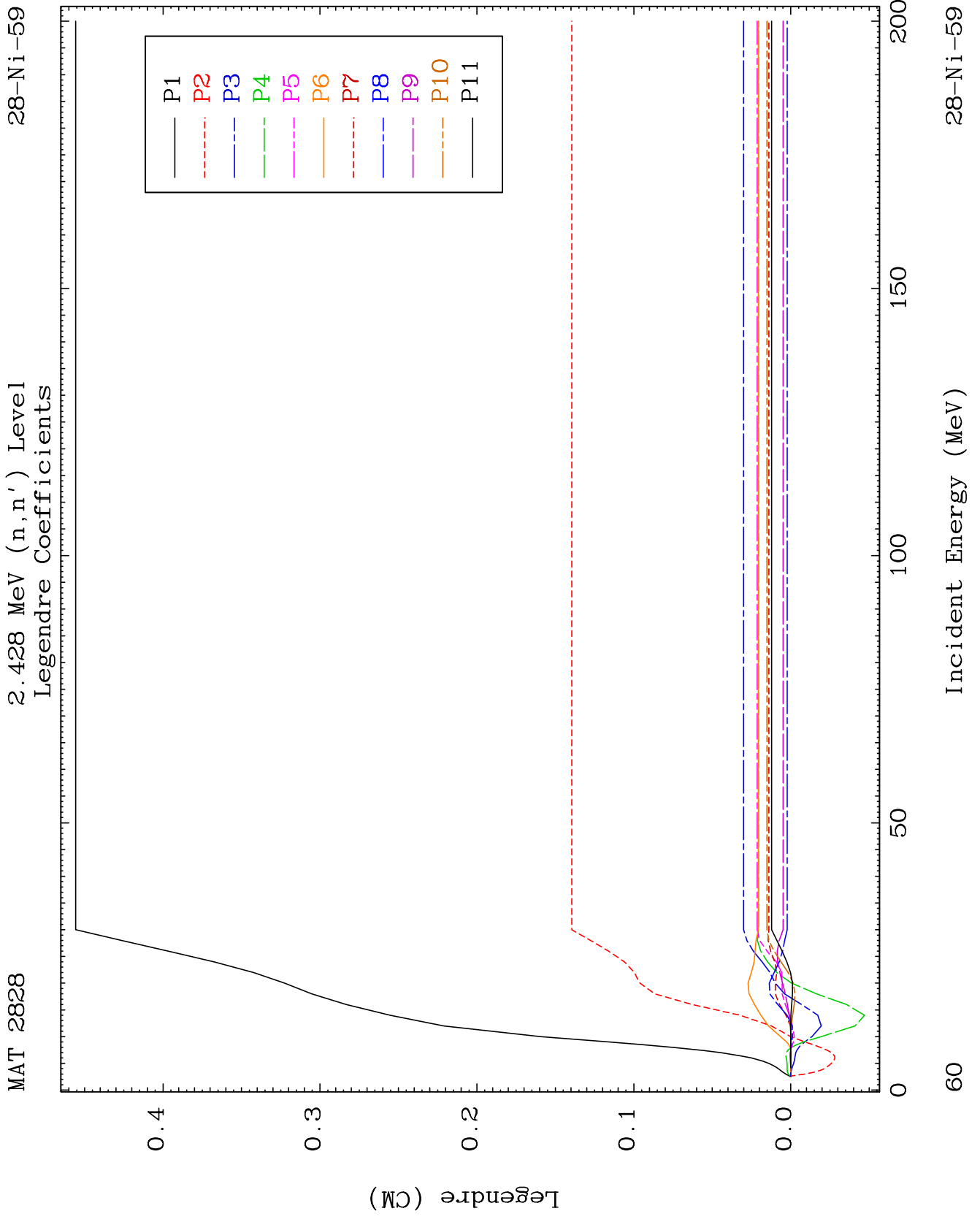


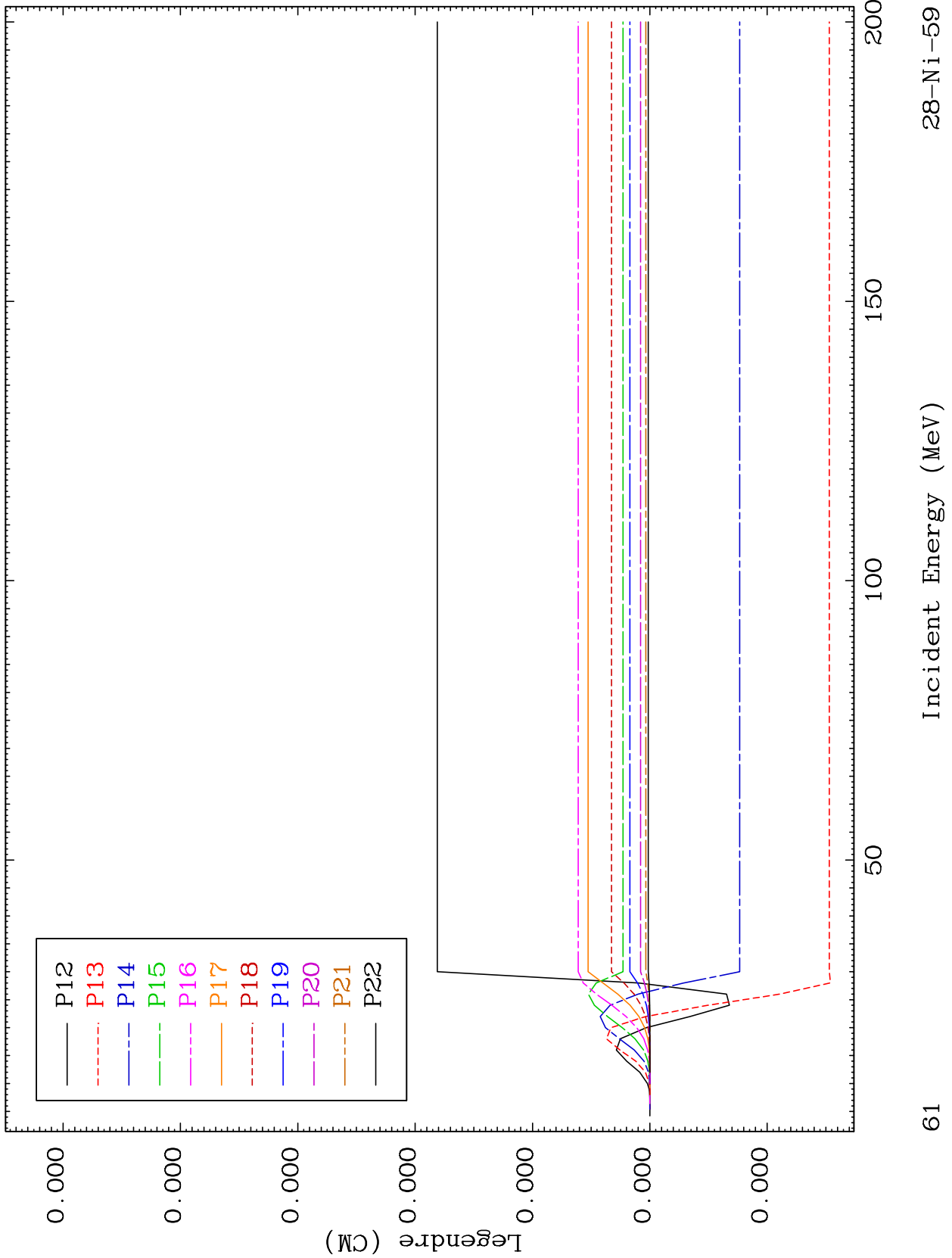








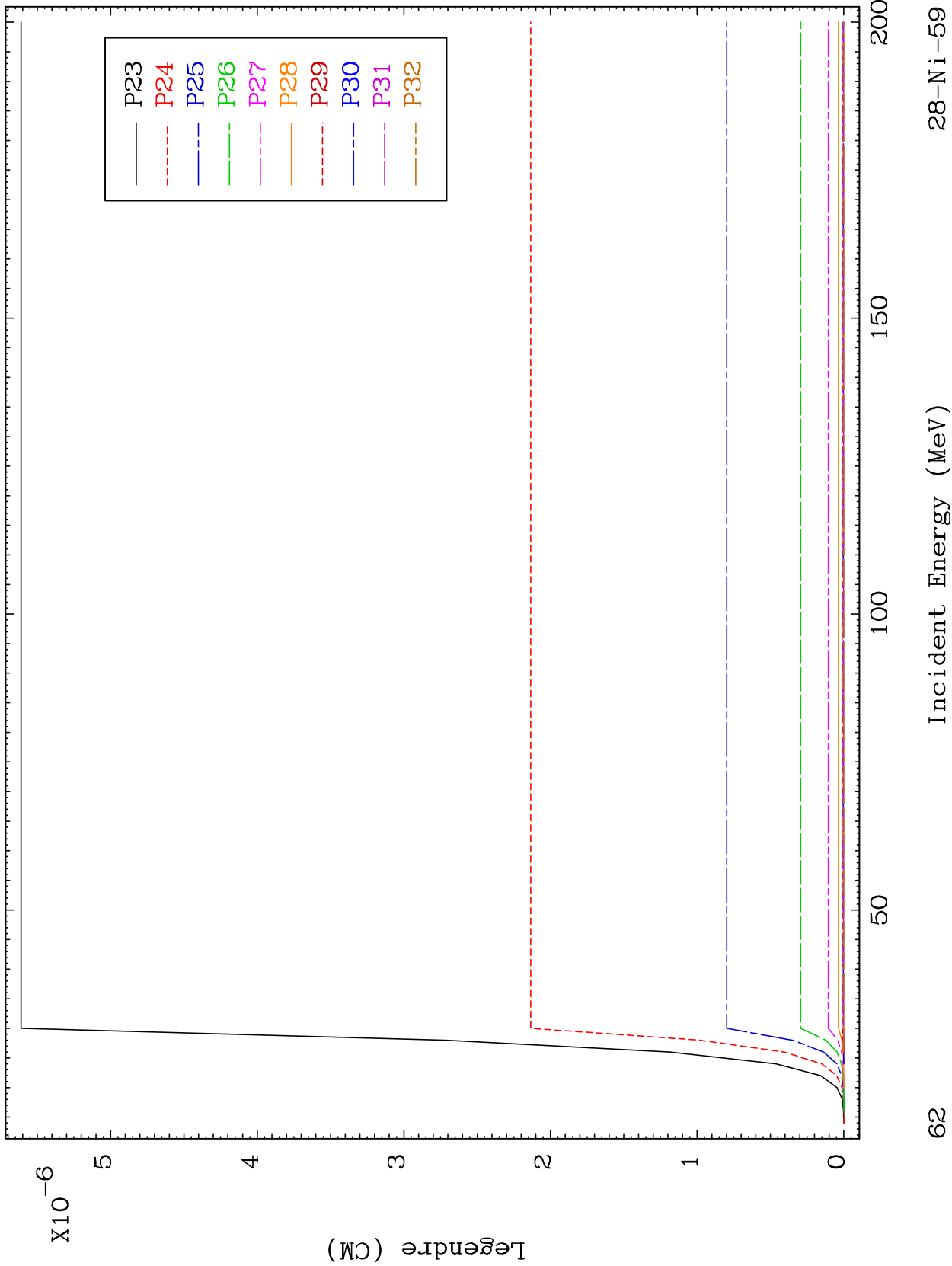




MAT 2828

2.428 MeV (n,n') Level
Legendre Coefficients

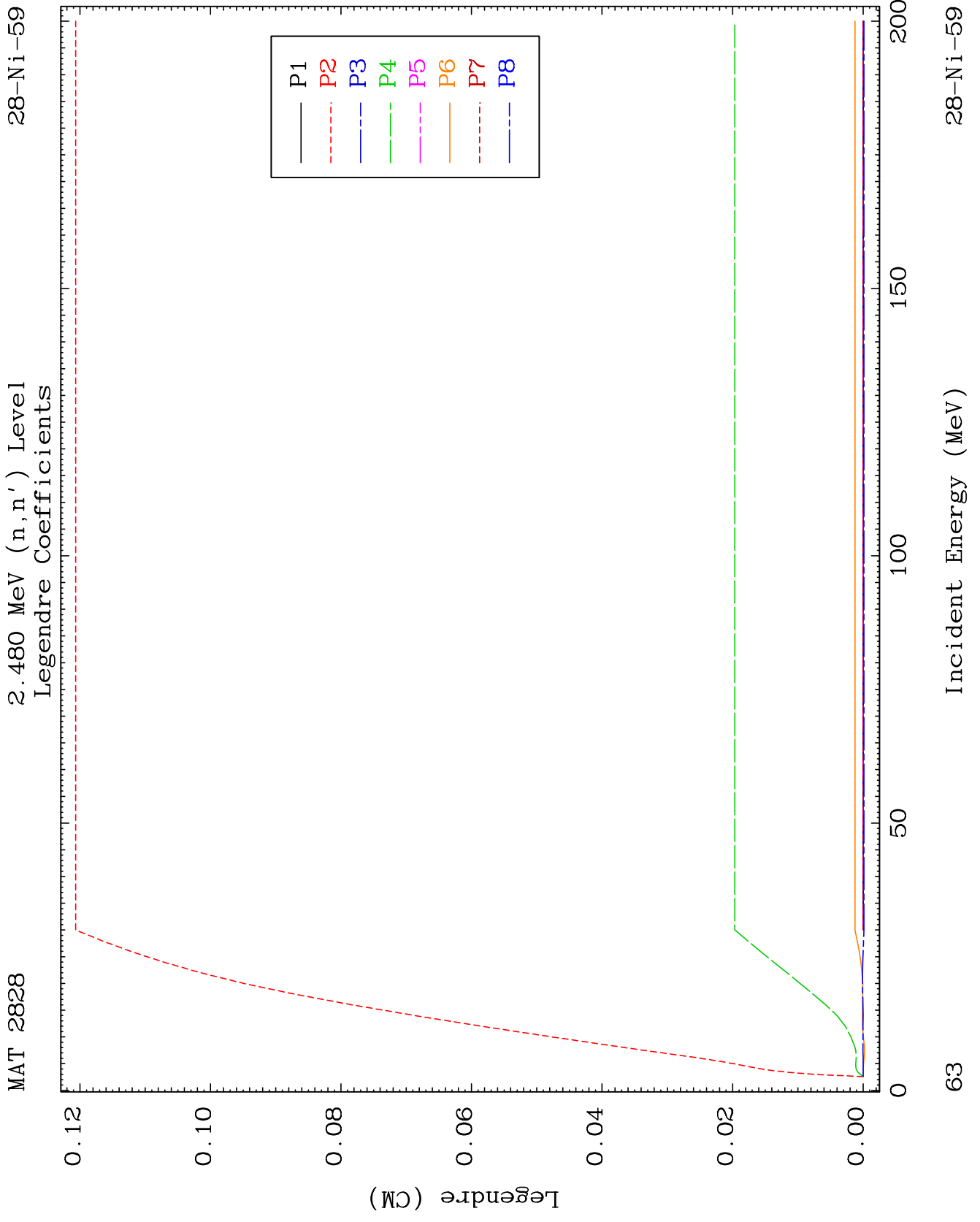
28-Ni-59

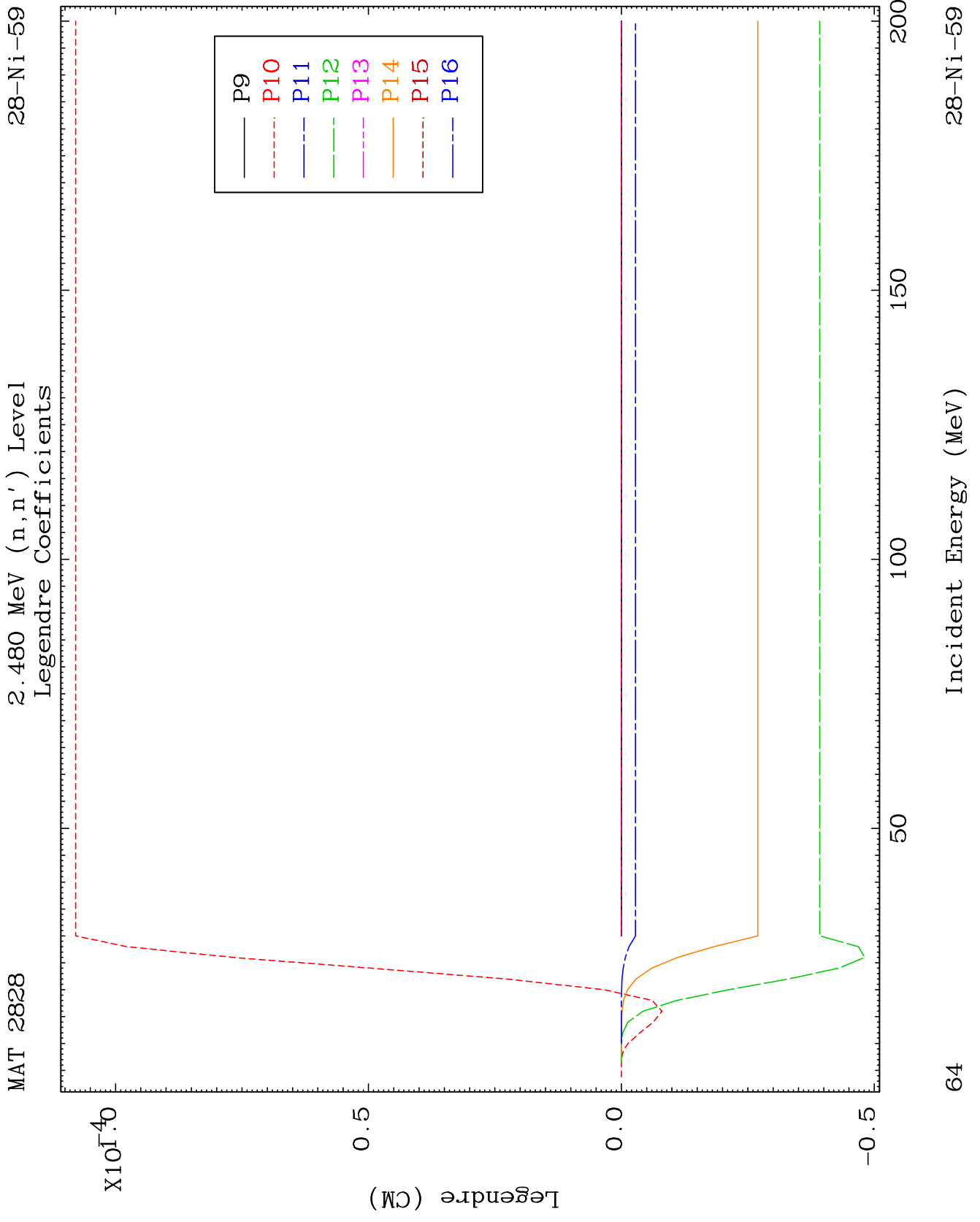


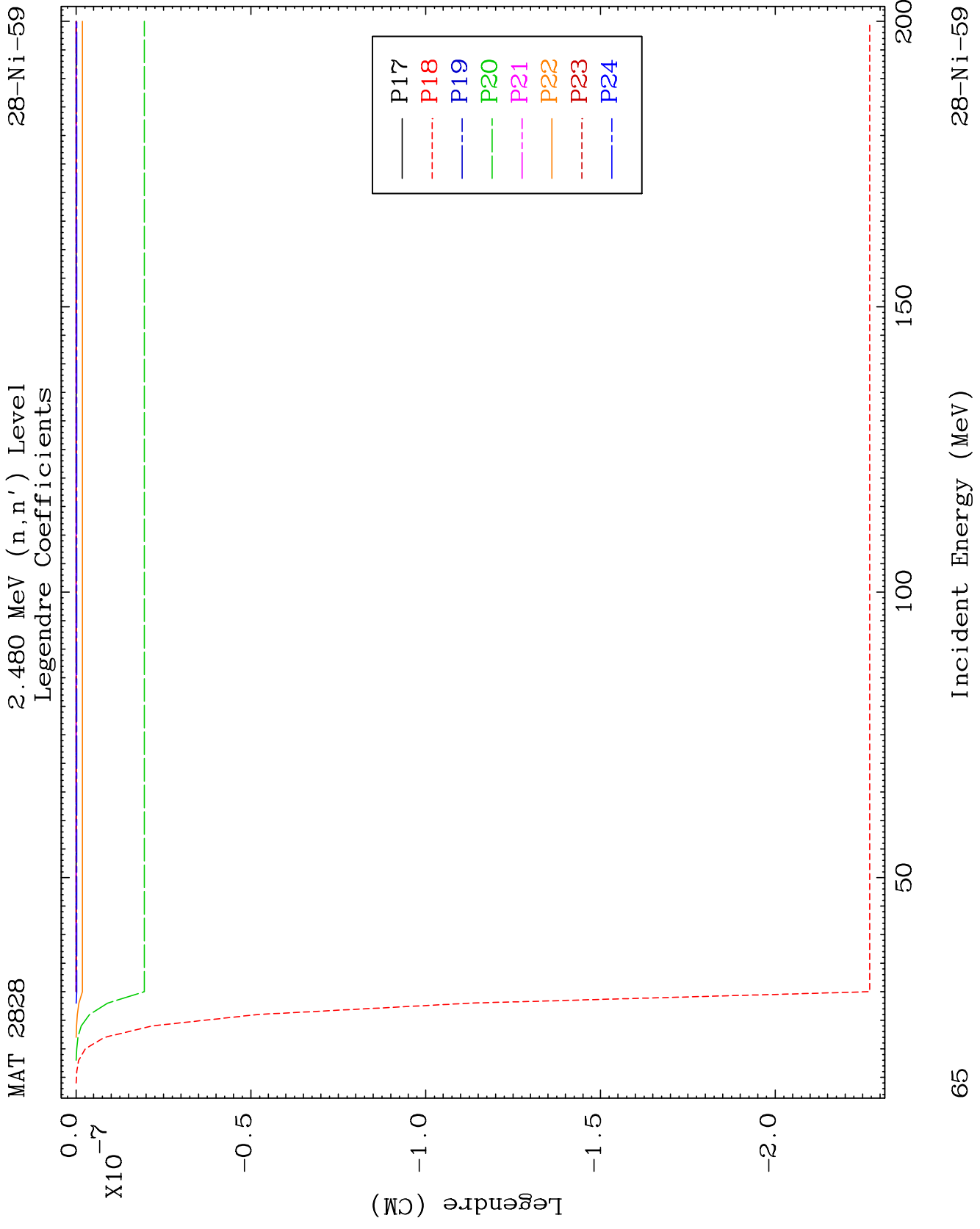
62

Incident Energy (MeV)

28-Ni-59



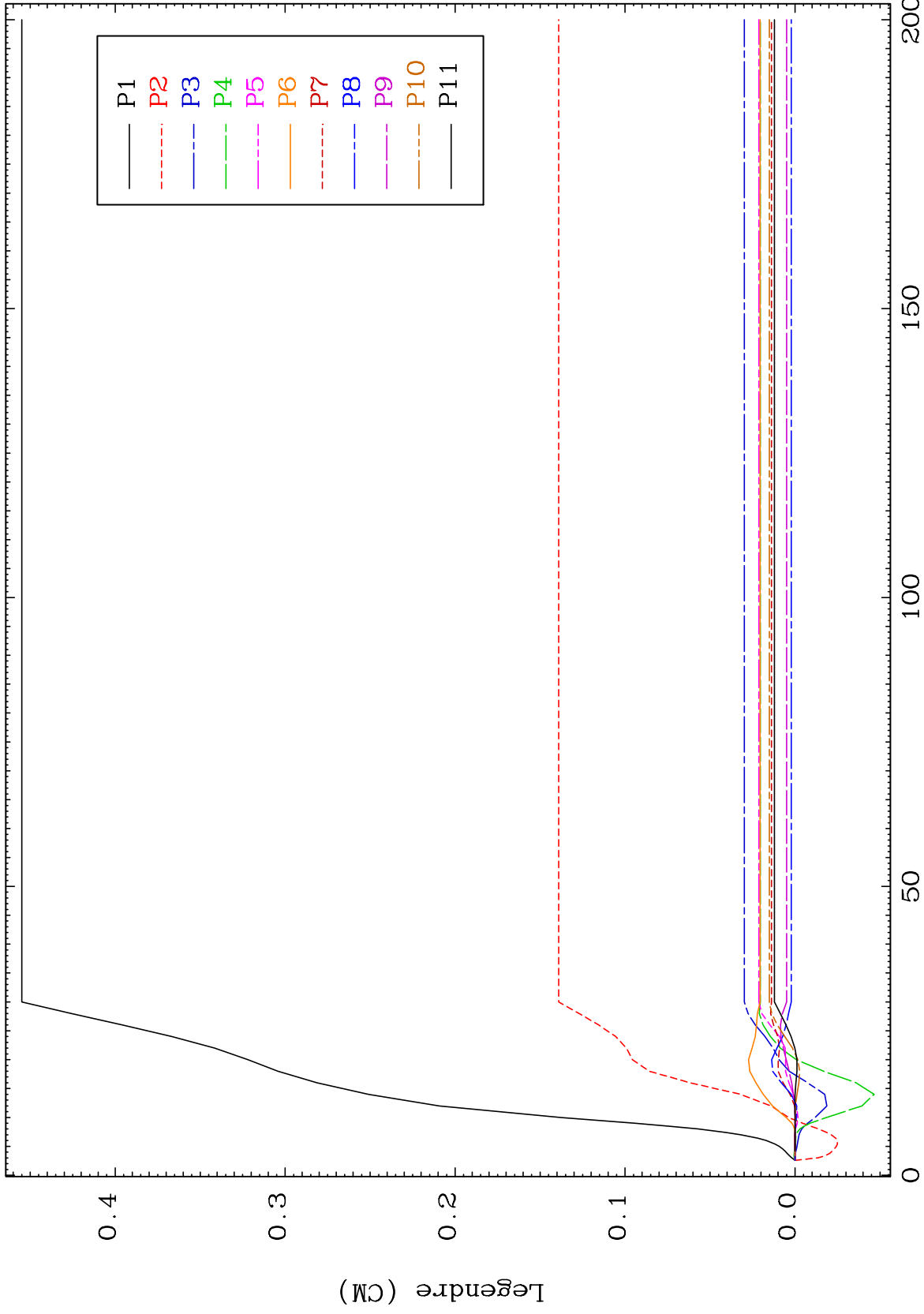




MAT 2828

2.530 MeV (n,n') Level
Legendre Coefficients

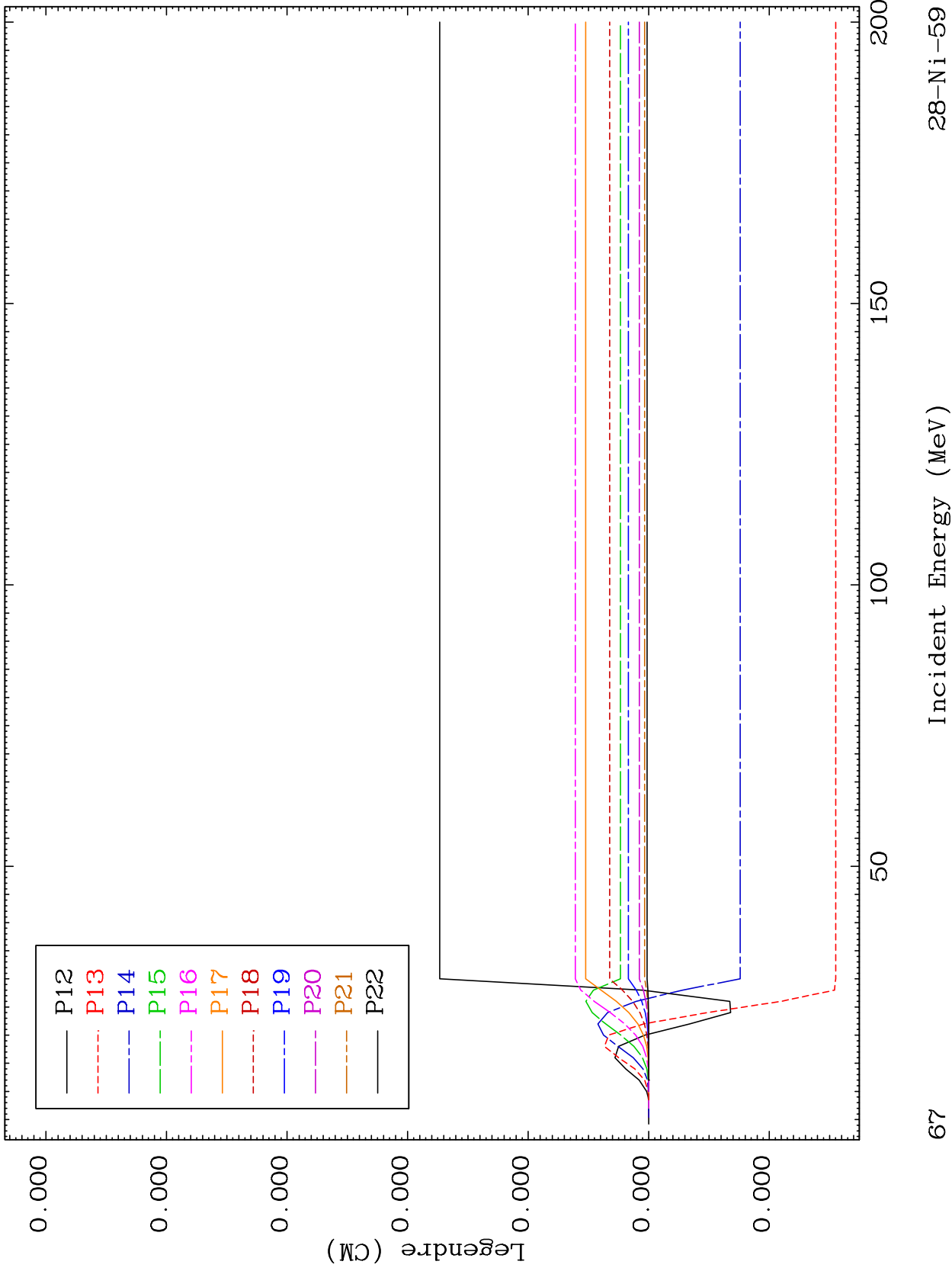
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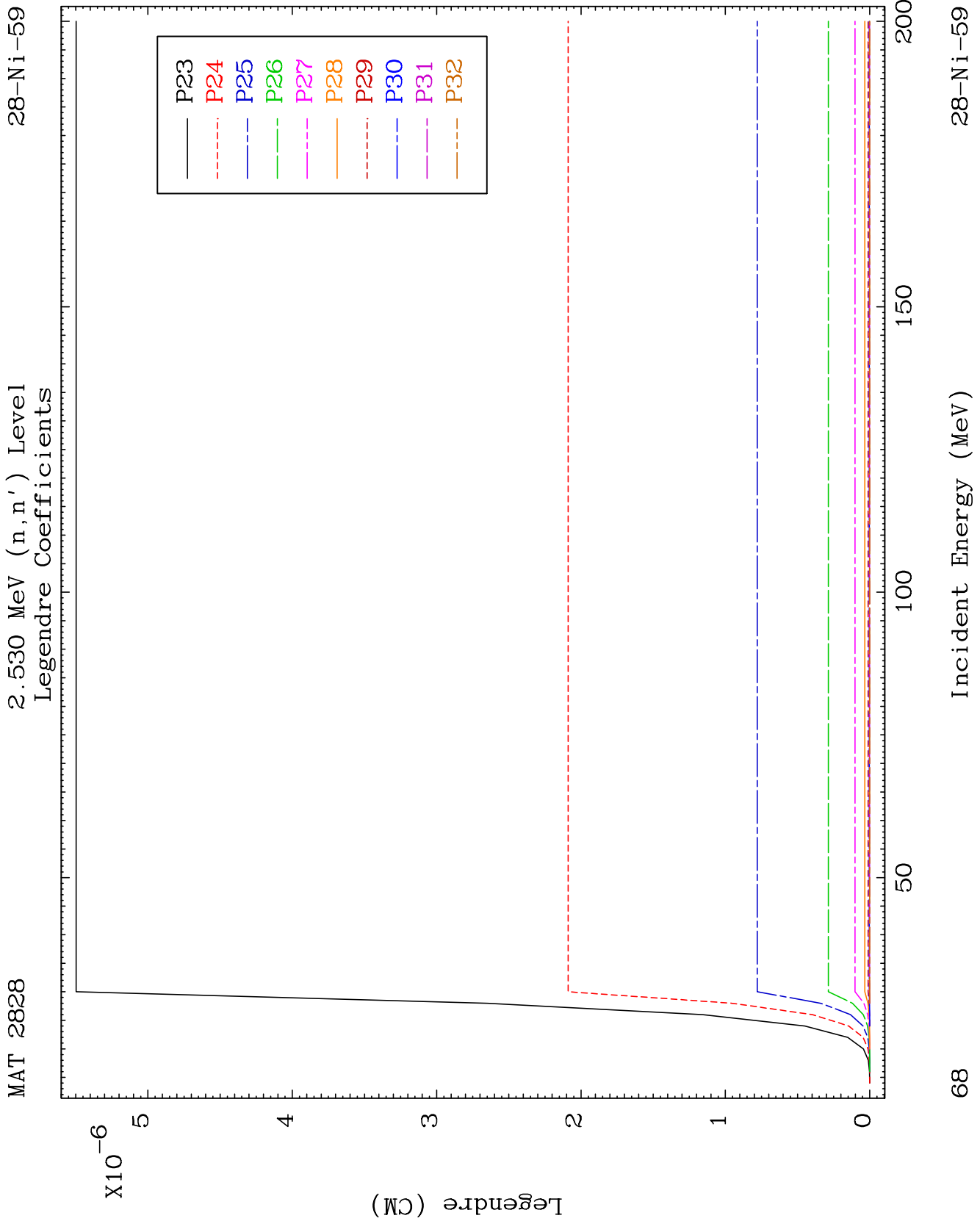


66

Incident Energy (MeV)

28-Ni-59

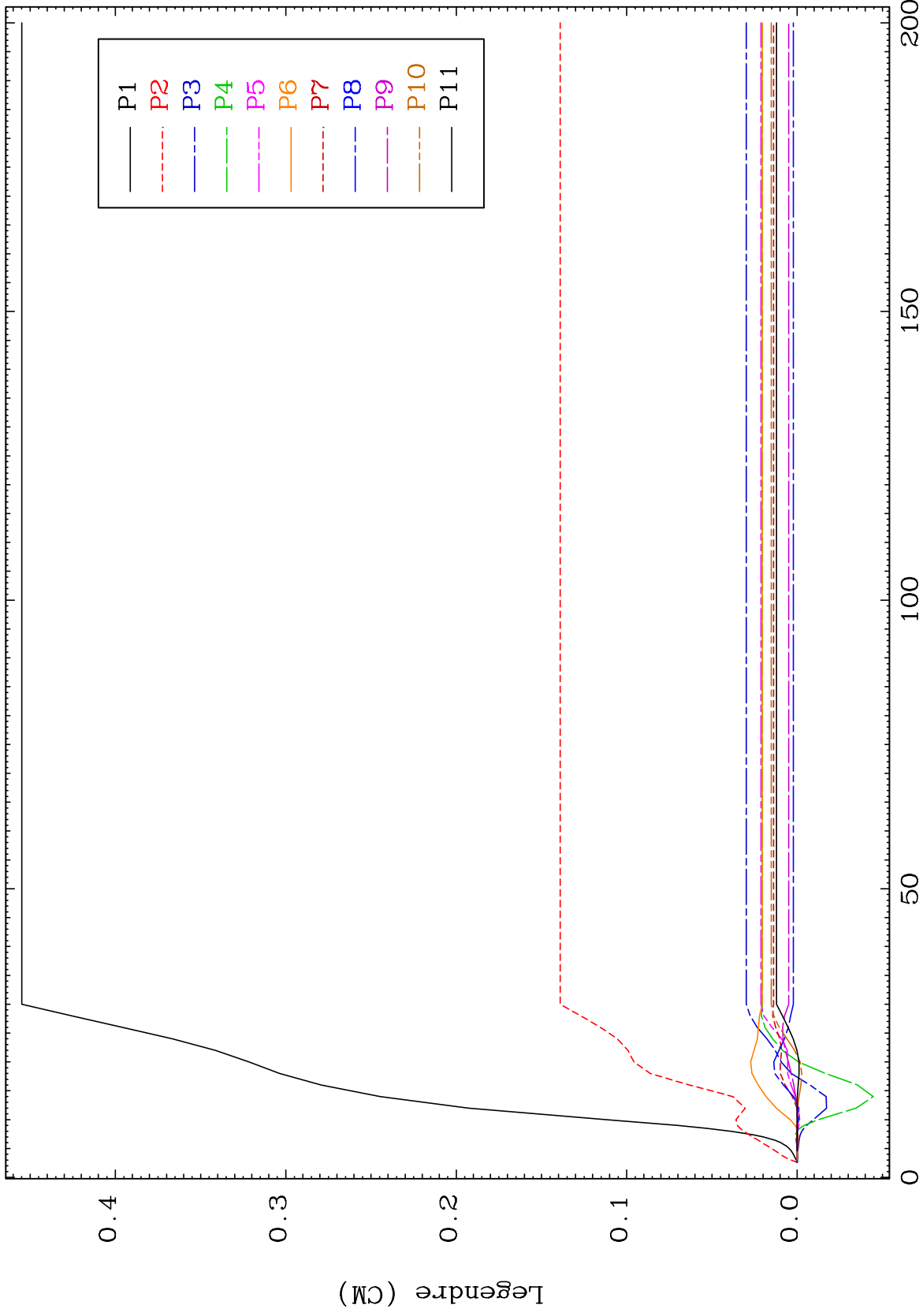




MAT 2828

2.535 MeV (n,n') Level
Legendre Coefficients

28-Ni-59



69

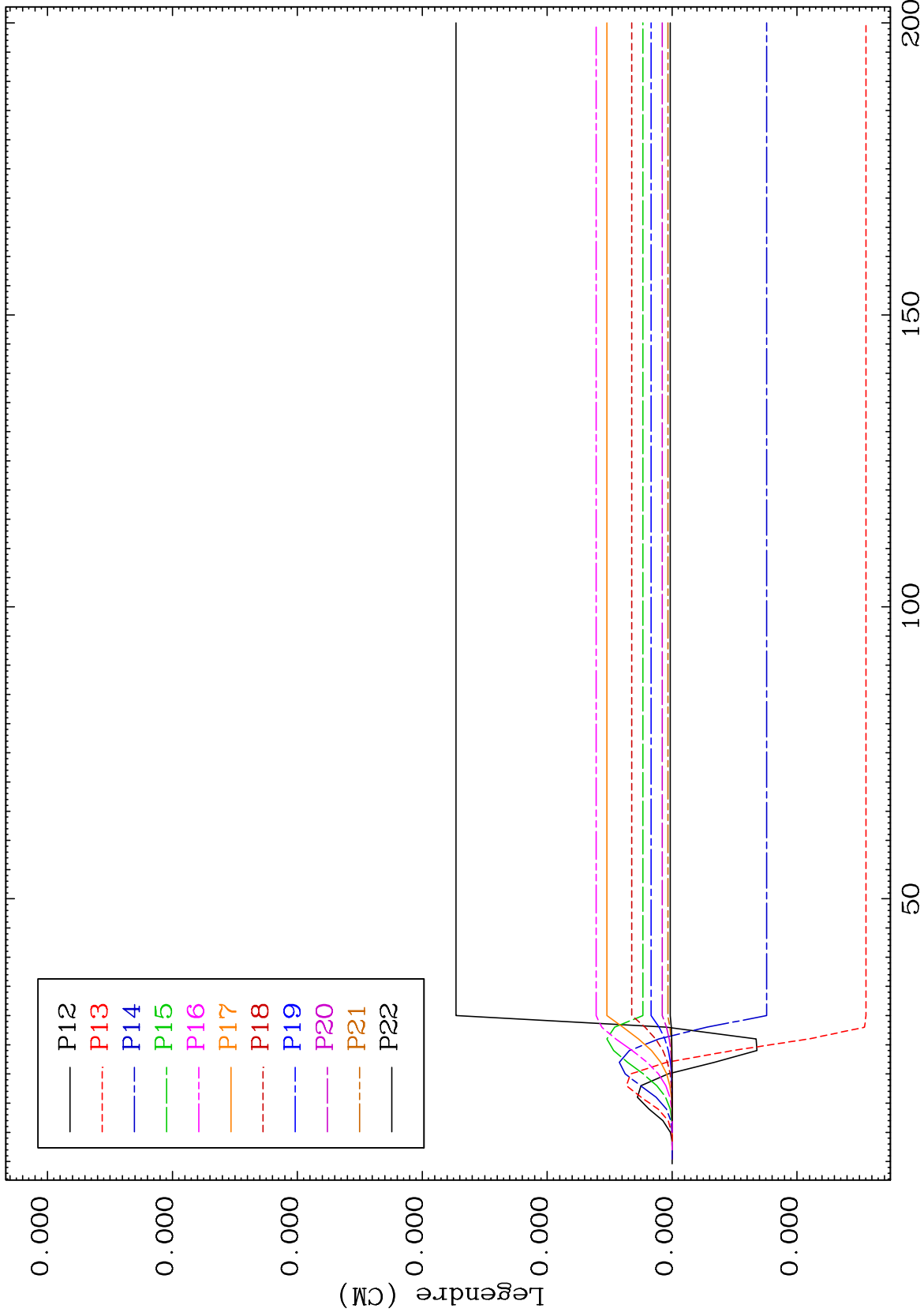
Incident Energy (MeV)

28-Ni-59

MAT 2828

2.535 MeV (n,n') Level
Legendre Coefficients

28-Ni-59



70

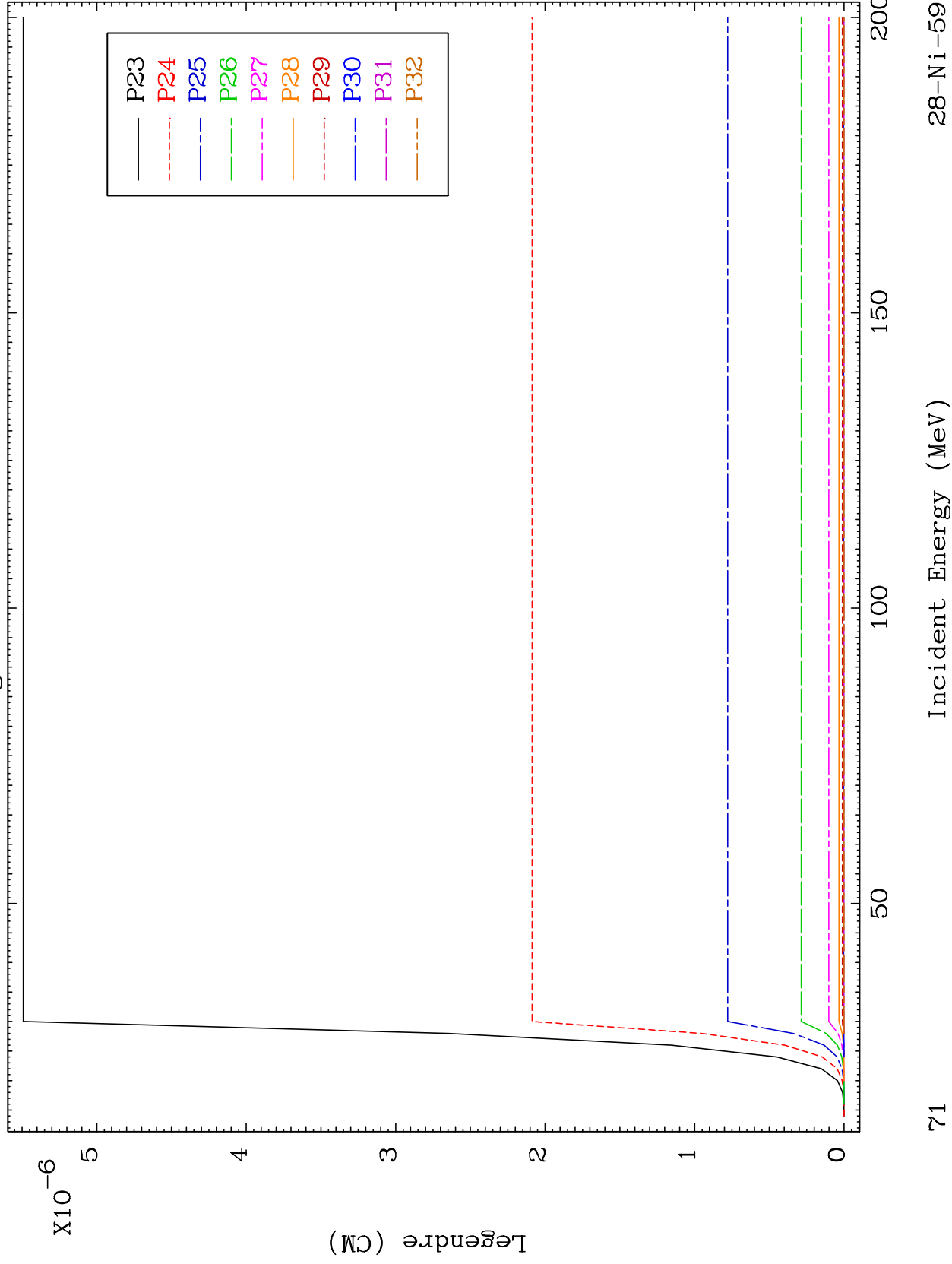
Incident Energy (MeV)

28-Ni-59

MAT 2828

2.535 MeV (n,n') Level
Legendre Coefficients

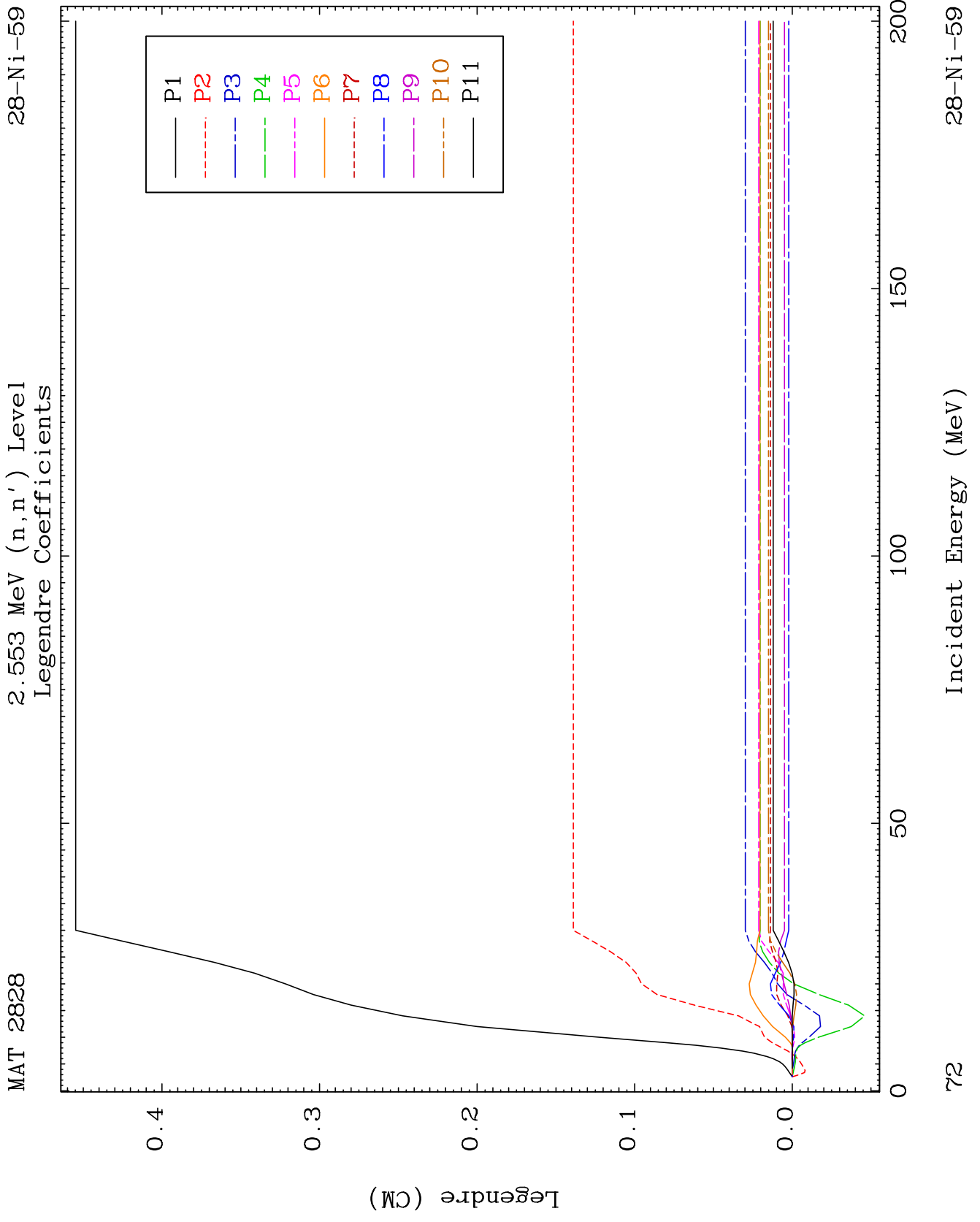
28-Ni-59

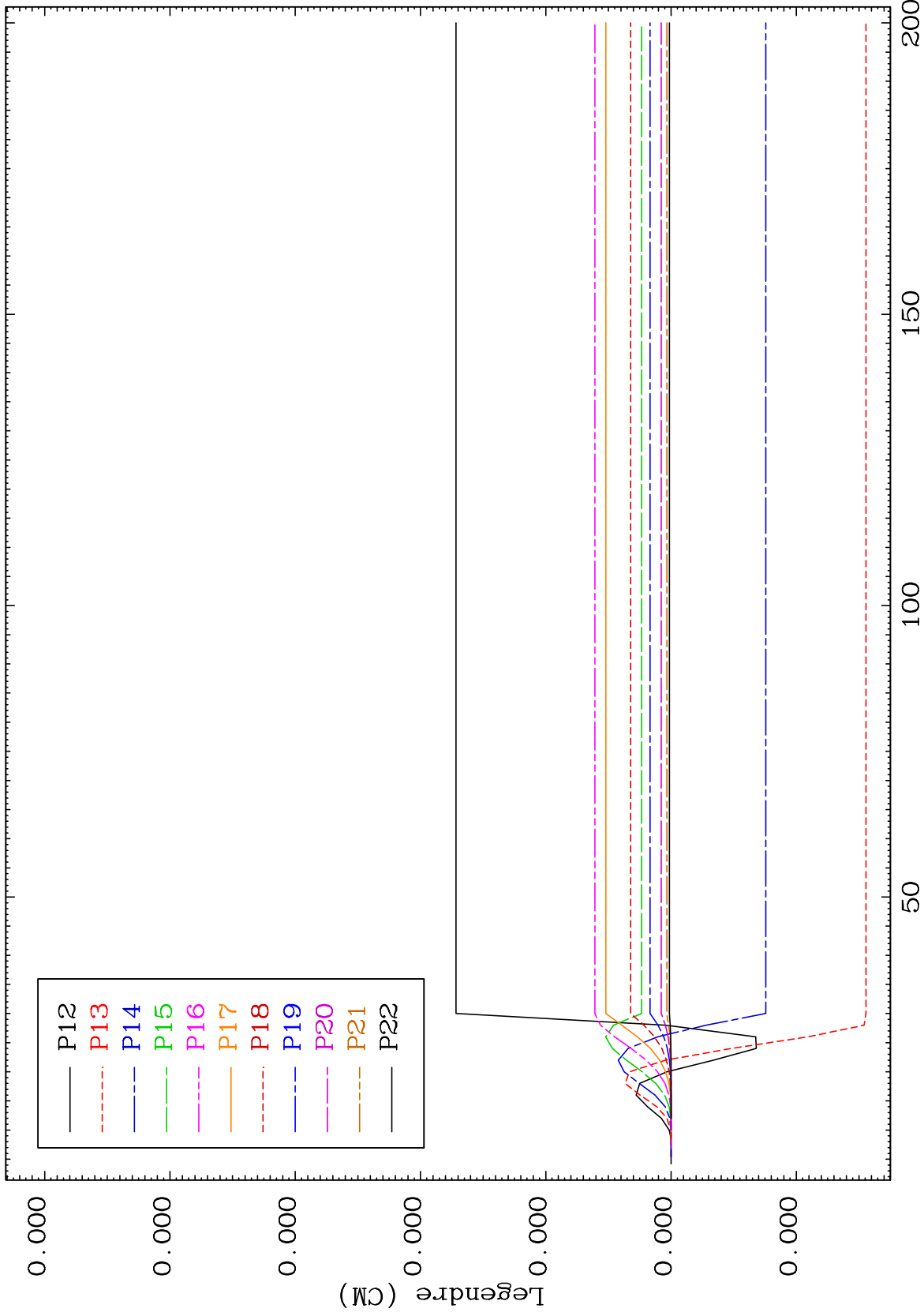


71

Incident Energy (MeV)

28-Ni-59

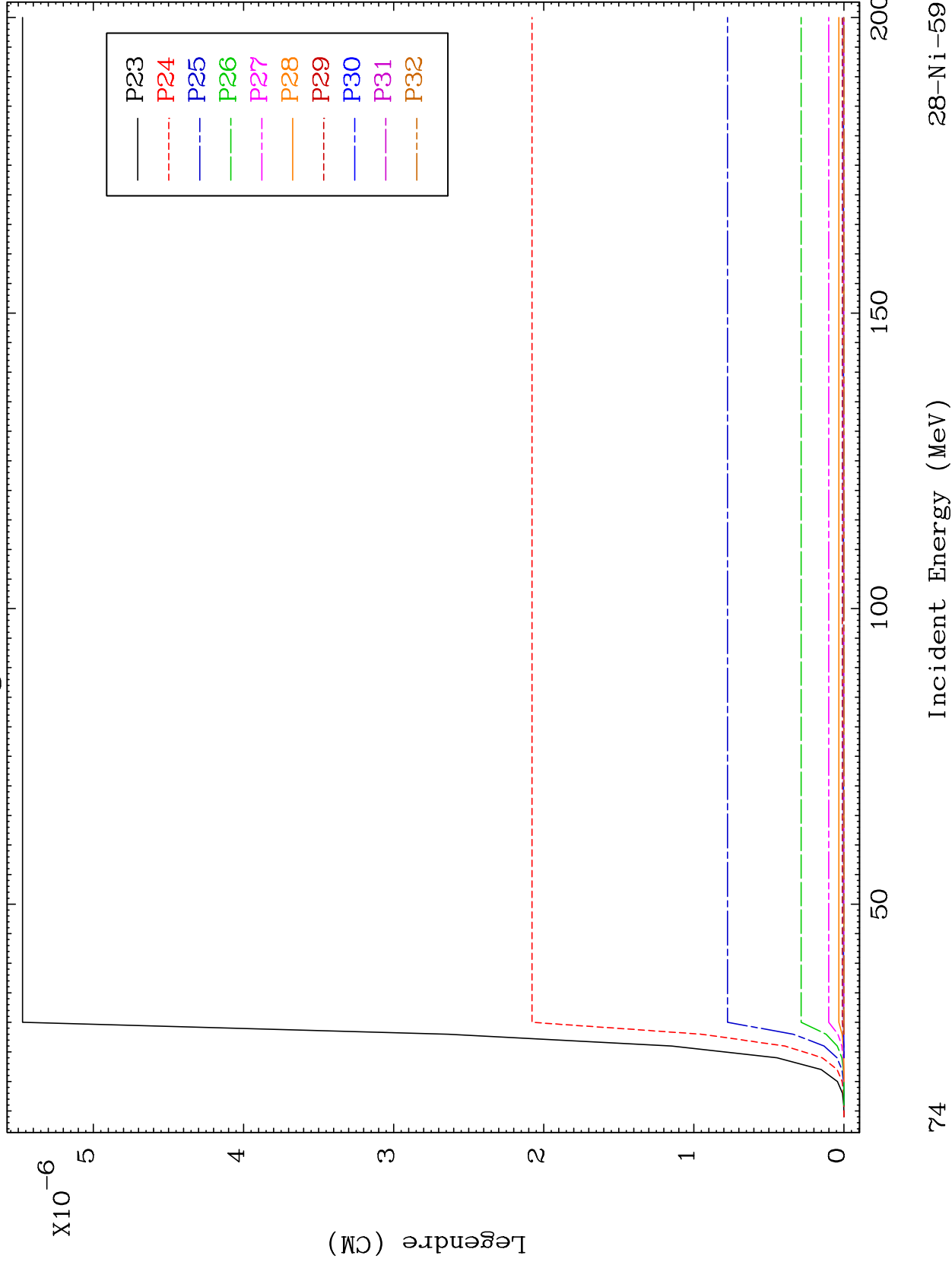




MAT 2828

2.553 MeV (n,n') Level
Legendre Coefficients

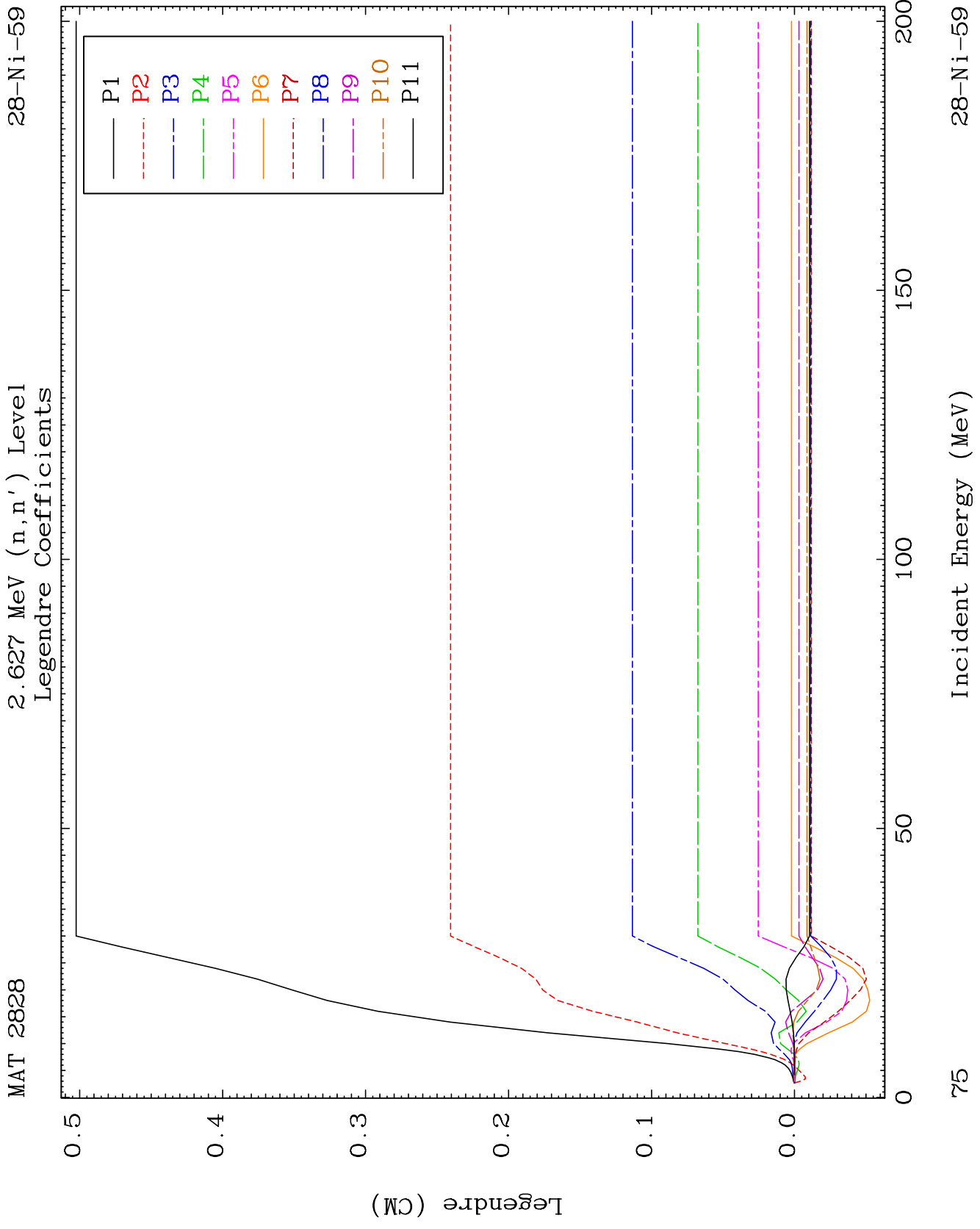
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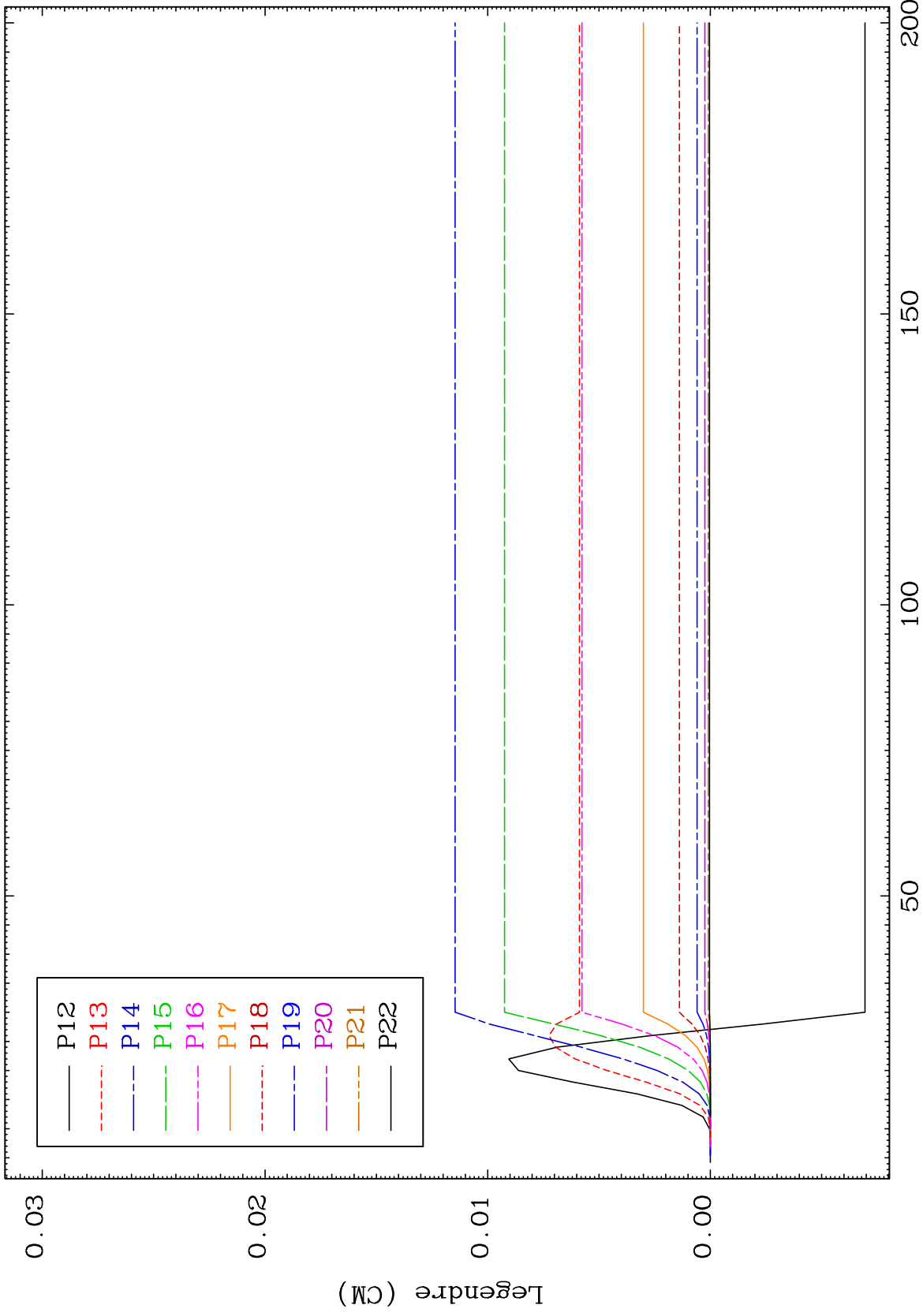


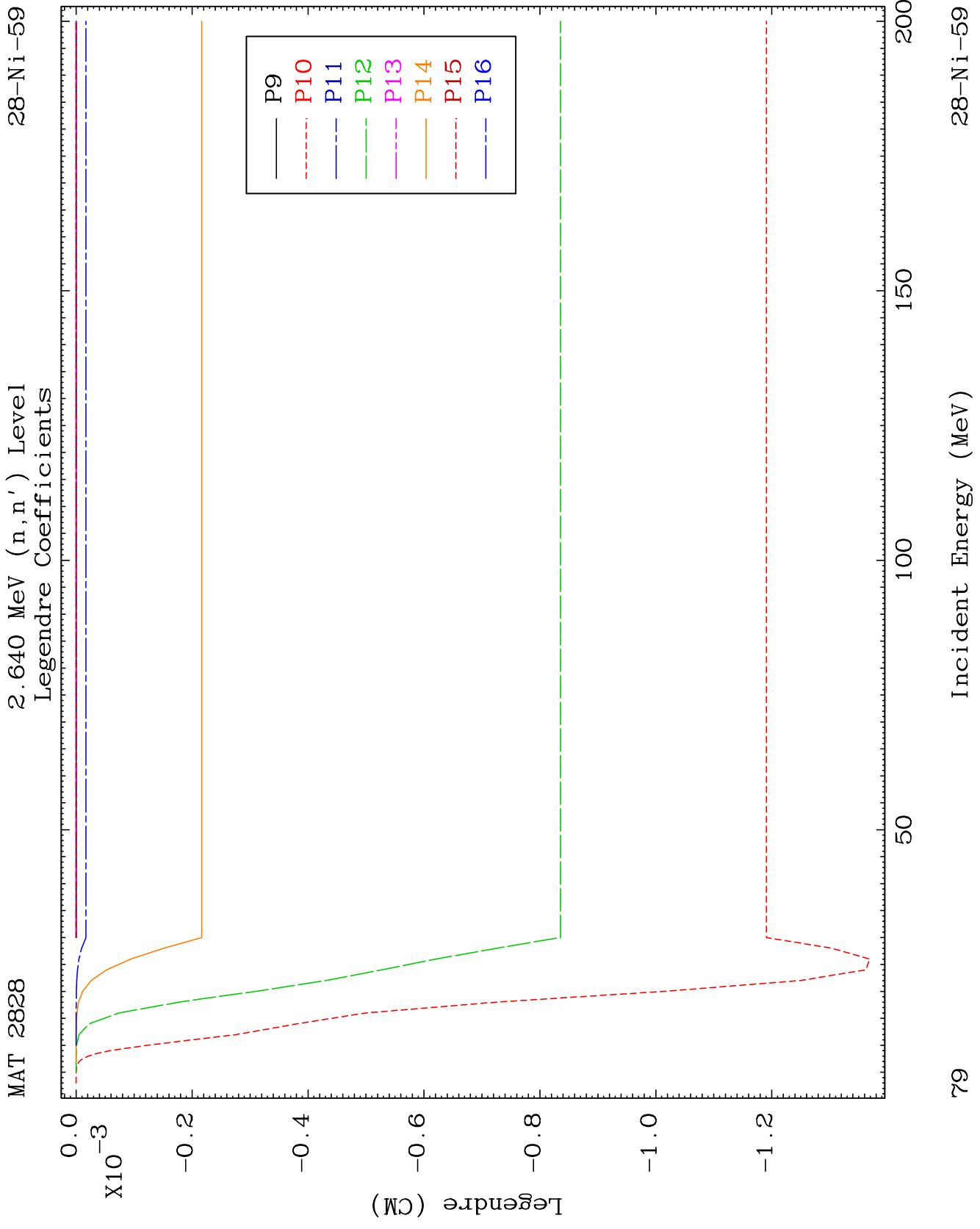
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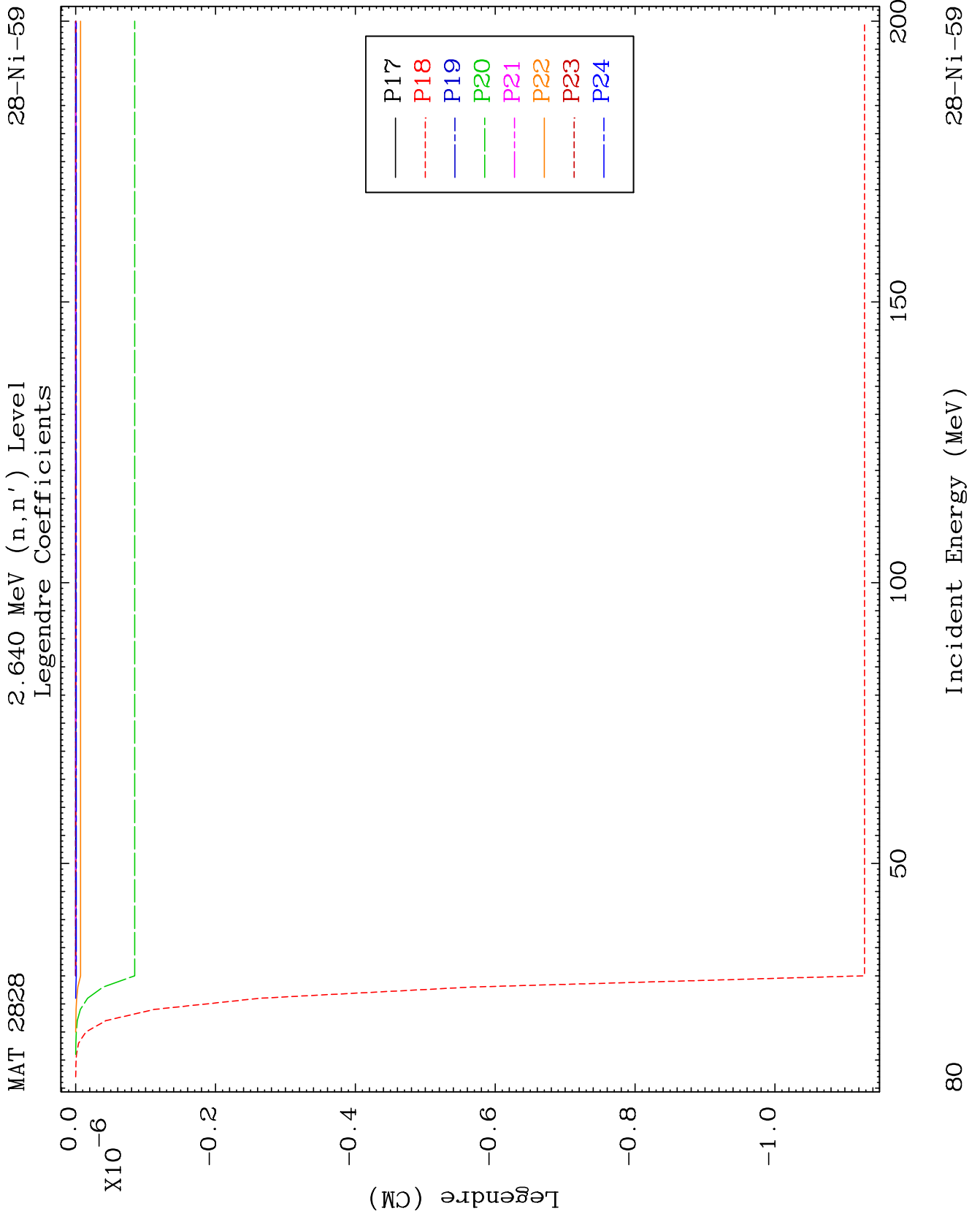
Incident Energy (MeV)

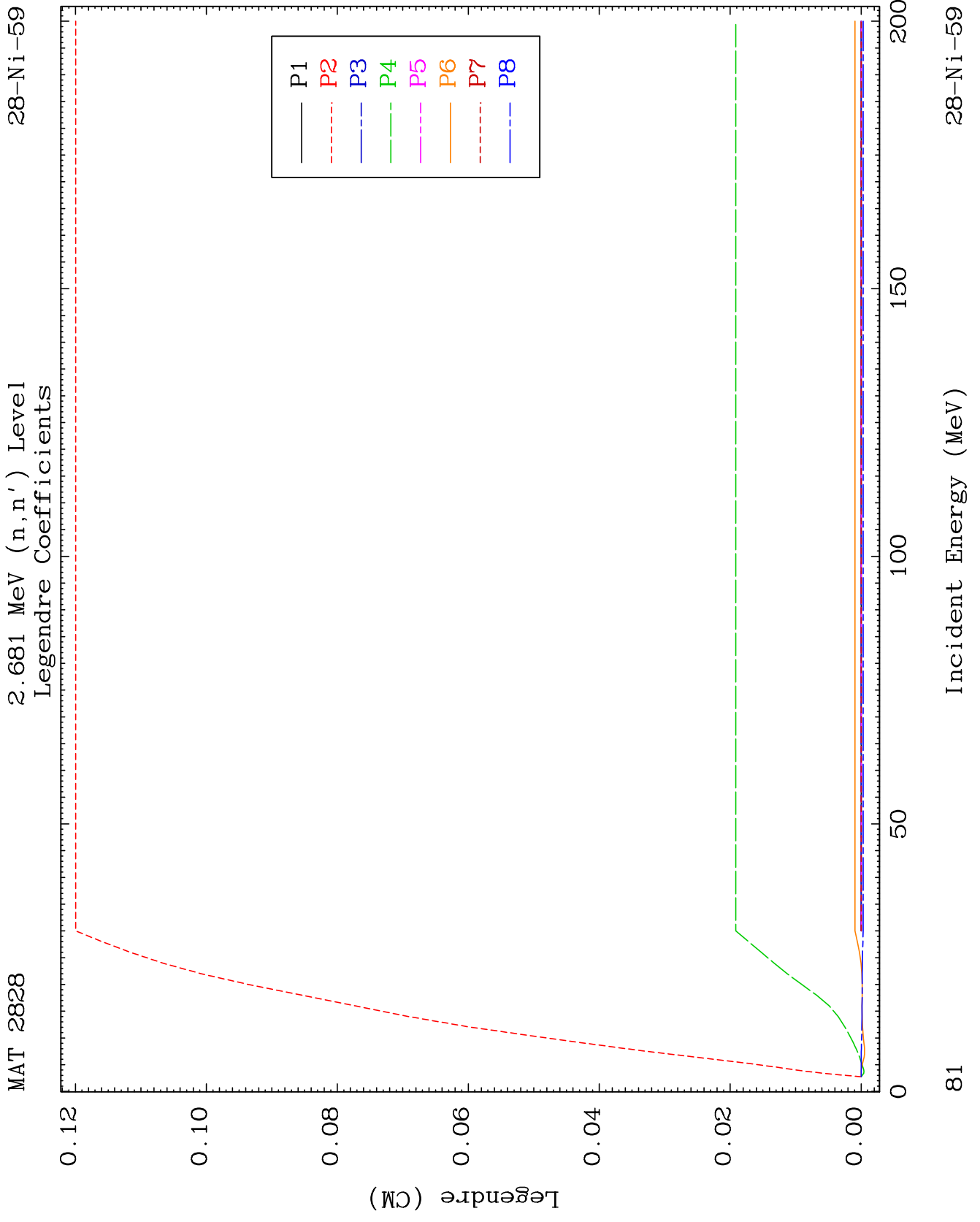
28-Ni-59

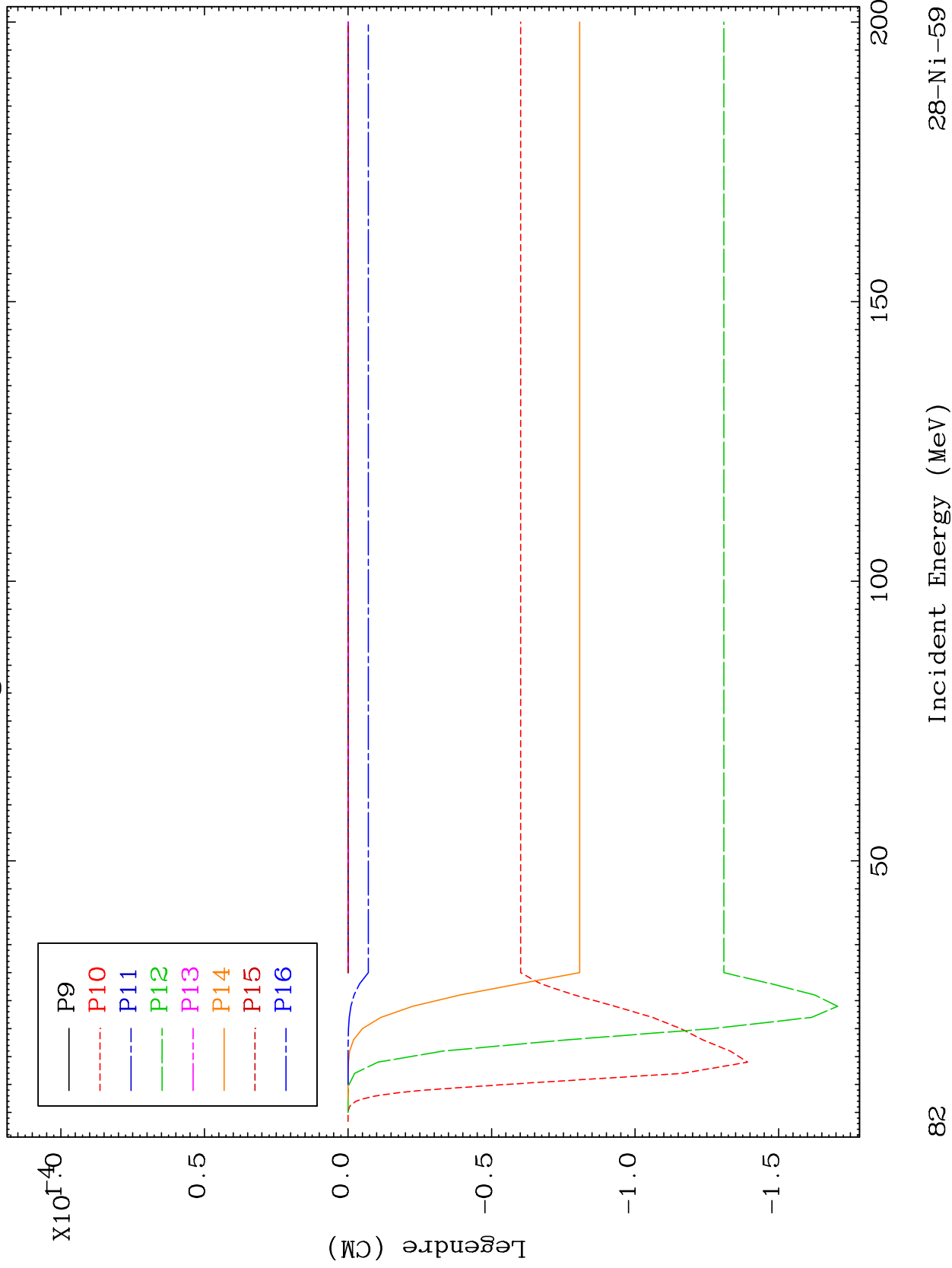


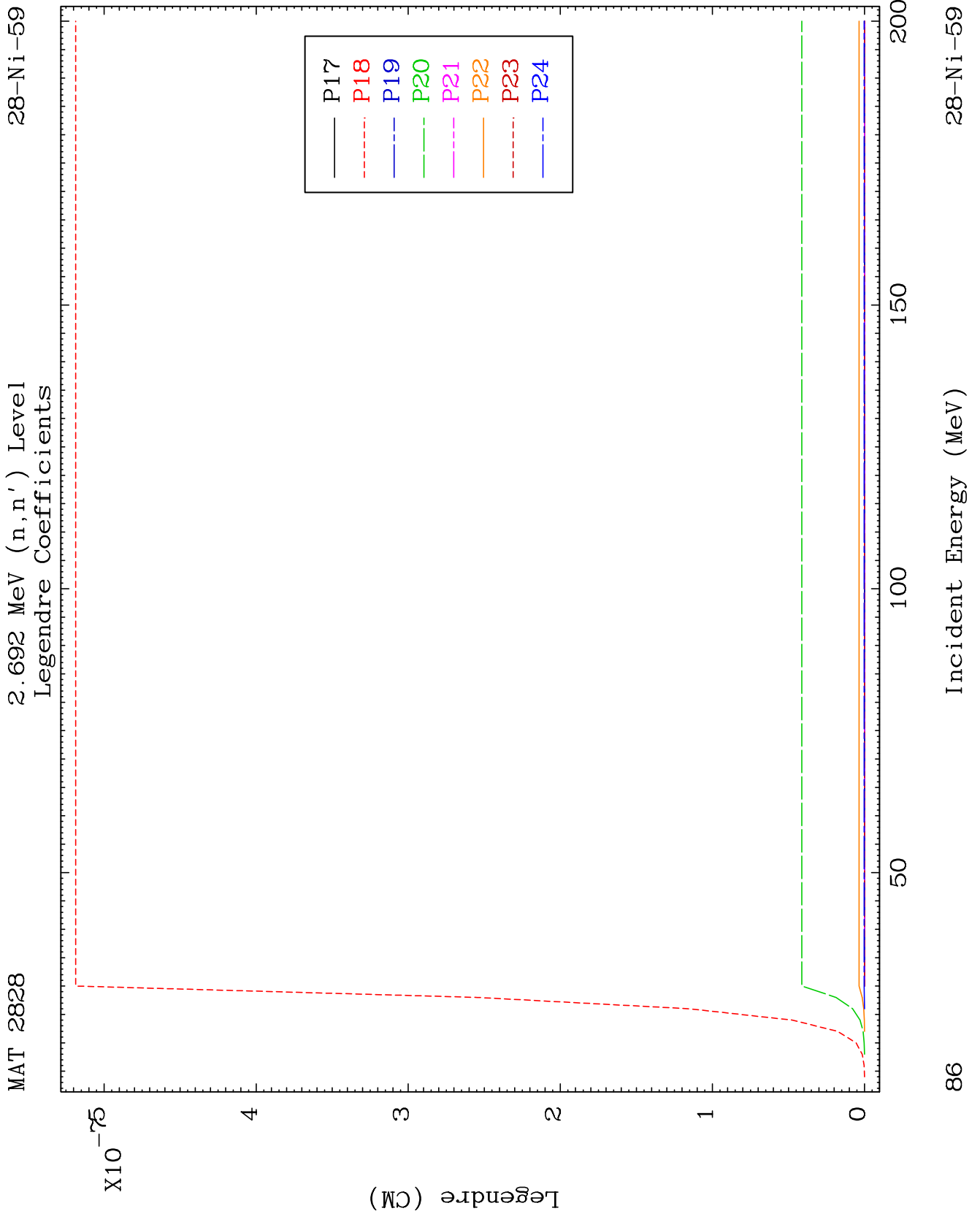


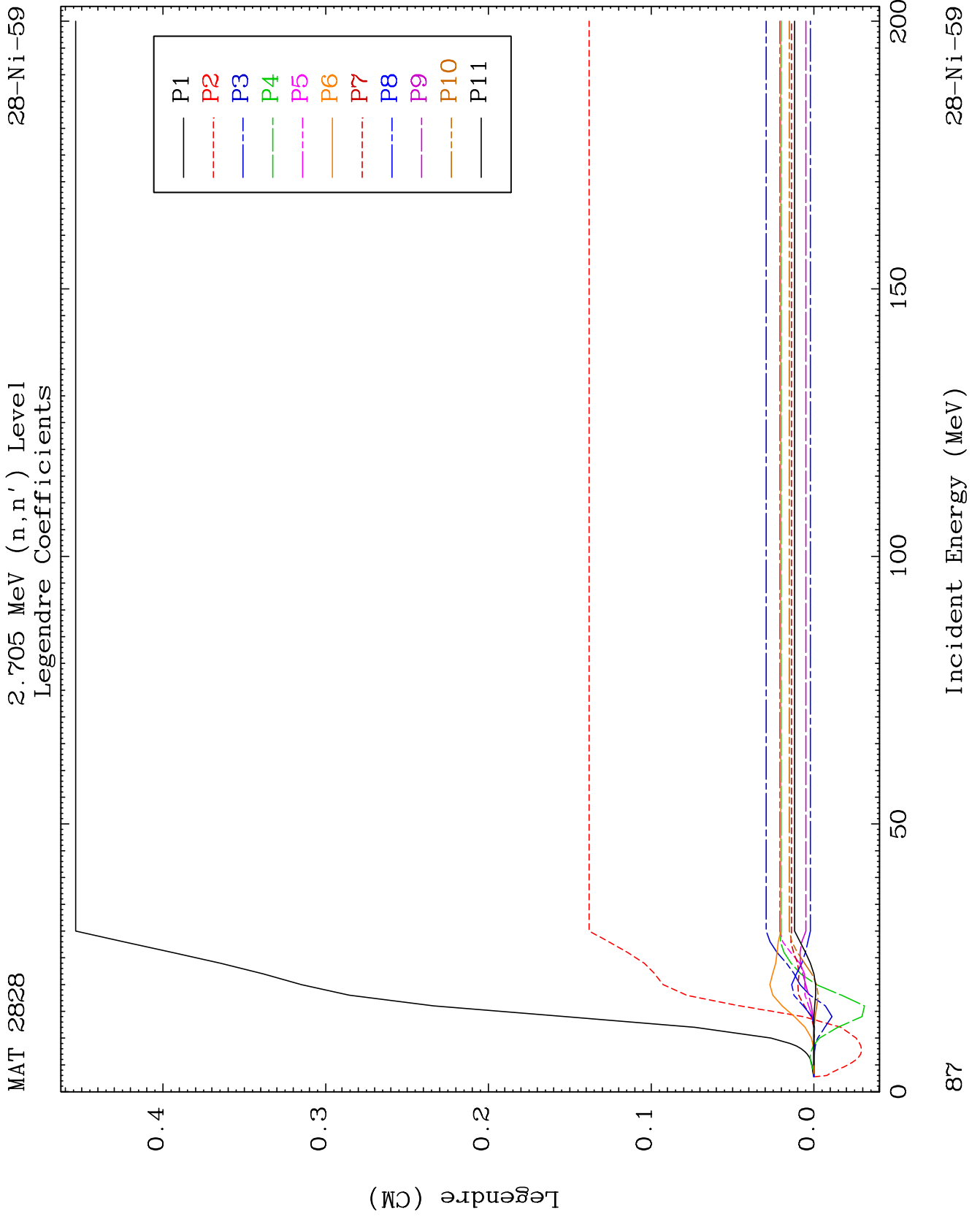


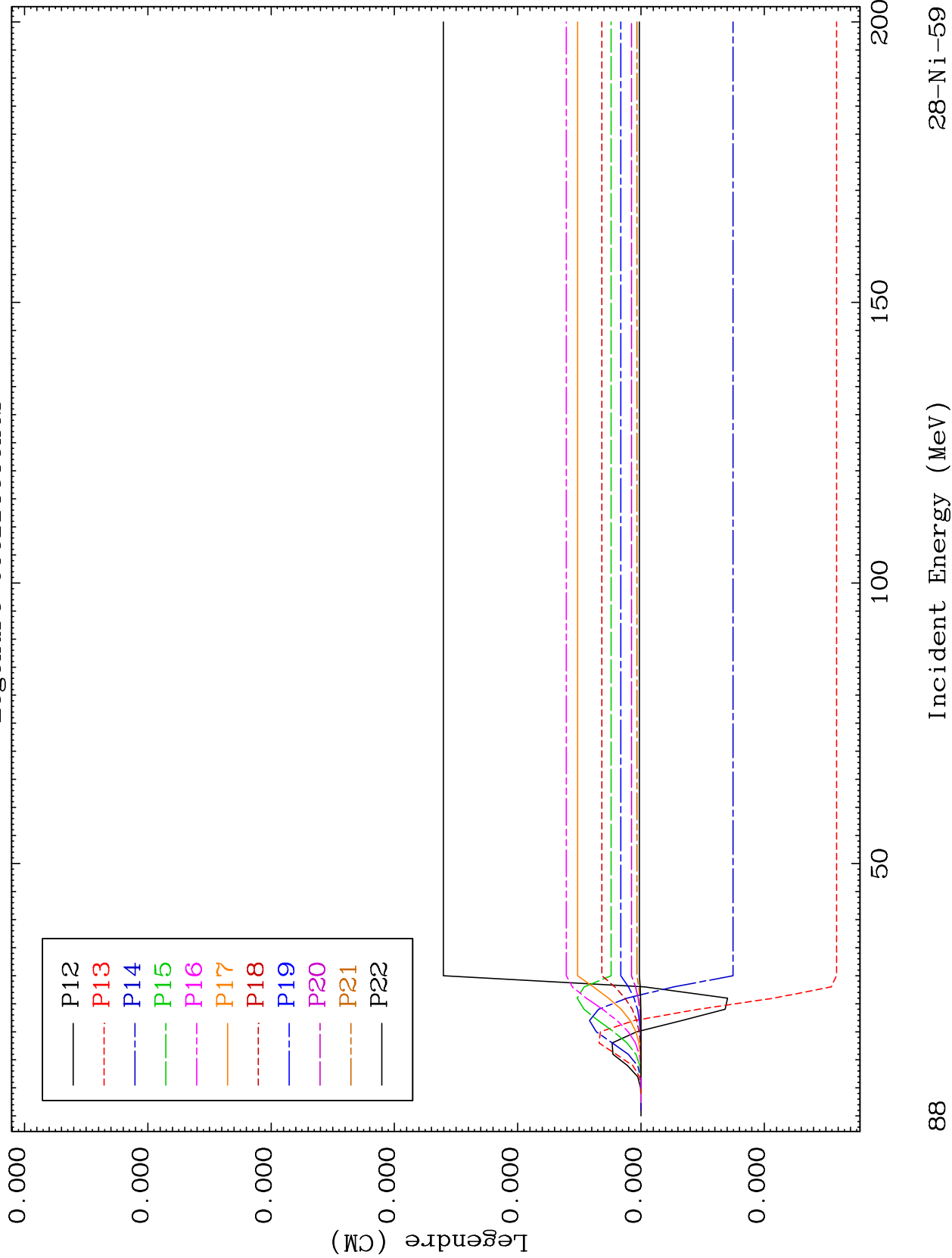








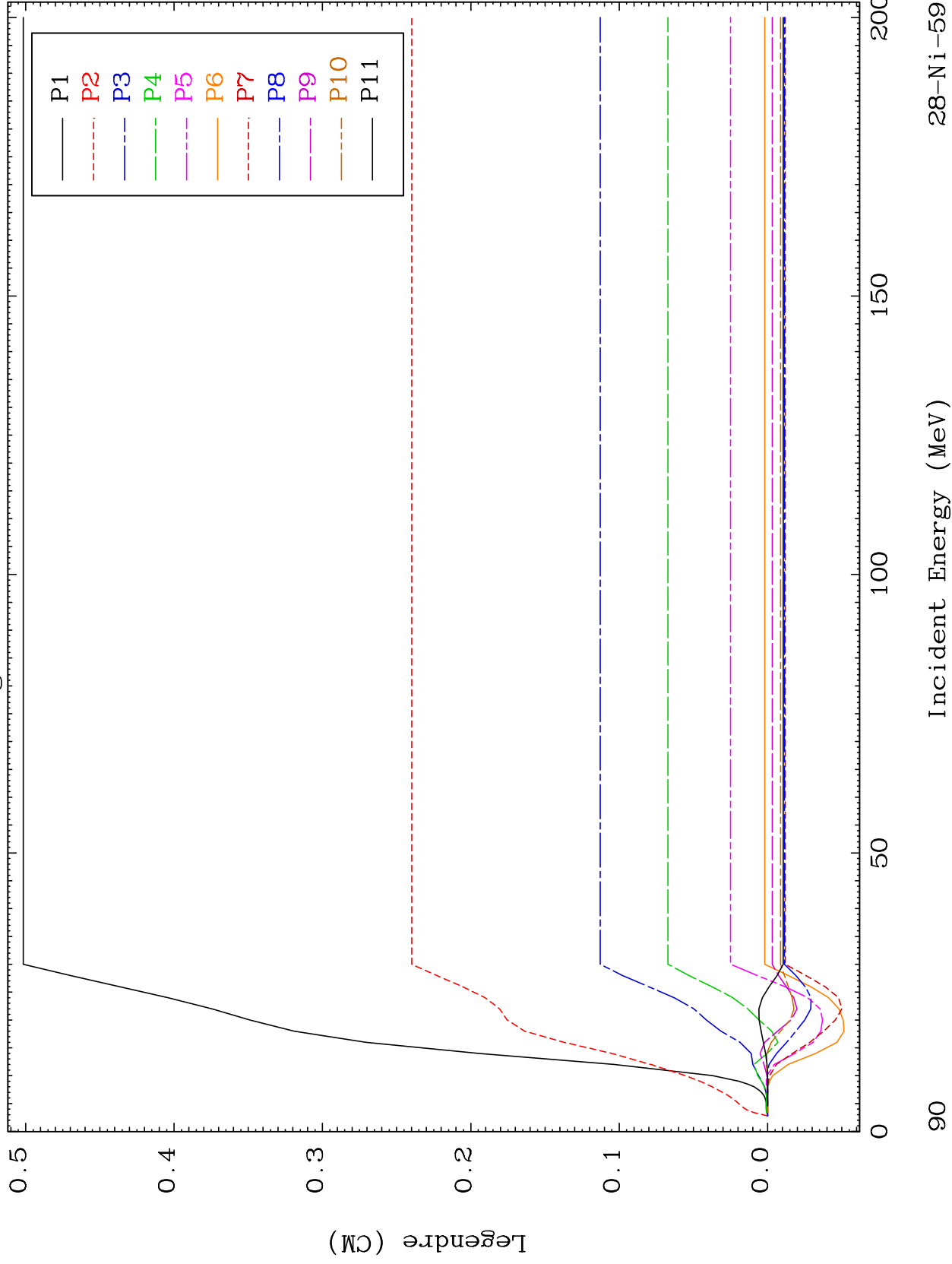


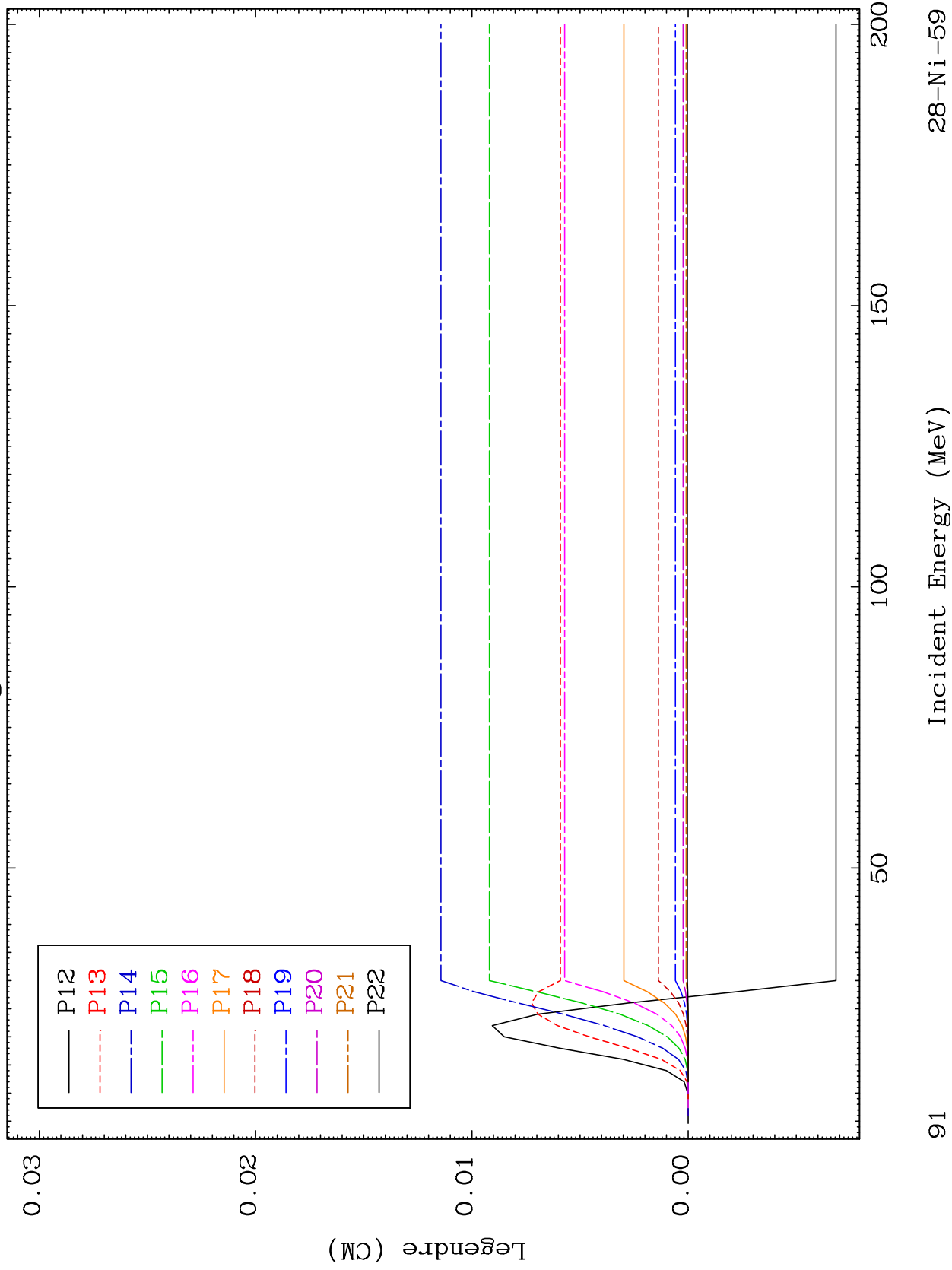


MAT 2828

2.713 MeV (n,n') Level
Legendre Coefficients

28-Ni-59

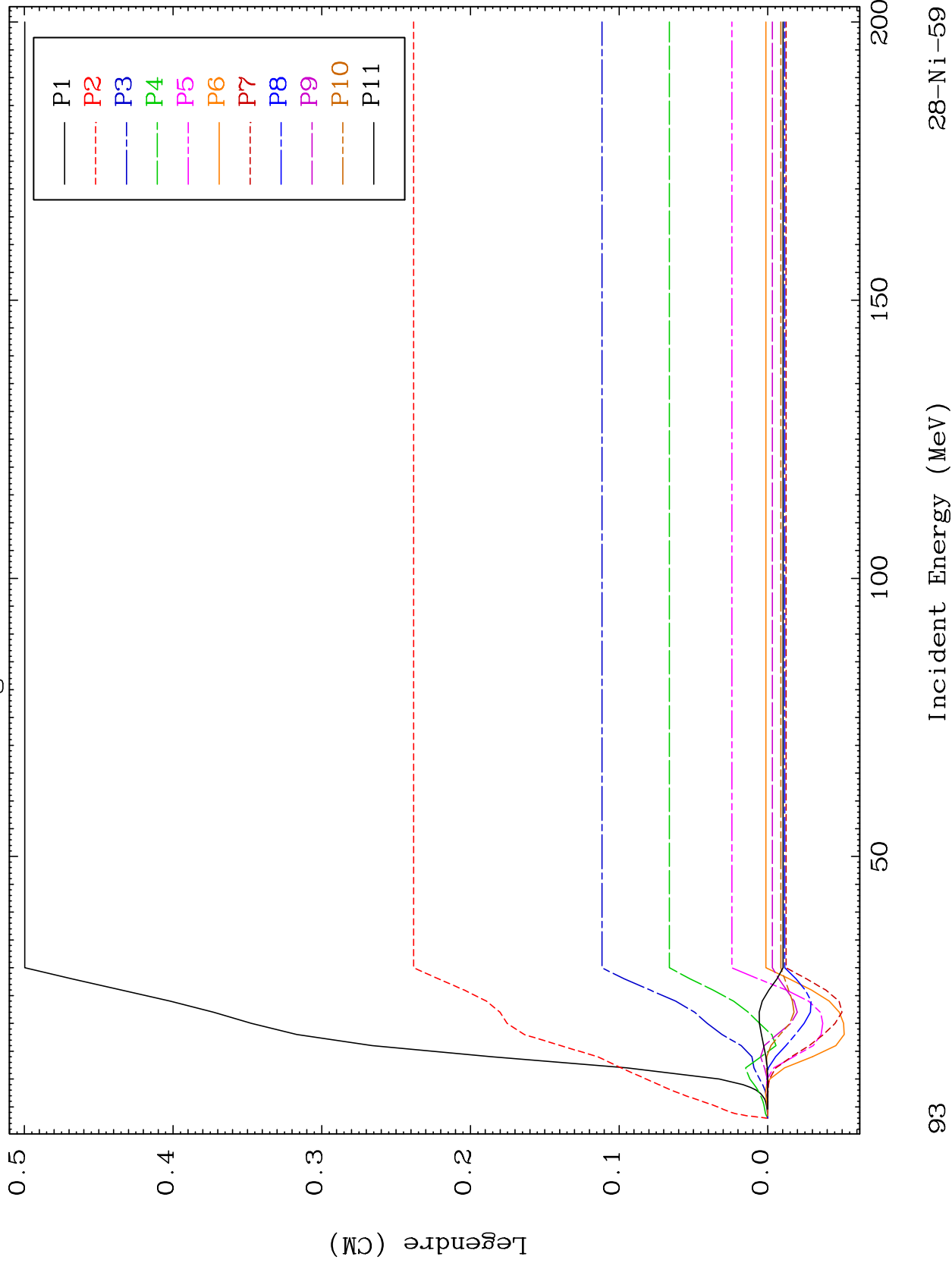




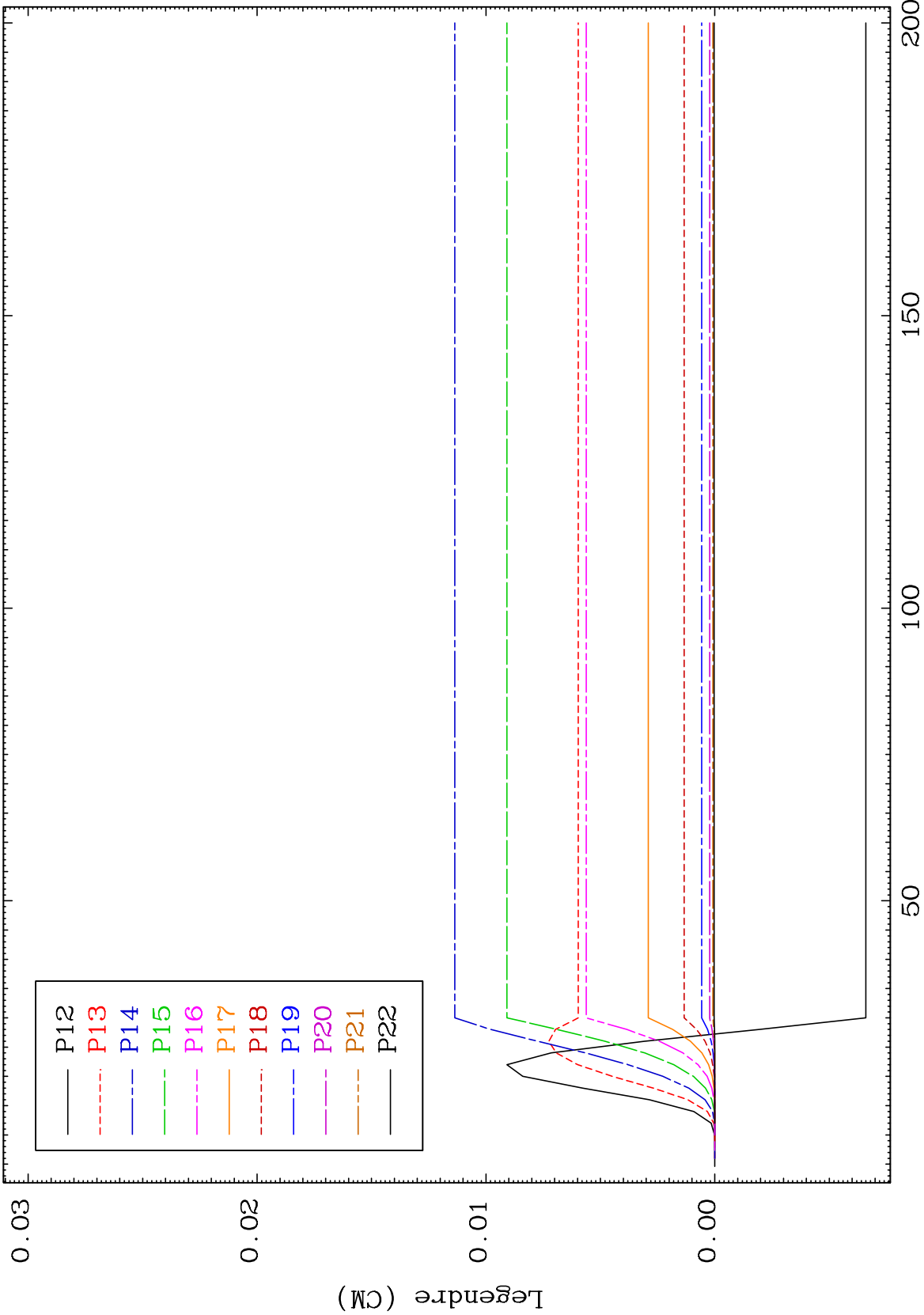
MAT 2828

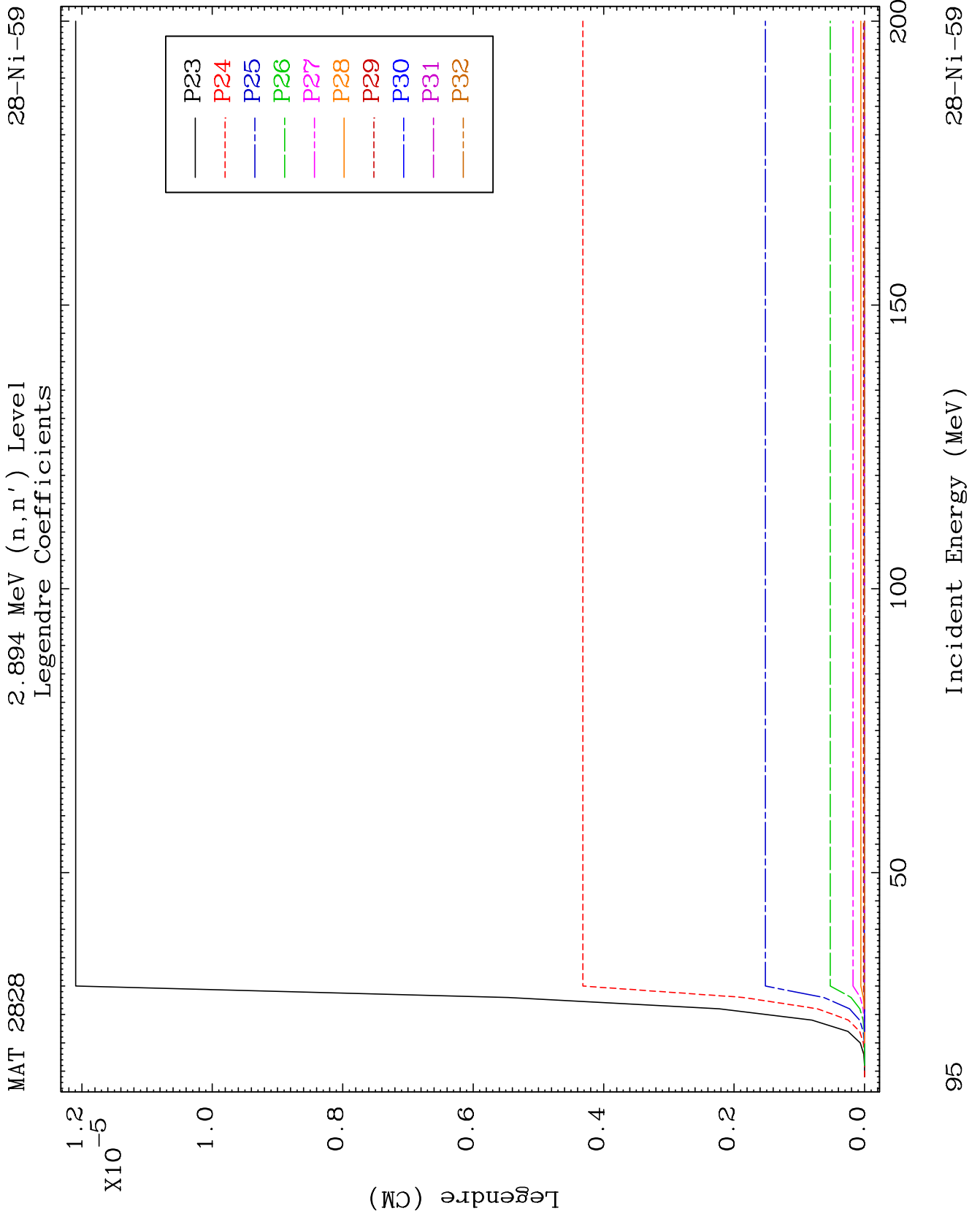
2.894 MeV (n,n') Level
Legendre Coefficients

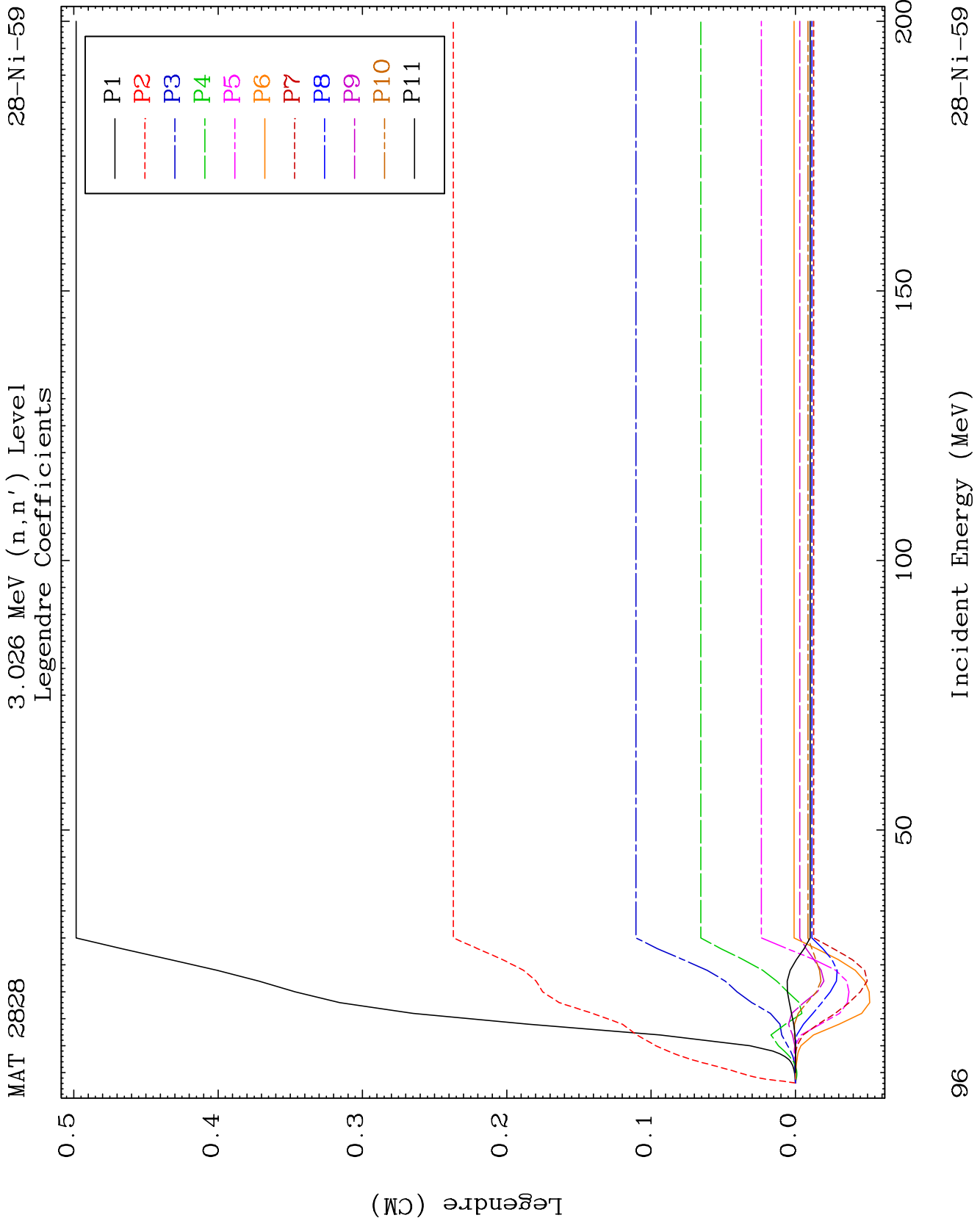
28-Ni-59

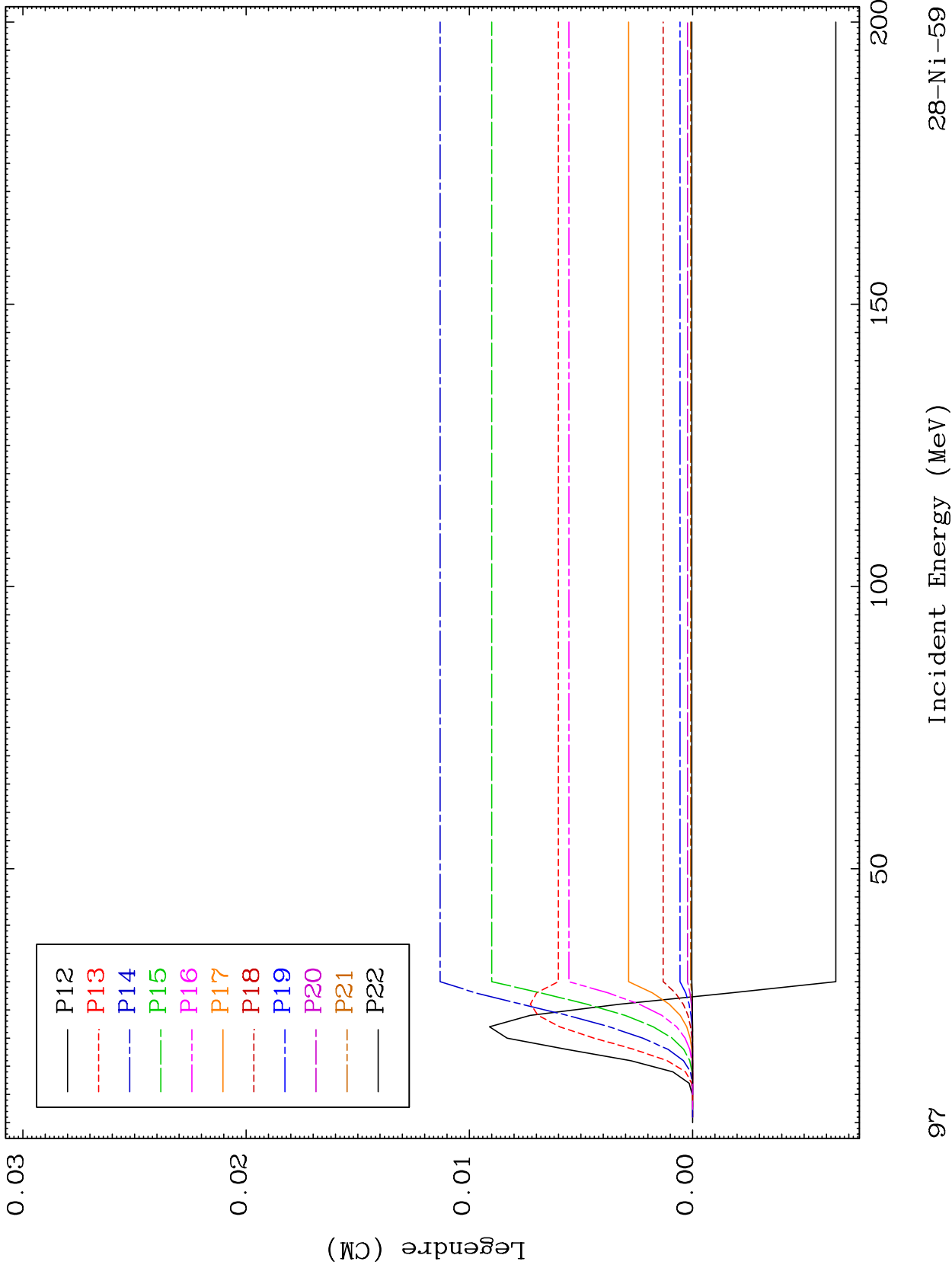


93





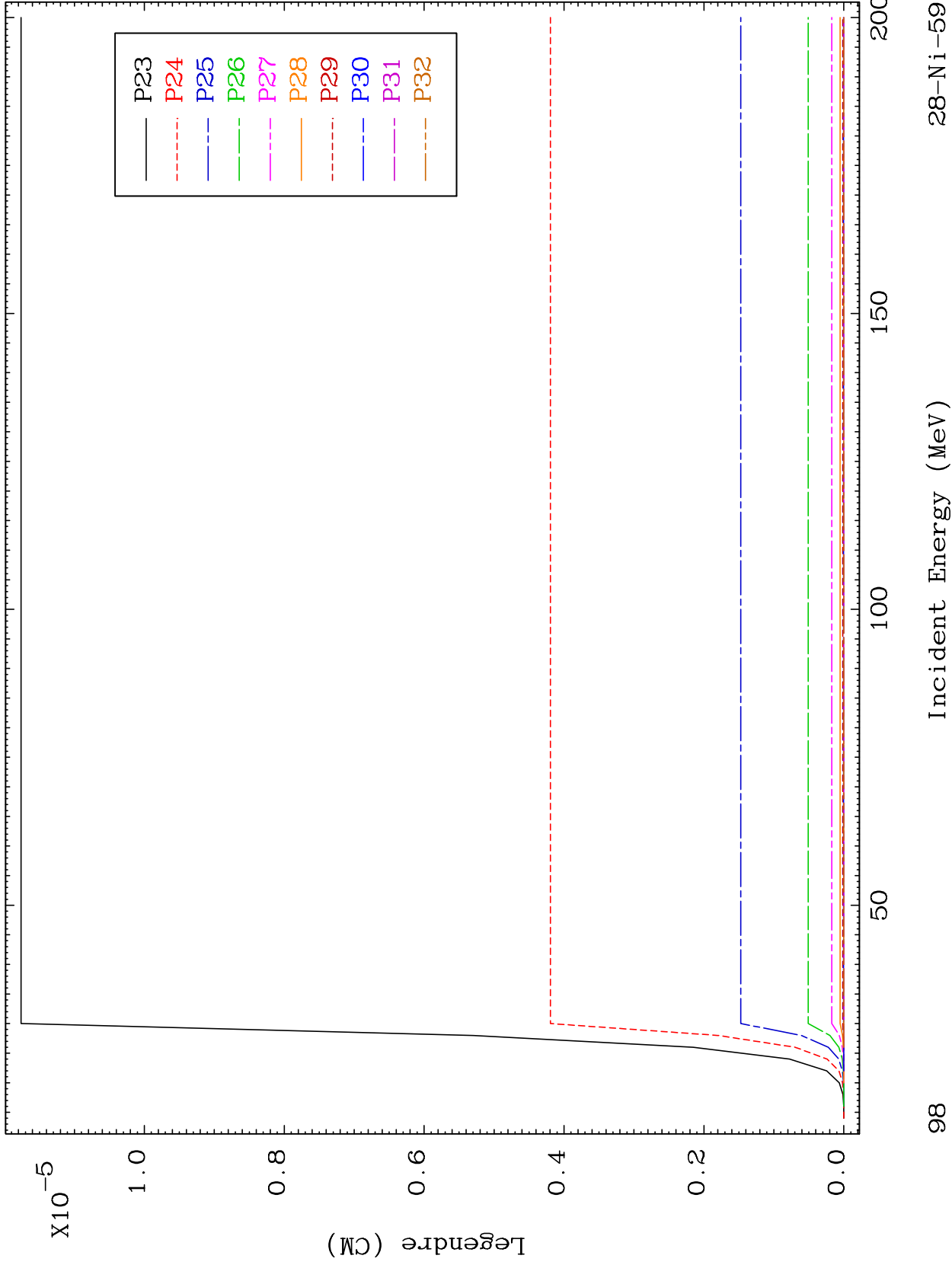




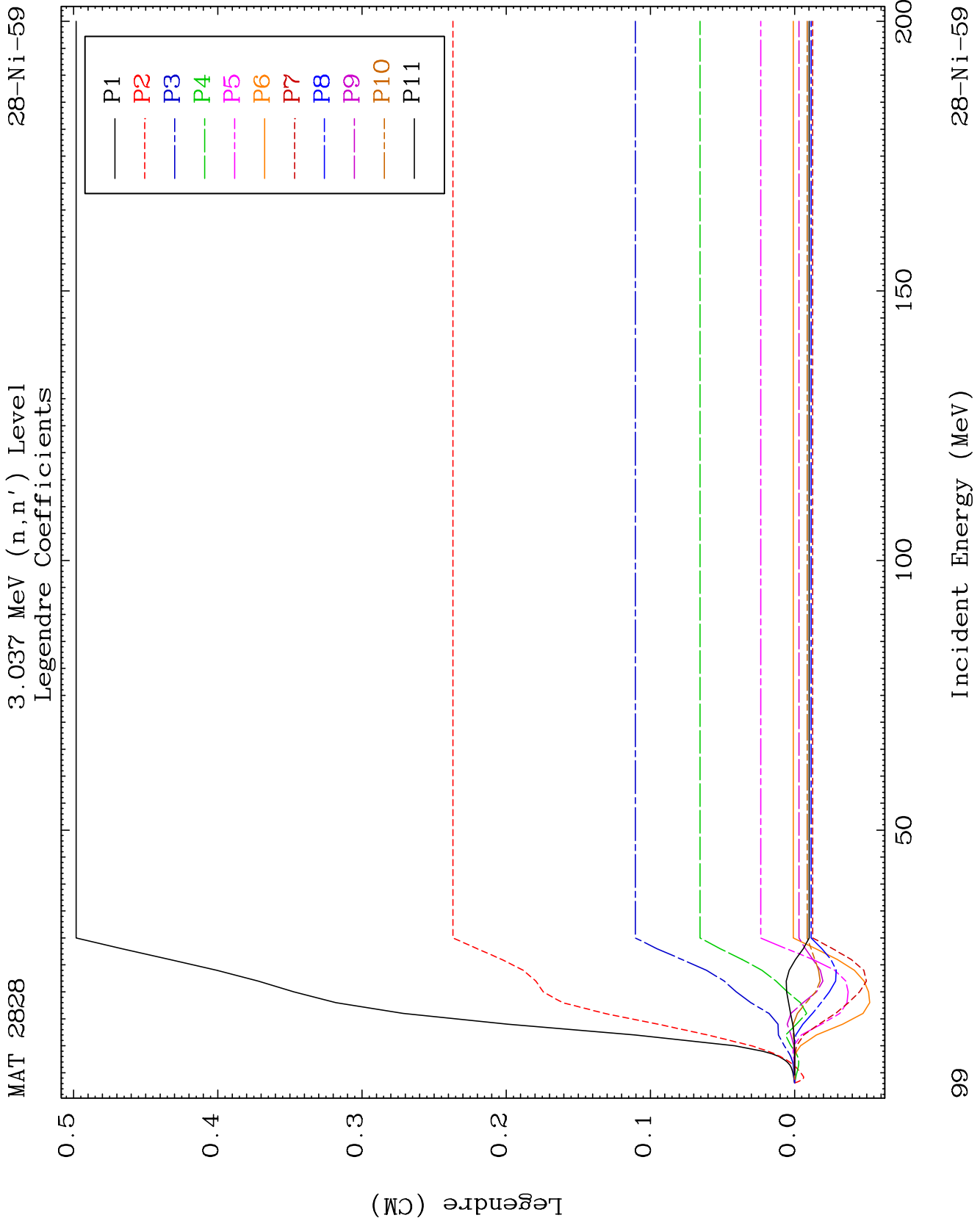
MAT 2828

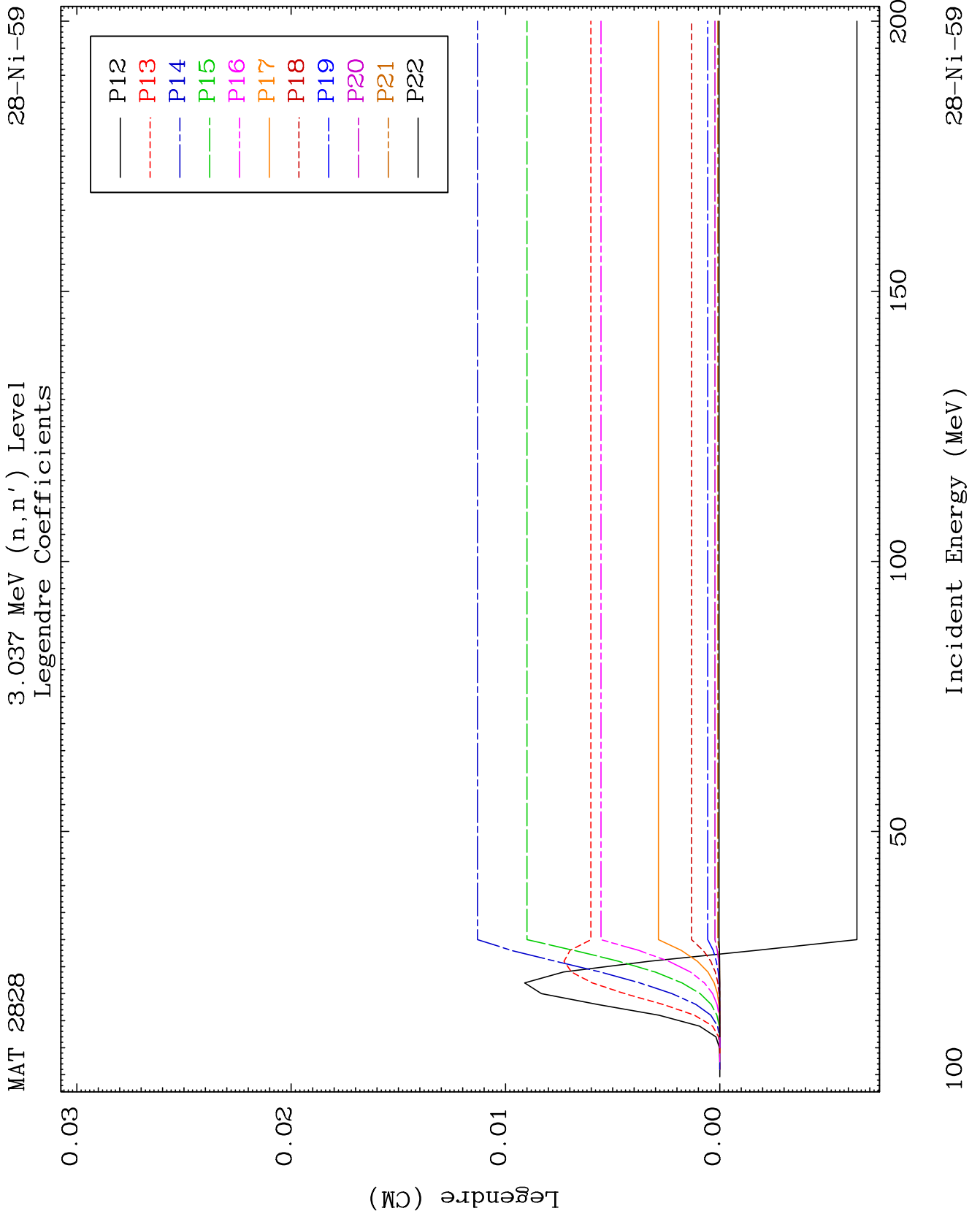
3.026 MeV (n,n') Level
Legendre Coefficients

28-Ni-59



98

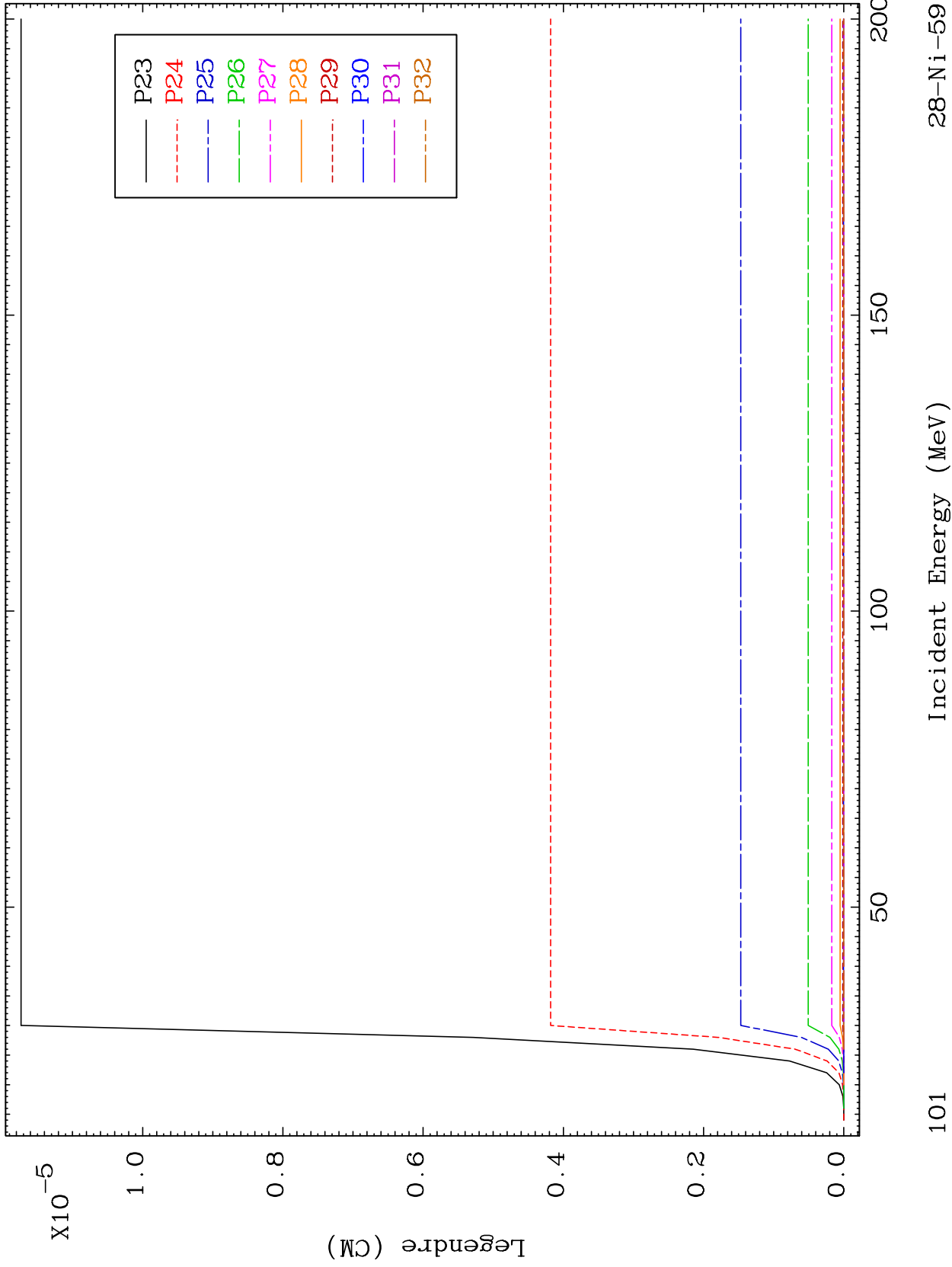


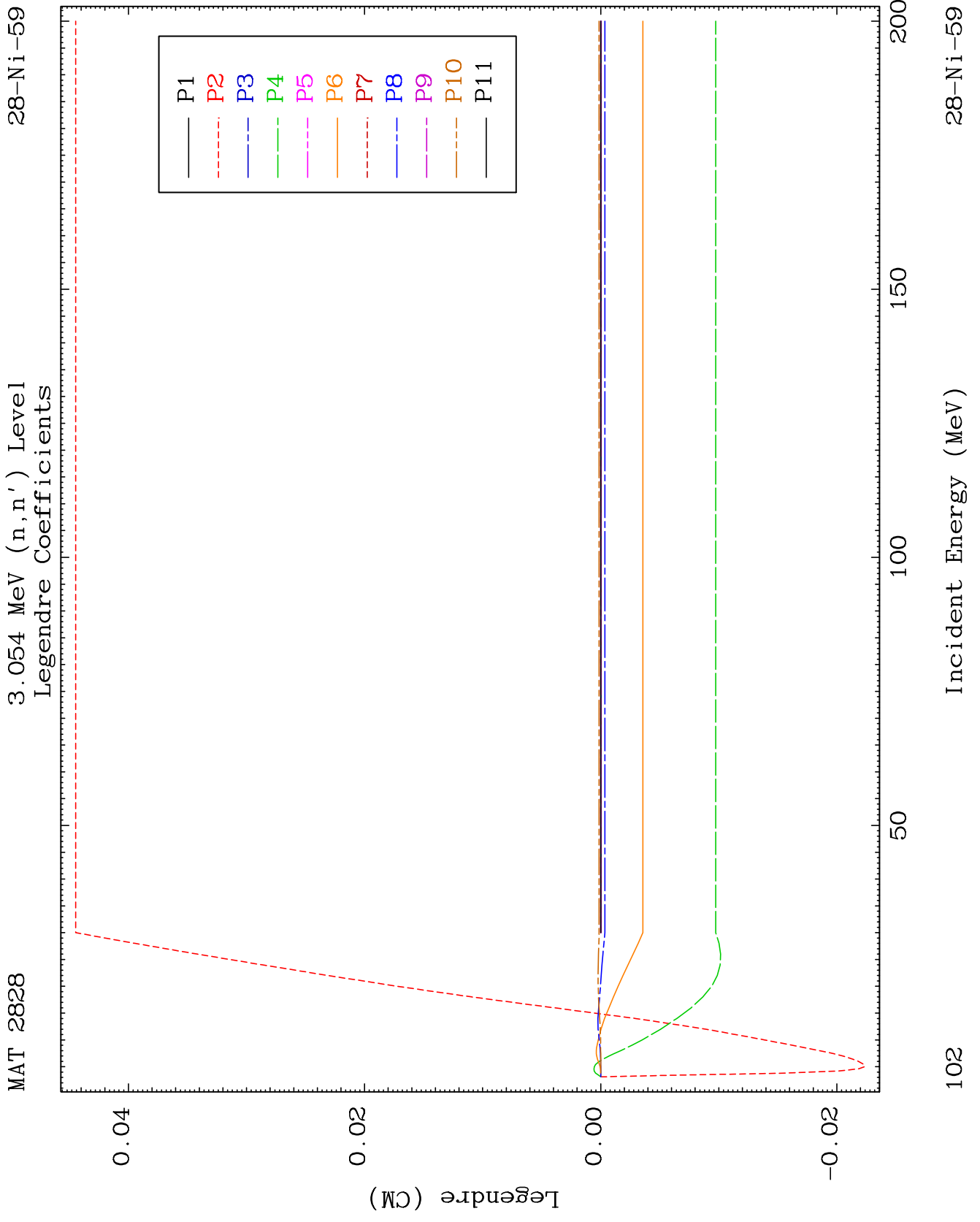


MAT 2828

3.037 MeV (n,n') Level
Legendre Coefficients

28-Ni-59

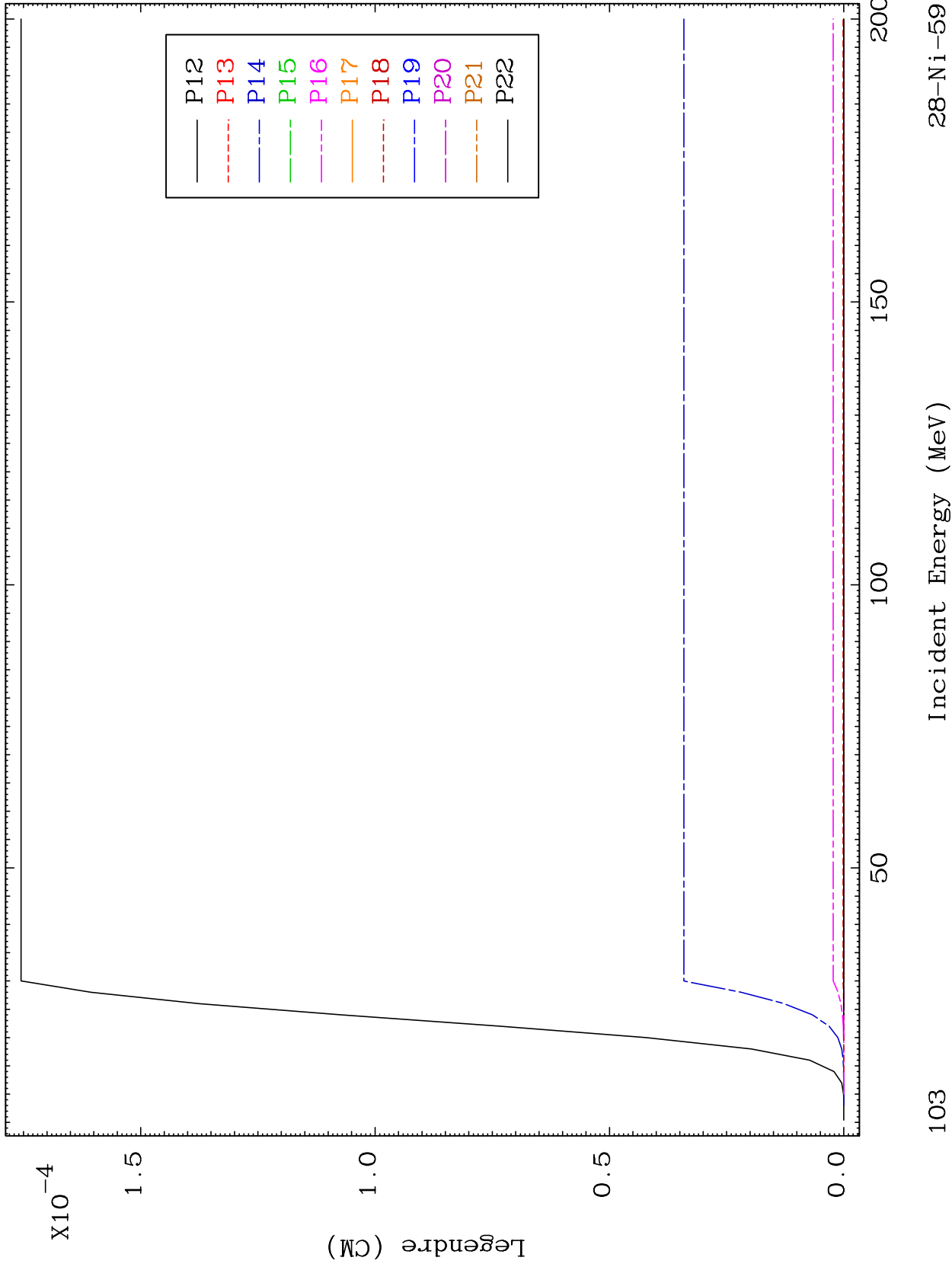




MAT 2828

3.054 MeV (n,n') Level
Legendre Coefficients

28-Ni-59



103

Incident Energy (MeV)

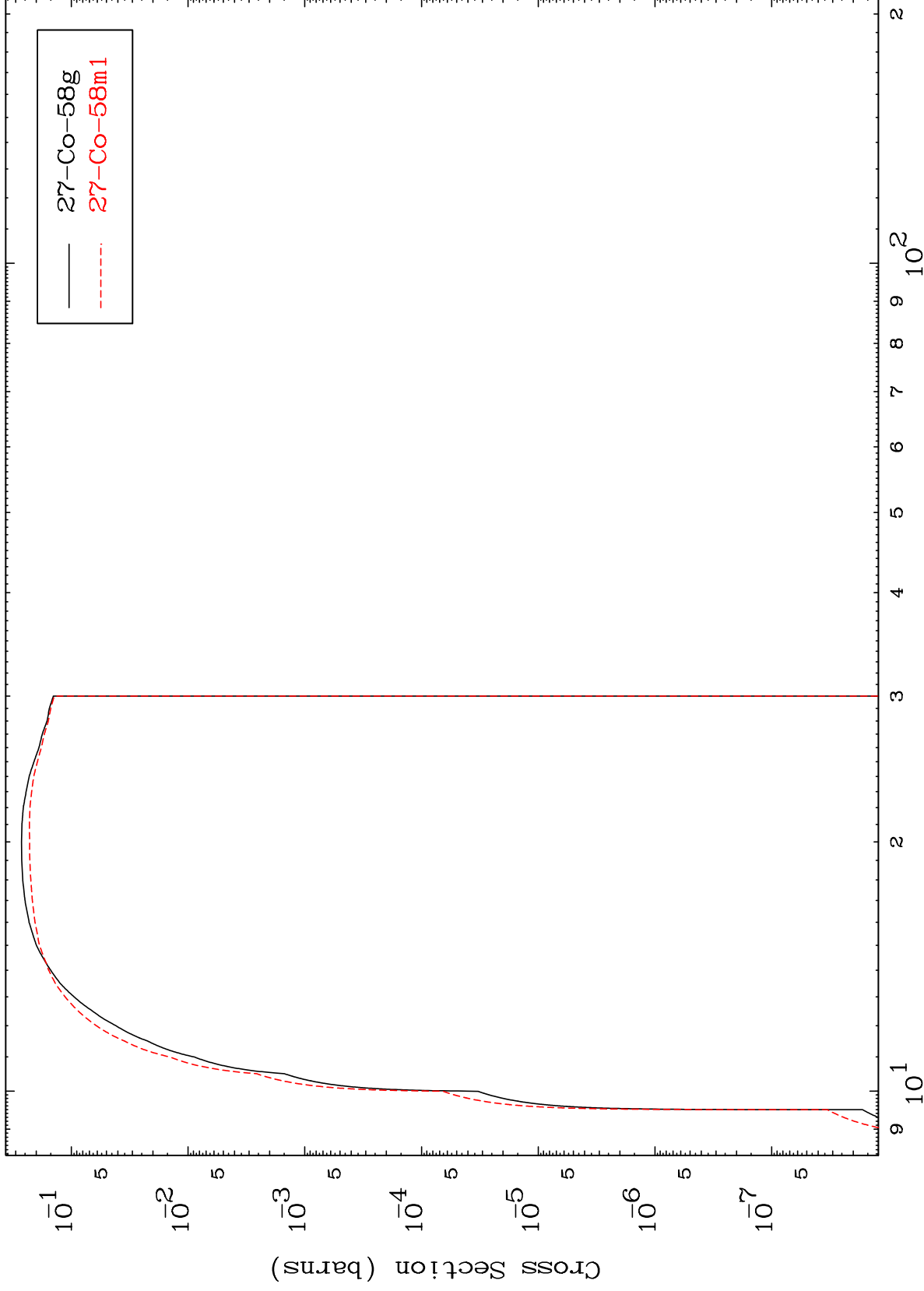
28-Ni-59

MAT 2828

(n,n') p

28-Ni-59

Radionuclide Production Cross Section



104

Incident Energy (MeV)

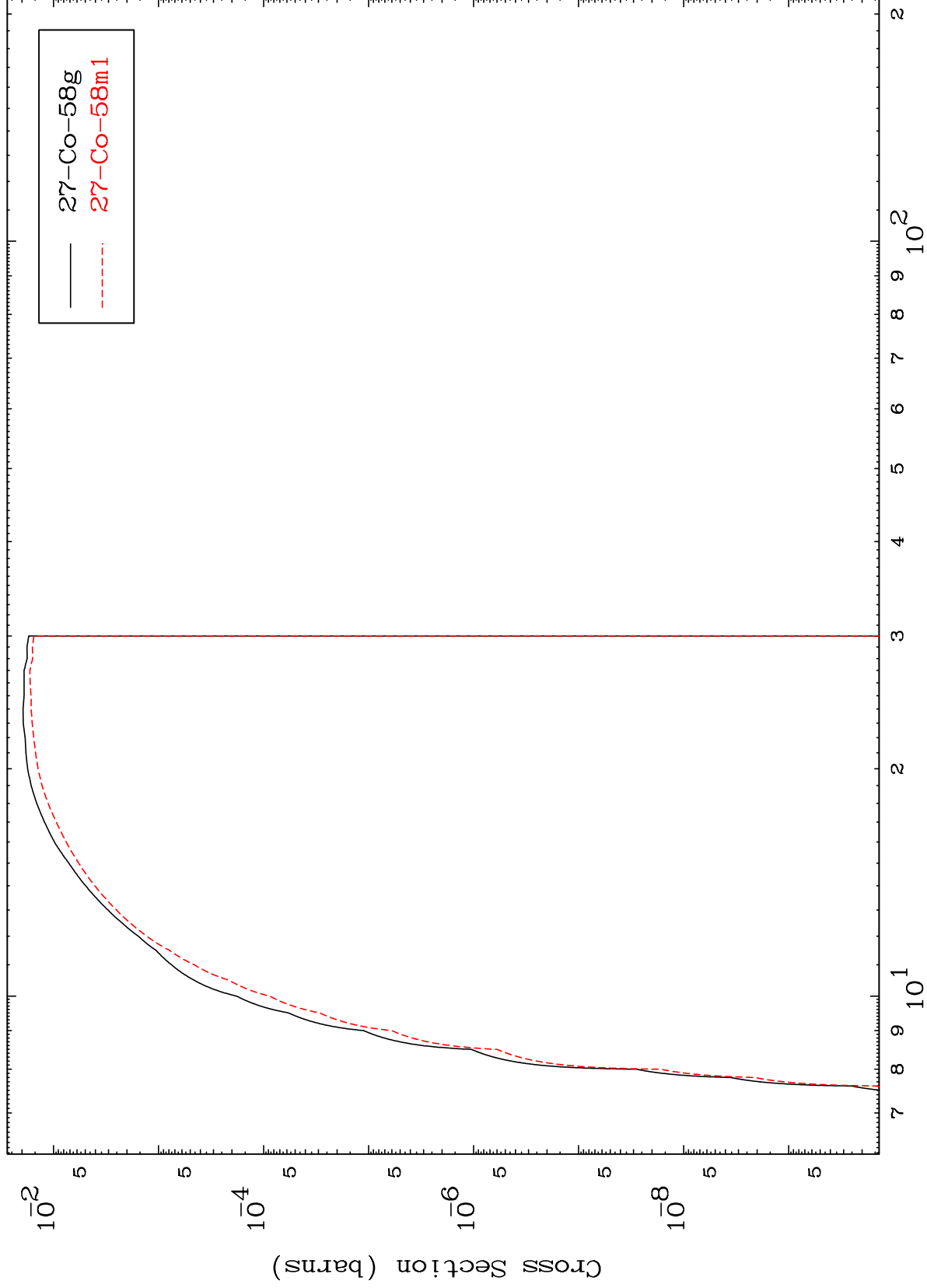
28-Ni-59

MAT 2828

(n,d)

28-Ni-59

Radionuclide Production Cross Section



105

Incident Energy (MeV)

28-Ni-59