

Program EVALPLOT
(Version 2015-2)

by

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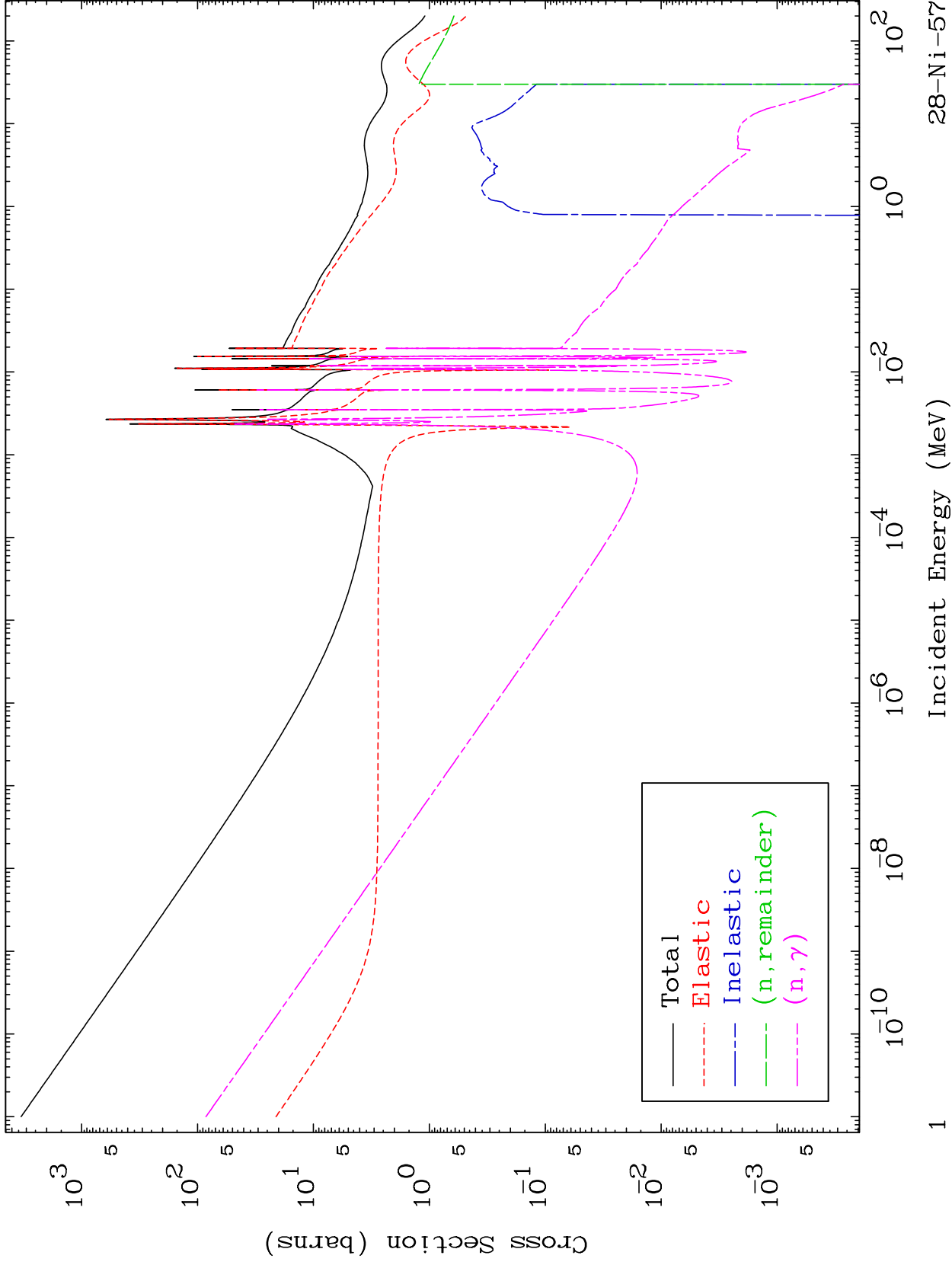
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

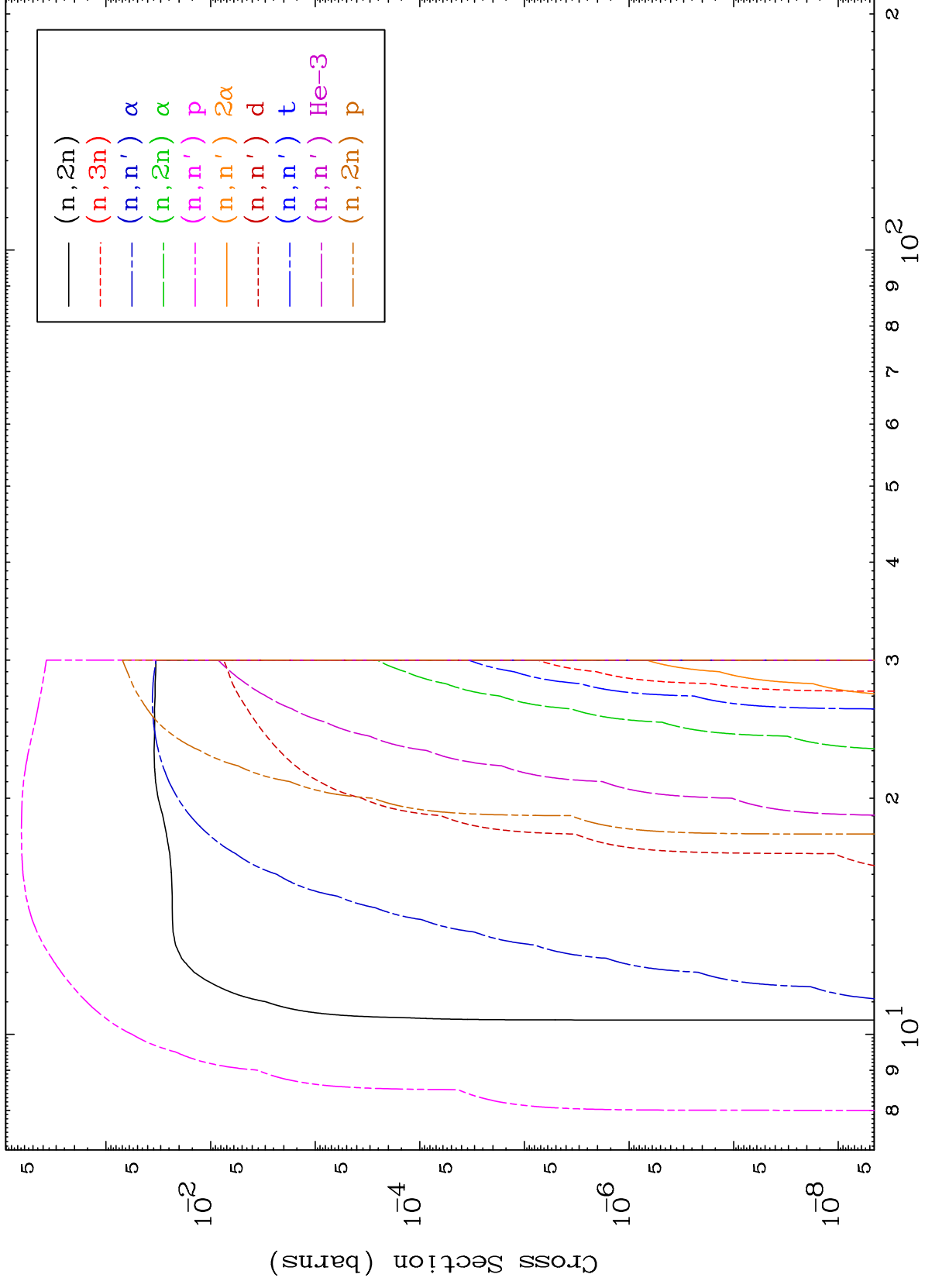
Press Mouse Button to Start

MAT 2822

Major
293 Kelvin Cross Sections

28-Ni-57

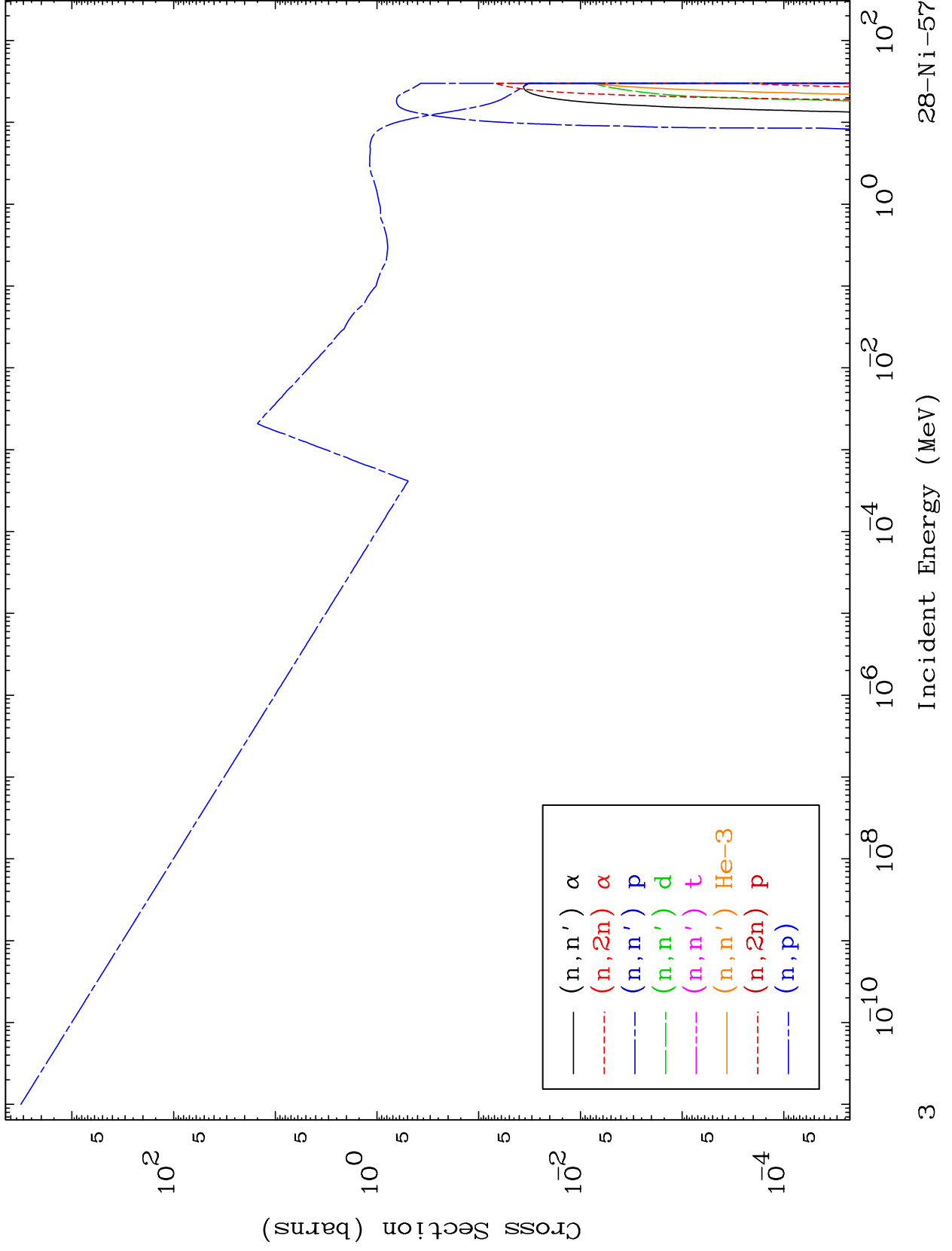


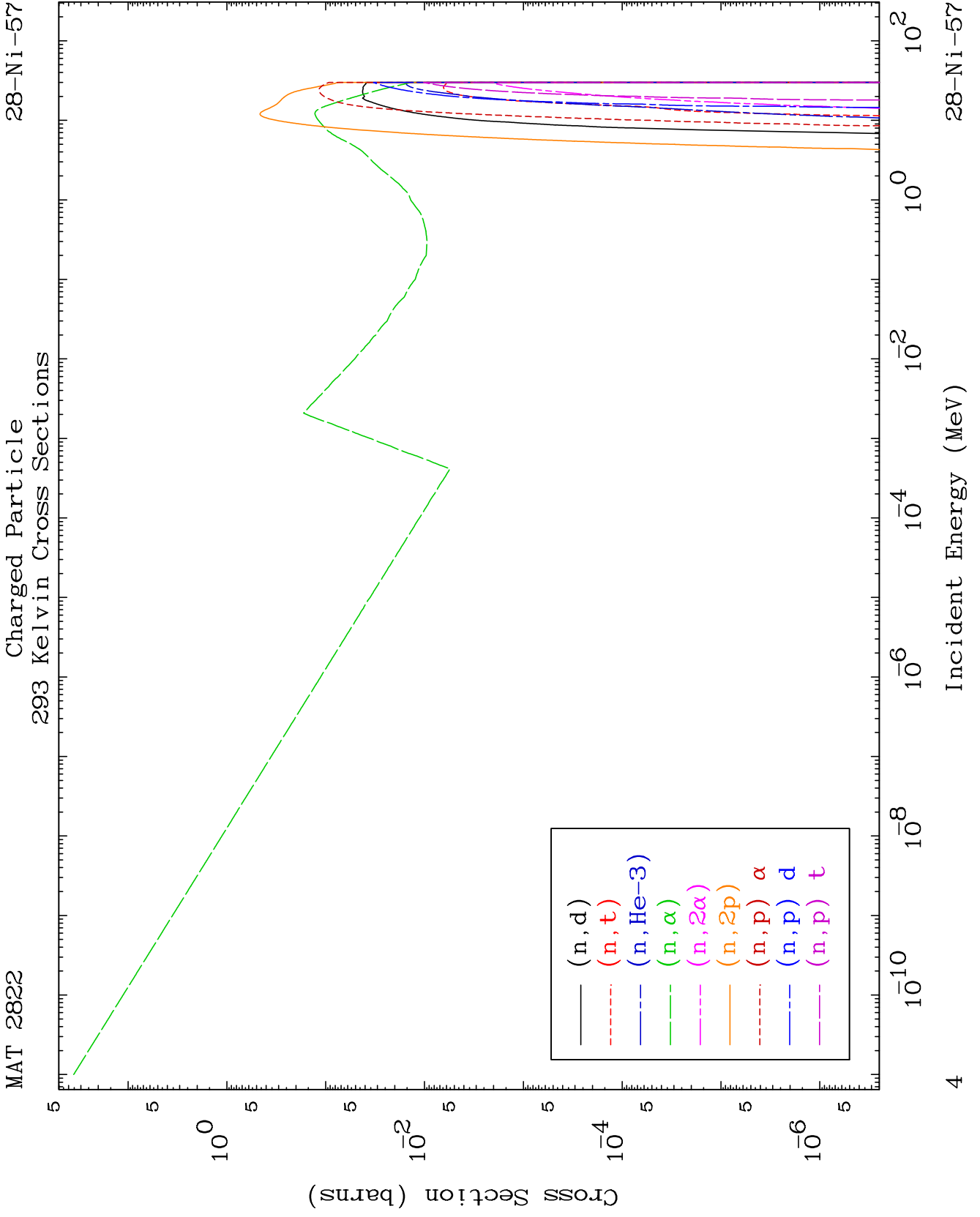


MAT 2822

Charged Particle
293 Kelvin Cross Sections

28-Ni-57

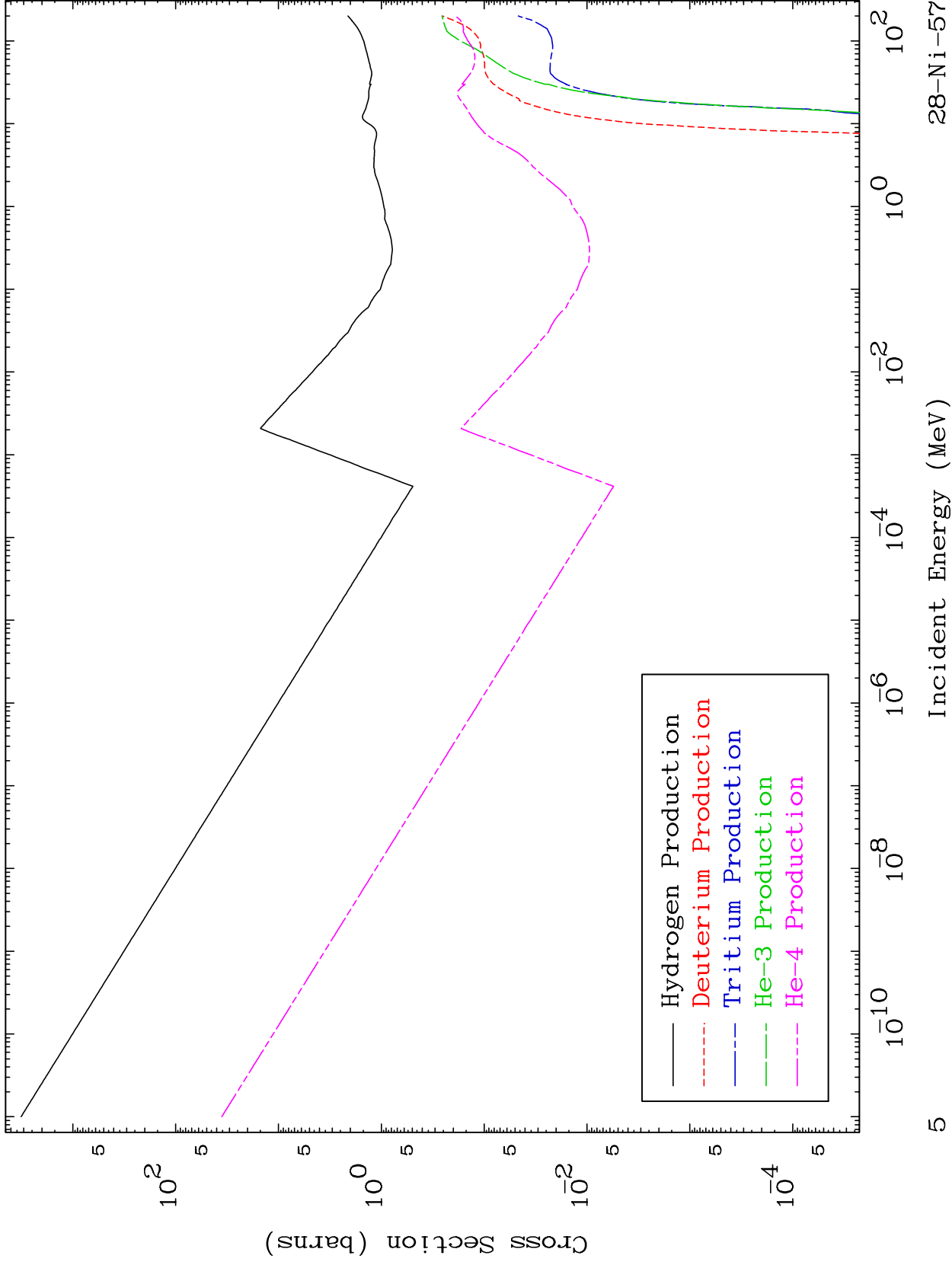




MAT 2822

Particle Production
293 Kelvin Cross Sections

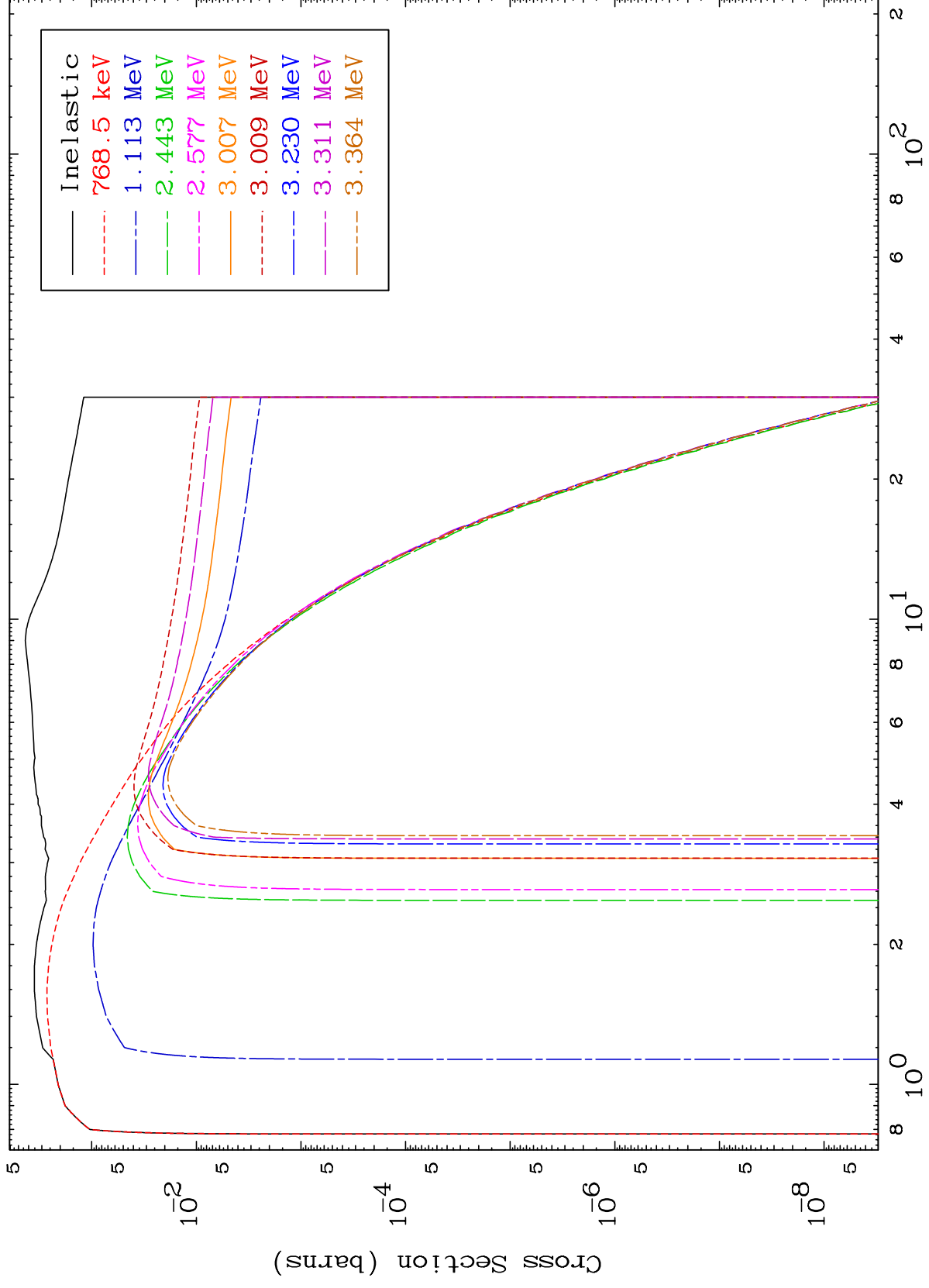
28-Ni-57



MAT 2822

(n,n') Level
293 Kelvin Cross Sections

28-Ni-57



28-Ni-57

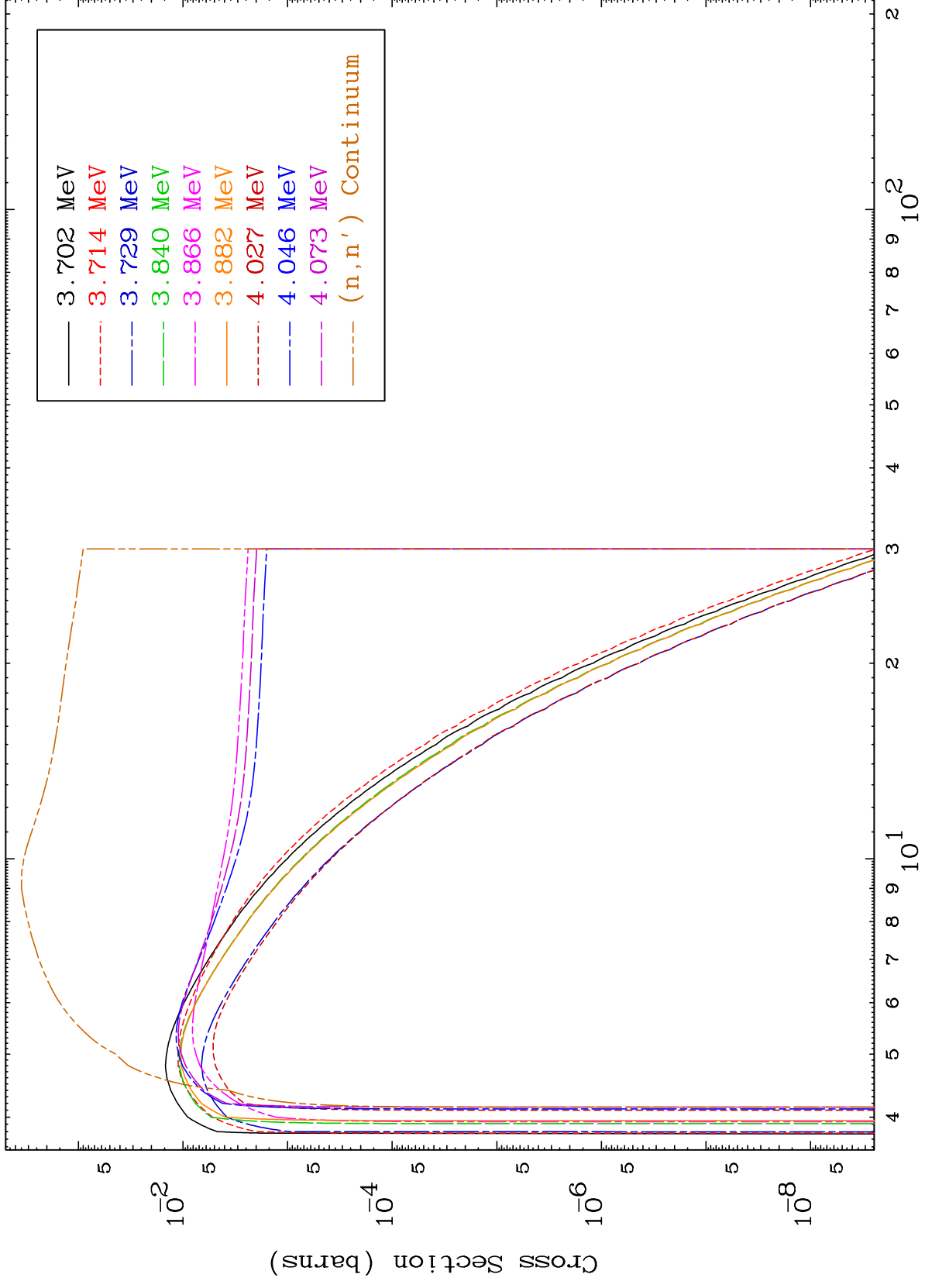
Incident Energy (MeV)

6

MAT 2822

(n,n') Level
293 Kelvin Cross Sections

28-Ni-57



7

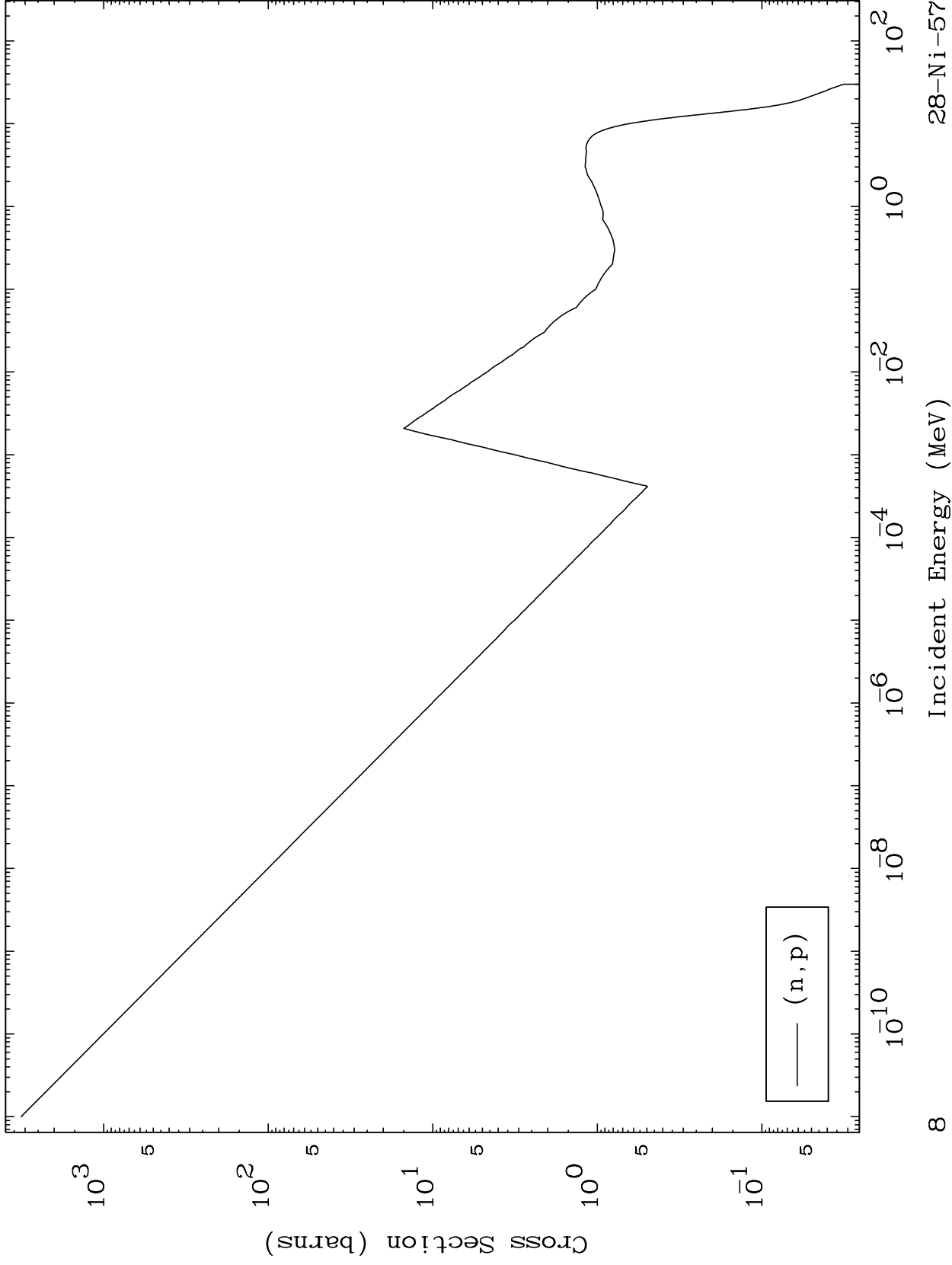
Incident Energy (MeV)

28-Ni-57

MAT 2822

(n,p) Levels
293 Kelvin Cross Sections

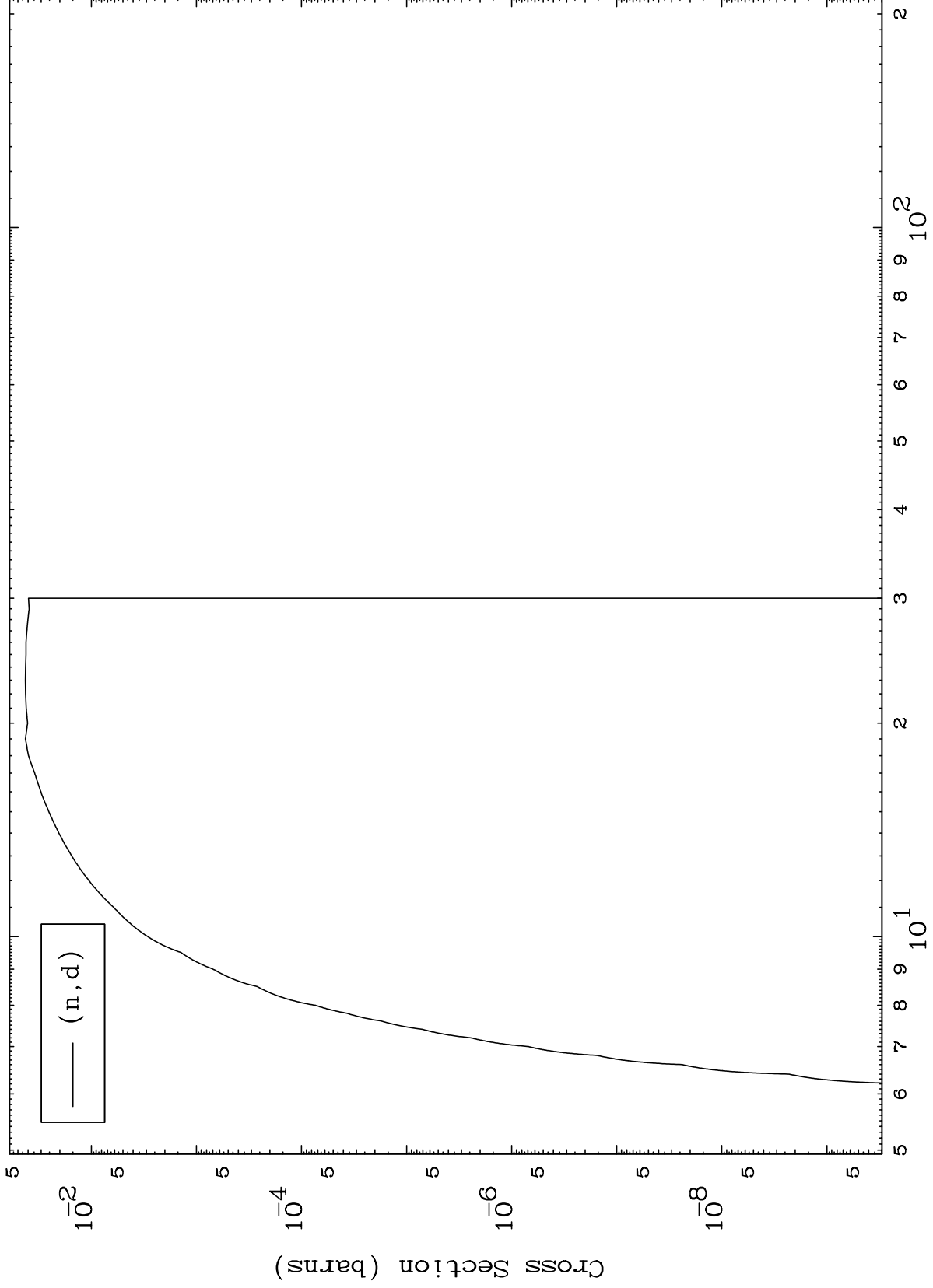
28-Ni-57



MAT 28222

(n,d) Levels
293 Kelvin Cross Sections

28-Ni-57



9

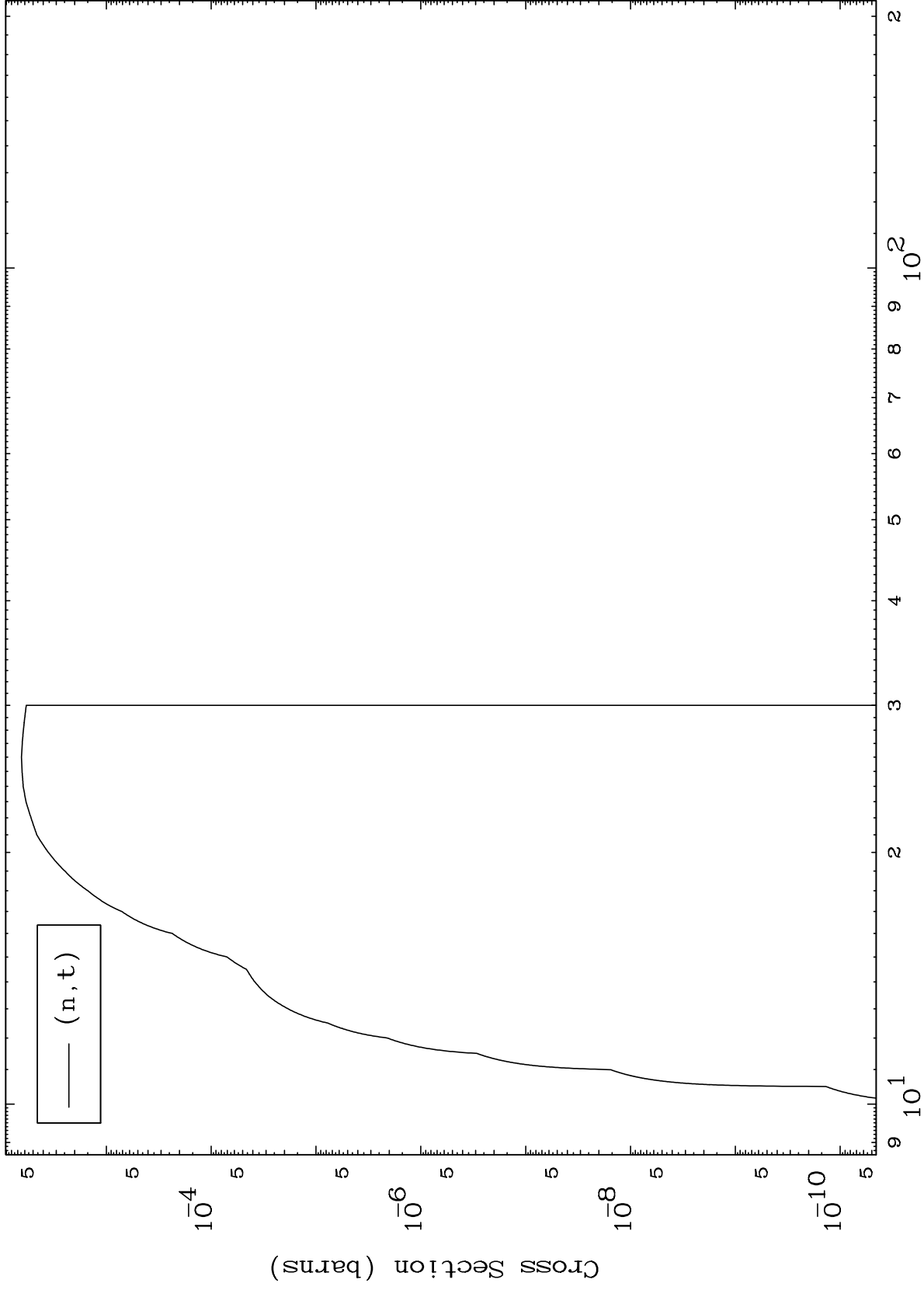
Incident Energy (MeV)

28-Ni-57

MAT 2822

(n,t) Levels
293 Kelvin Cross Sections

28-Ni-57



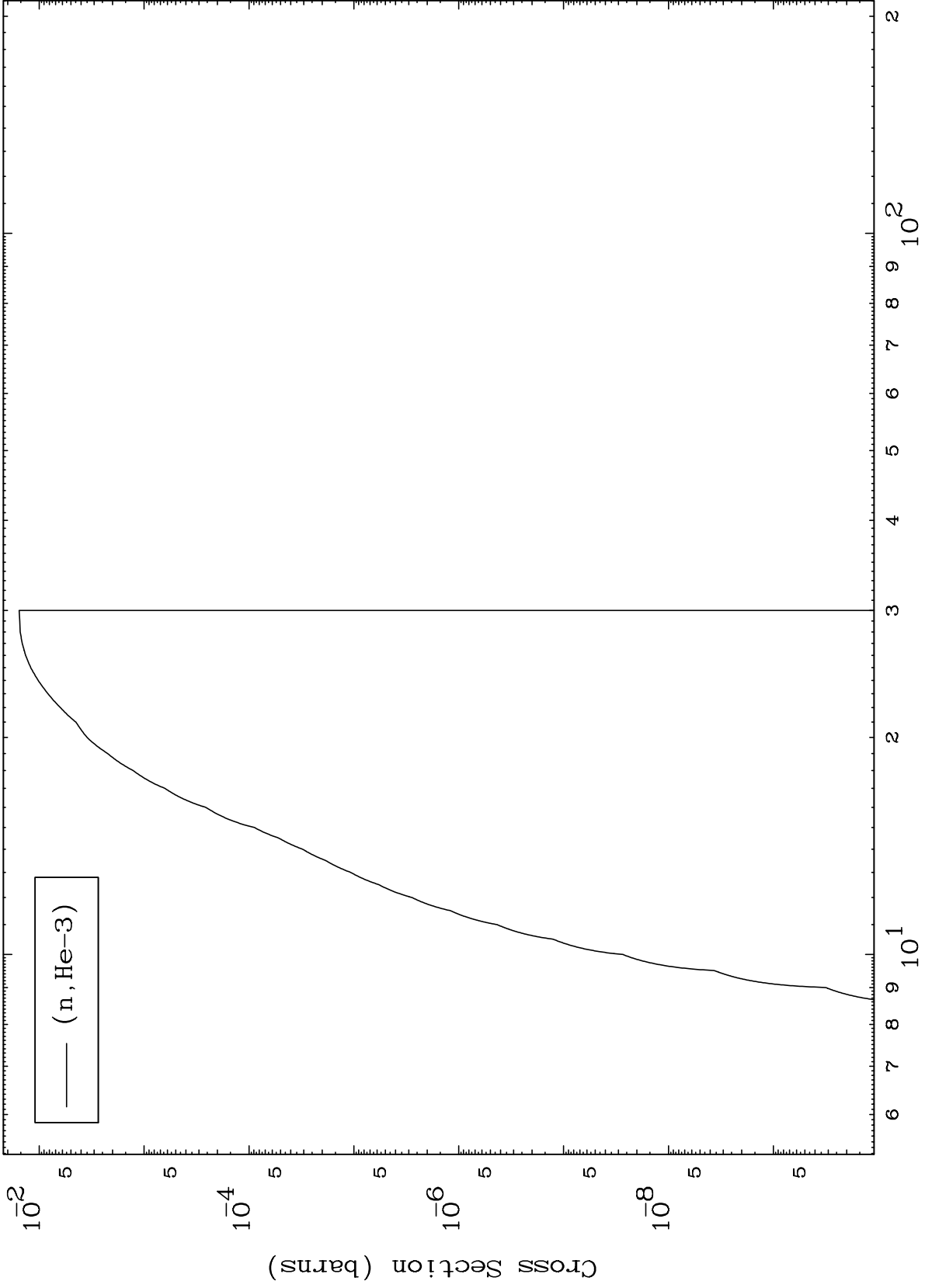
Incident Energy (MeV)

28-Ni-57

MAT 2822

(n,He3) Levels
293 Kelvin Cross Sections

28-Ni-57



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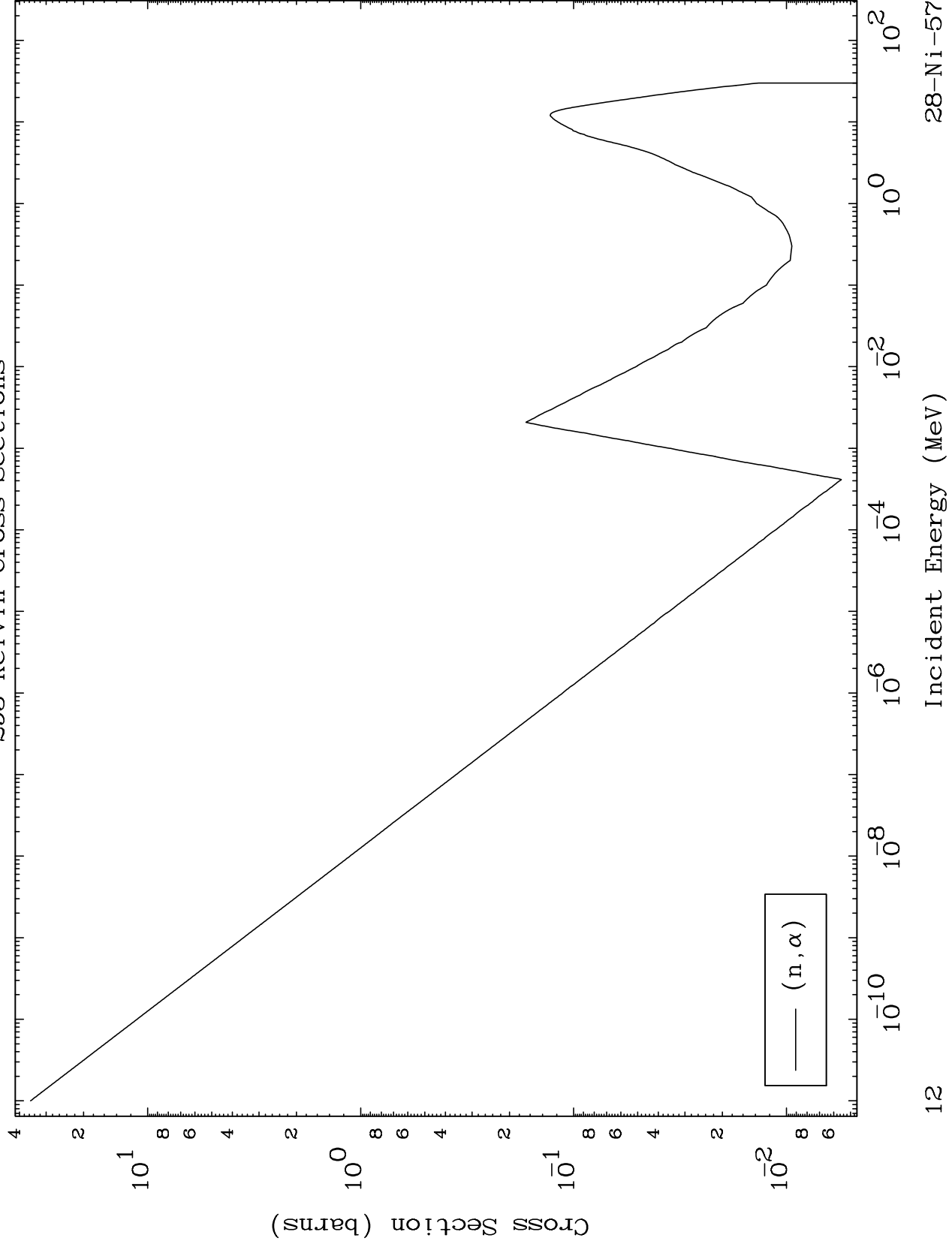
Incident Energy (MeV)

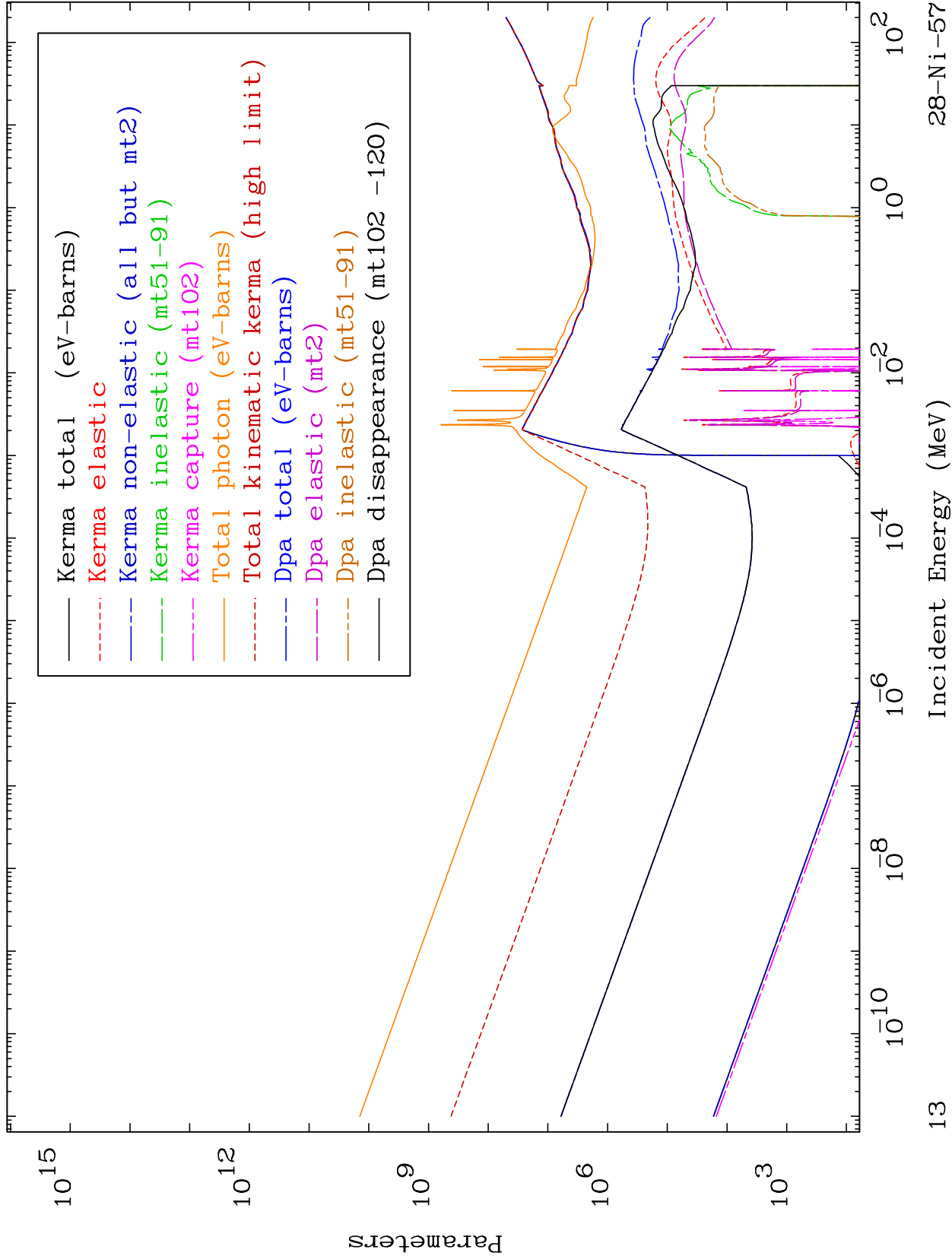
28-Ni-57

MAT 2822

(n,α) Levels
293 Kelvin Cross Sections

28-Ni-57

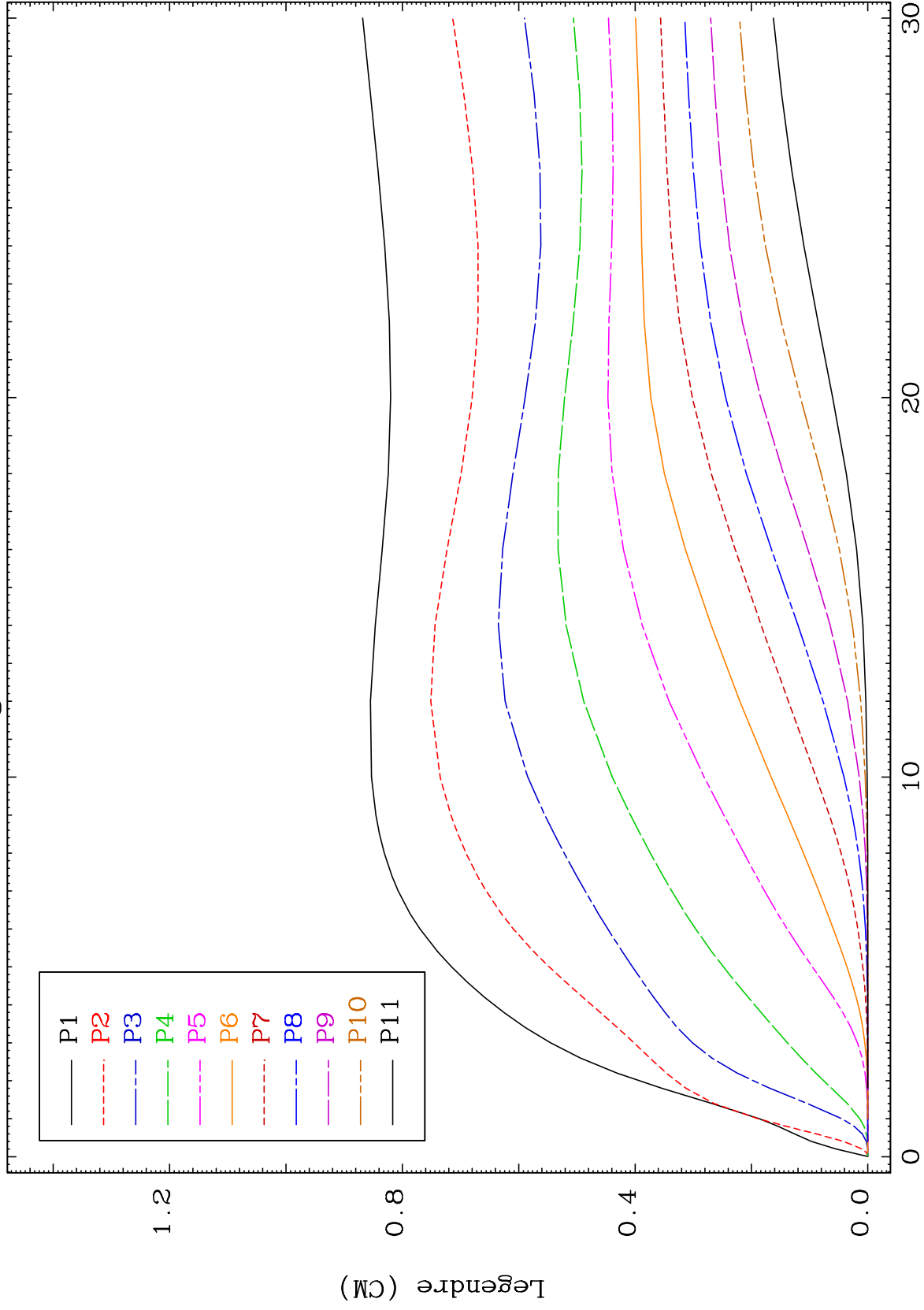




MAT 28222

Elastic Legendre Coefficients

28-Ni-57



14

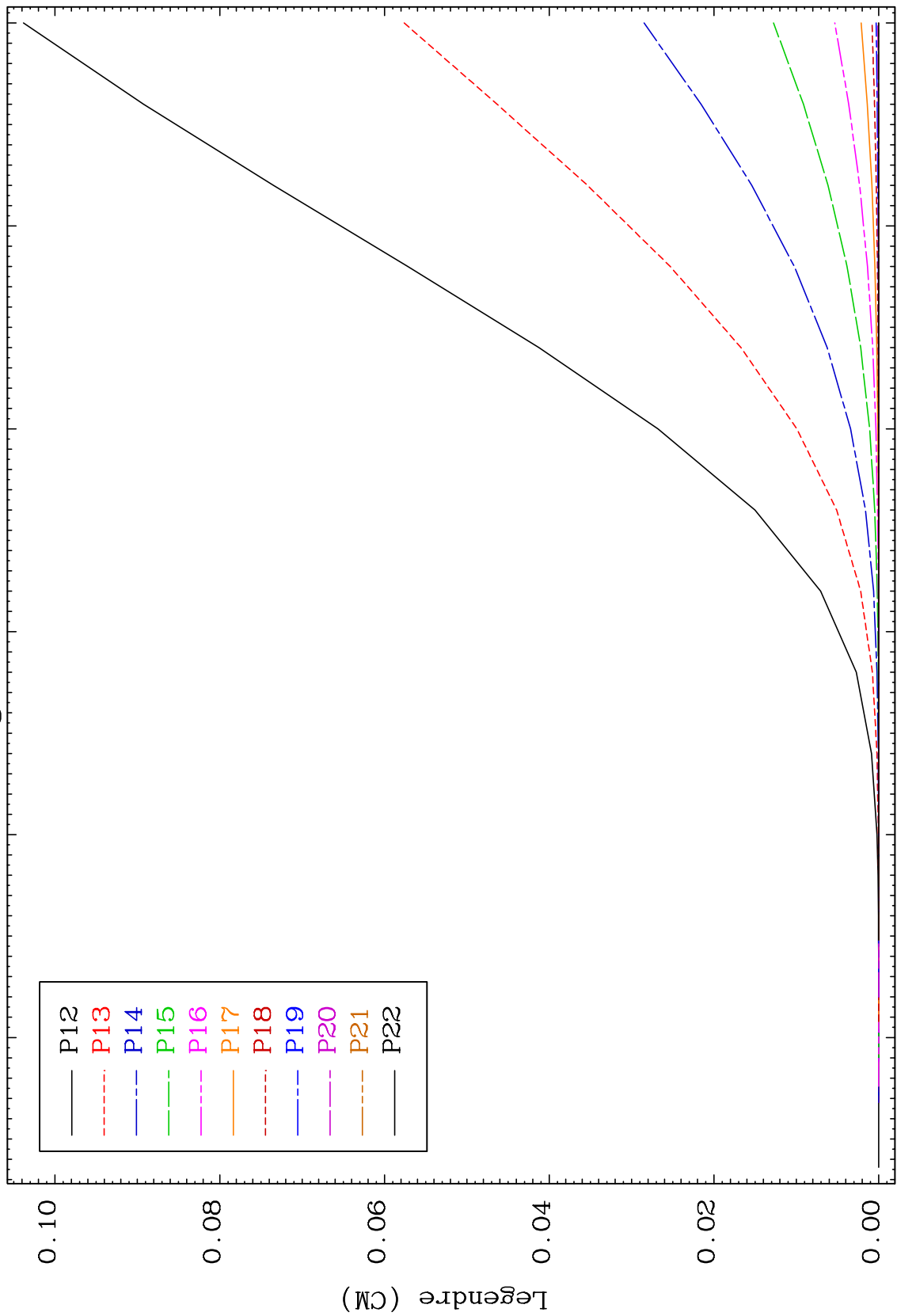
Incident Energy (MeV)

28-Ni-57

MAT 2822

Elastic Legendre Coefficients

28-Ni-57



15

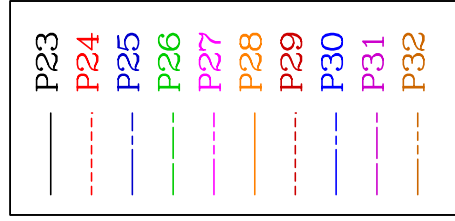
Incident Energy (MeV)

28-Ni-57

MAT 28222

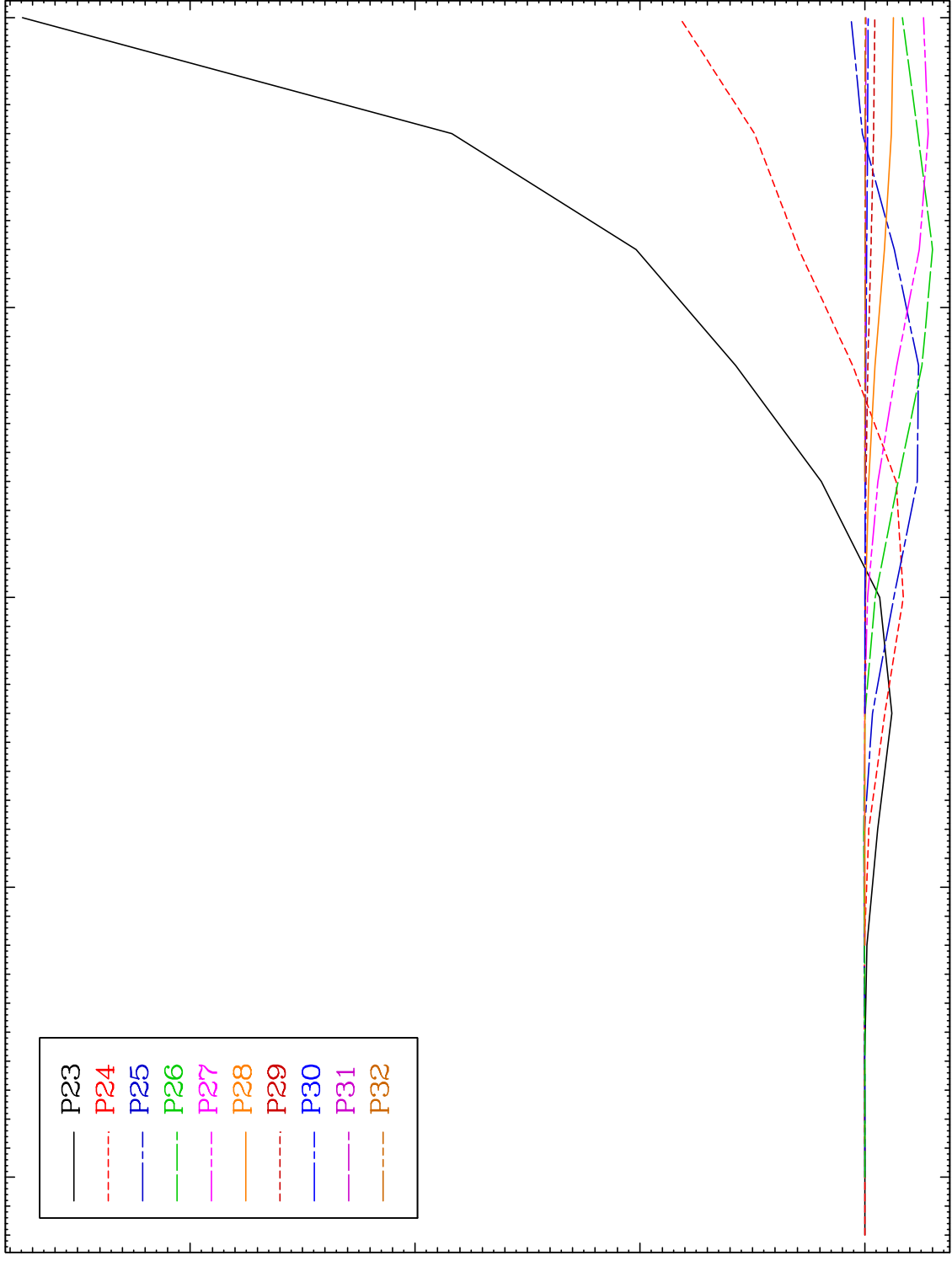
Elastic
Legendre Coefficients

28-Ni-57



$\times 10^{-6}$

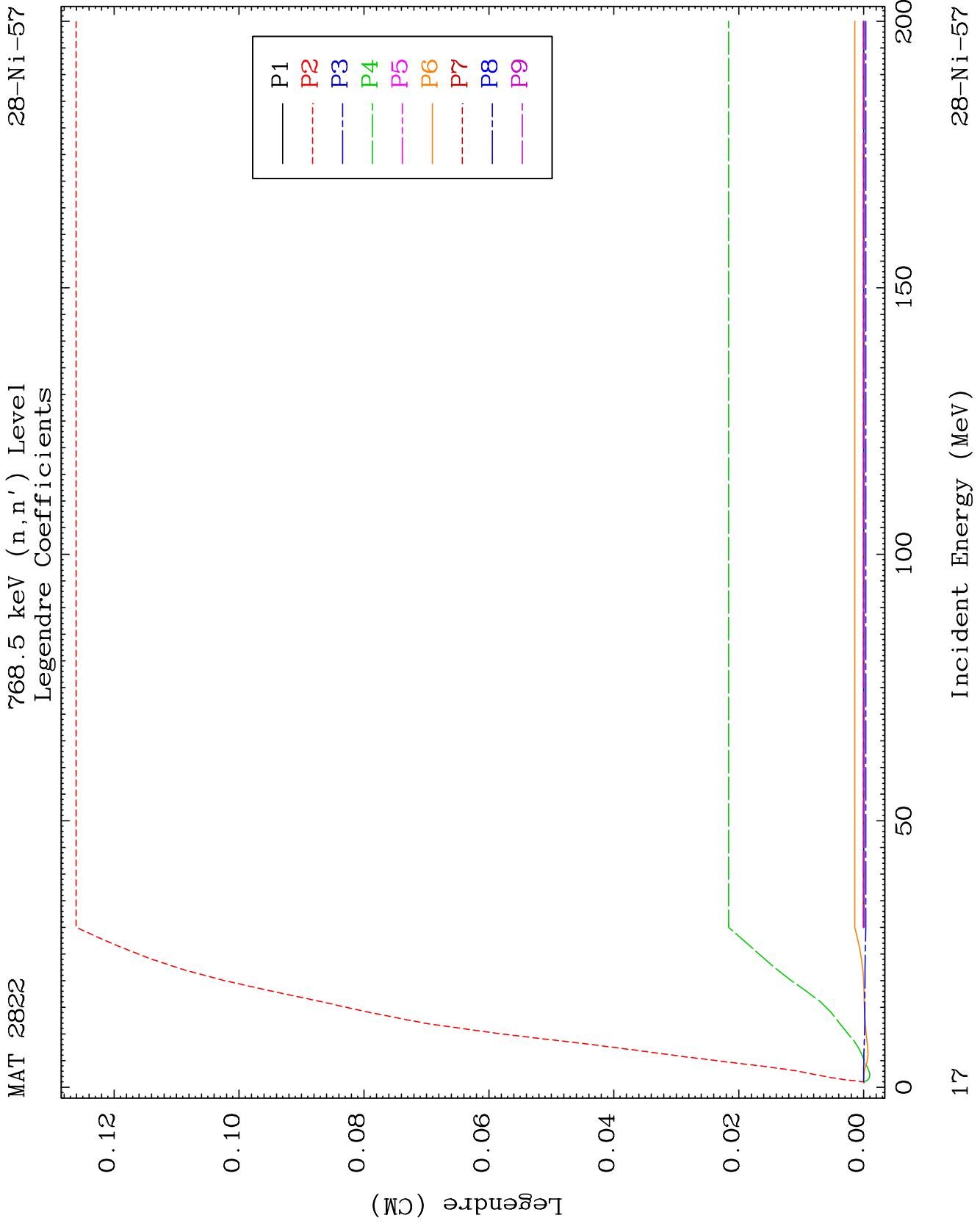
Legendre (CM)



16

Incident Energy (MeV)

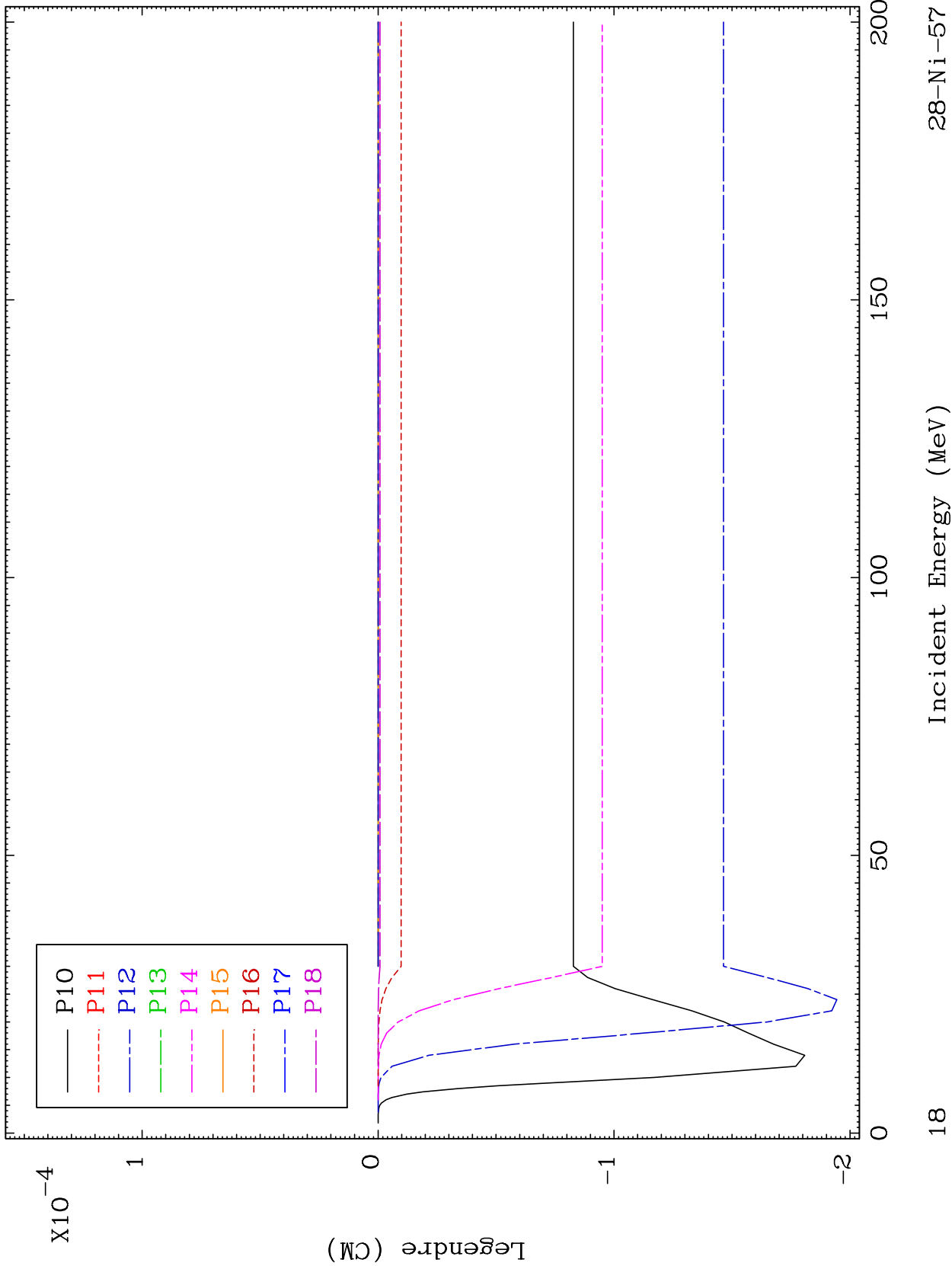
28-Ni-57

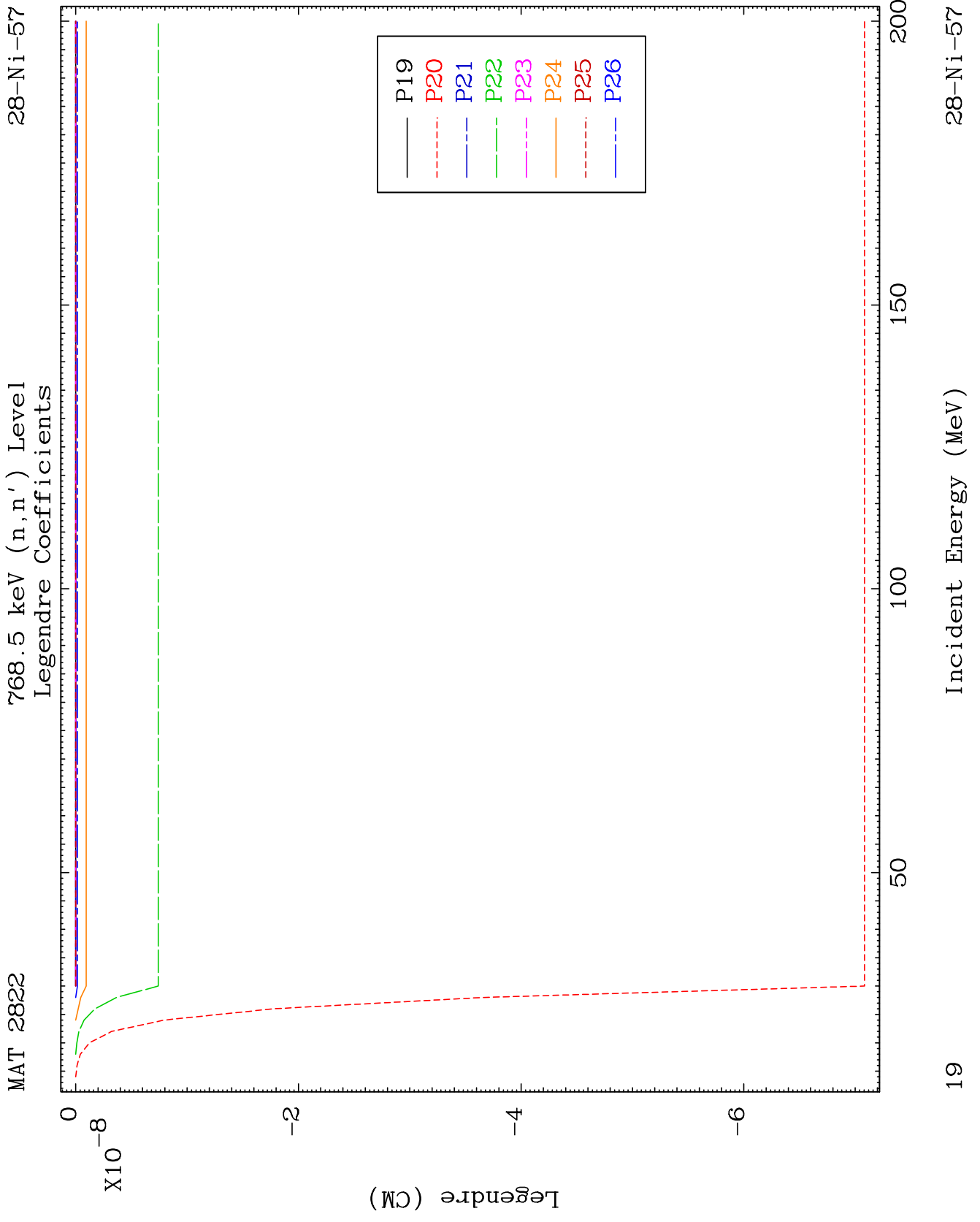


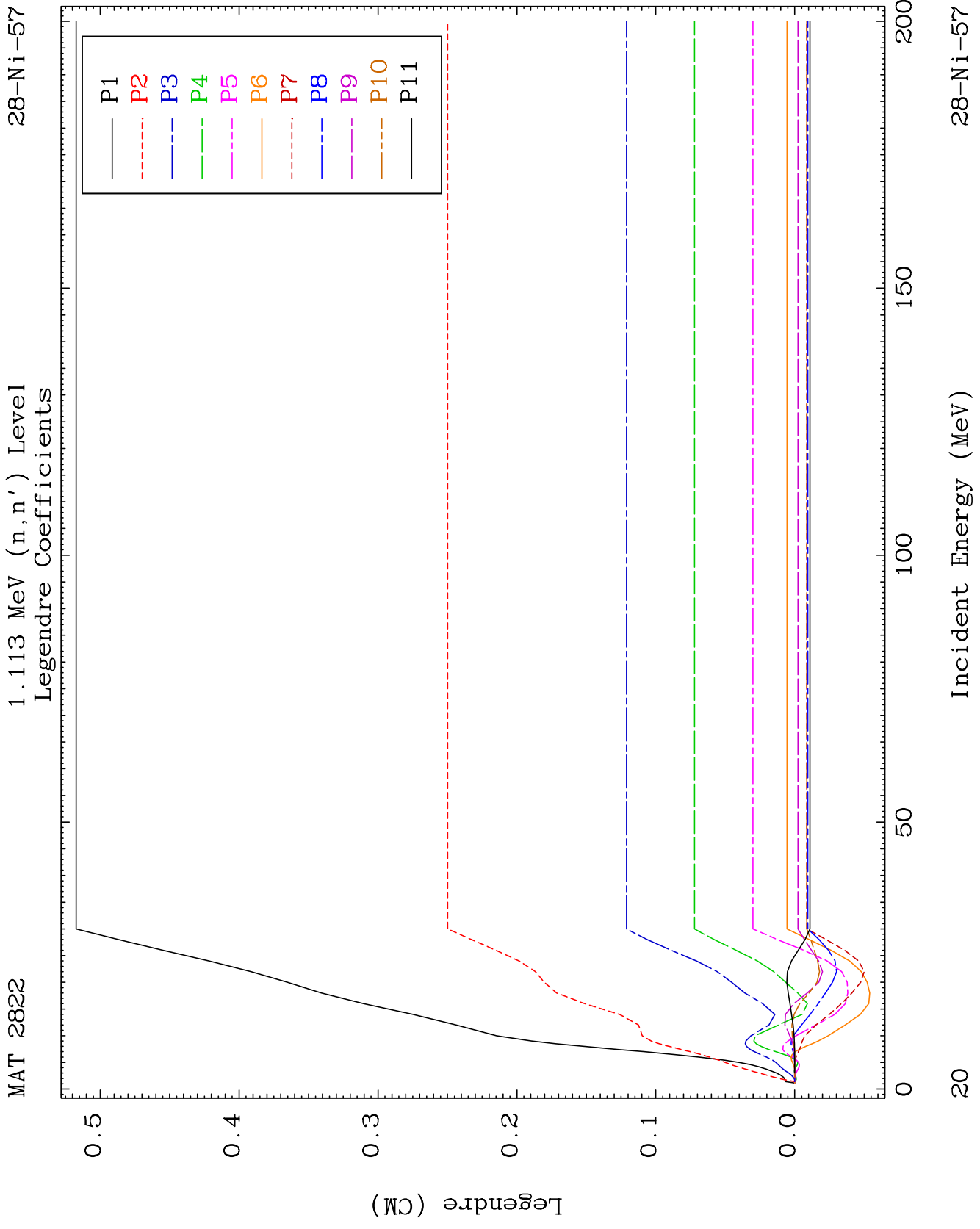
MAT 28222

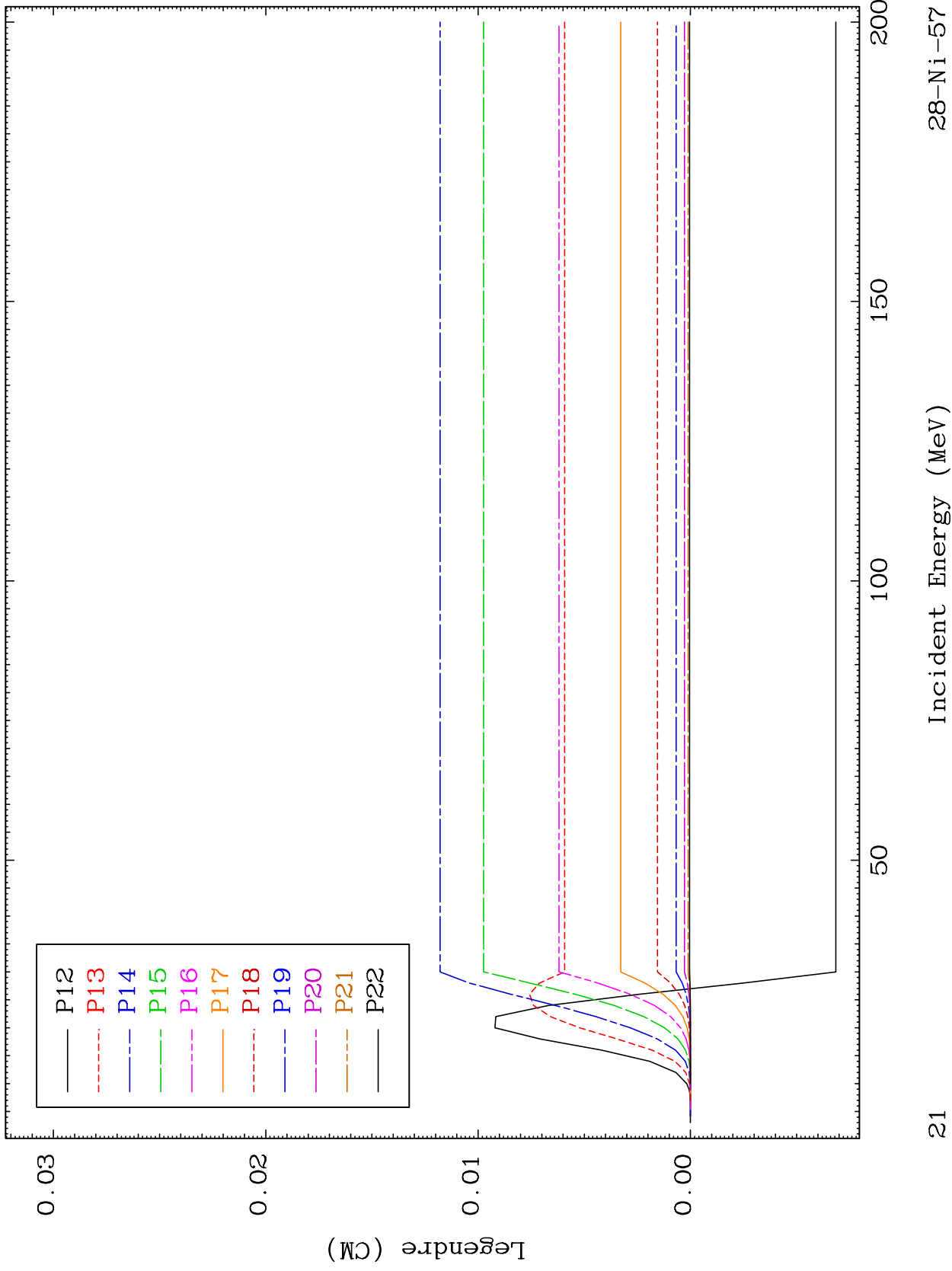
768.5 keV (n,n') Level
Legendre Coefficients

28-Ni-57

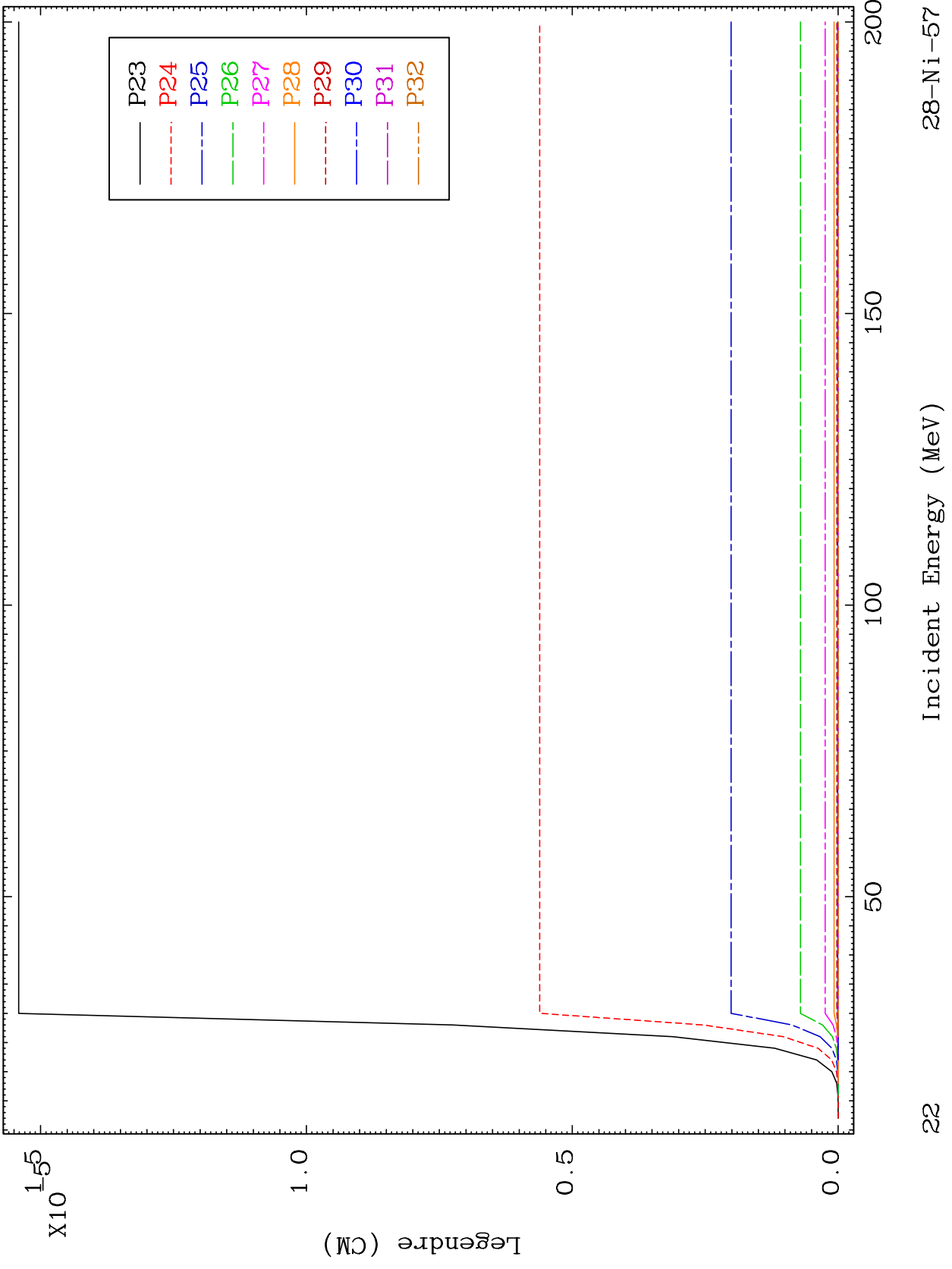


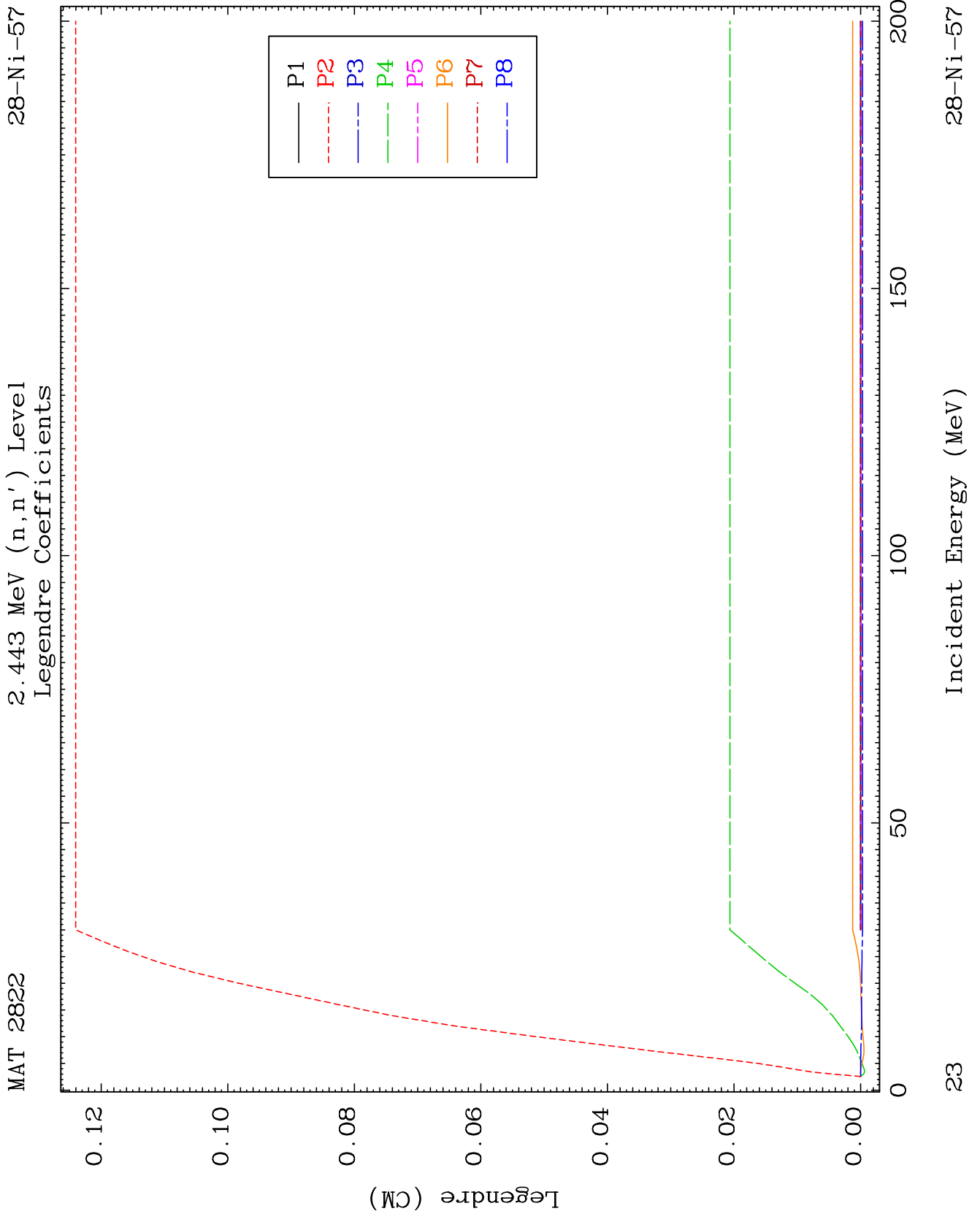


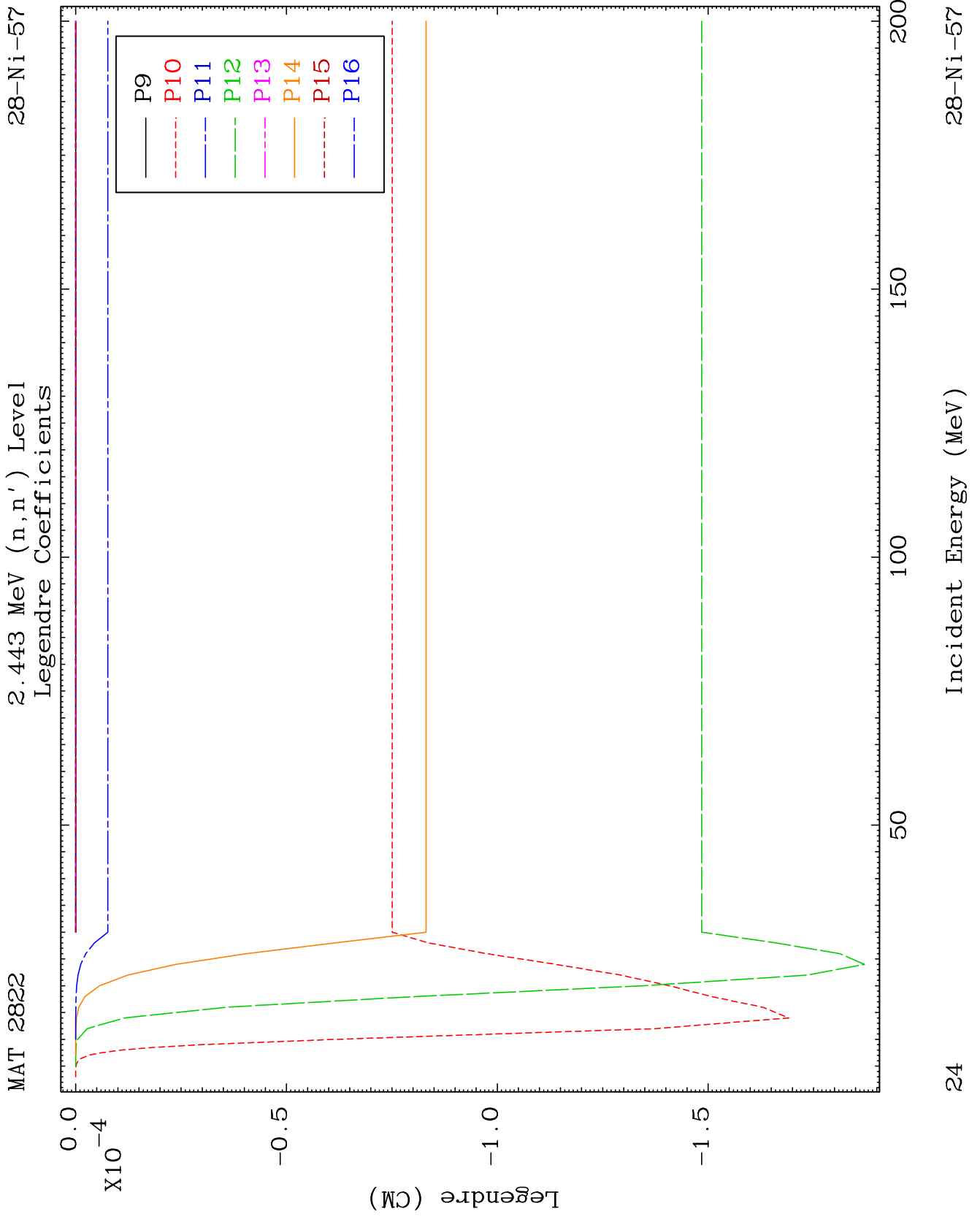


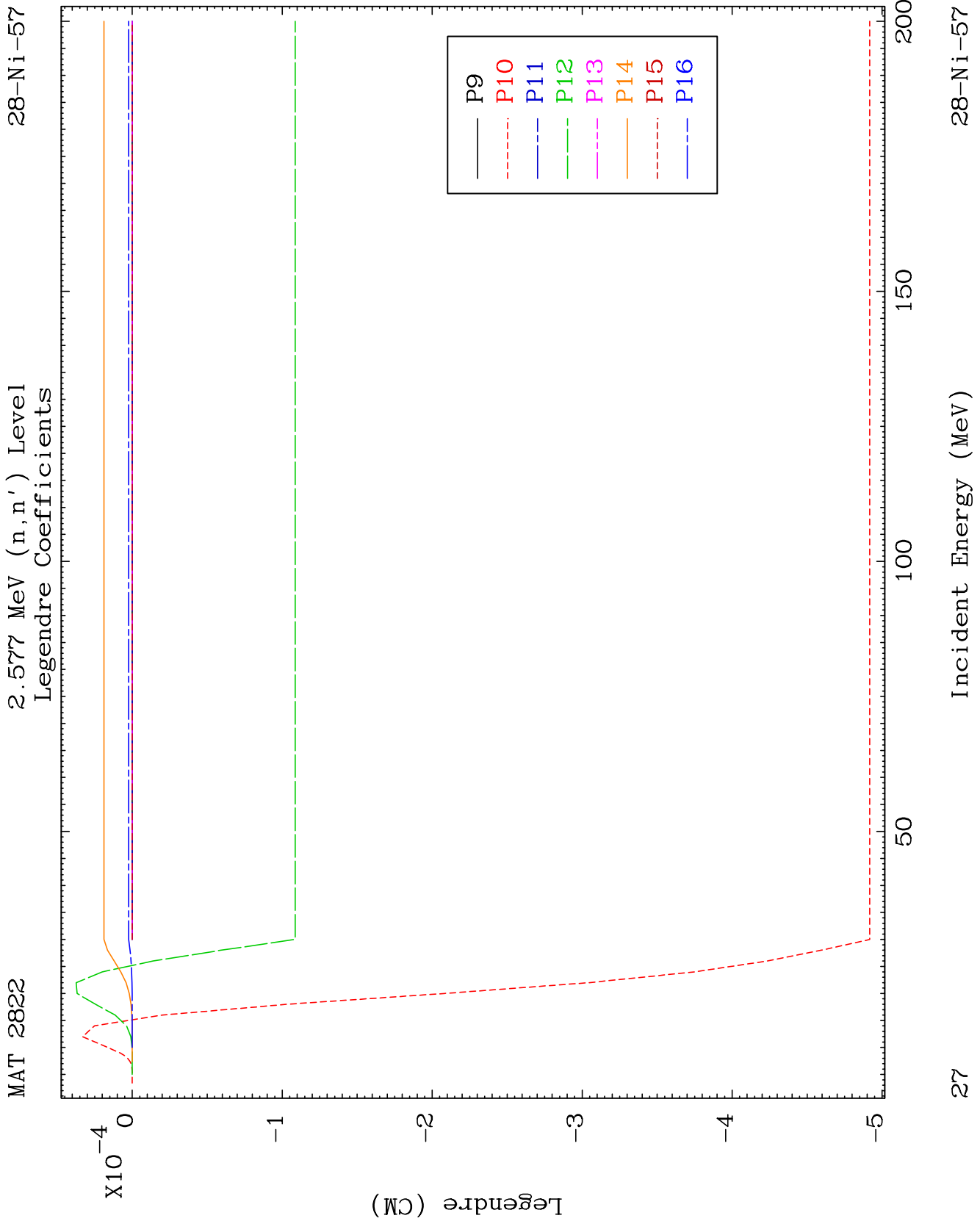


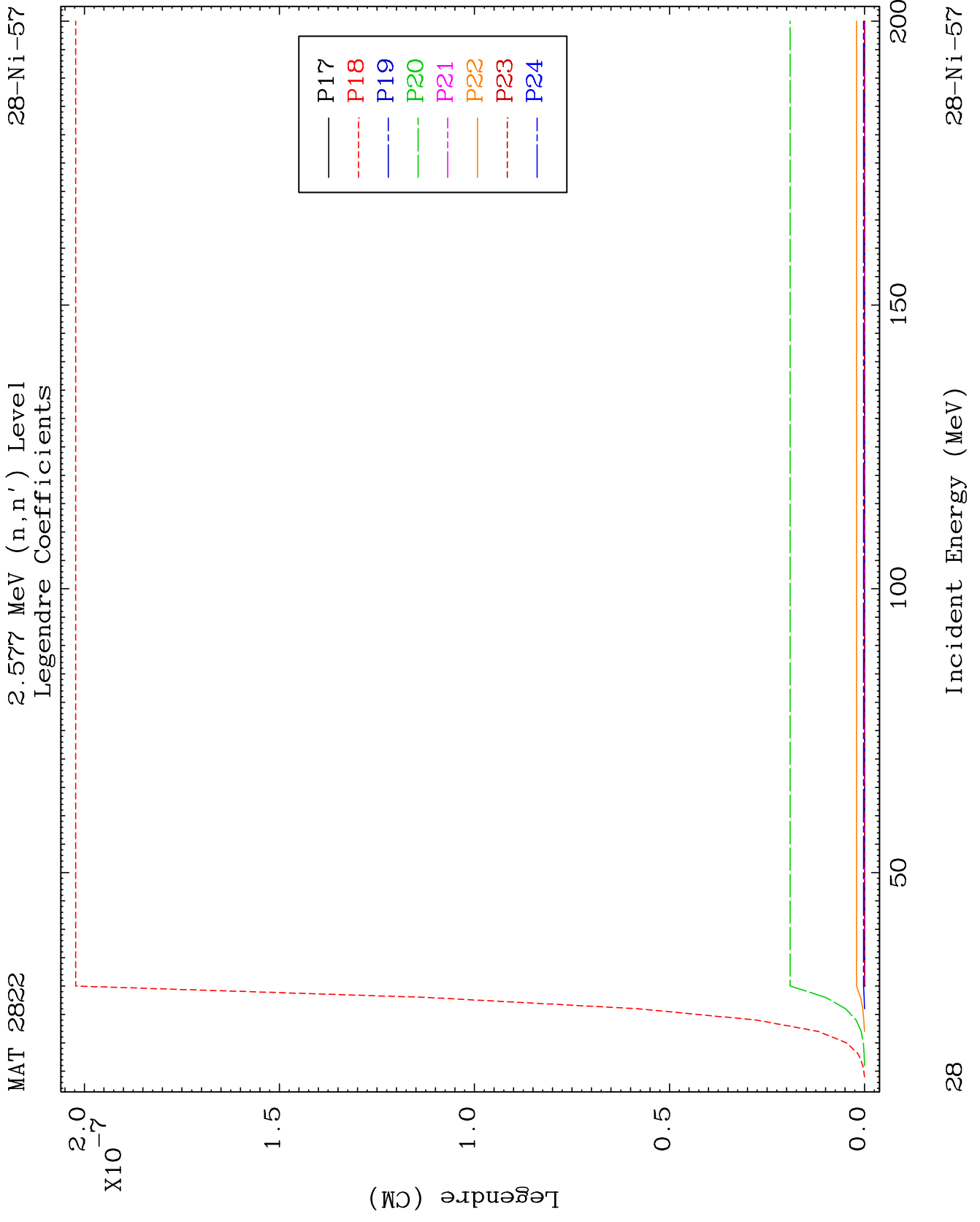
1.113 MeV (n,n') Level
Legendre Coefficients

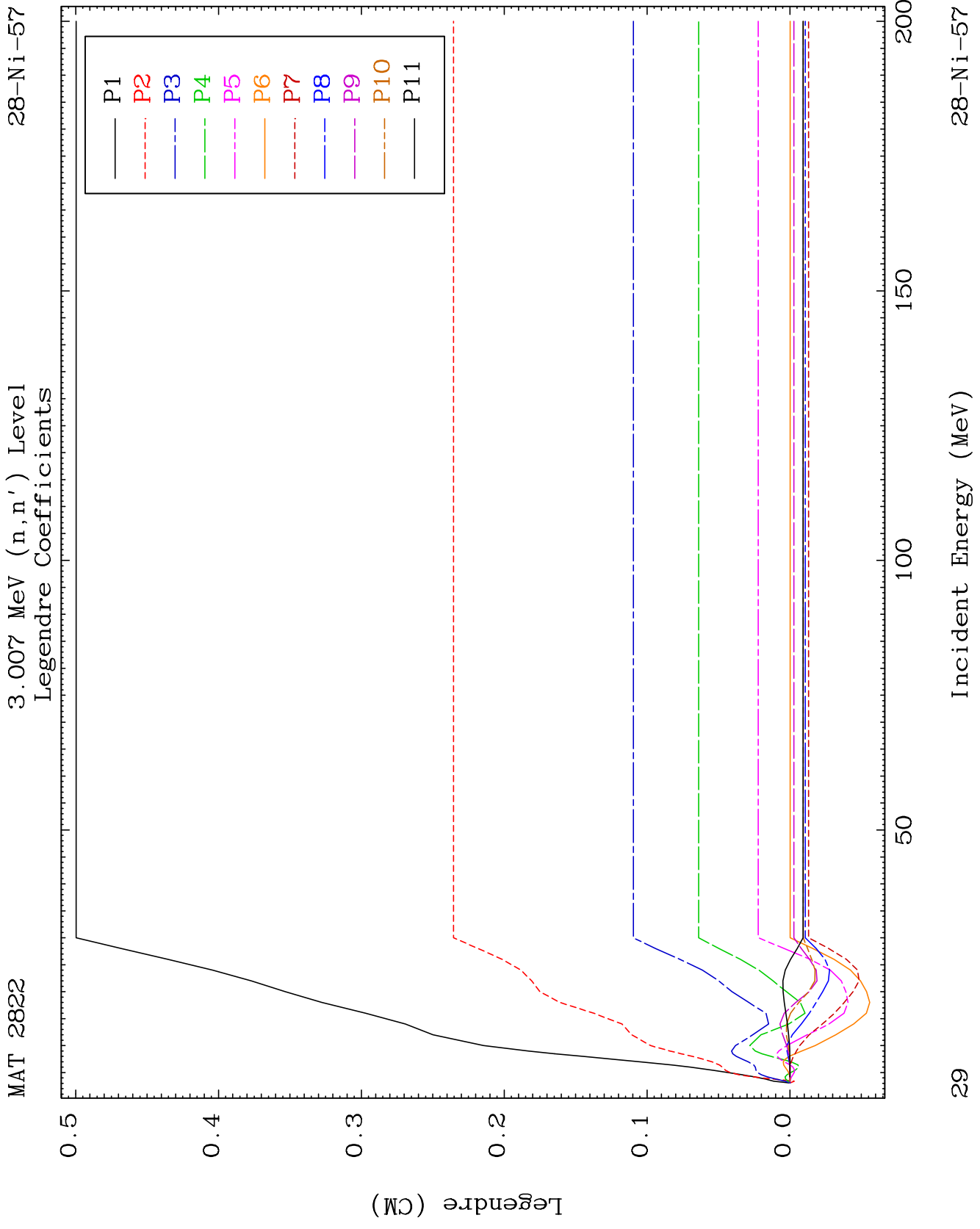


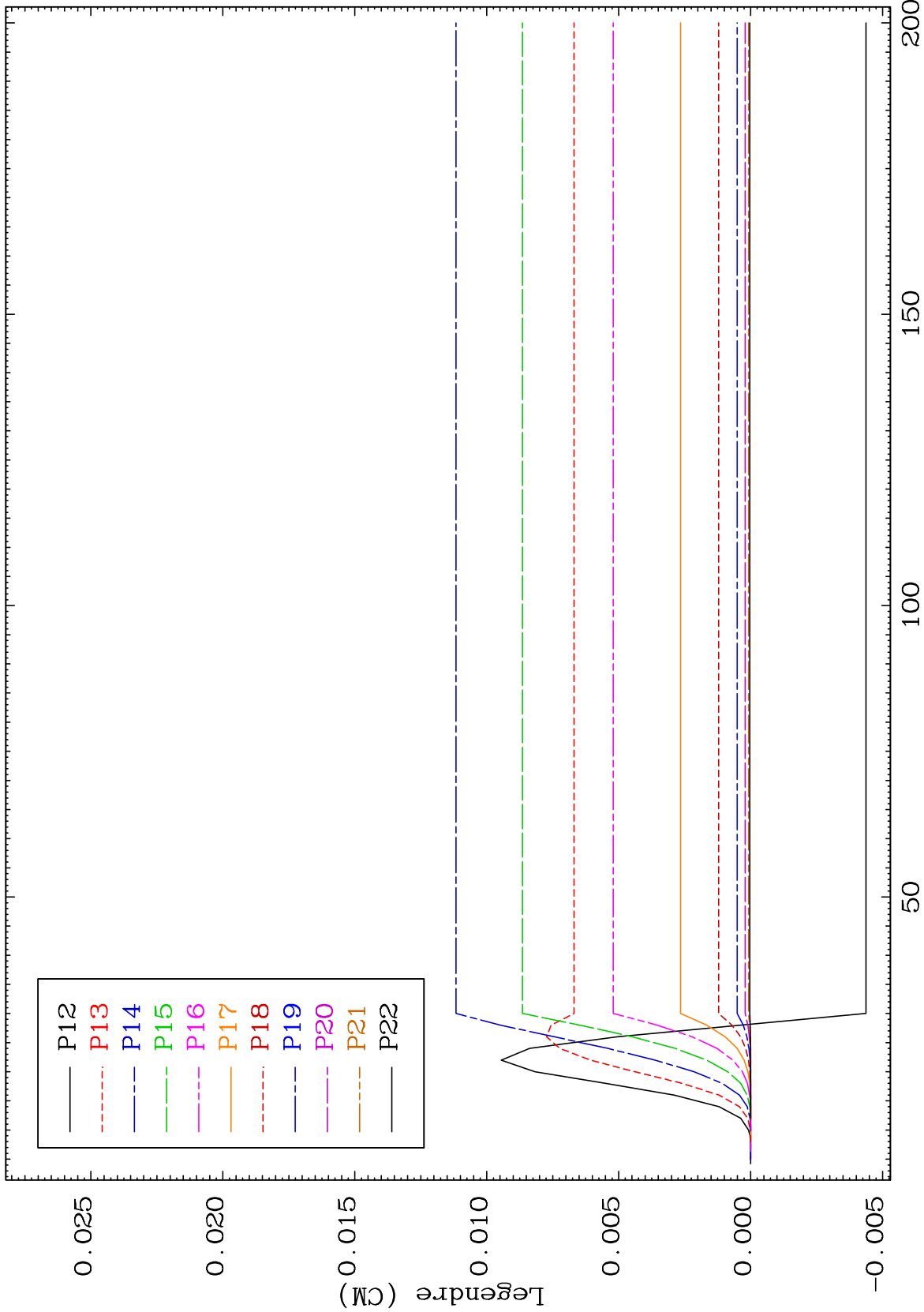


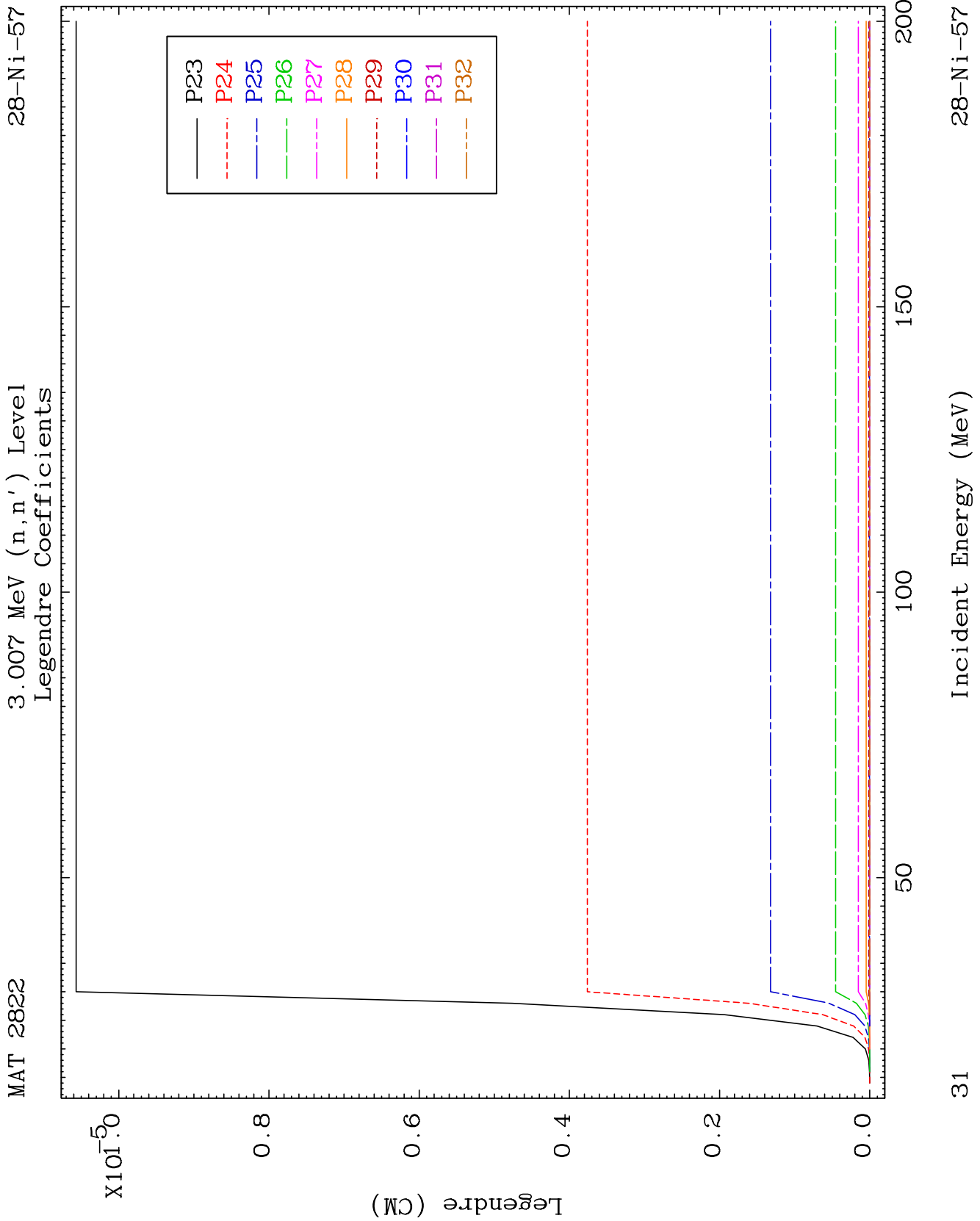


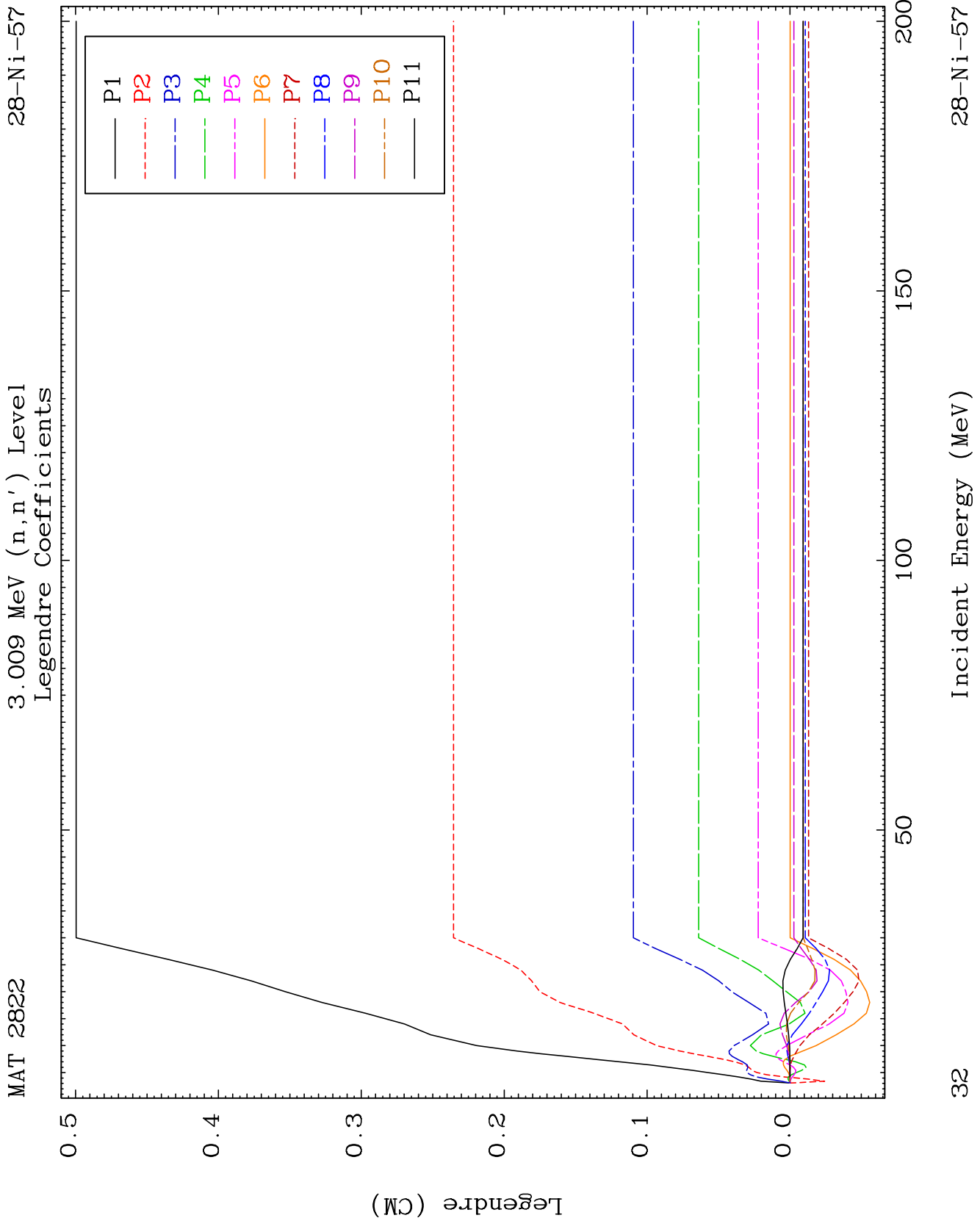


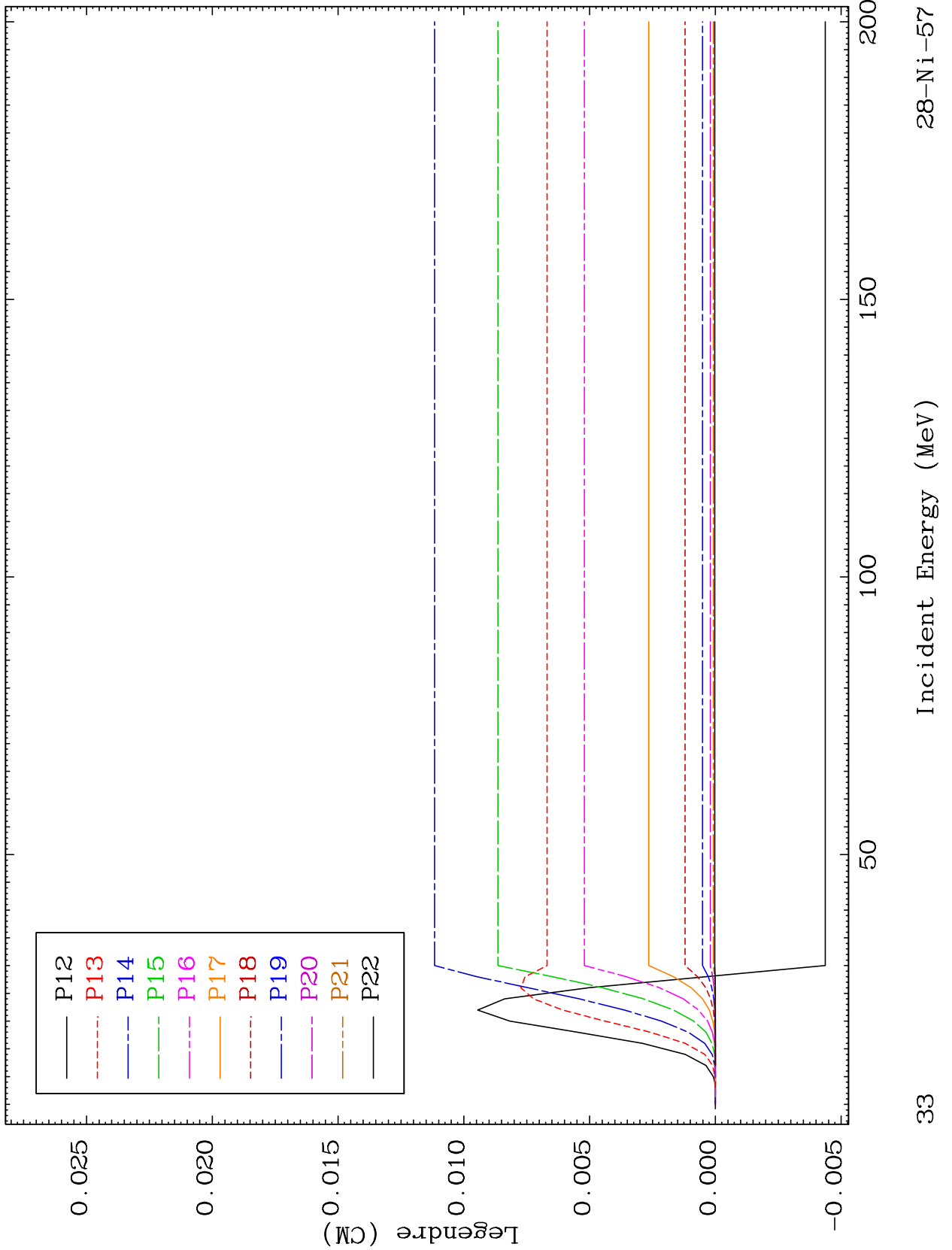


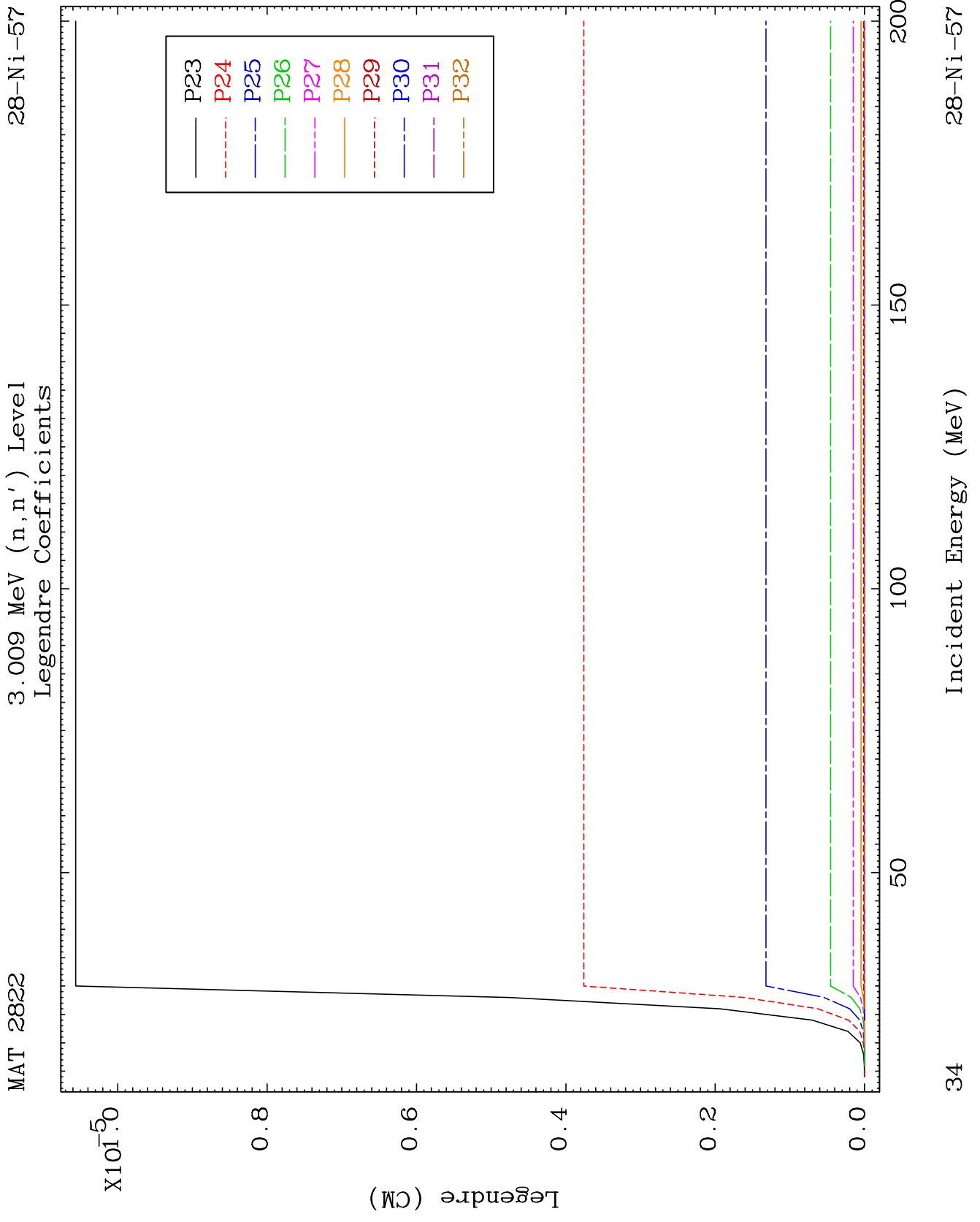


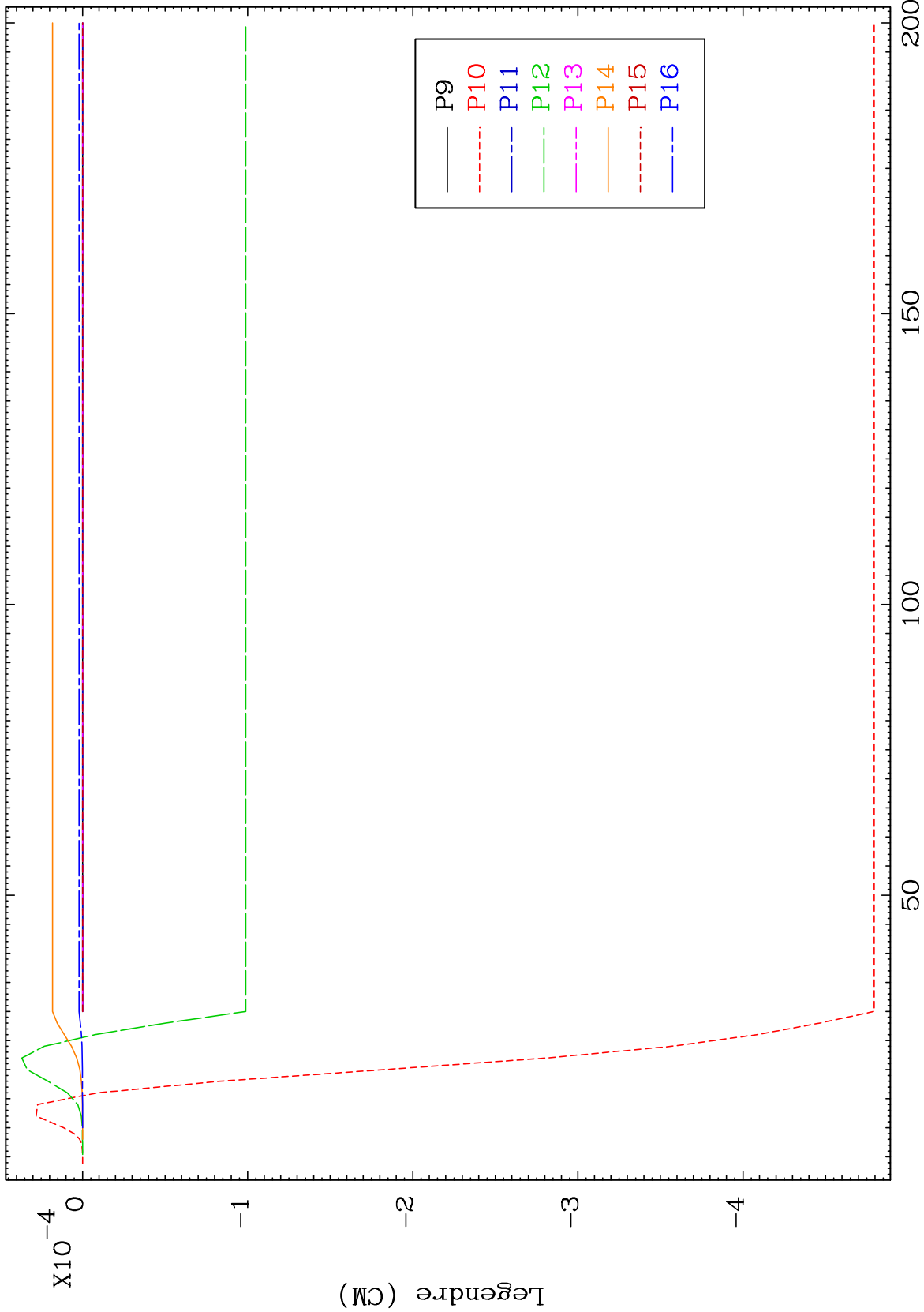


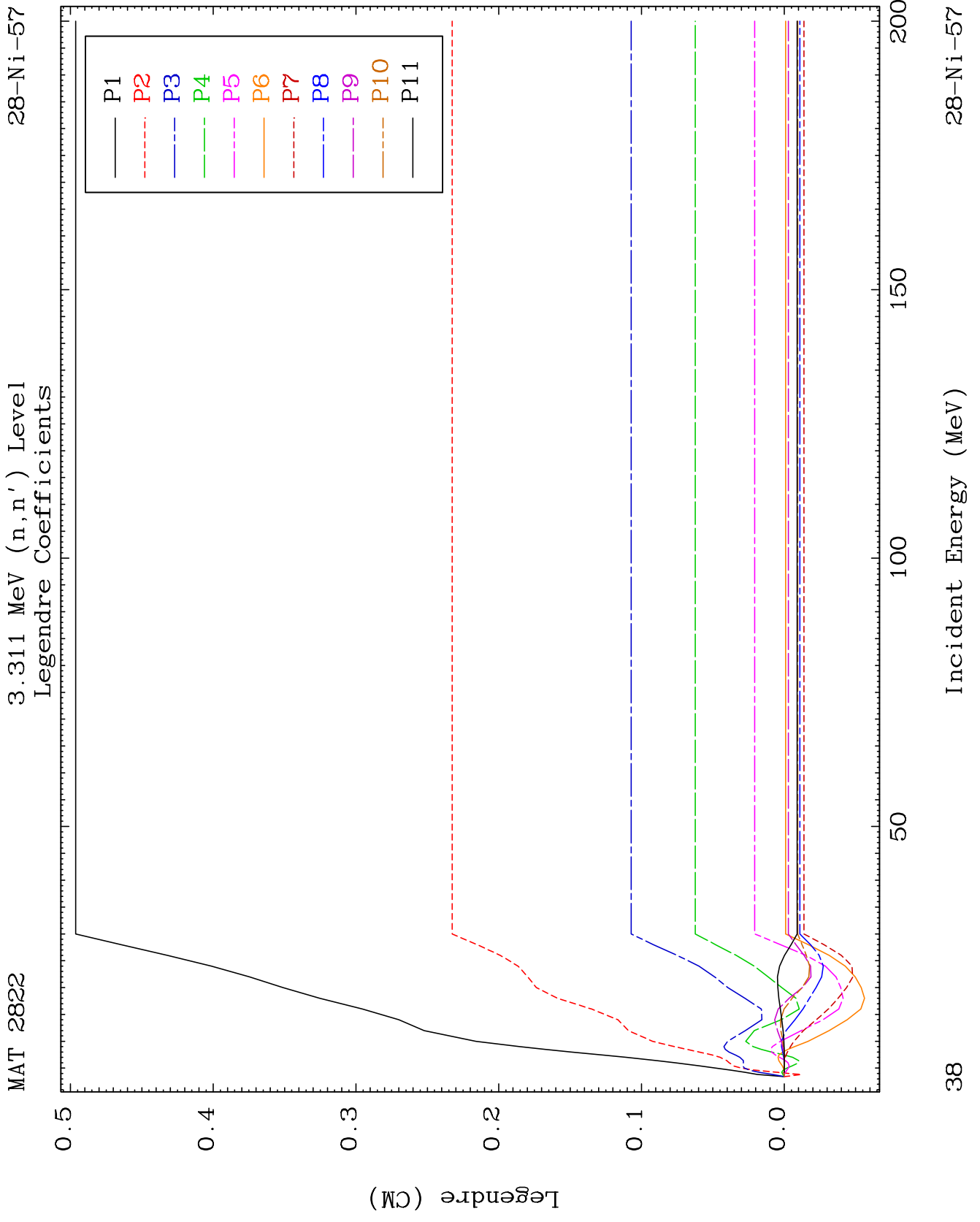


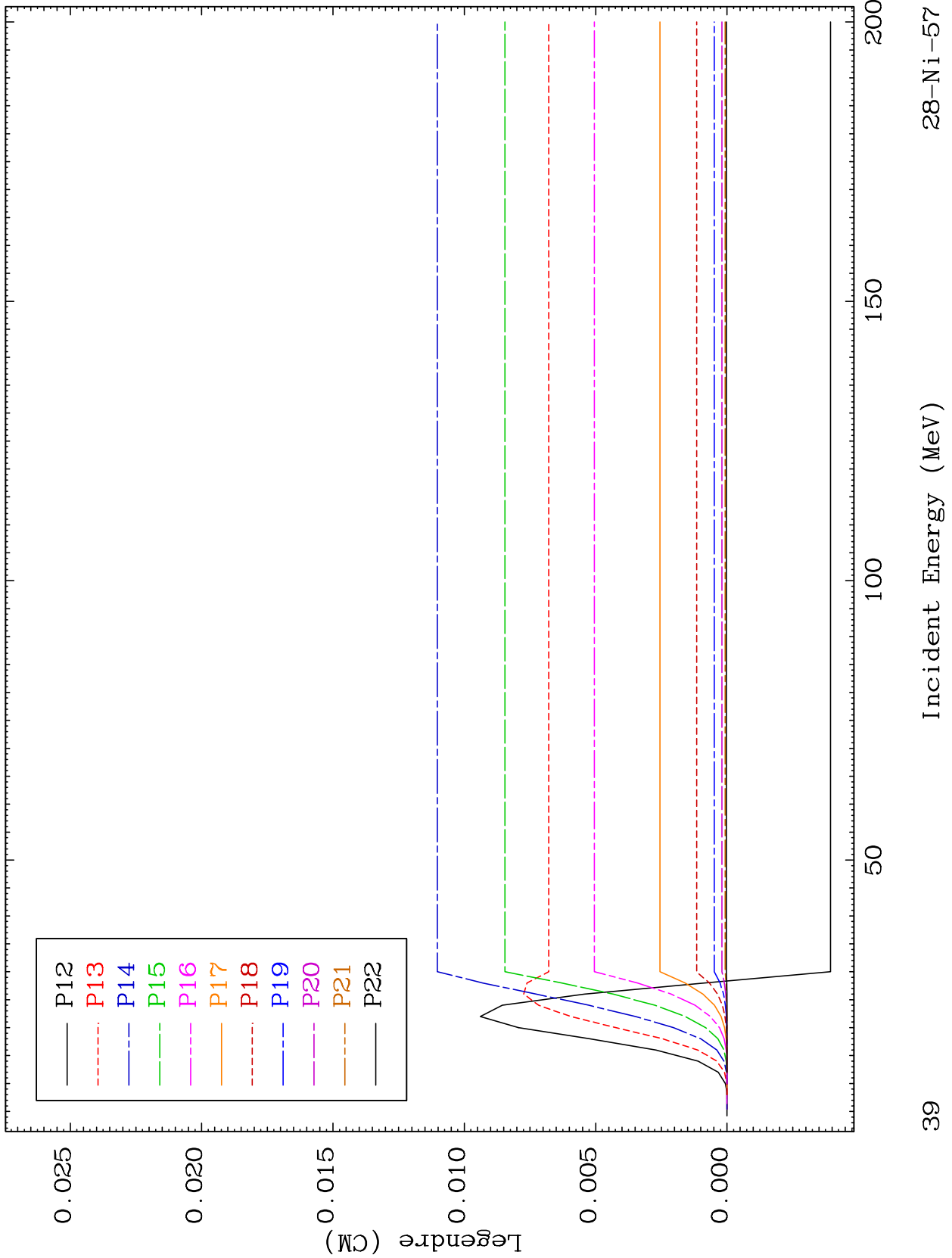








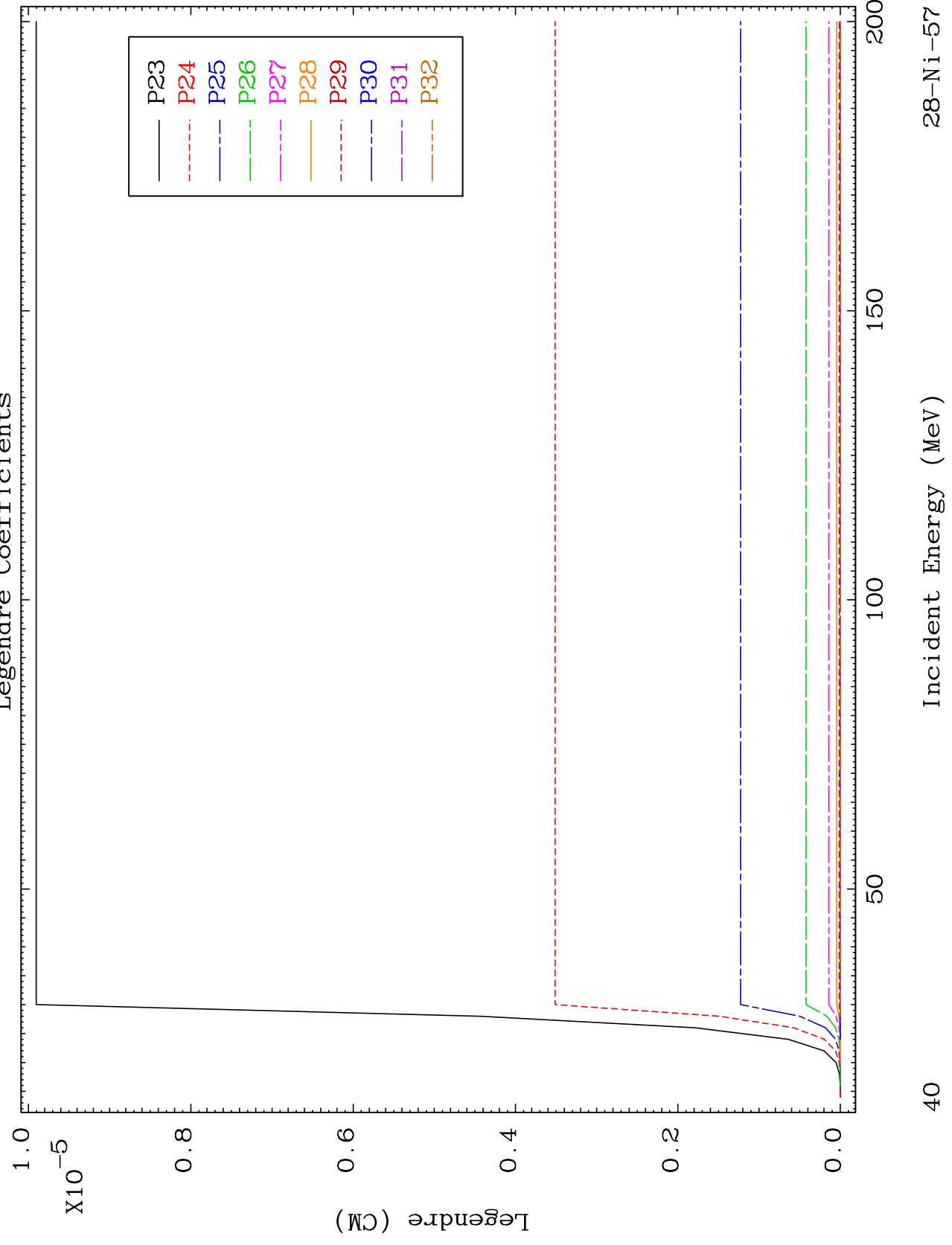




MAT 28222

3.311 MeV (n,n') Level
Legendre Coefficients

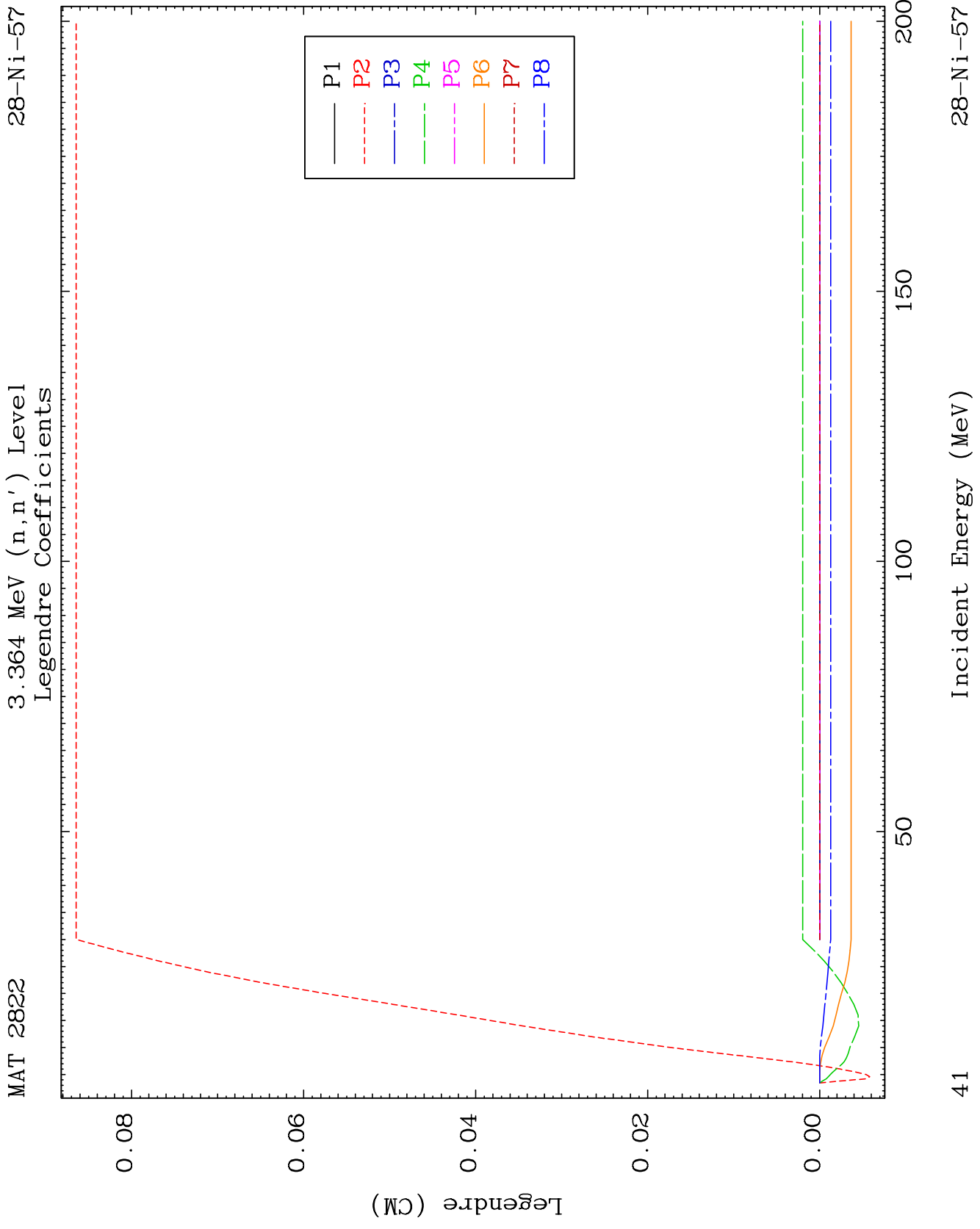
28-Ni-57

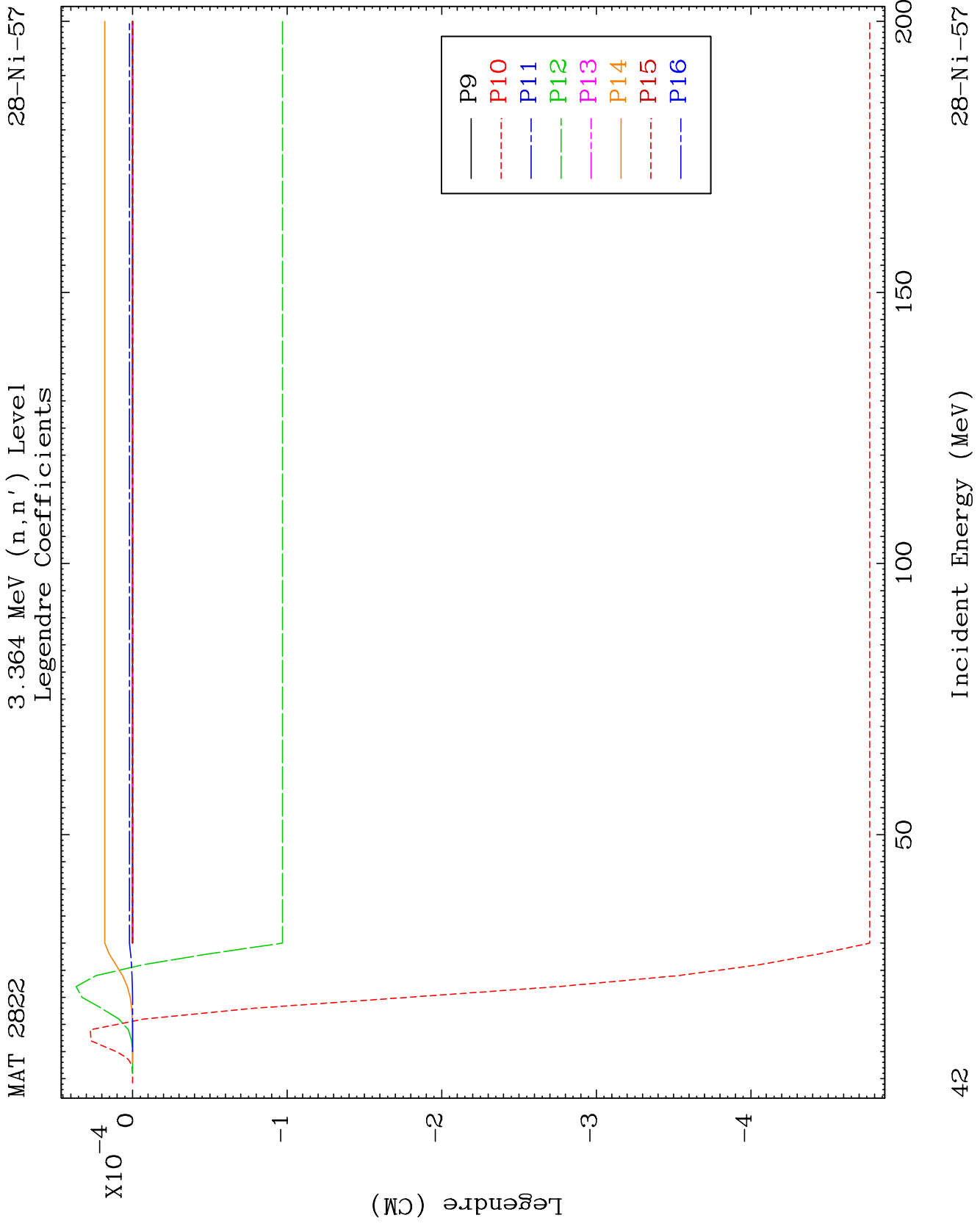


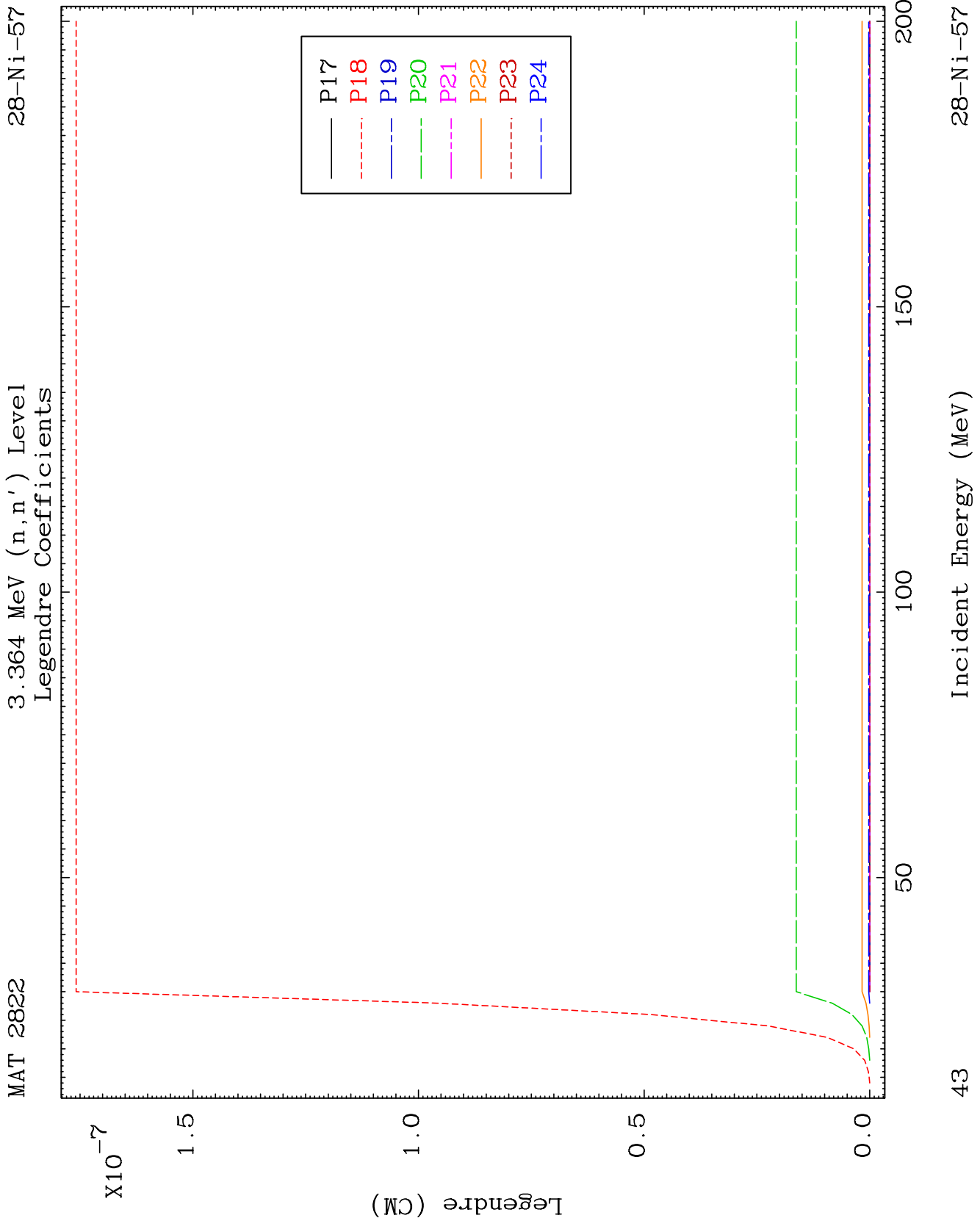
28-Ni-57

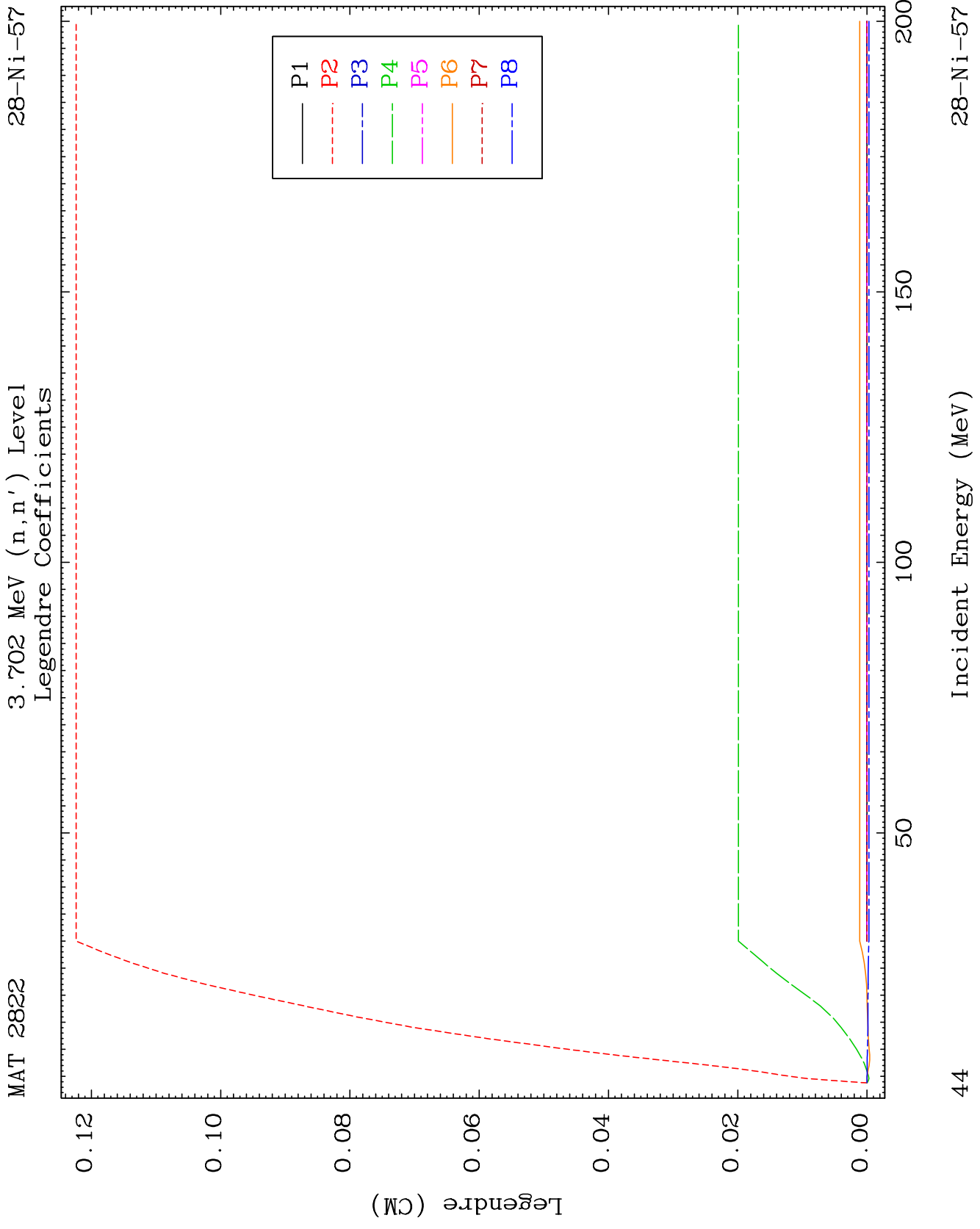
Incident Energy (MeV)

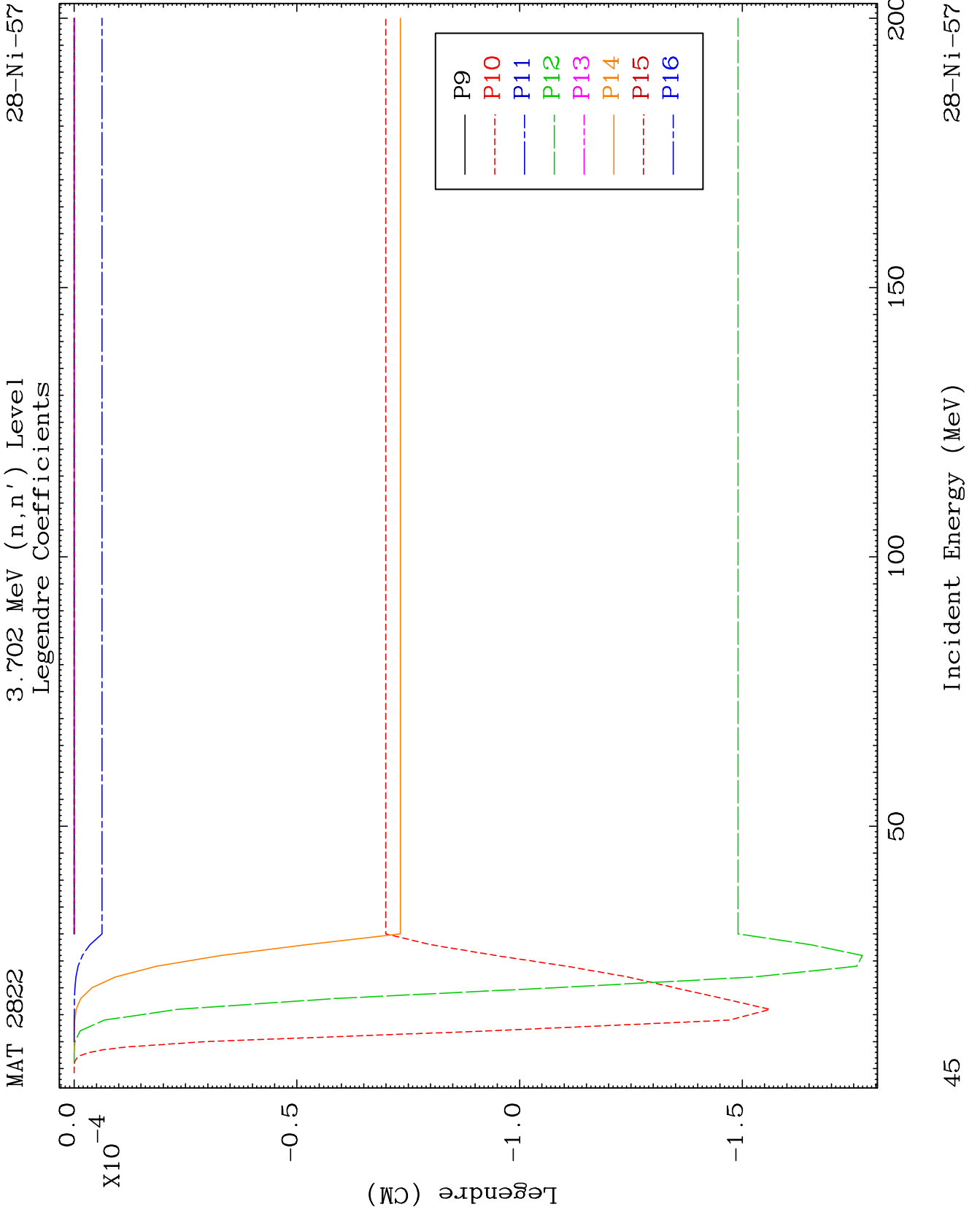
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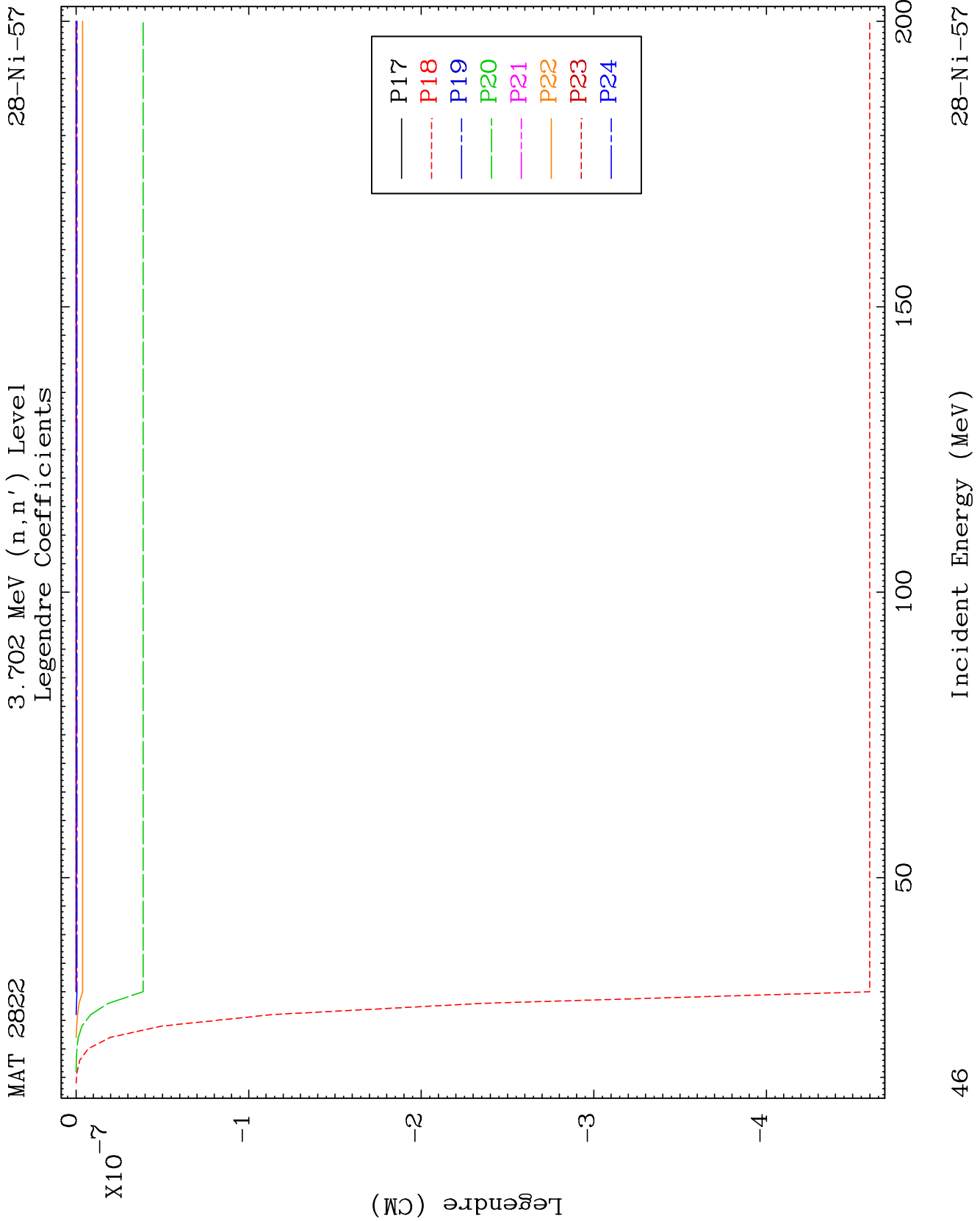








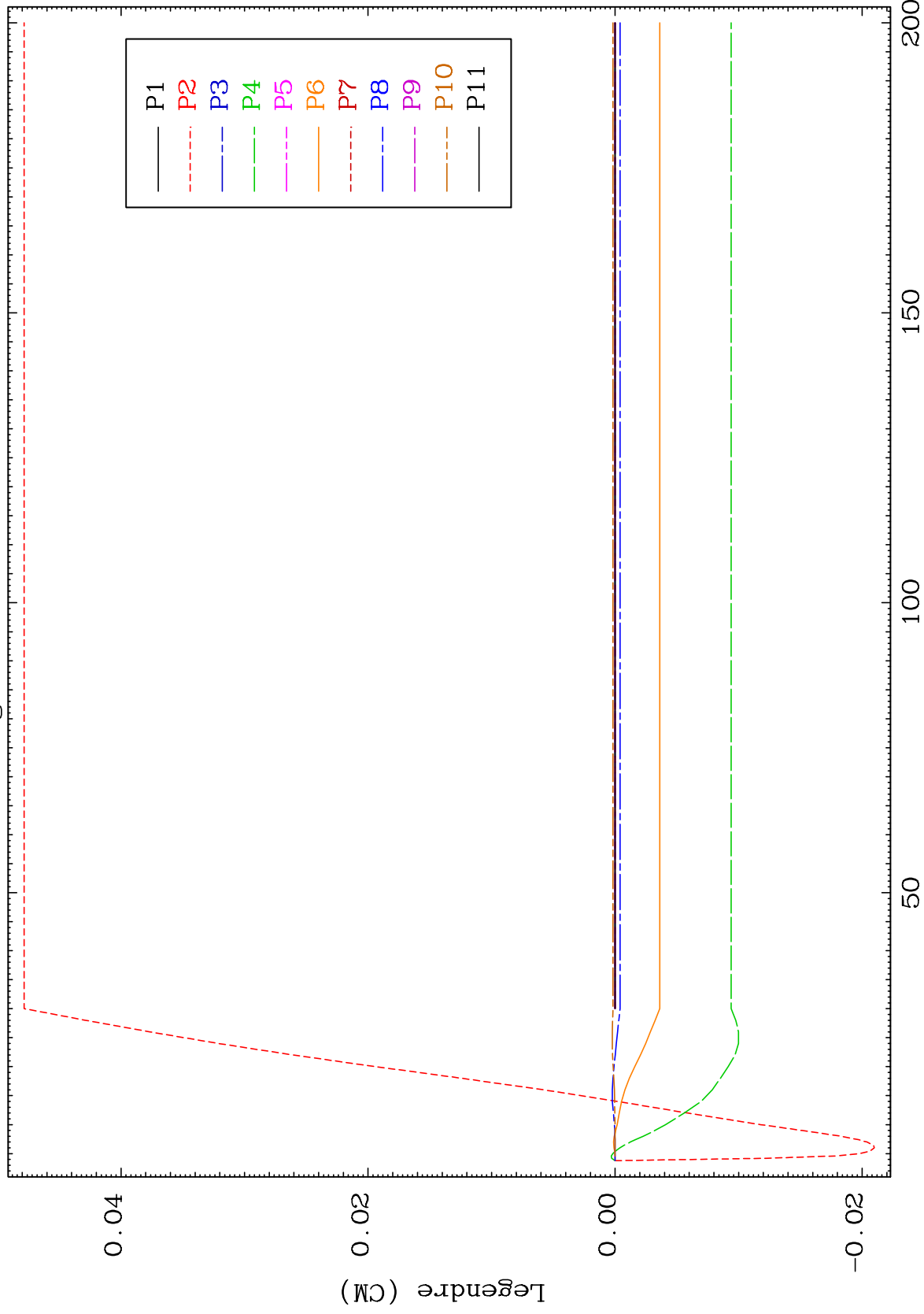




MAT 2822

3.714 MeV (n,n') Level
Legendre Coefficients

28-Ni-57



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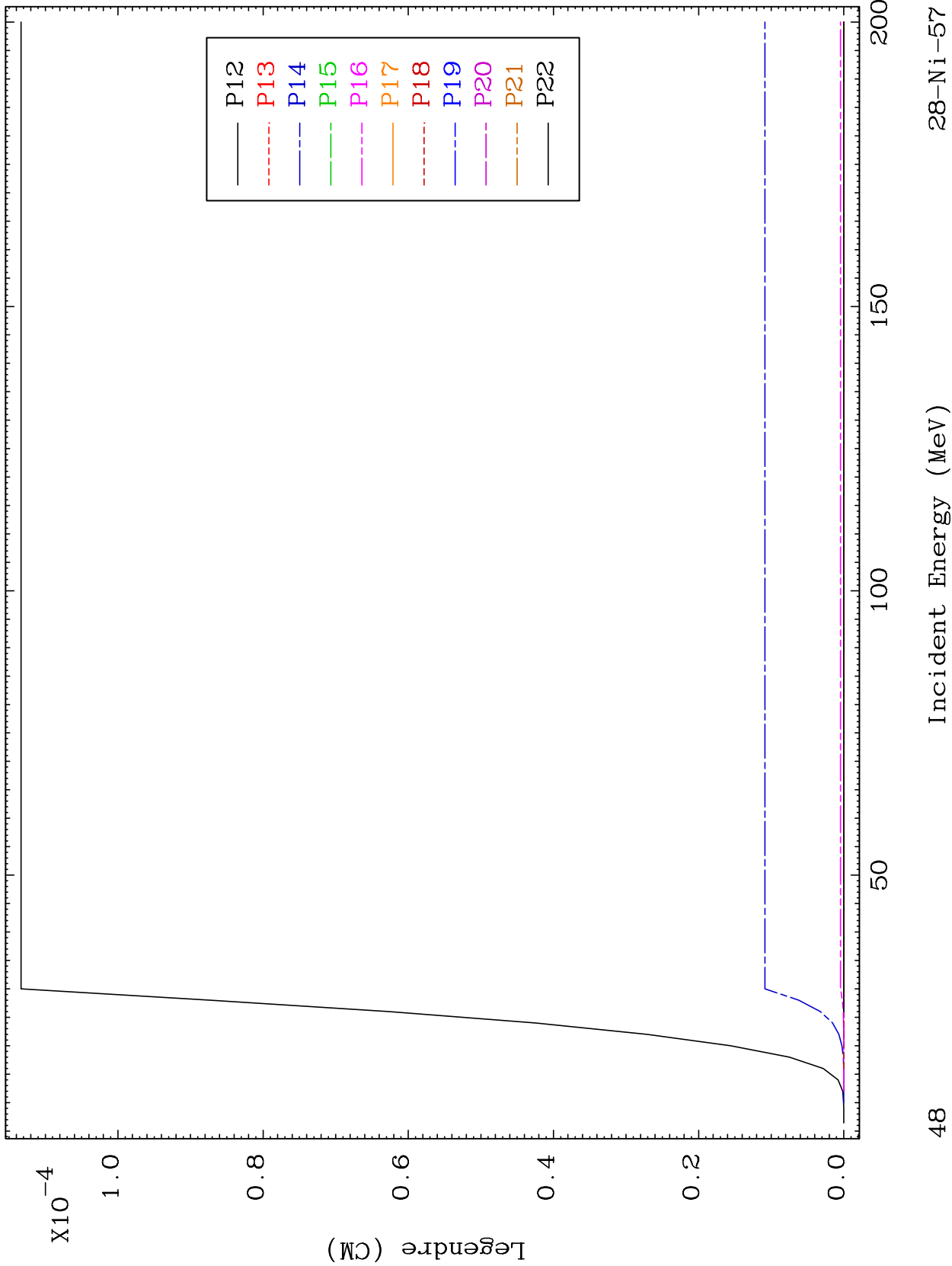
Incident Energy (MeV)

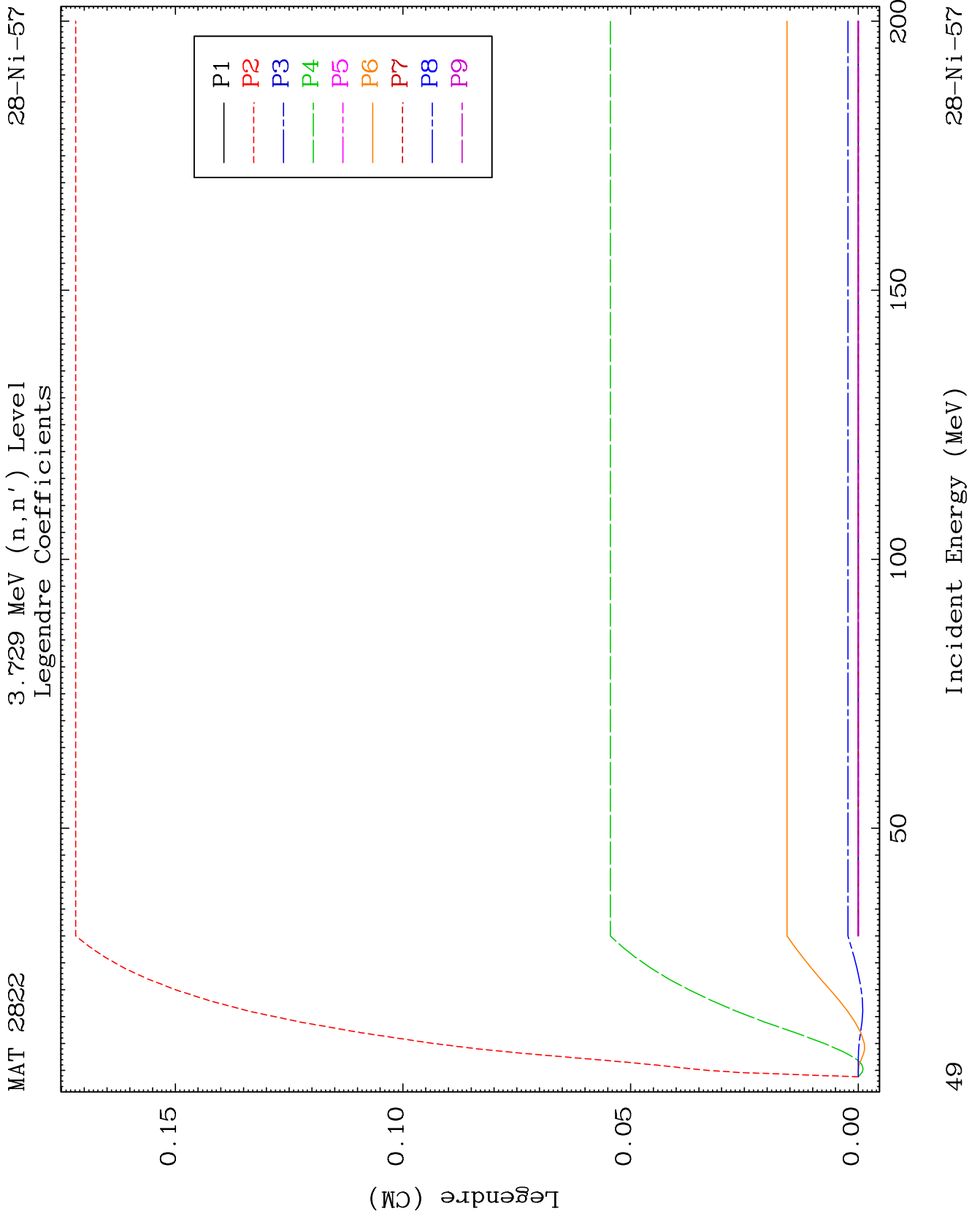
28-Ni-57

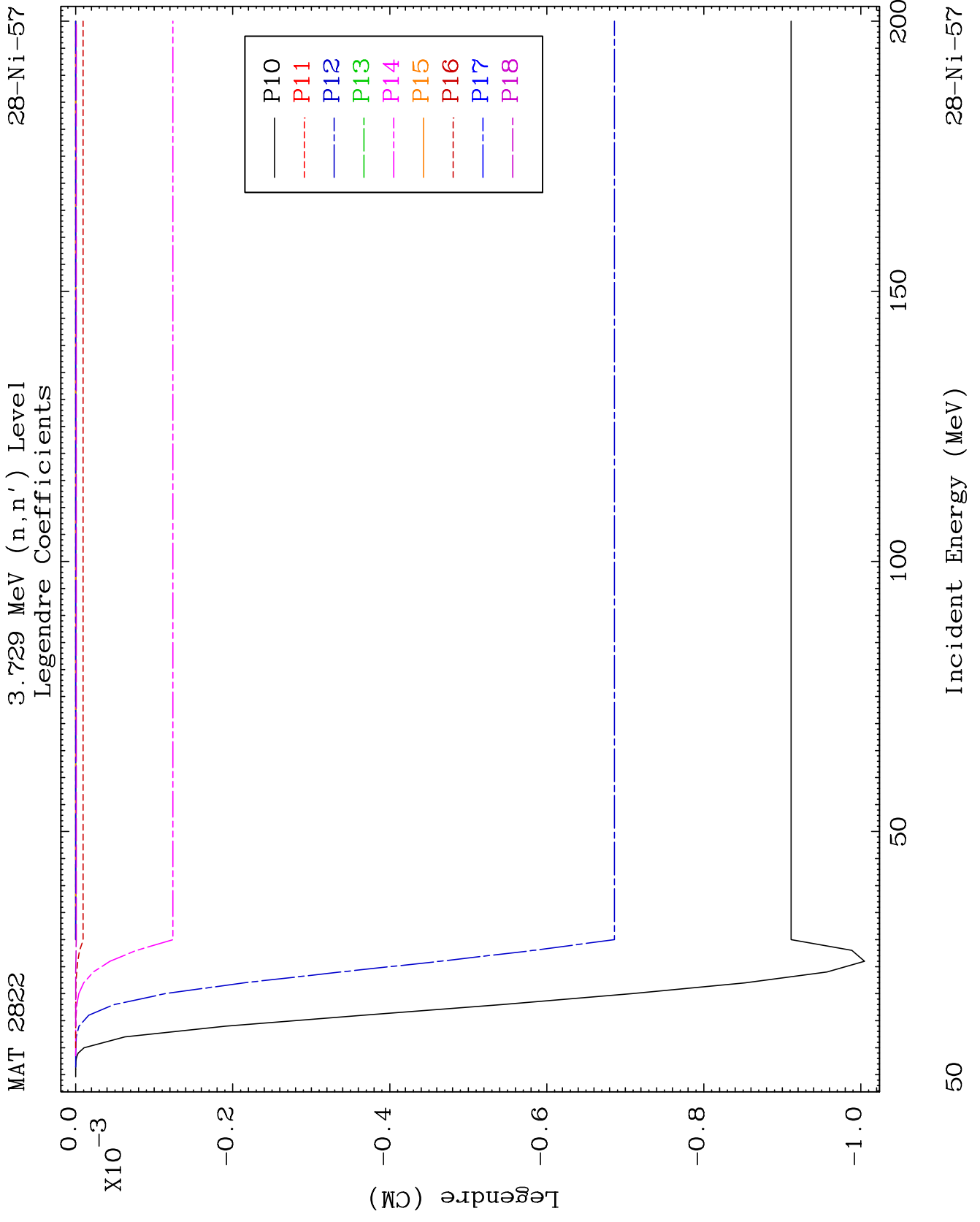
MAT 2822

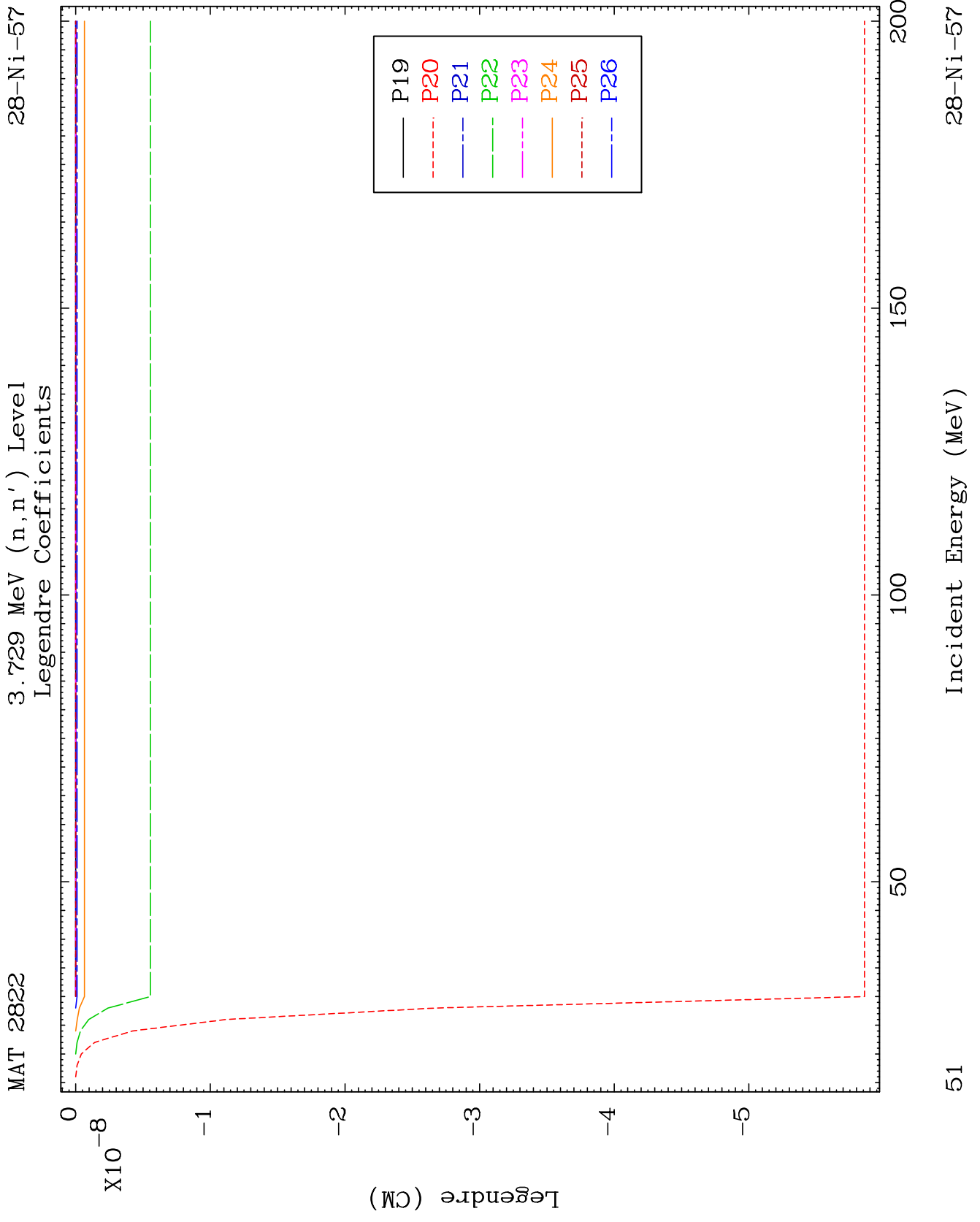
3.714 MeV (n,n') Level
Legendre Coefficients

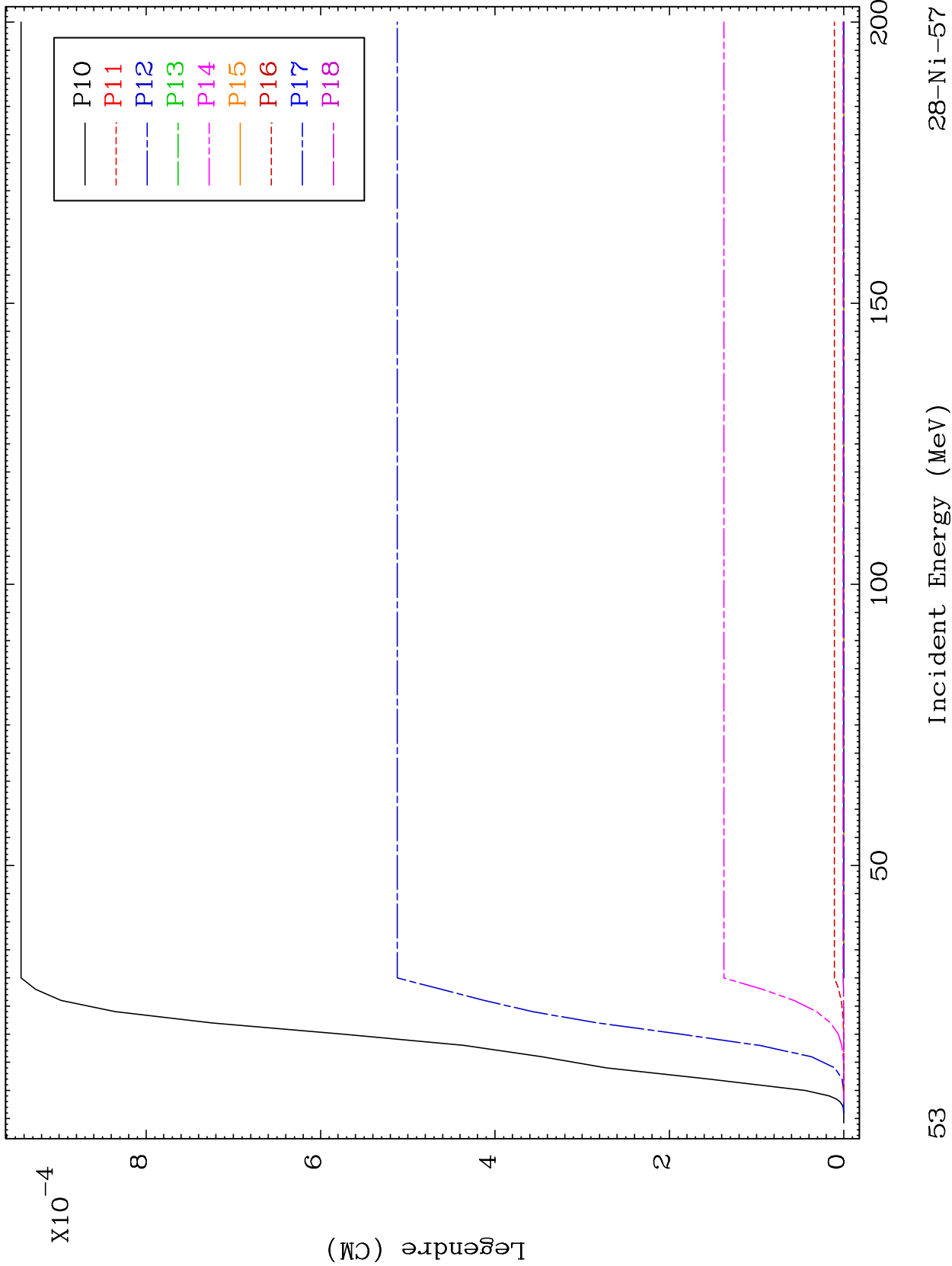
28-Ni-57

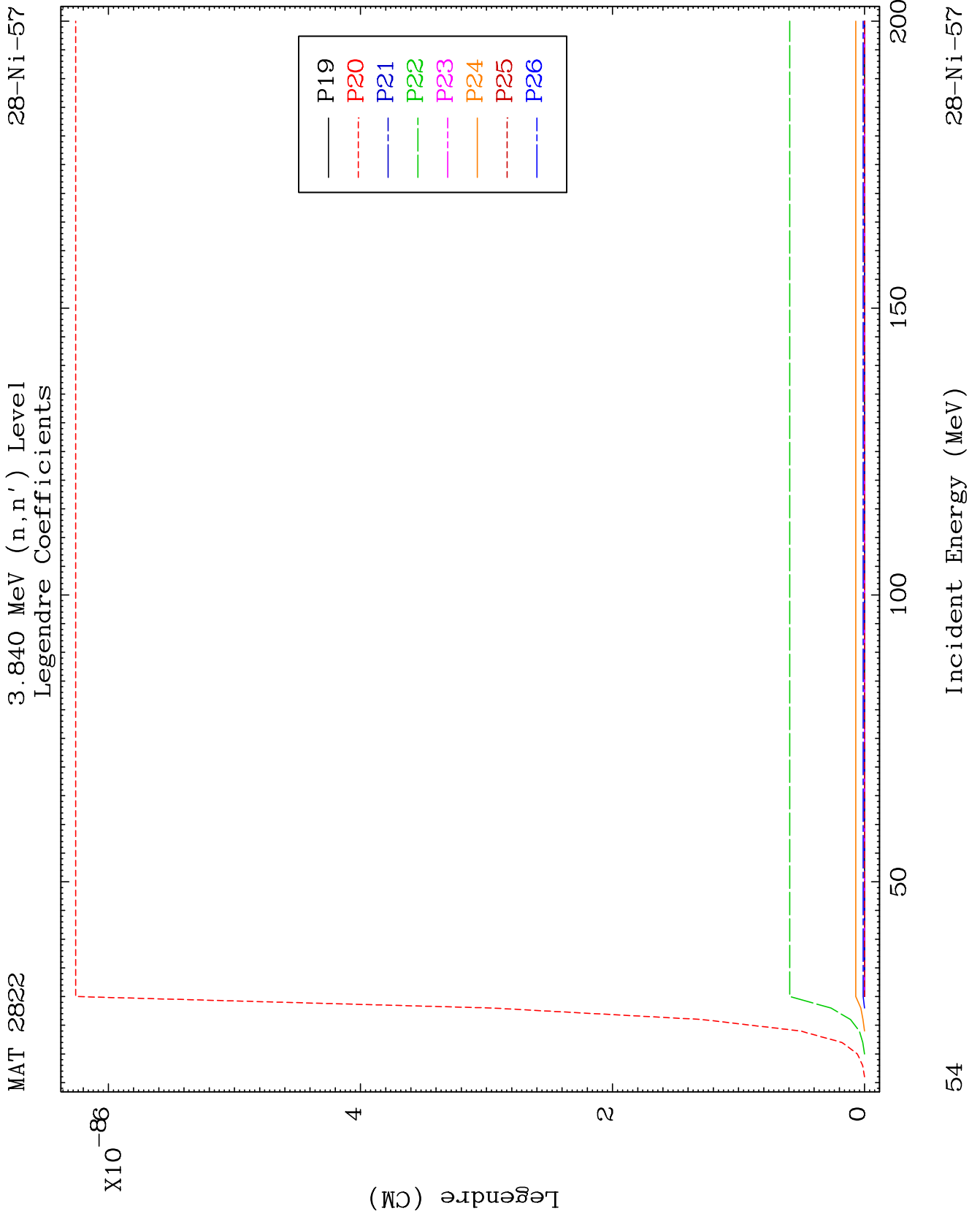








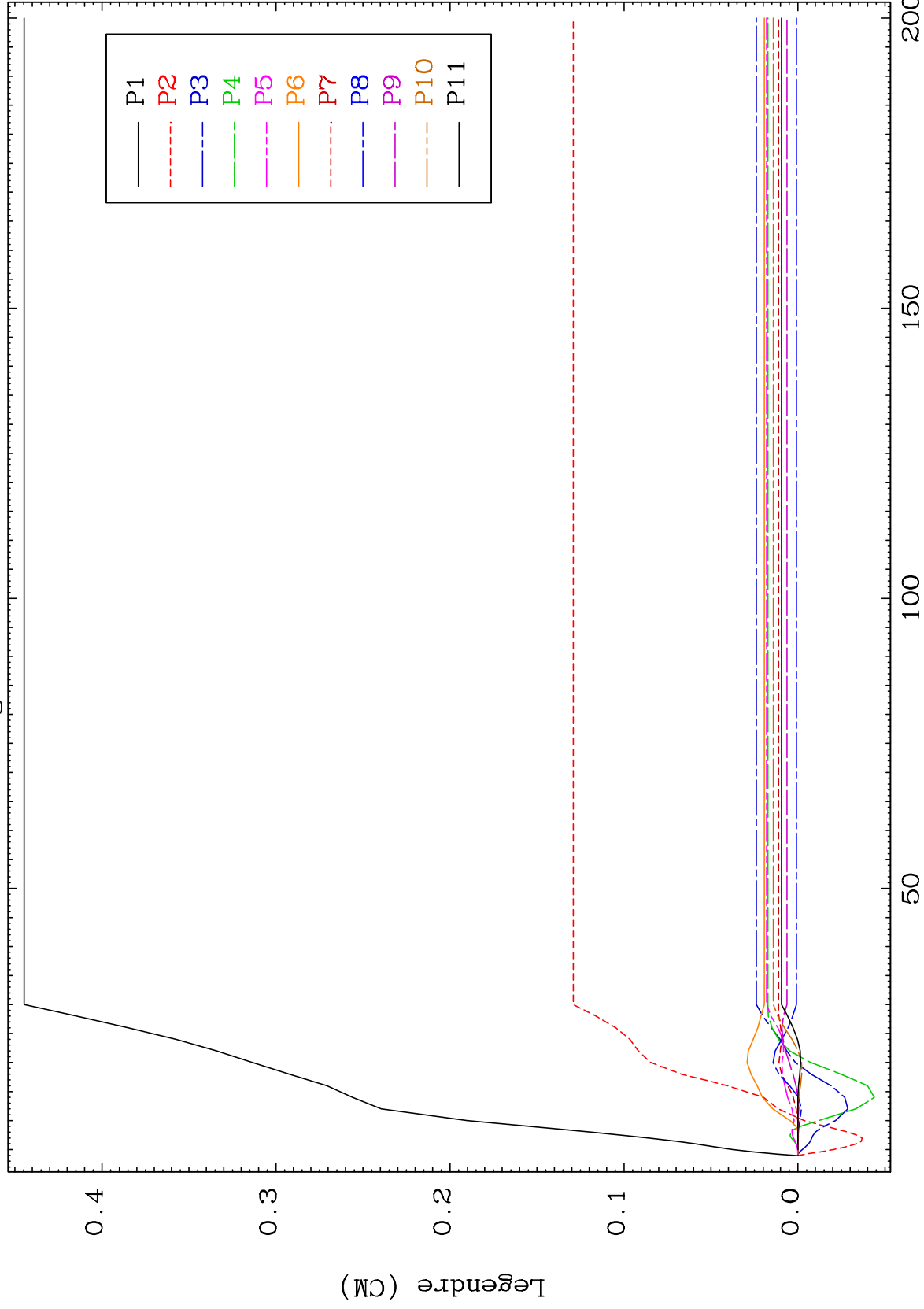




MAT 2822

3.866 MeV (n,n') Level
Legendre Coefficients

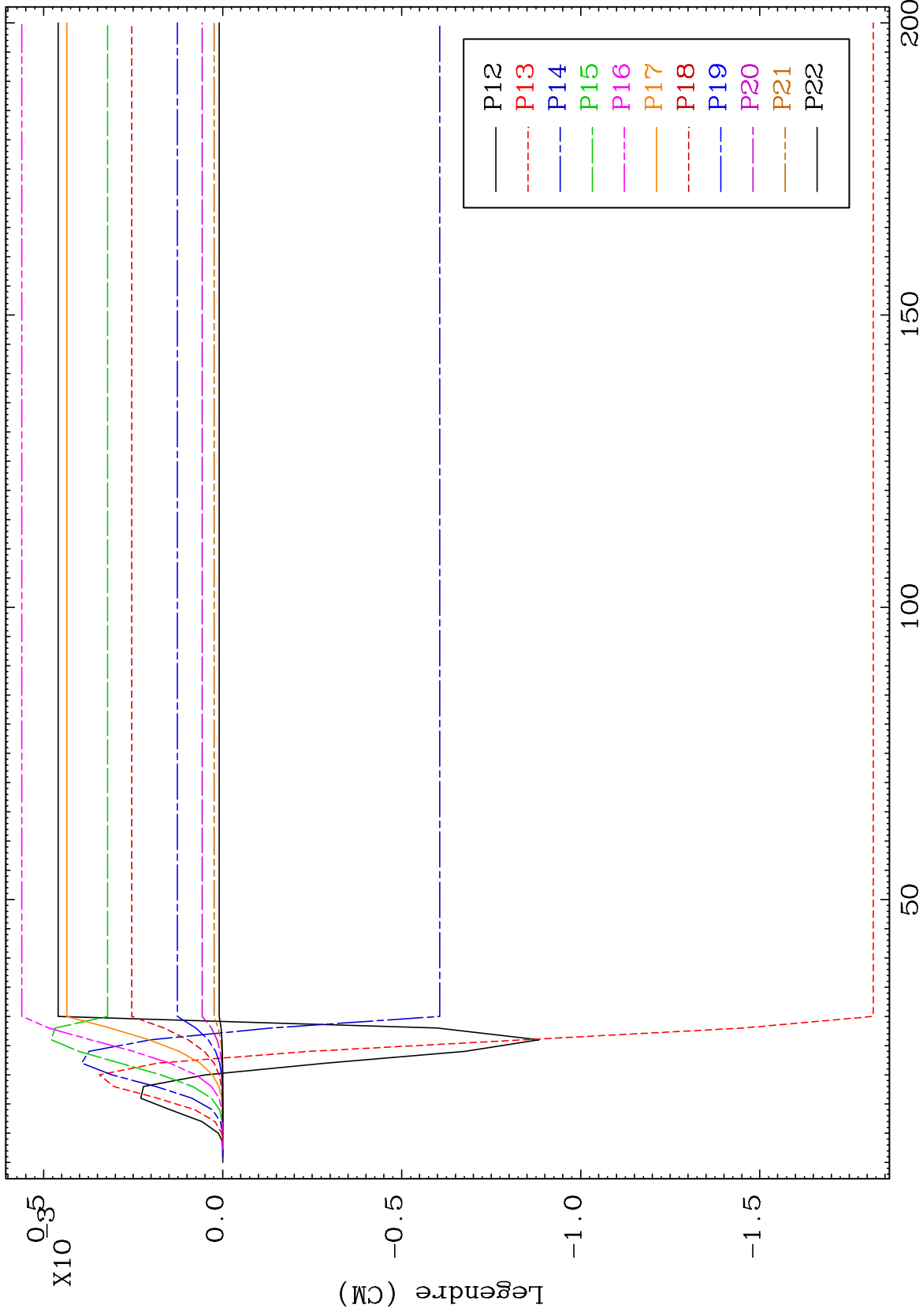
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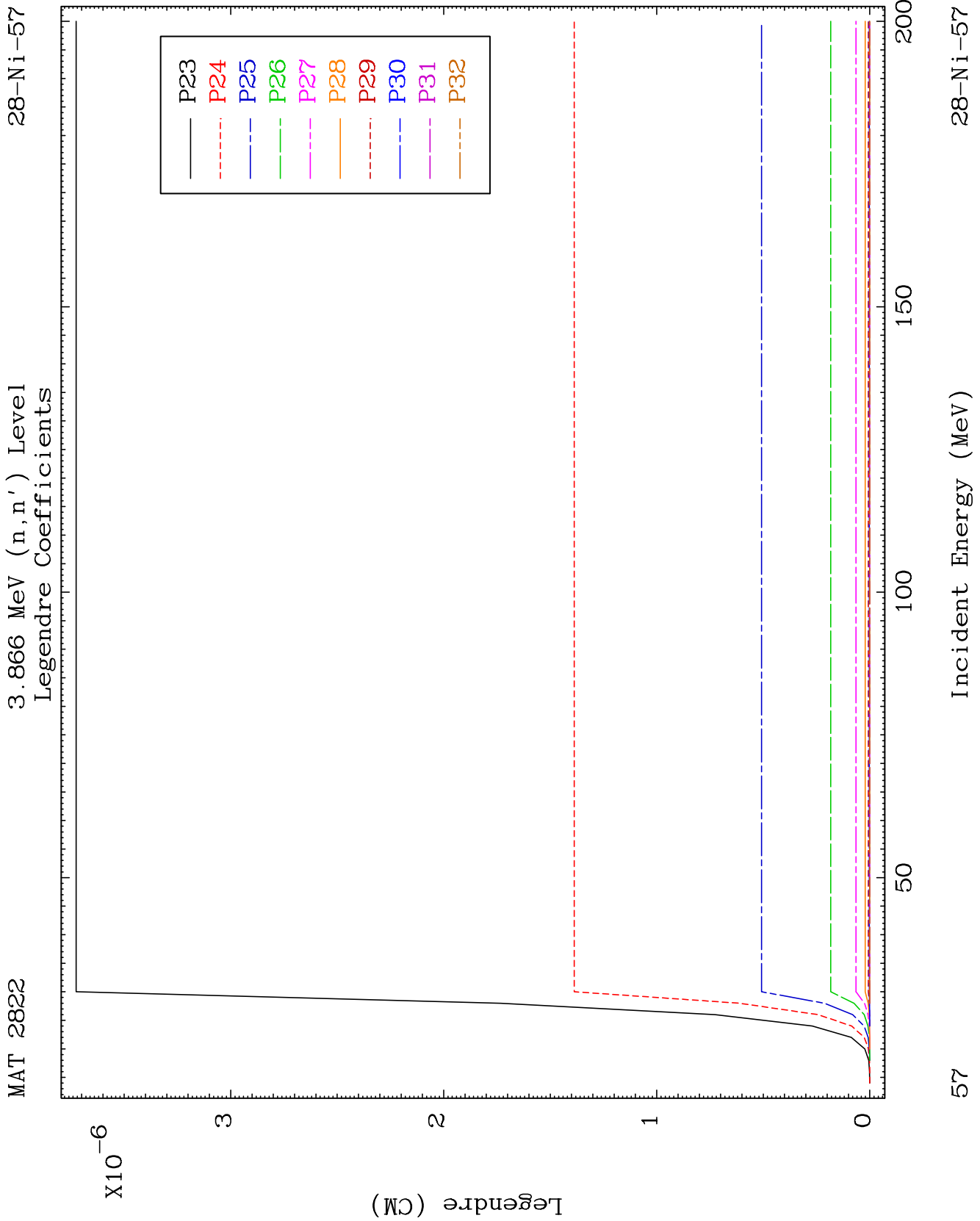


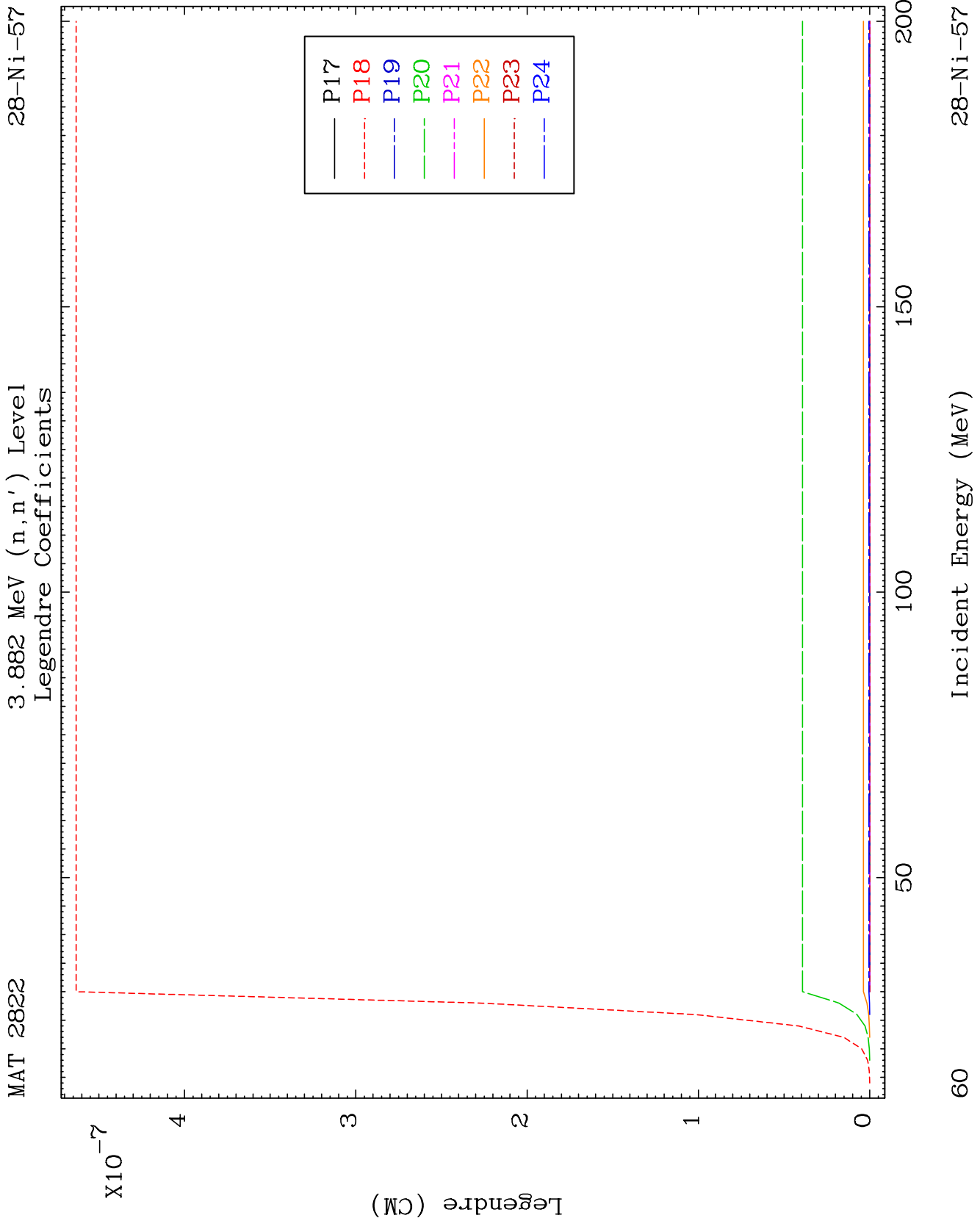
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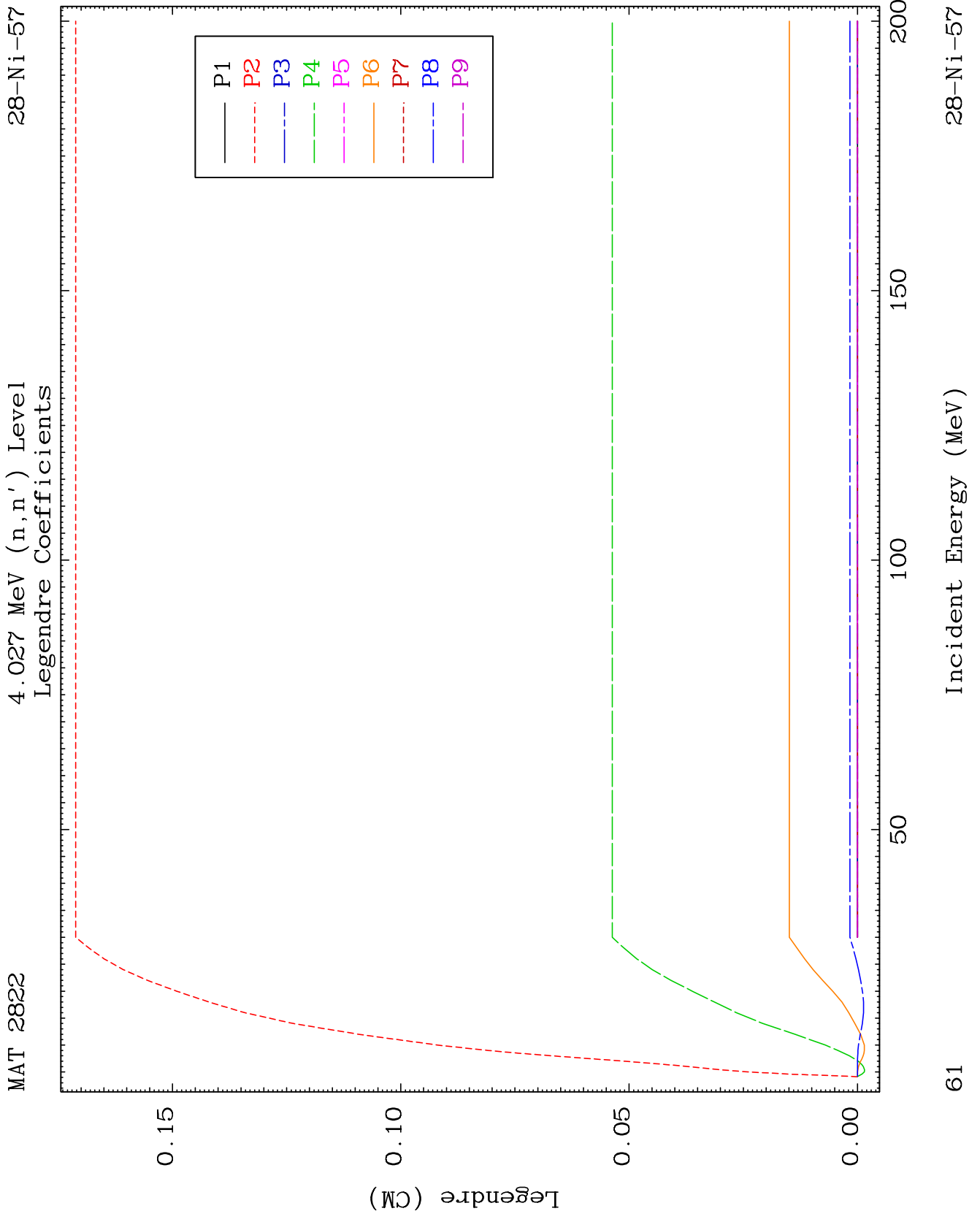
Incident Energy (MeV)

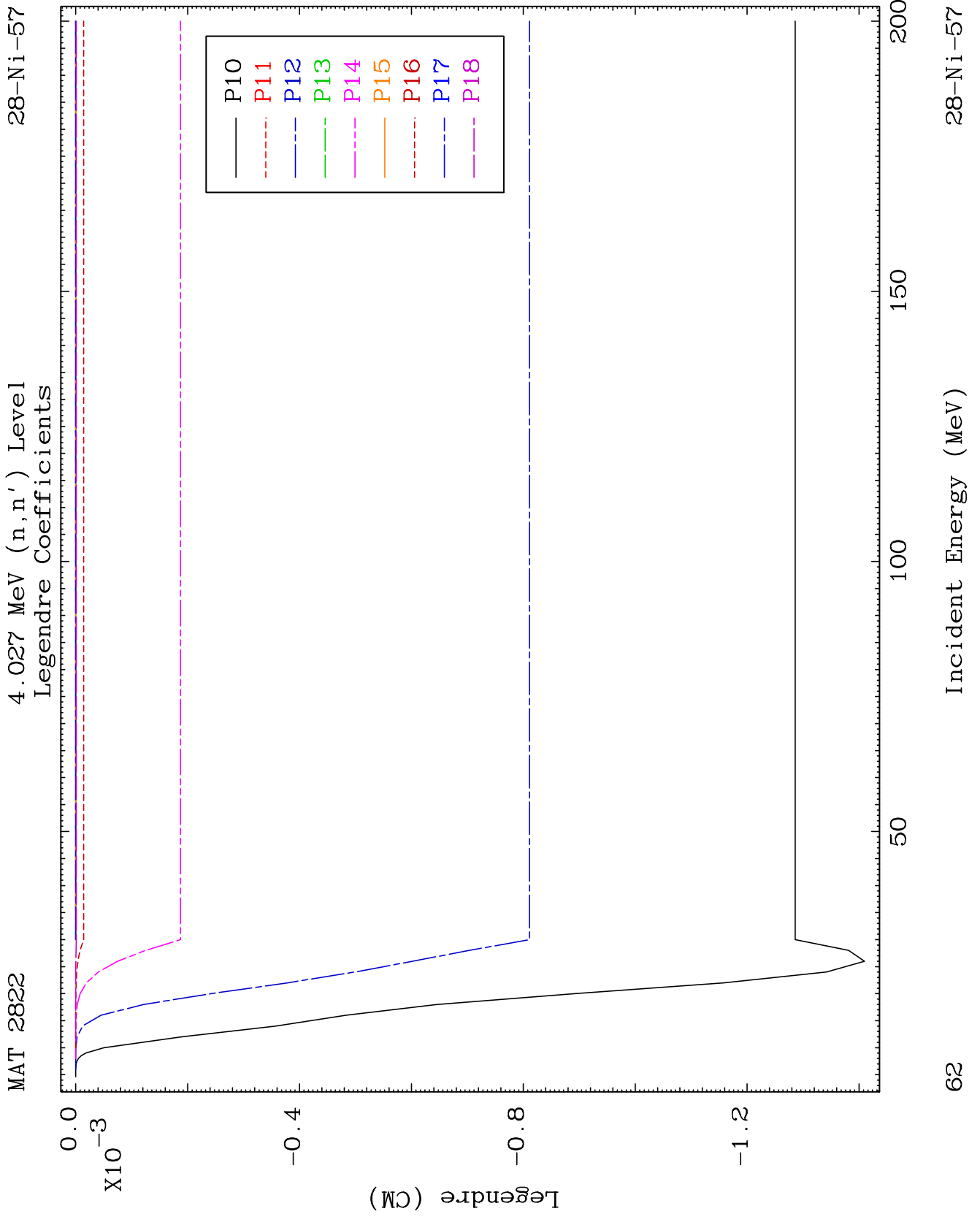
28-Ni-57

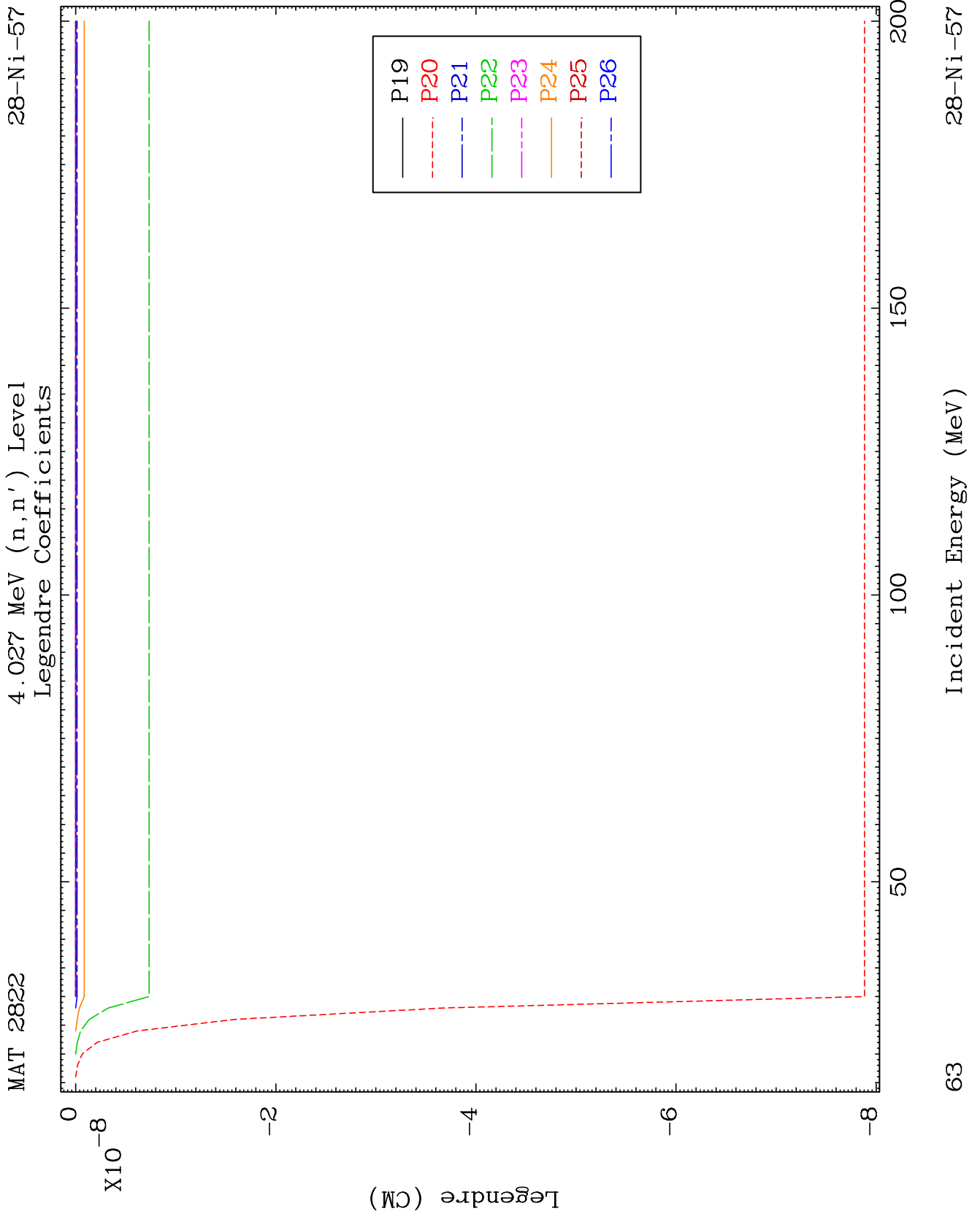








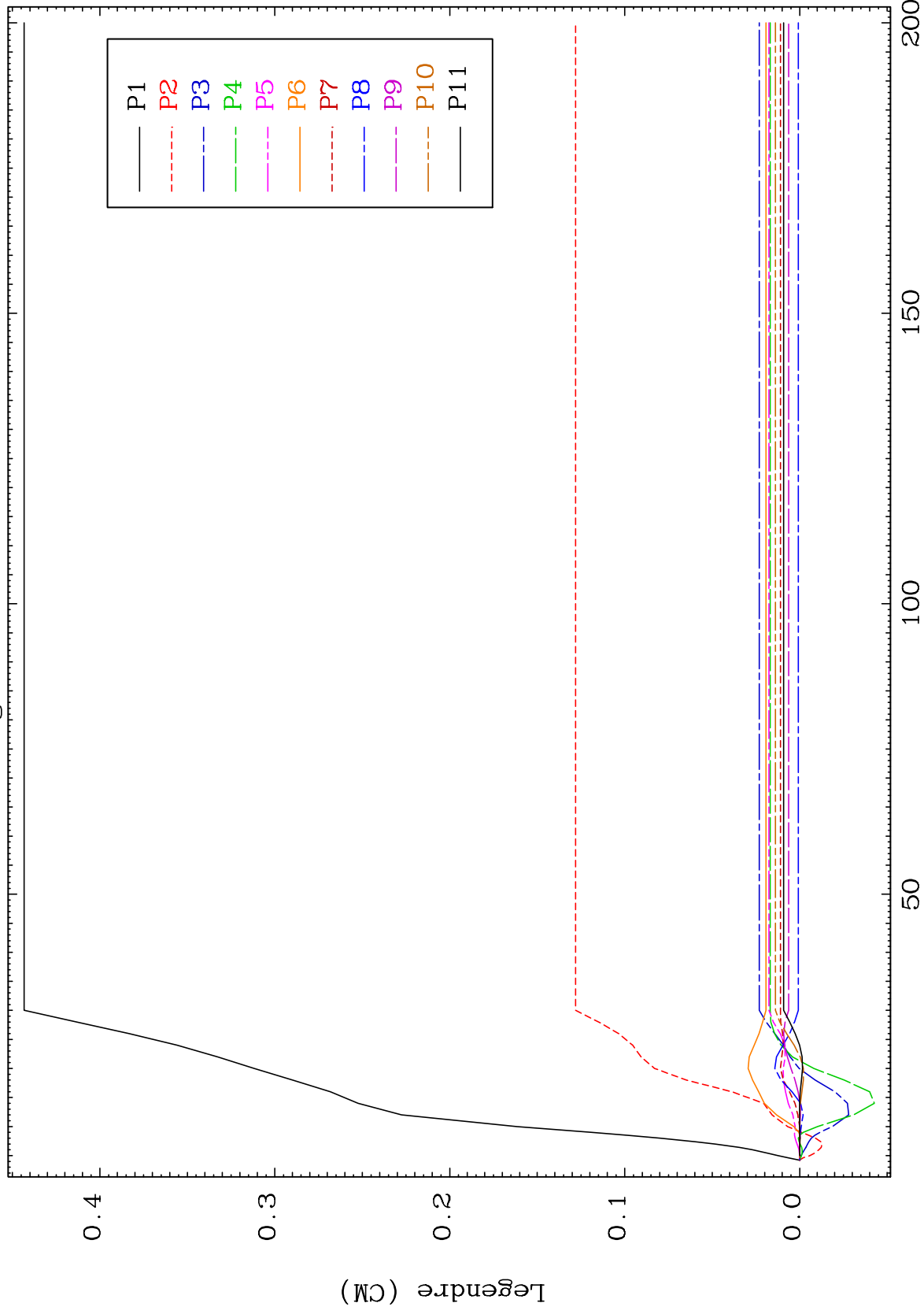




MAT 2822

4.046 MeV (n,n') Level
Legendre Coefficients

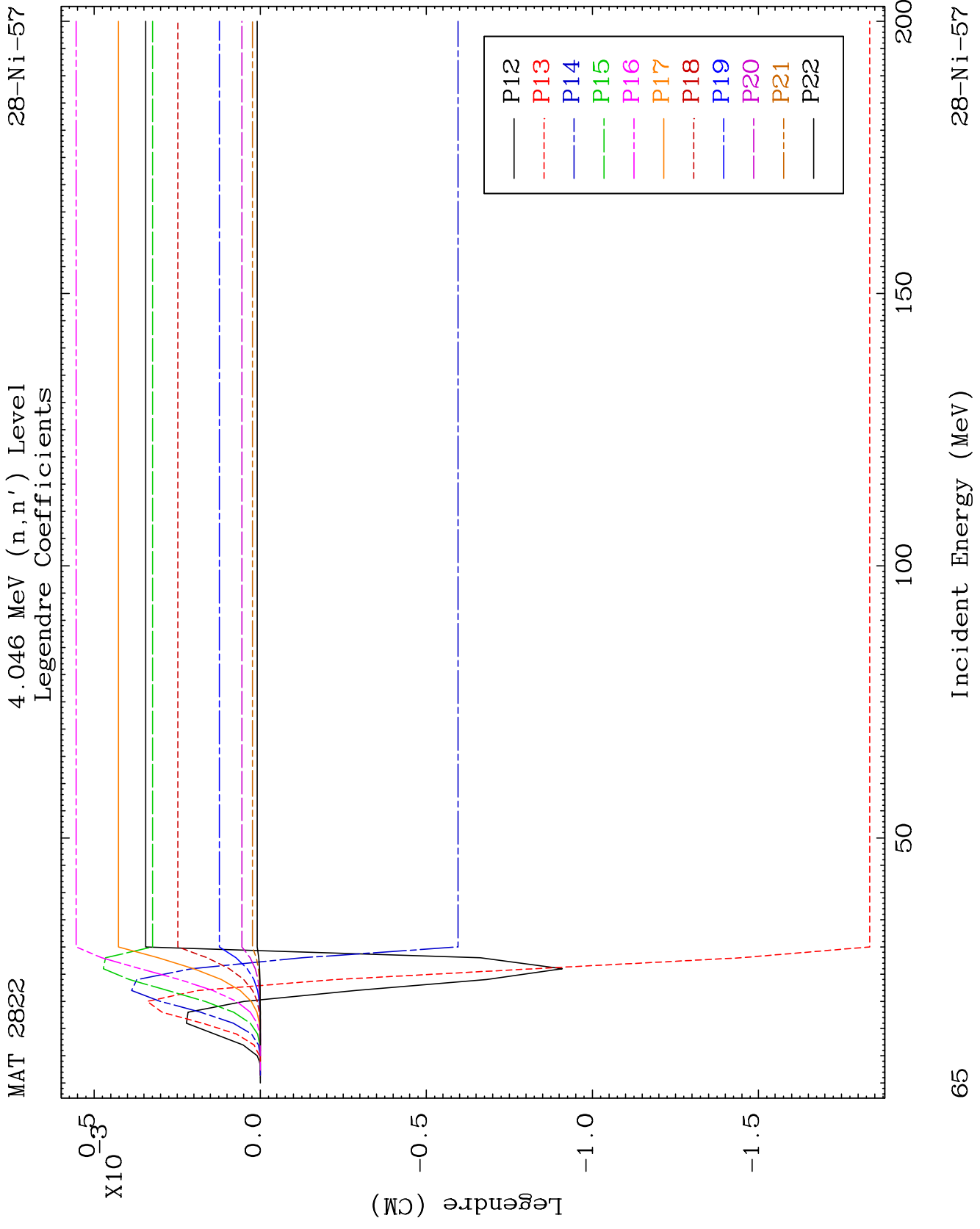
28-Ni-57



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Incident Energy (MeV)

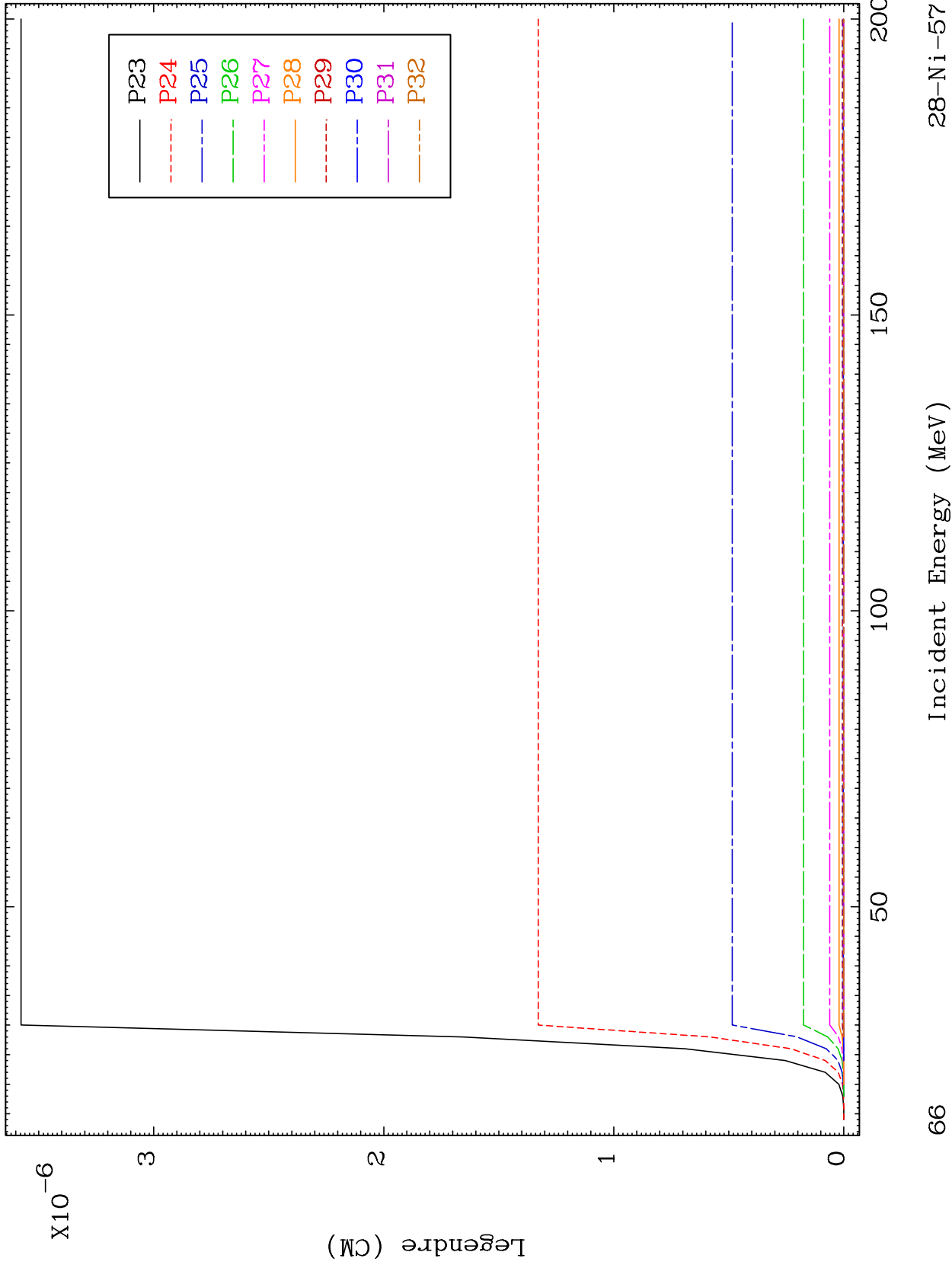
28-Ni-57



MAT 2822

4.046 MeV (n,n') Level
Legendre Coefficients

28-Ni-57



66

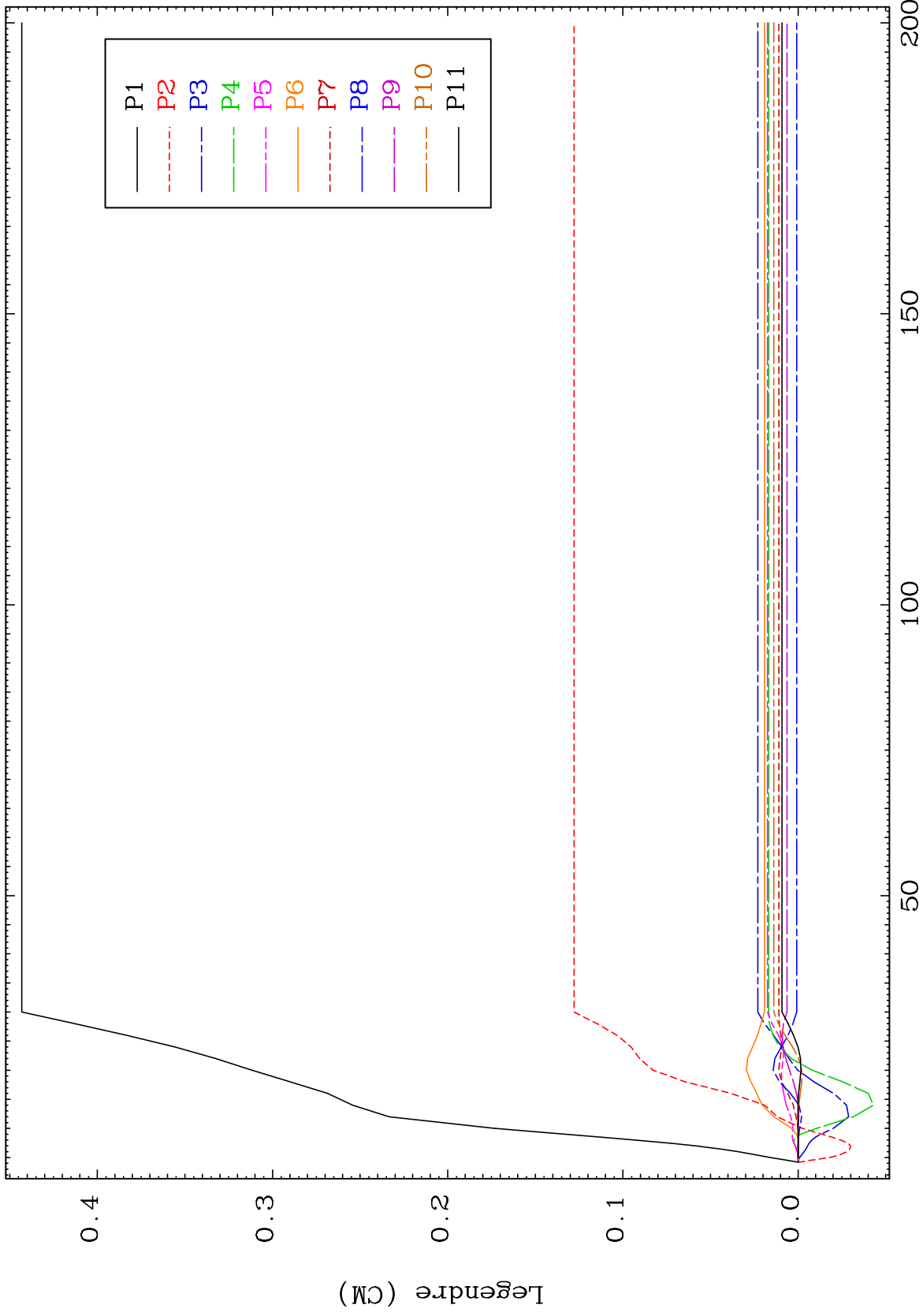
Incident Energy (MeV)

28-Ni-57

MAT 2822

4.073 MeV (n,n') Level
Legendre Coefficients

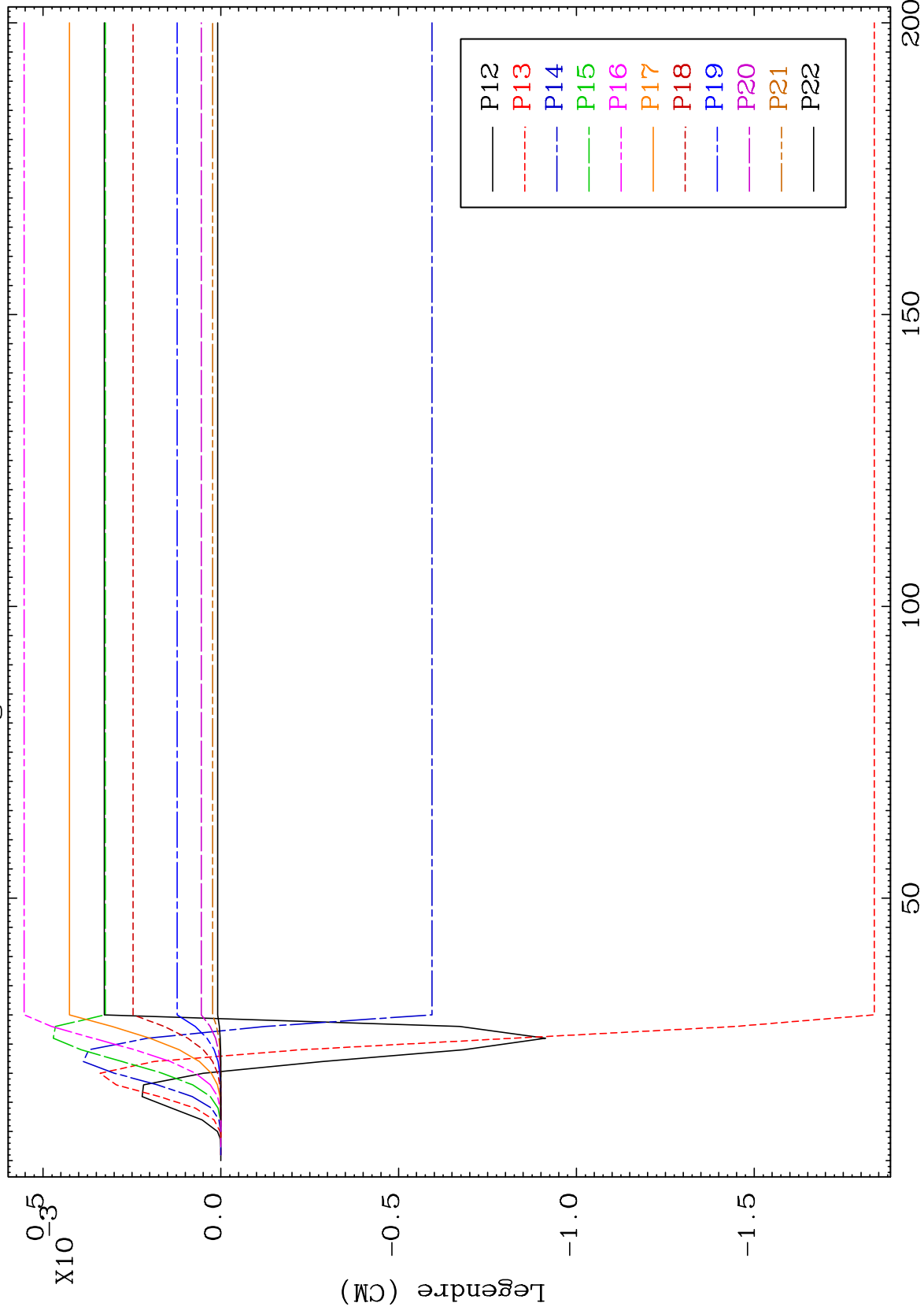
28-Ni-57



67

Incident Energy (MeV)

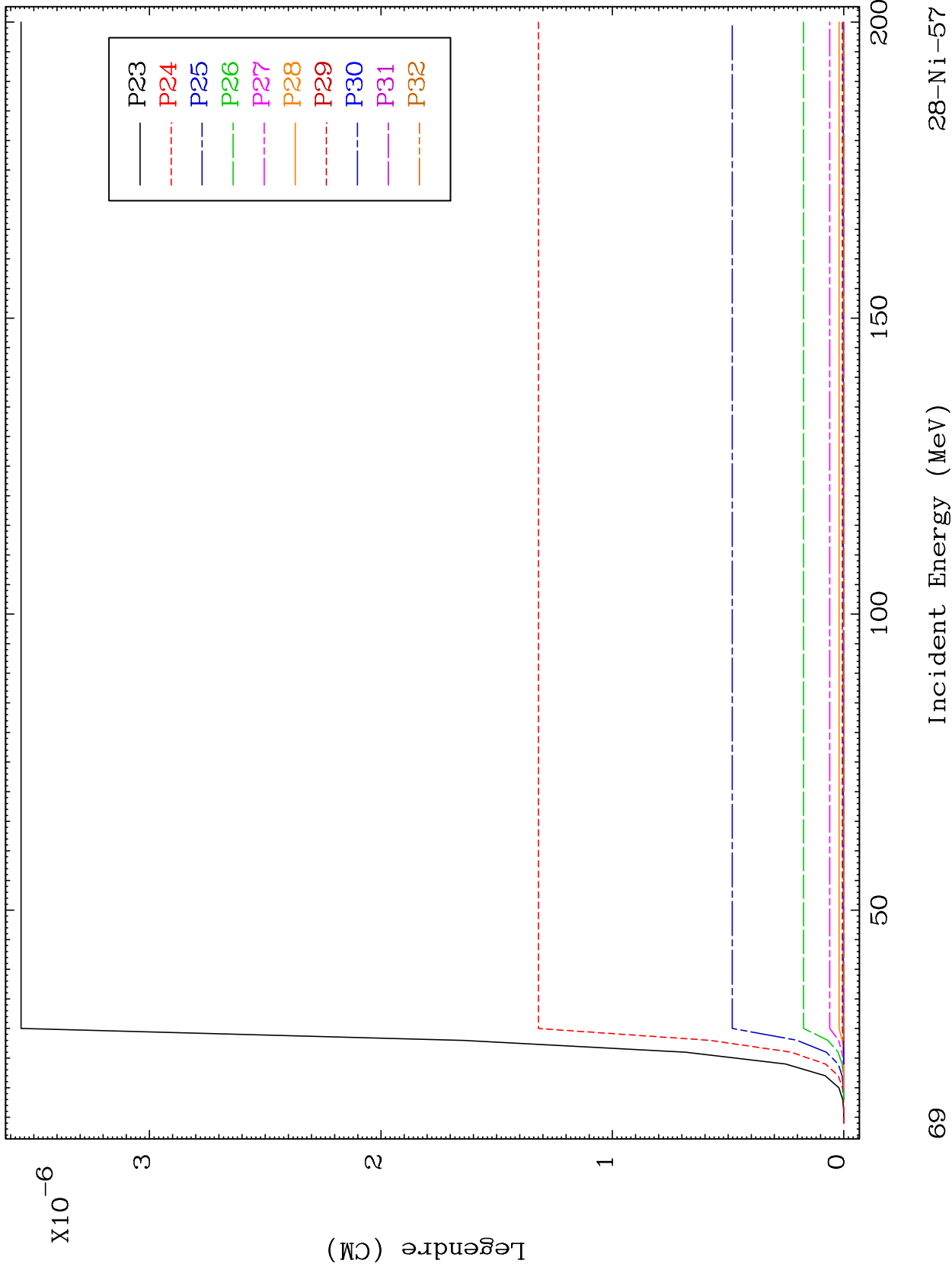
28-Ni-57



MAT 2822

4.073 MeV (n,n') Level
Legendre Coefficients

28-Ni-57



69

Incident Energy (MeV)

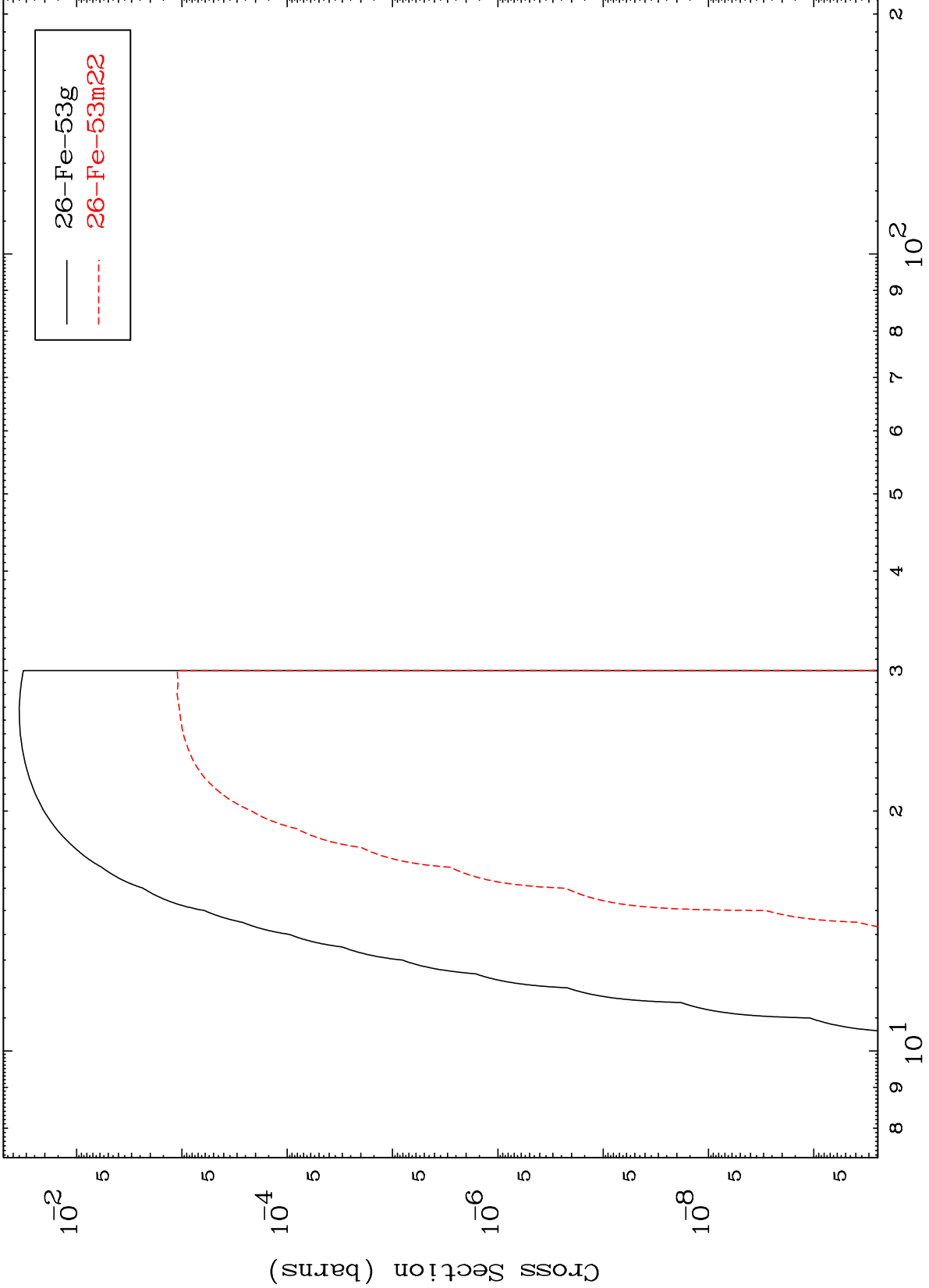
28-Ni-57

MAT 2822

$(n, n') \alpha$

28-Ni-57

Radionuclide Production Cross Section



70

Incident Energy (MeV)

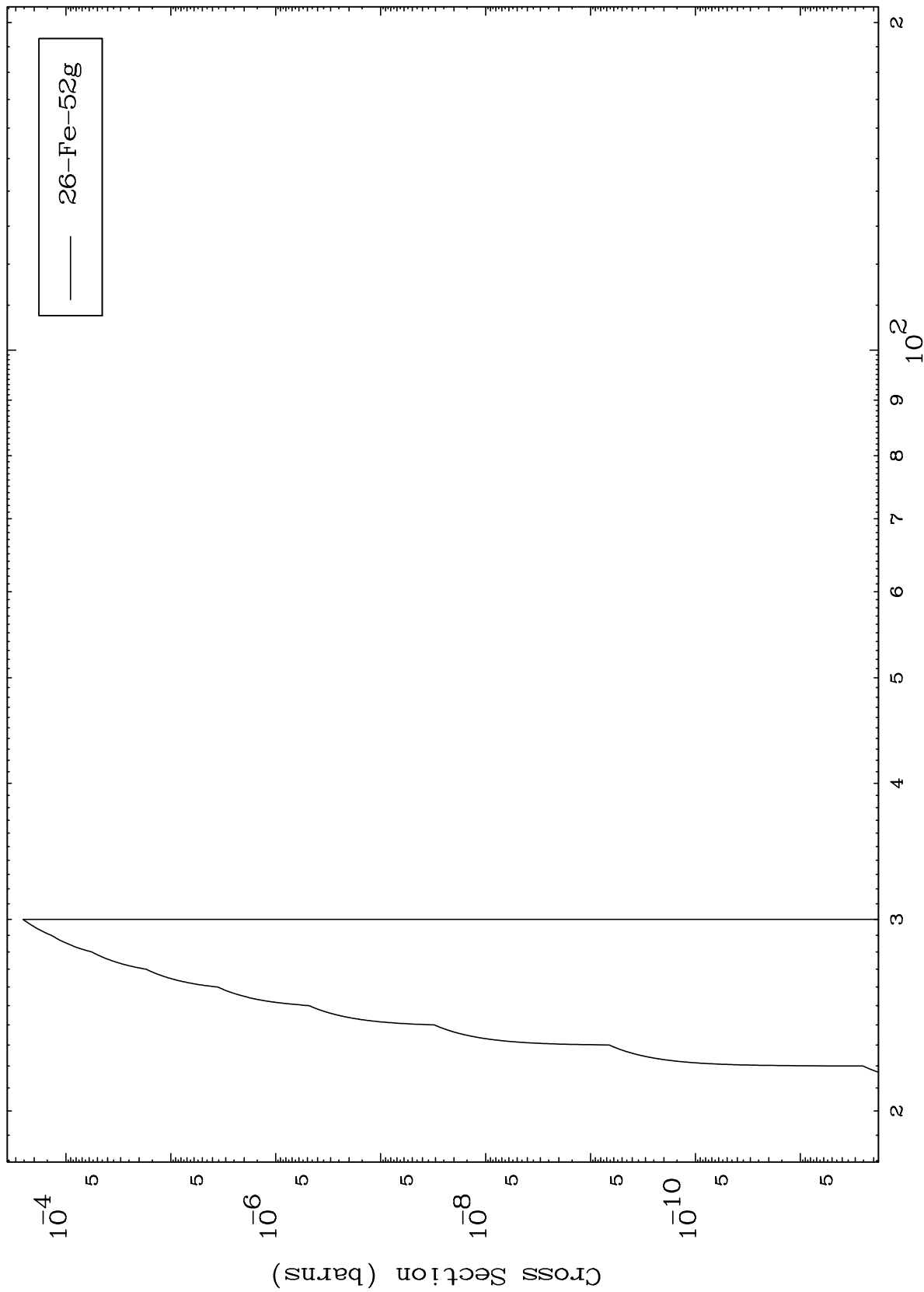
28-Ni-57

MAT 2822

(n,2n) α

28-Ni-57

Radionuclide Production Cross Section

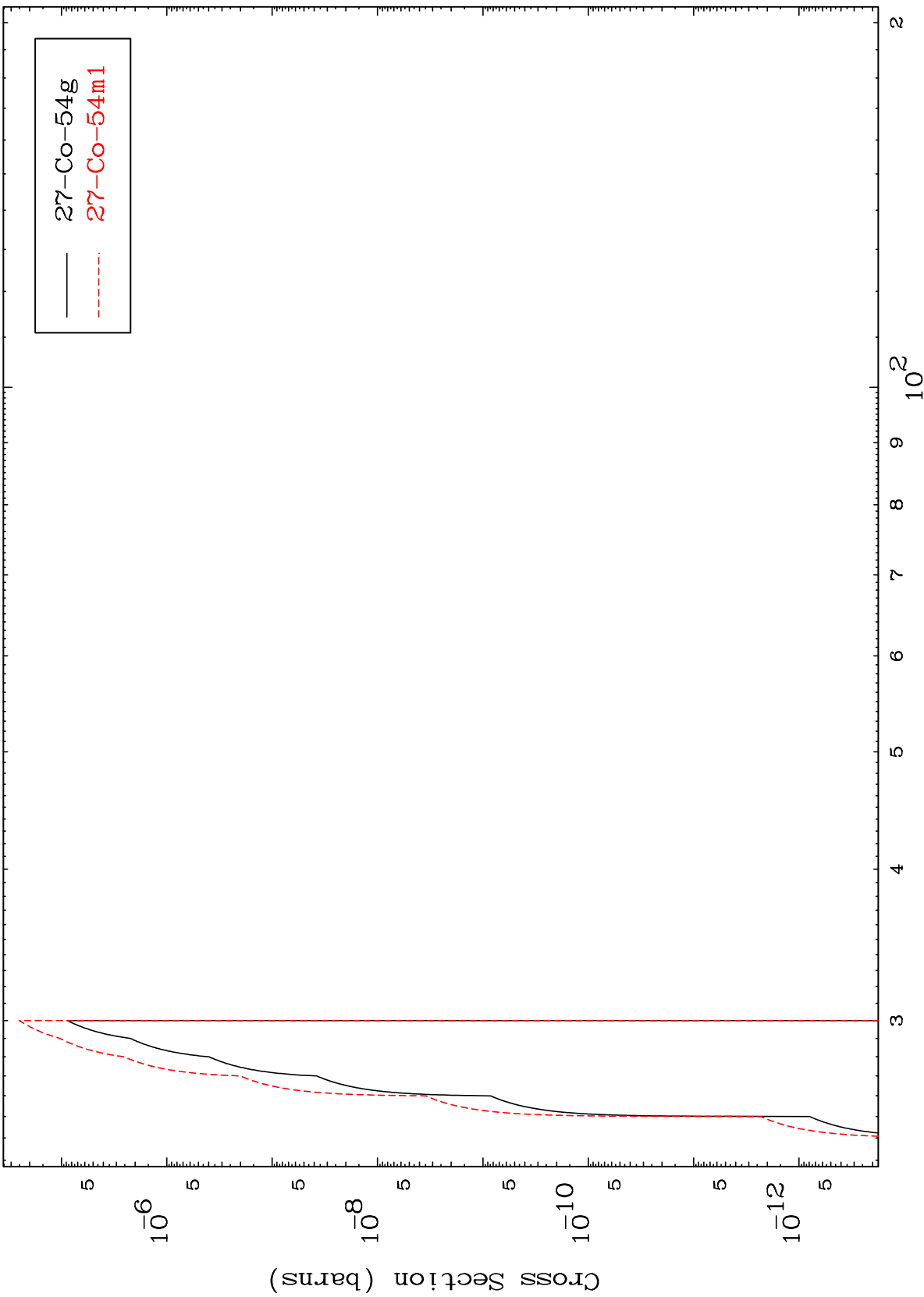


71

Incident Energy (MeV)

28-Ni-57

Radionuclide Production Cross Section

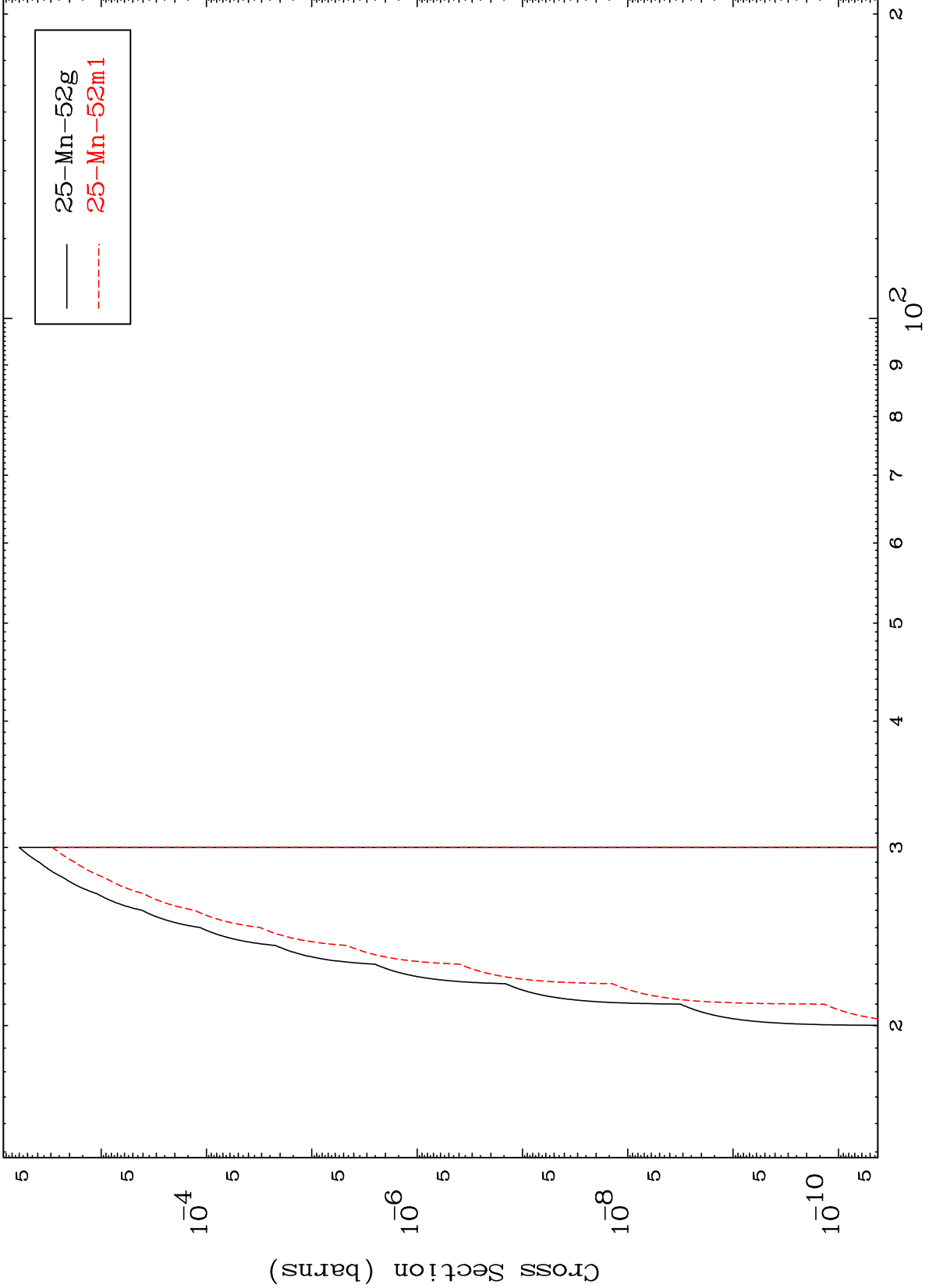


MAT 2822

(n,n') p α

28-Ni-57

Radionuclide Production Cross Section



73

Incident Energy (MeV)

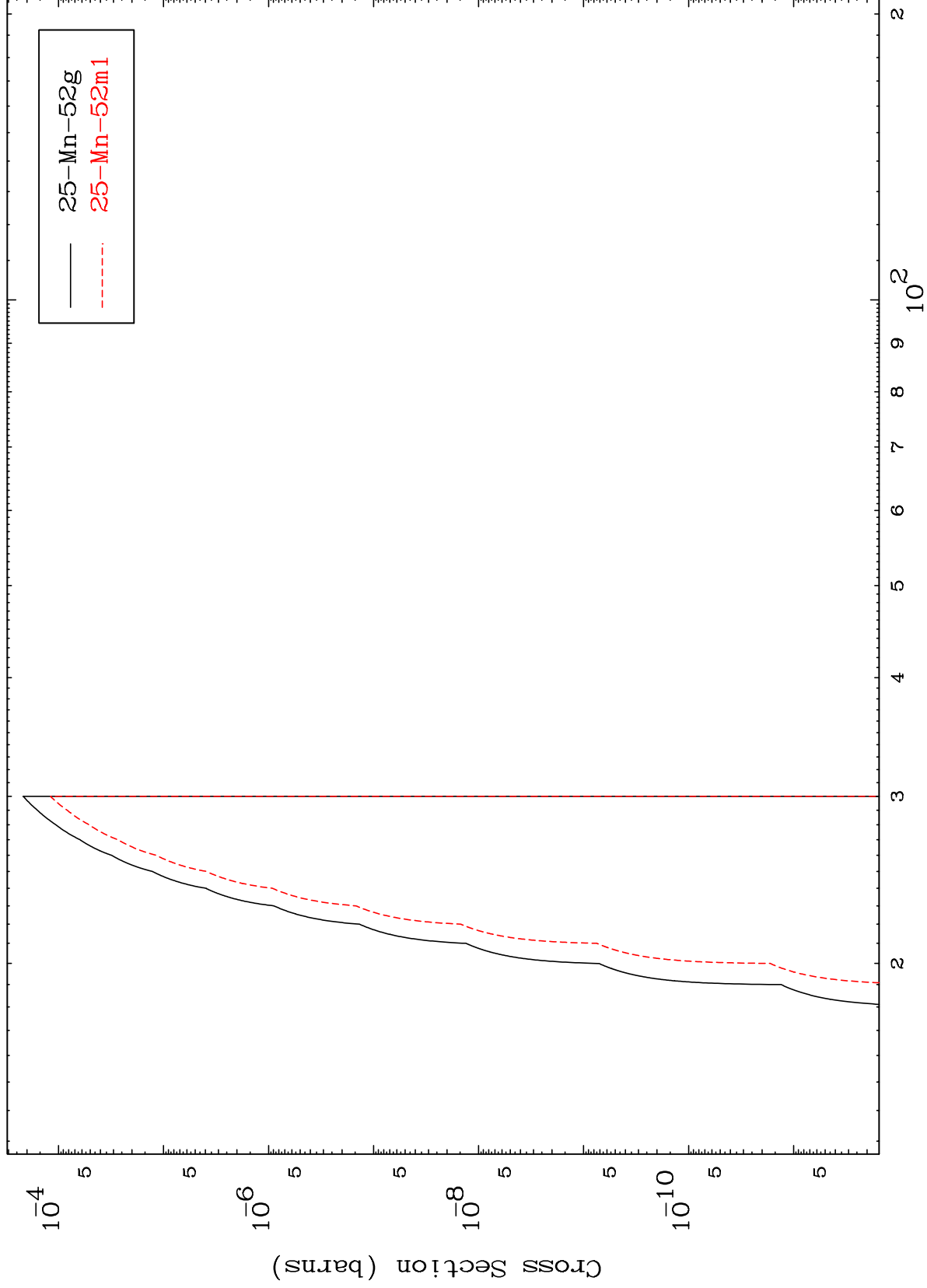
28-Ni-57

MAT 2822

(n,d) α

²⁸Ni-57

Radionuclide Production Cross Section



74

Incident Energy (MeV)

²⁸Ni-57