

Program EVALPLOT
(Version 2015-2)

by

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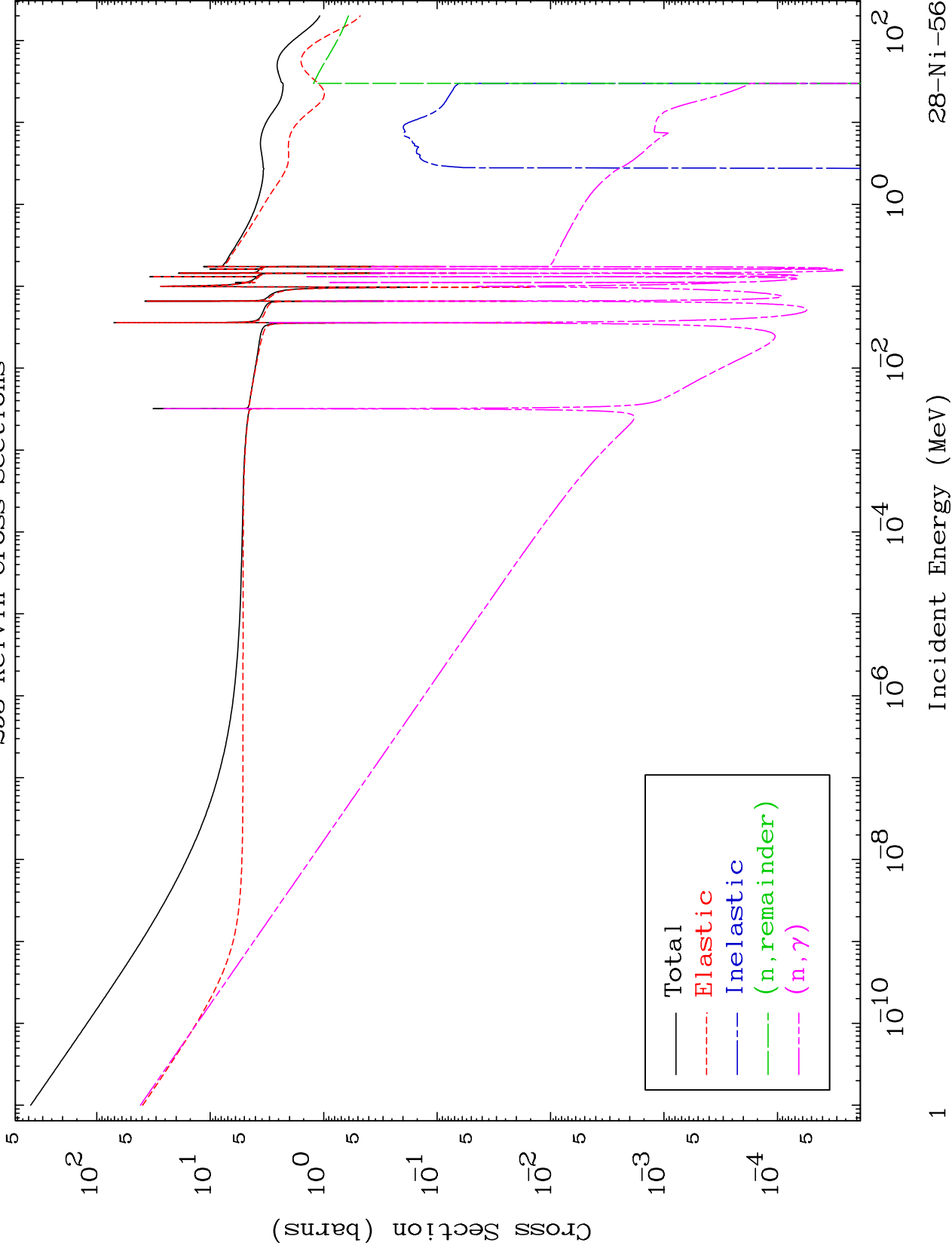
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 2819

Major
293 Kelvin Cross Sections

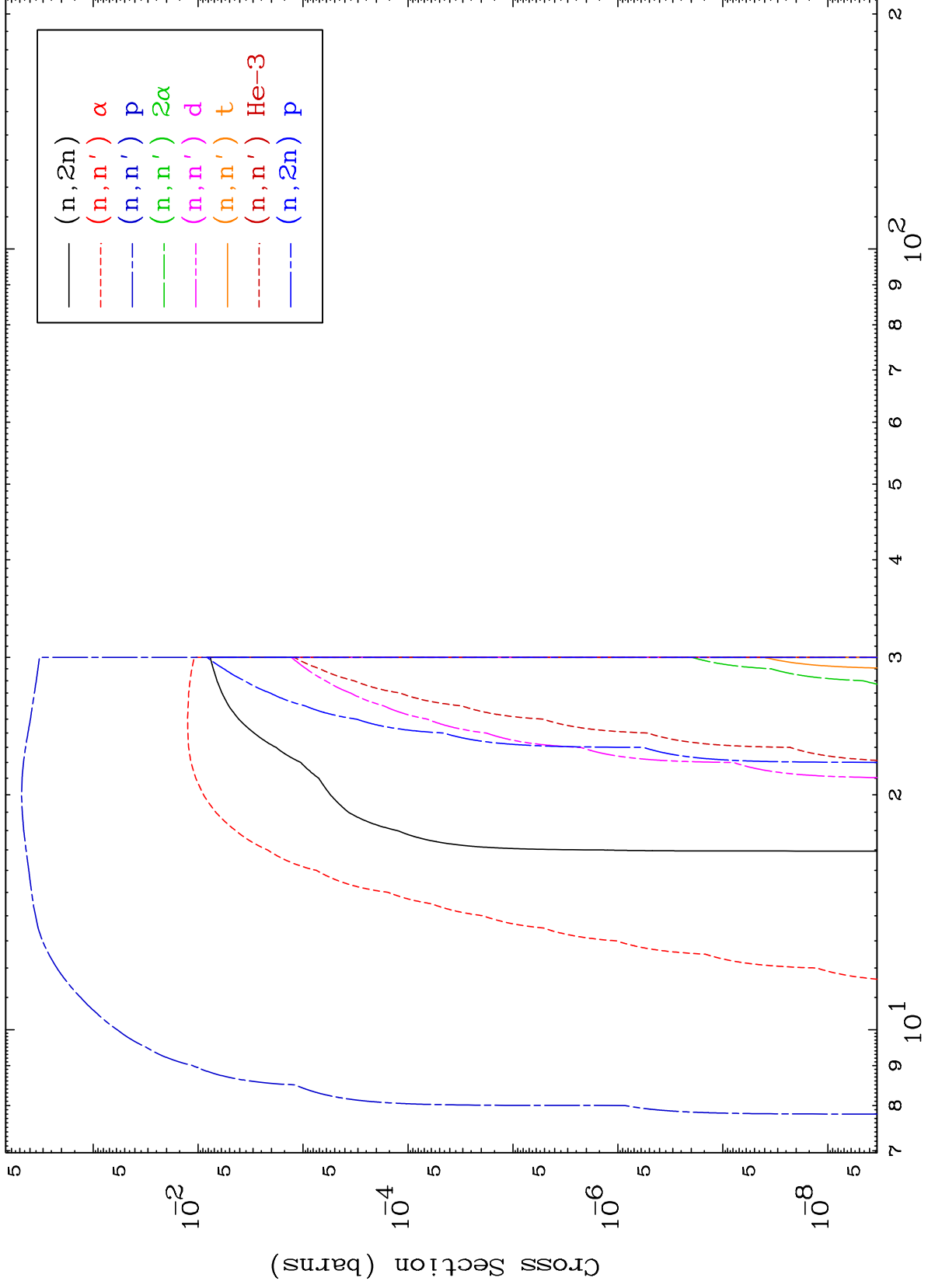
28-Ni-56



MAT 2819

Neutron Production
293 Kelvin Cross Sections

28-Ni-56



2

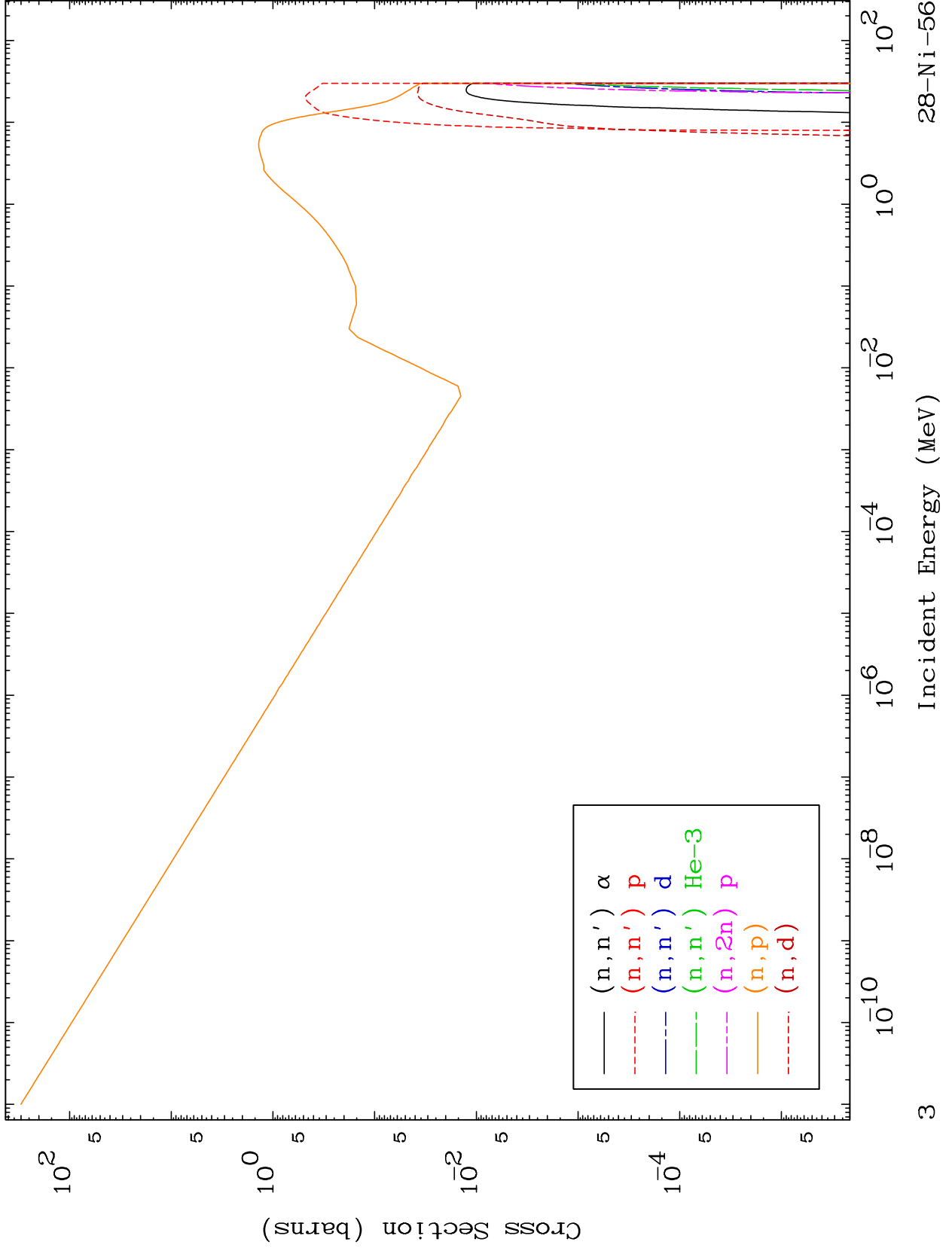
Incident Energy (MeV)

28-Ni-56

MAT 2819

Charged Particle
293 Kelvin Cross Sections

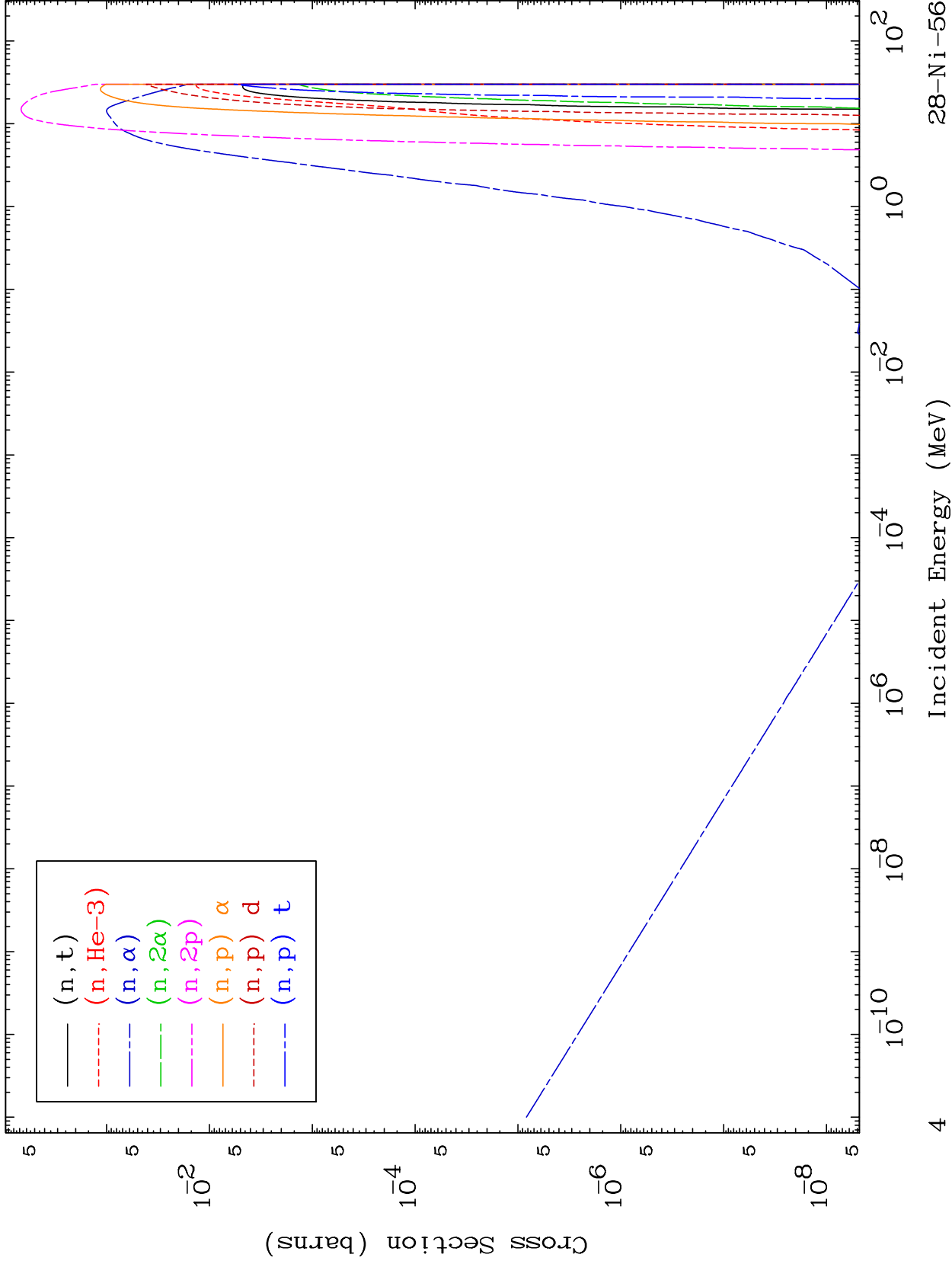
28-Ni-56



MAT 2819

Charged Particle
293 Kelvin Cross Sections

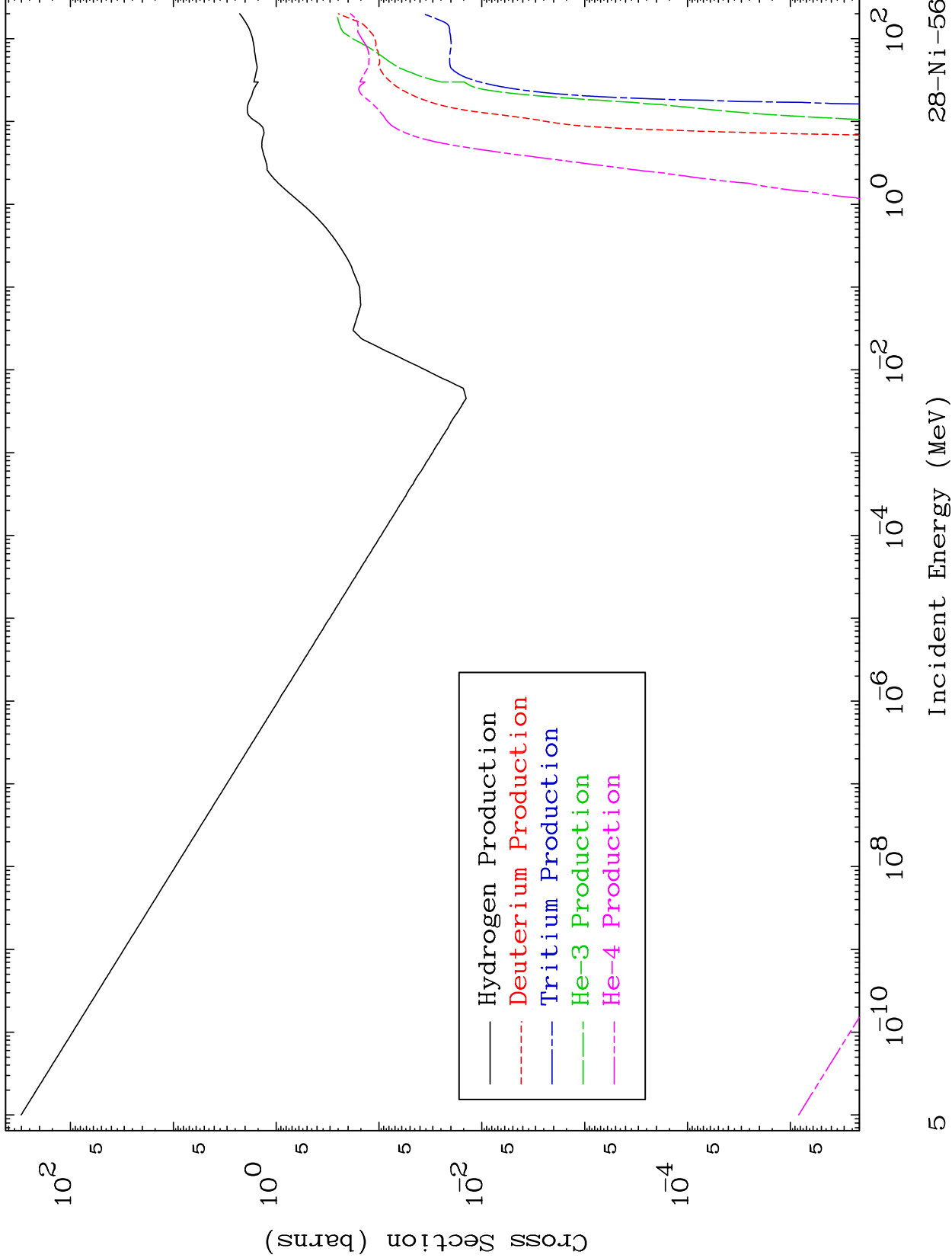
28-Ni-56



MAT 2819

Particle Production
293 Kelvin Cross Sections

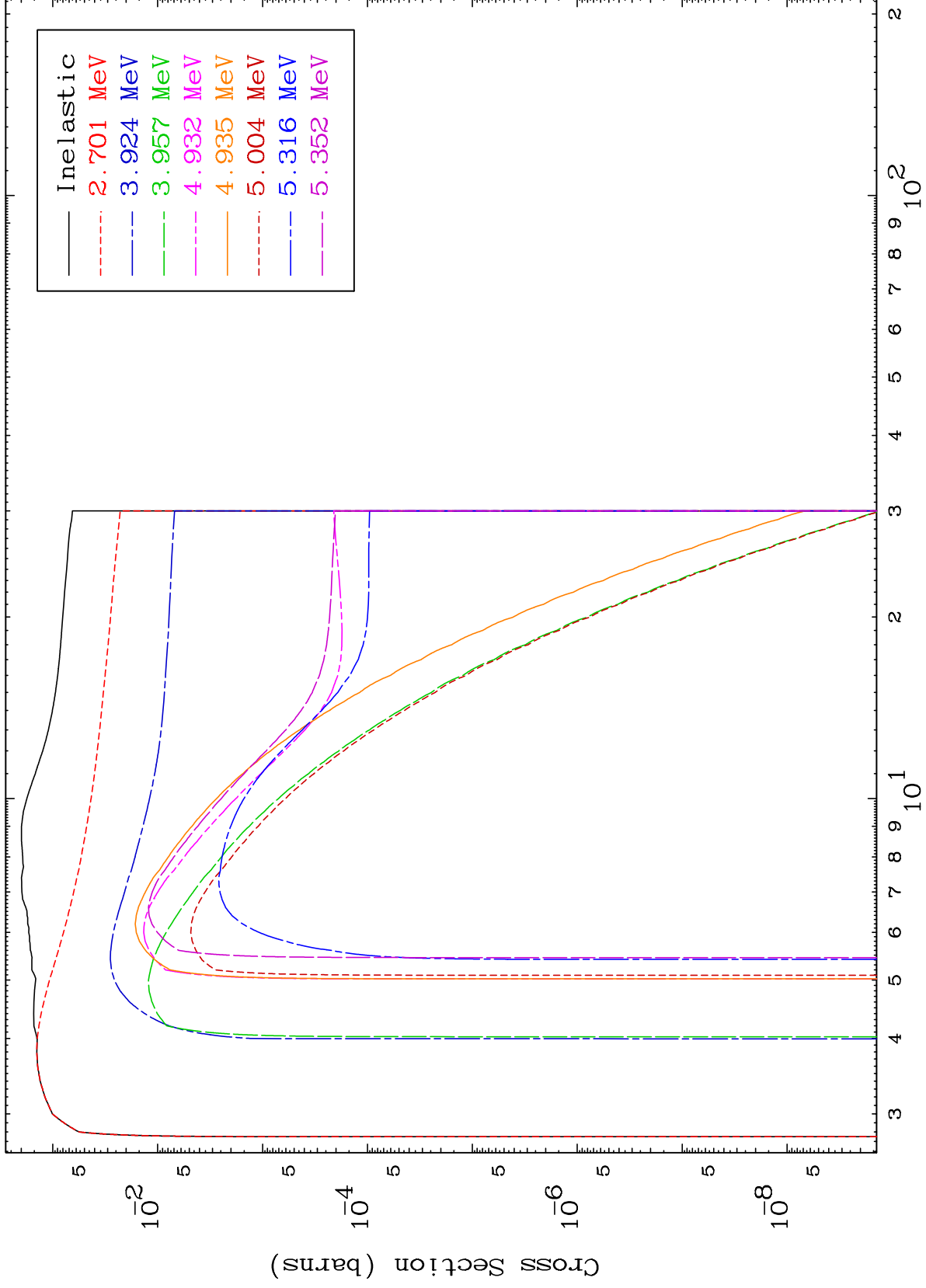
28-Ni-56



MAT 2819

(n,n') Level
293 Kelvin Cross Sections

28-Ni-56



6

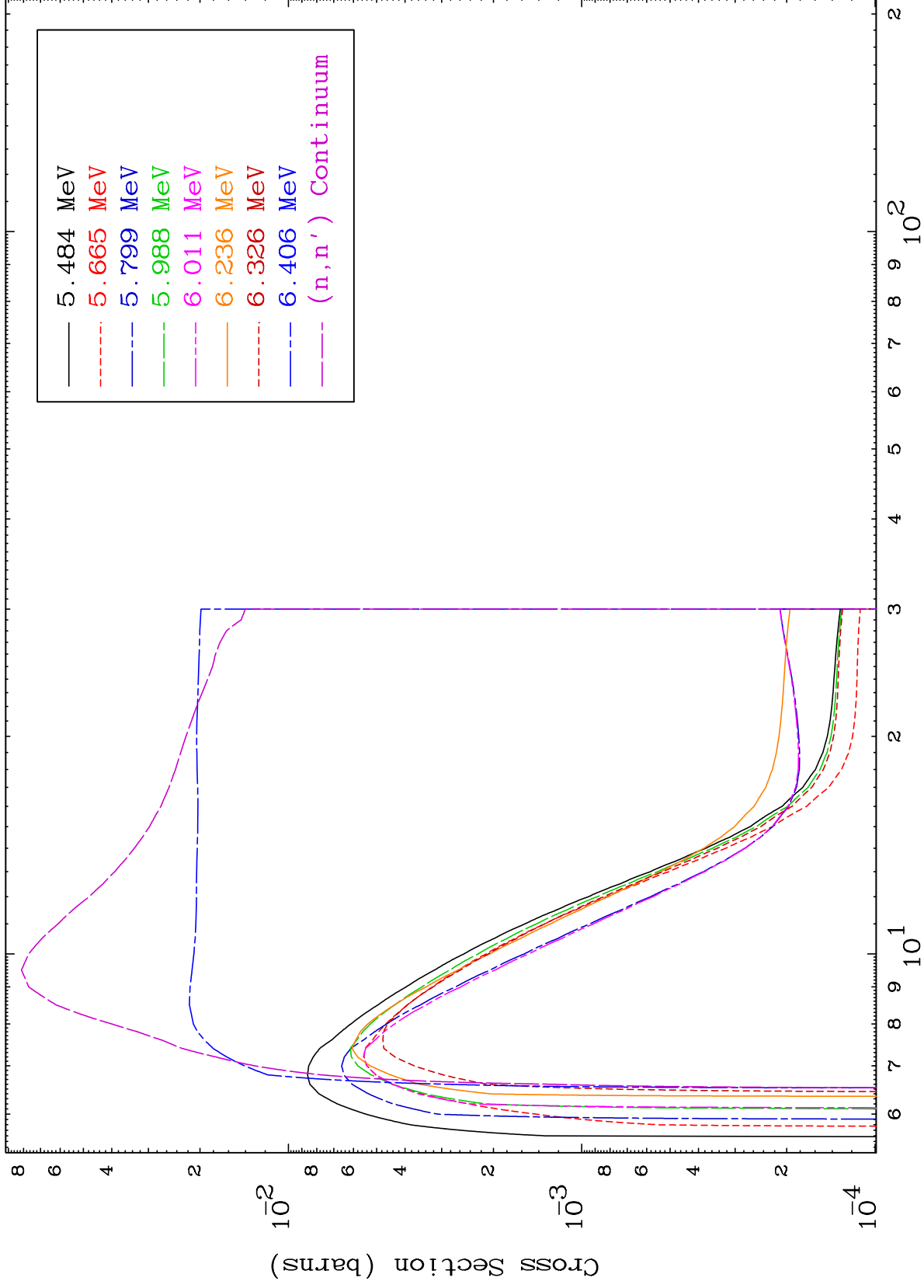
Incident Energy (MeV)

28-Ni-56

MAT 2819

(n,n') Level
293 Kelvin Cross Sections

28-Ni-56



7

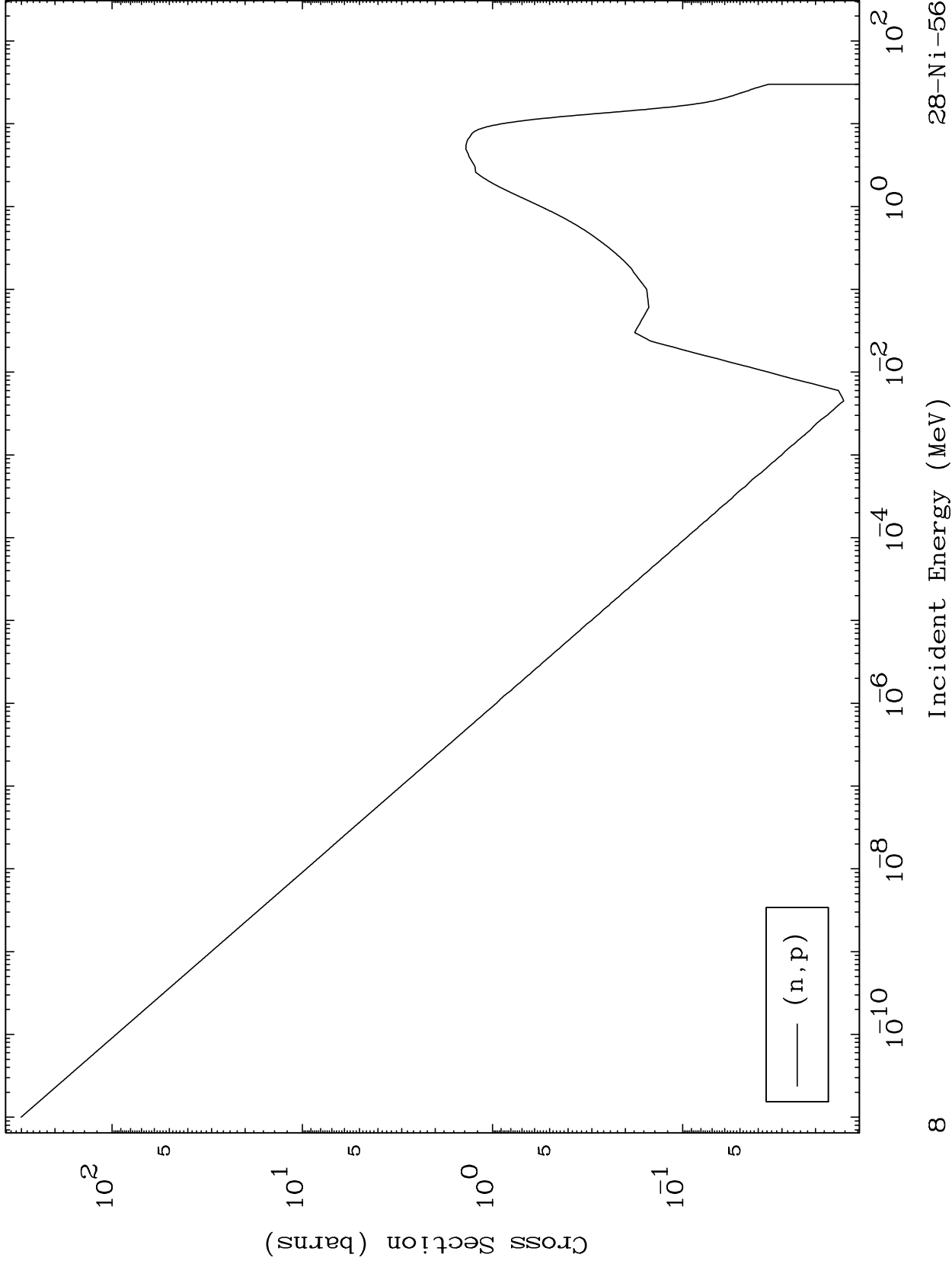
Incident Energy (MeV)

28-Ni-56

MAT 2819

(n,p) Levels
293 Kelvin Cross Sections

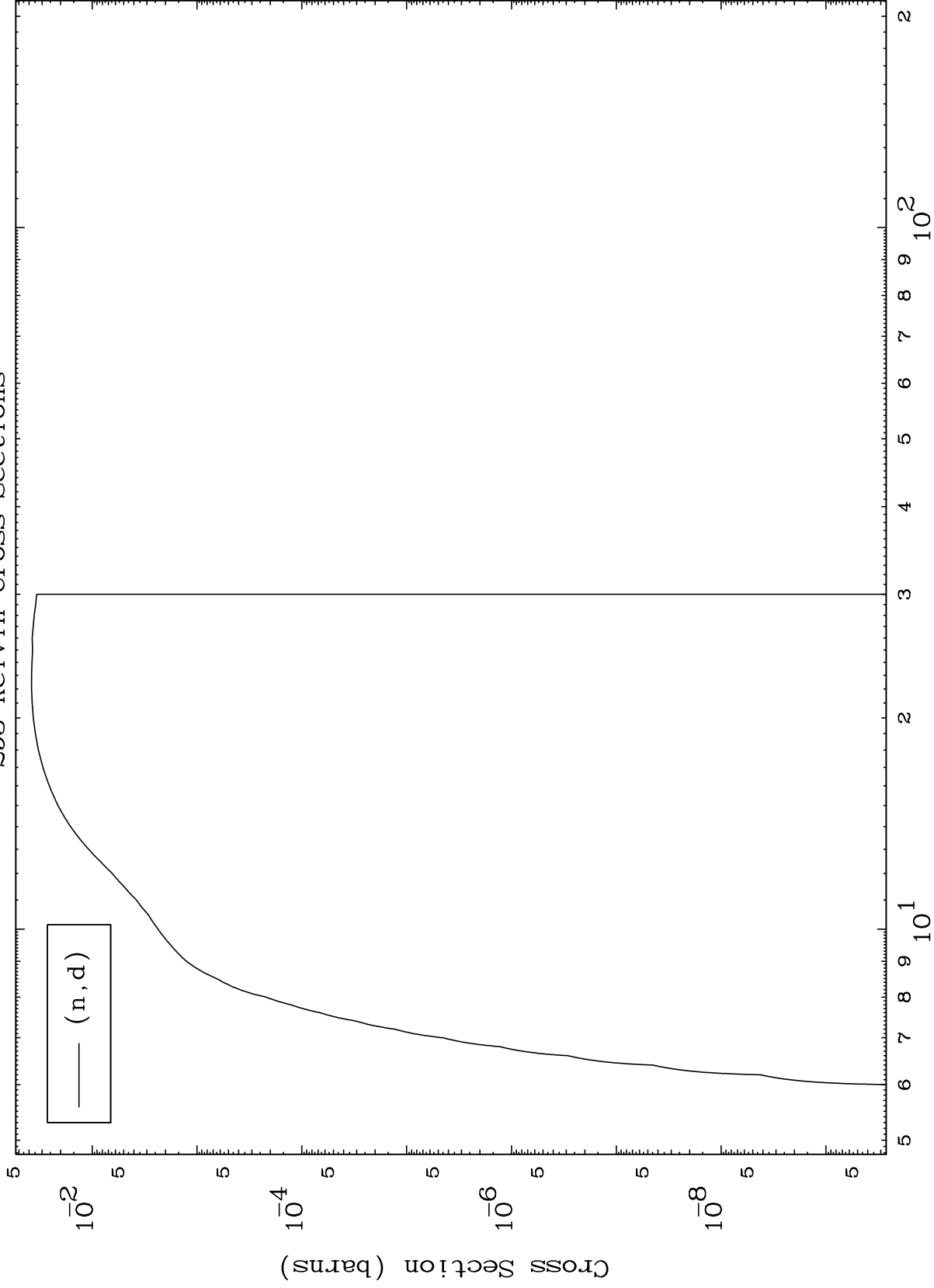
28-Ni-56



MAT 2819

(n,d) Levels
293 Kelvin Cross Sections

28-Ni-56



9

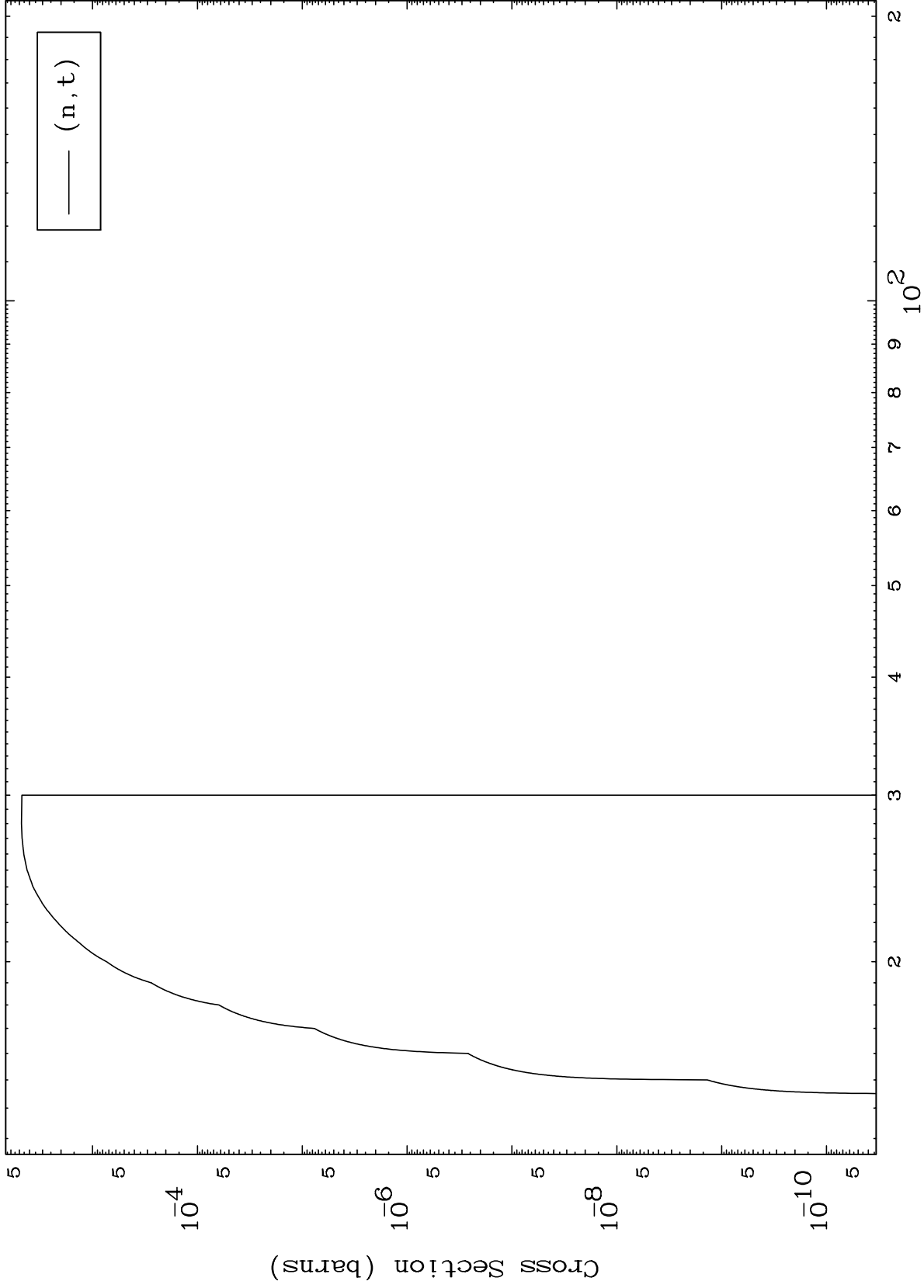
Incident Energy (MeV)

28-Ni-56

MAT 2819

(n,t) Levels
293 Kelvin Cross Sections

28-Ni-56



10

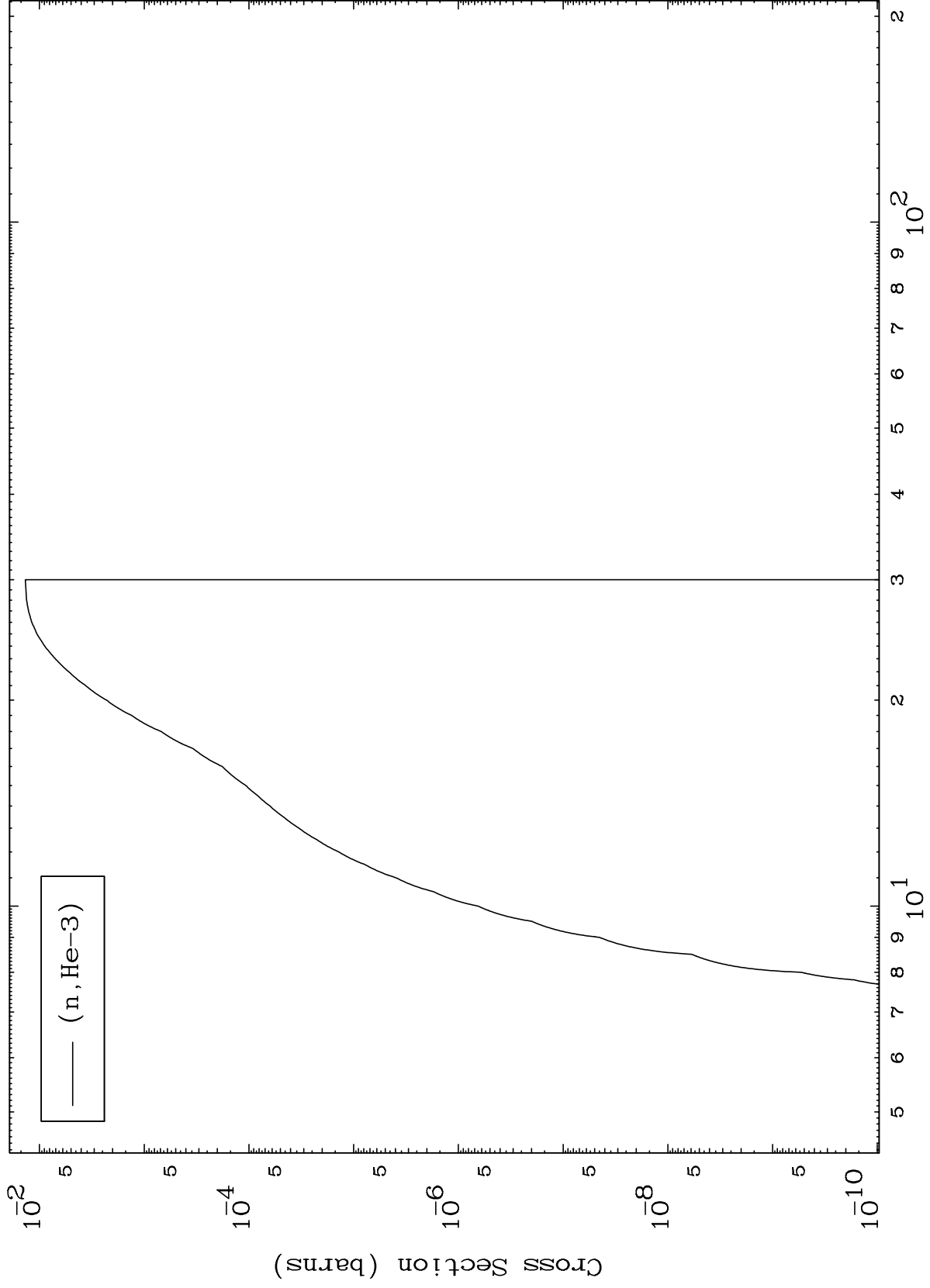
Incident Energy (MeV)

28-Ni-56

MAT 2819

(n,He3) Levels
293 Kelvin Cross Sections

28-Ni-56



11

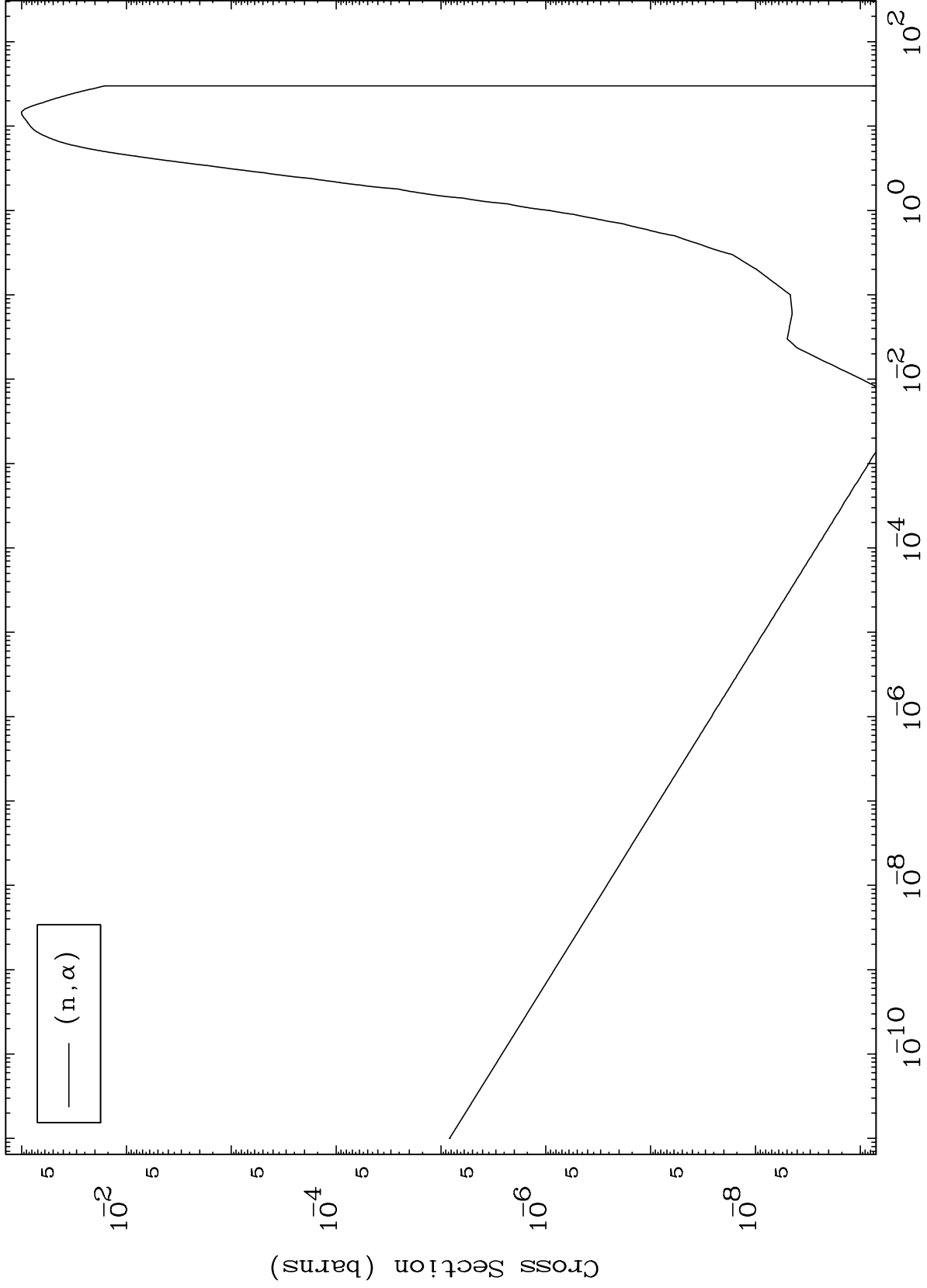
Incident Energy (MeV)

28-Ni-56

MAT 2819

(n, α) Levels
293 Kelvin Cross Sections

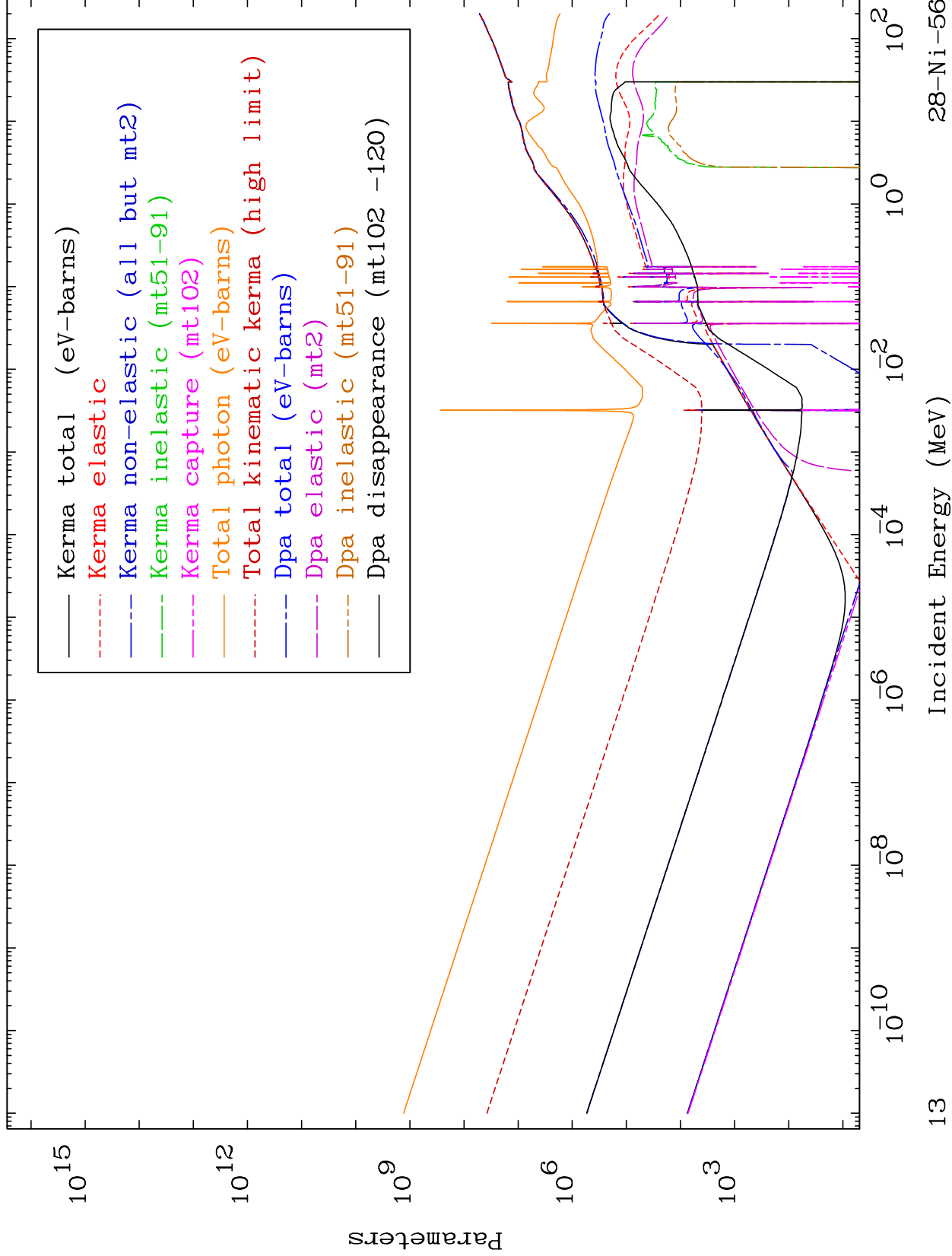
28-Ni-56



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Incident Energy (MeV)

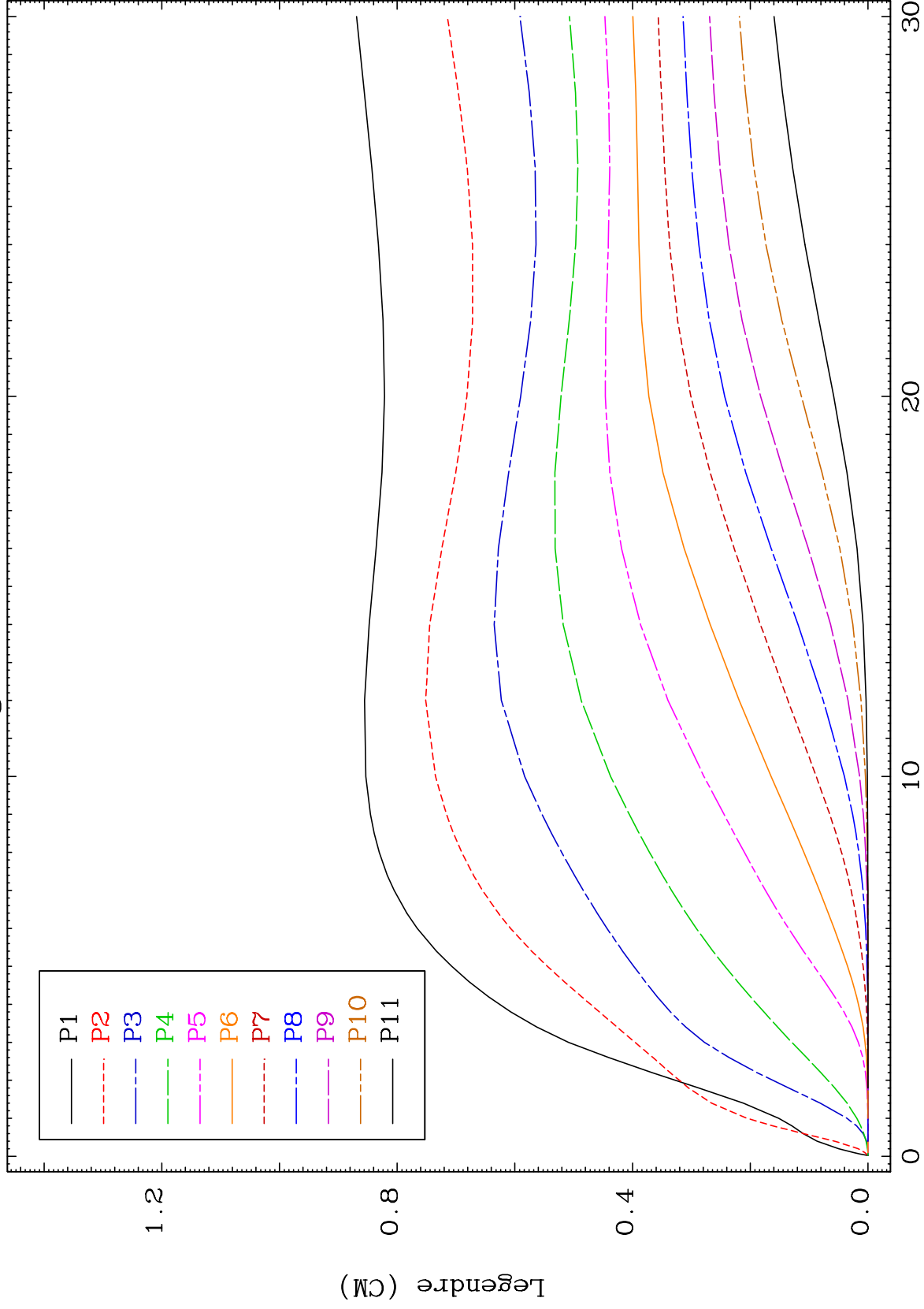
28-Ni-56



MAT 2819

Elastic Legendre Coefficients

28-Ni-56



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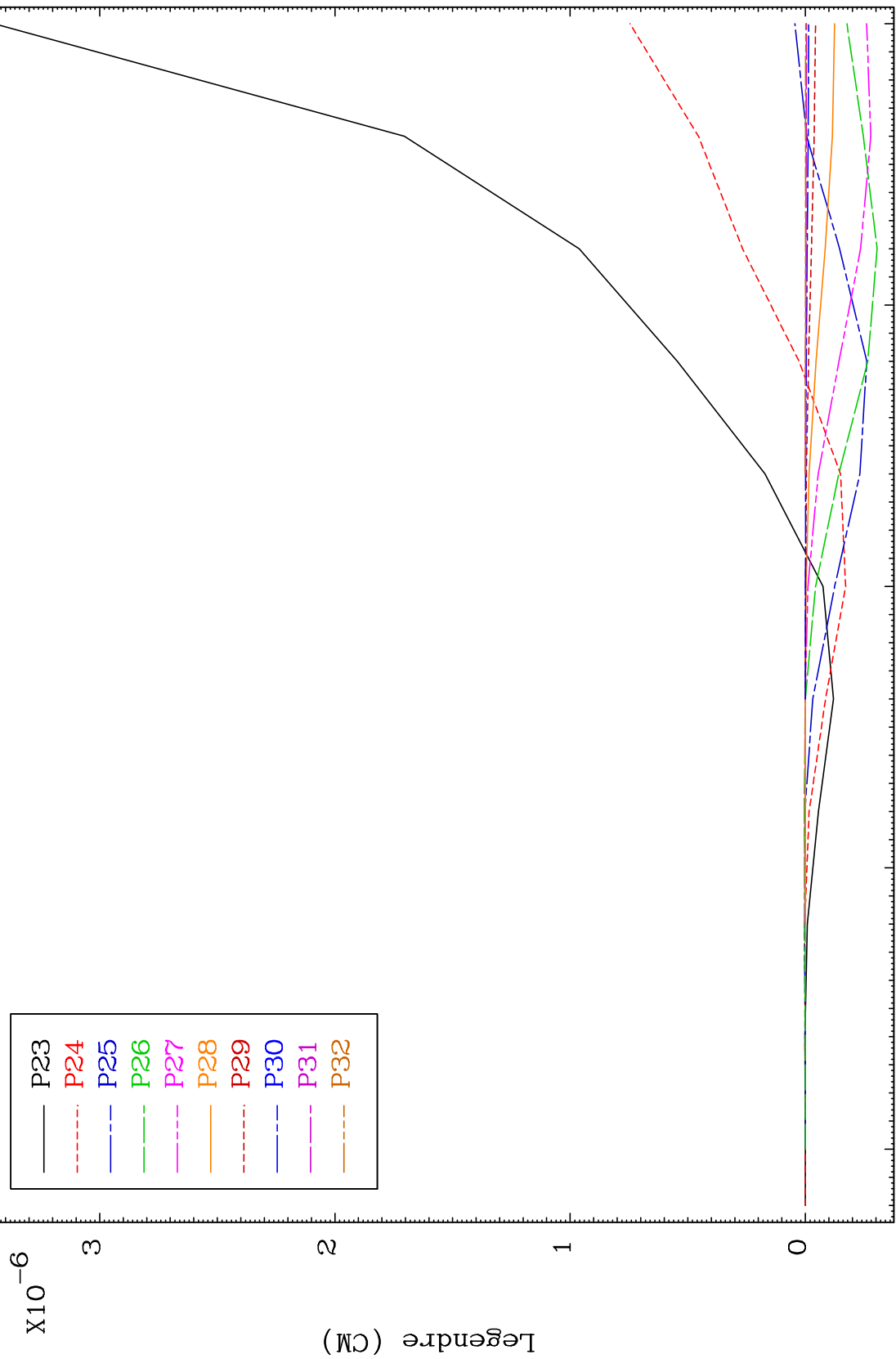
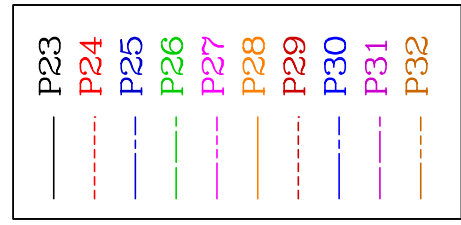
Incident Energy (MeV)

28-Ni-56

MAT 2819

Elastic Legendre Coefficients

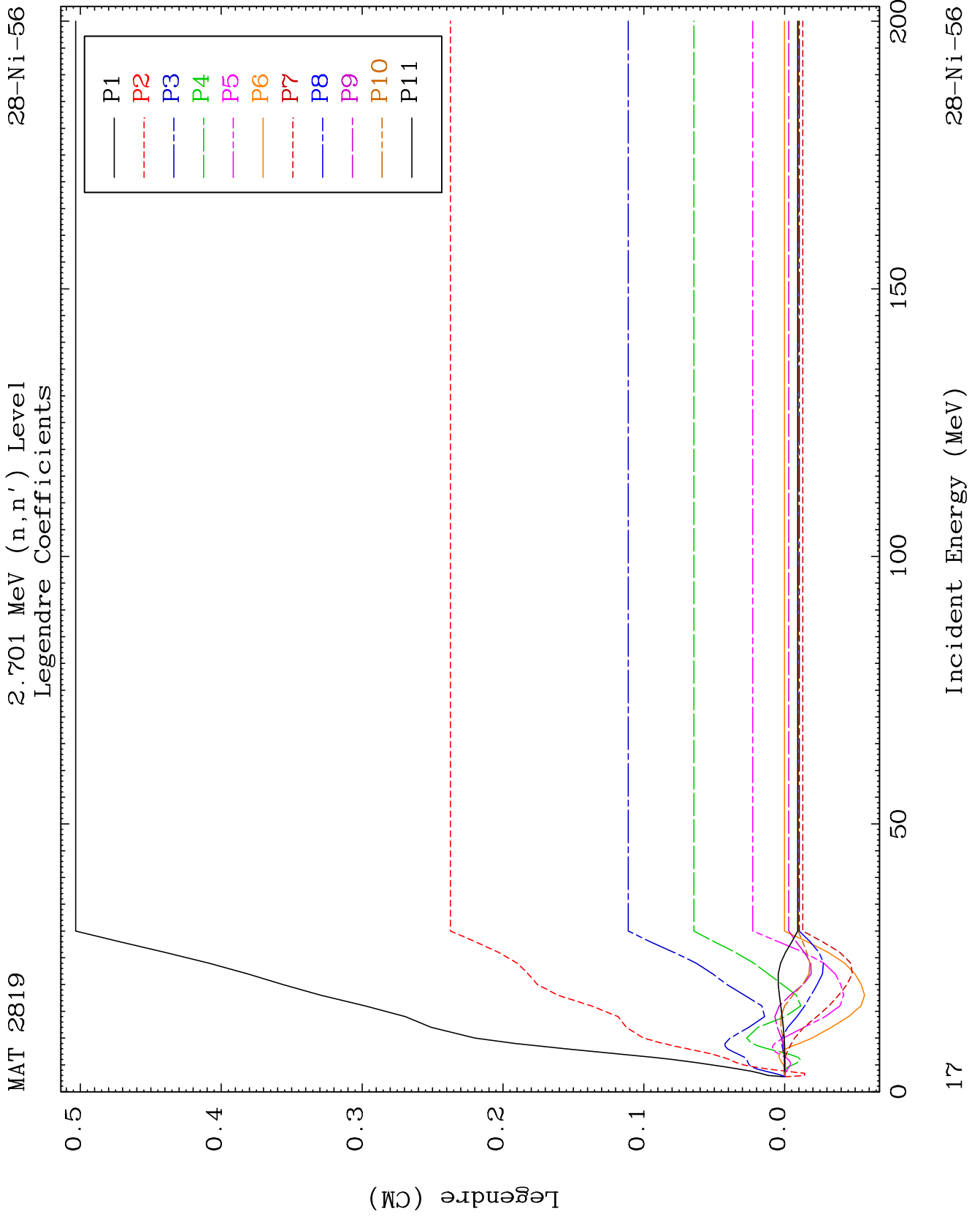
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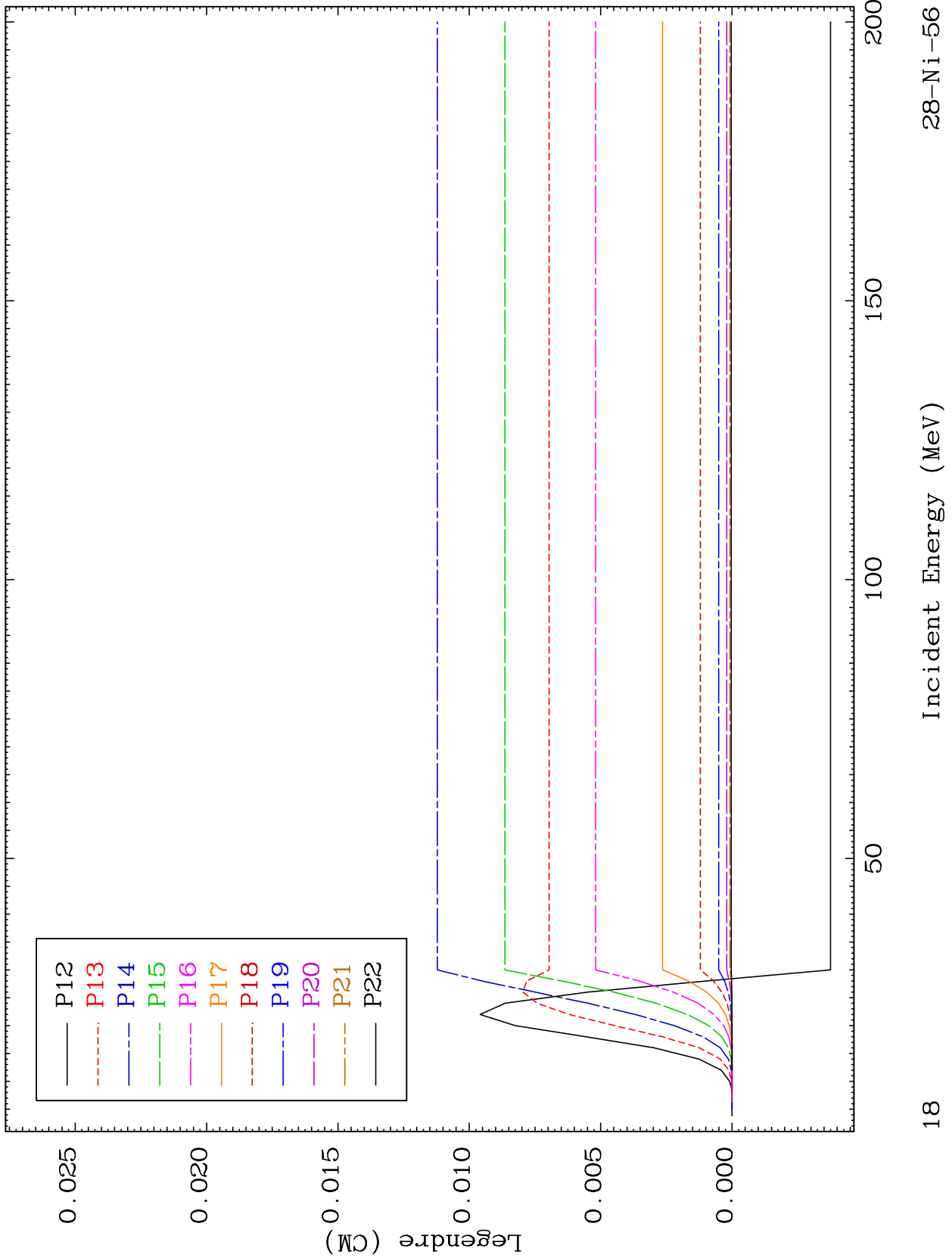


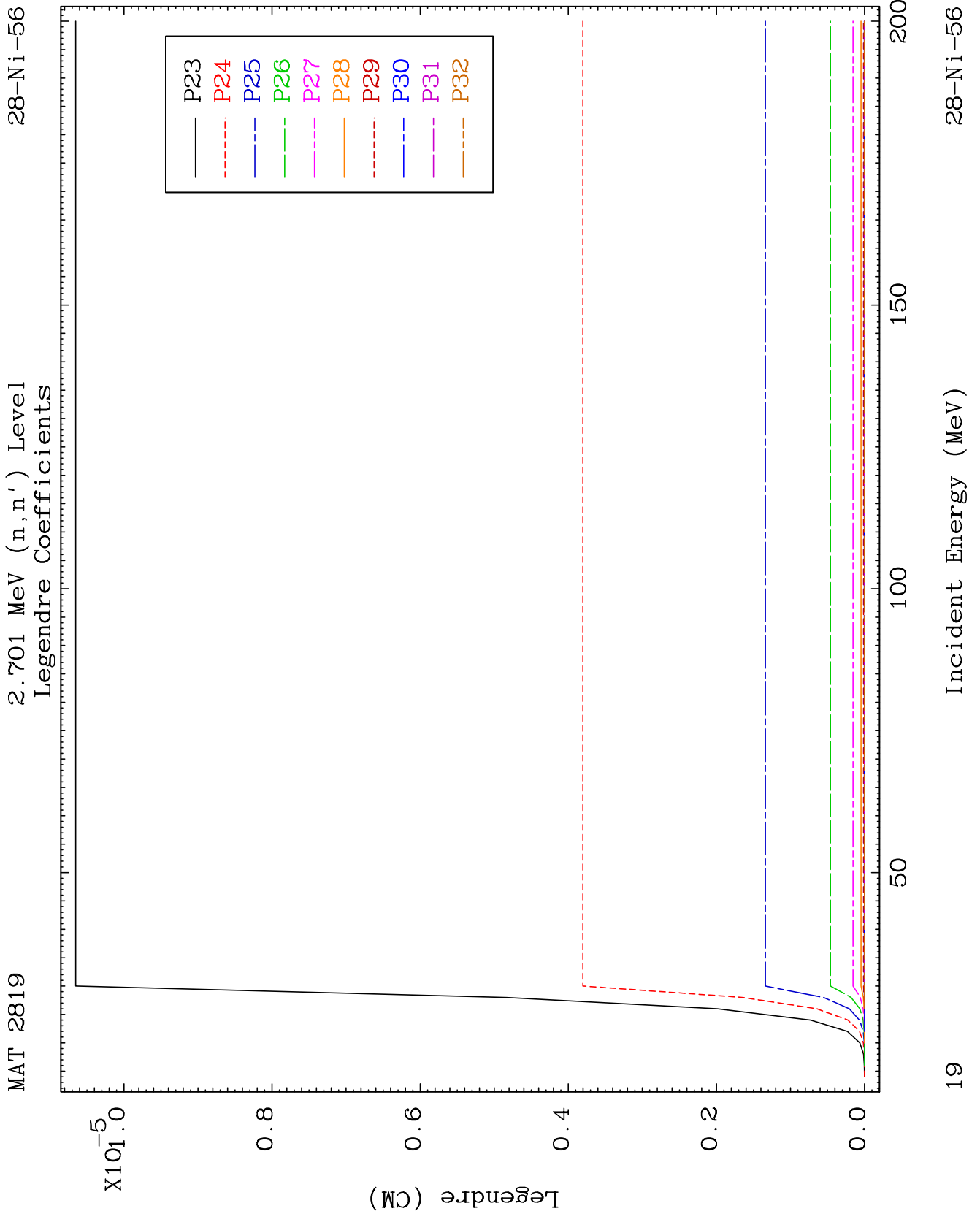
16

Incident Energy (MeV)

28-Ni-56



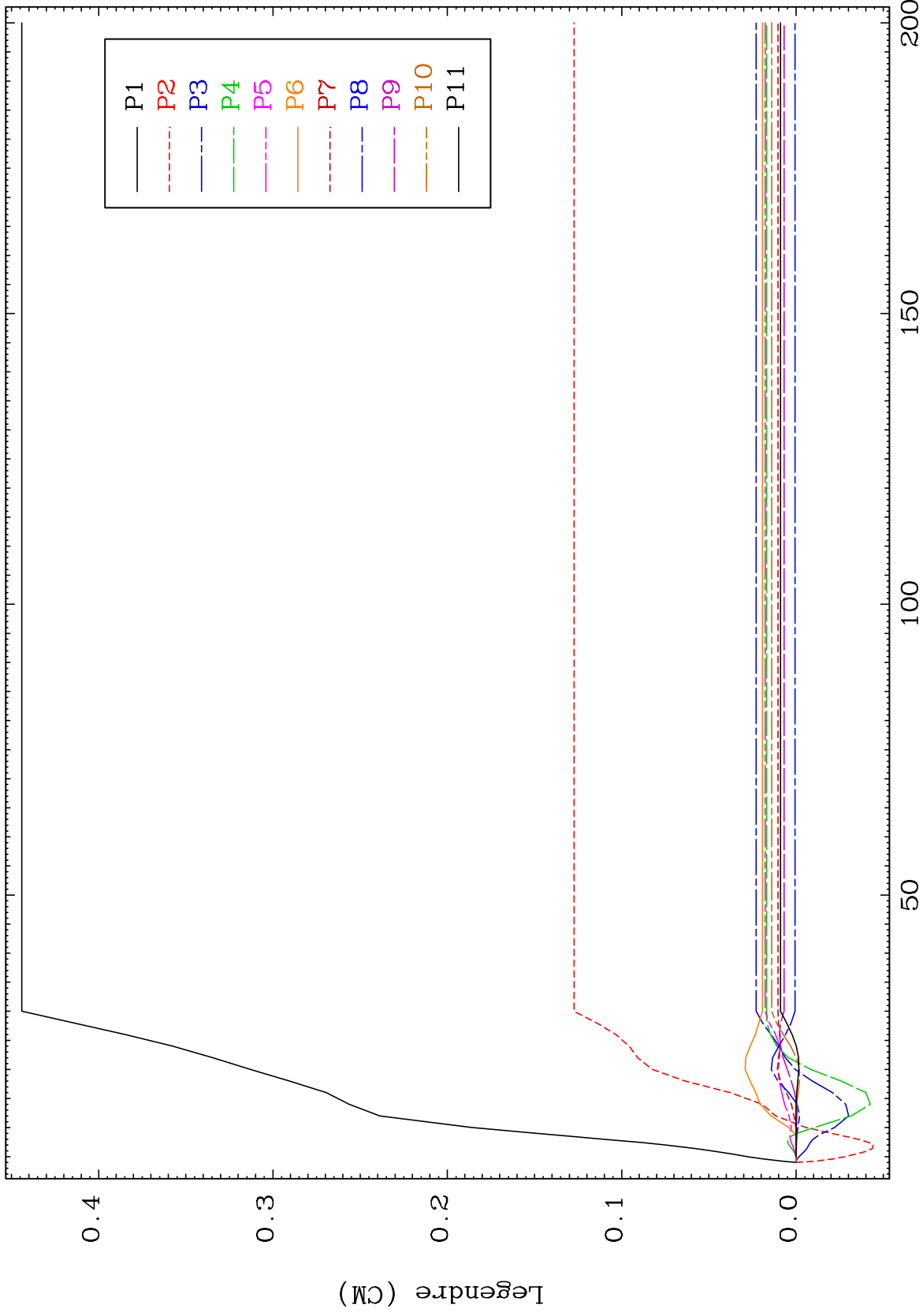




MAT 2819

3.924 MeV (n,n') Level
Legendre Coefficients

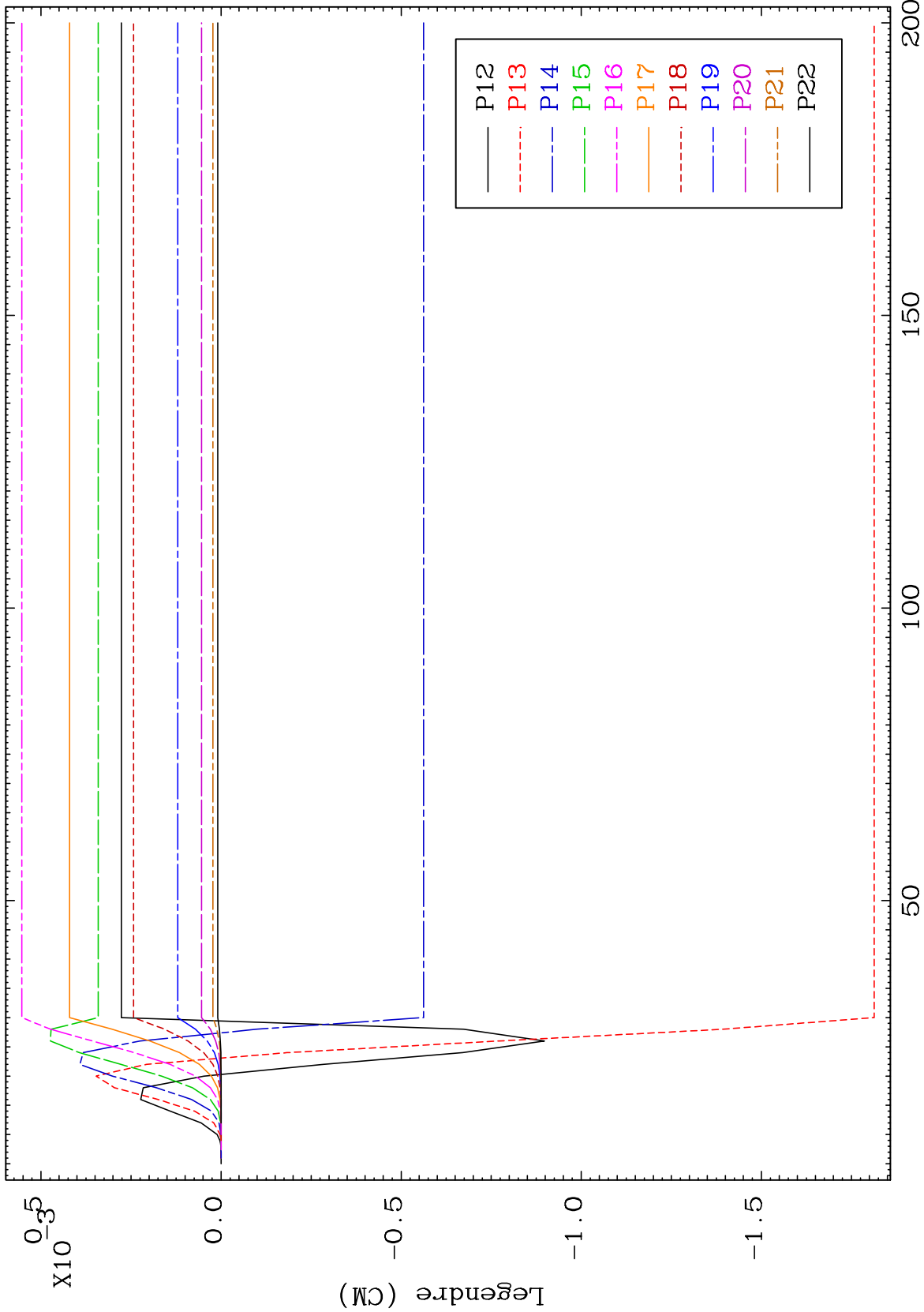
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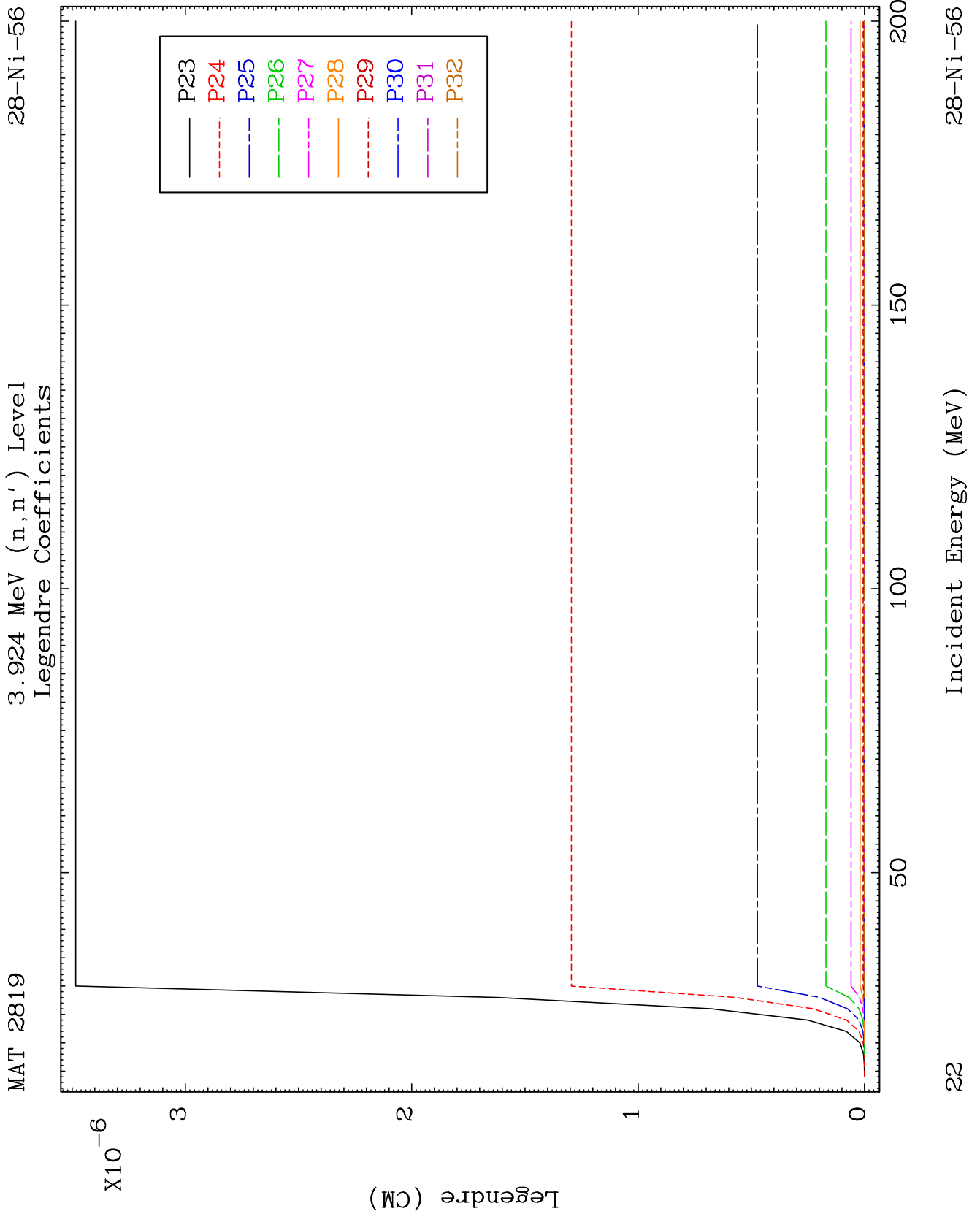


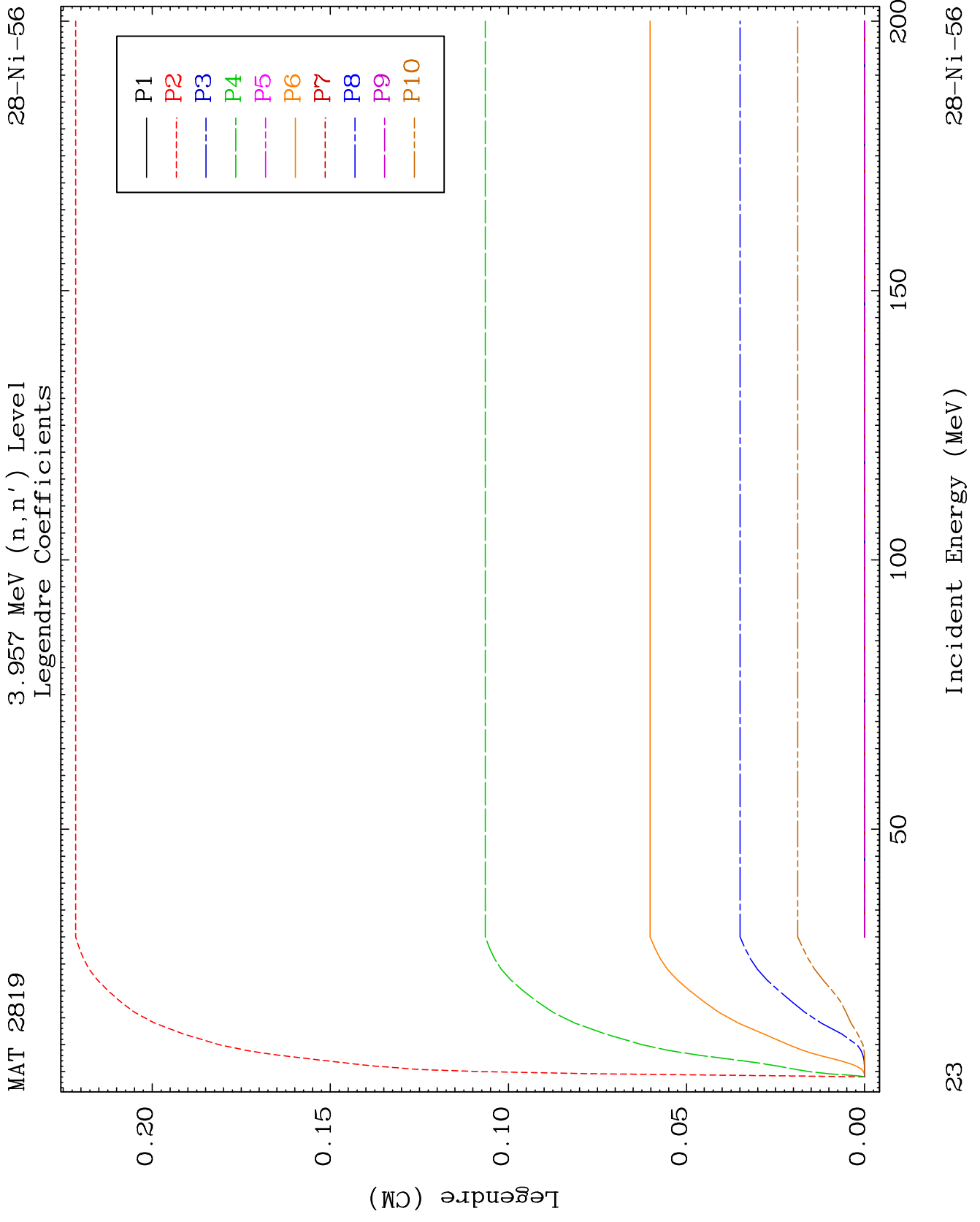
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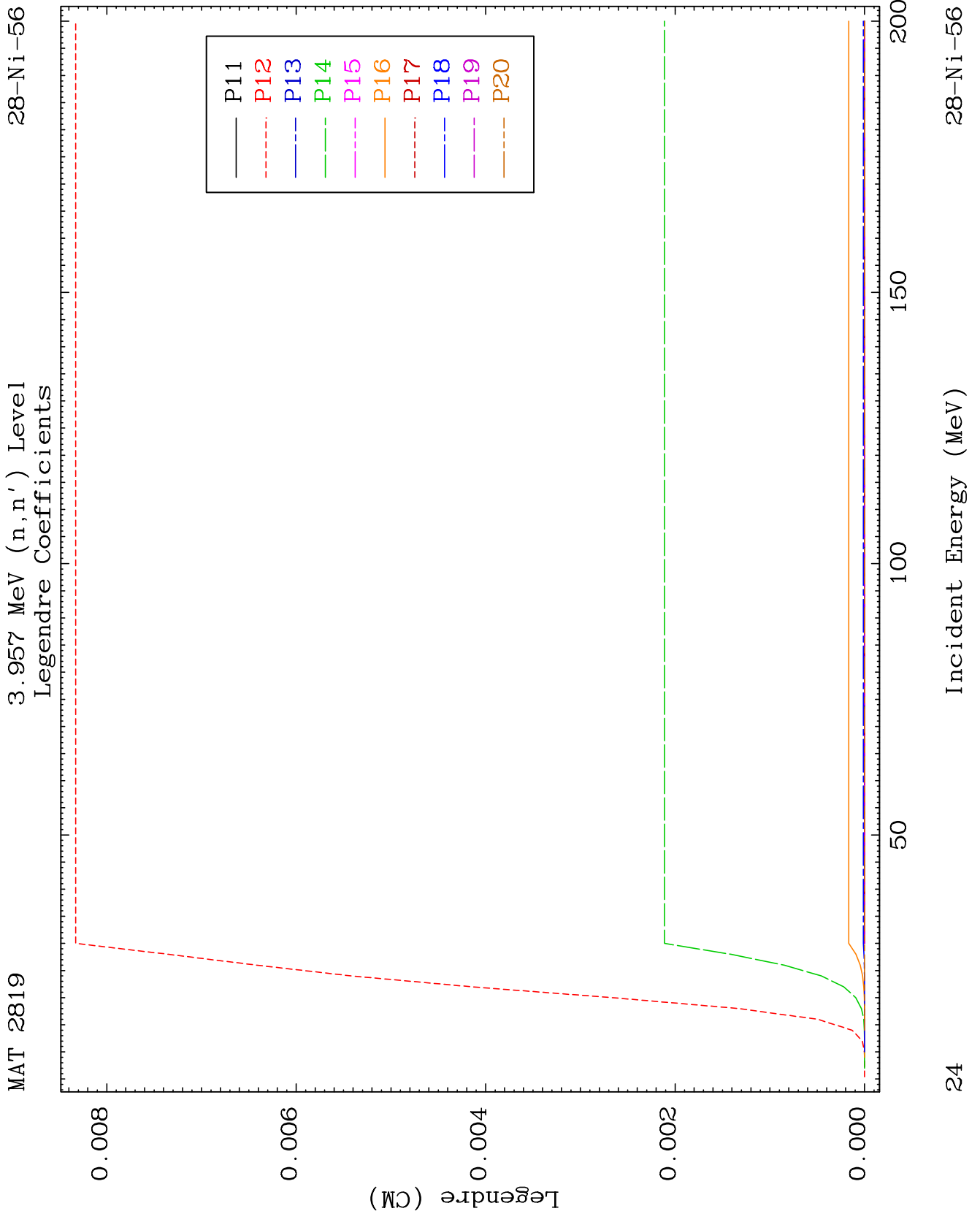
Incident Energy (MeV)

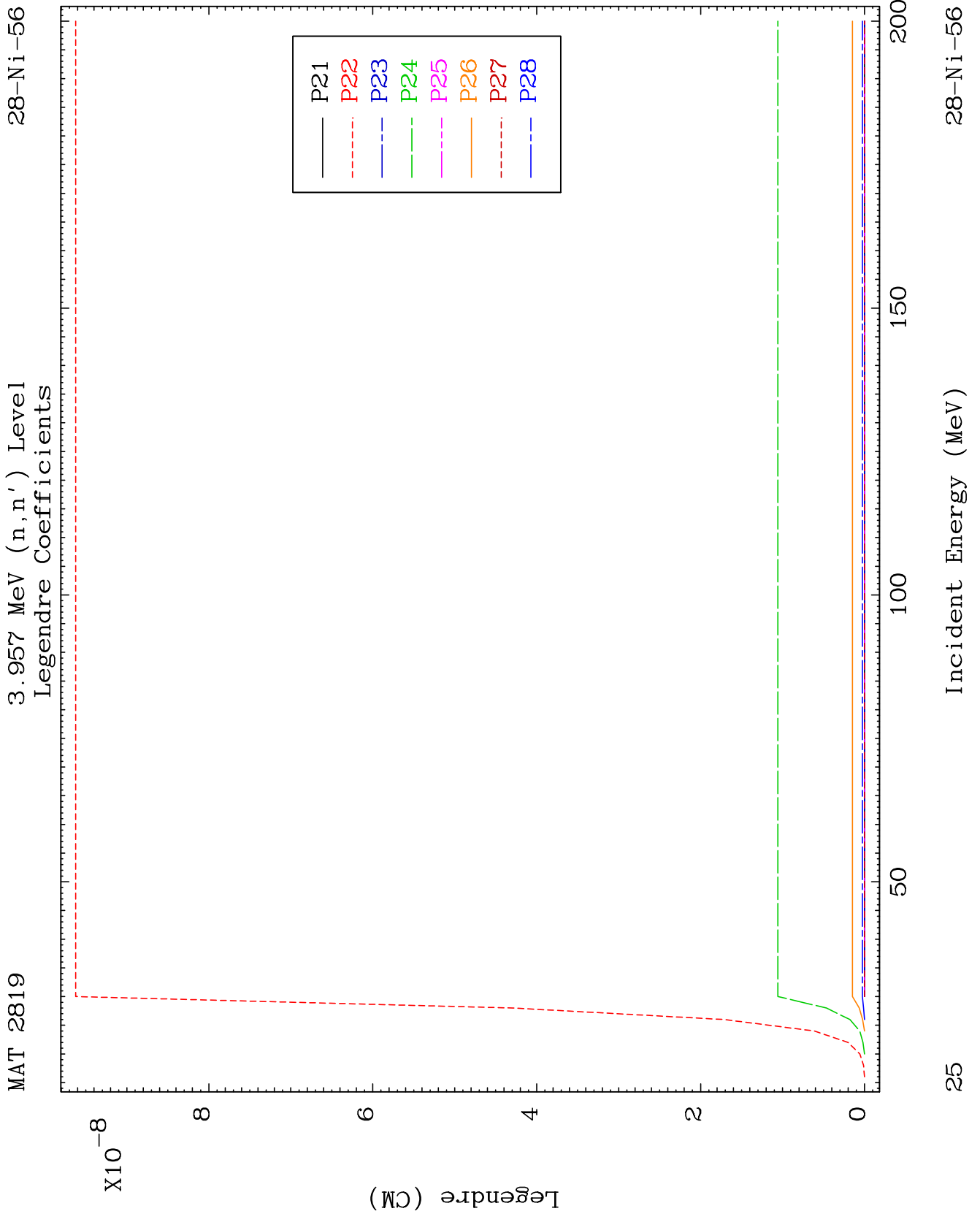
28-Ni-56

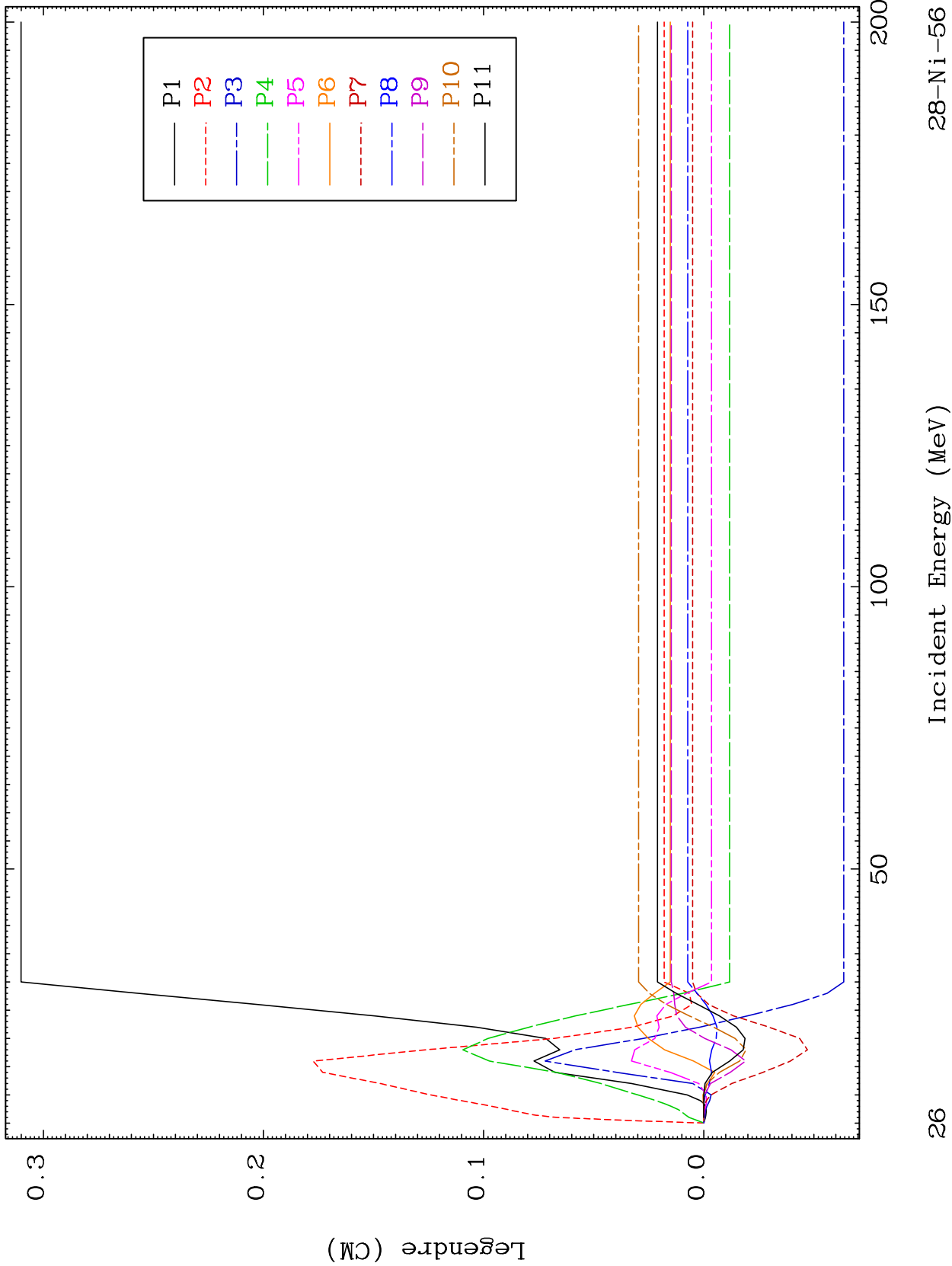


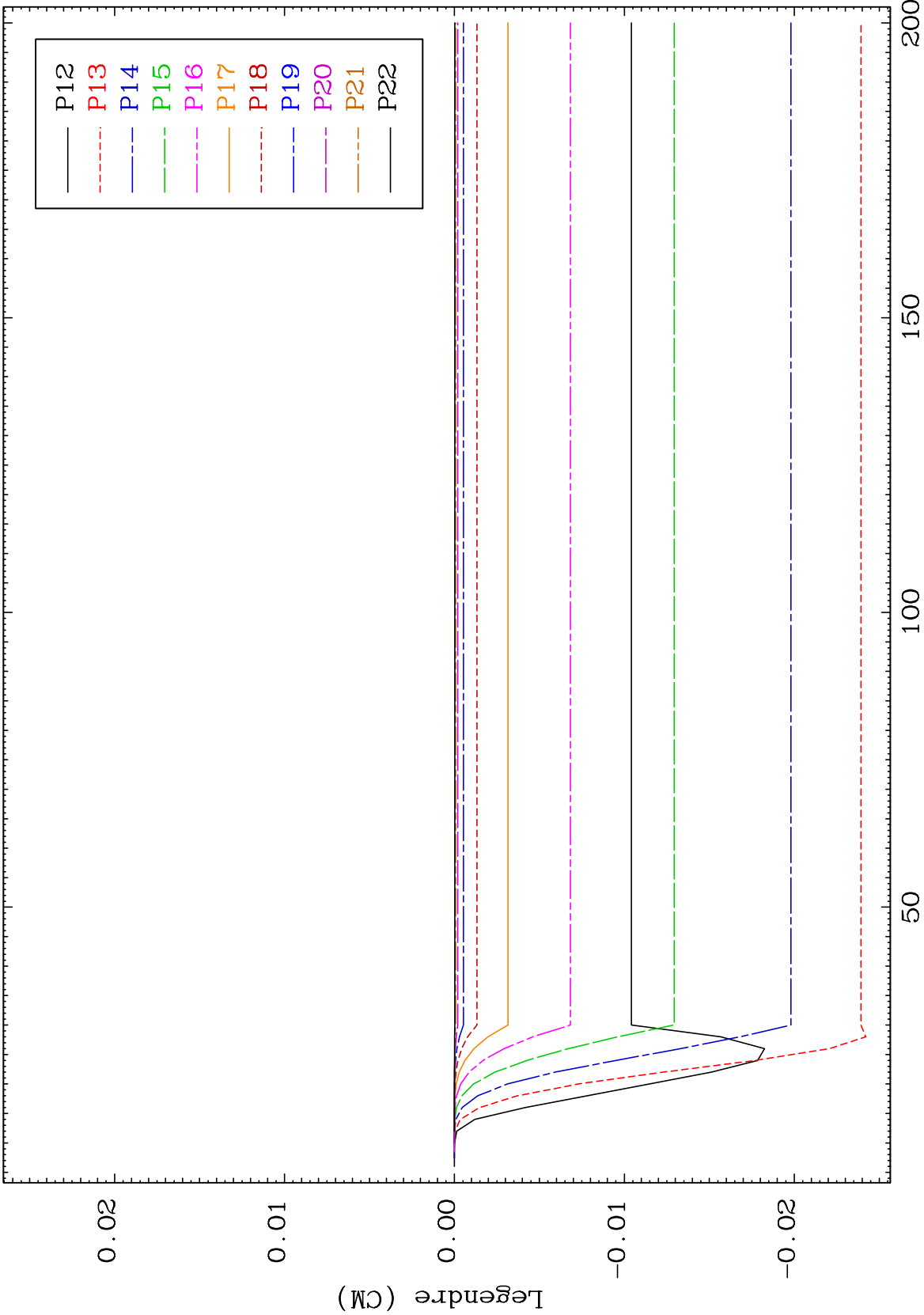


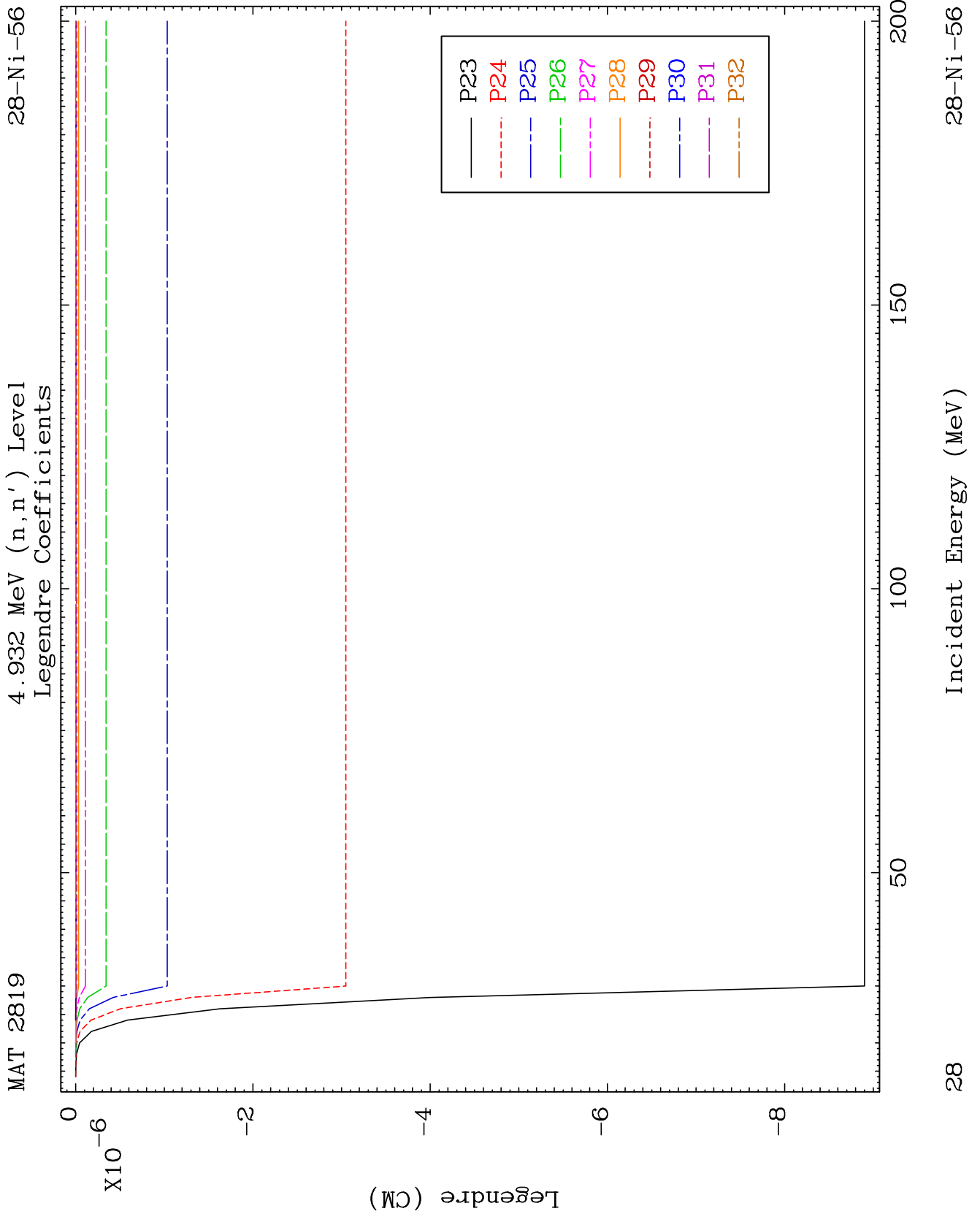


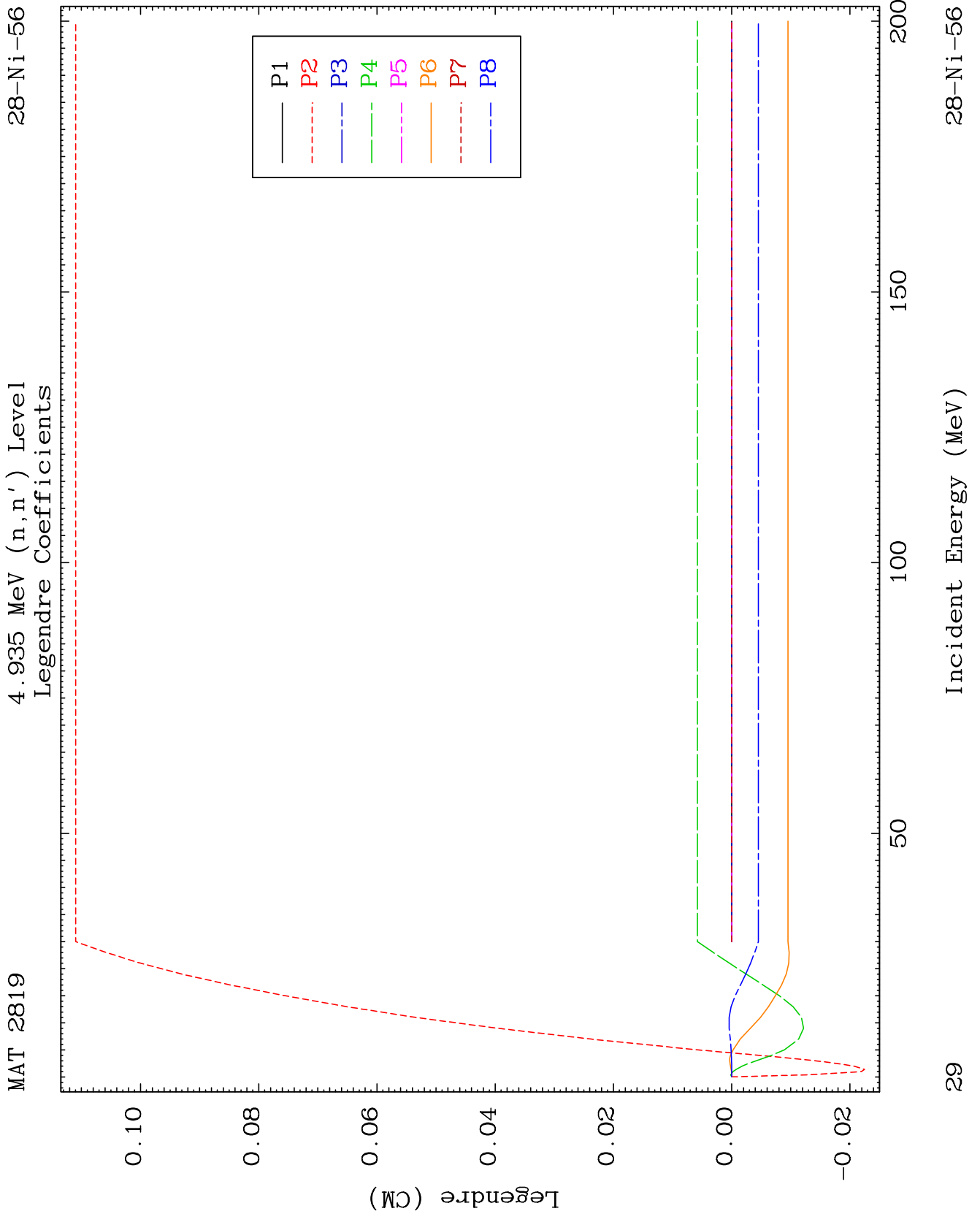


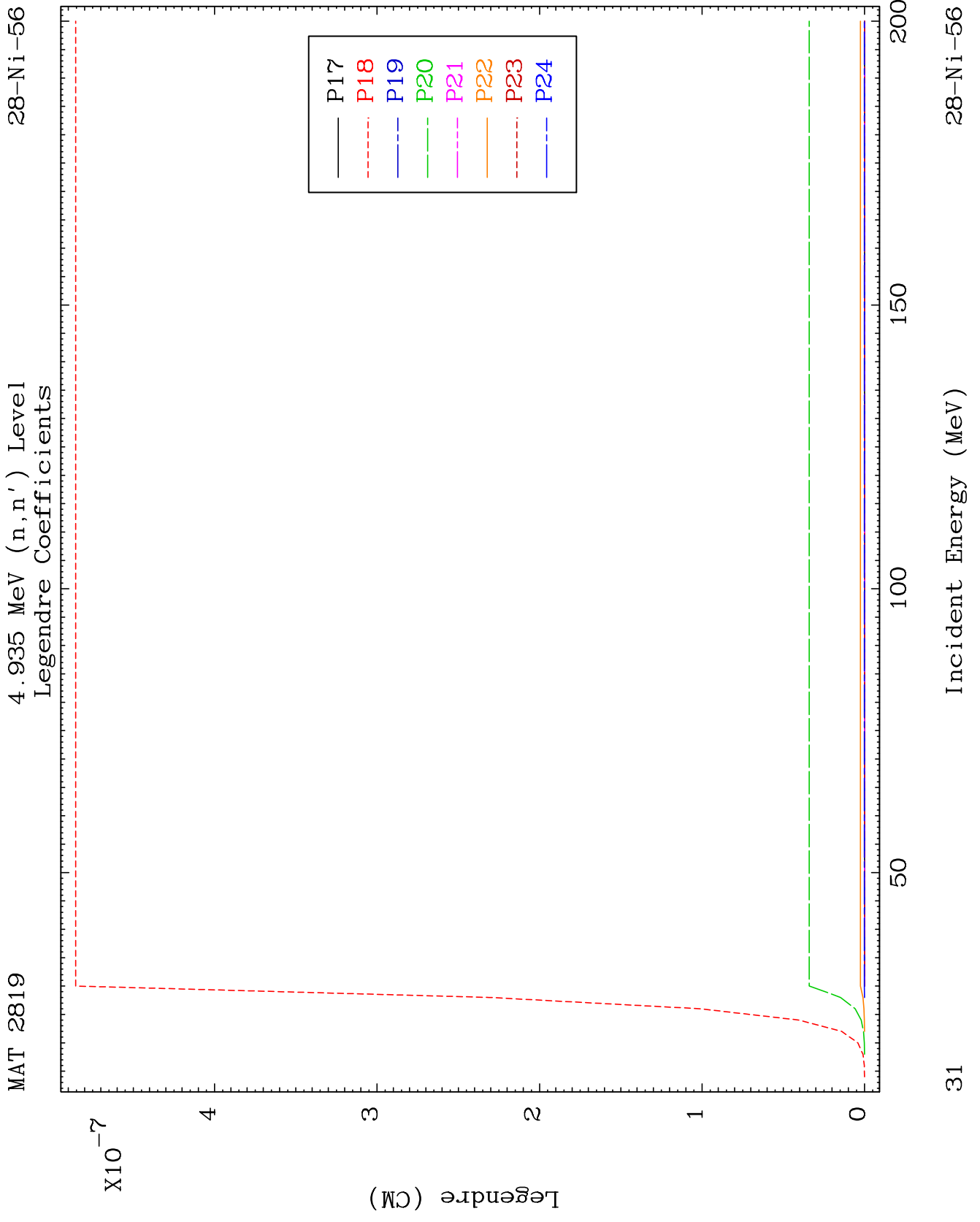


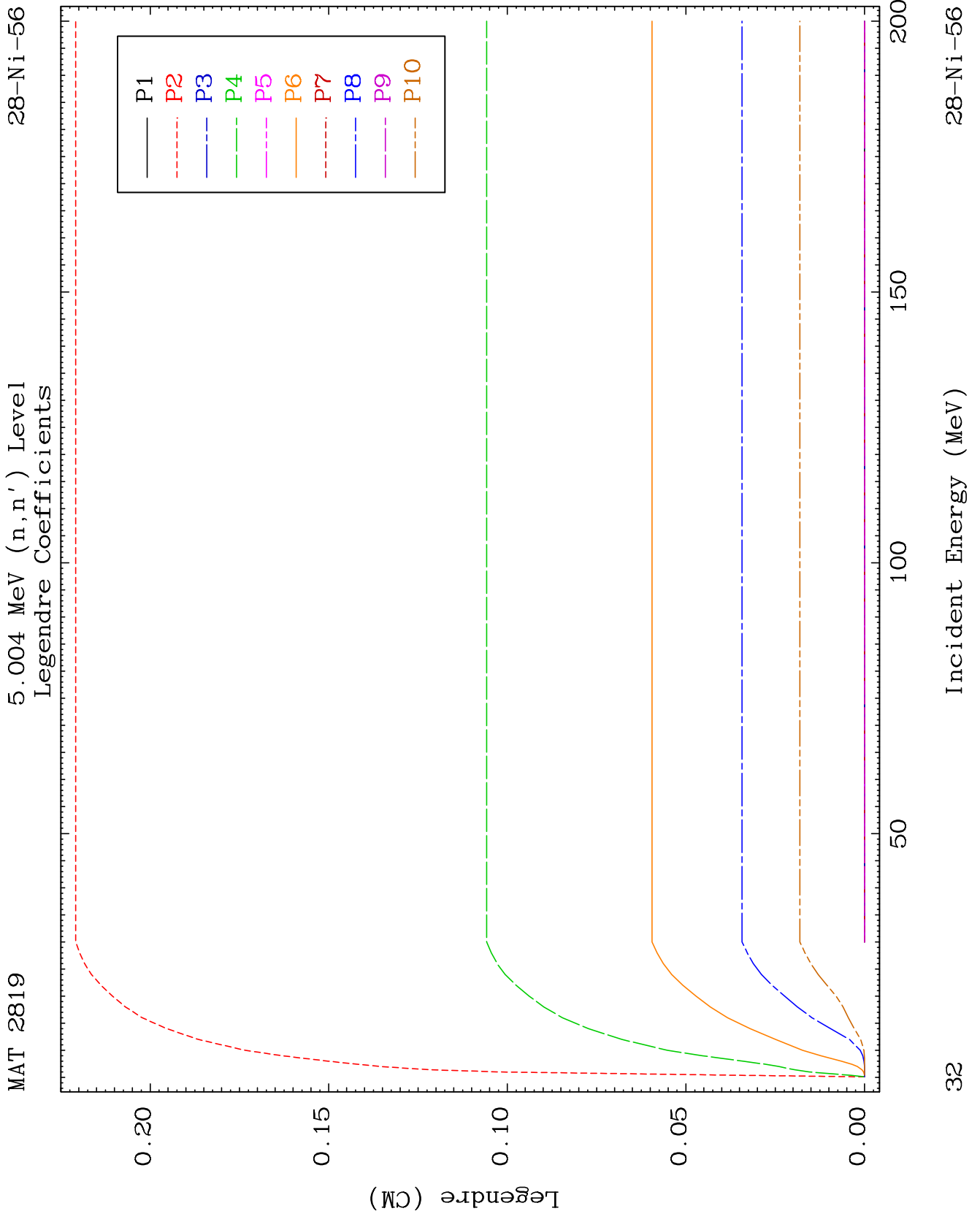


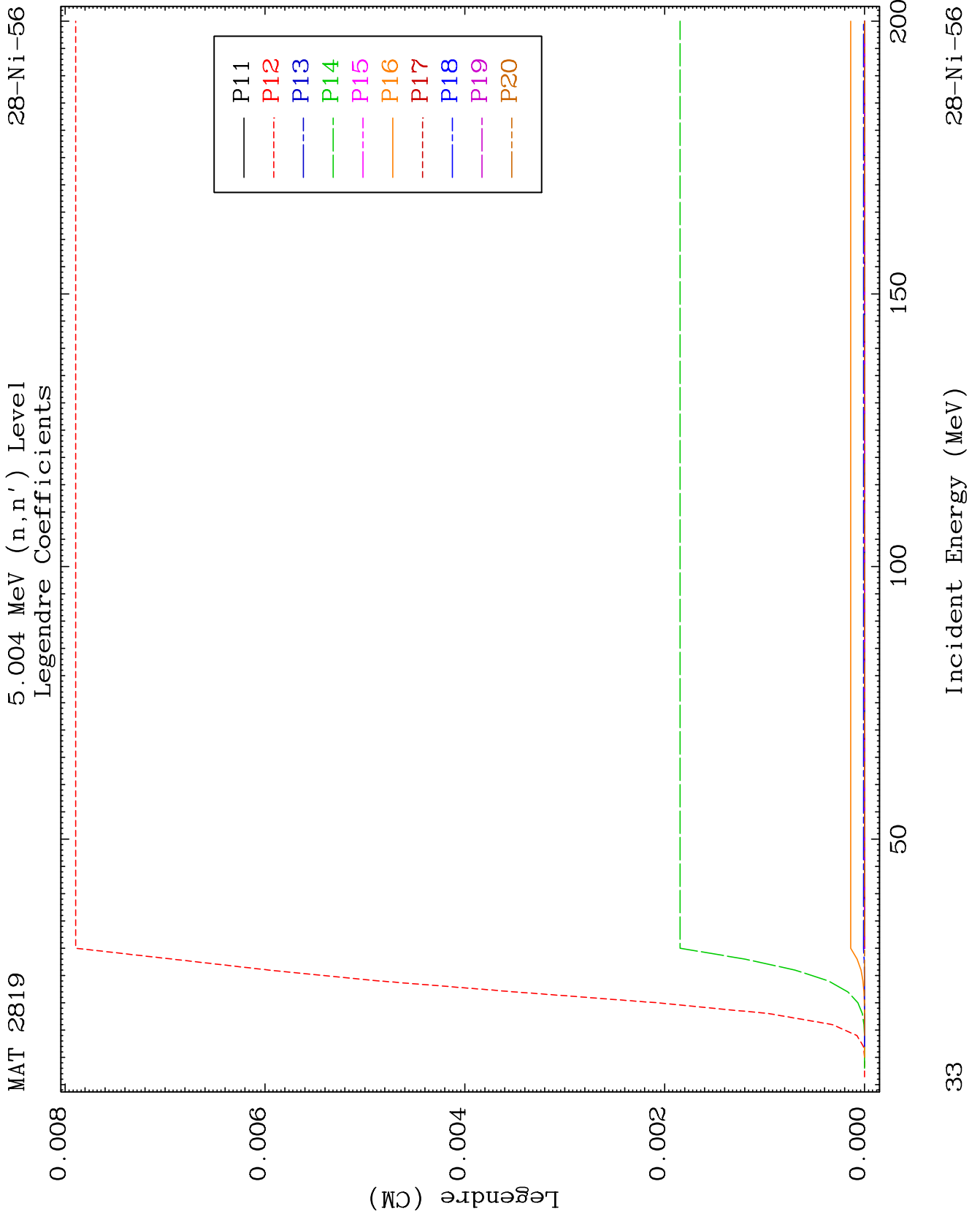


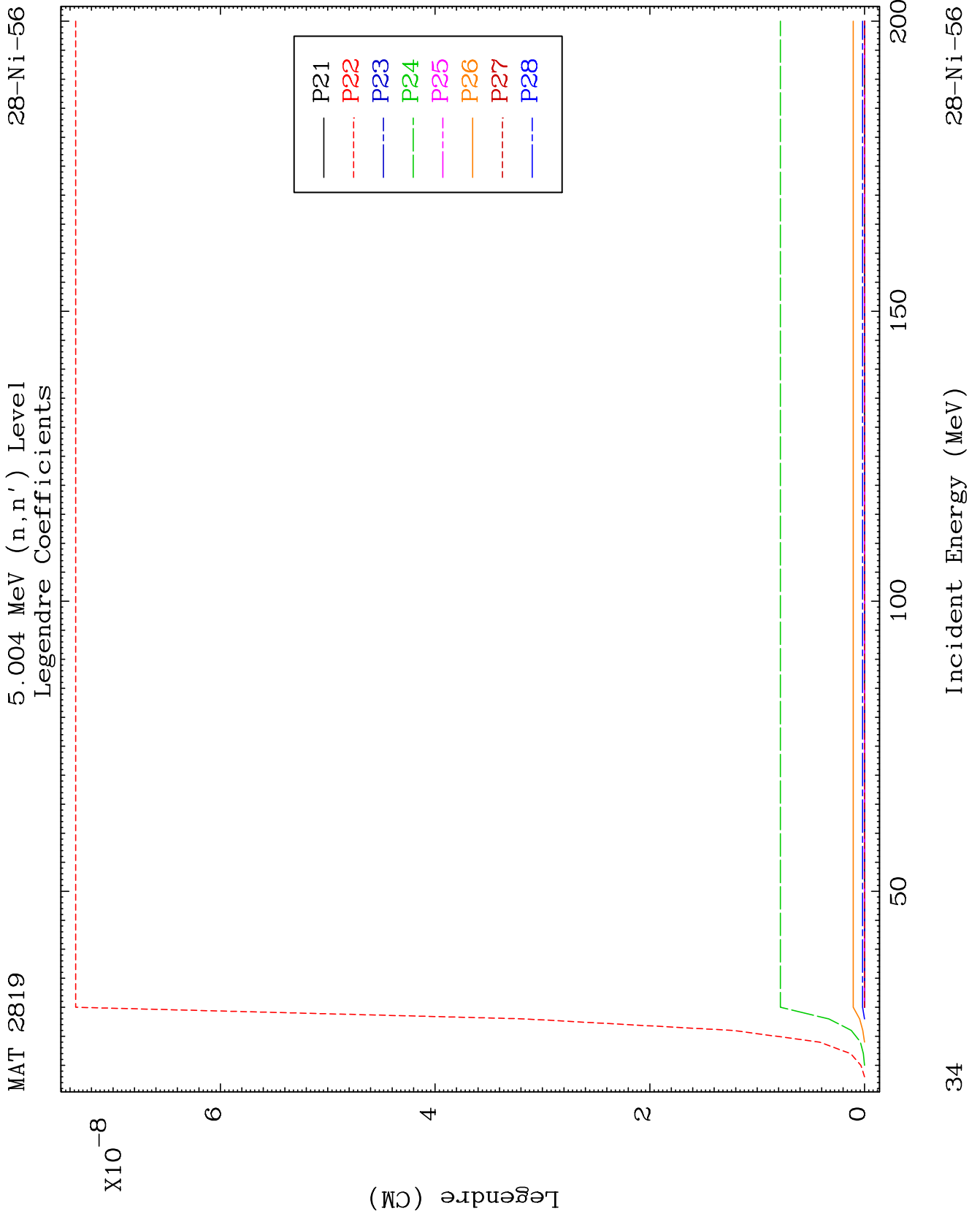


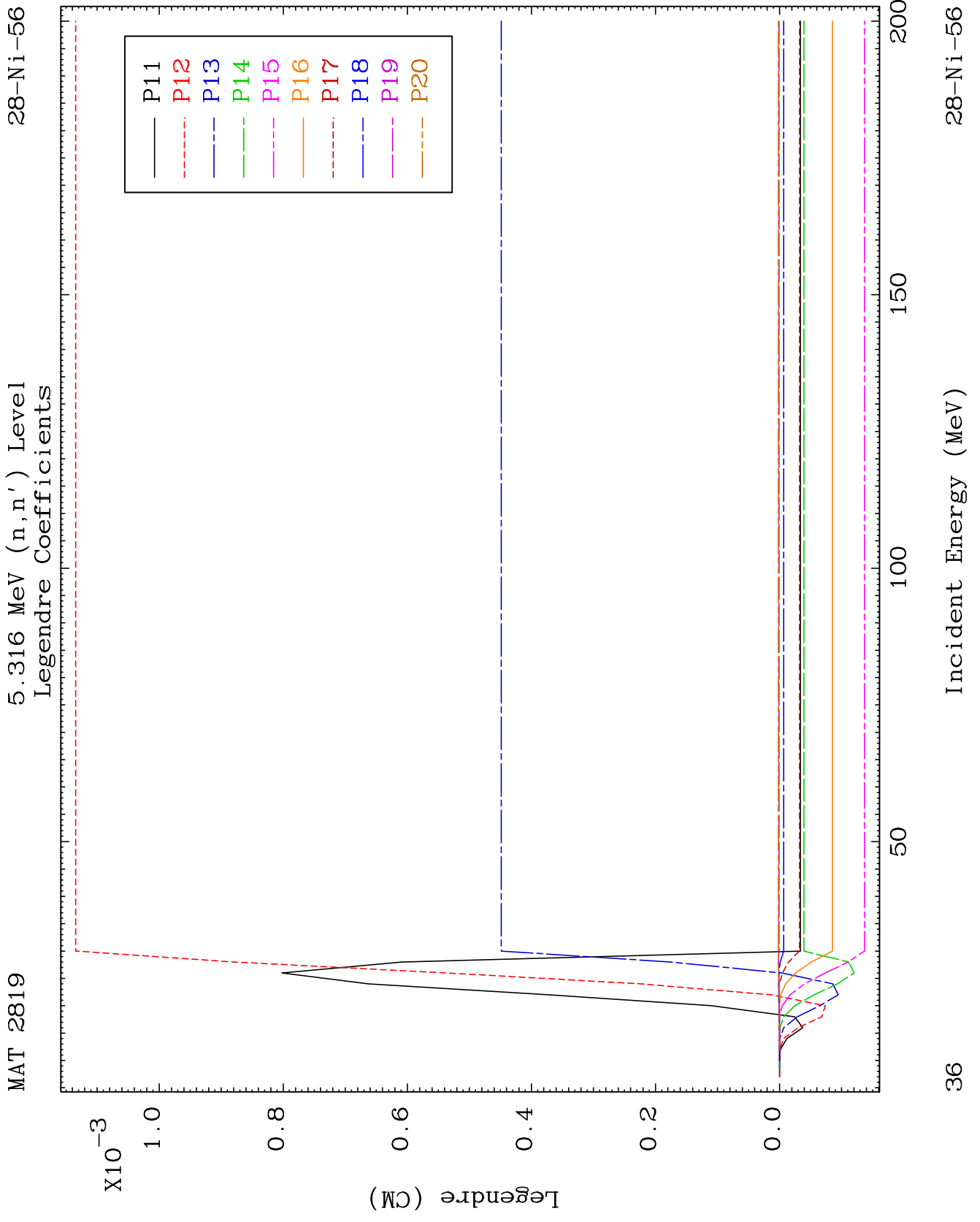




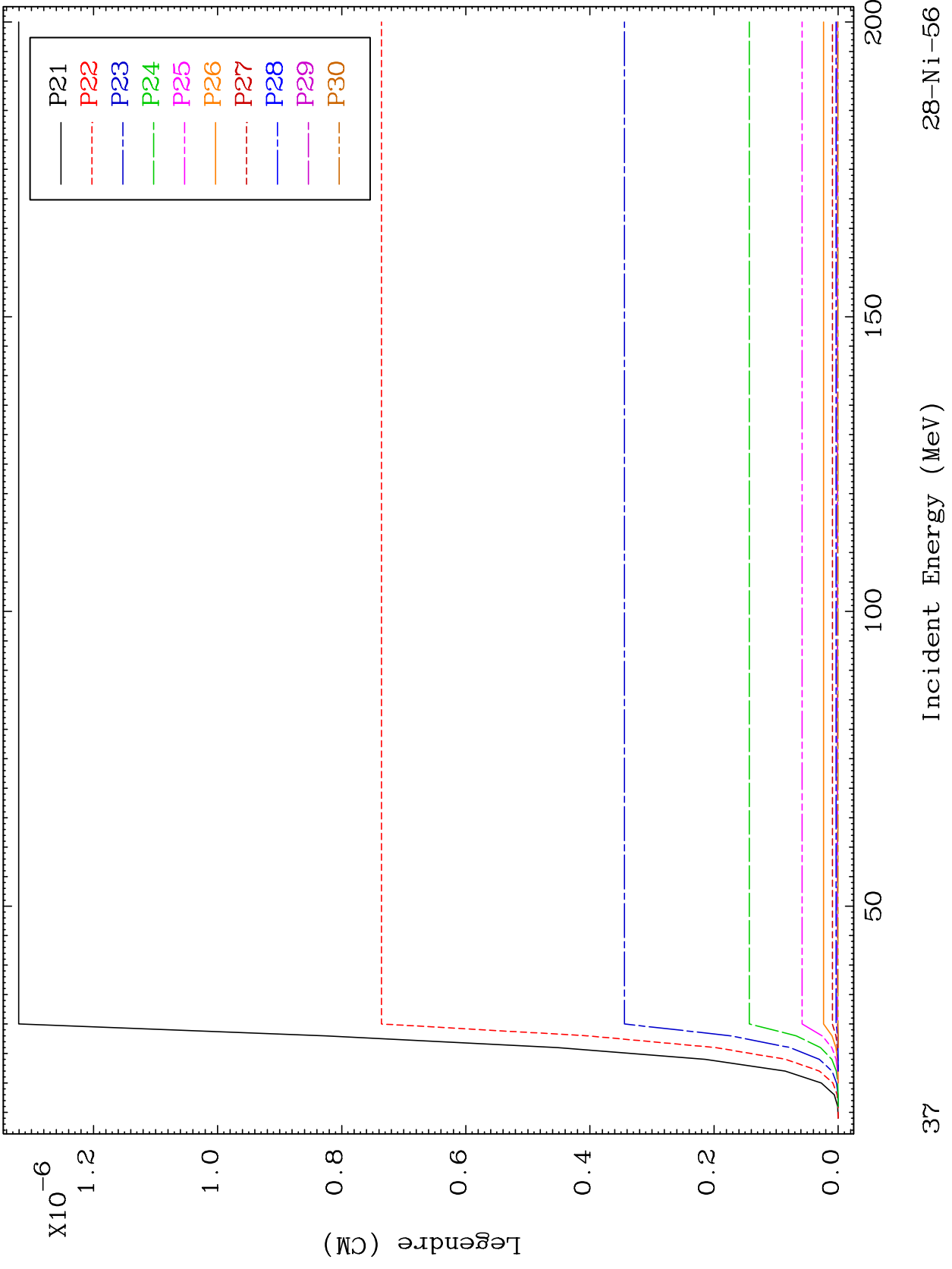


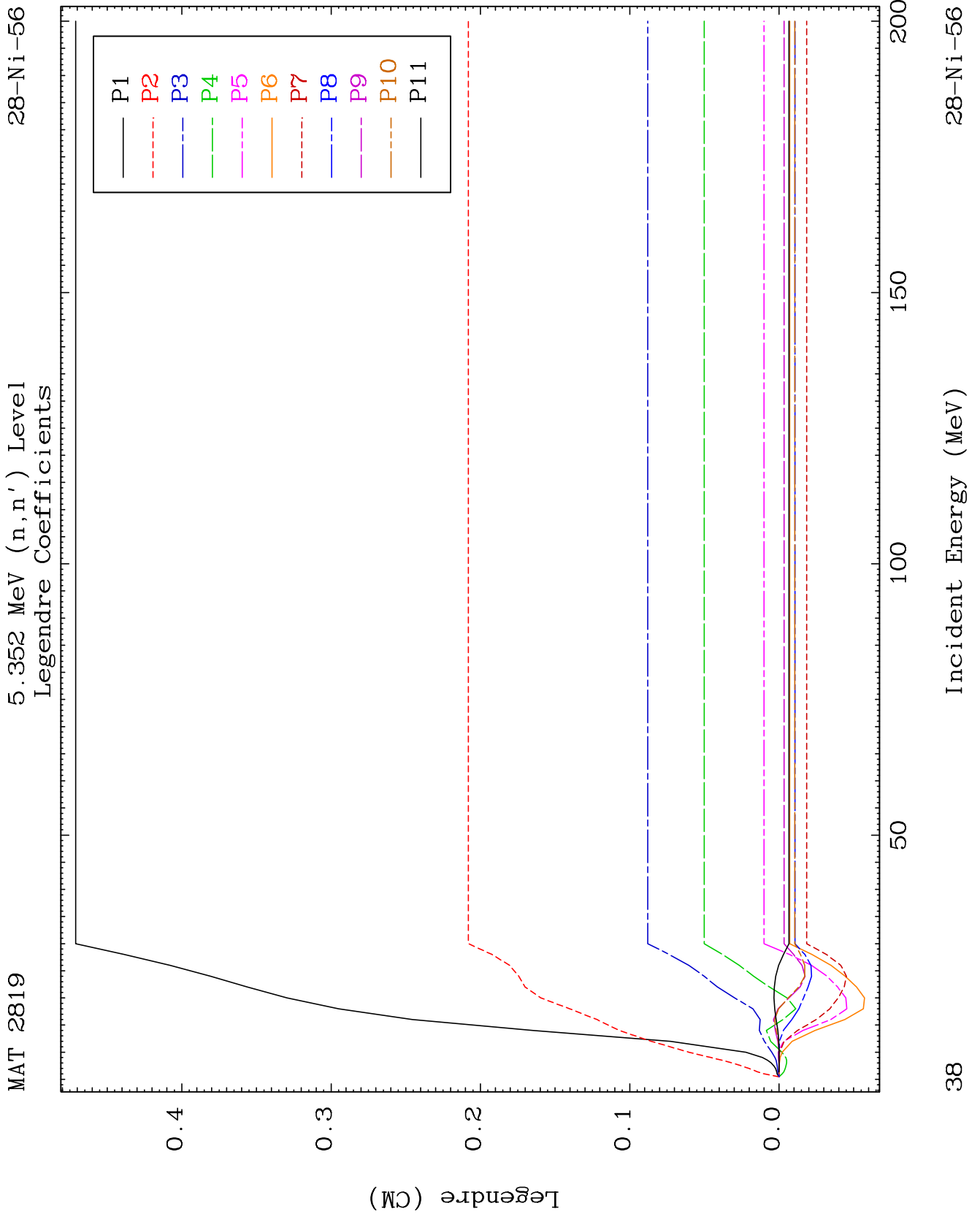


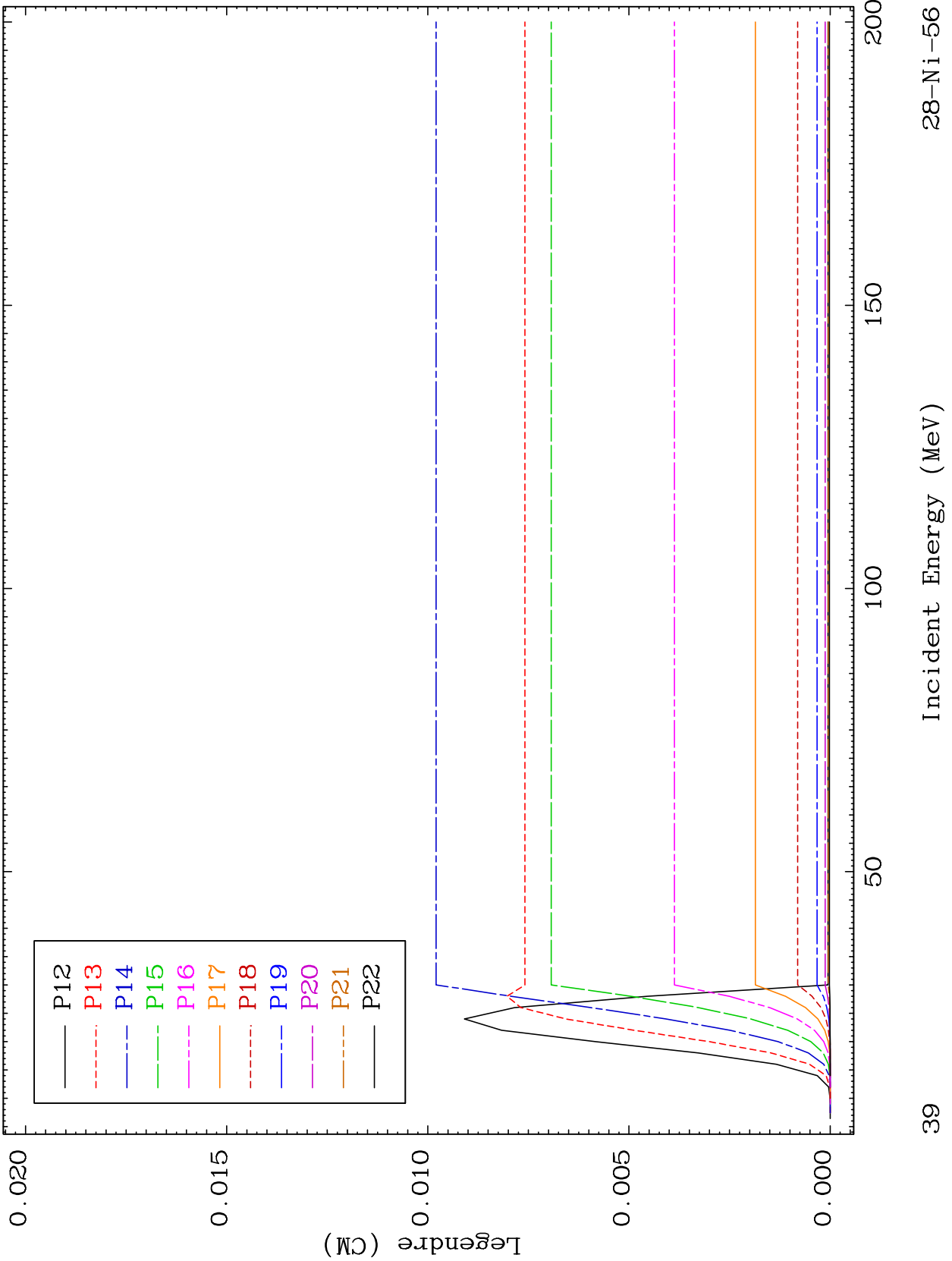


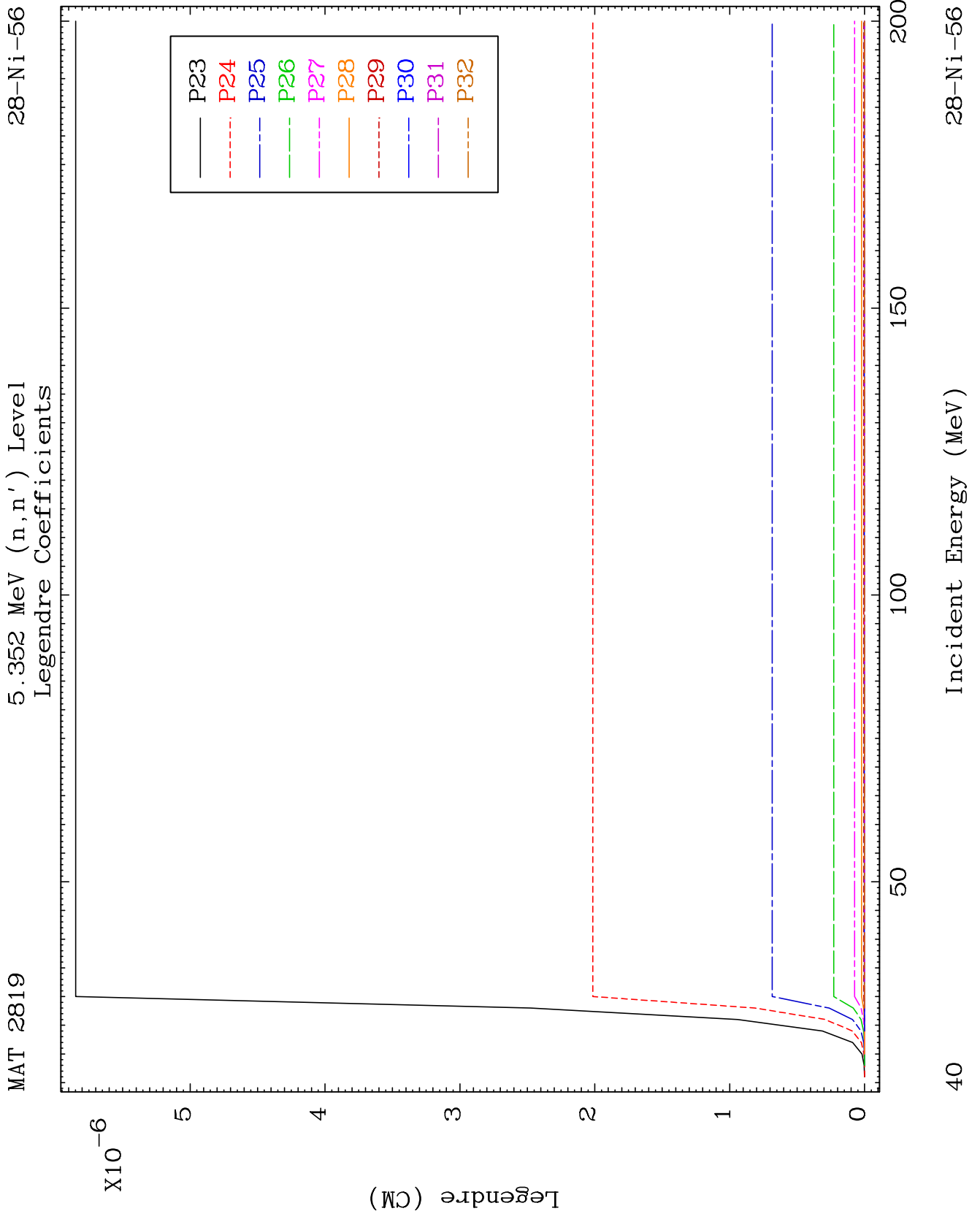


MAT 2819 5.316 MeV (n,n') Level Legendre Coefficients 28-Ni-56





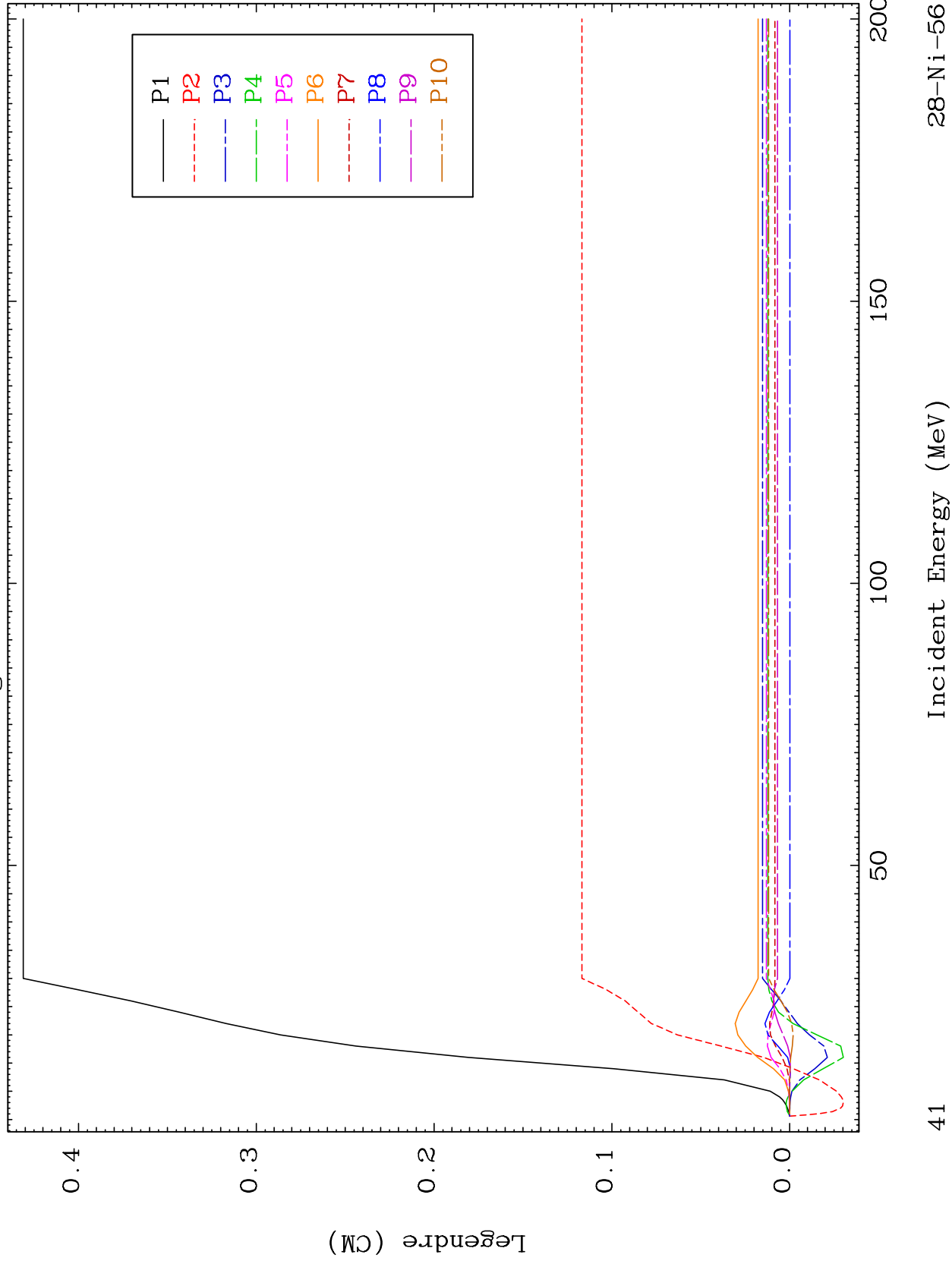




MAT 2819

5.484 MeV (n,n') Level
Legendre Coefficients

28-Ni-56



41

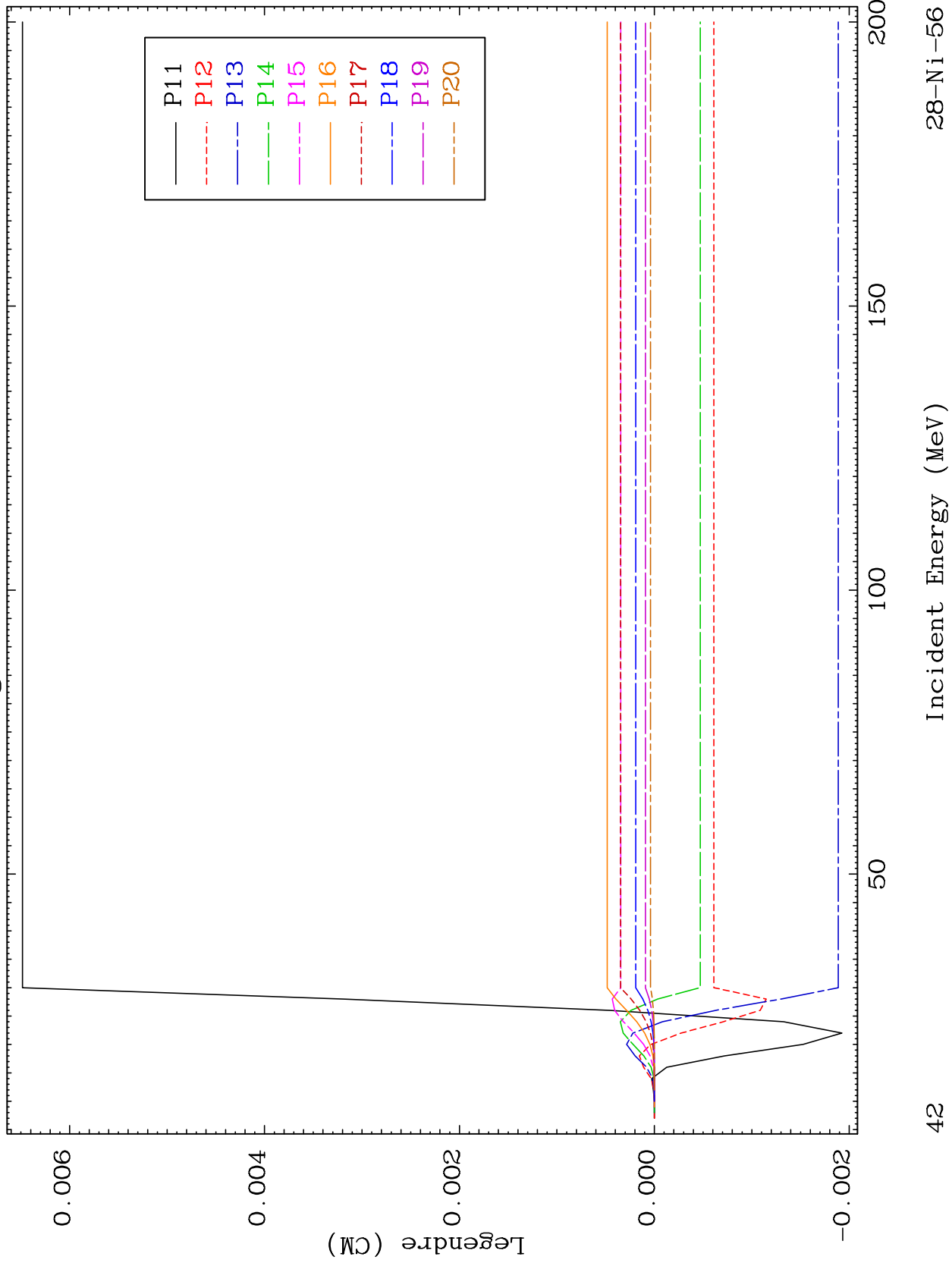
Incident Energy (MeV)

28-Ni-56

MAT 2819

5.484 MeV (n,n') Level
Legendre Coefficients

28-Ni-56



42

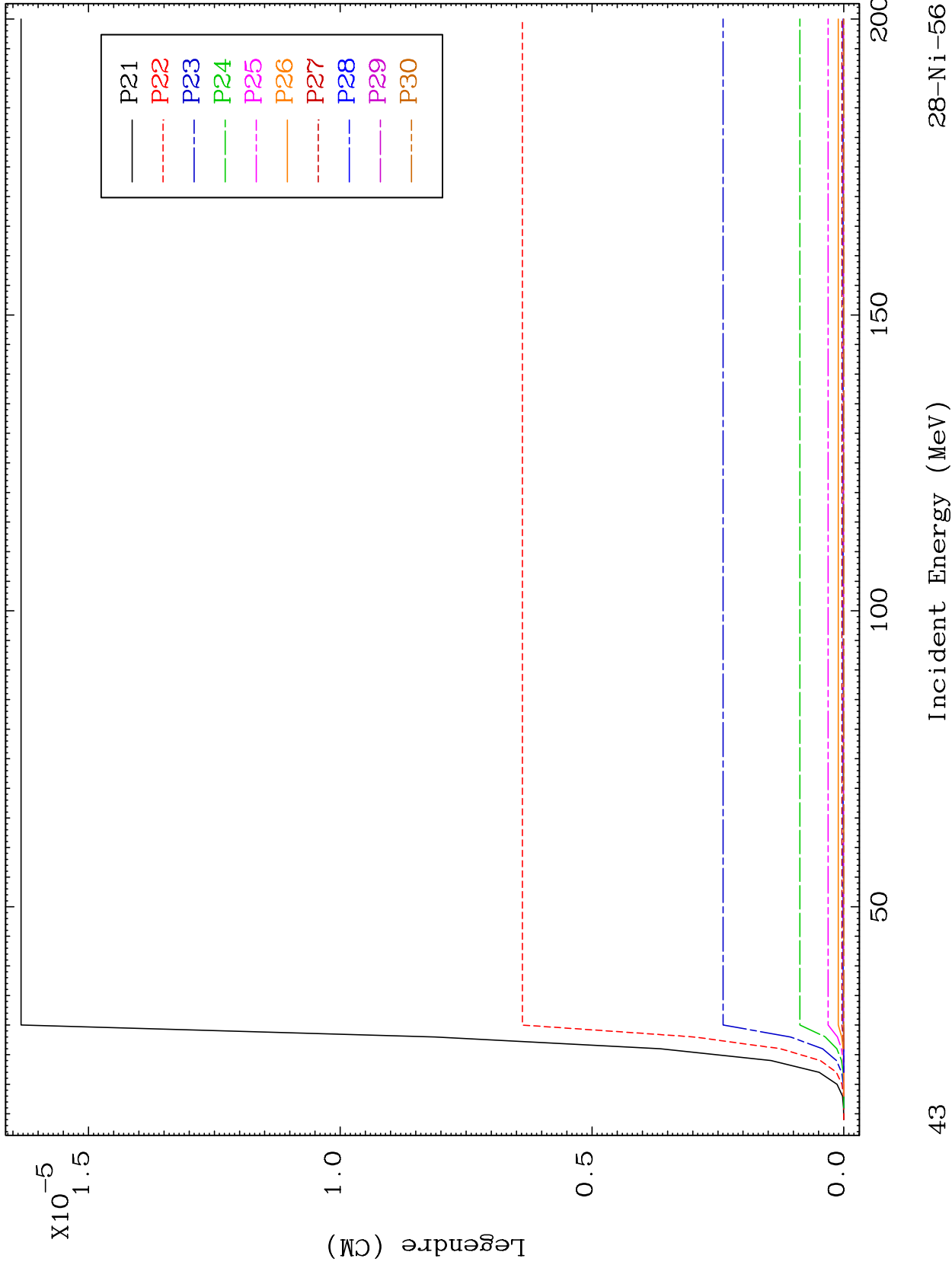
Incident Energy (MeV)

28-Ni-56

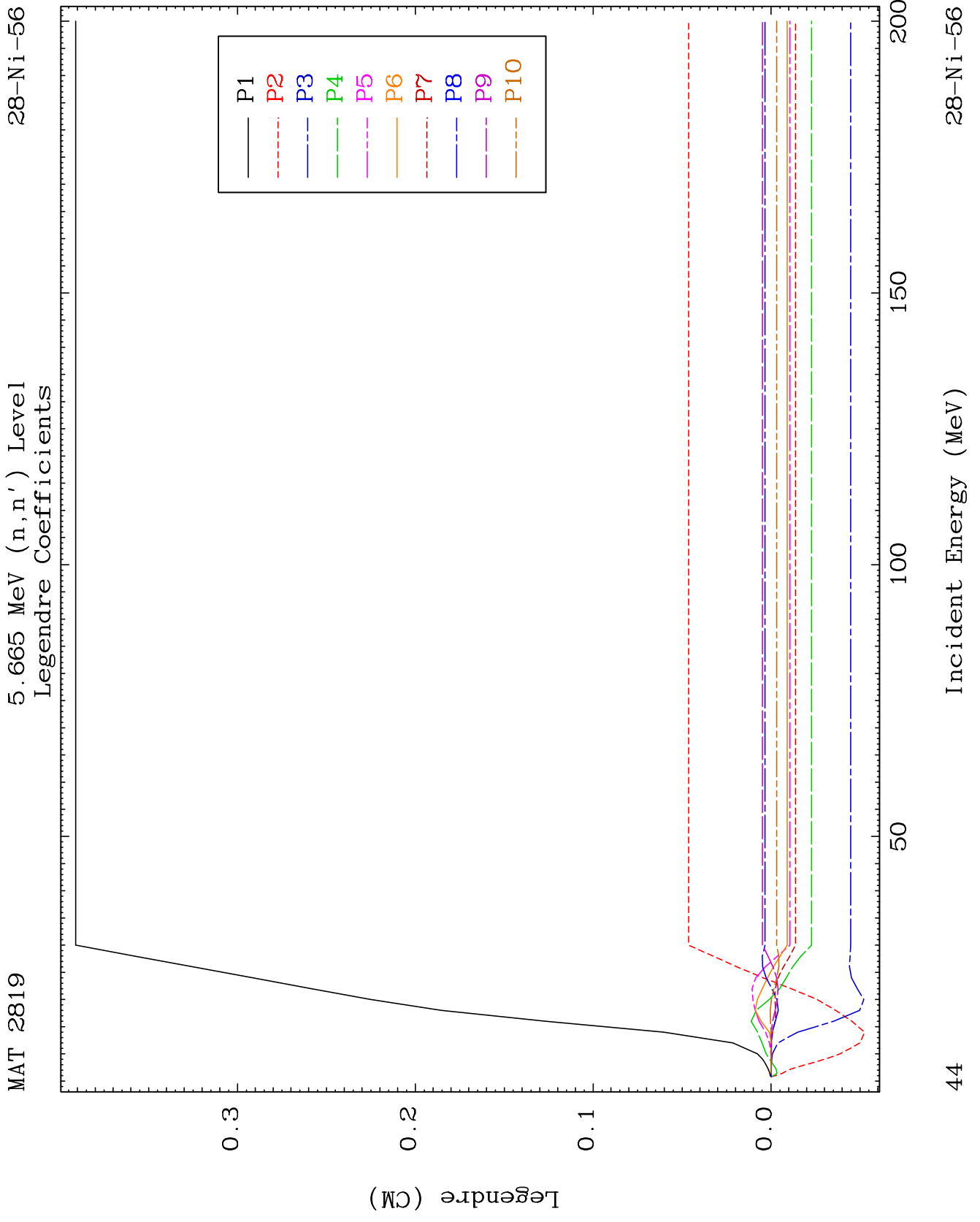
MAT 2819

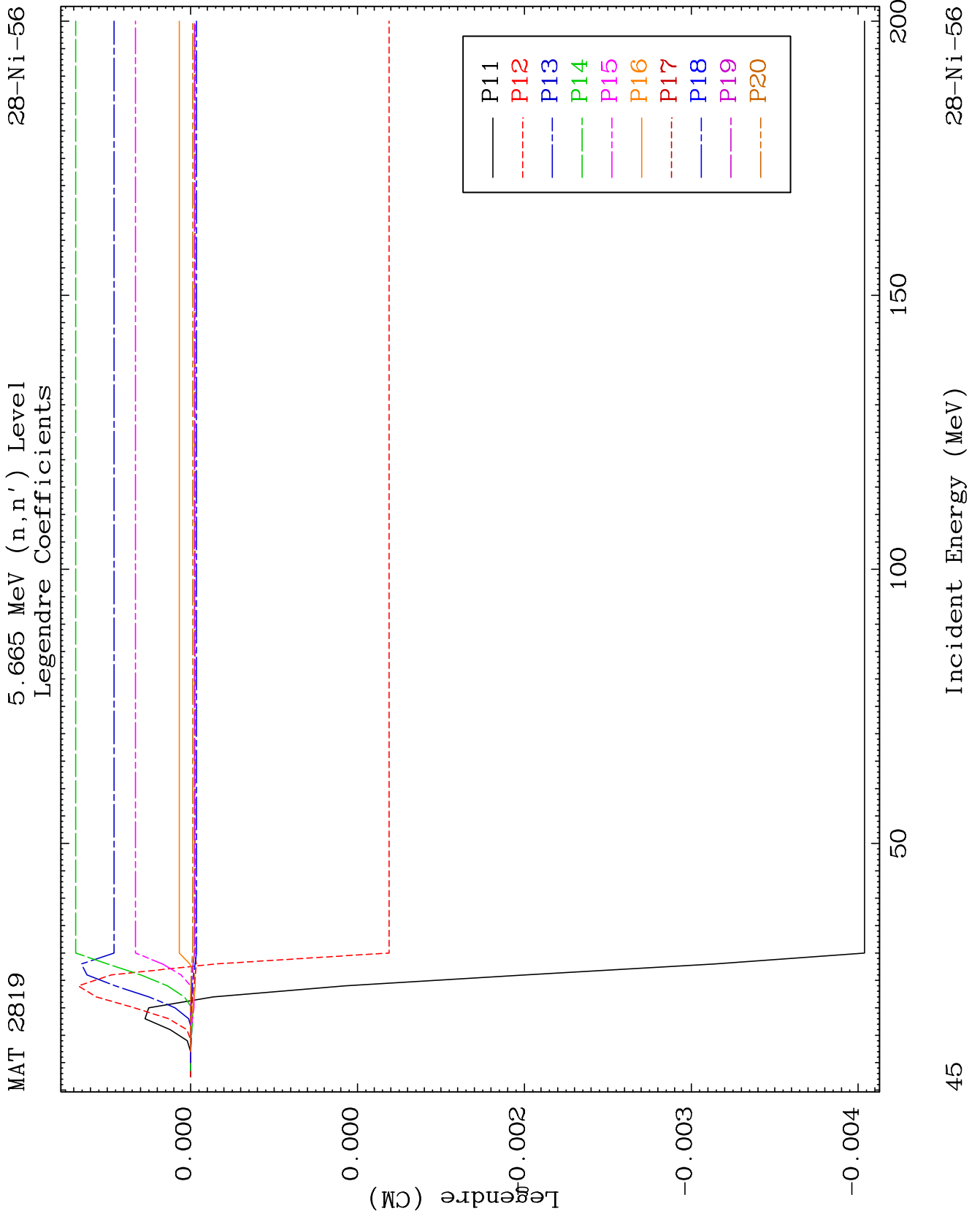
5.484 MeV (n,n') Level
Legendre Coefficients

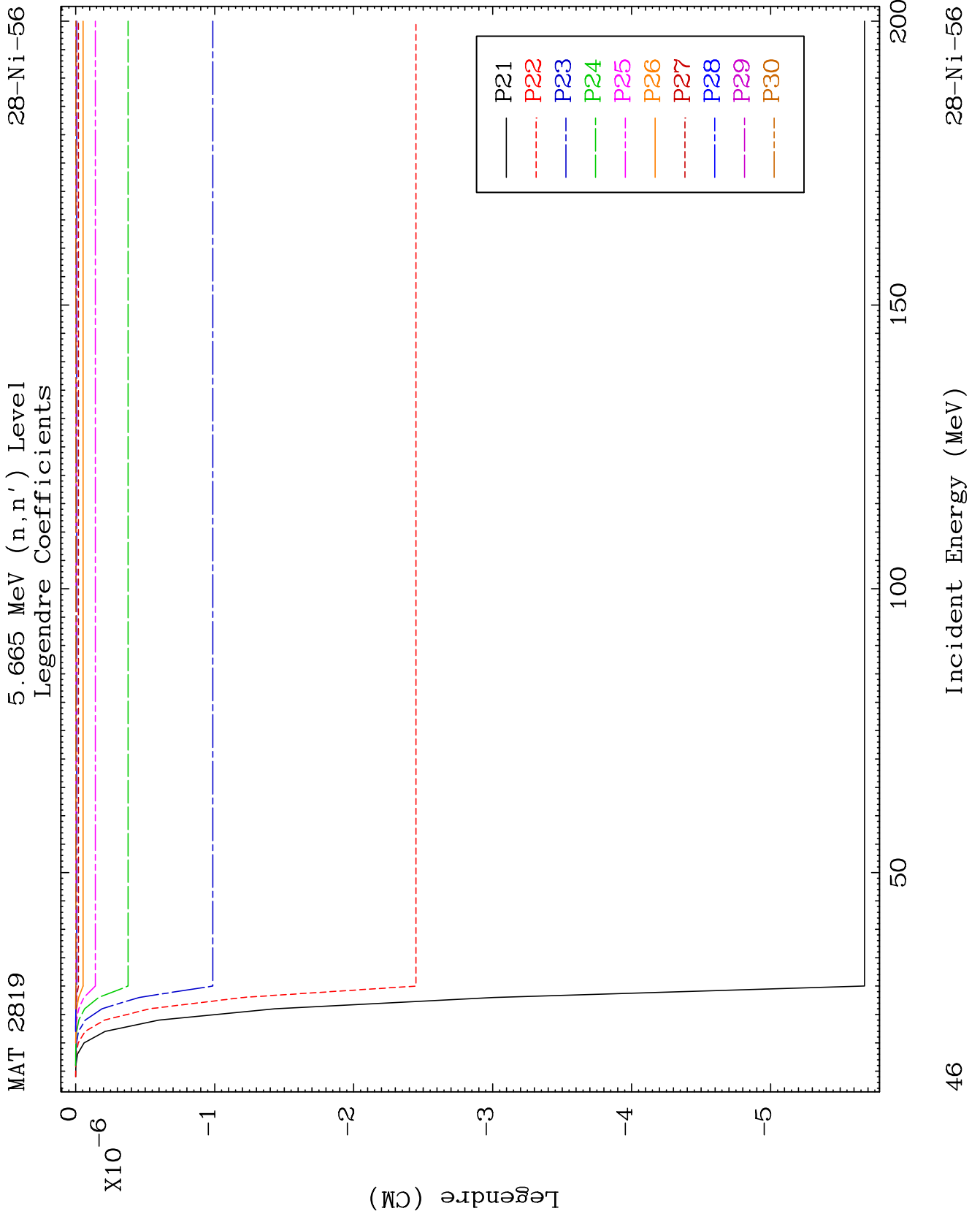
28-Ni-56



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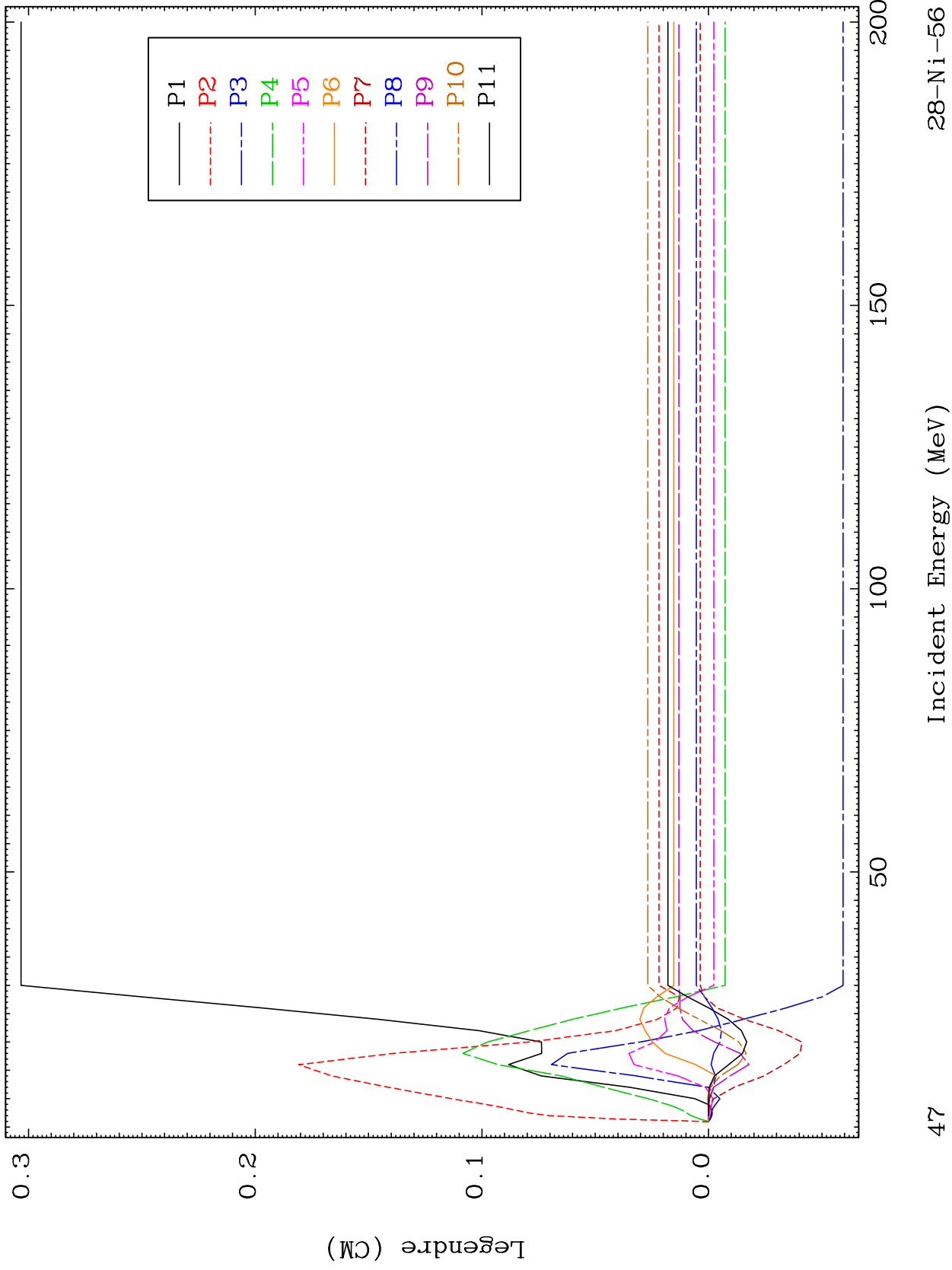


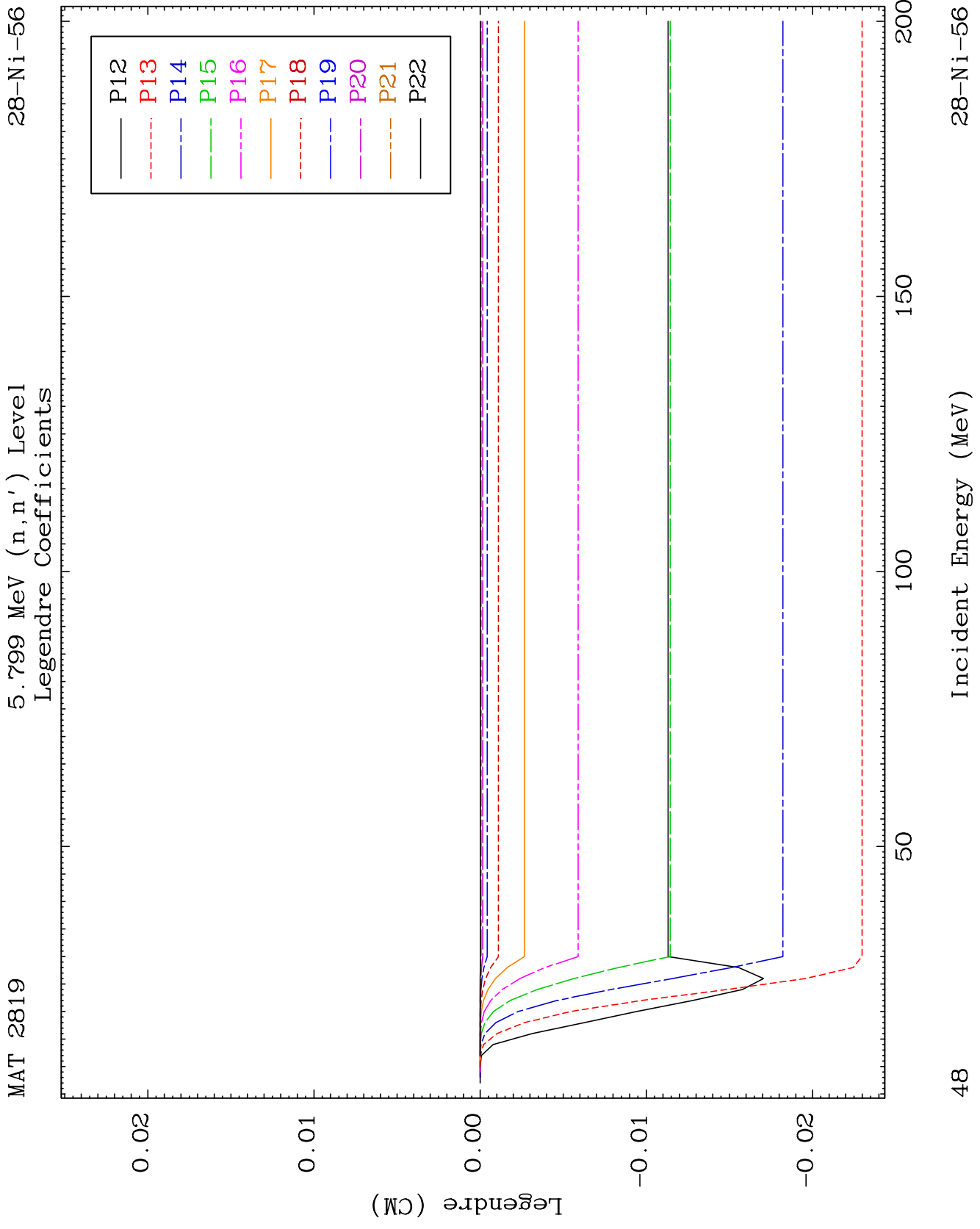


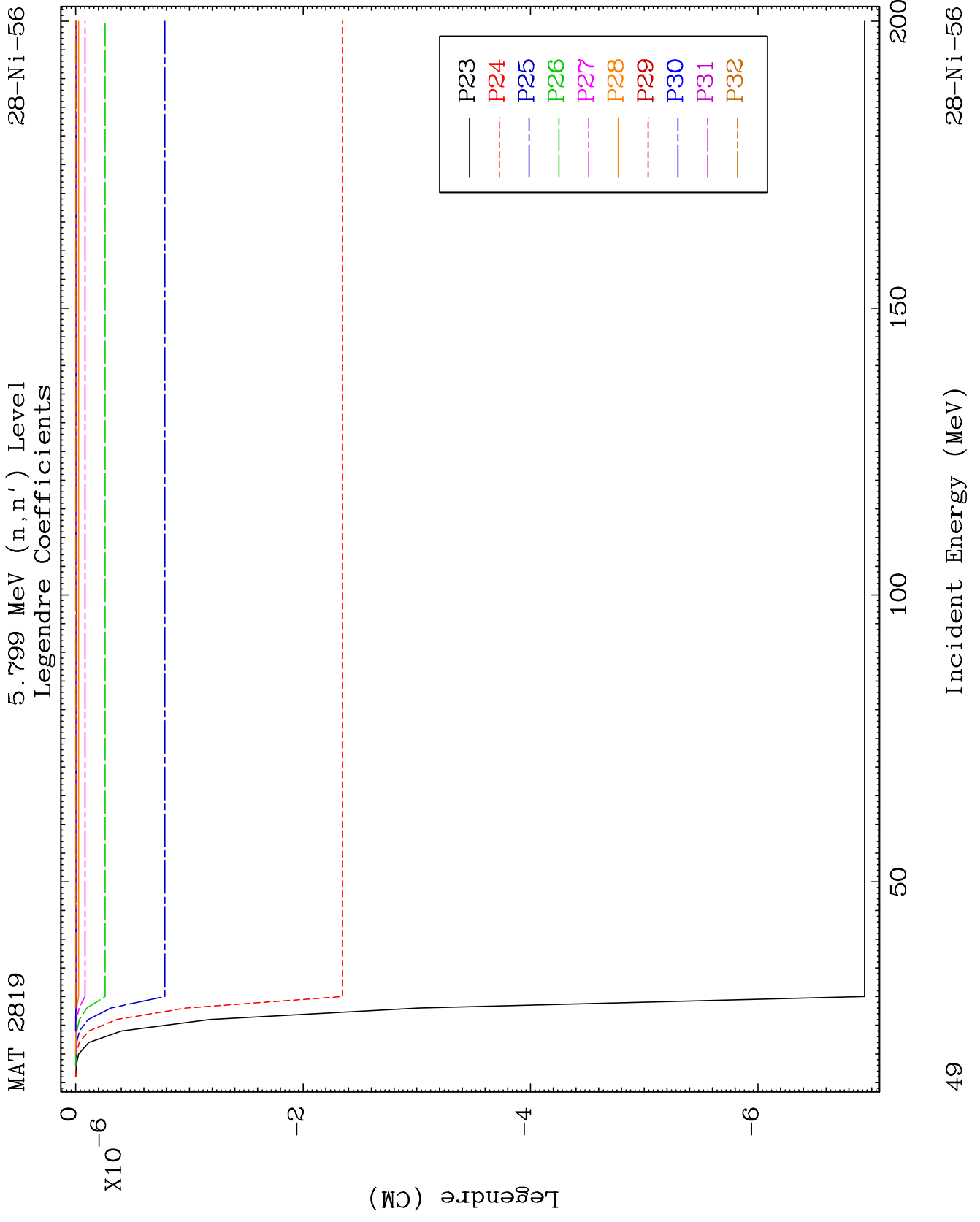
MAT 2819

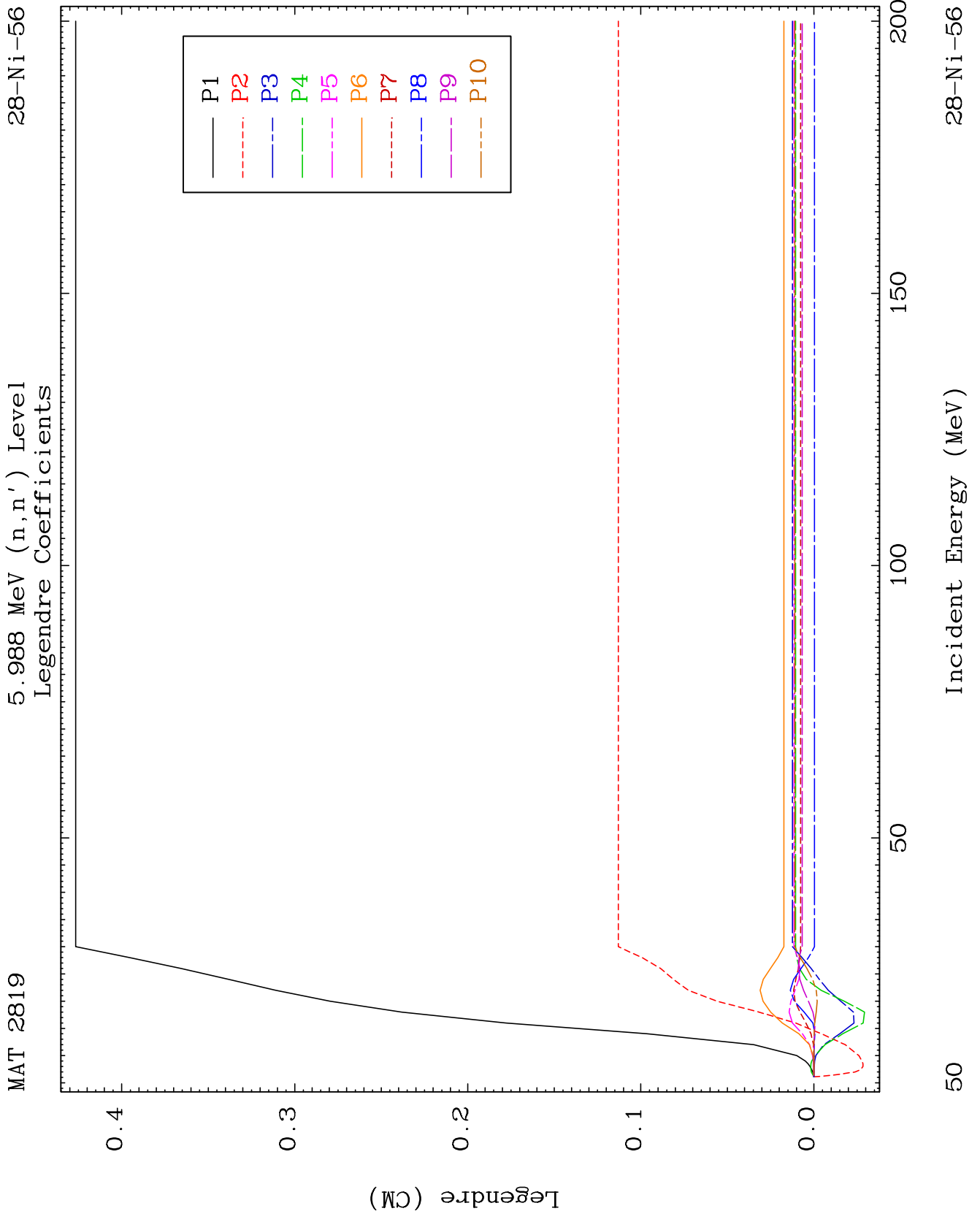
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Legendre Coefficients

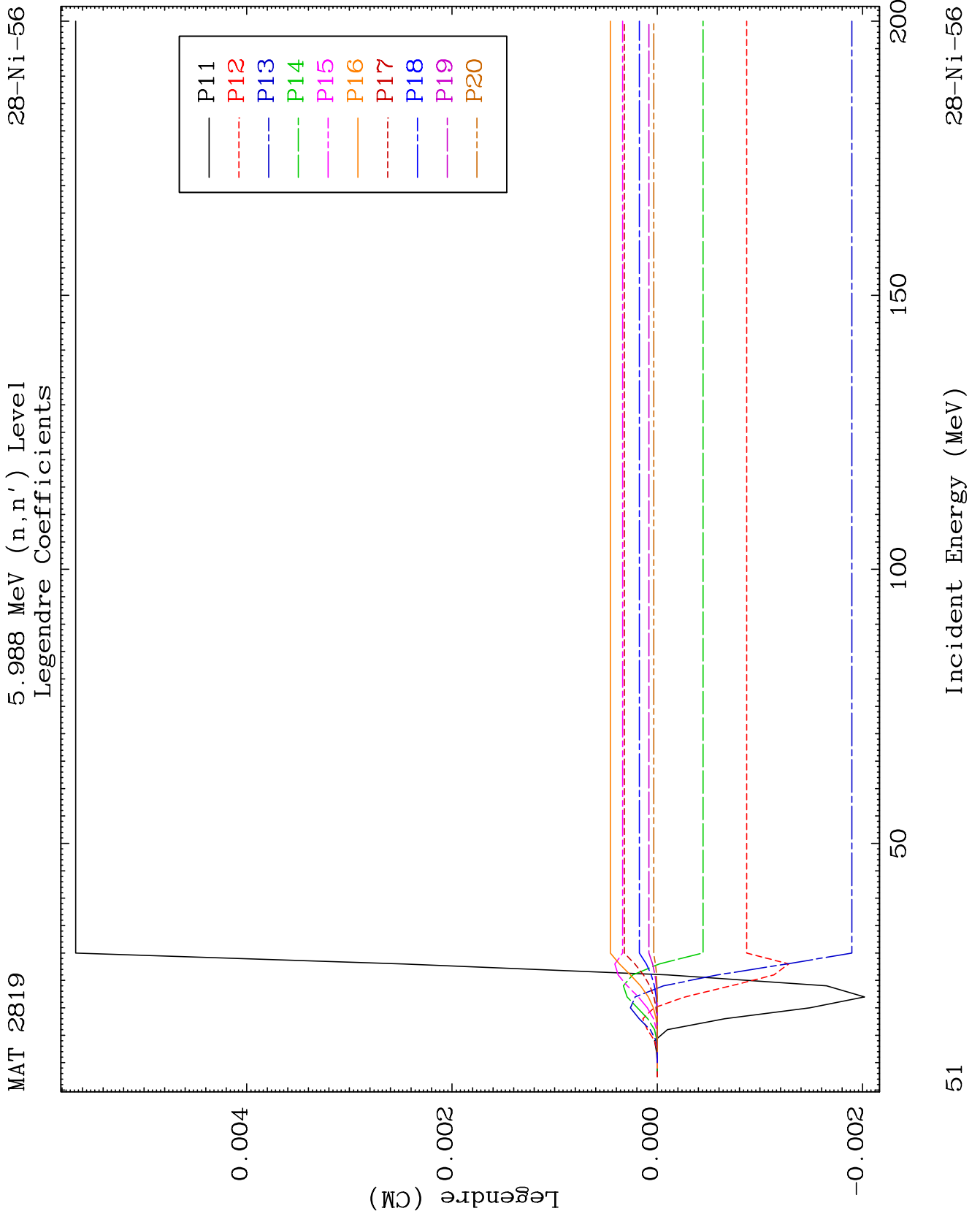
28-Ni-56

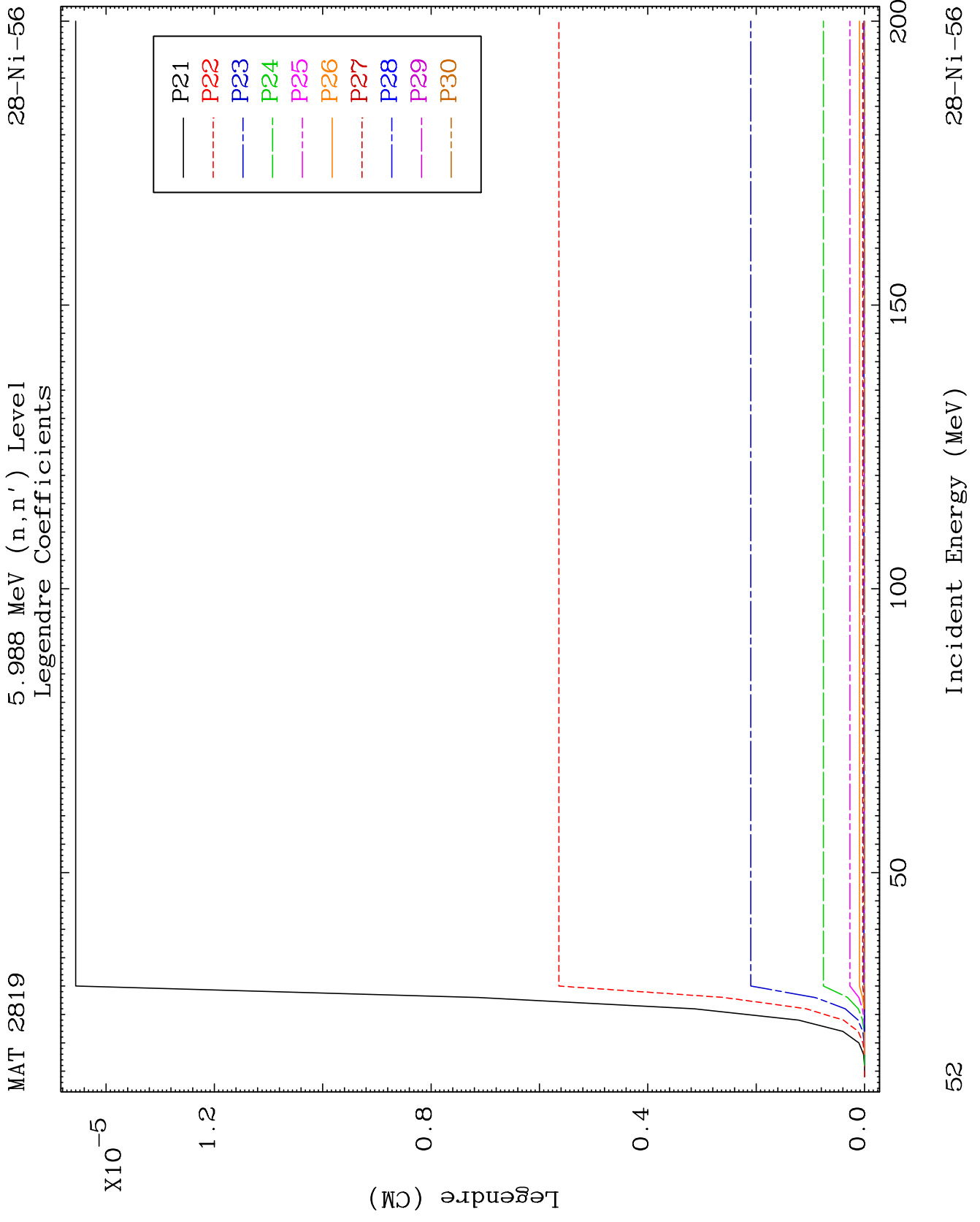


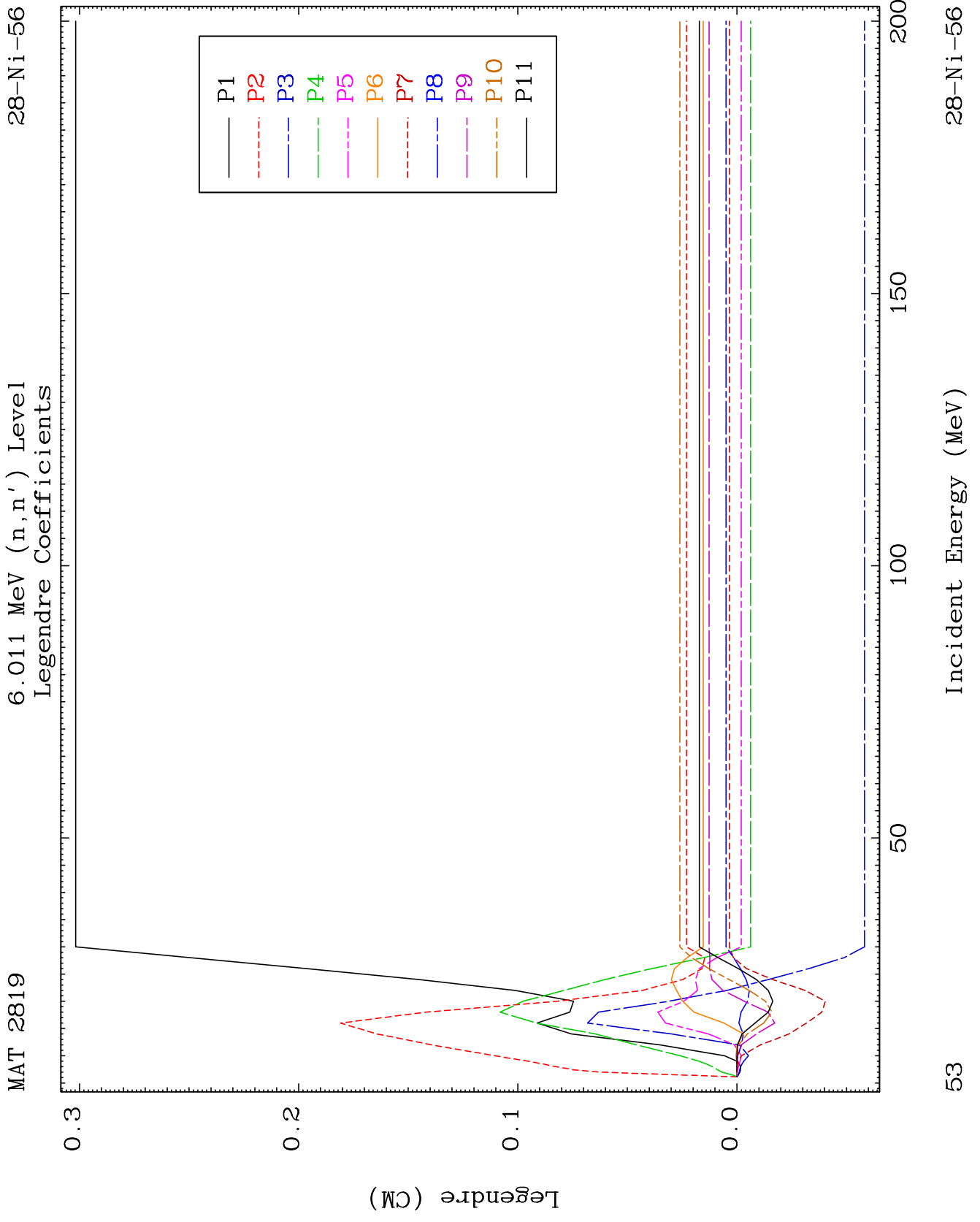


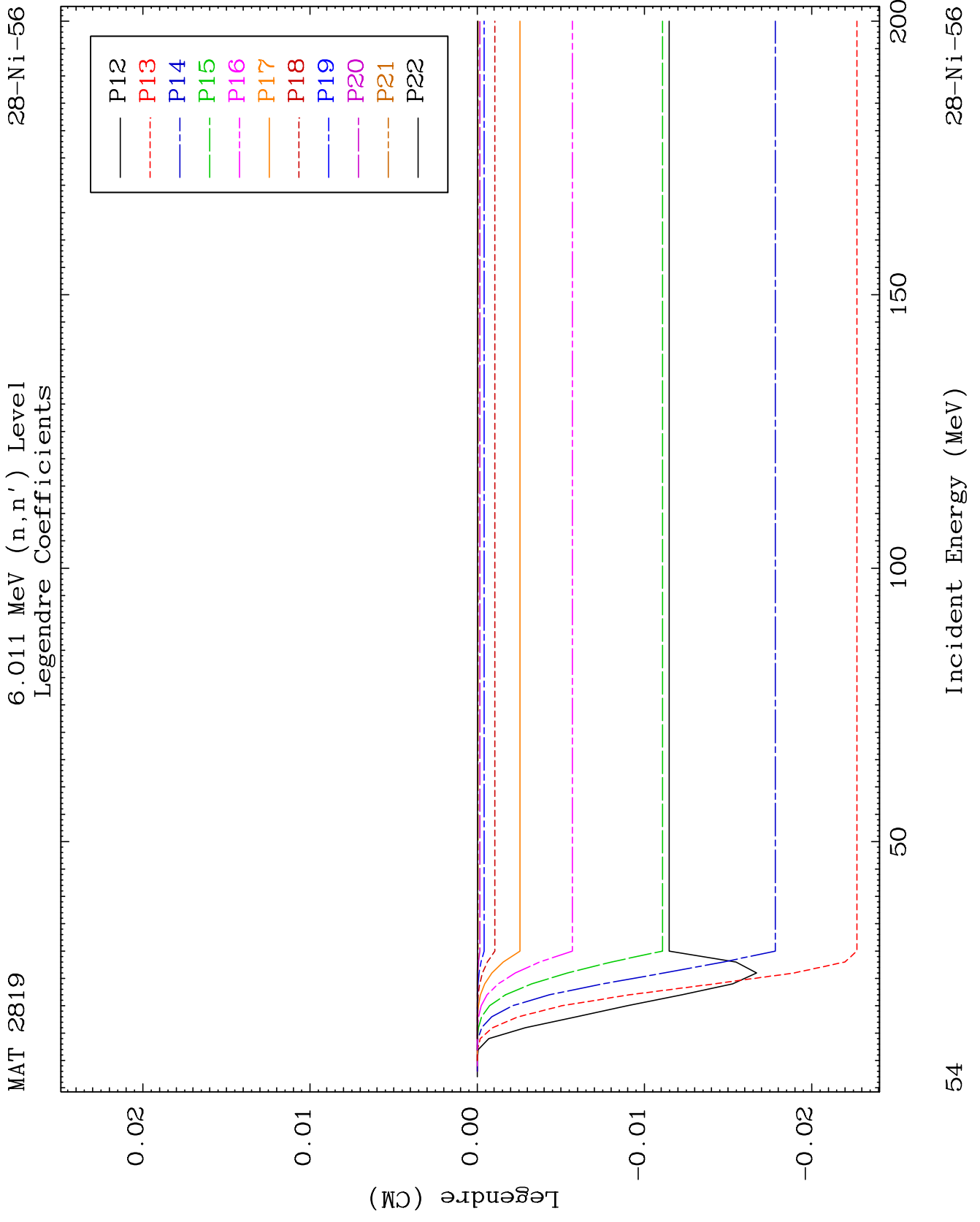


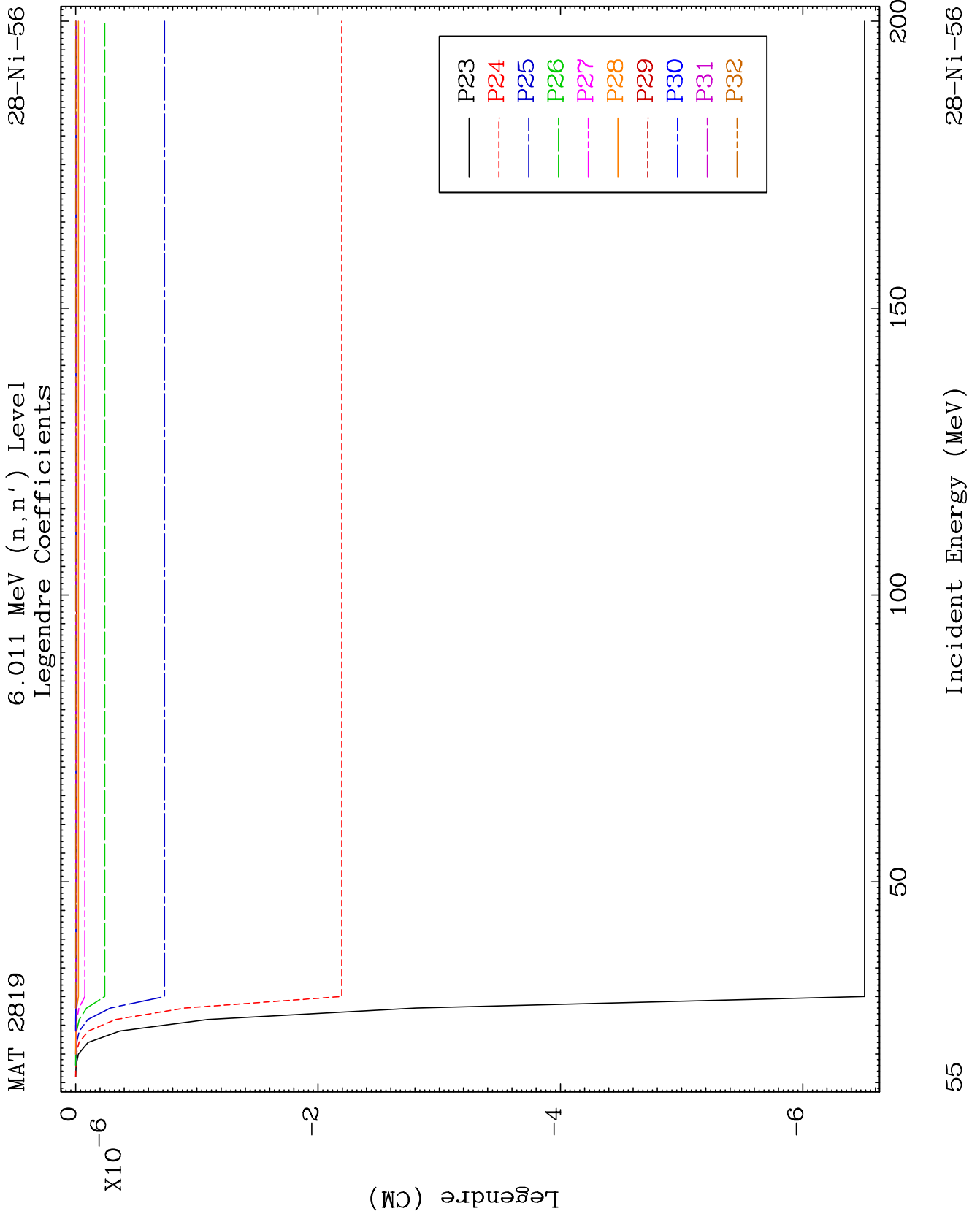


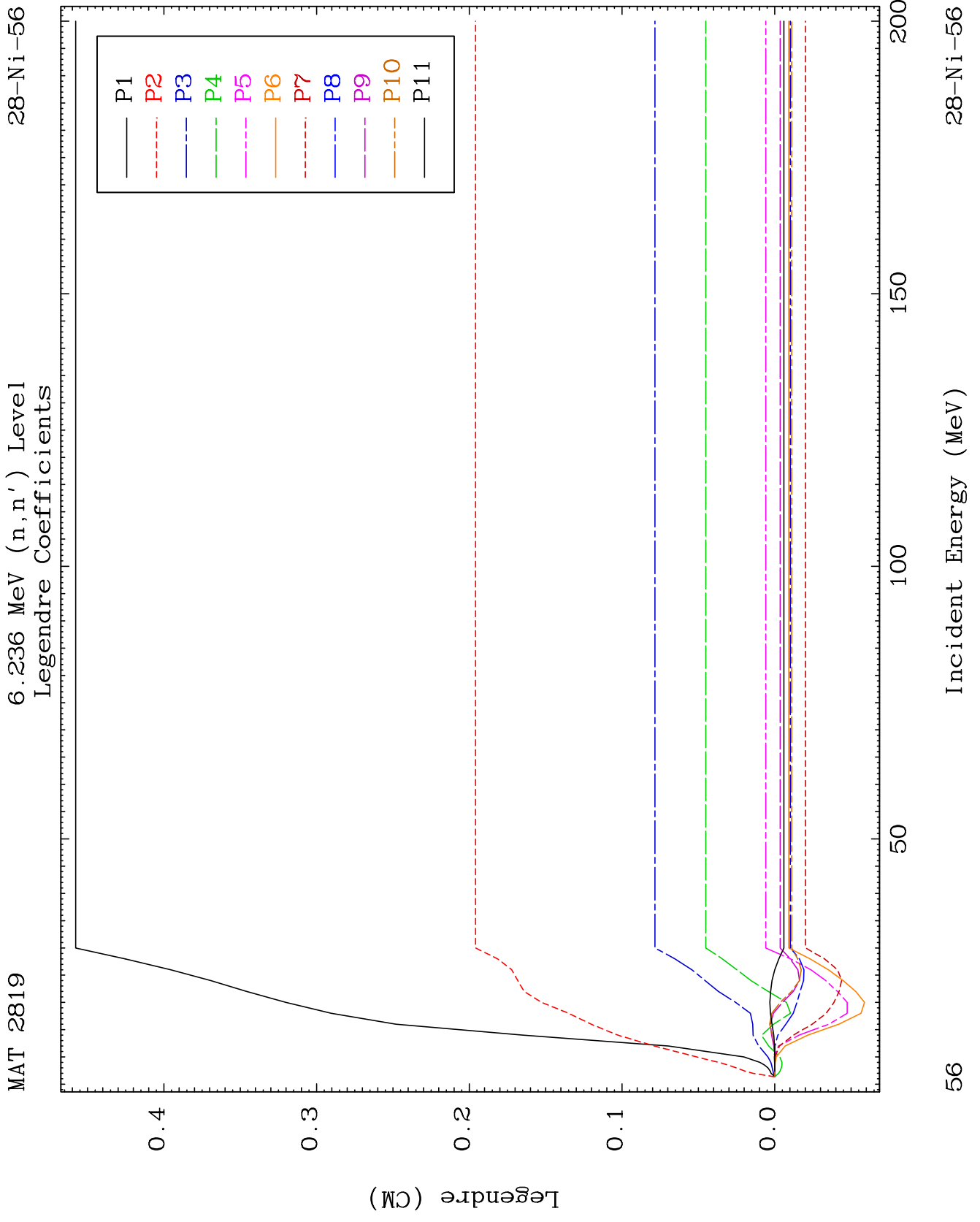


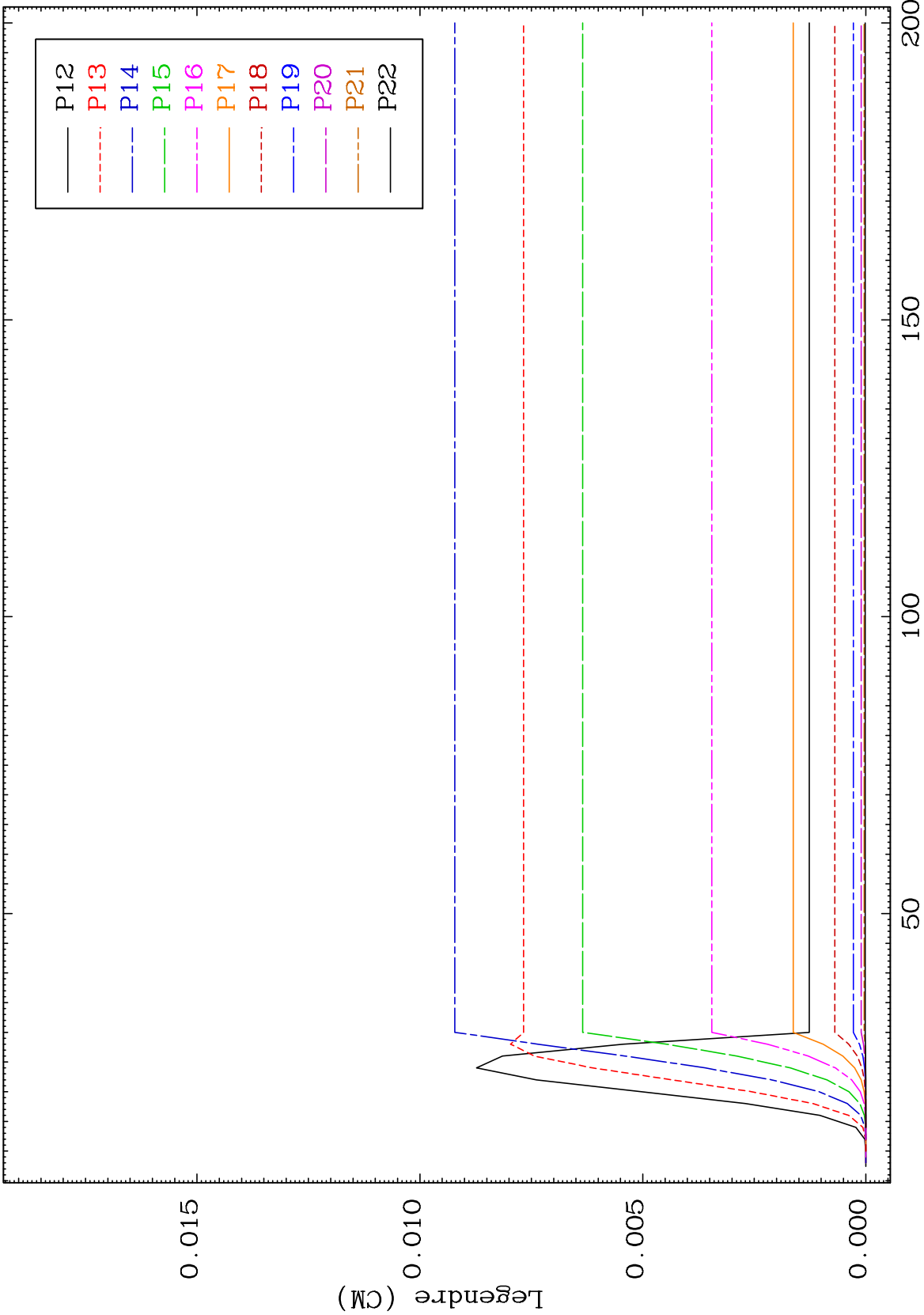








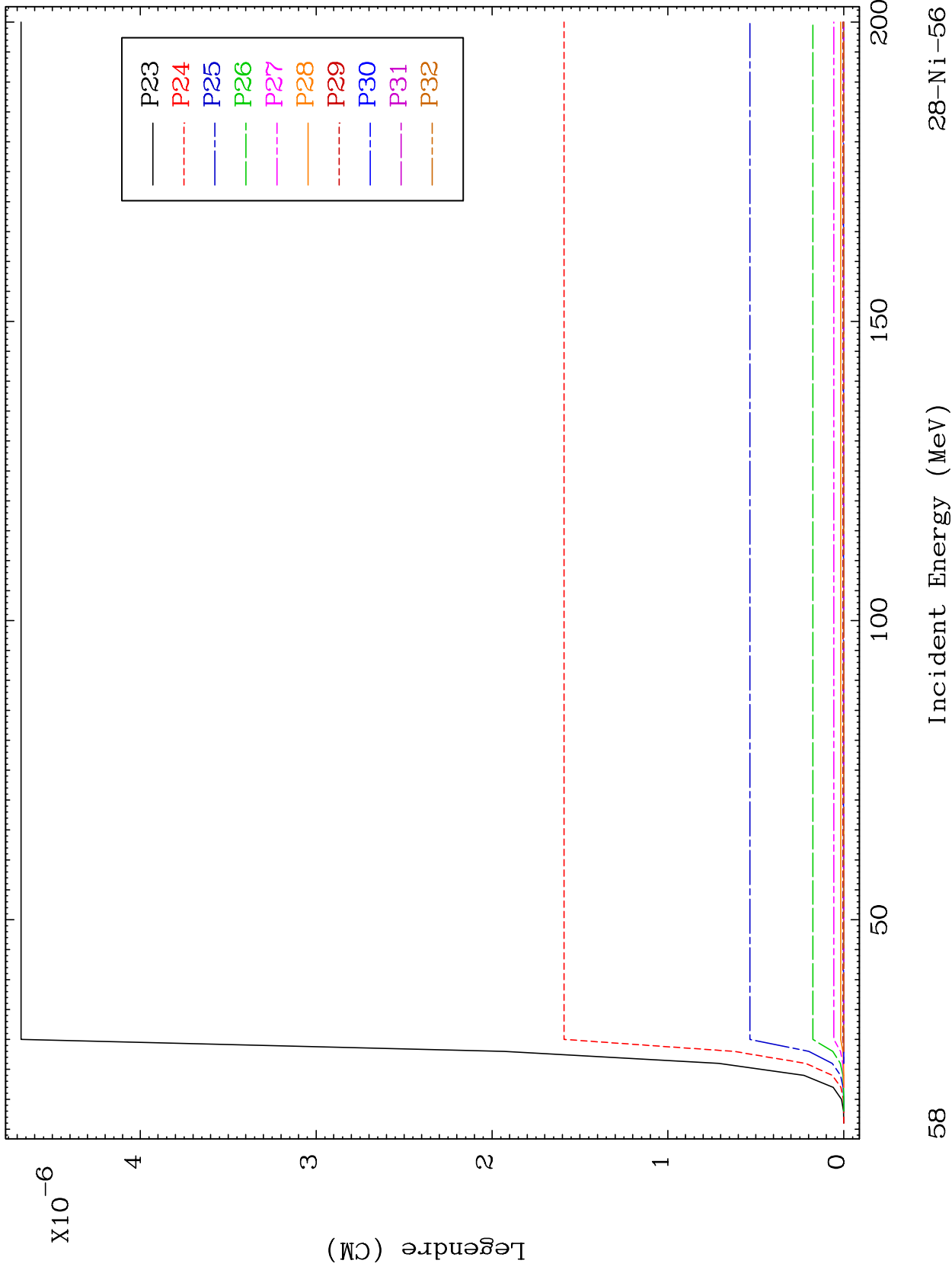




MAT 2819

6.236 MeV (n,n') Level
Legendre Coefficients

28-Ni-56



58

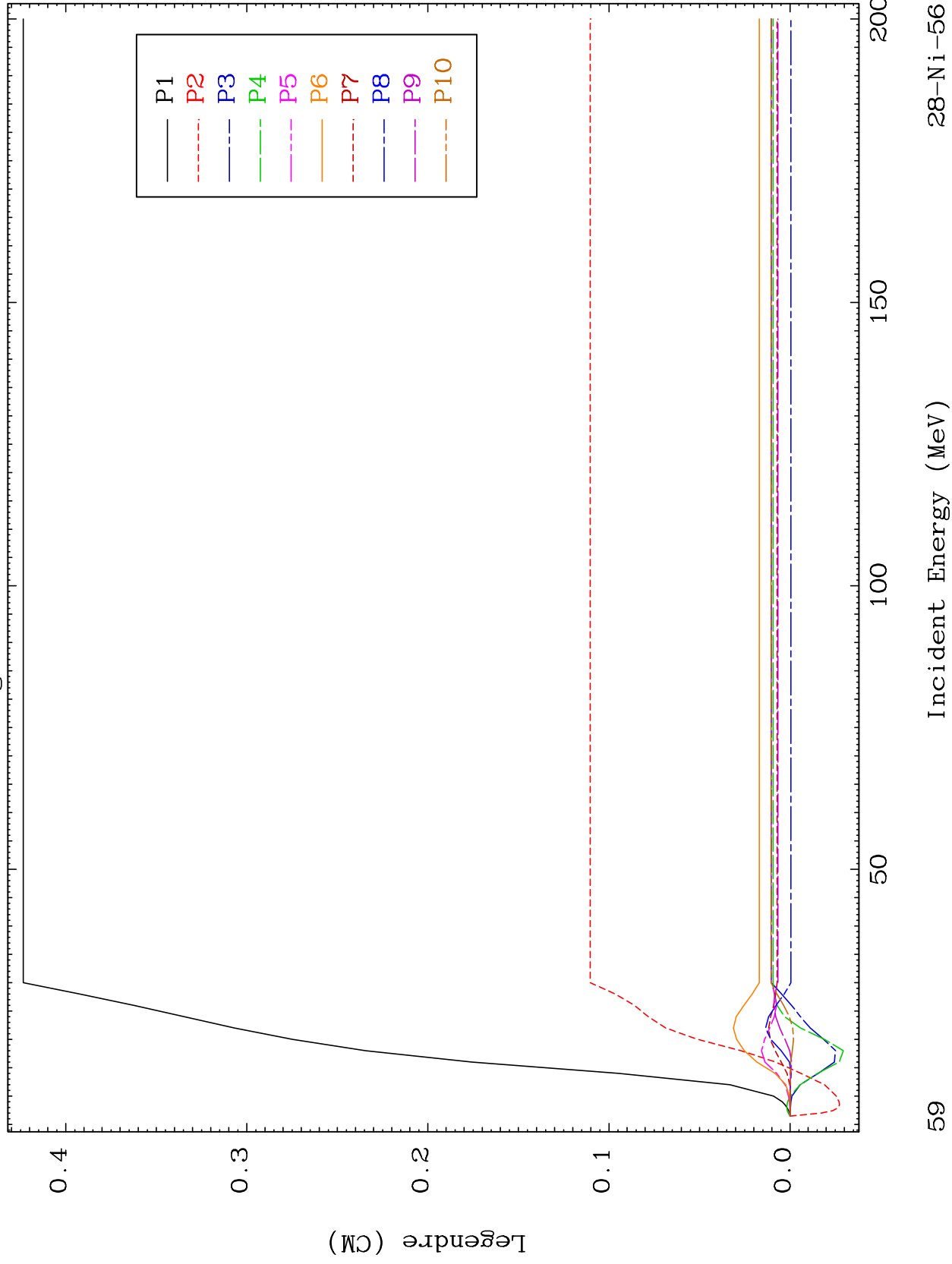
Incident Energy (MeV)

28-Ni-56

MAT 2819

6.326 MeV (n,n') Level
Legendre Coefficients

28-Ni-56



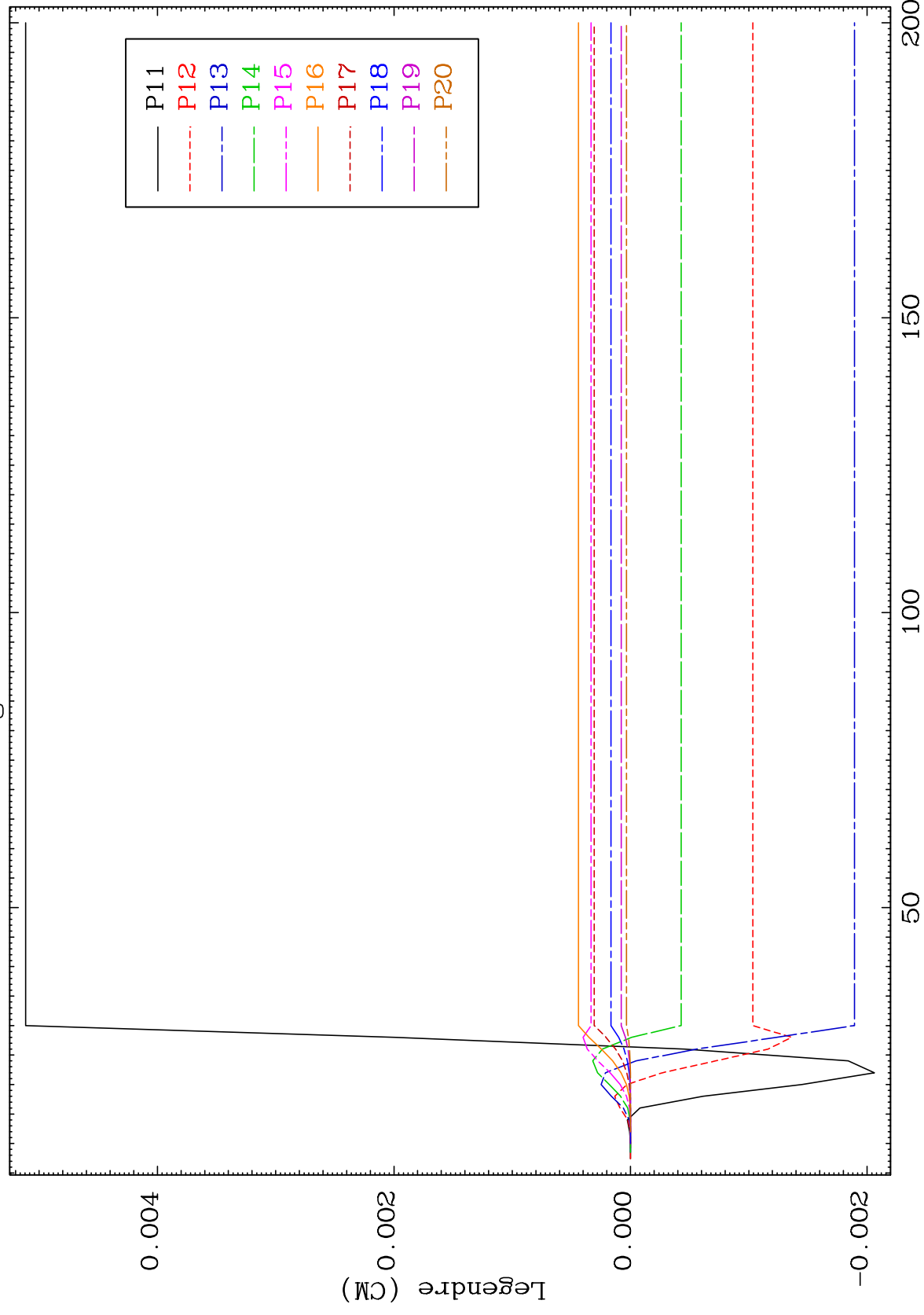
59

28-Ni-56

MAT 2819

6.326 MeV (n,n') Level
Legendre Coefficients

28-Ni-56



60

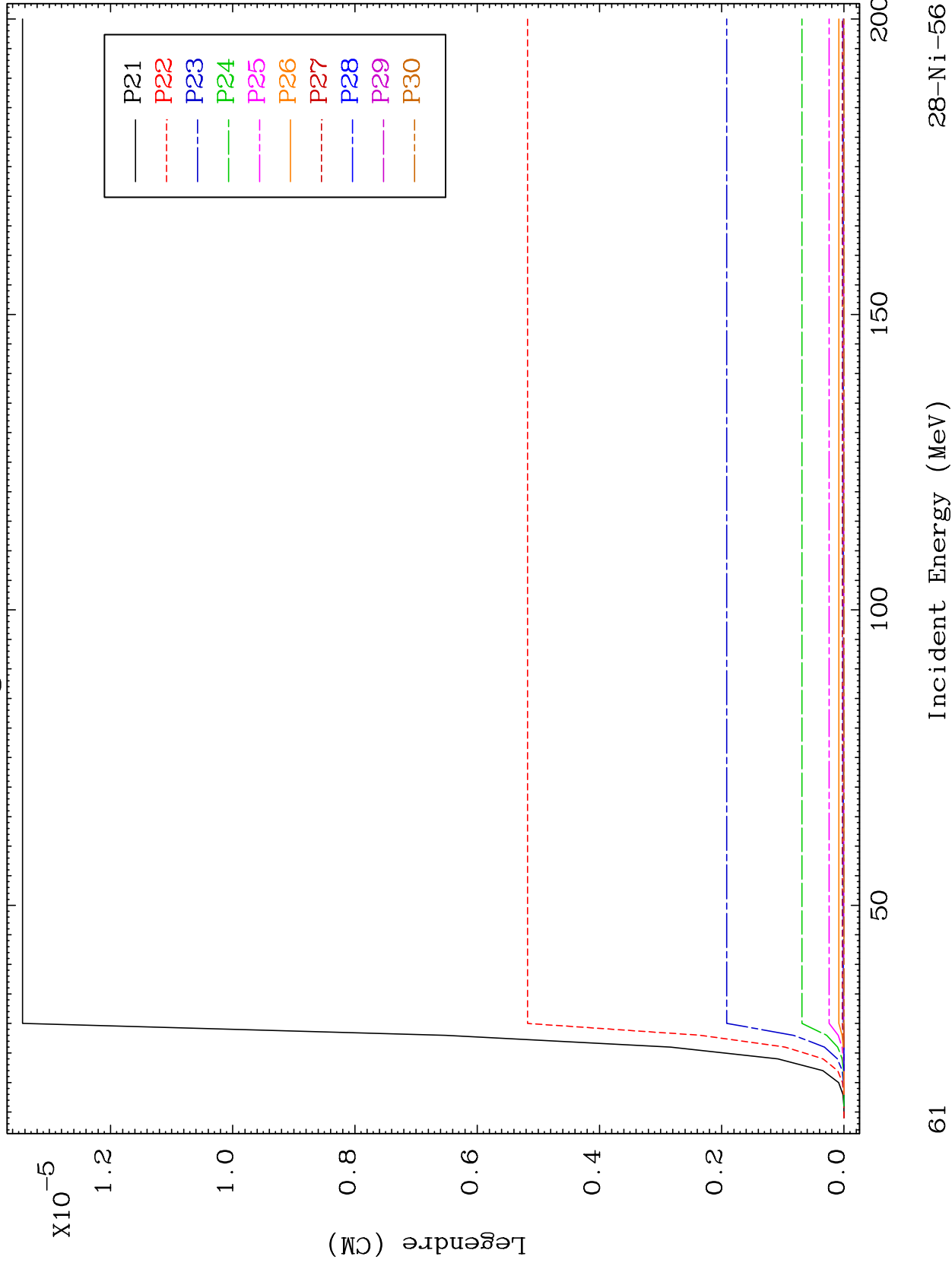
Incident Energy (MeV)

28-Ni-56

MAT 2819

6.326 MeV (n,n') Level
Legendre Coefficients

28-Ni-56

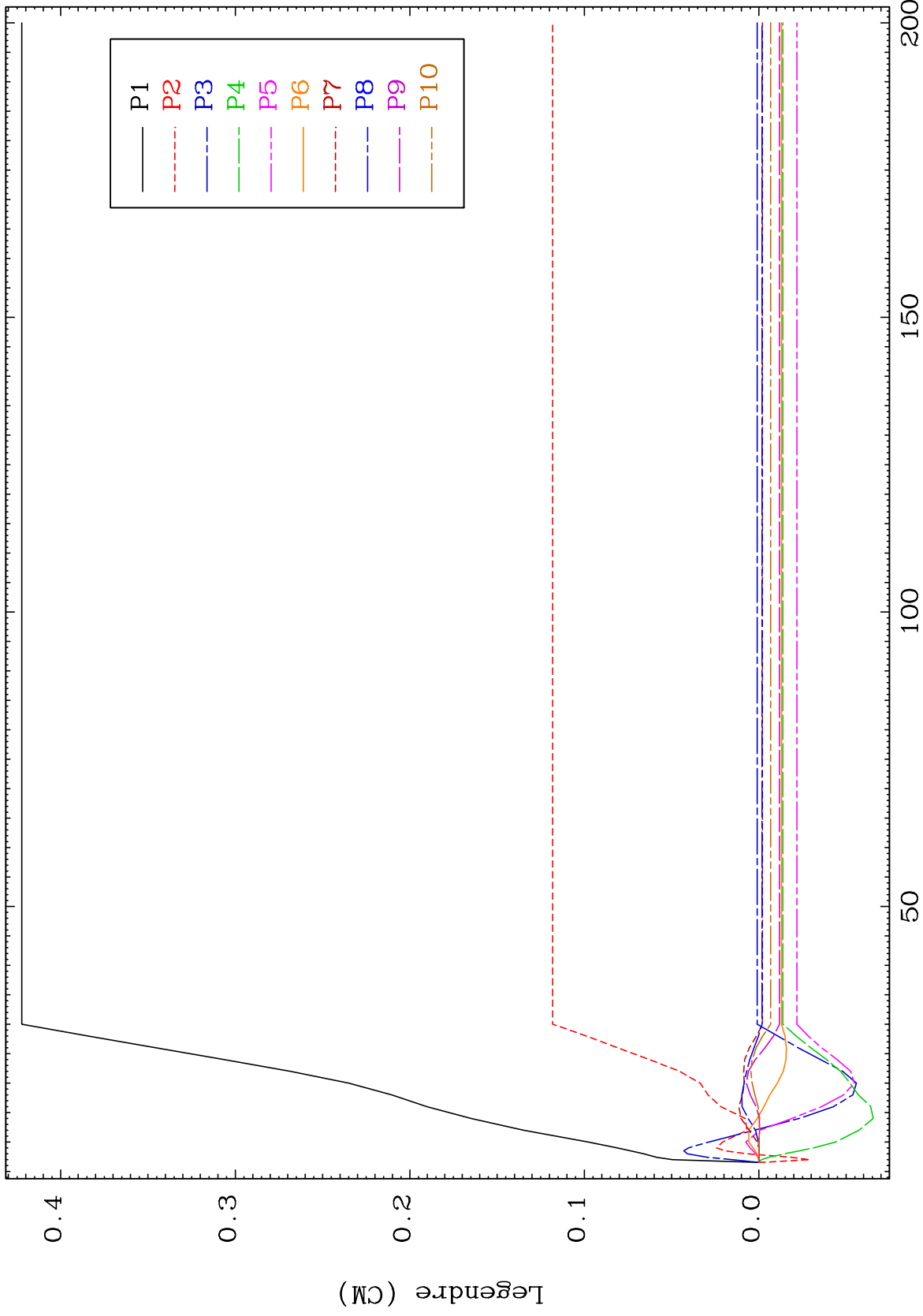


61

MAT 2819

6.406 MeV (n,n') Level
Legendre Coefficients

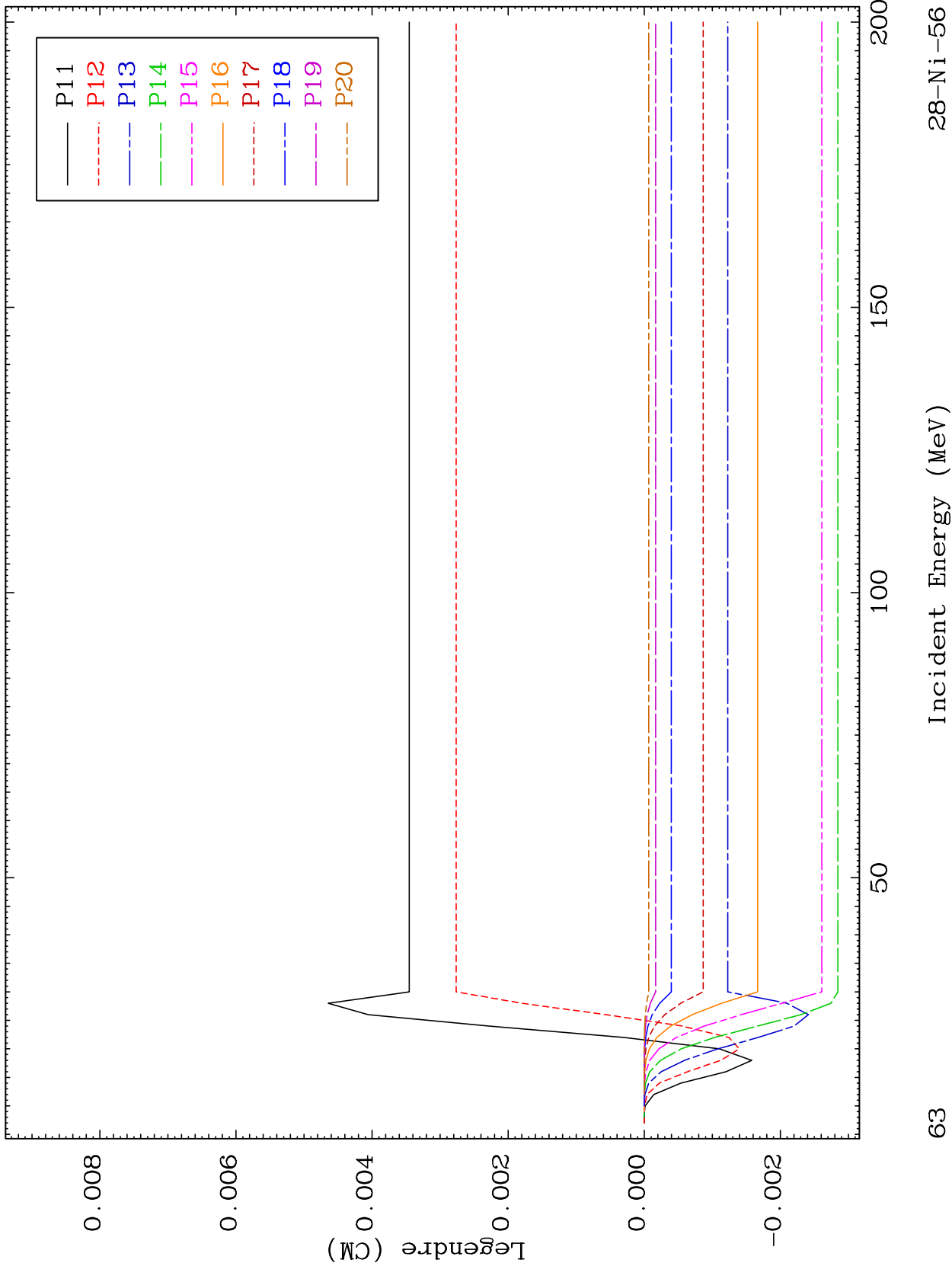
28-Ni-56

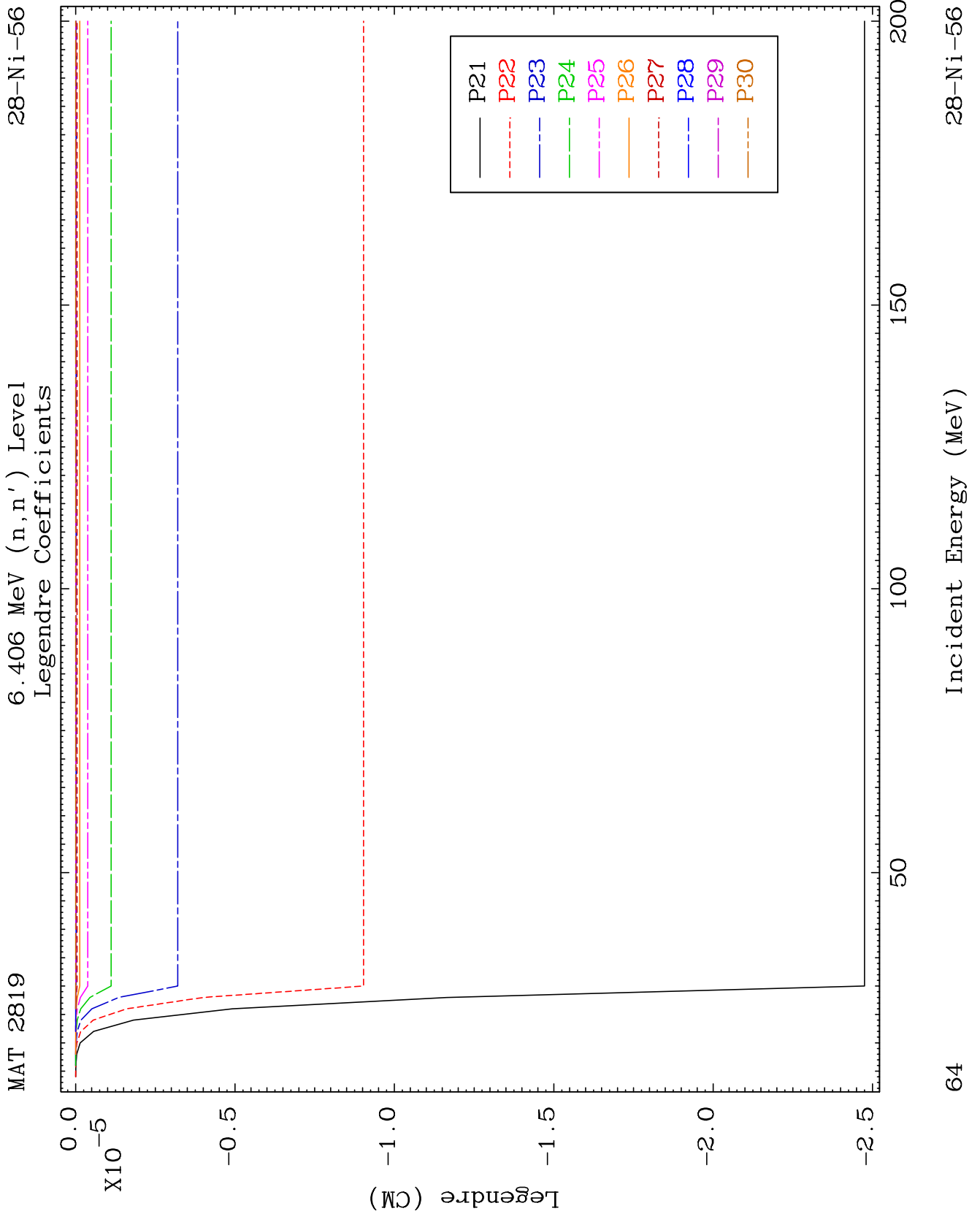


62

Incident Energy (MeV)

28-Ni-56



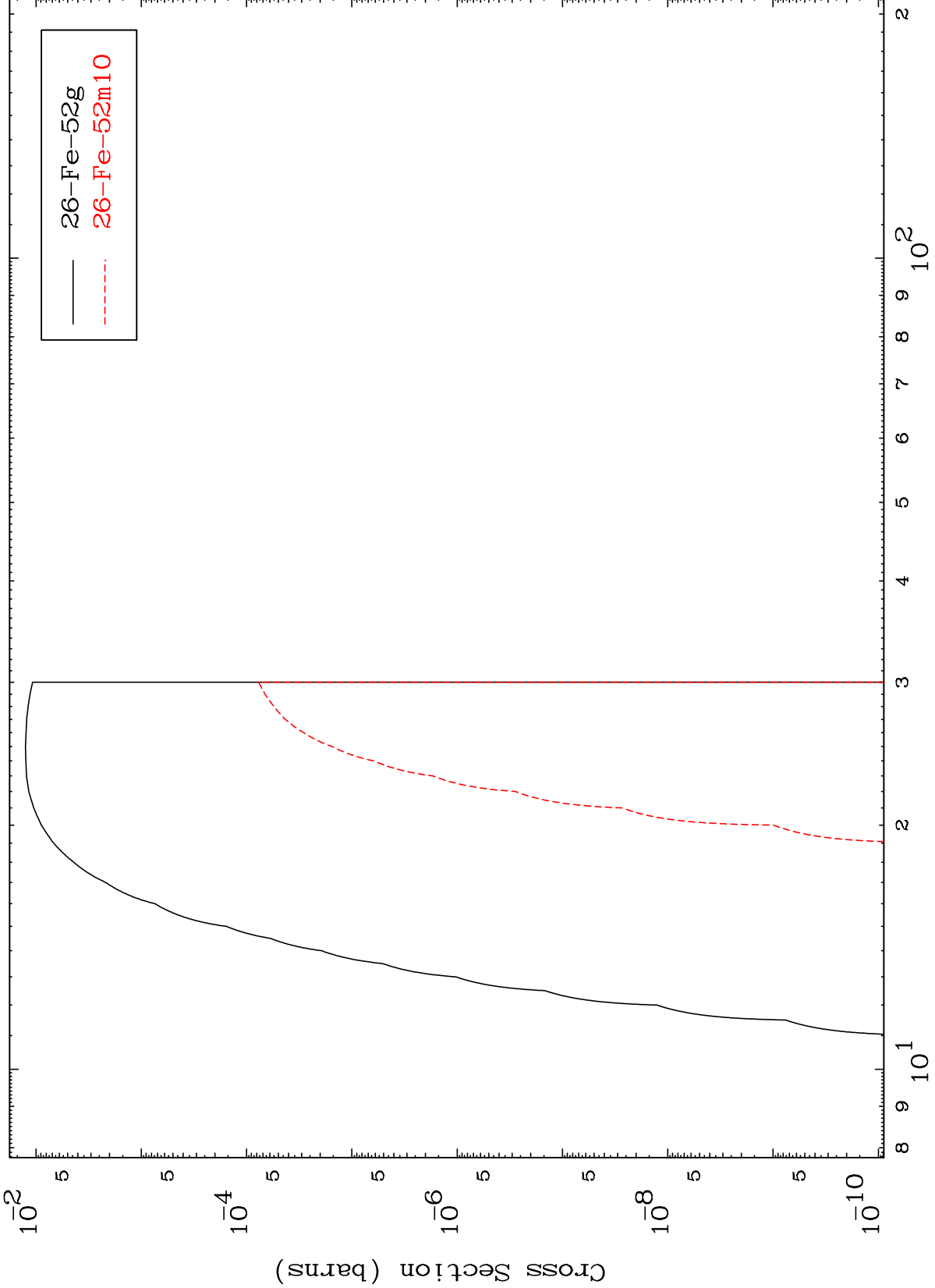


MAT 2819

$(n, n') \alpha$

28-Ni-56

Radionuclide Production Cross Section



65

Incident Energy (MeV)

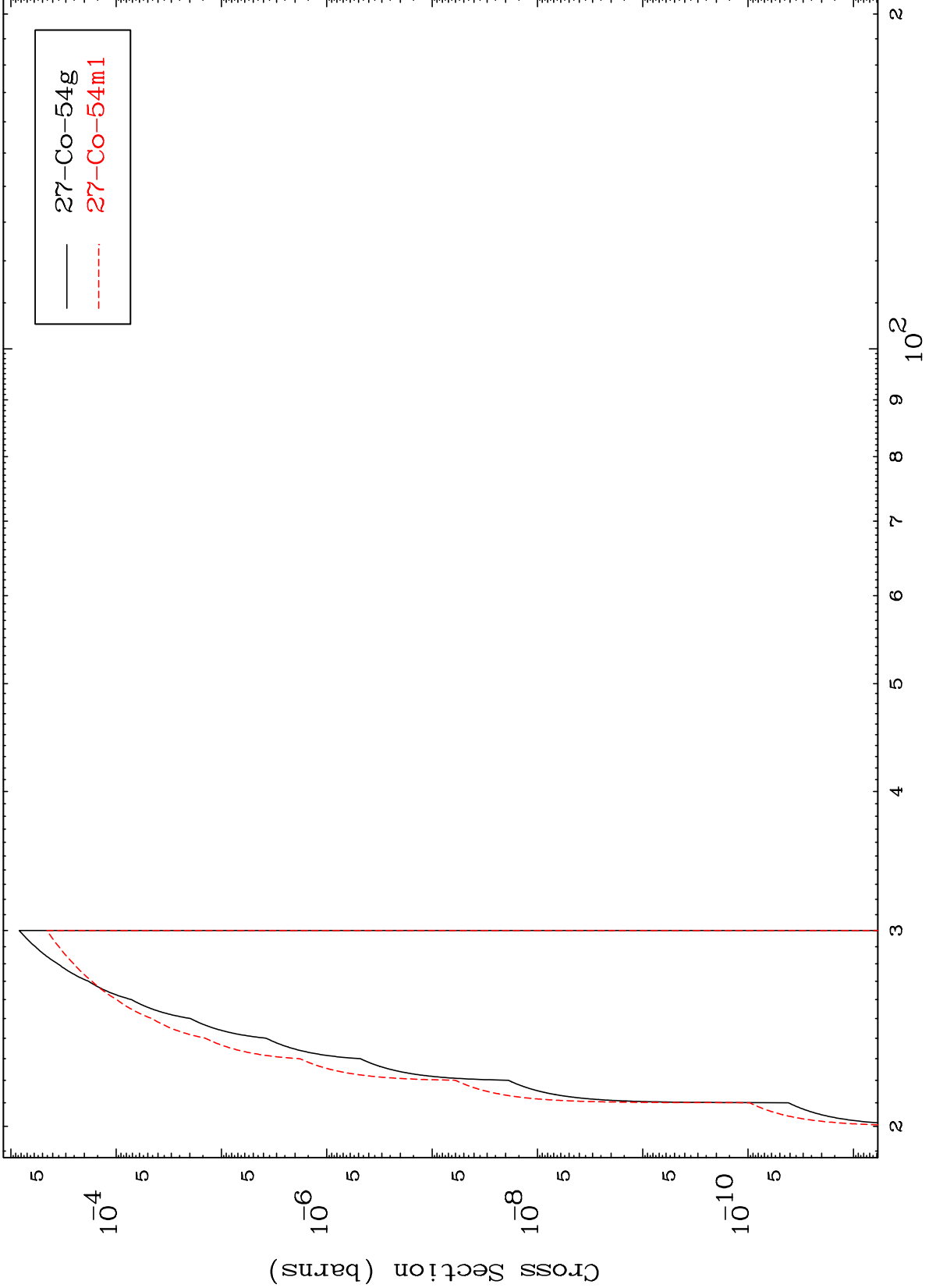
28-Ni-56

MAT 2819

(n,n') d

28-Ni-56

Radionuclide Production Cross Section



66

Incident Energy (MeV)

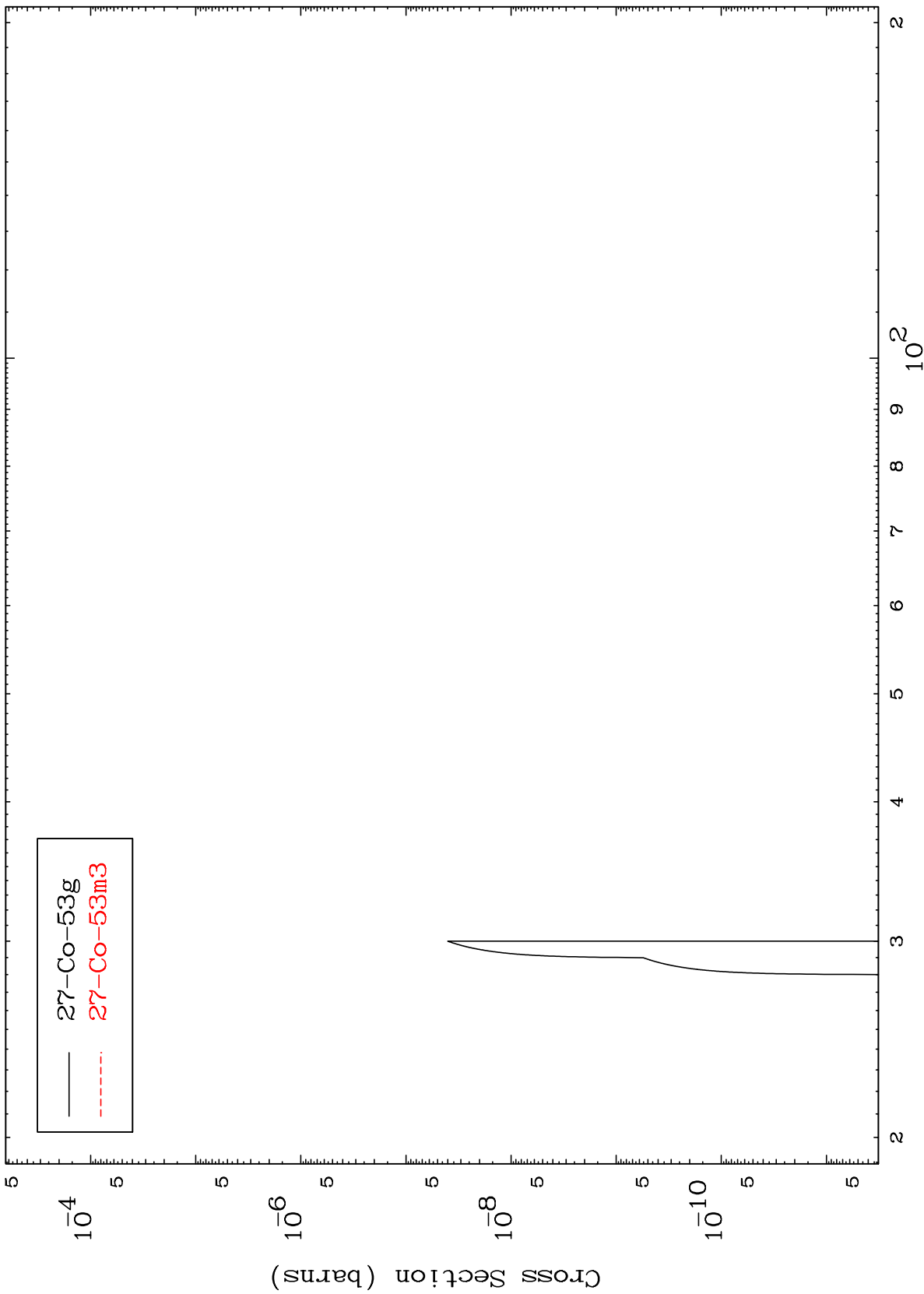
28-Ni-56

MAT 2819

(n,n') t

28-Ni-56

Radionuclide Production Cross Section



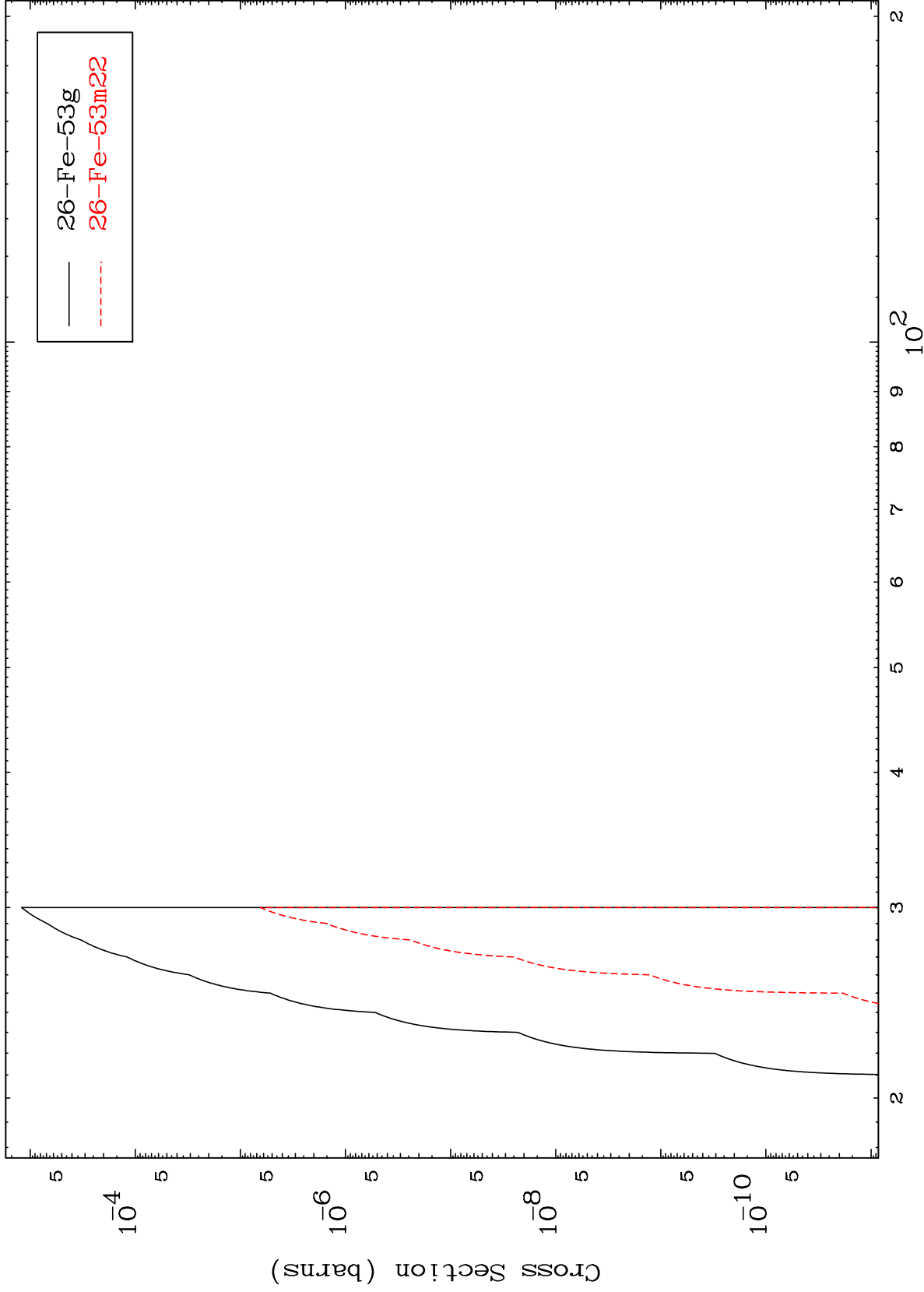
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- - - 27-Co-53m3

67

Incident Energy (MeV)

28-Ni-56

Radionuclide Production Cross Section



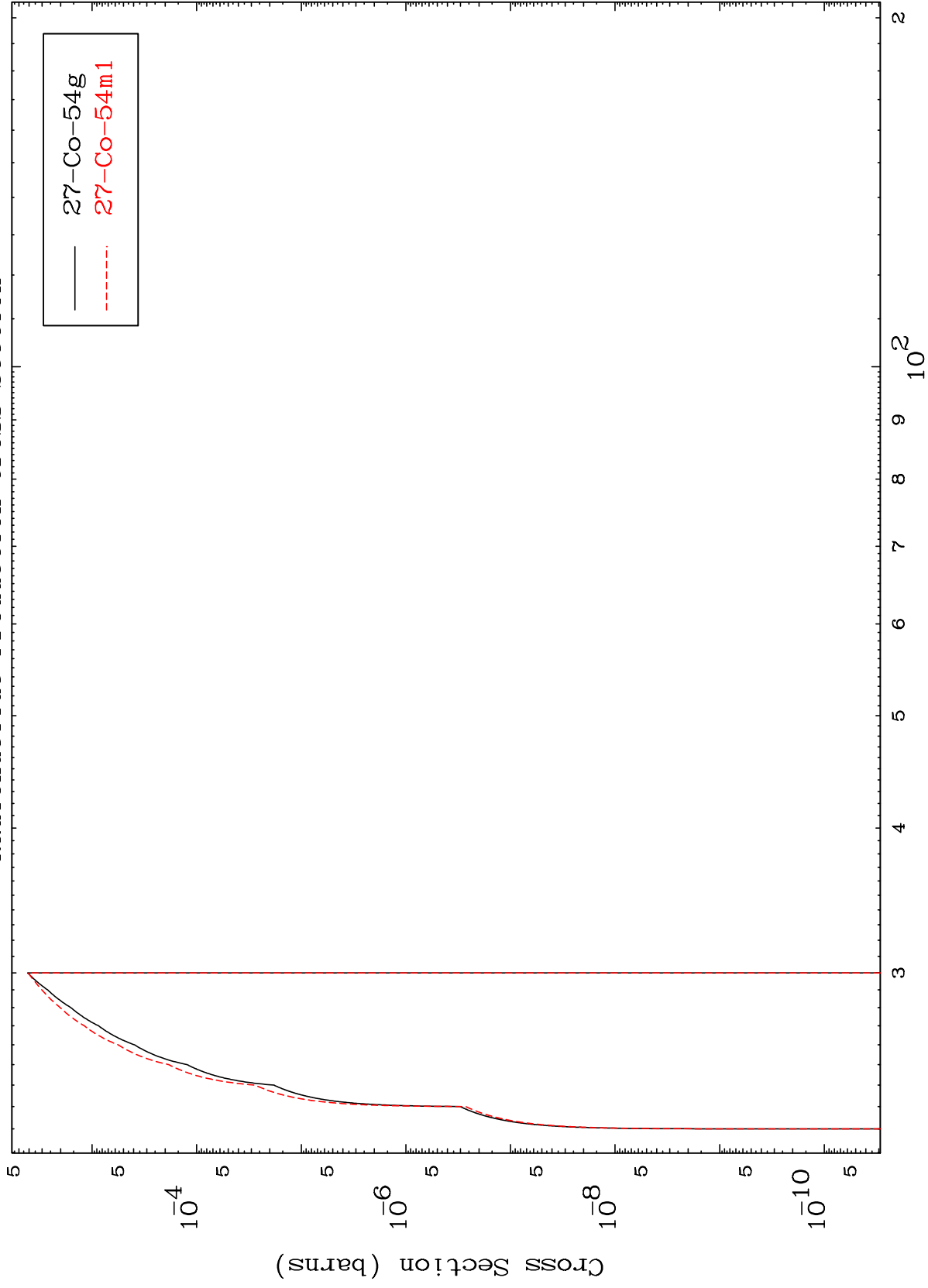
— 26-Fe-53g
- - - 26-Fe-53m22

MAT 2819

(n,2n) p

28-Ni-56

Radionuclide Production Cross Section



69

Incident Energy (MeV)

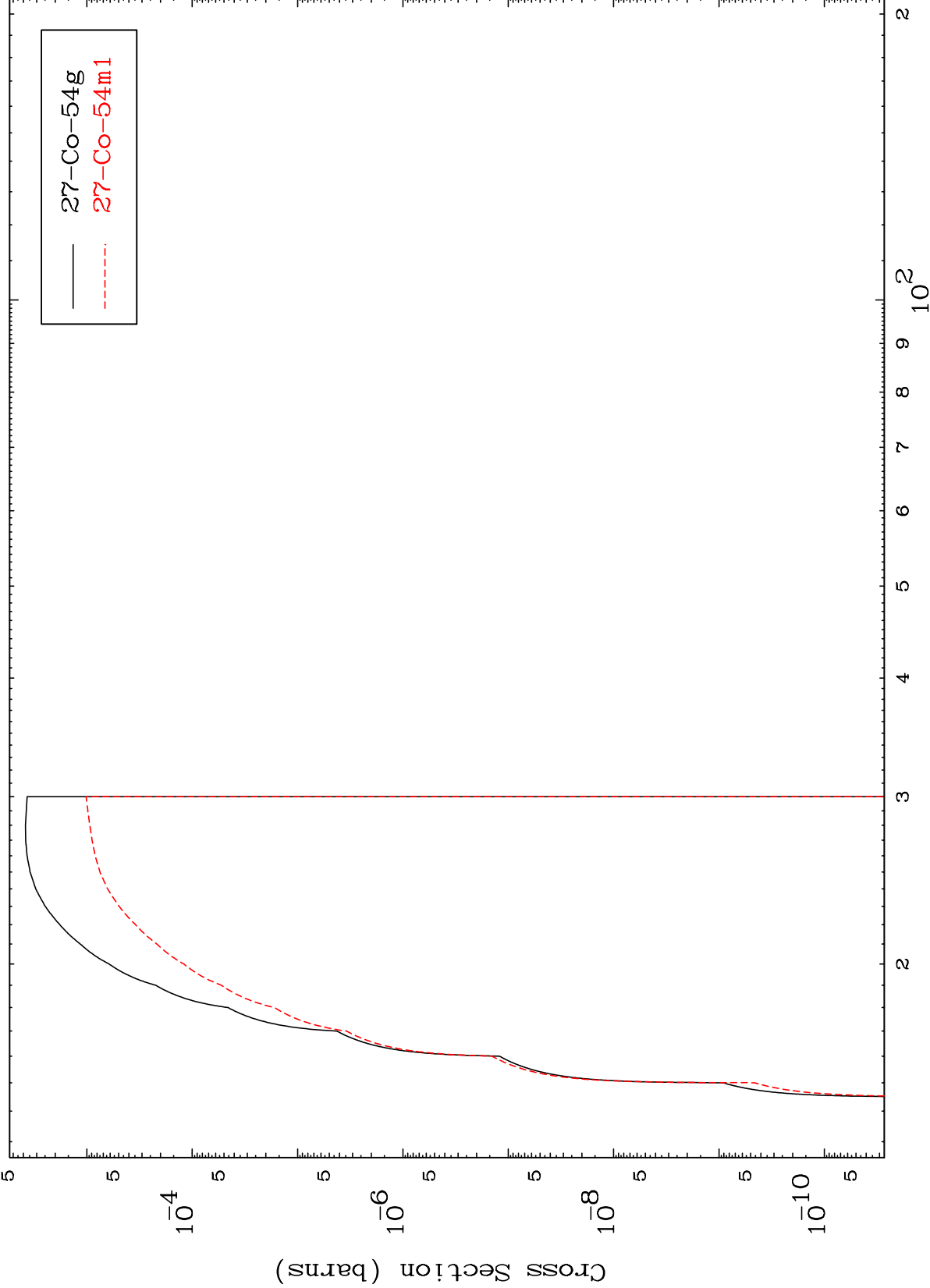
28-Ni-56

MAT 2819

(n,t)

28-Ni-56

Radionuclide Production Cross Section



70

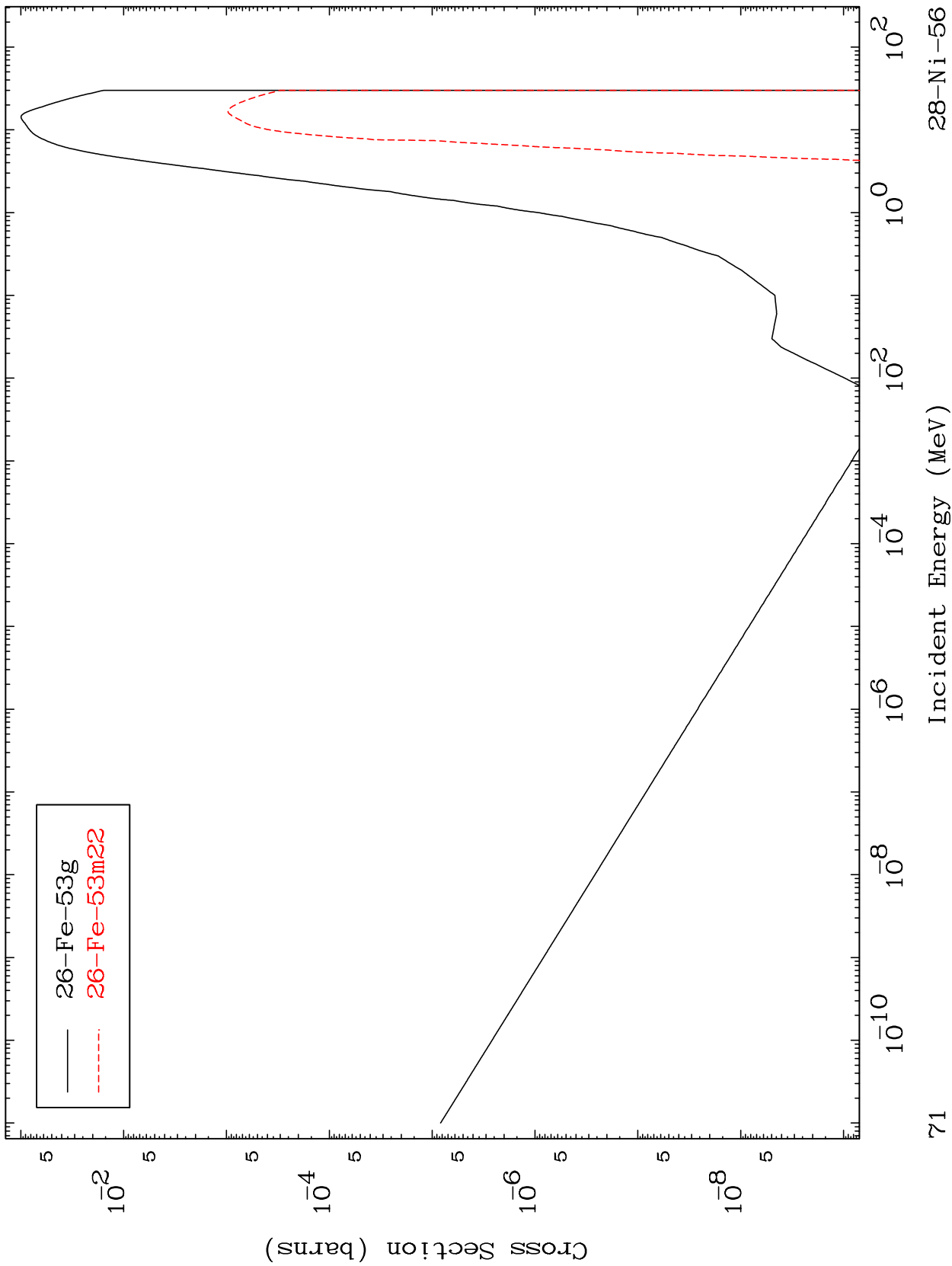
Incident Energy (MeV)

28-Ni-56

MAT 2819

28-Ni-56

(n, α)
Radionuclide Production Cross Section

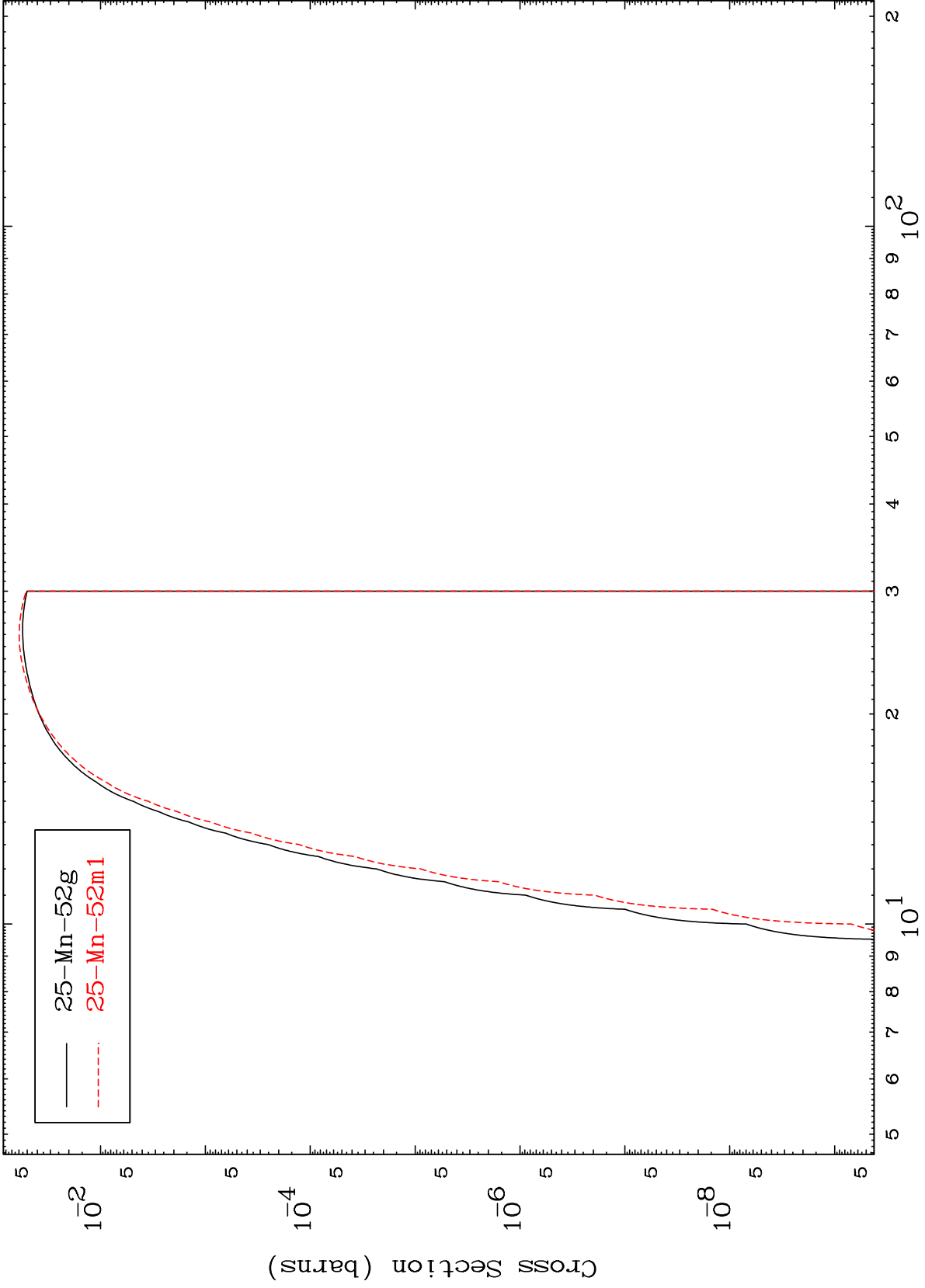


MAT 2819

(n,p) α

²⁸Ni-56

Radionuclide Production Cross Section



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Incident Energy (MeV)

²⁸Ni-56

Radionuclide Production Cross Section

