

Program EVALPLOT
(Version 2015-2)

by

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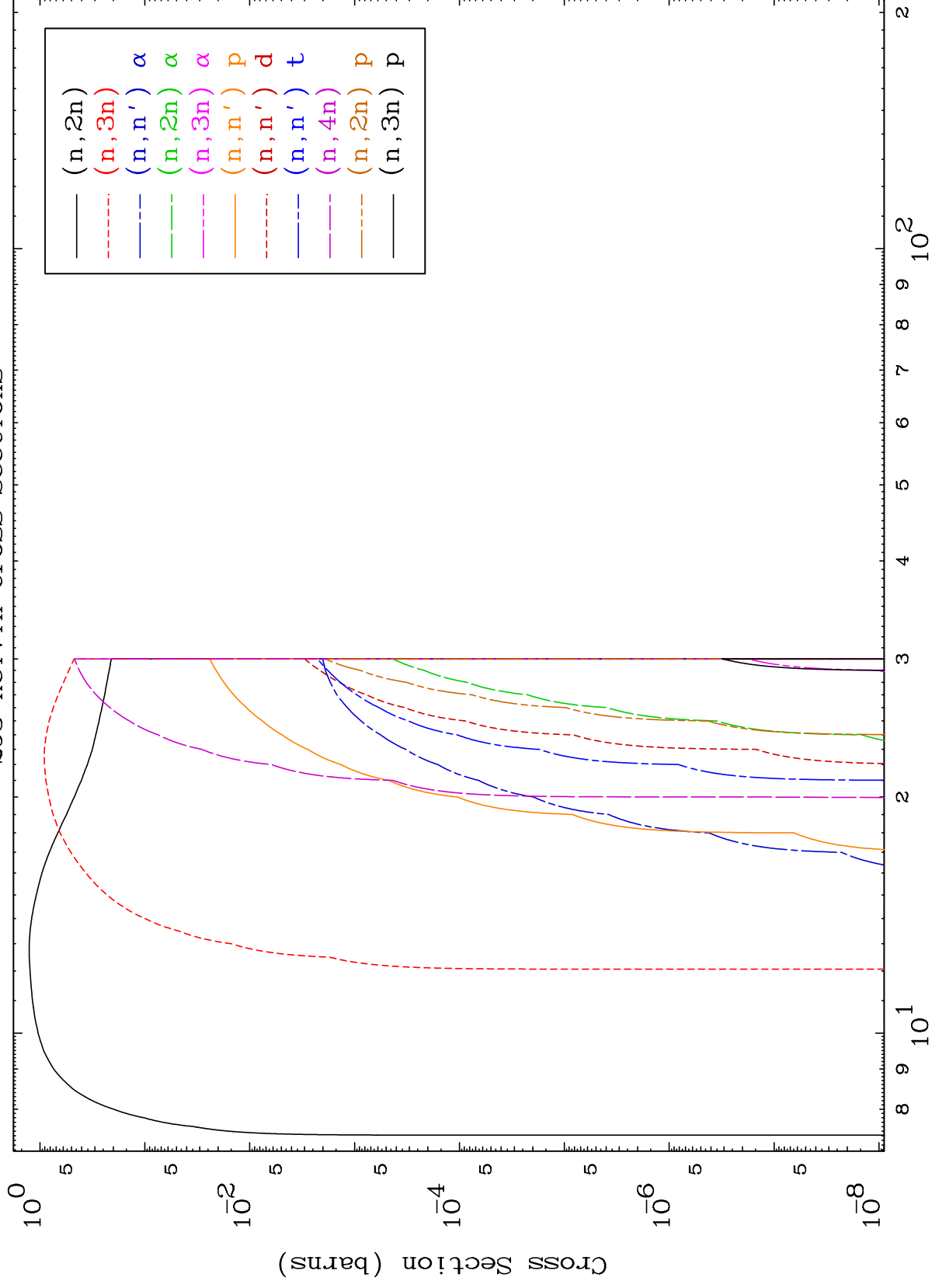
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 2861

Neutron Production
293 Kelvin Cross Sections

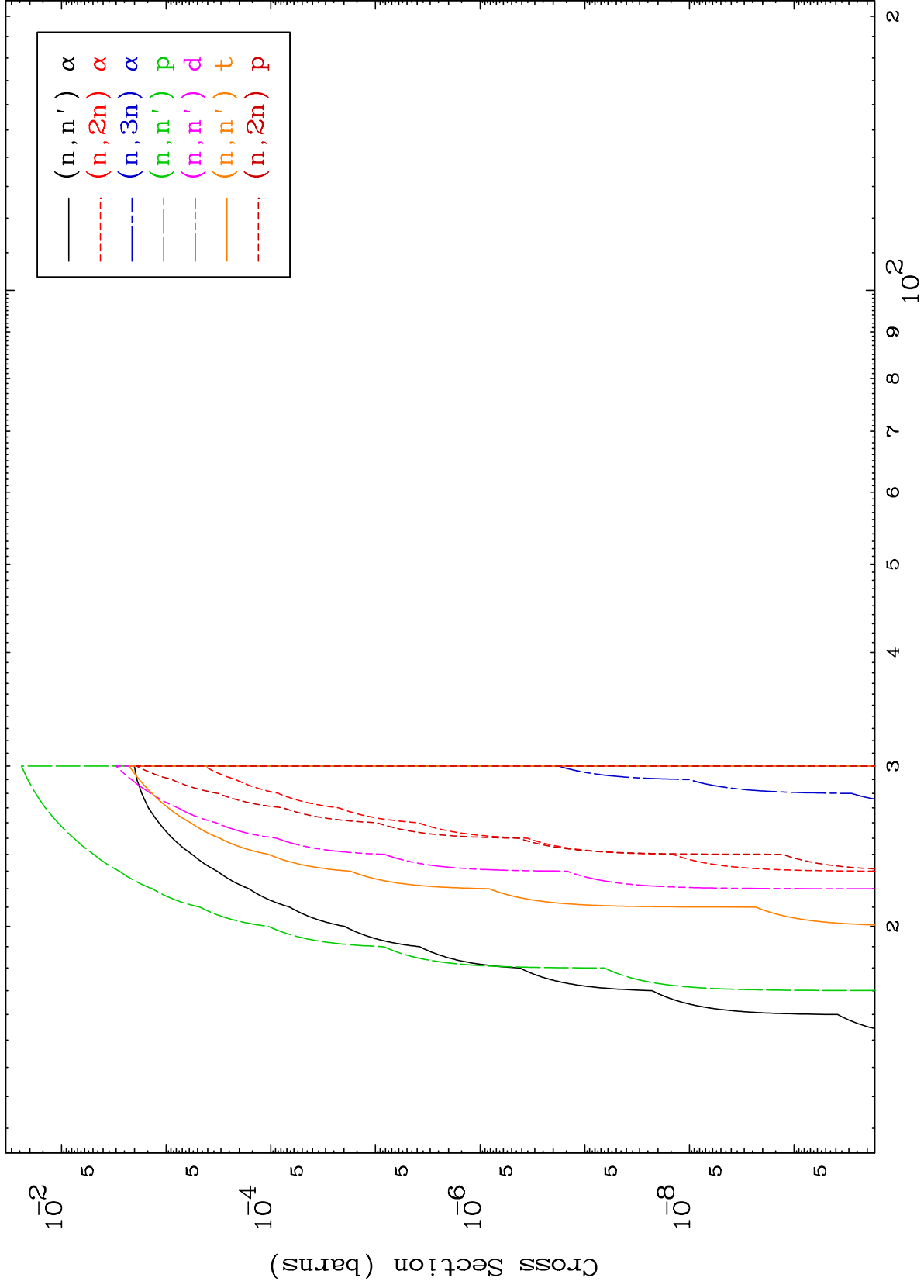
28-Ni-70

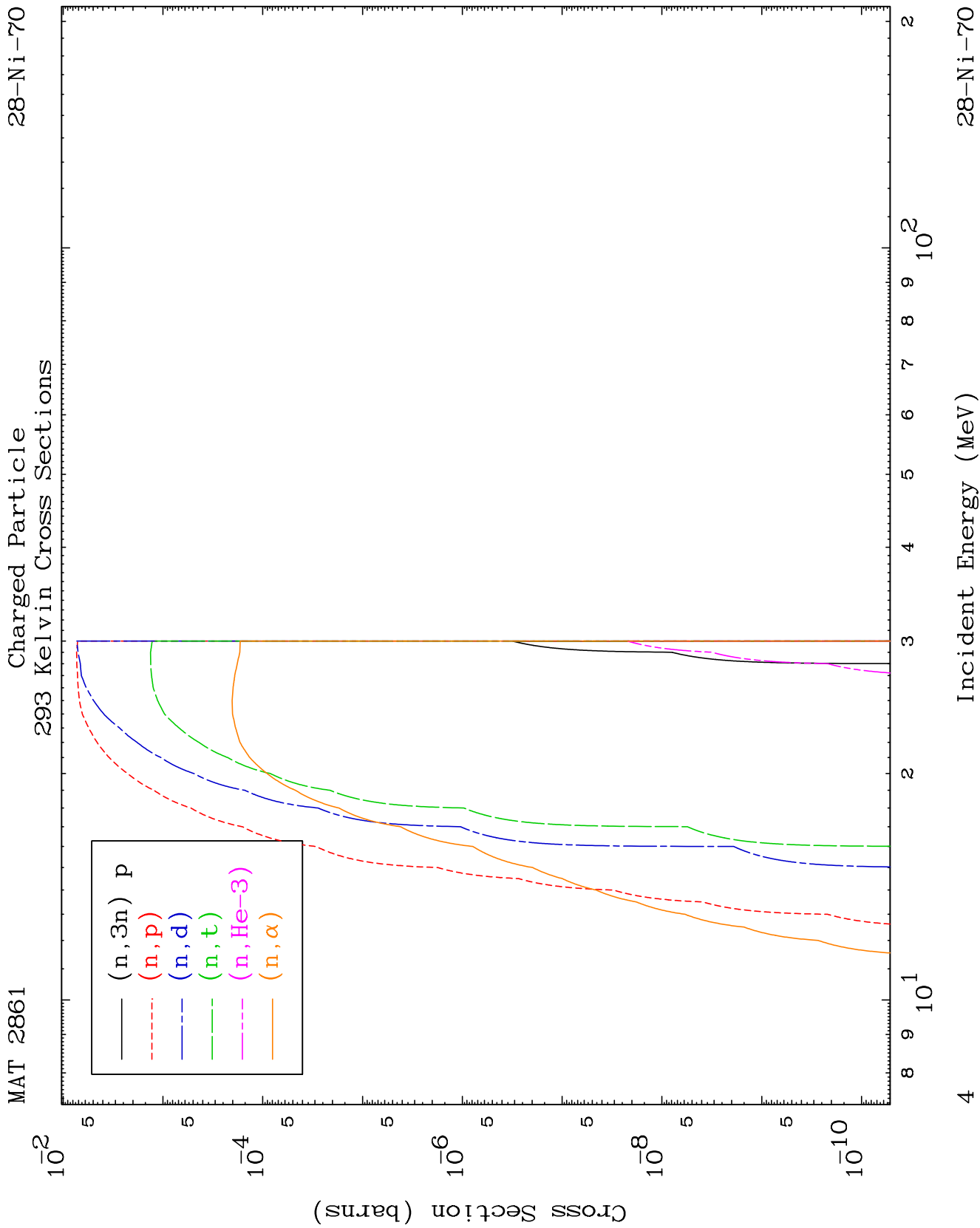


2

Incident Energy (MeV)

28-Ni-70

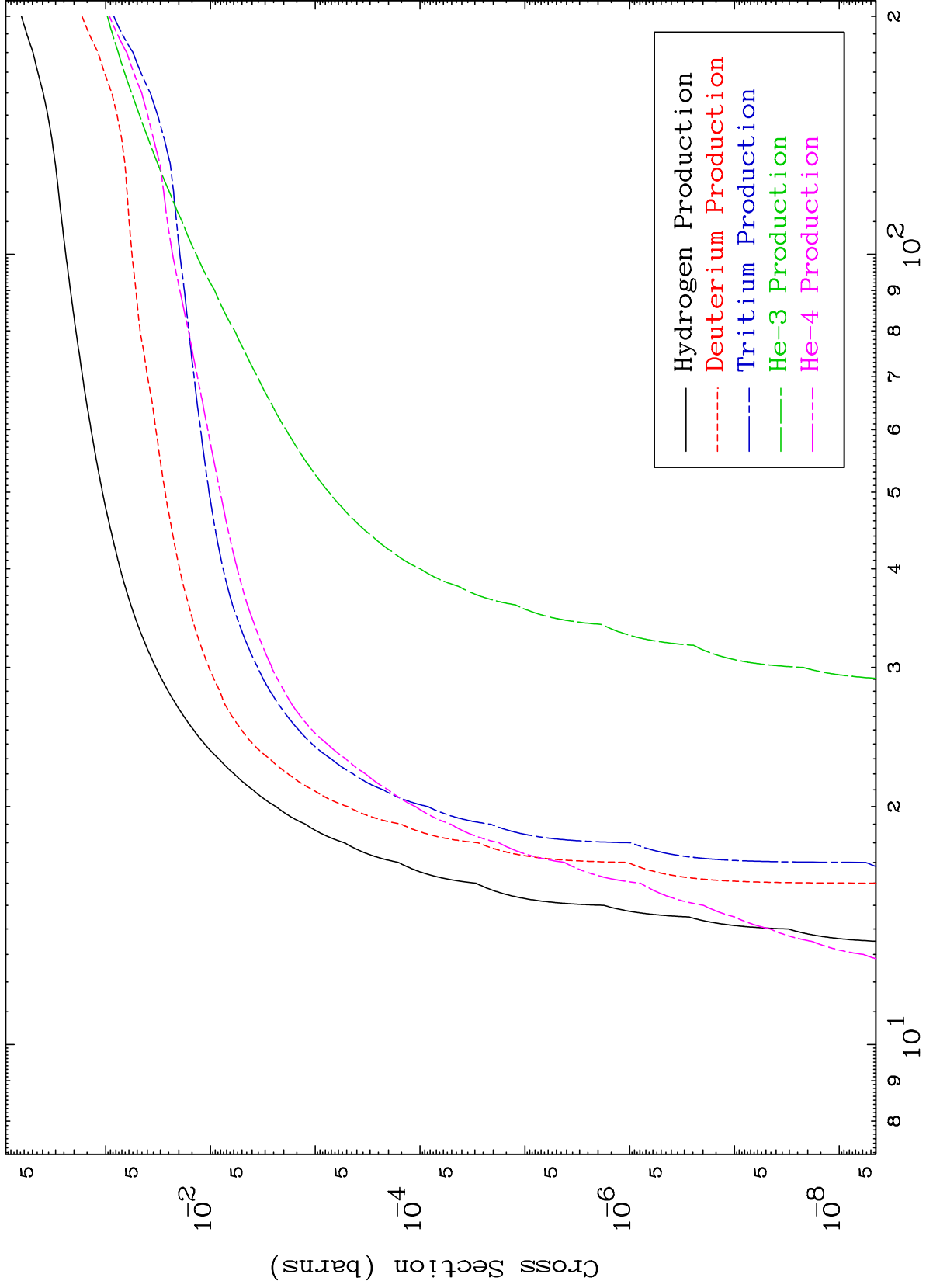




MAT 2861

Particle Production
293 Kelvin Cross Sections

28-Ni-70



5

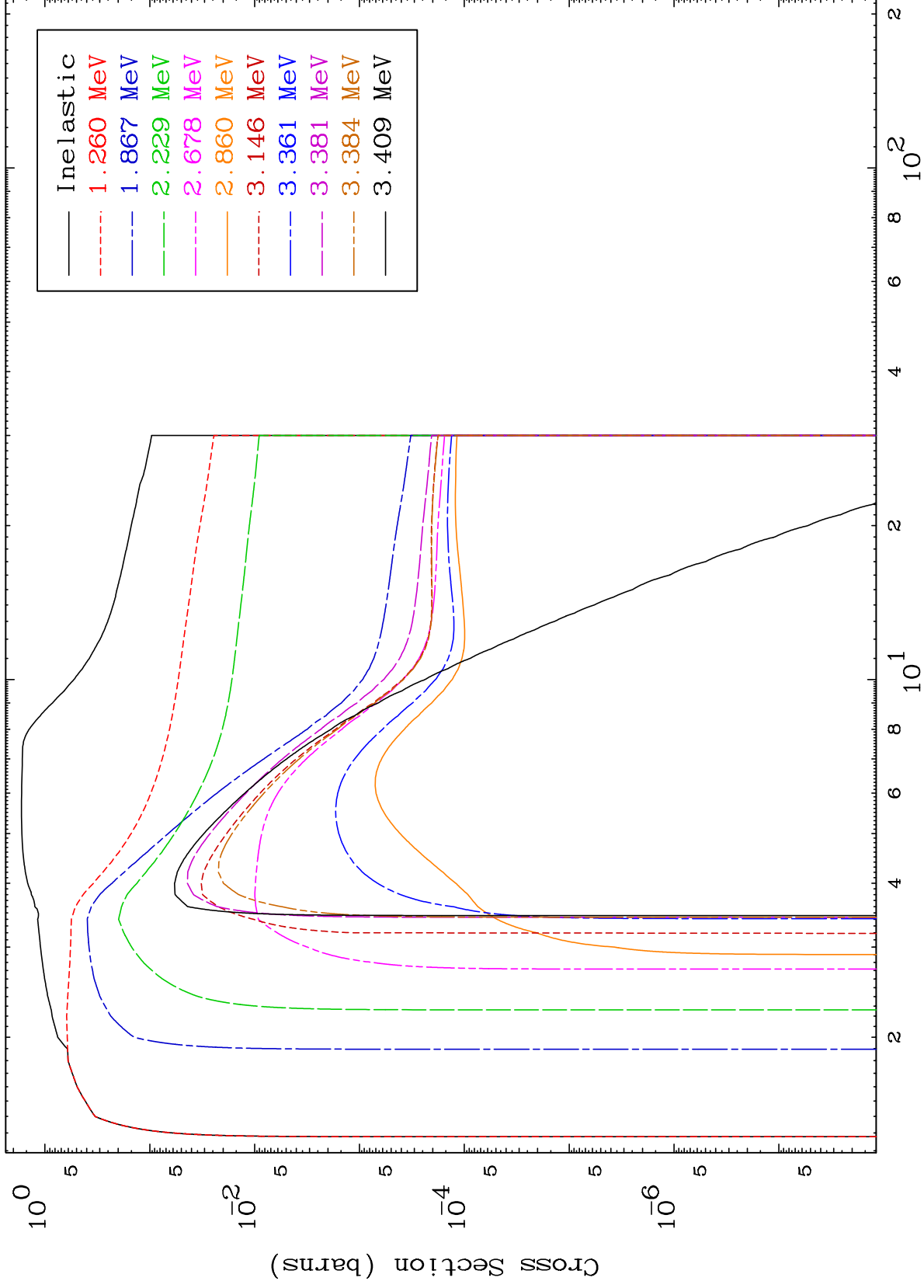
Incident Energy (MeV)

28-Ni-70

MAT 2861

(n,n') Level
293 Kelvin Cross Sections

28-Ni-70



6

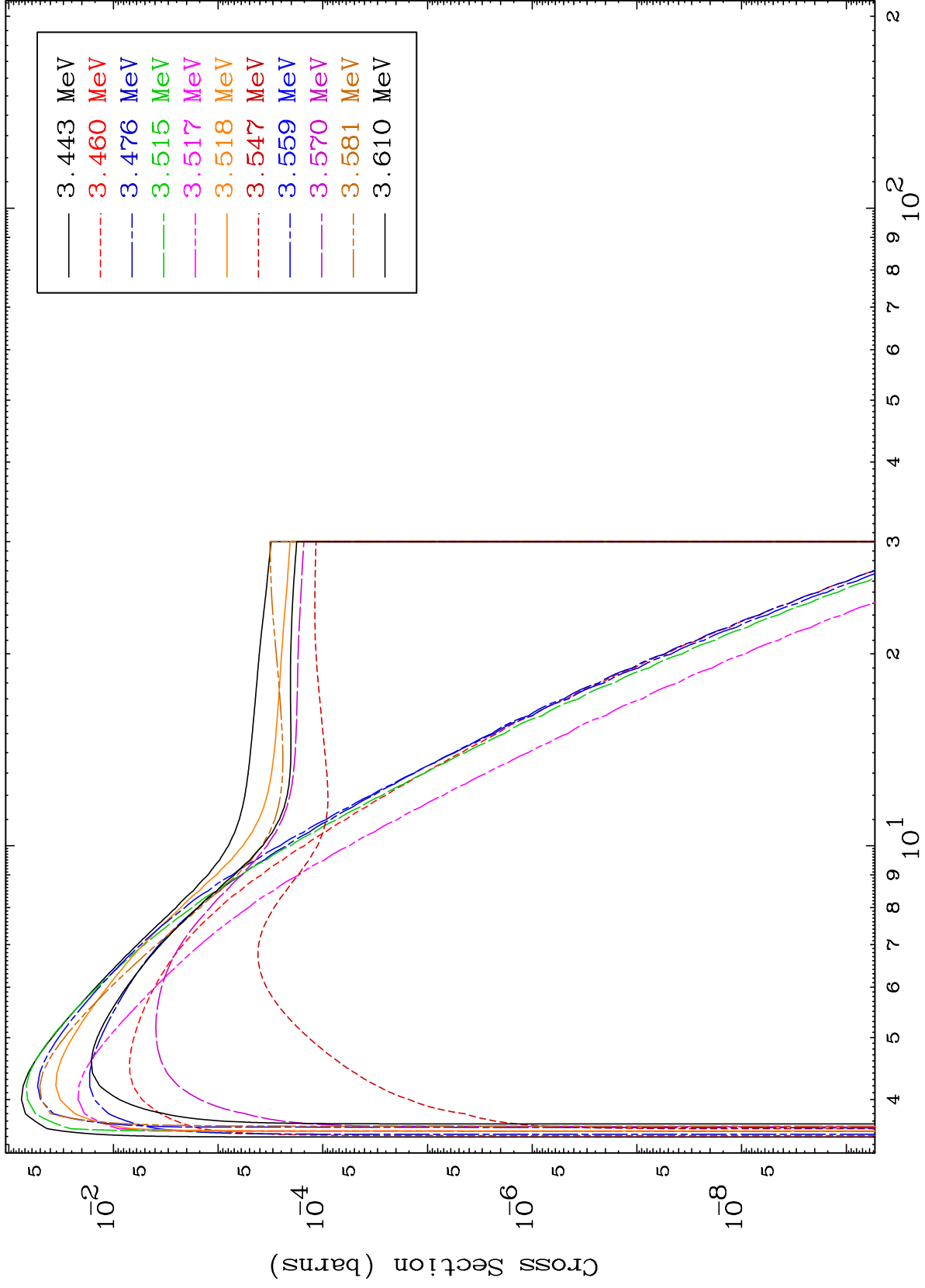
Incident Energy (MeV)

28-Ni-70

MAT 2861

(n,n') Level
293 Kelvin Cross Sections

28-Ni-70



7

Incident Energy (MeV)

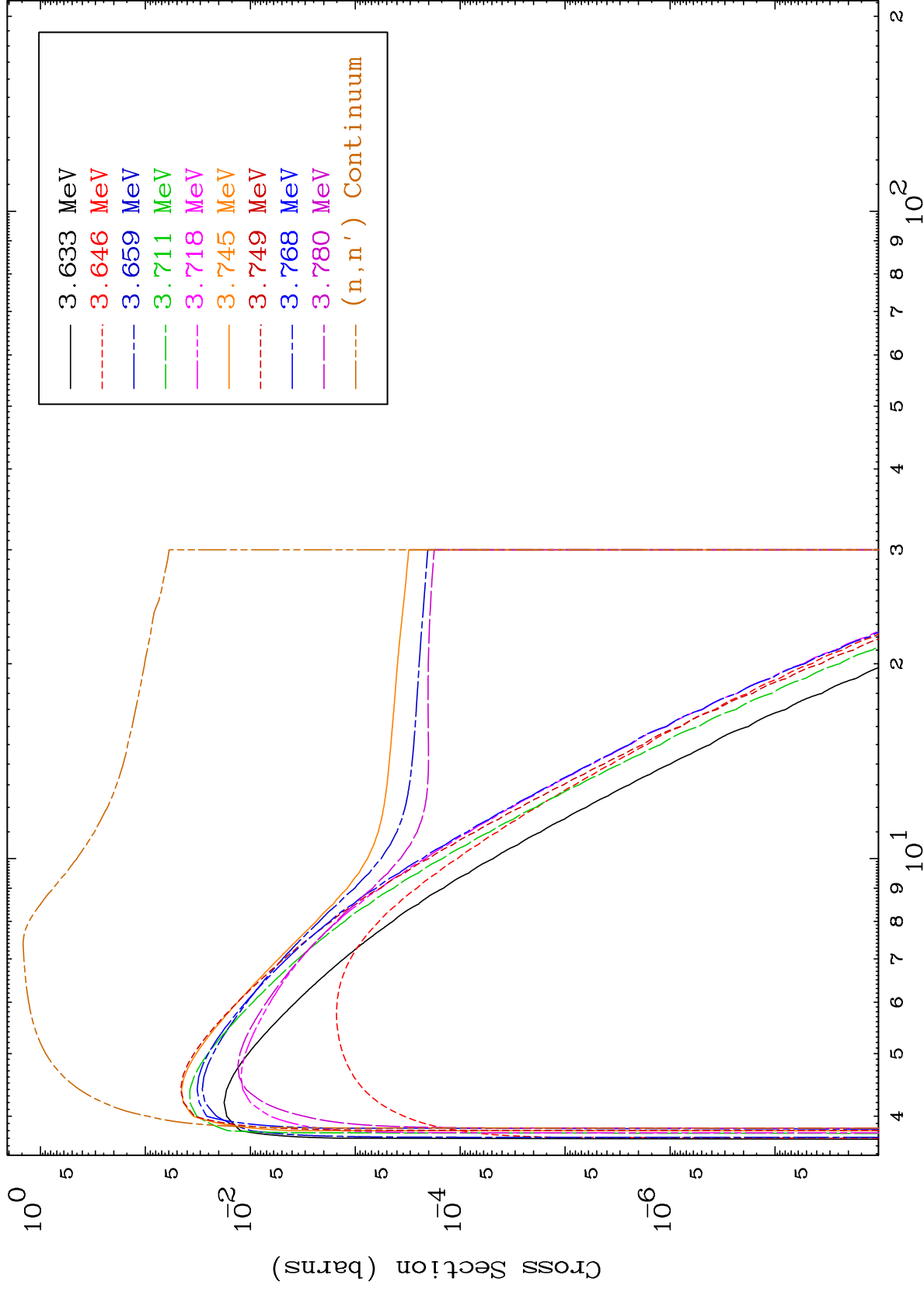
28-Ni-70

MAT 2861

(n,n') Level

28-Ni-70

293 Kelvin Cross Sections



8

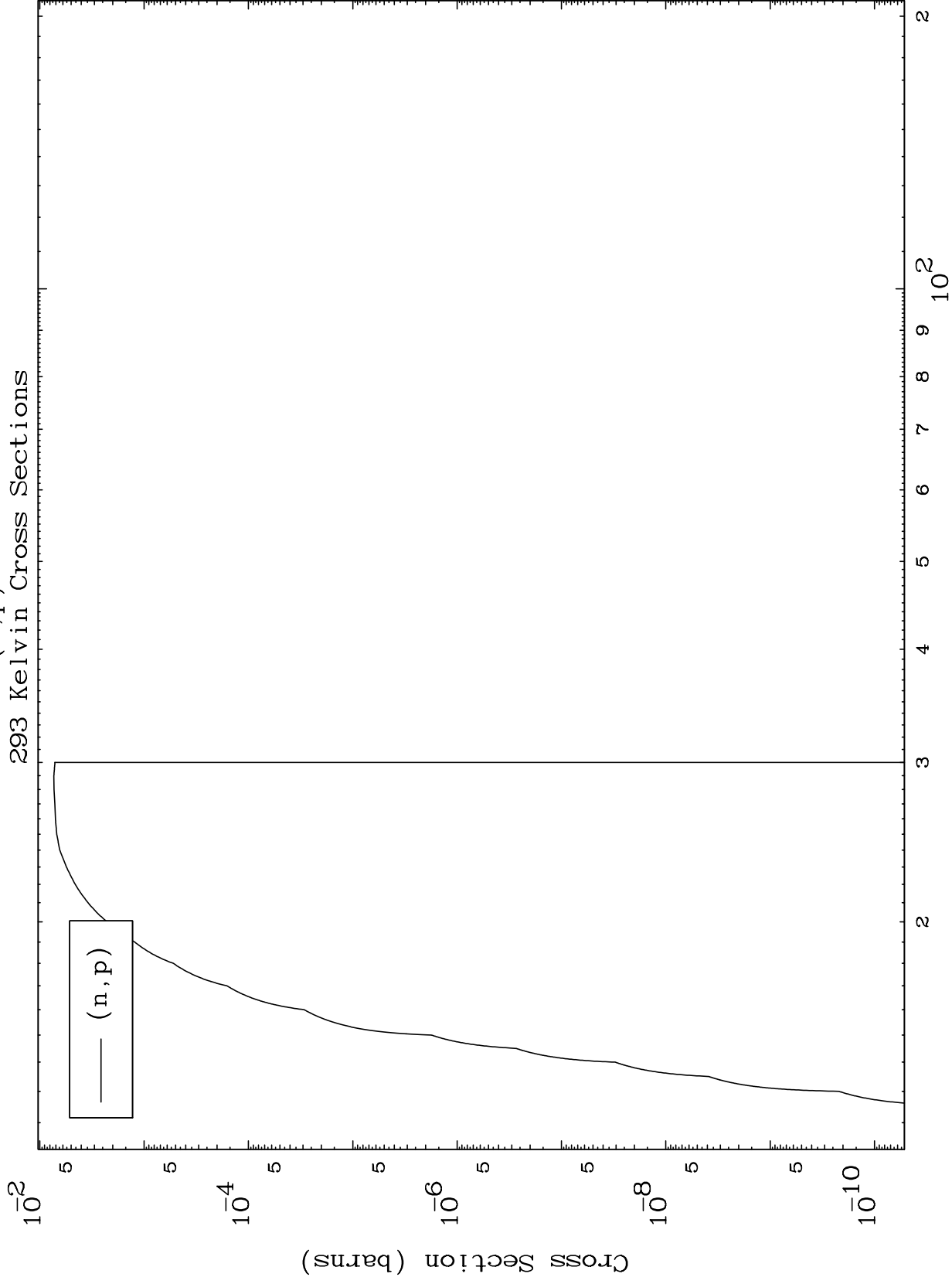
Incident Energy (MeV)

28-Ni-70

MAT 2861

(n,p) Levels
293 Kelvin Cross Sections

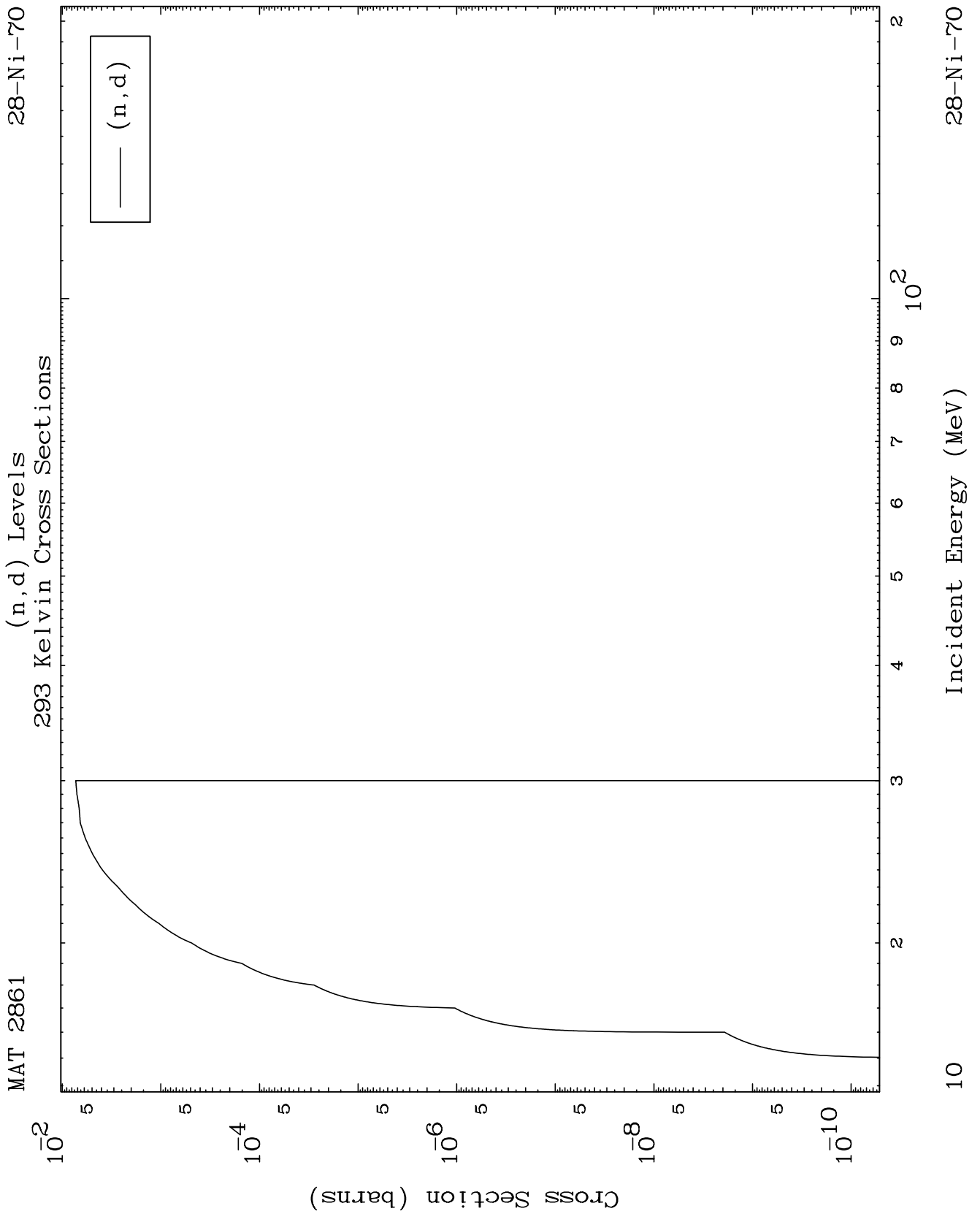
28-Ni-70



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Incident Energy (MeV)

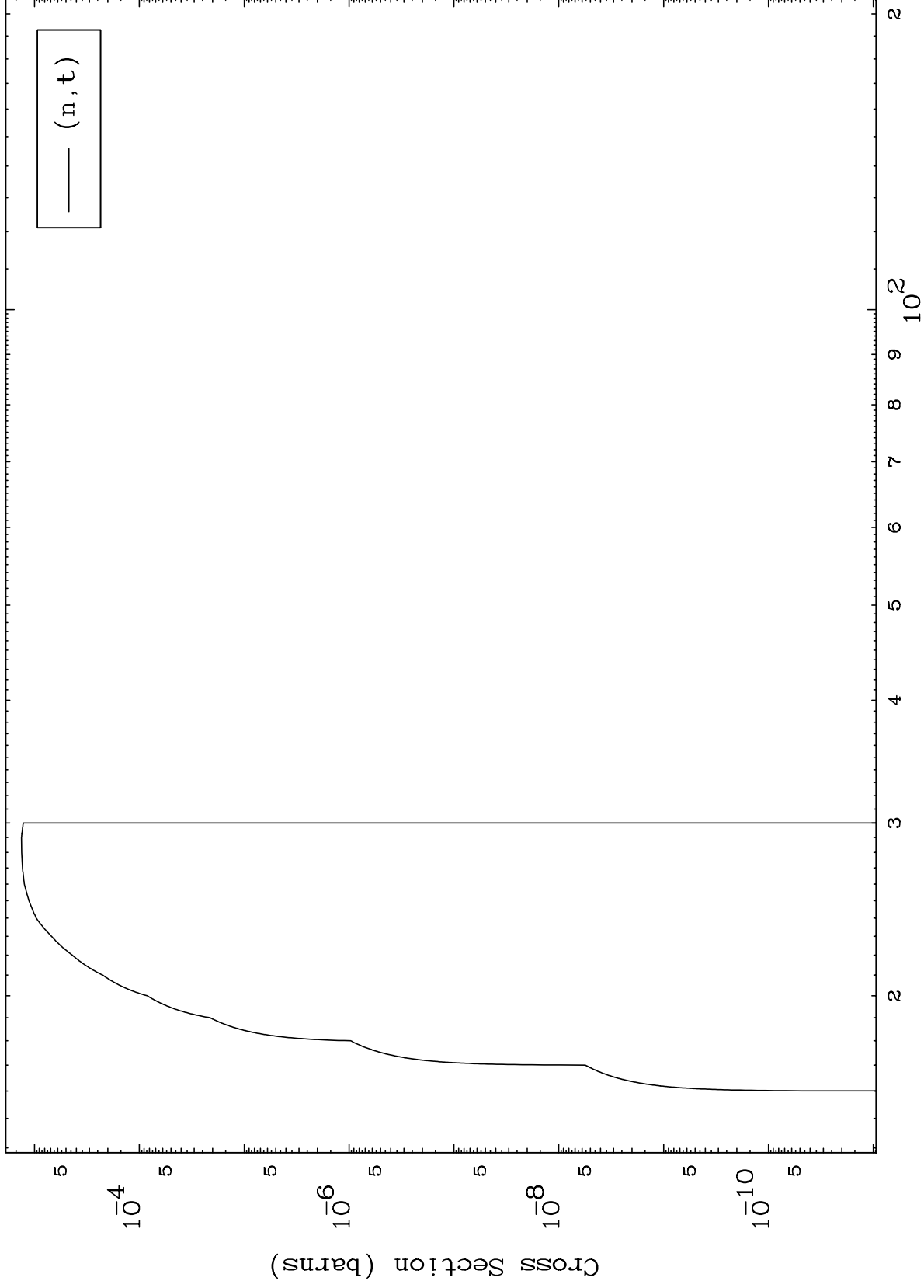
28-Ni-70



MAT 2861

(n,t) Levels
293 Kelvin Cross Sections

28-Ni-70



11

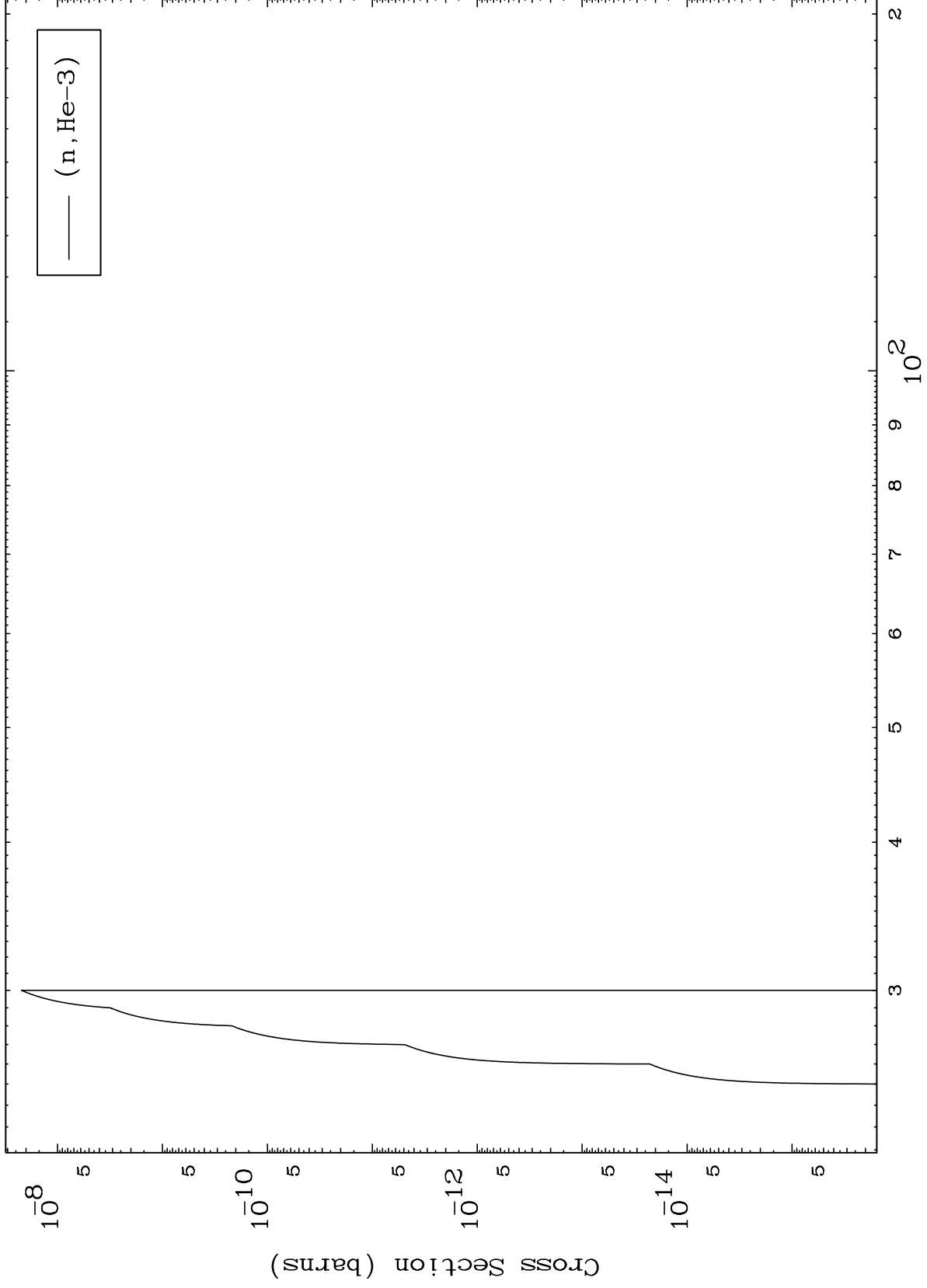
Incident Energy (MeV)

28-Ni-70

MAT 2861

(n,He3) Levels
293 Kelvin Cross Sections

28-Ni-70



12

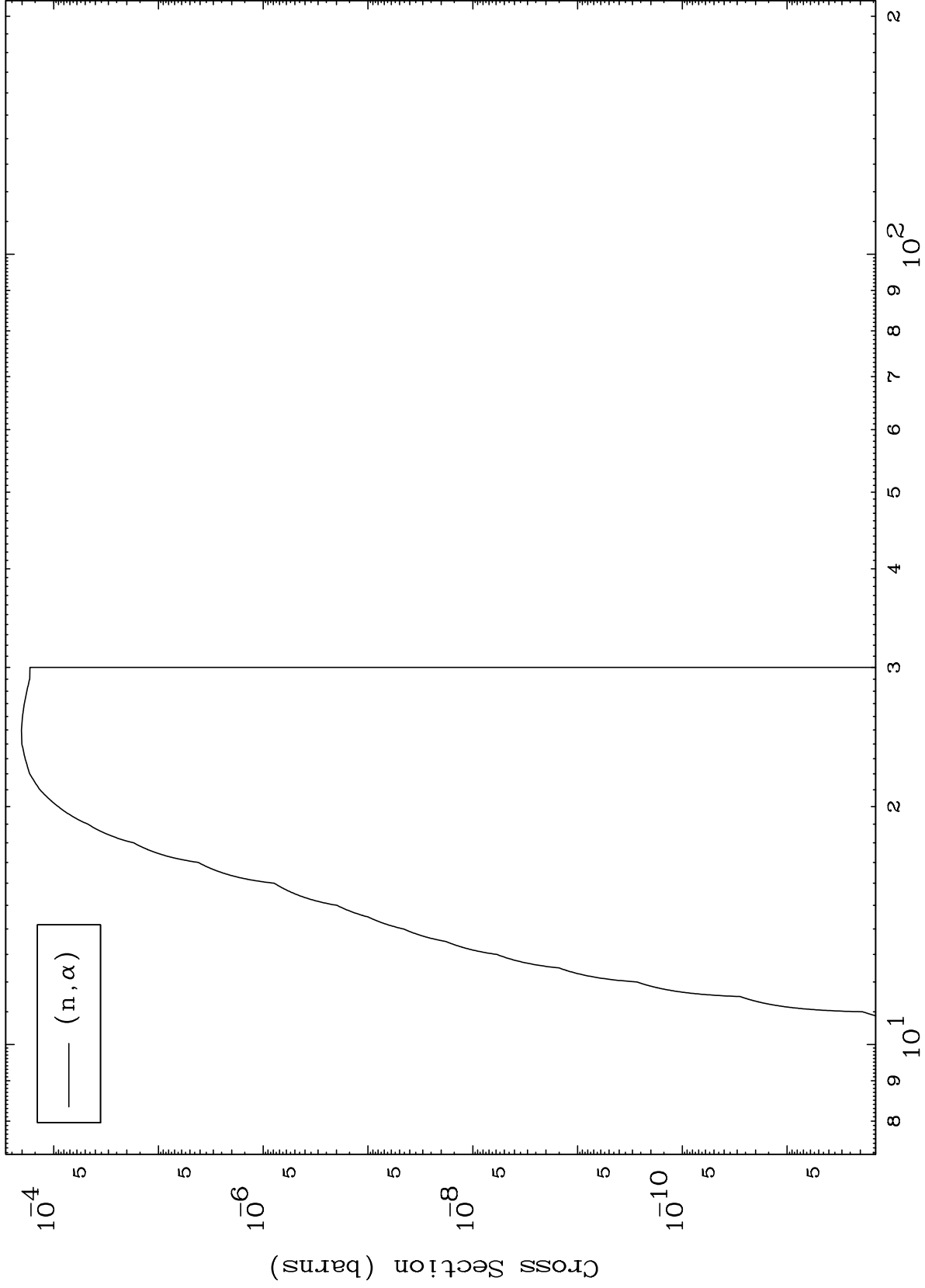
Incident Energy (MeV)

28-Ni-70

MAT 2861

(n,α) Levels
293 Kelvin Cross Sections

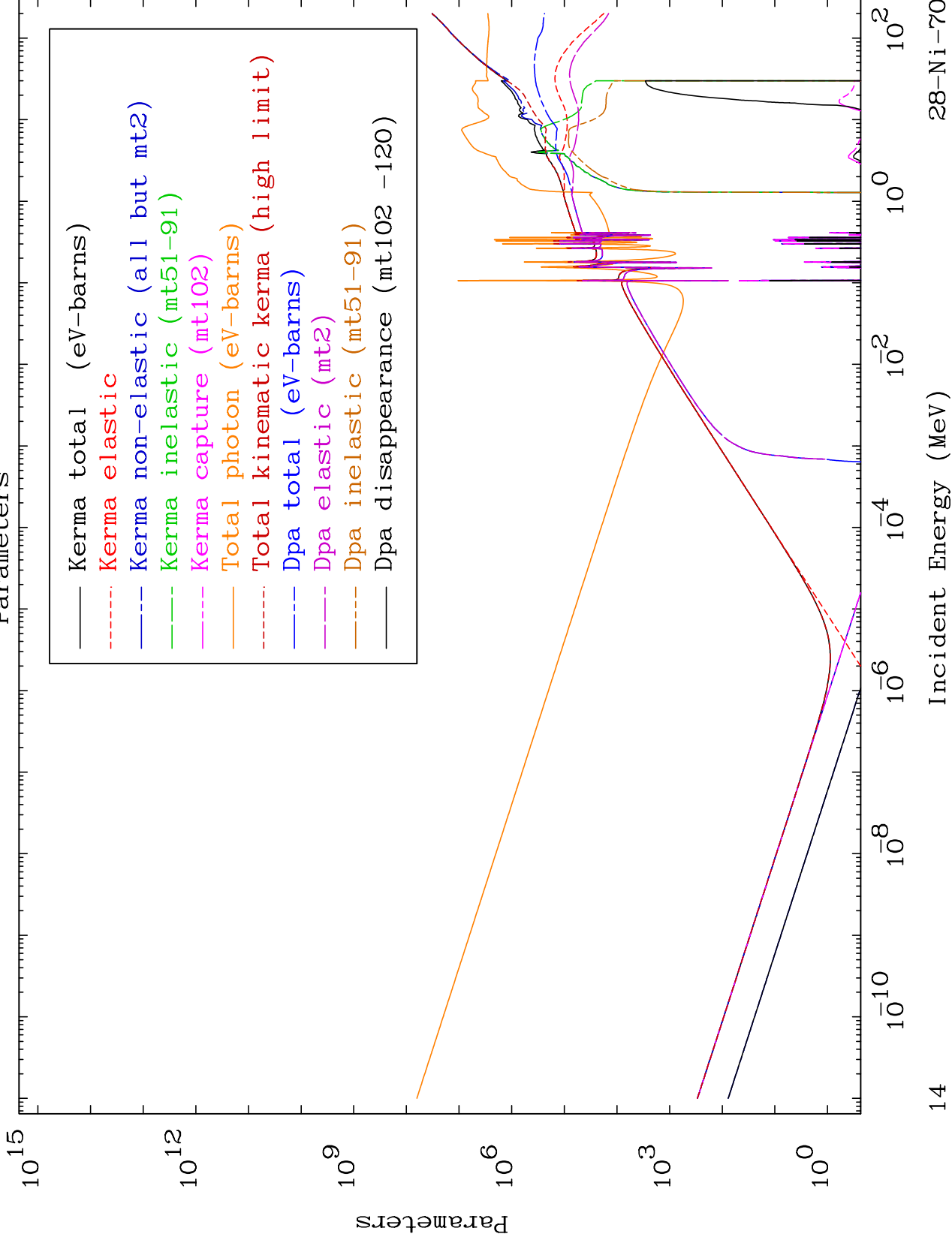
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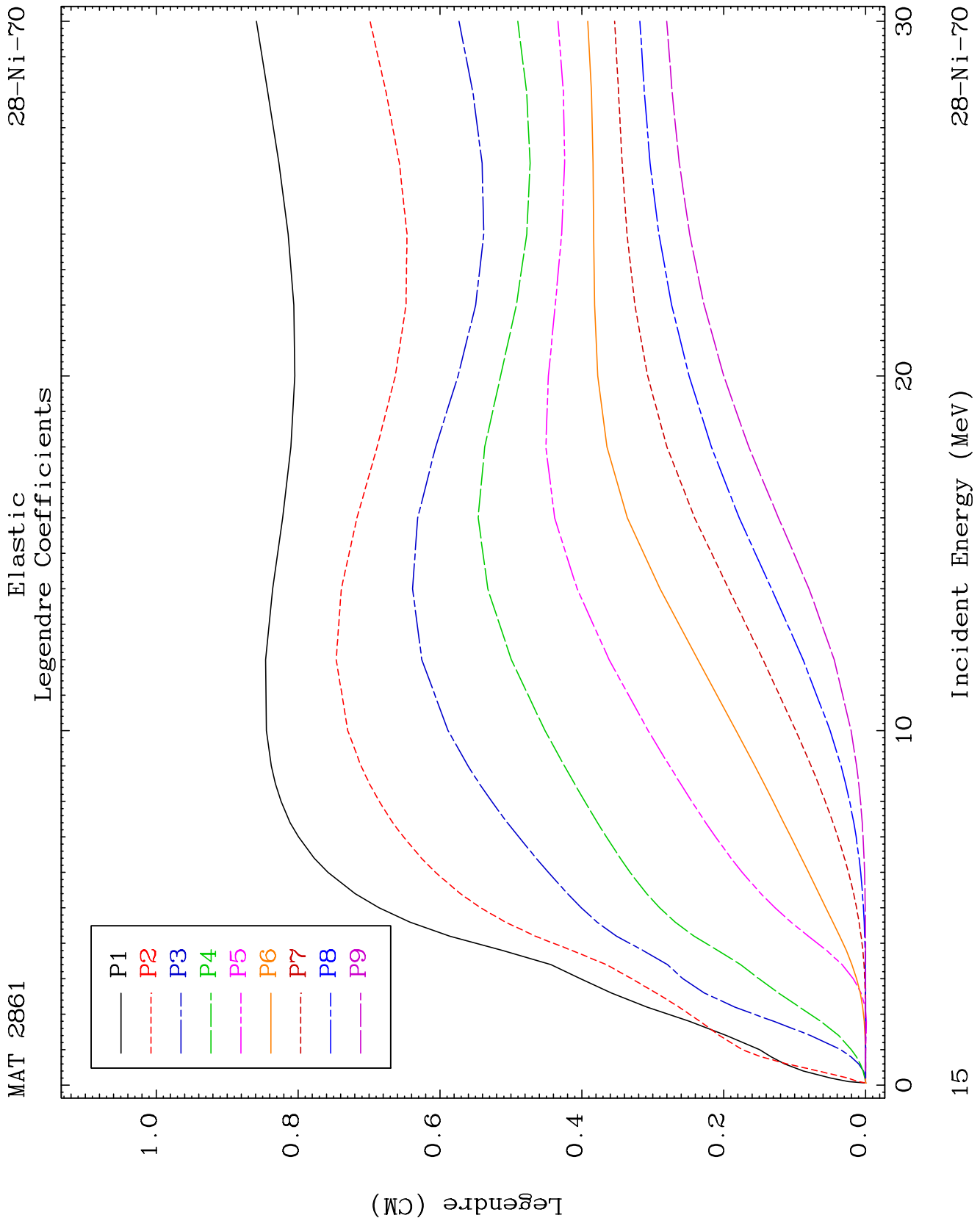


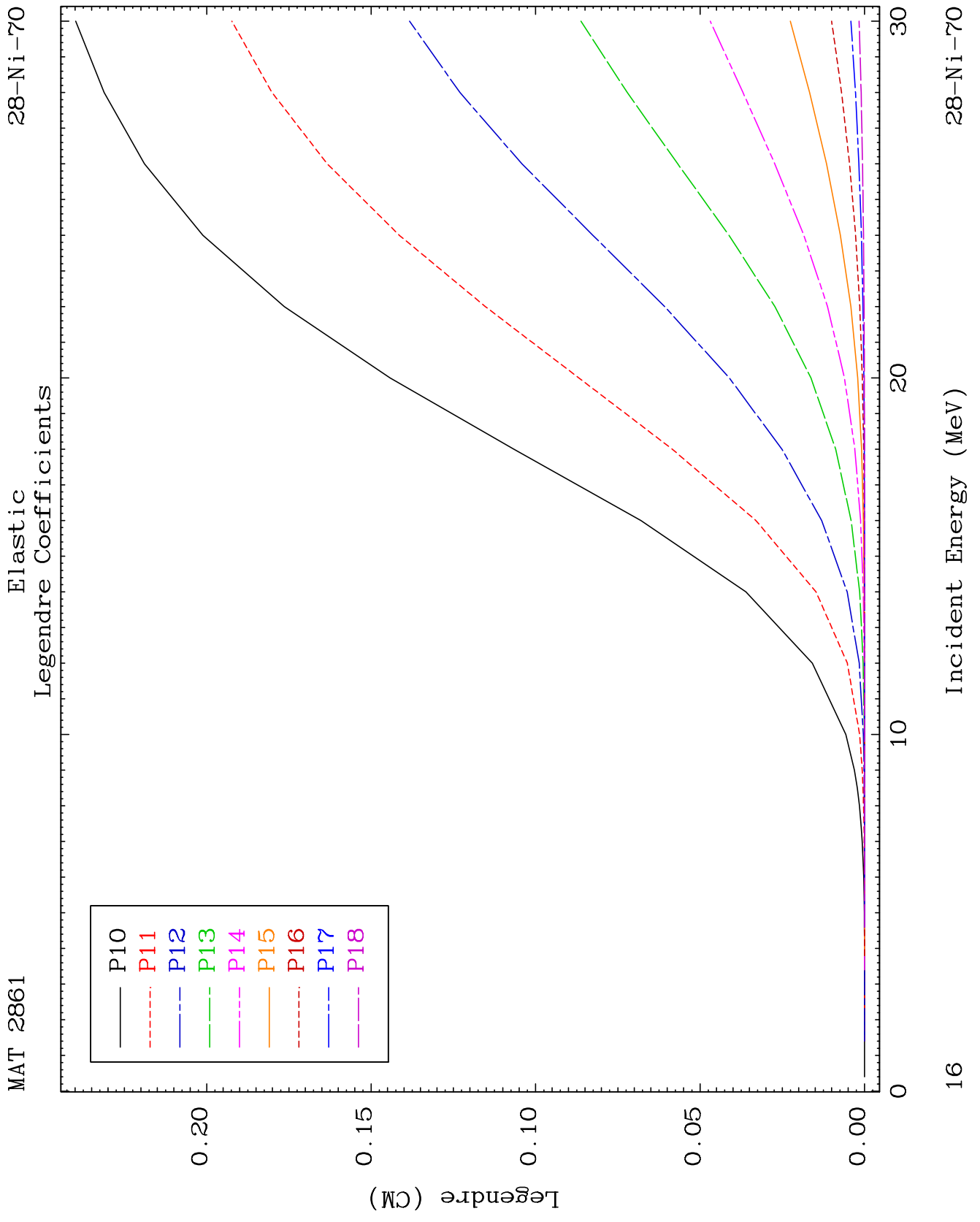
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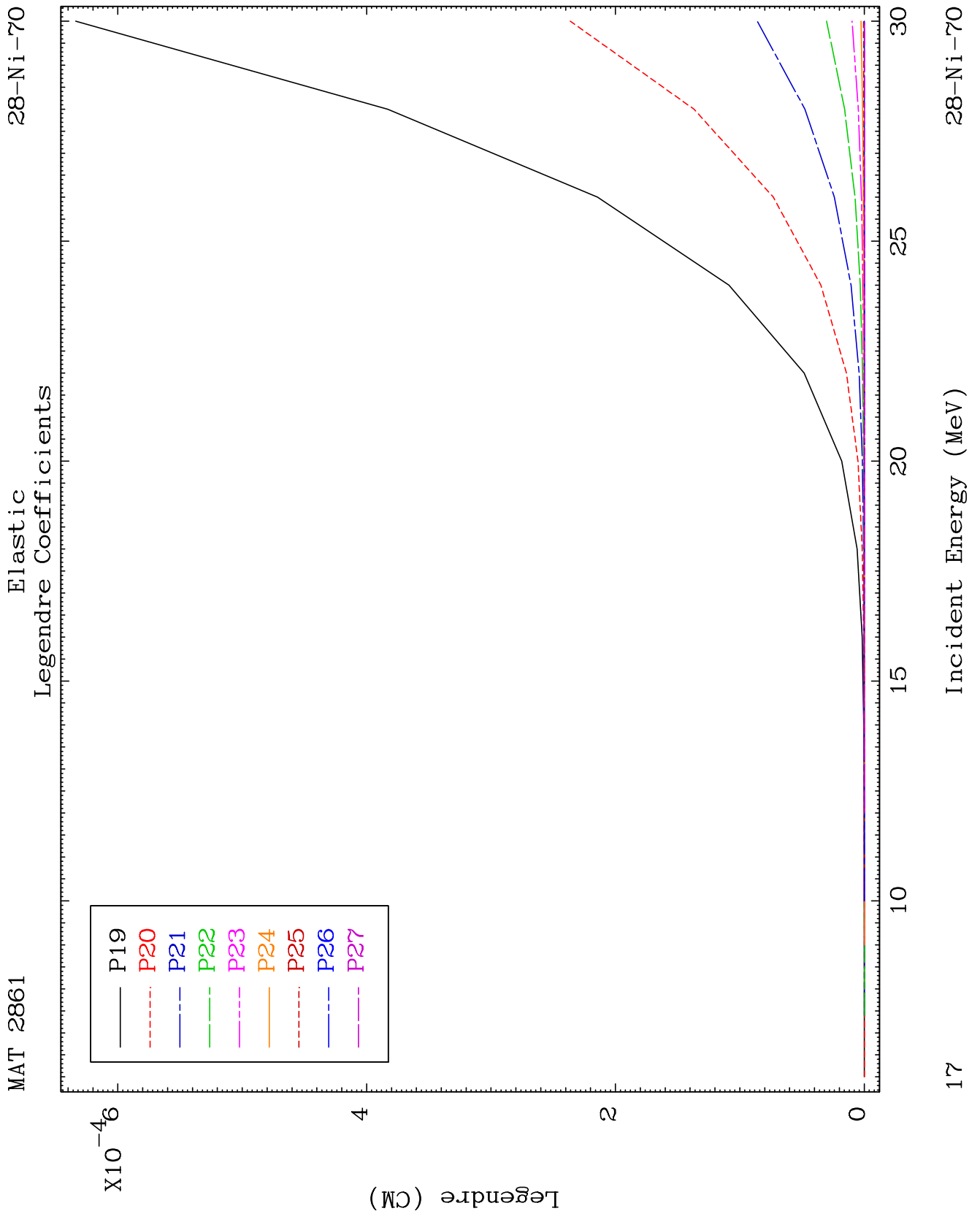
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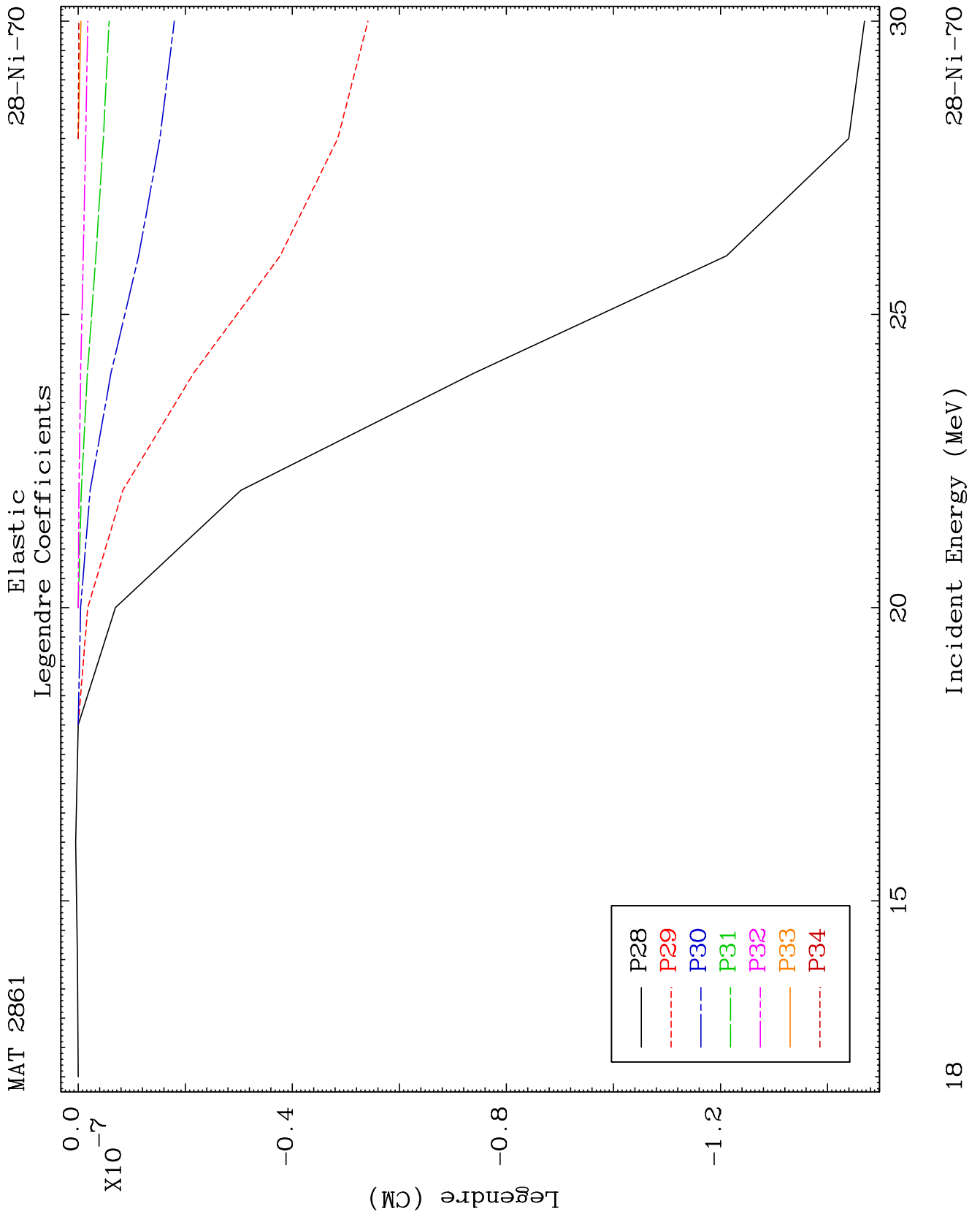
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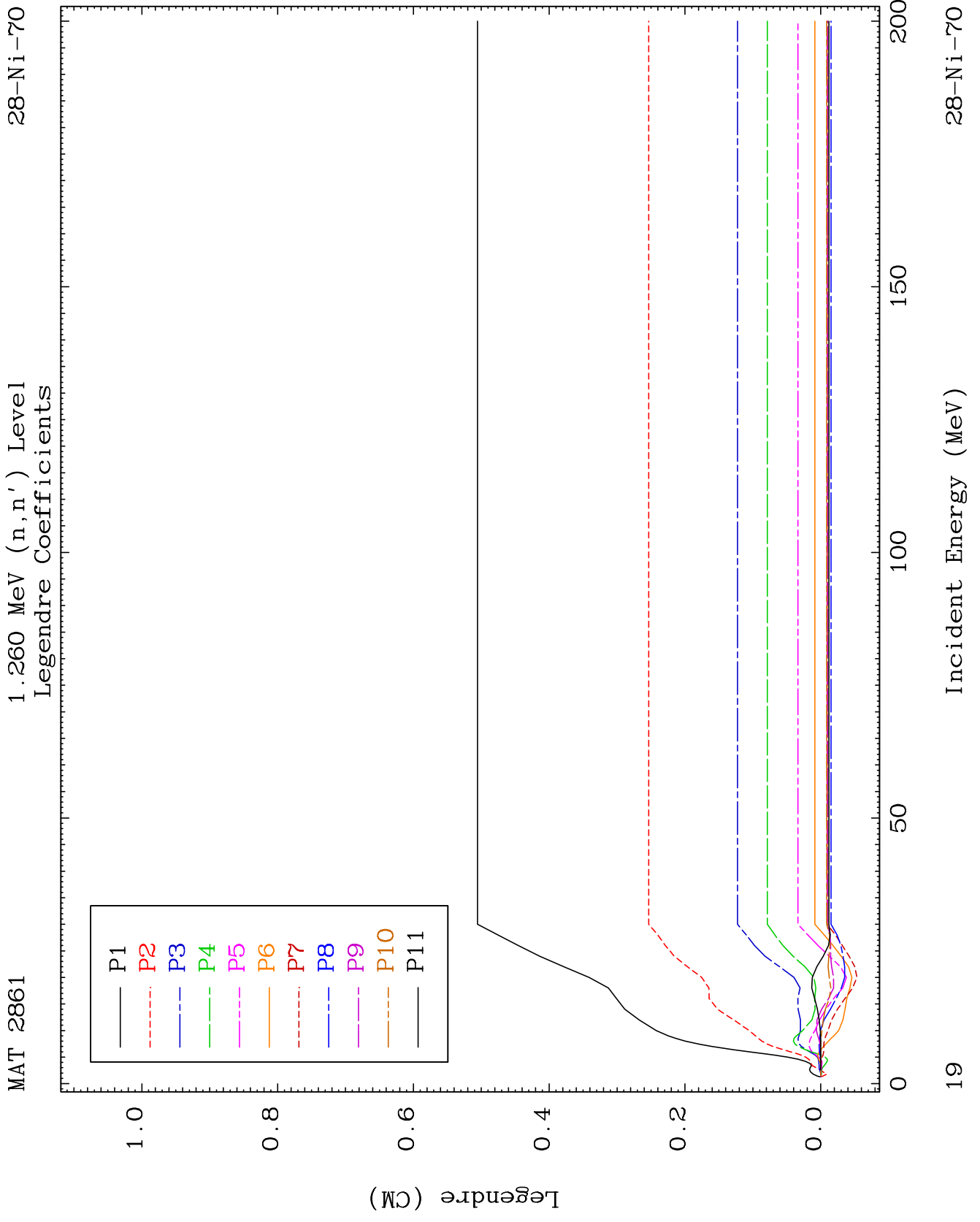


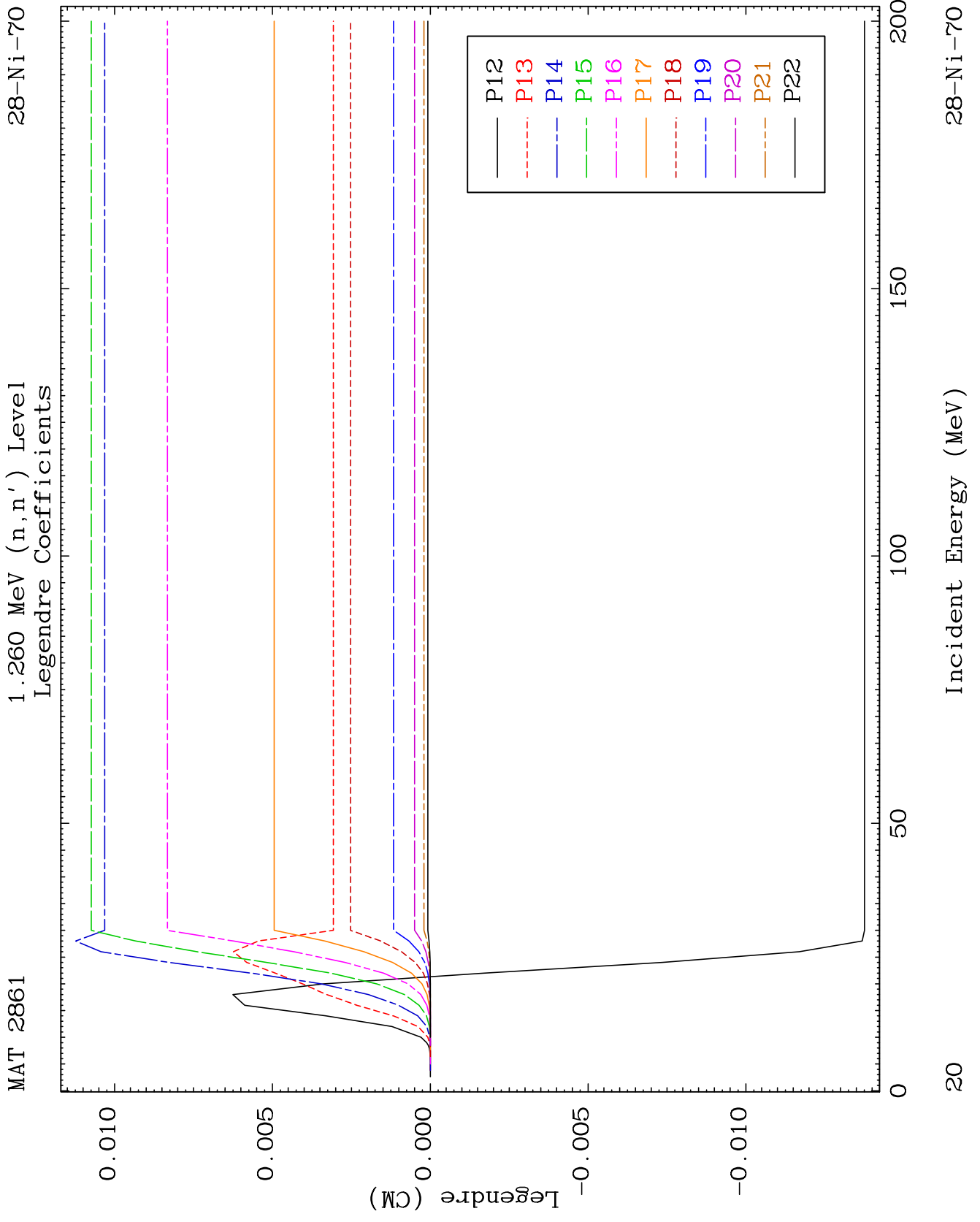


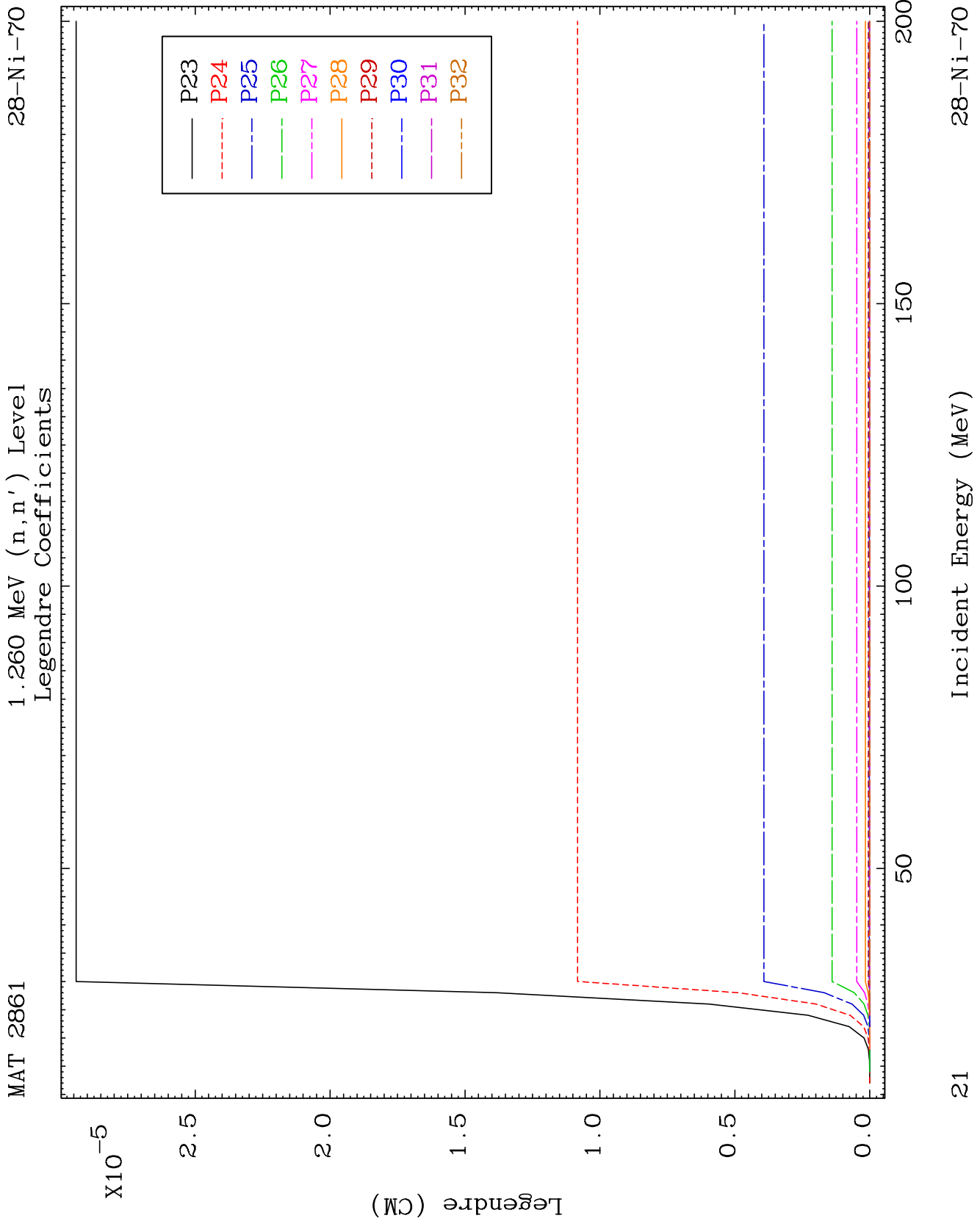


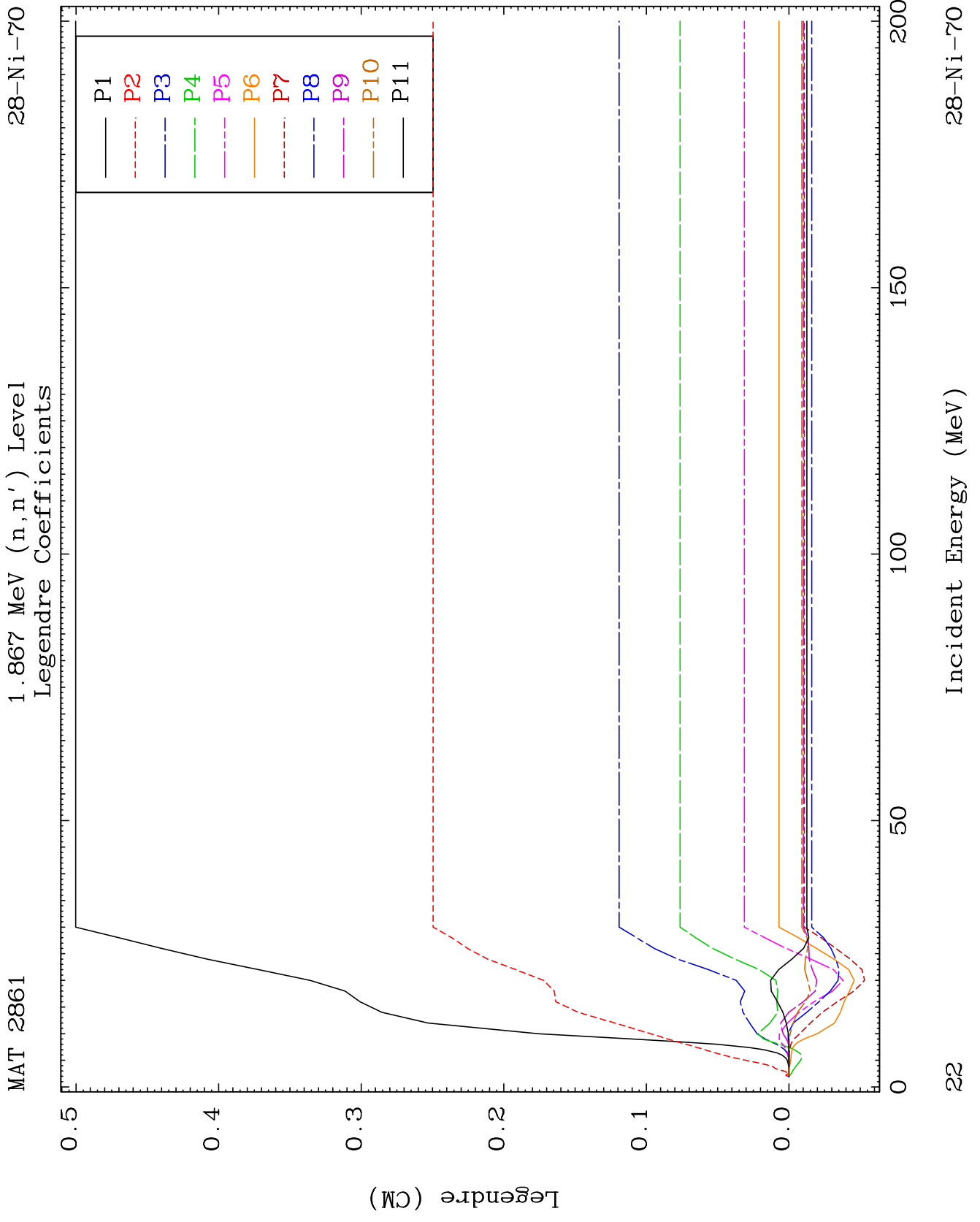


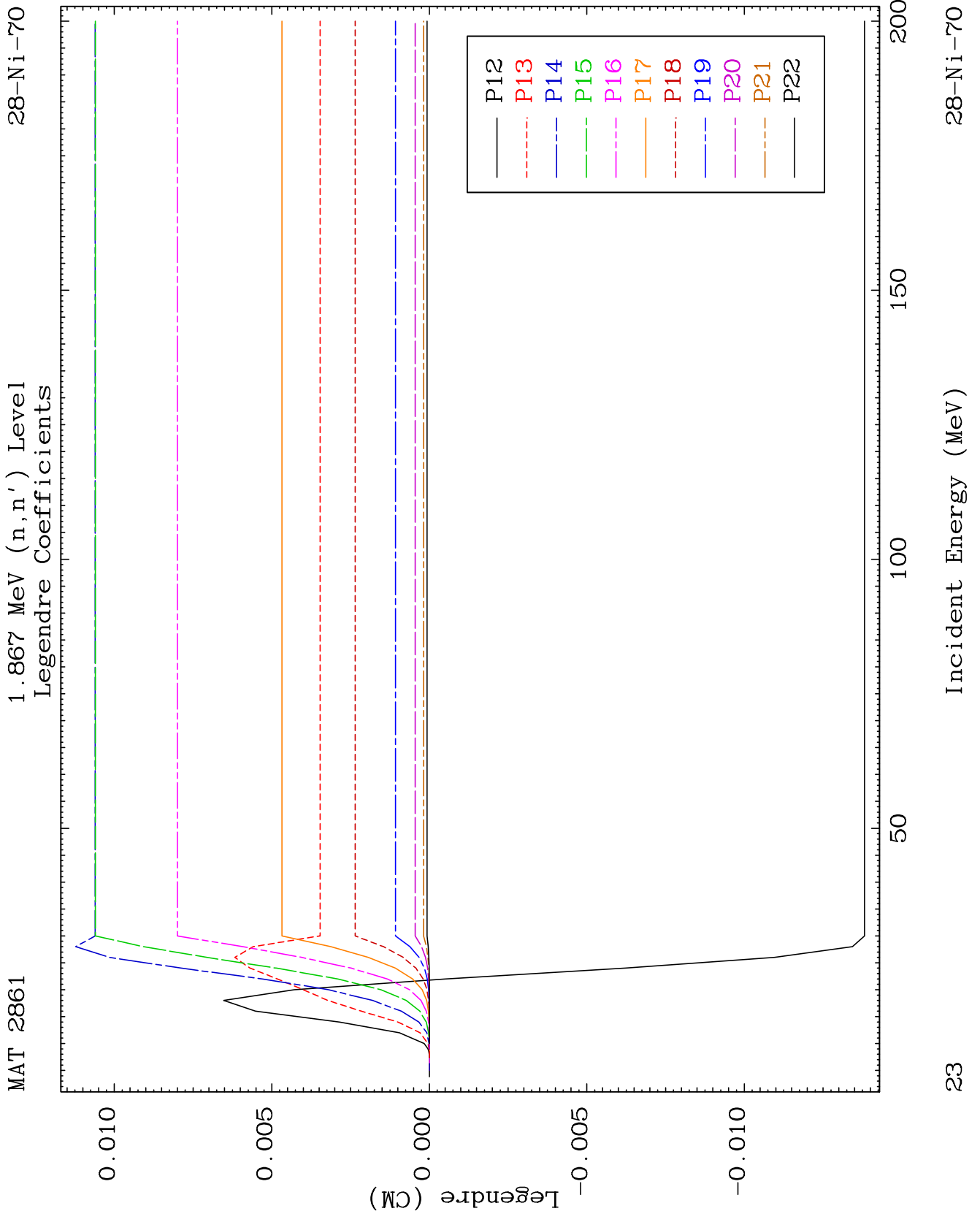


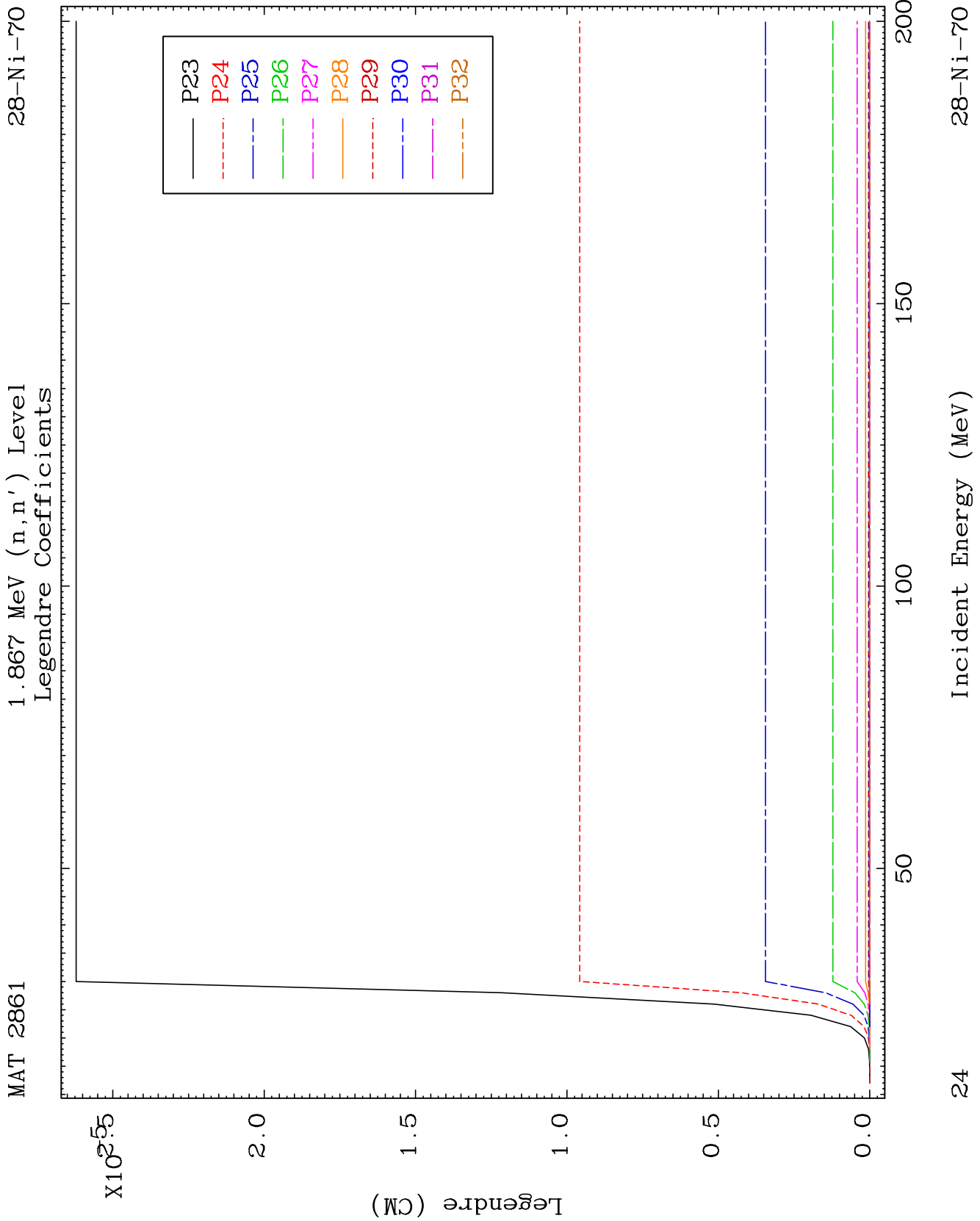


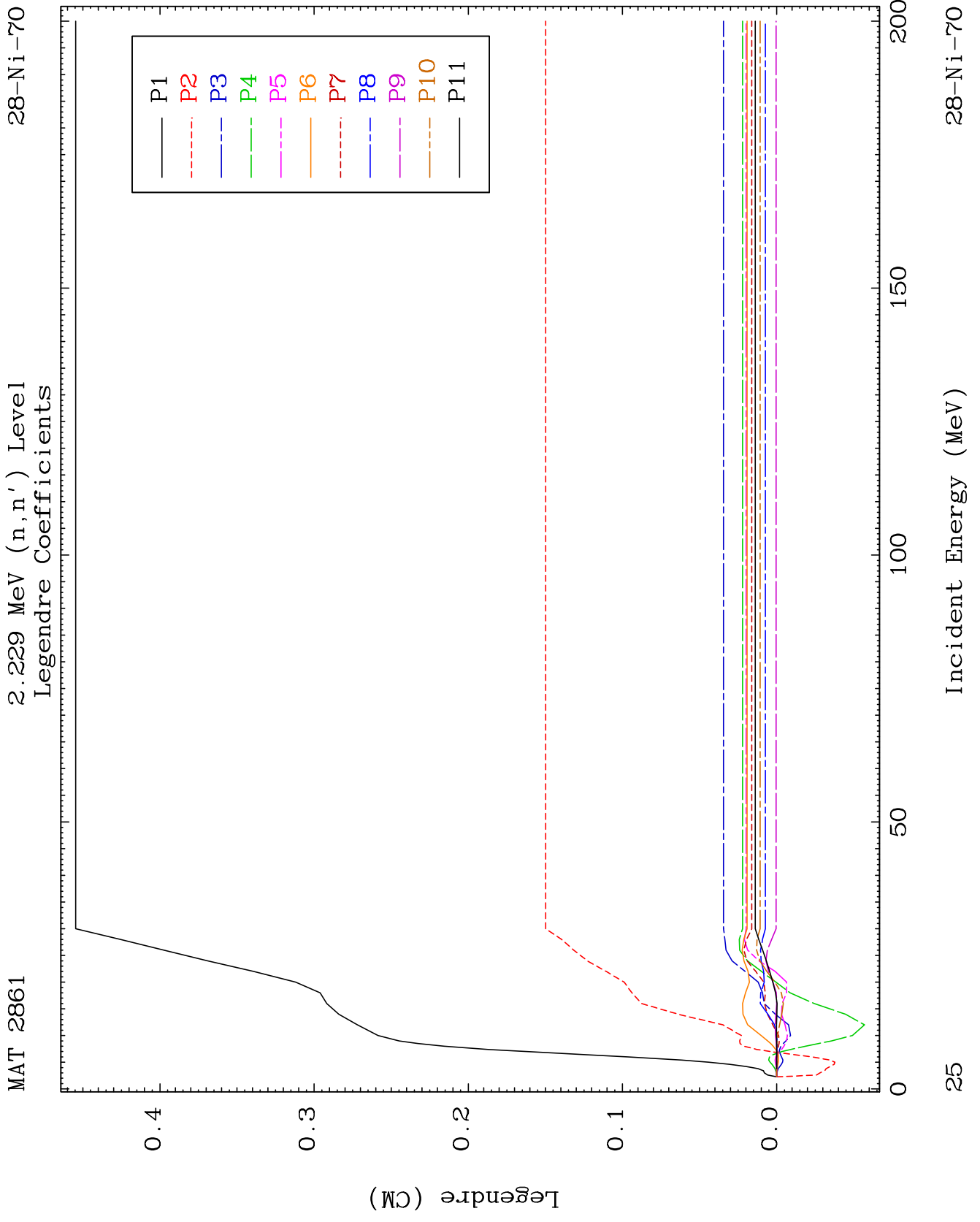








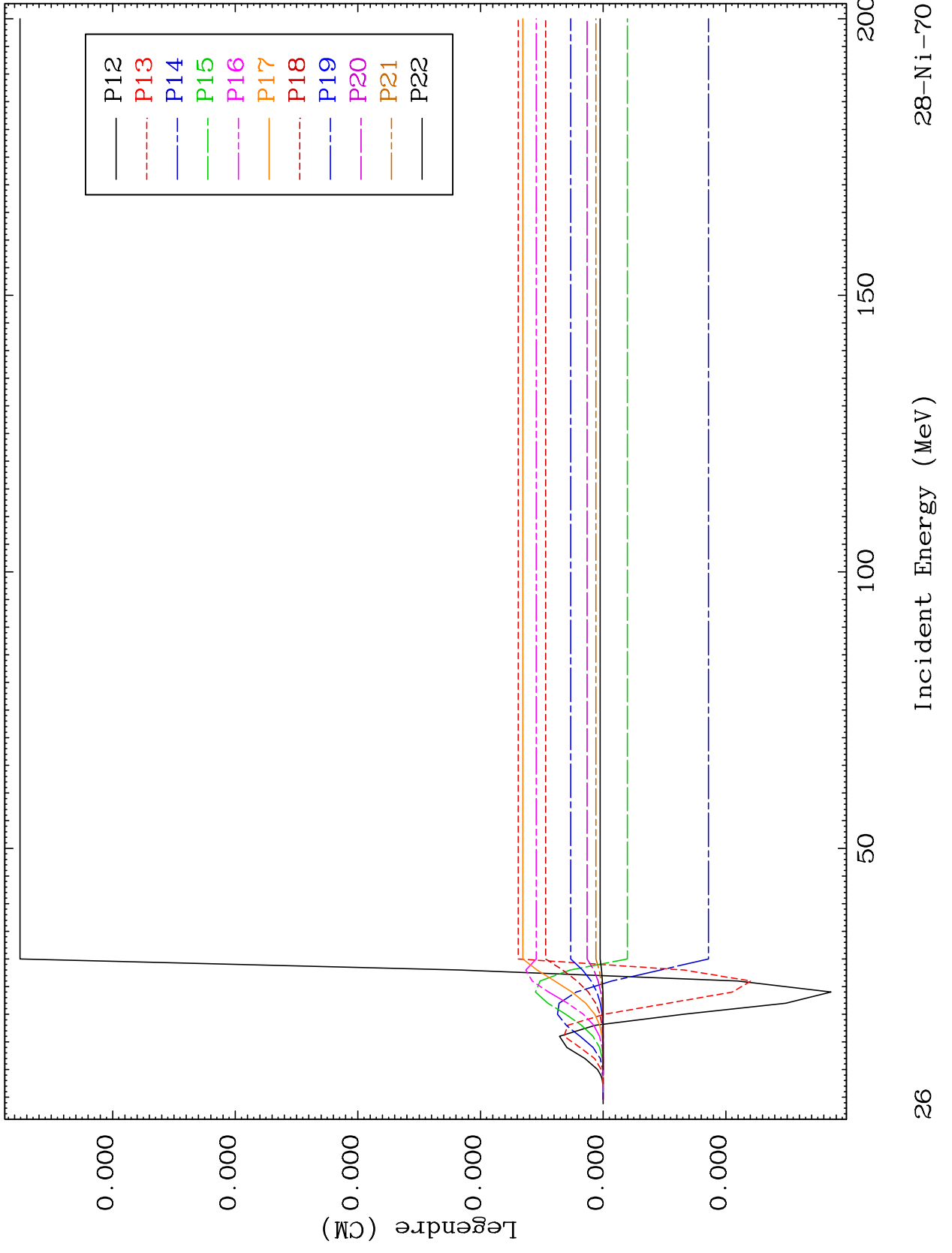


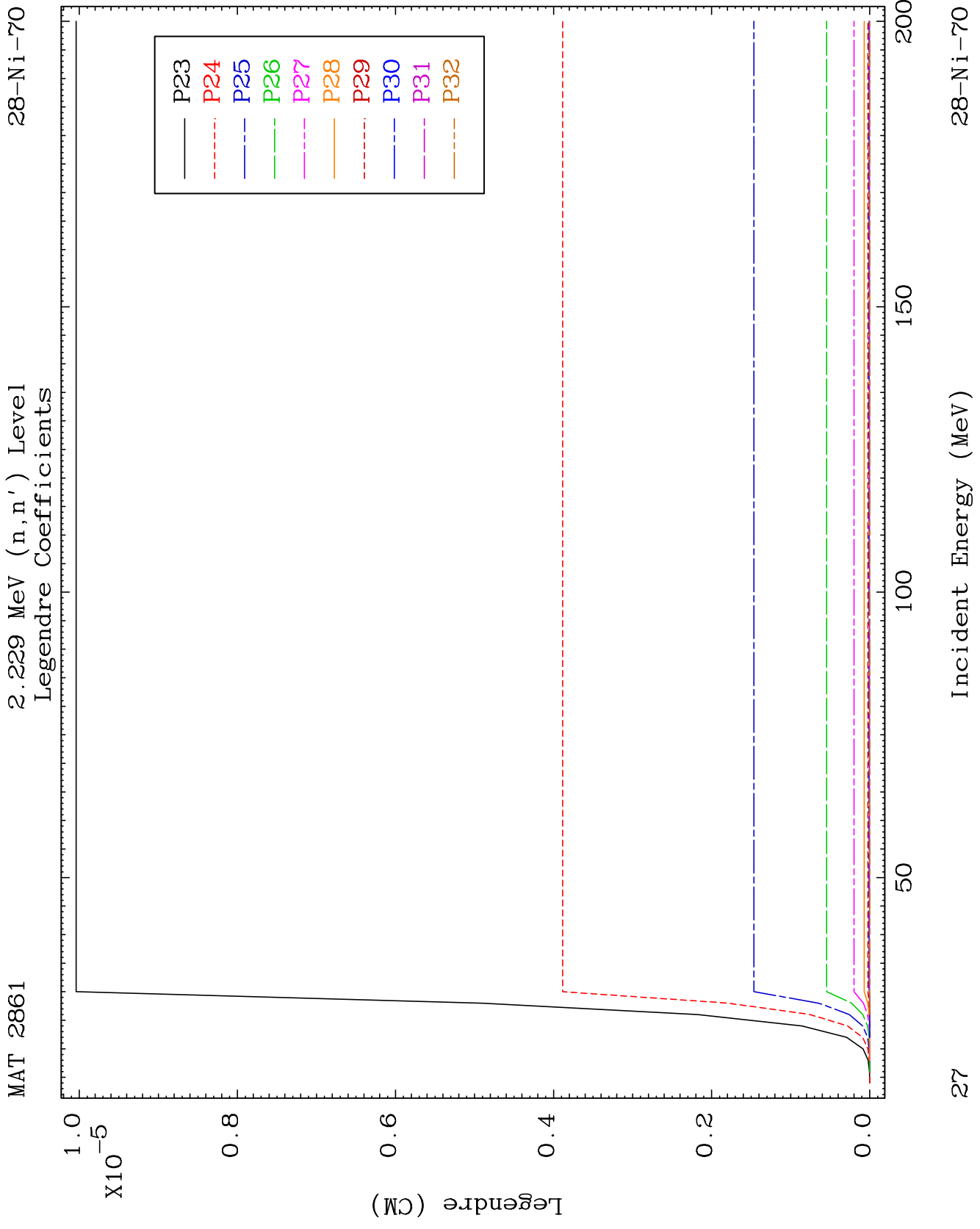


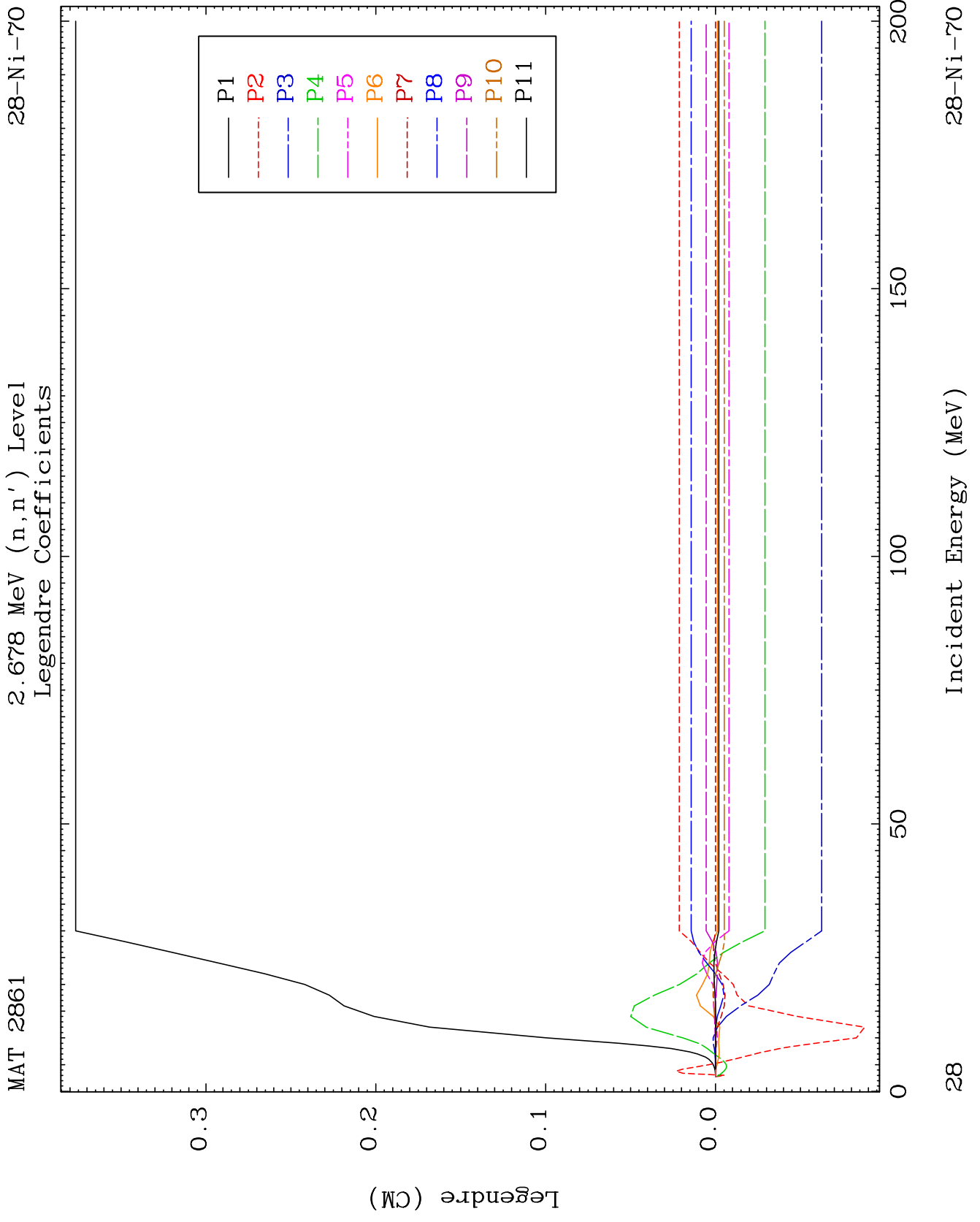
MAT 2861

2.229 MeV (n,n') Level
Legendre Coefficients

28-Ni-70



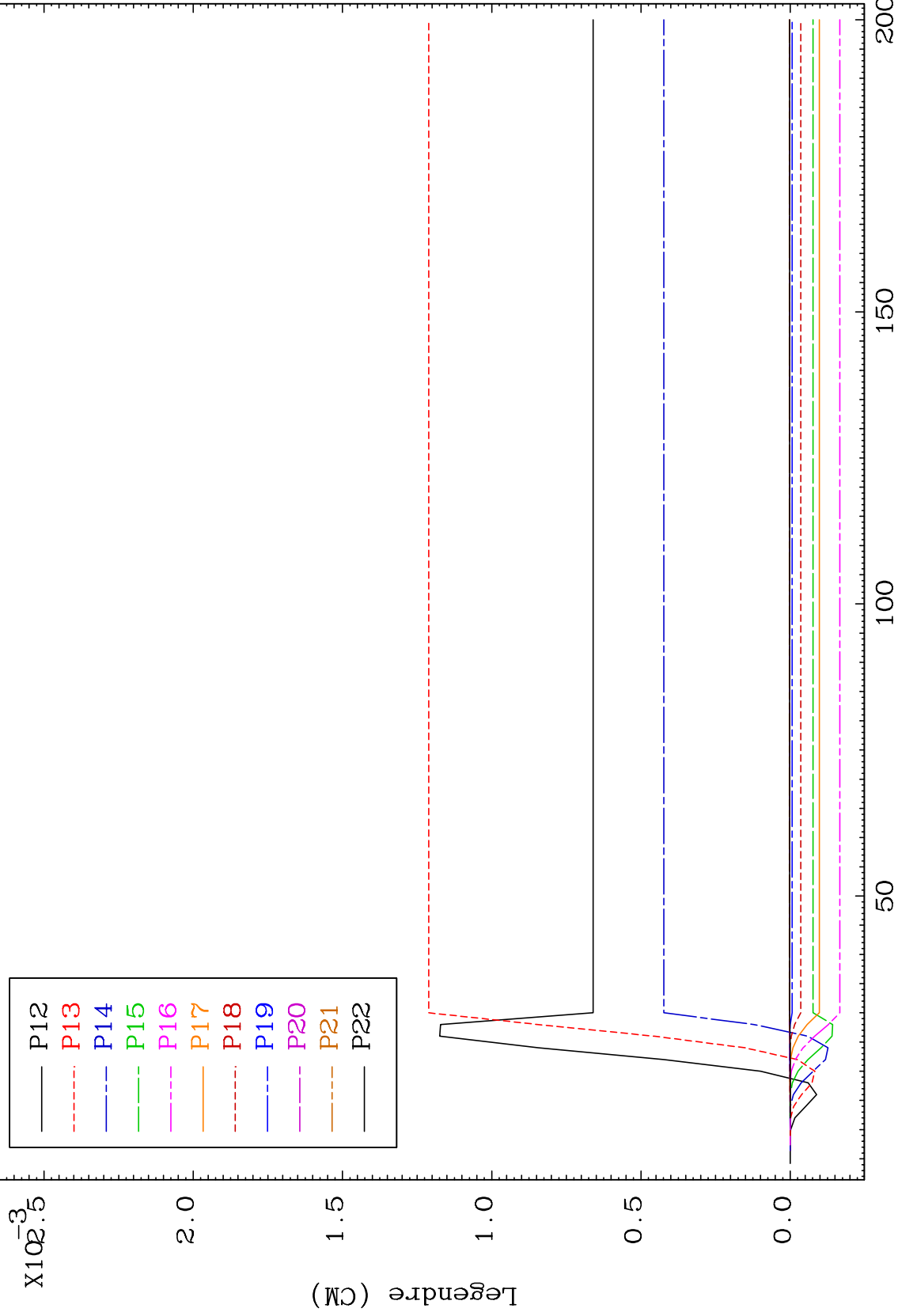
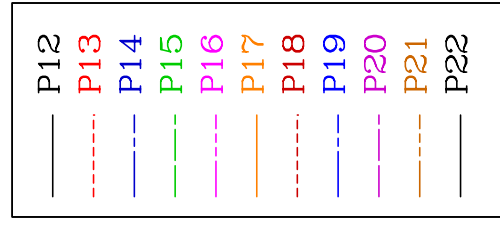




MAT 2861

2.678 MeV (n,n') Level
Legendre Coefficients

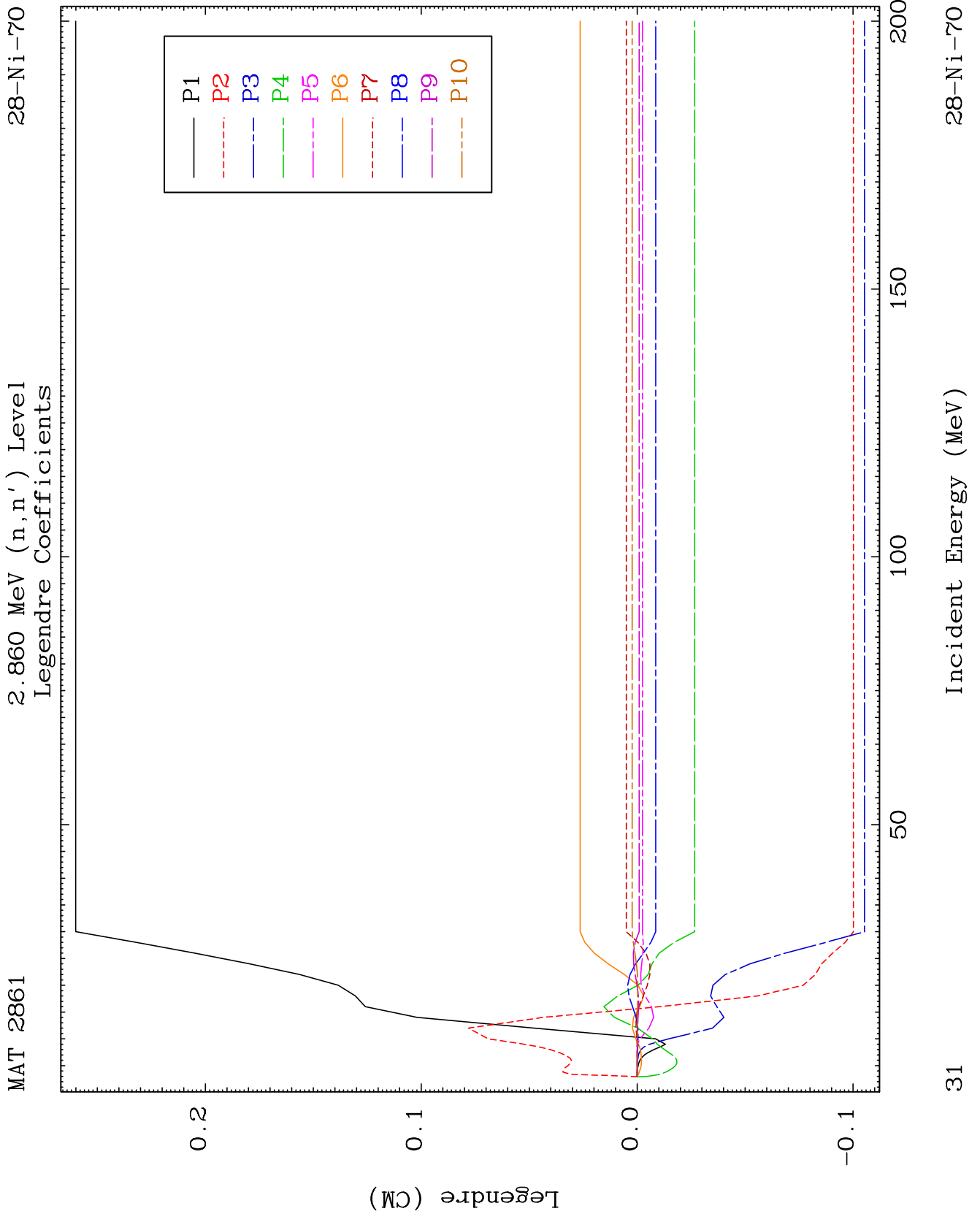
28-Ni-70



29

Incident Energy (MeV)

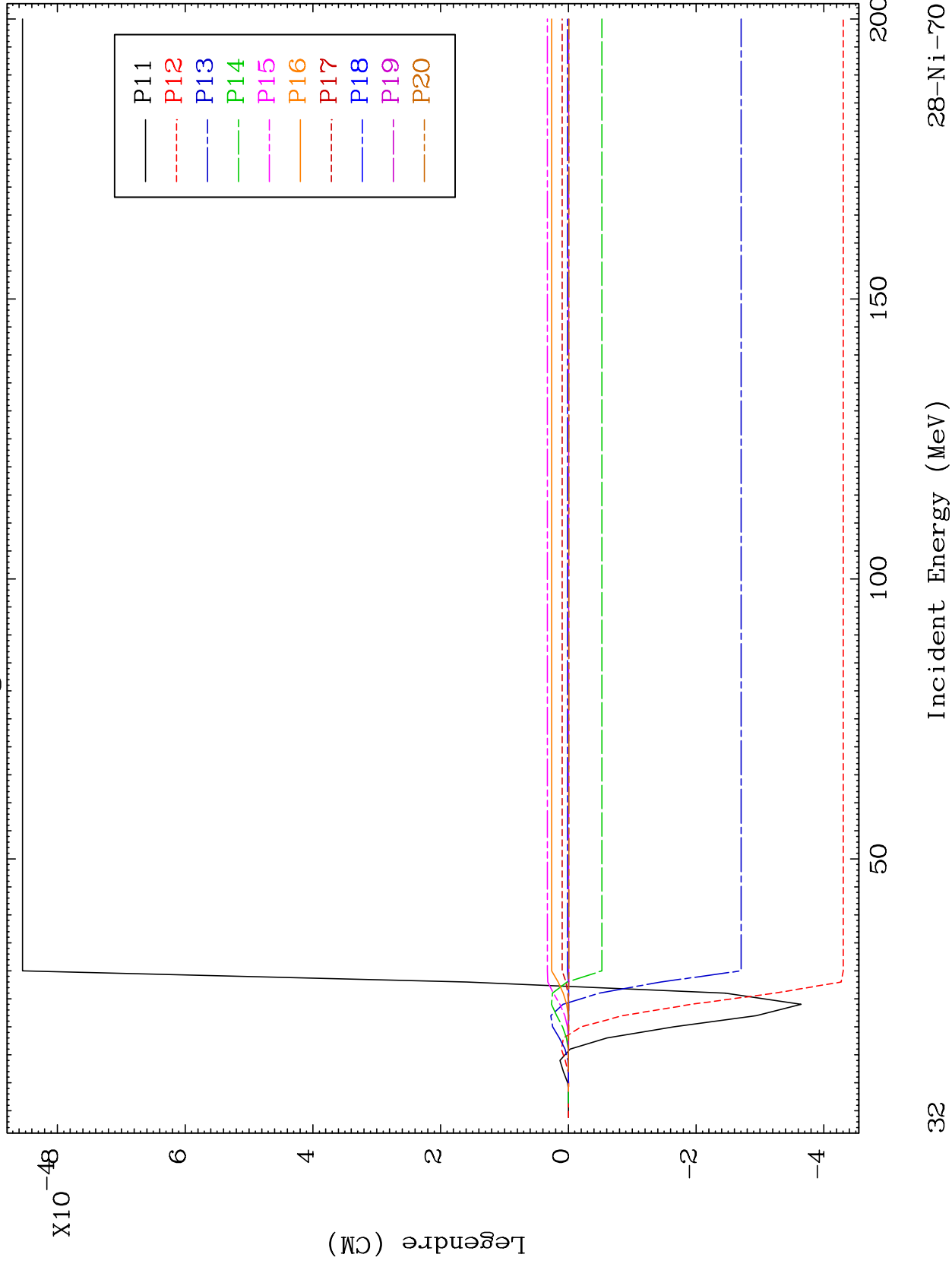
28-Ni-70



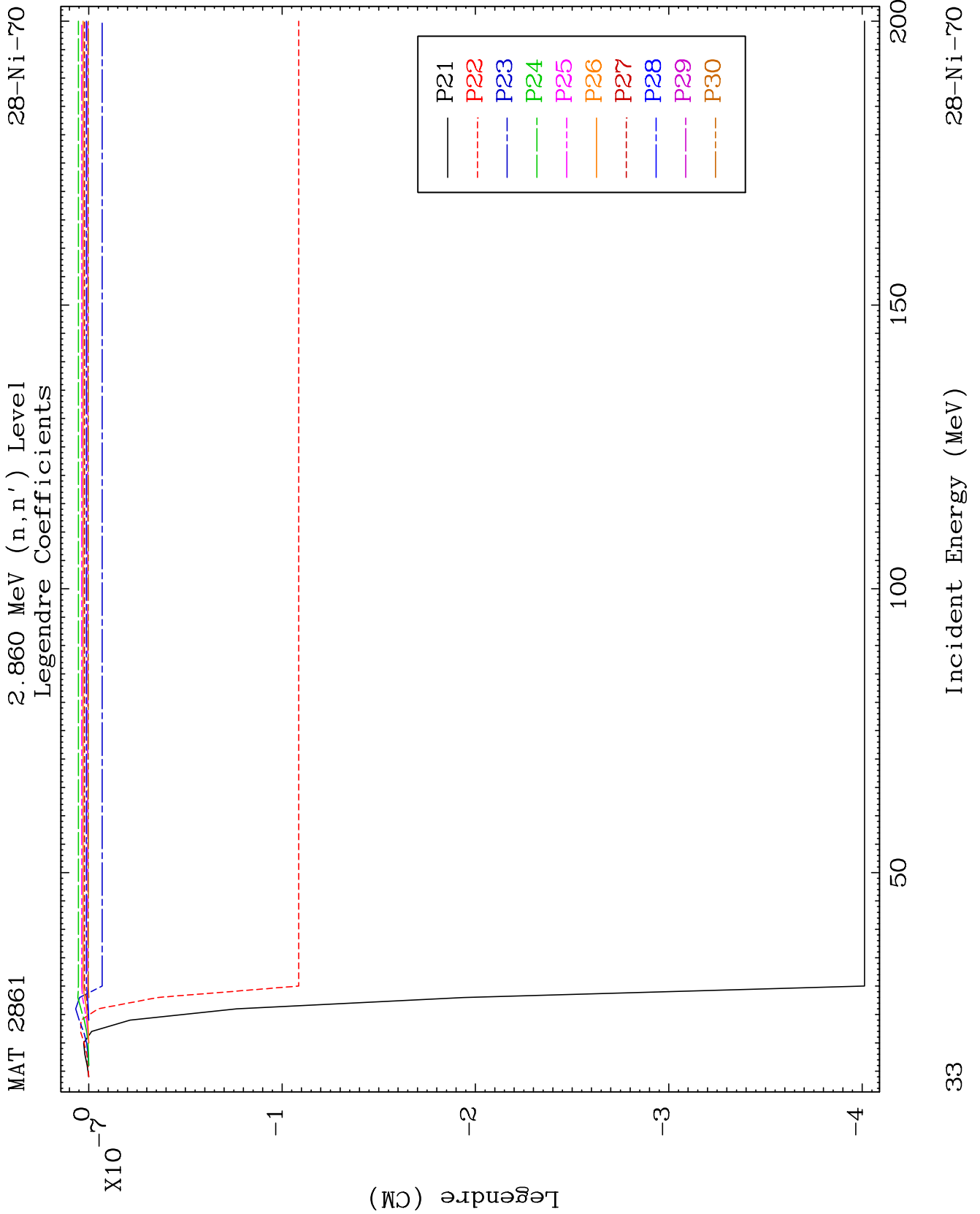
MAT 2861

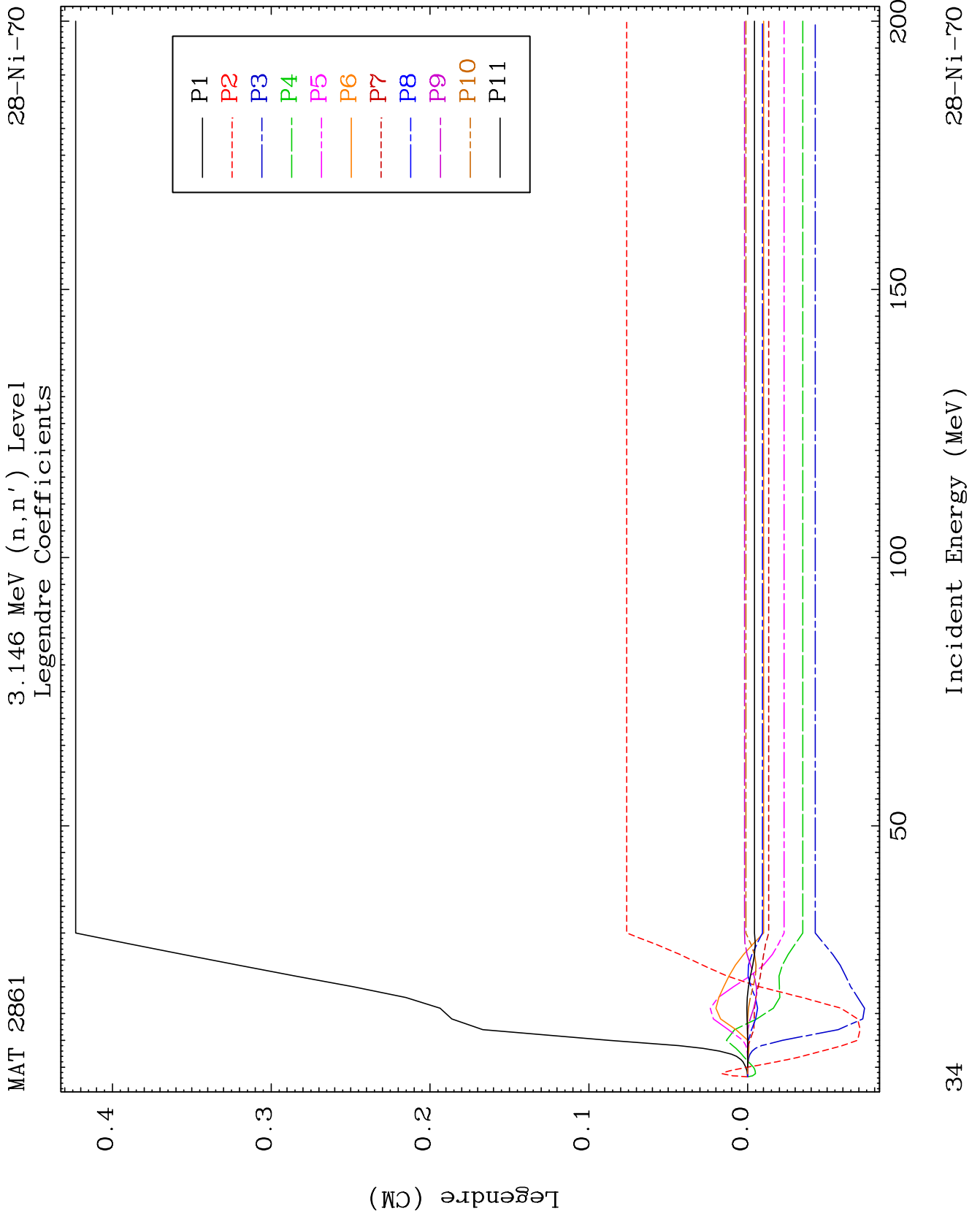
2.860 MeV (n,n') Level
Legendre Coefficients

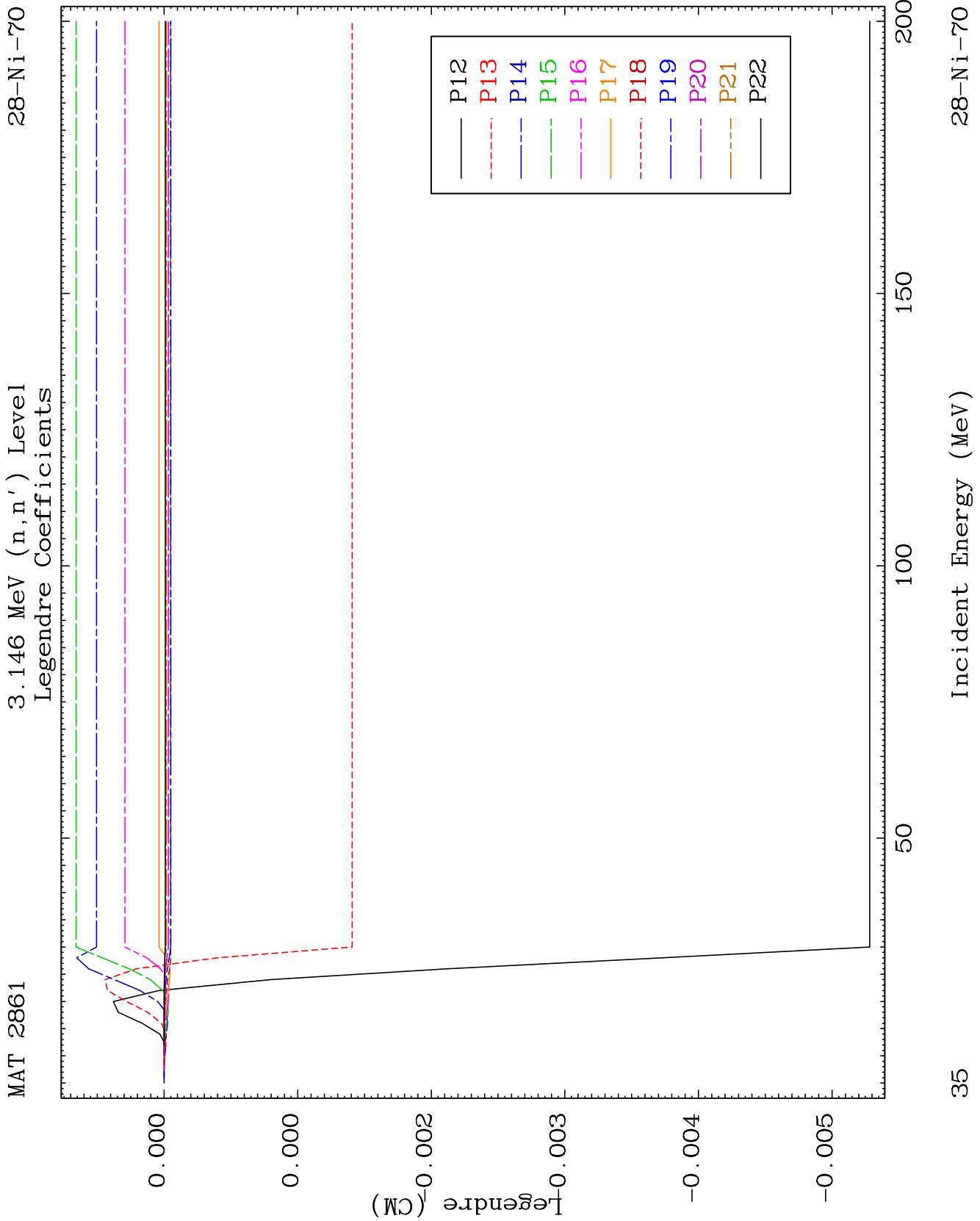
28-Ni-70

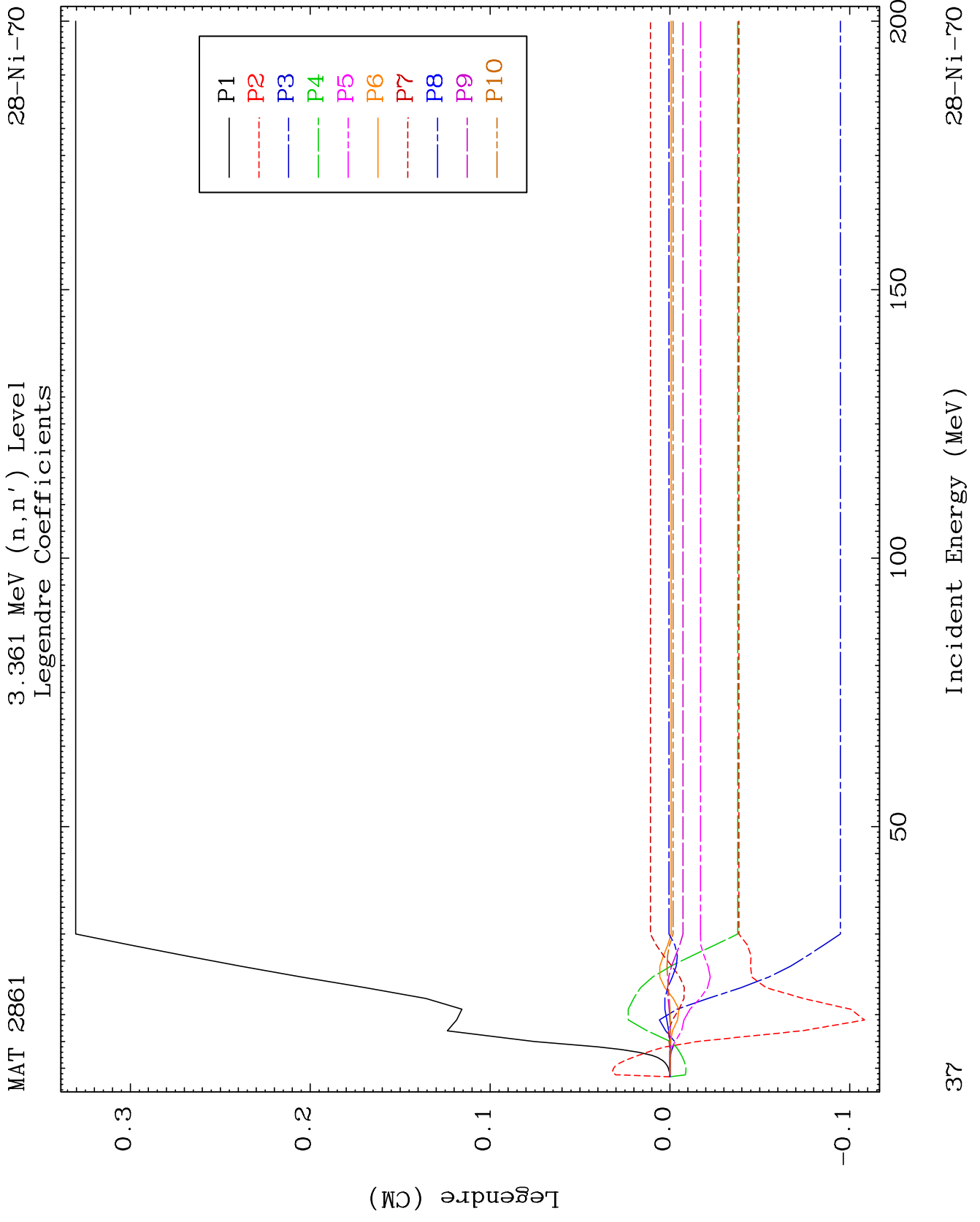


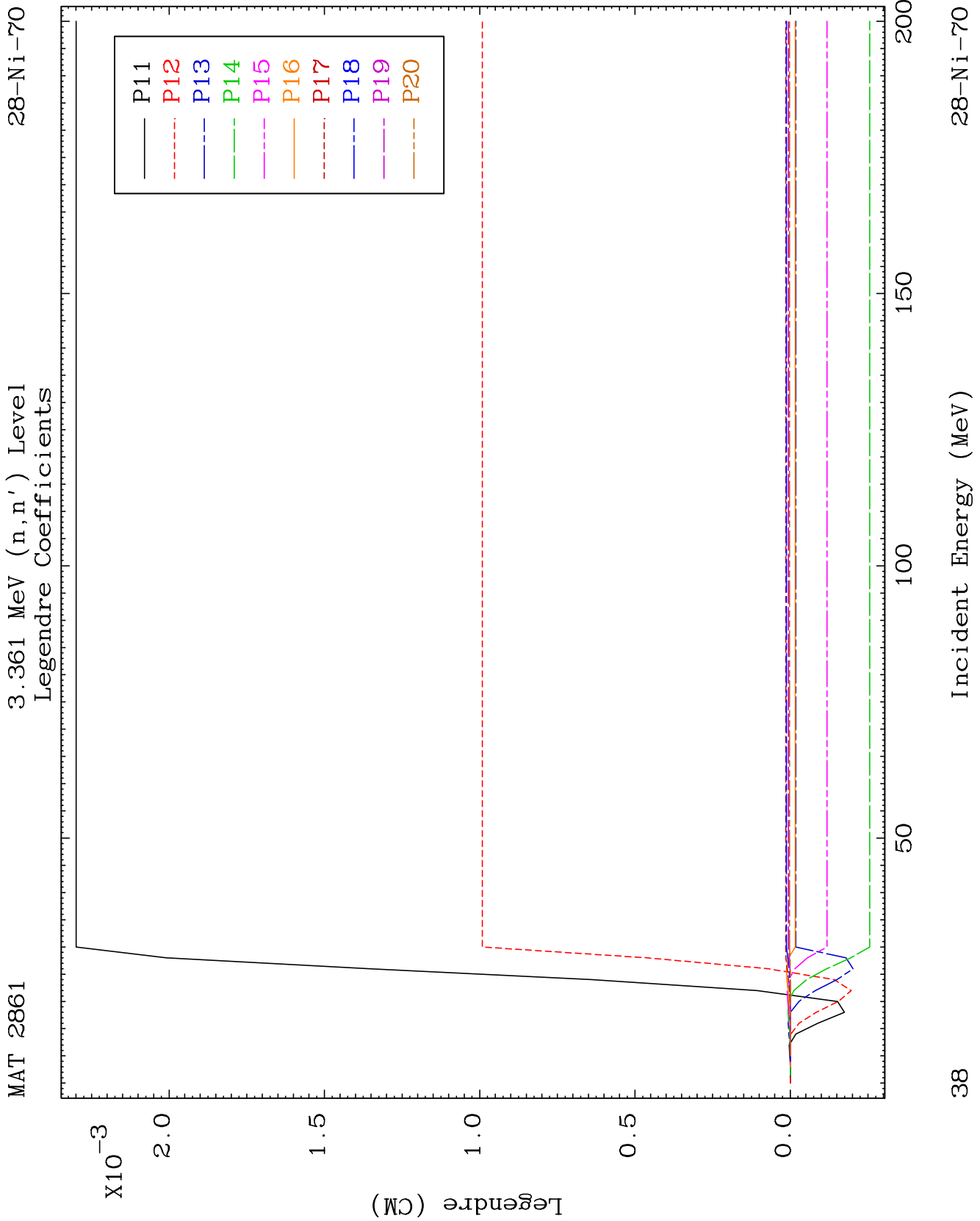
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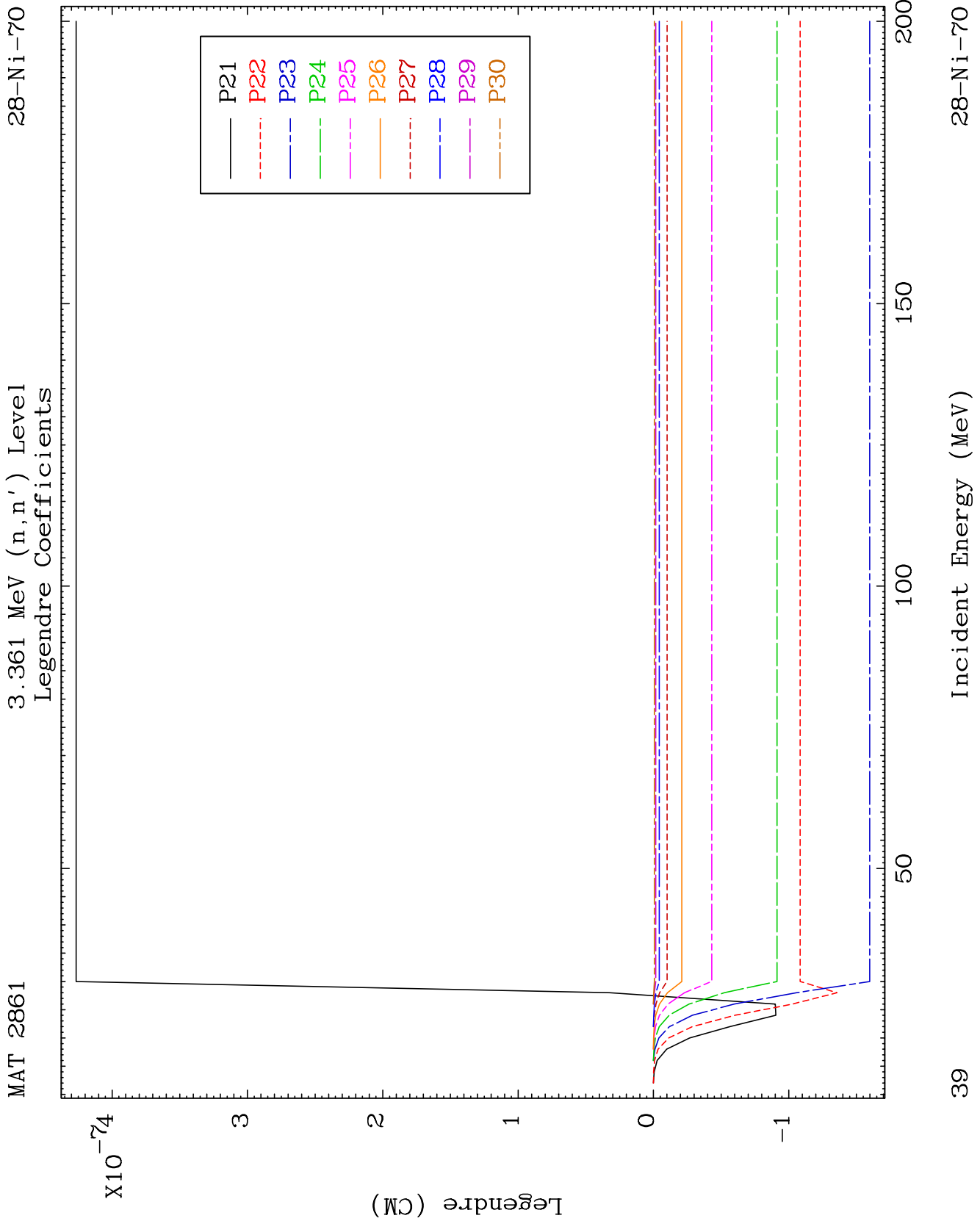


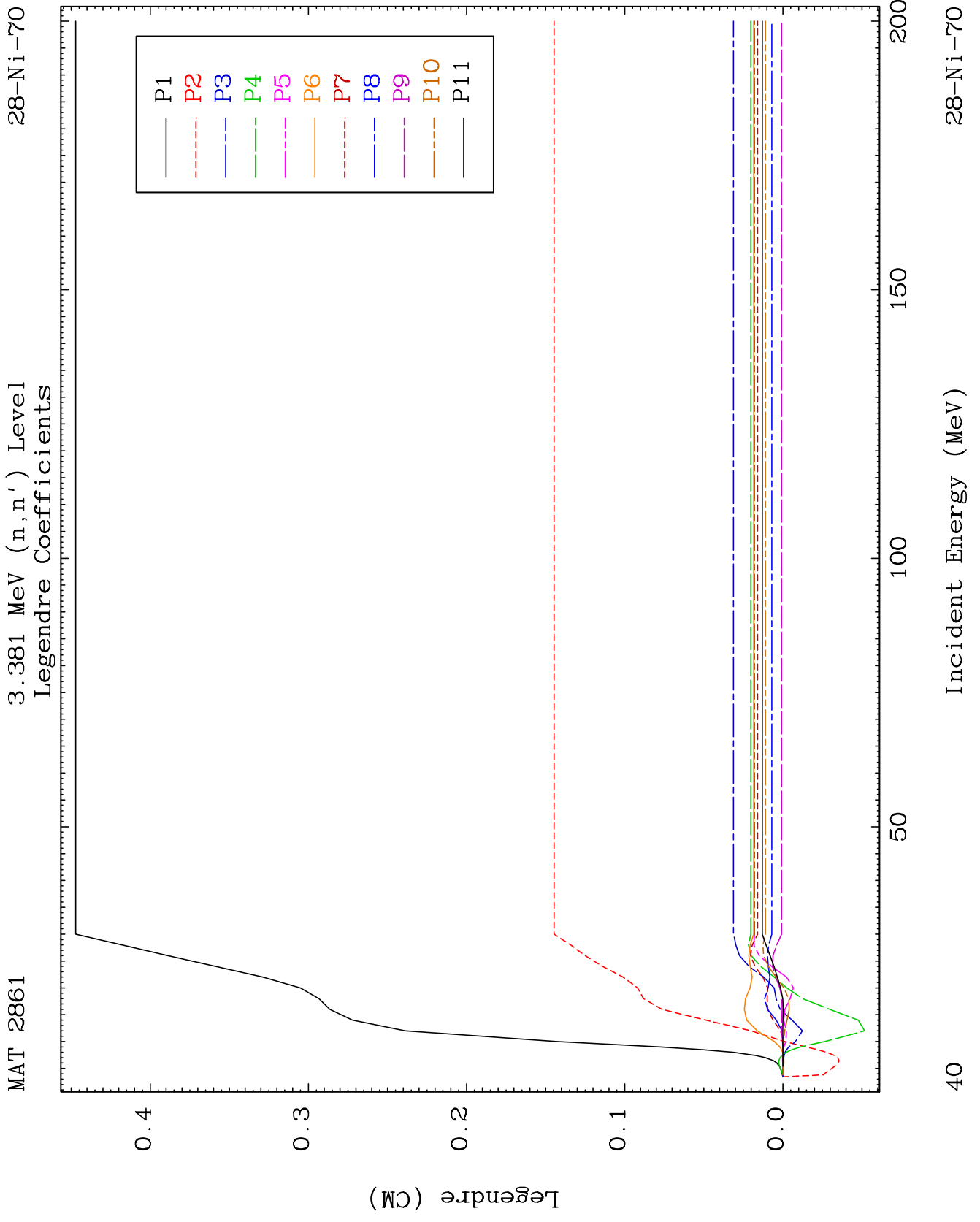








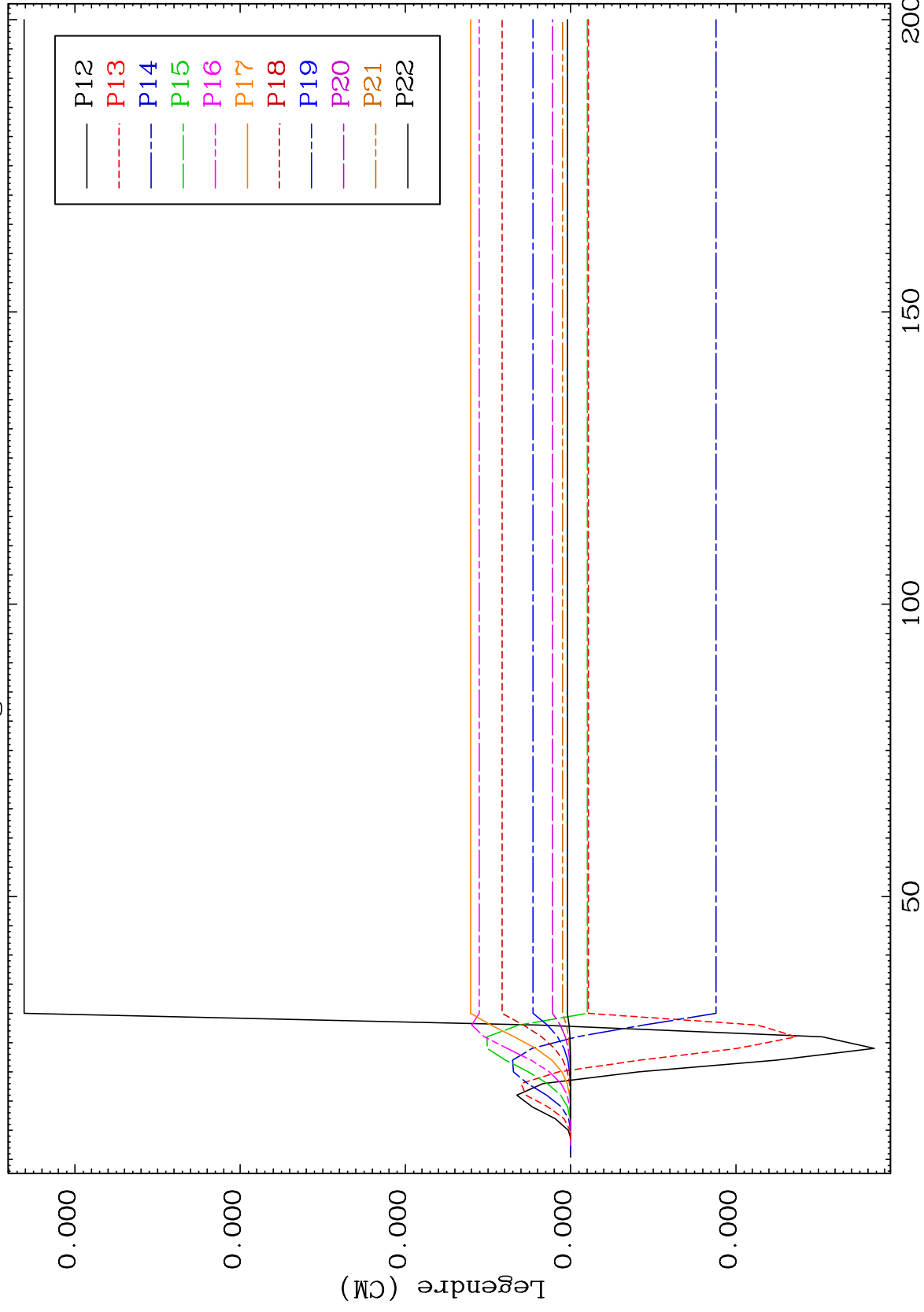




MAT 2861

3.381 MeV (n,n') Level
Legendre Coefficients

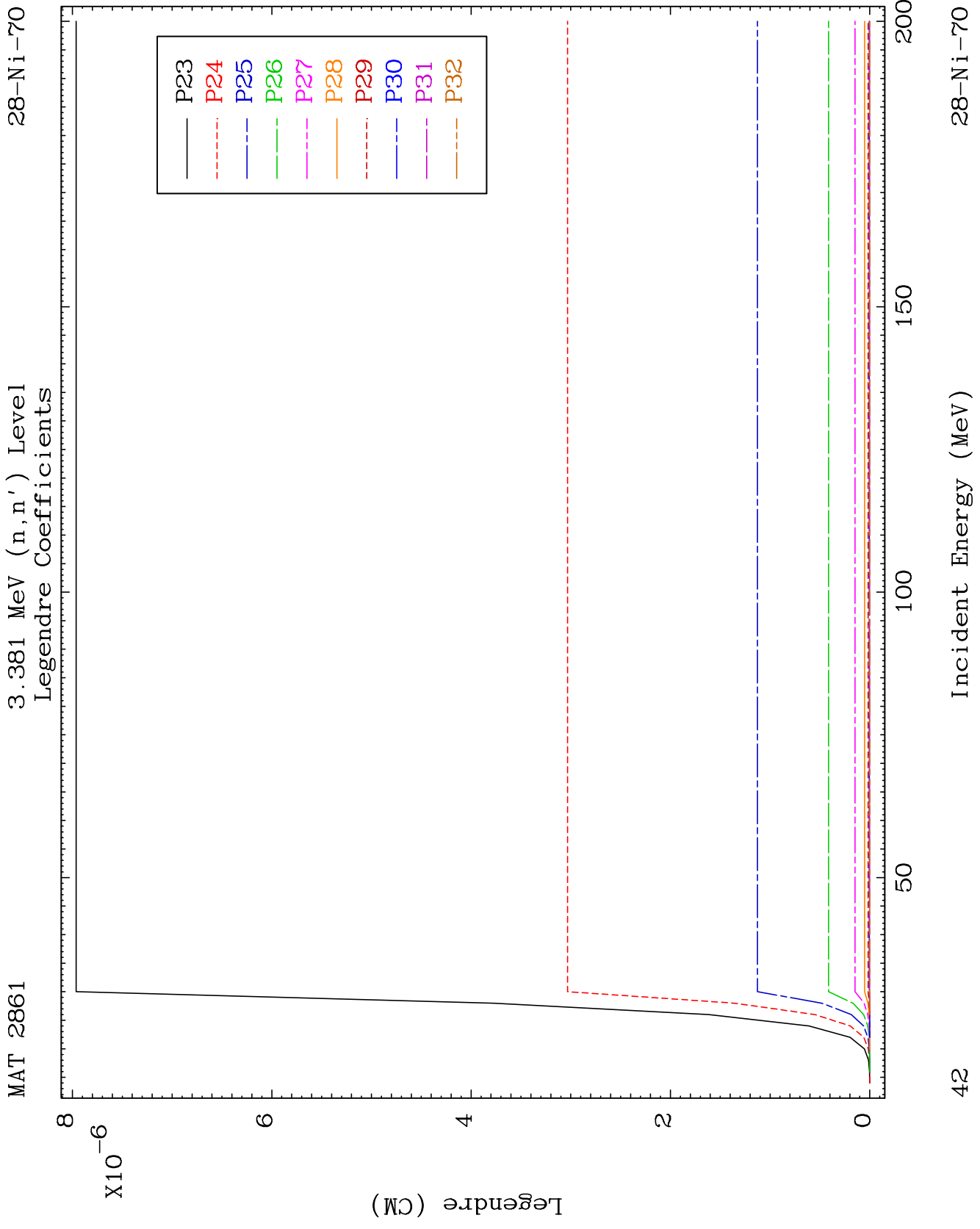
28-Ni-70

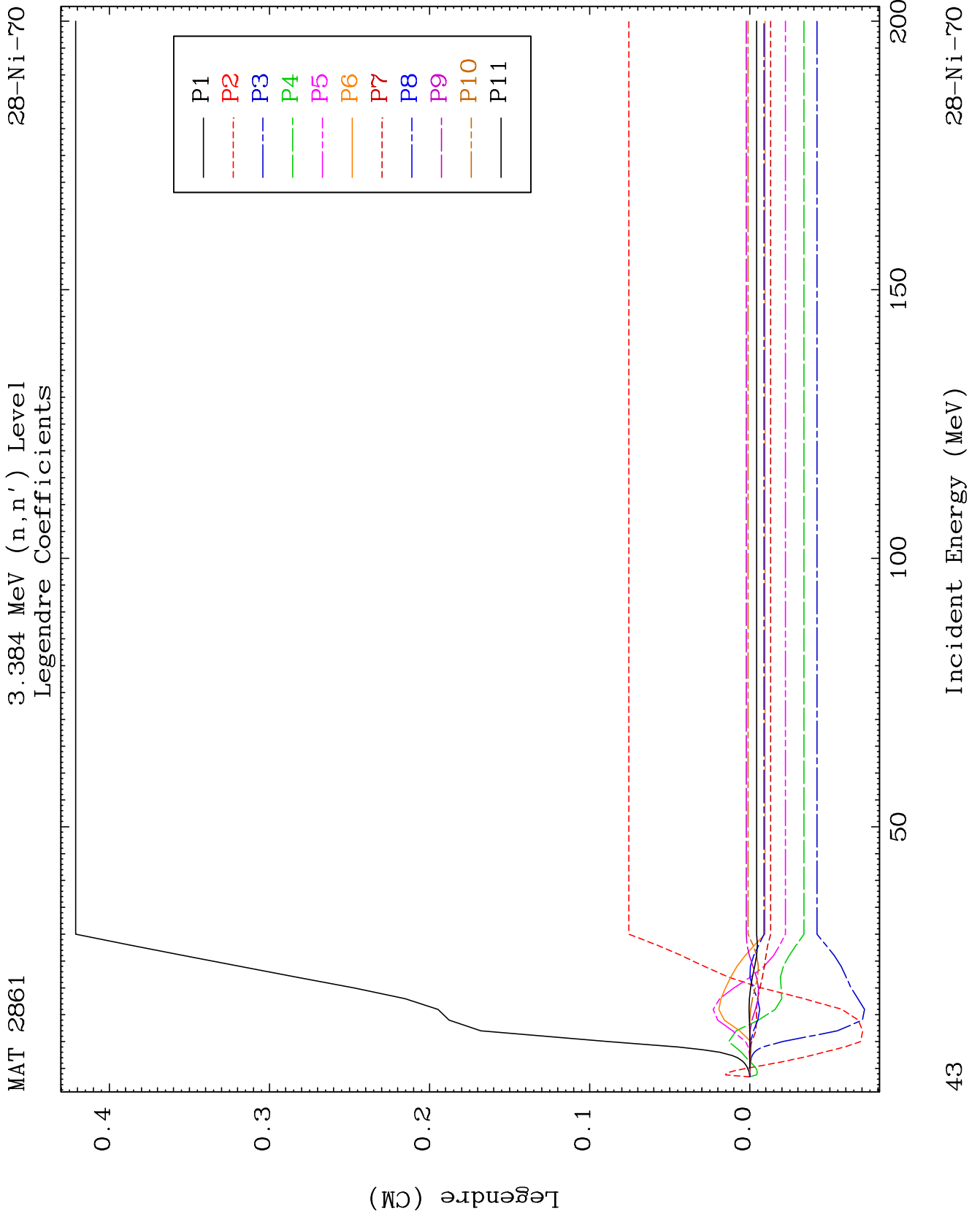


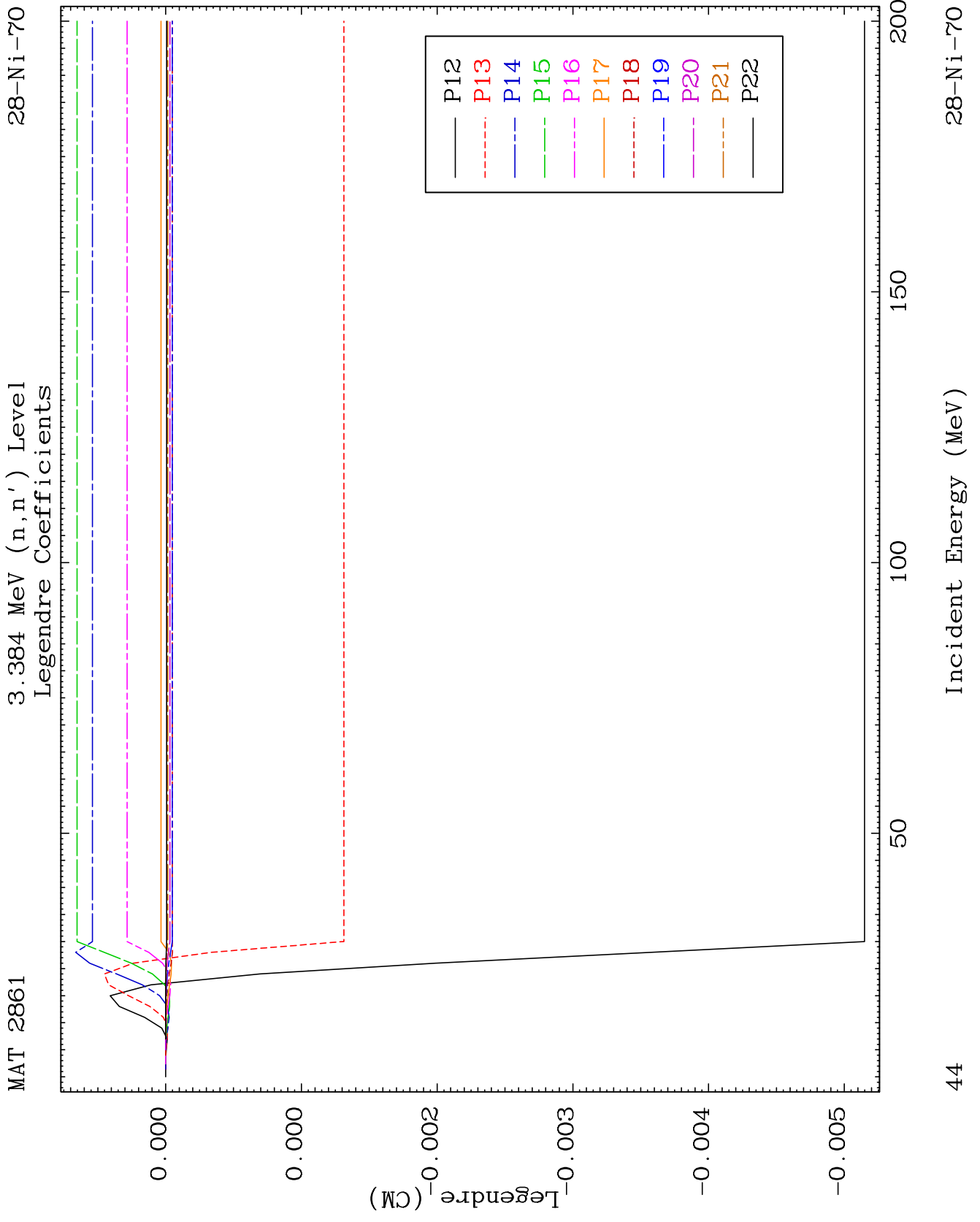
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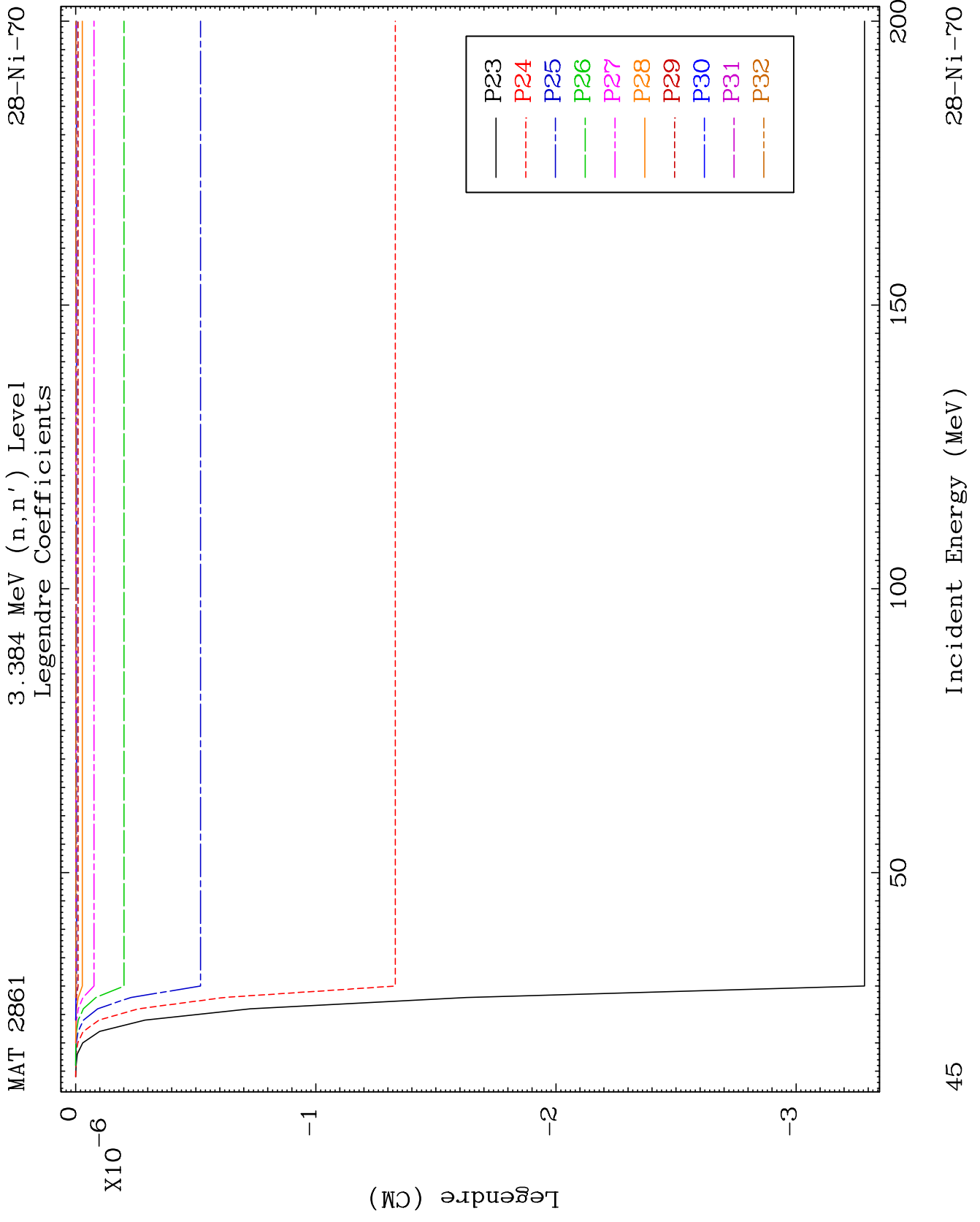
Incident Energy (MeV)

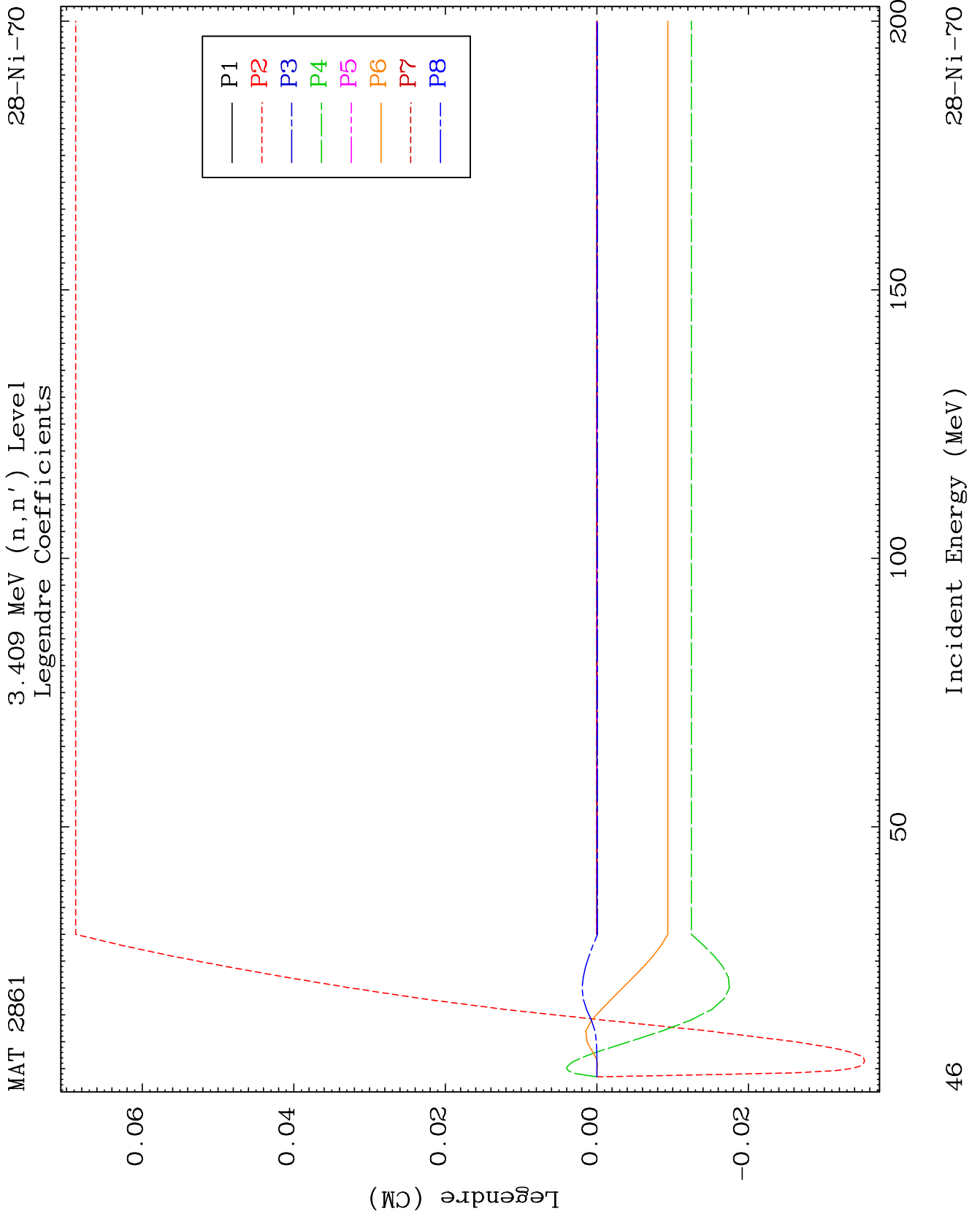
28-Ni-70

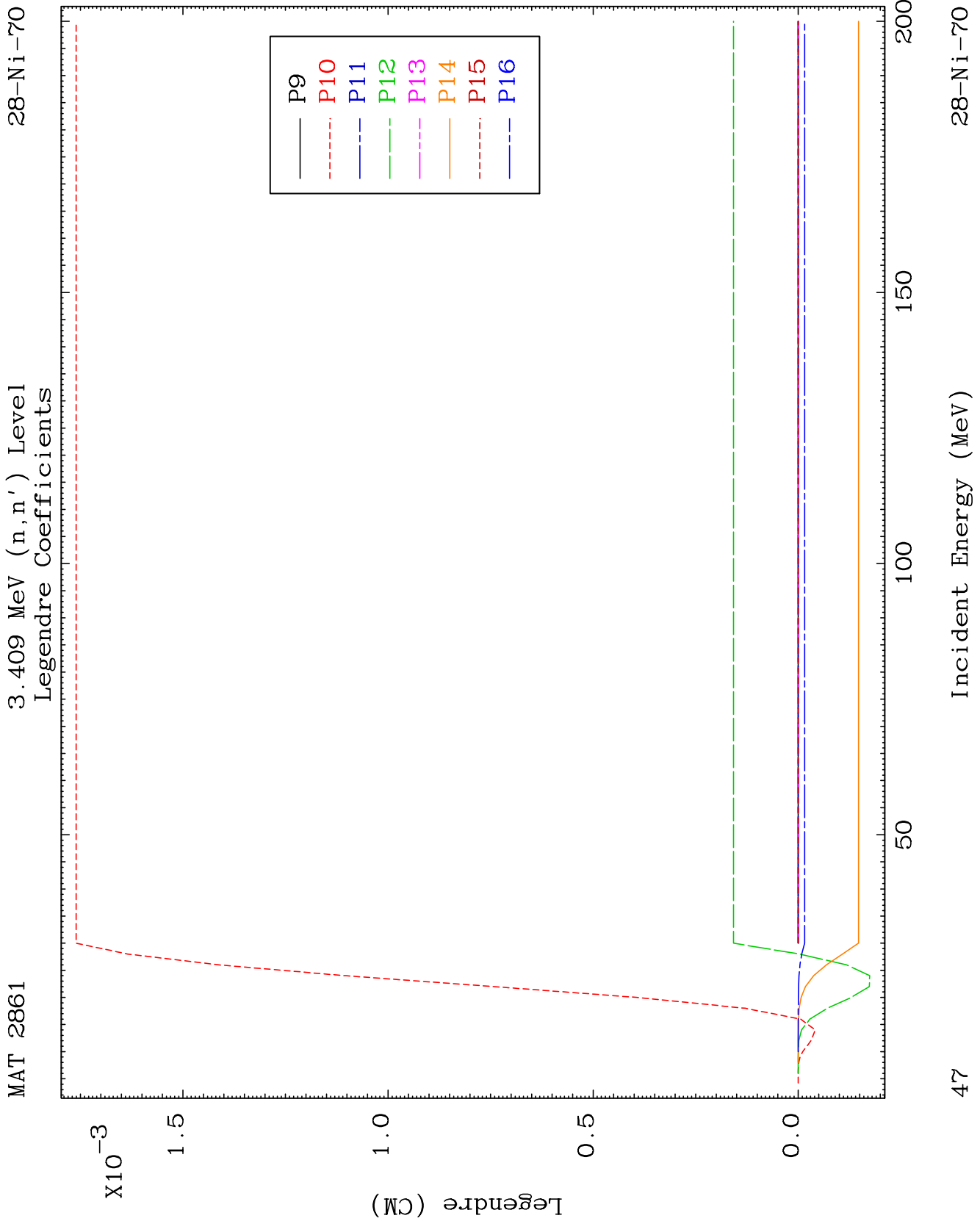


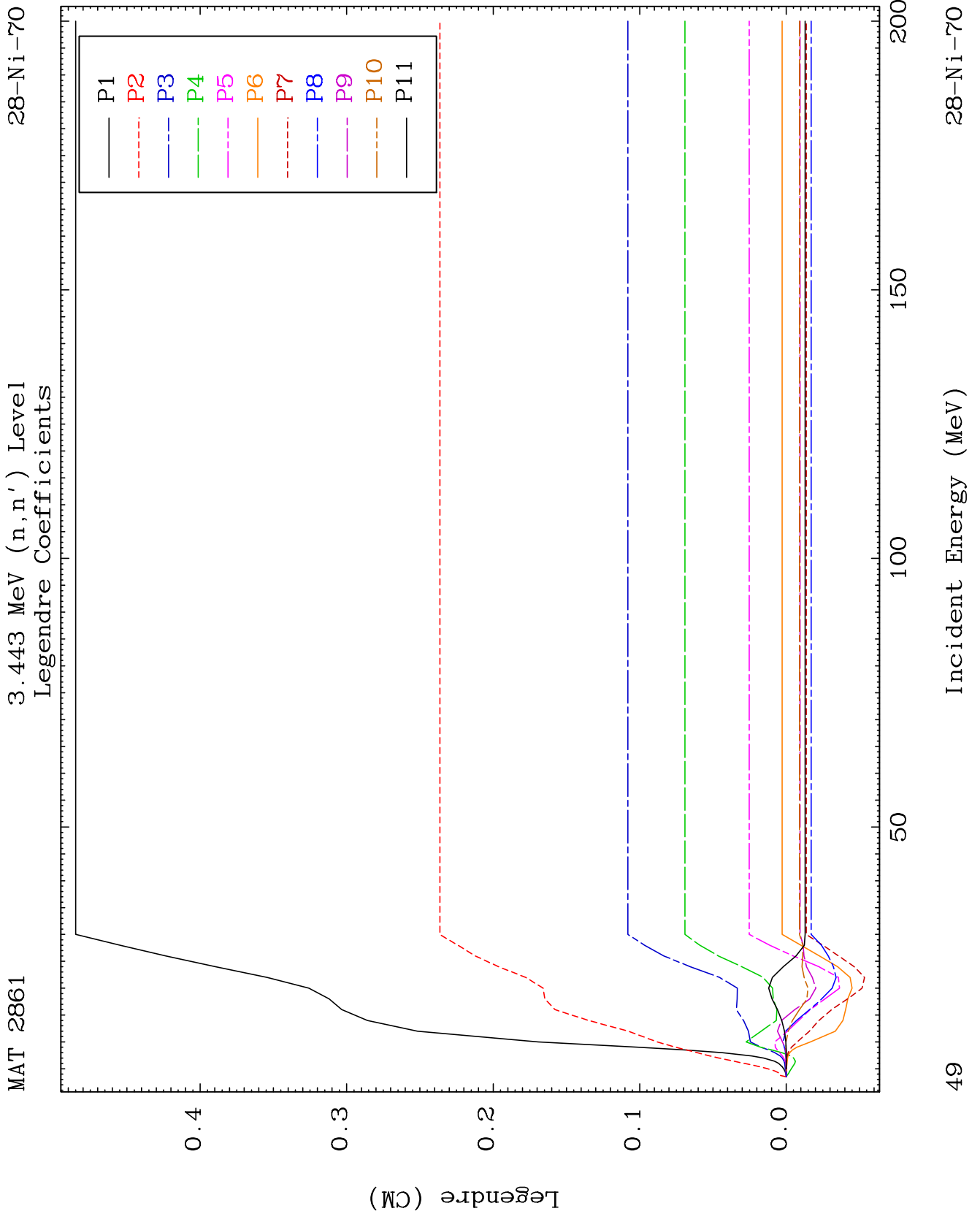


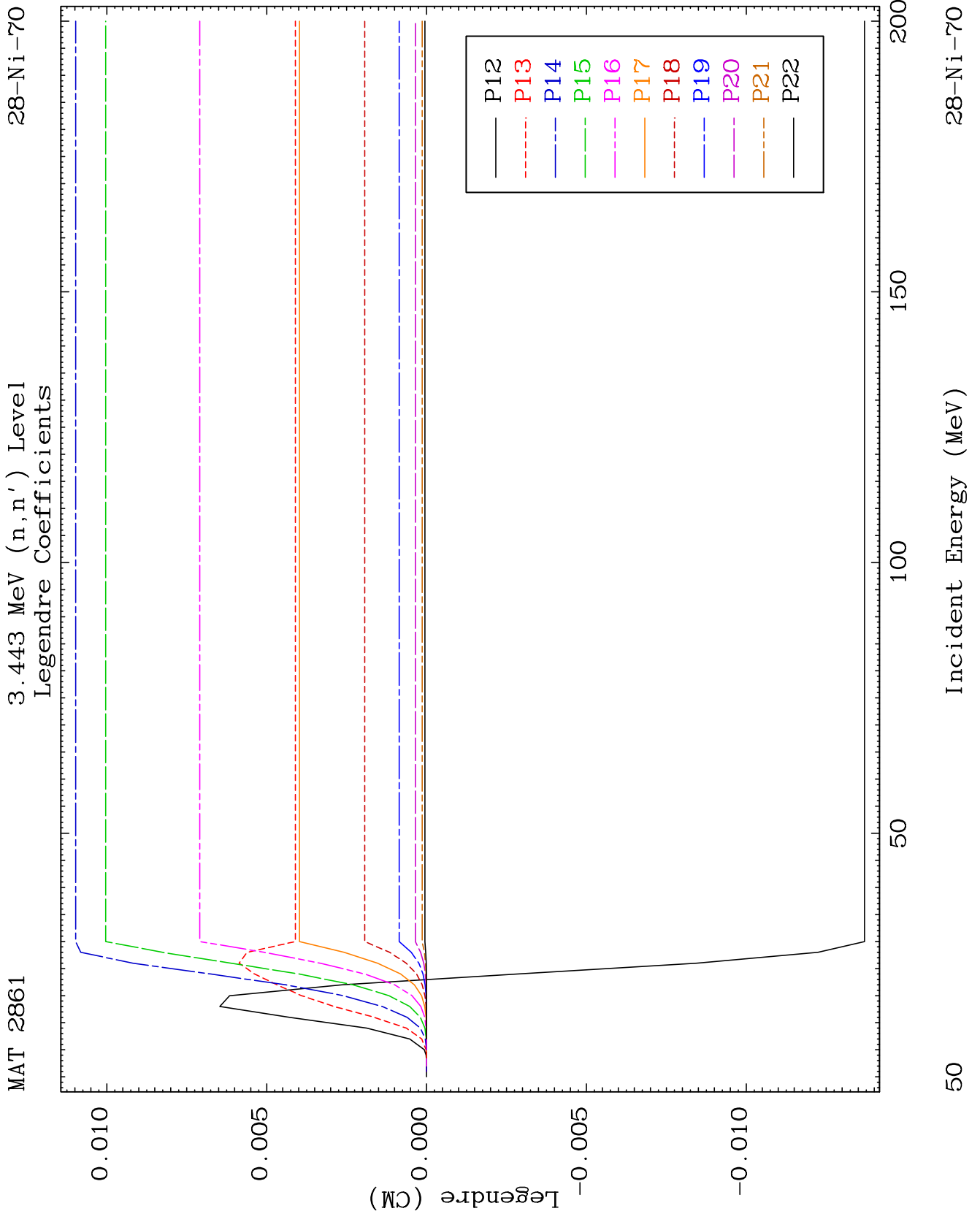


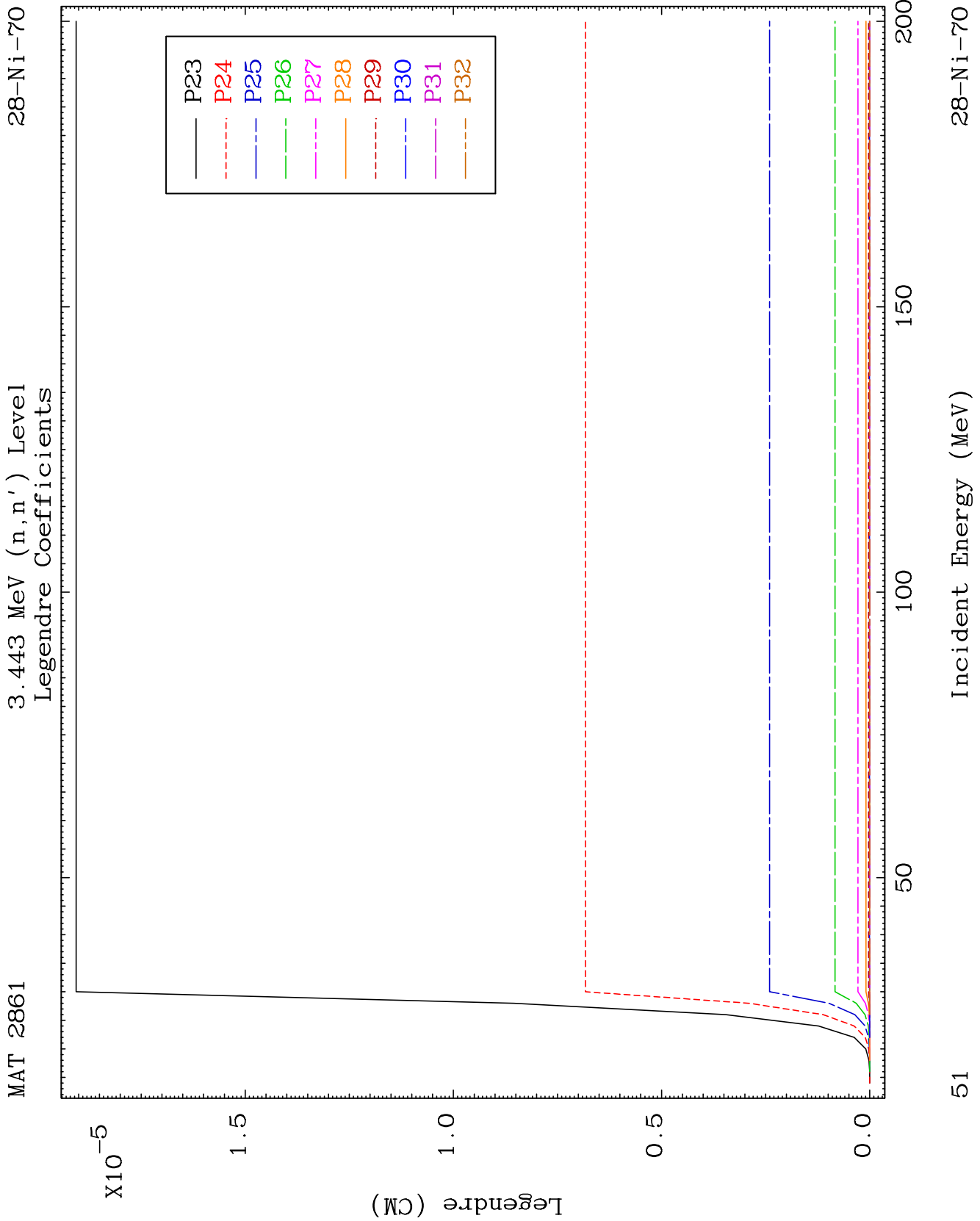


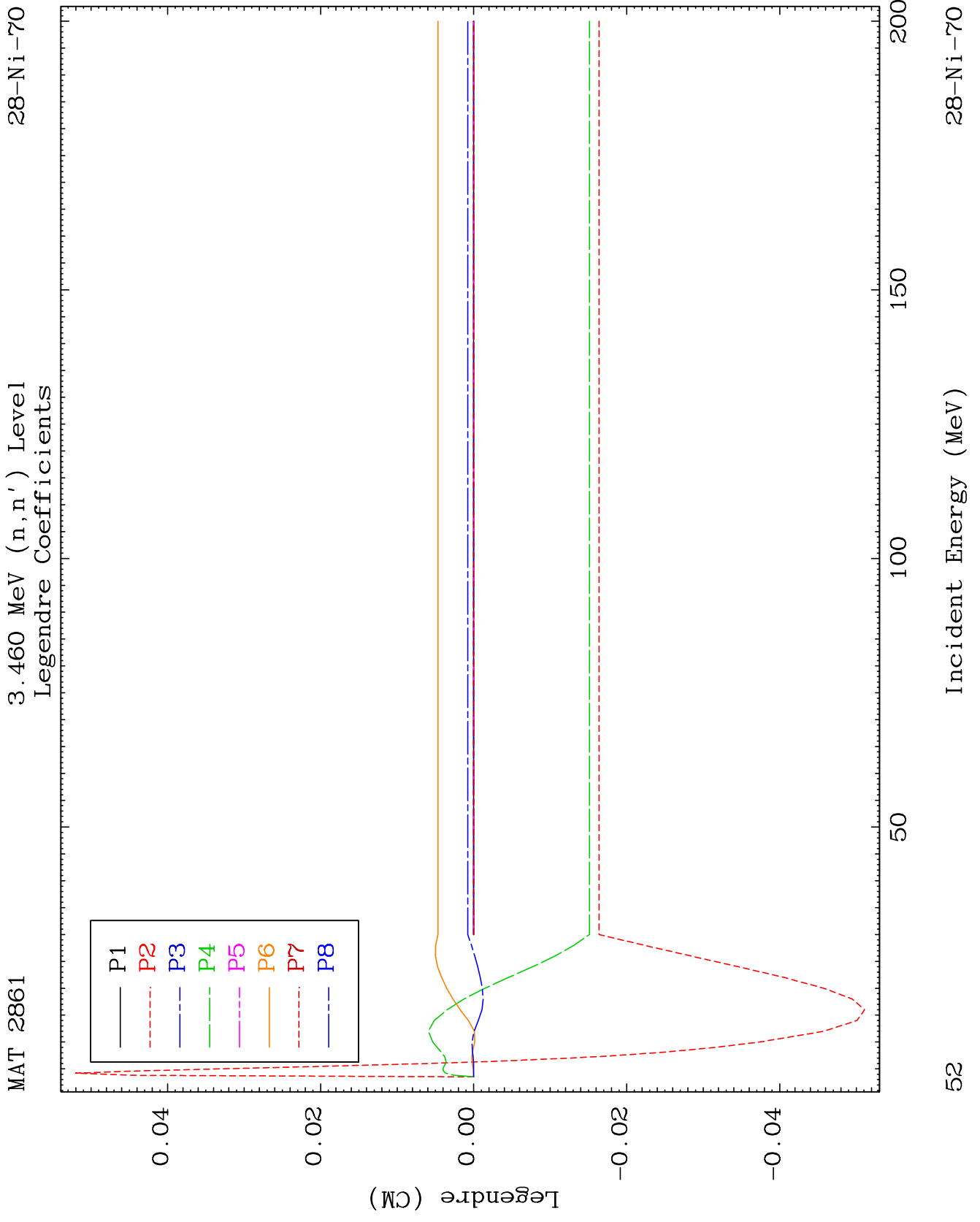








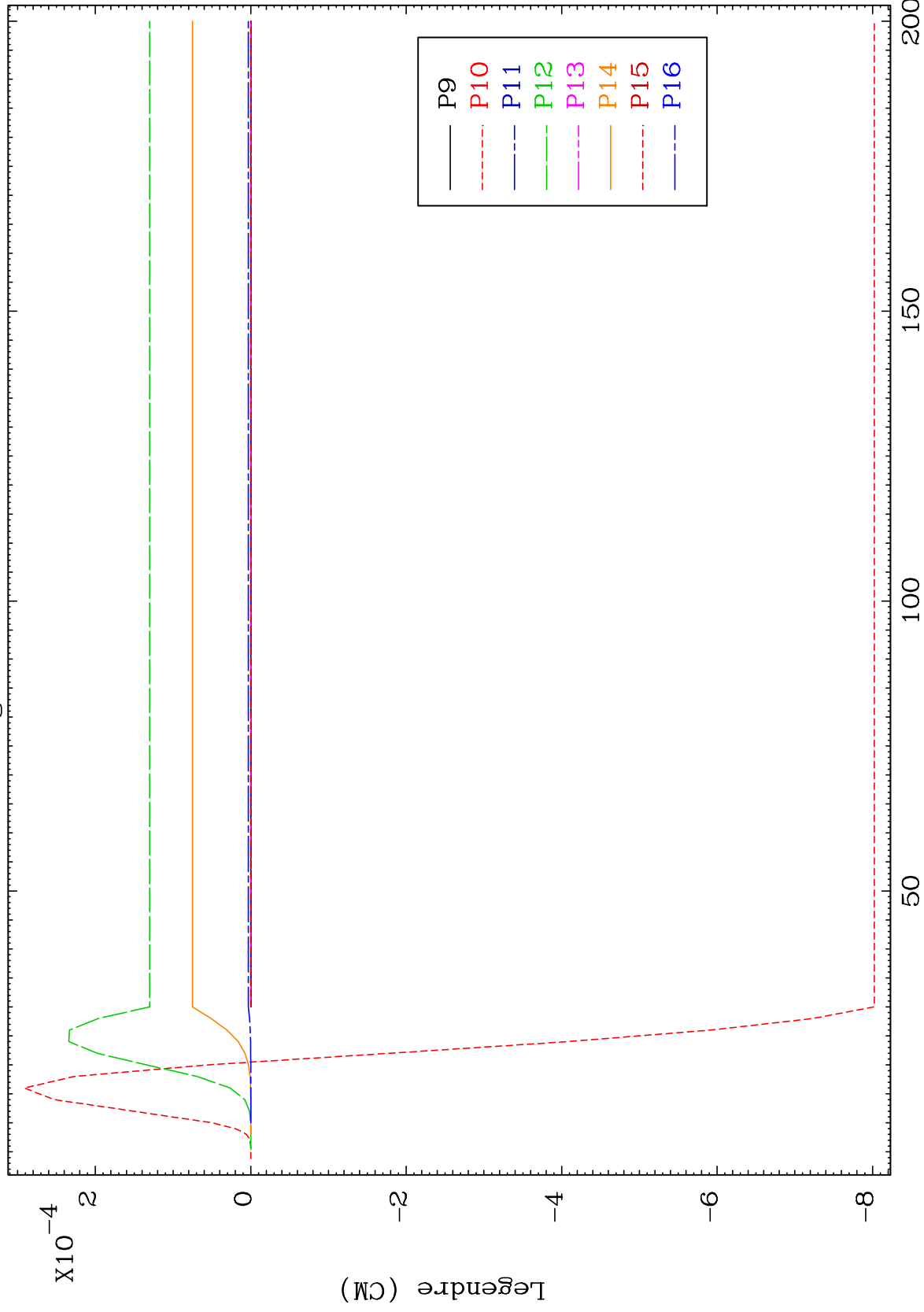




MAT 2861

3.460 MeV (n,n') Level
Legendre Coefficients

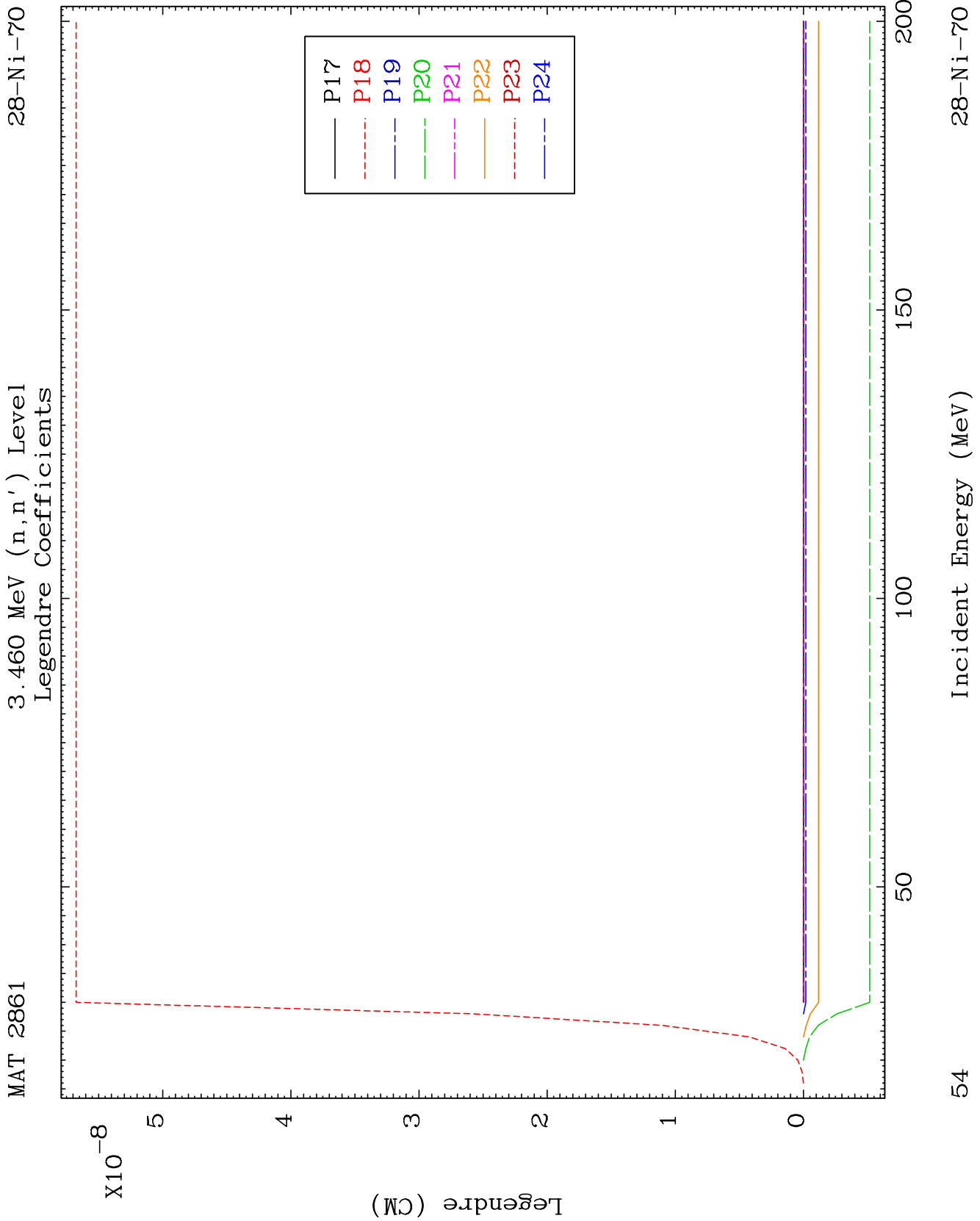
28-Ni-70



53

Incident Energy (MeV)

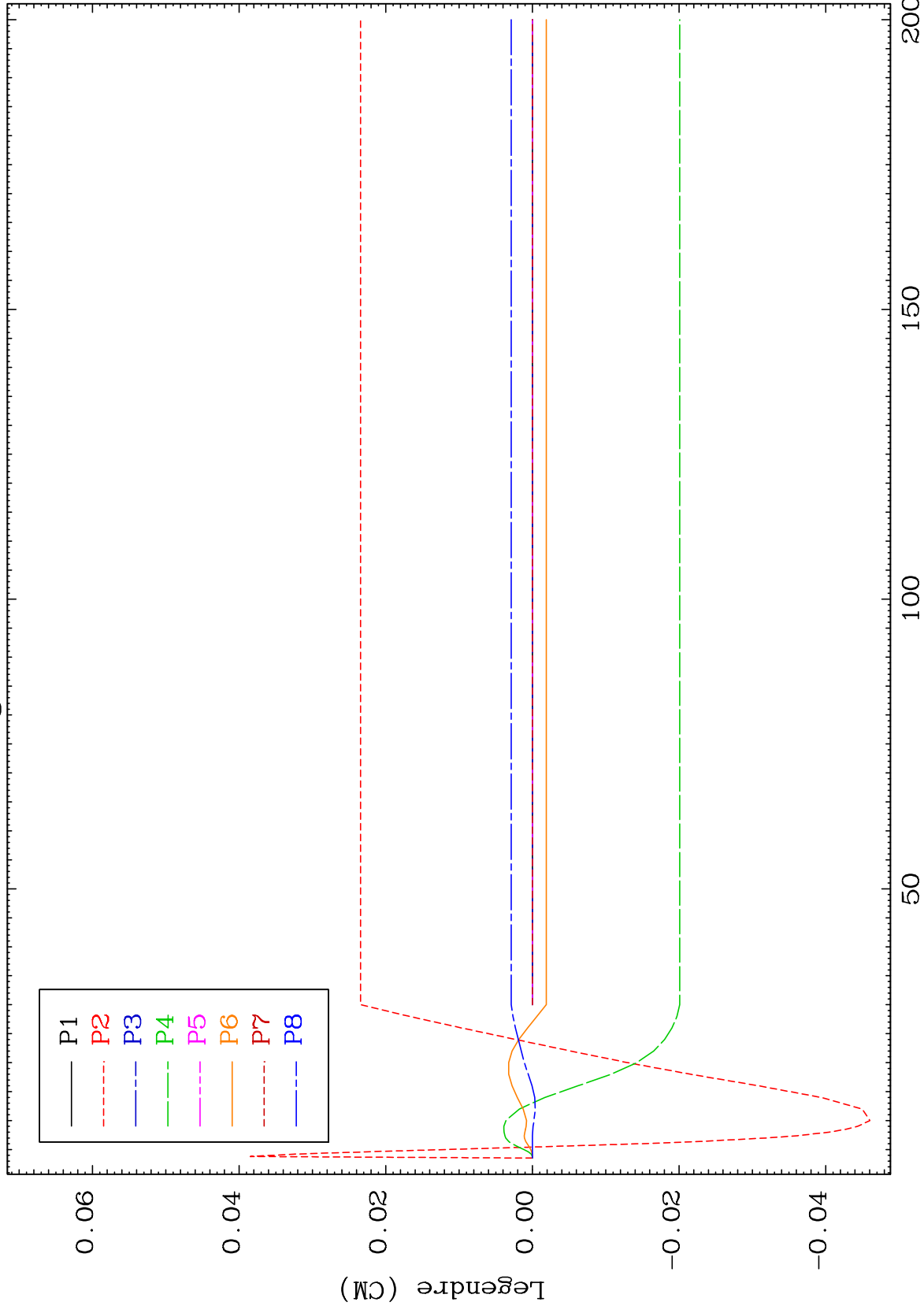
28-Ni-70



MAT 2861

3.476 MeV (n,n') Level
Legendre Coefficients

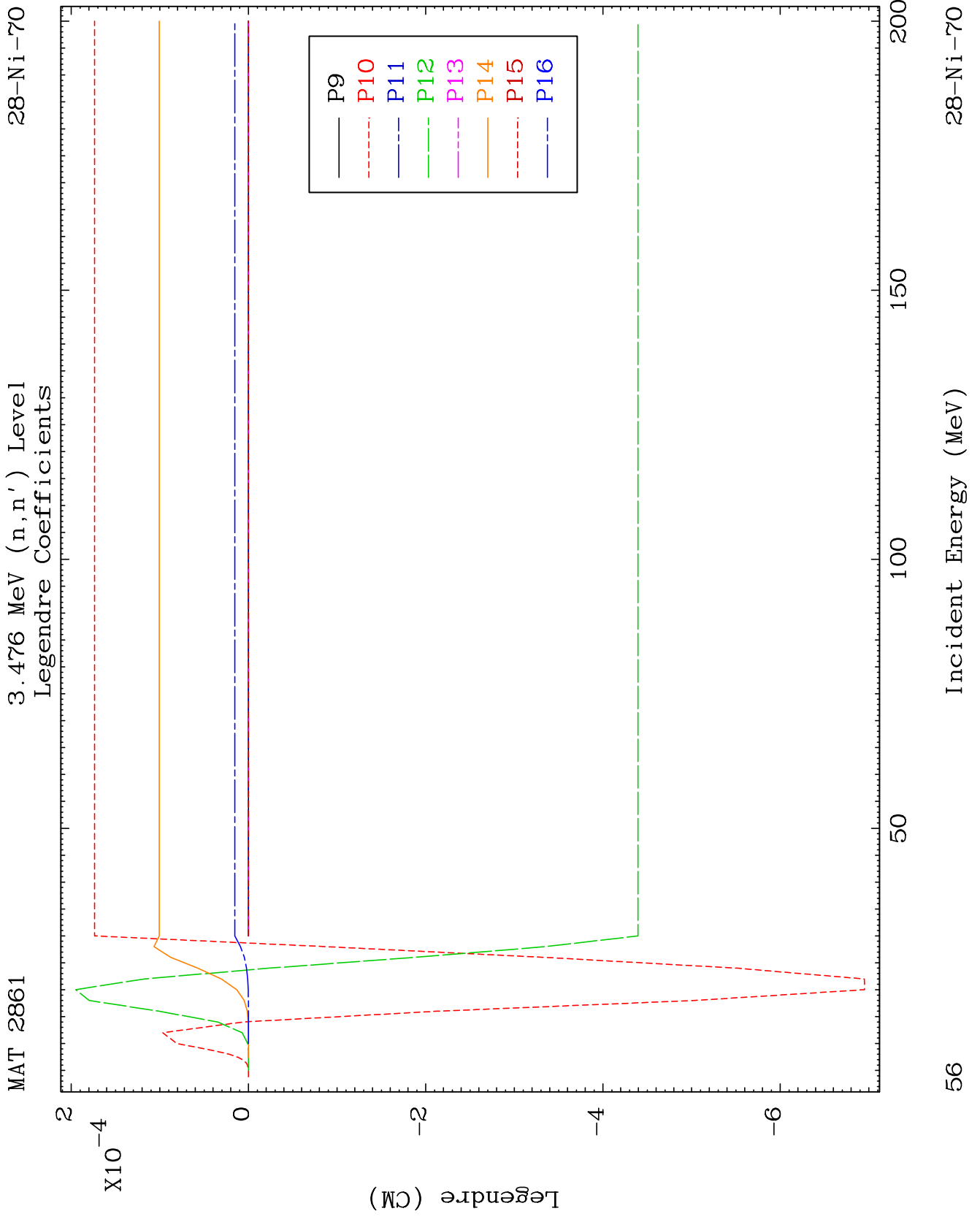
28-Ni-70

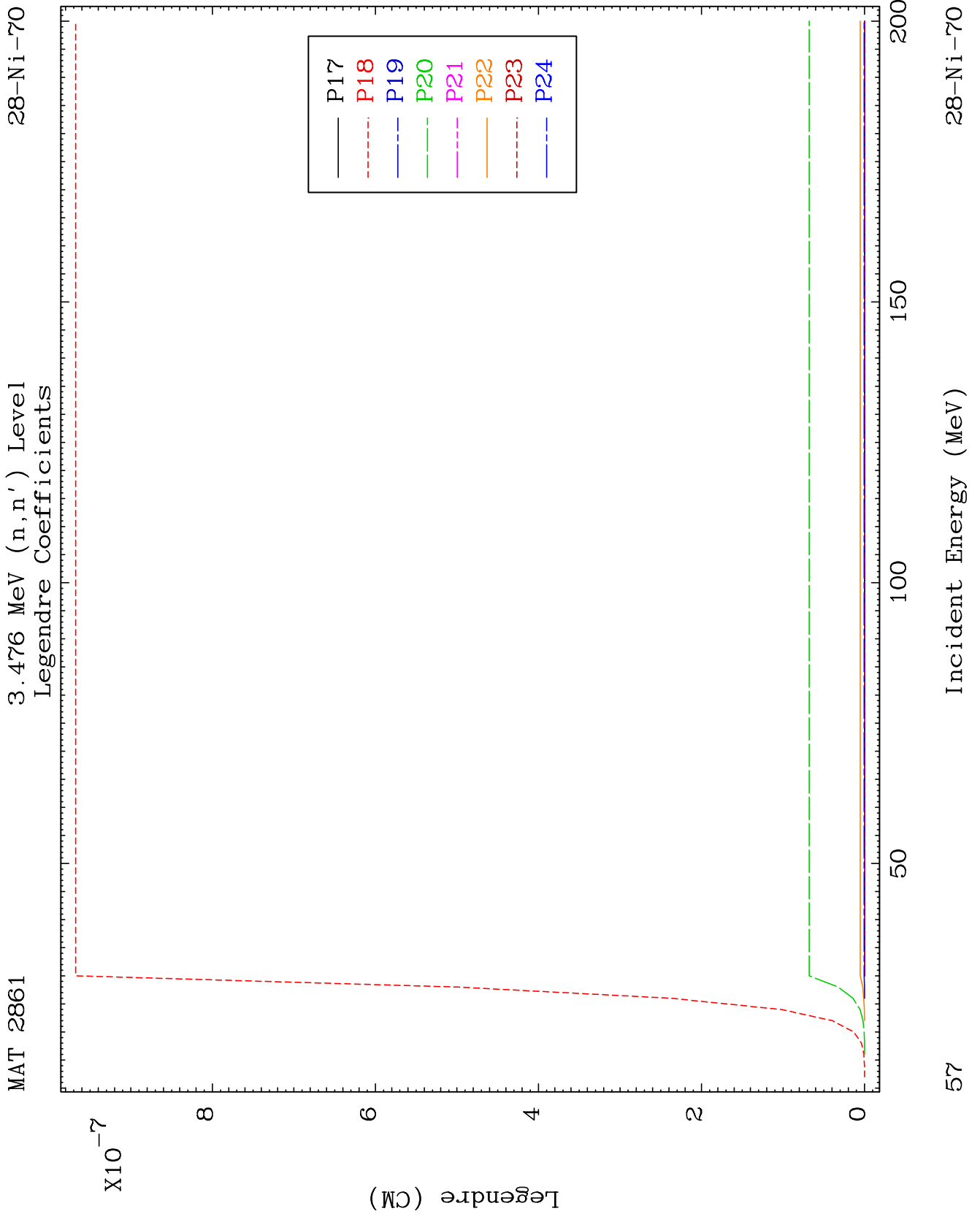


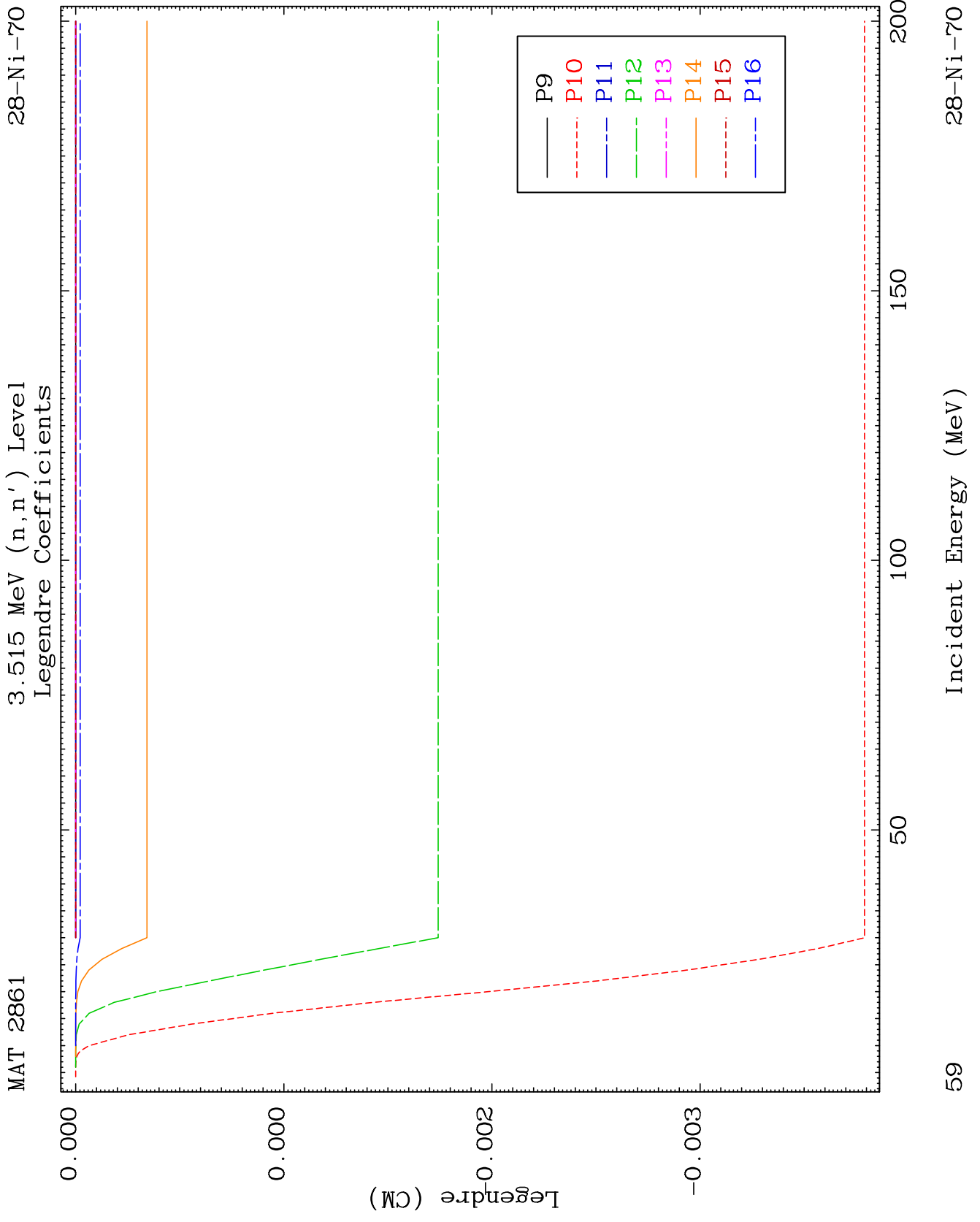
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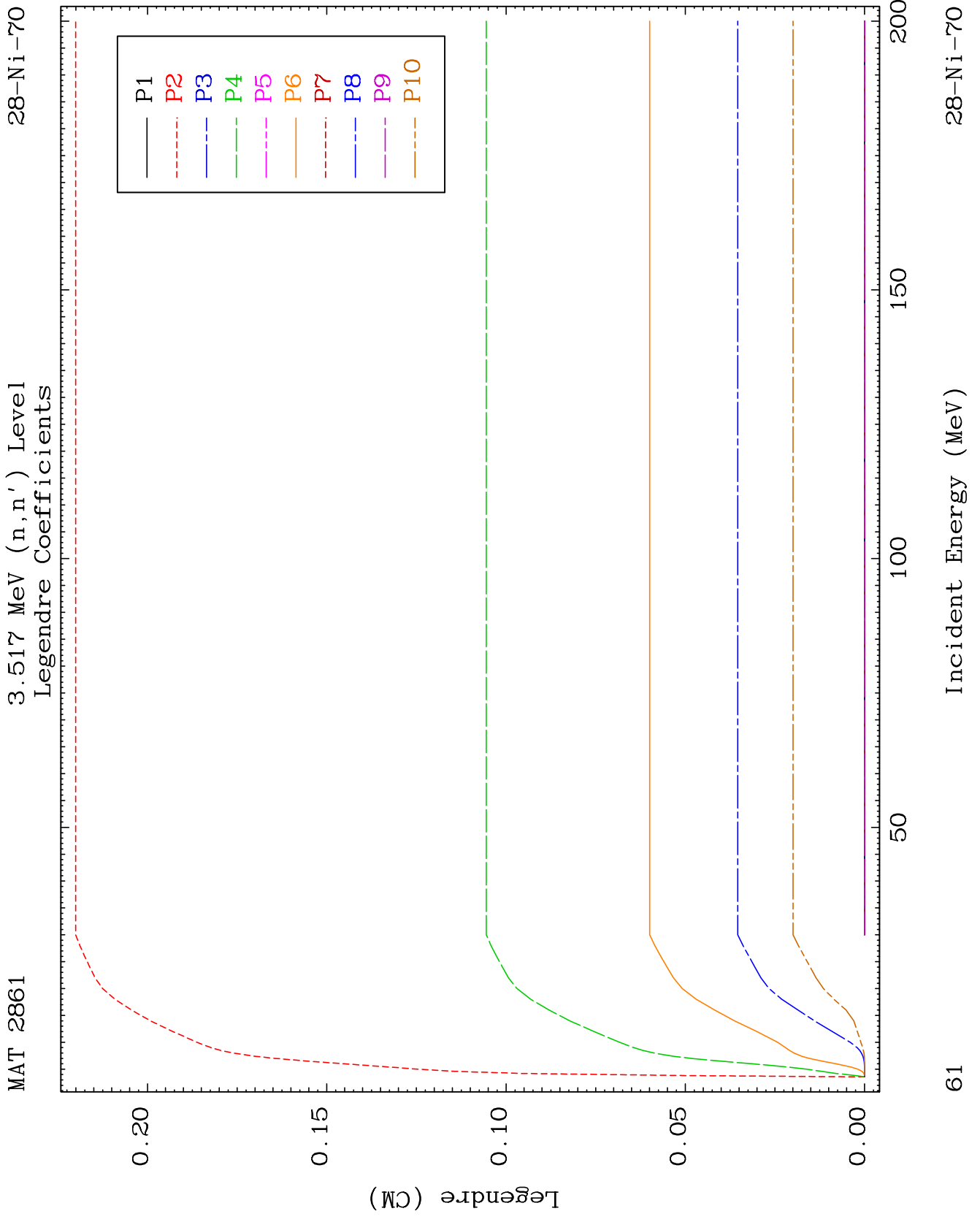
Incident Energy (MeV)

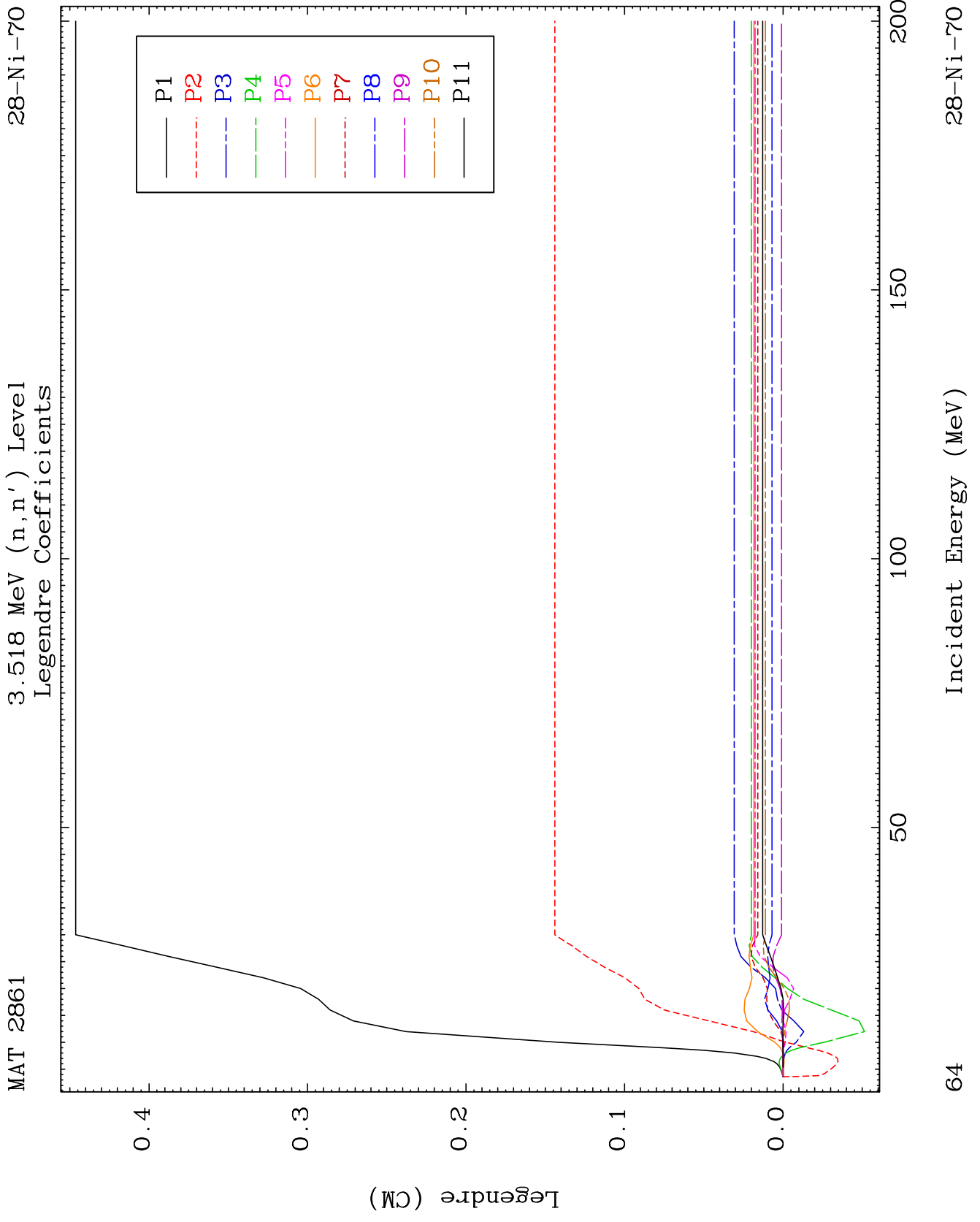
28-Ni-70

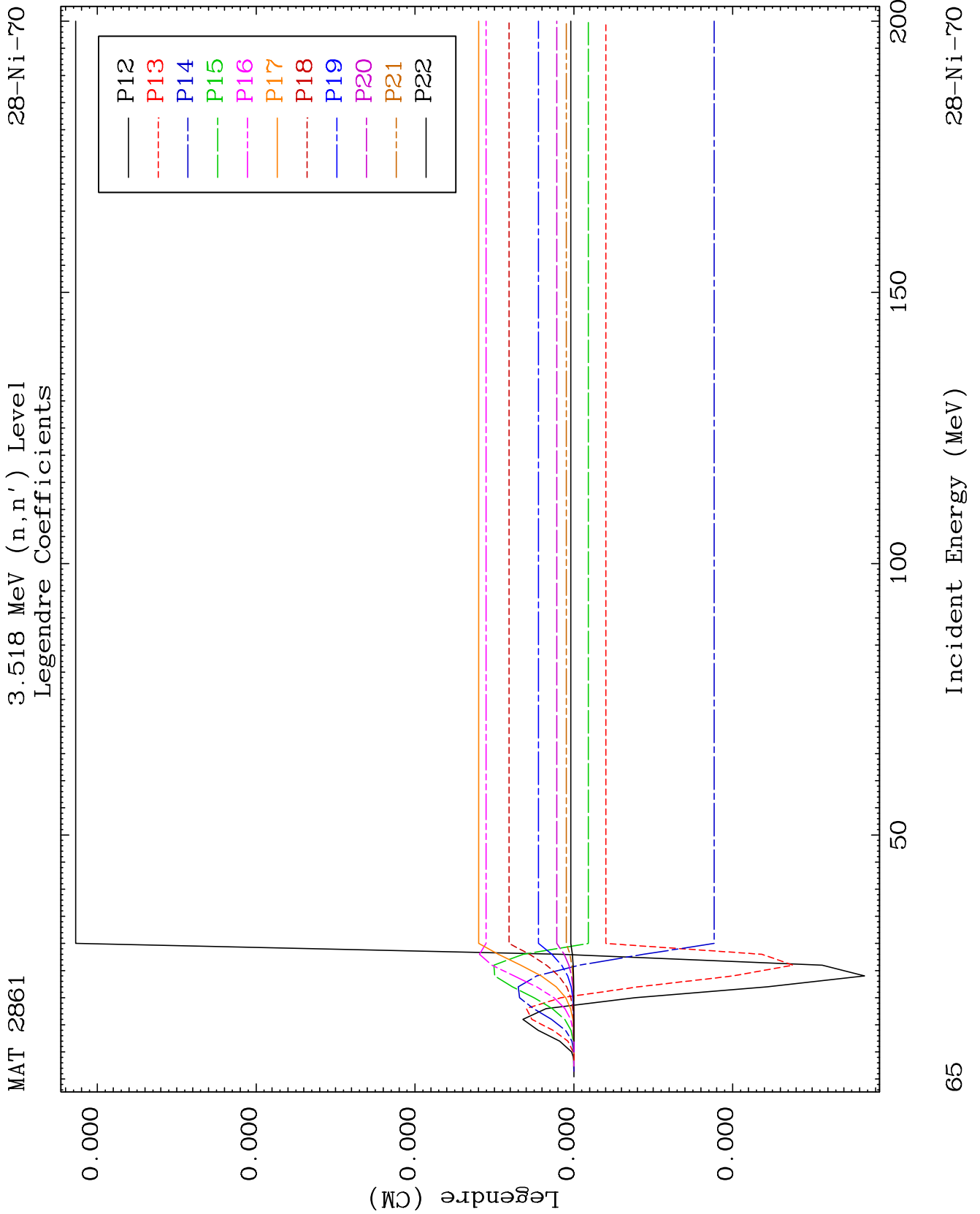


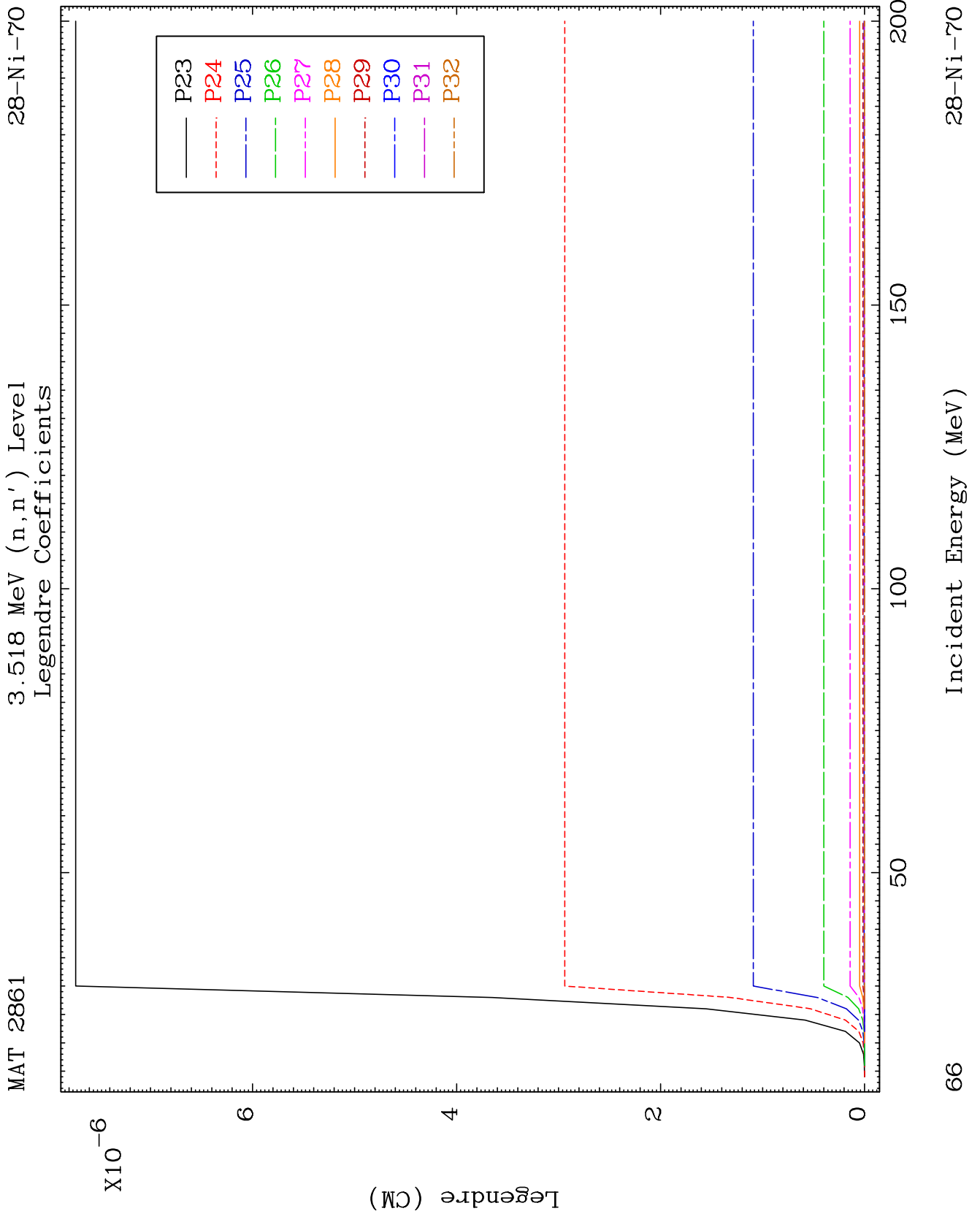








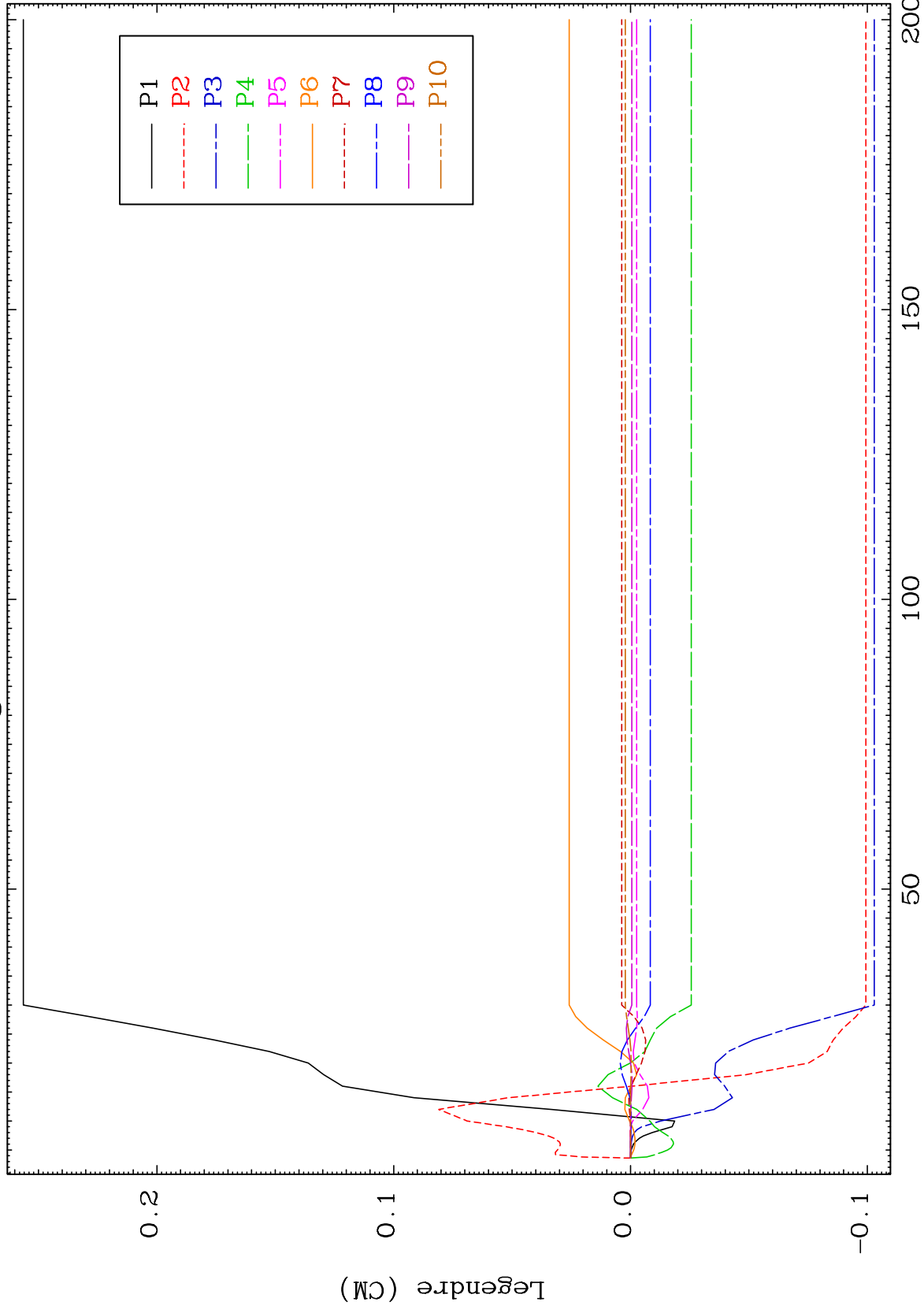




MAT 2861

3.547 MeV (n,n') Level
Legendre Coefficients

28-Ni-70



67

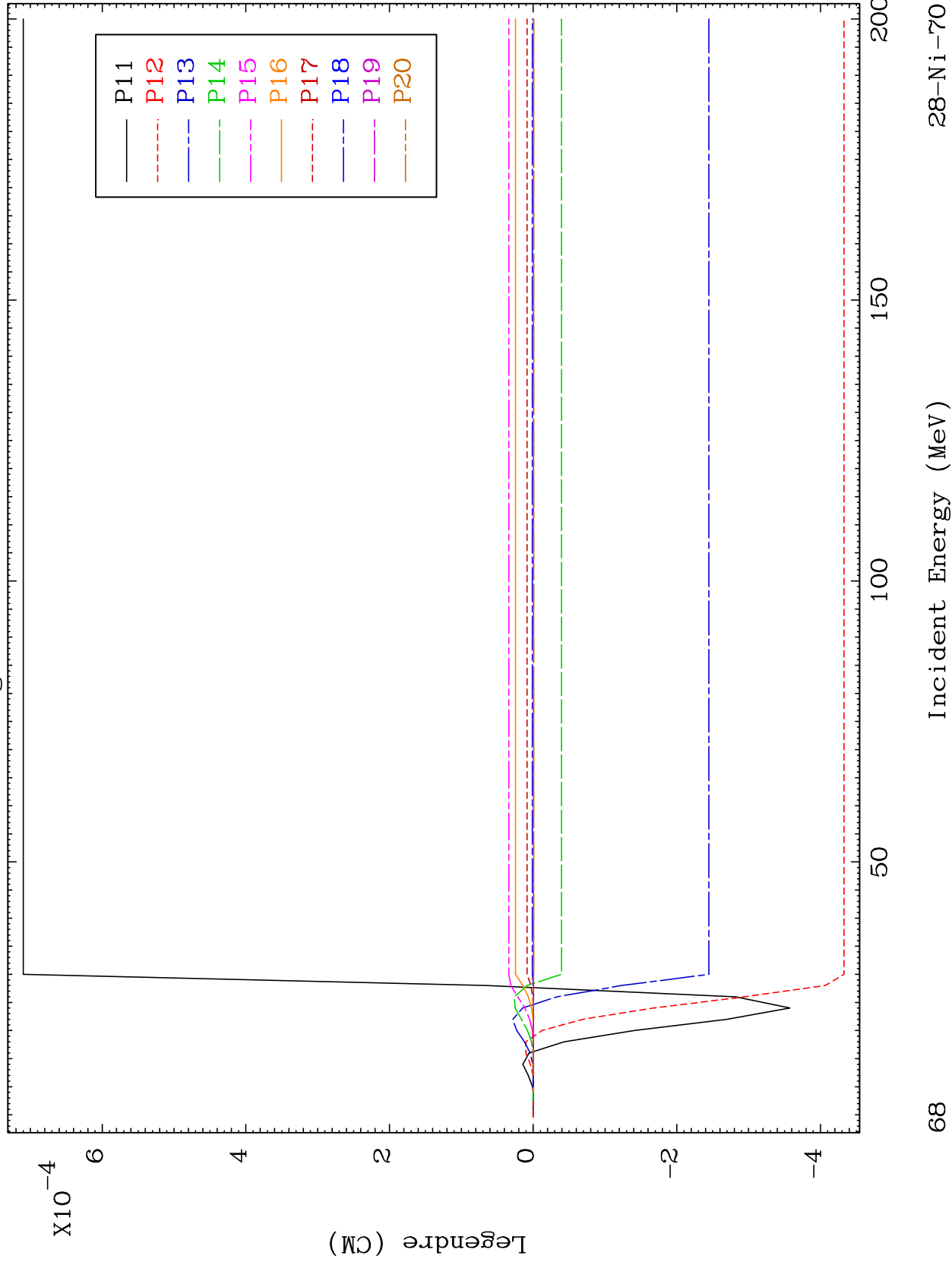
Incident Energy (MeV)

28-Ni-70

MAT 2861

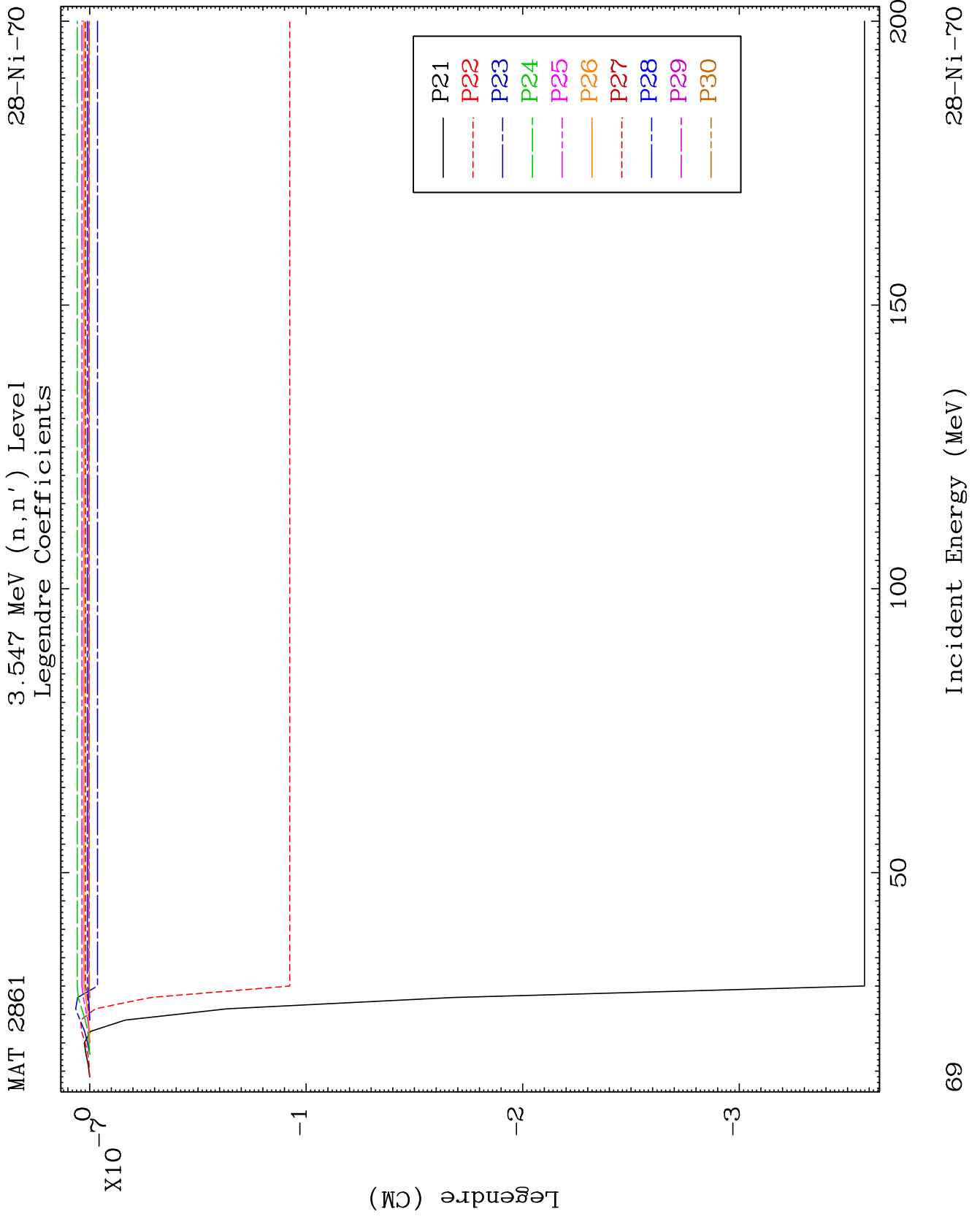
3.547 MeV (n,n') Level
Legendre Coefficients

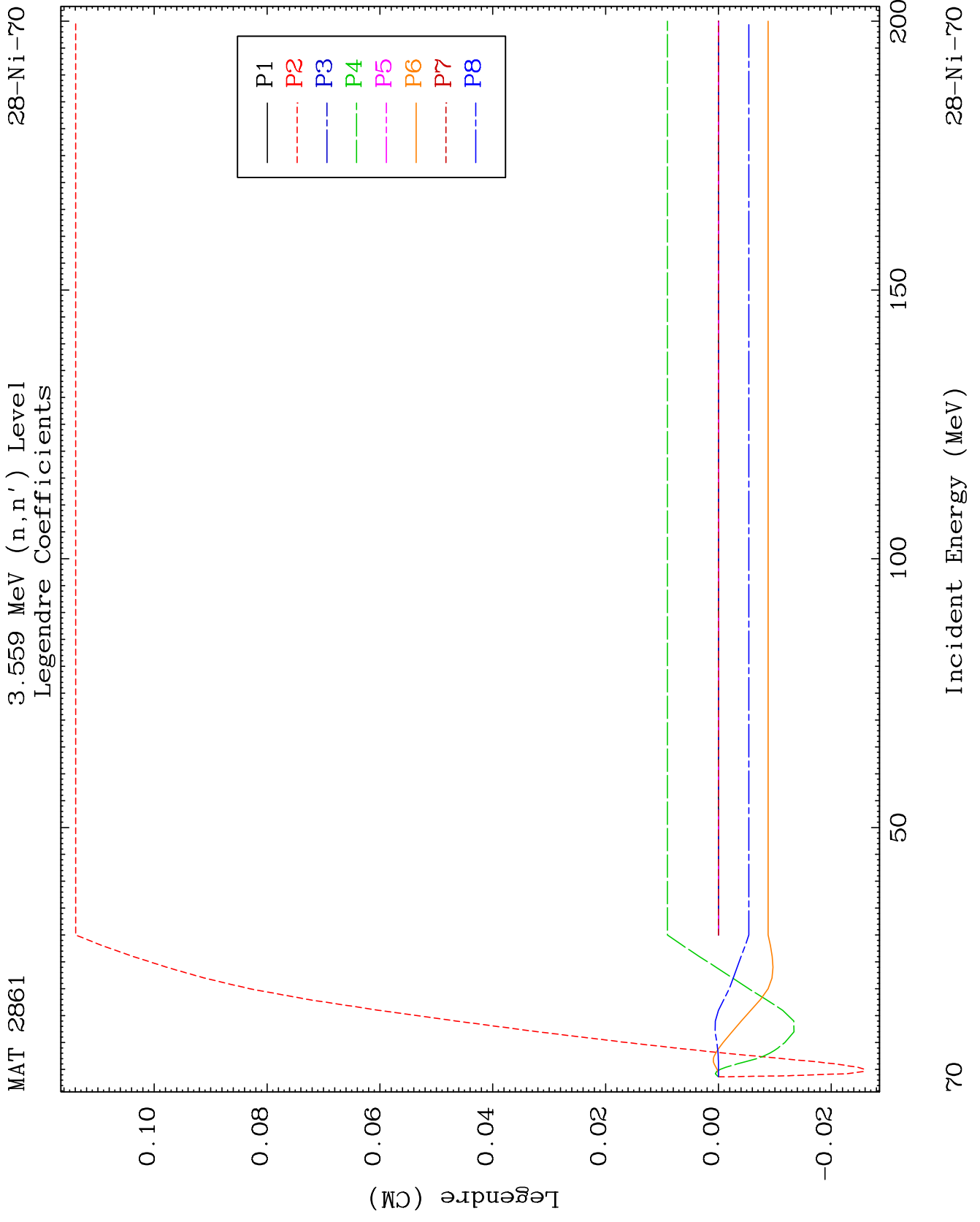
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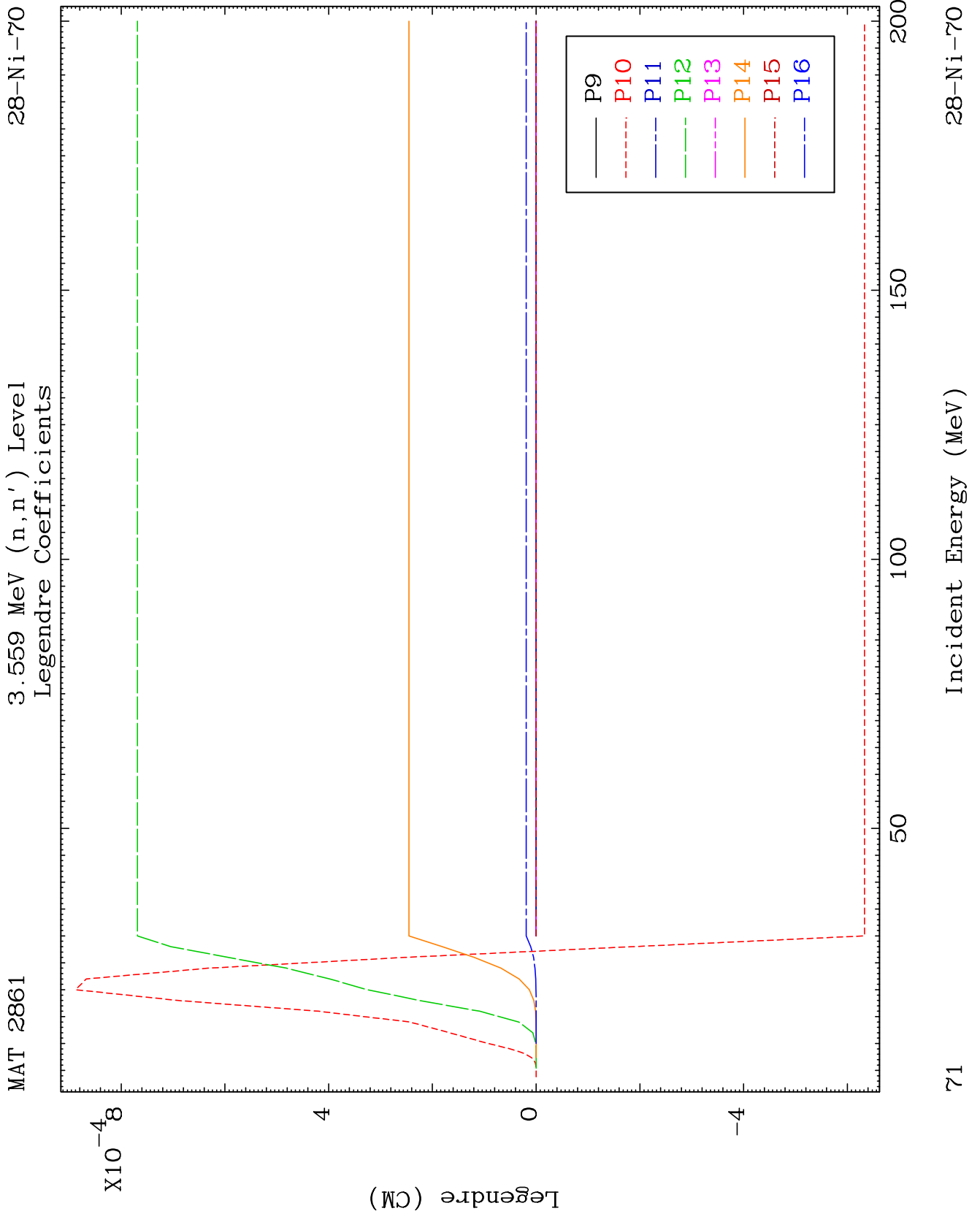


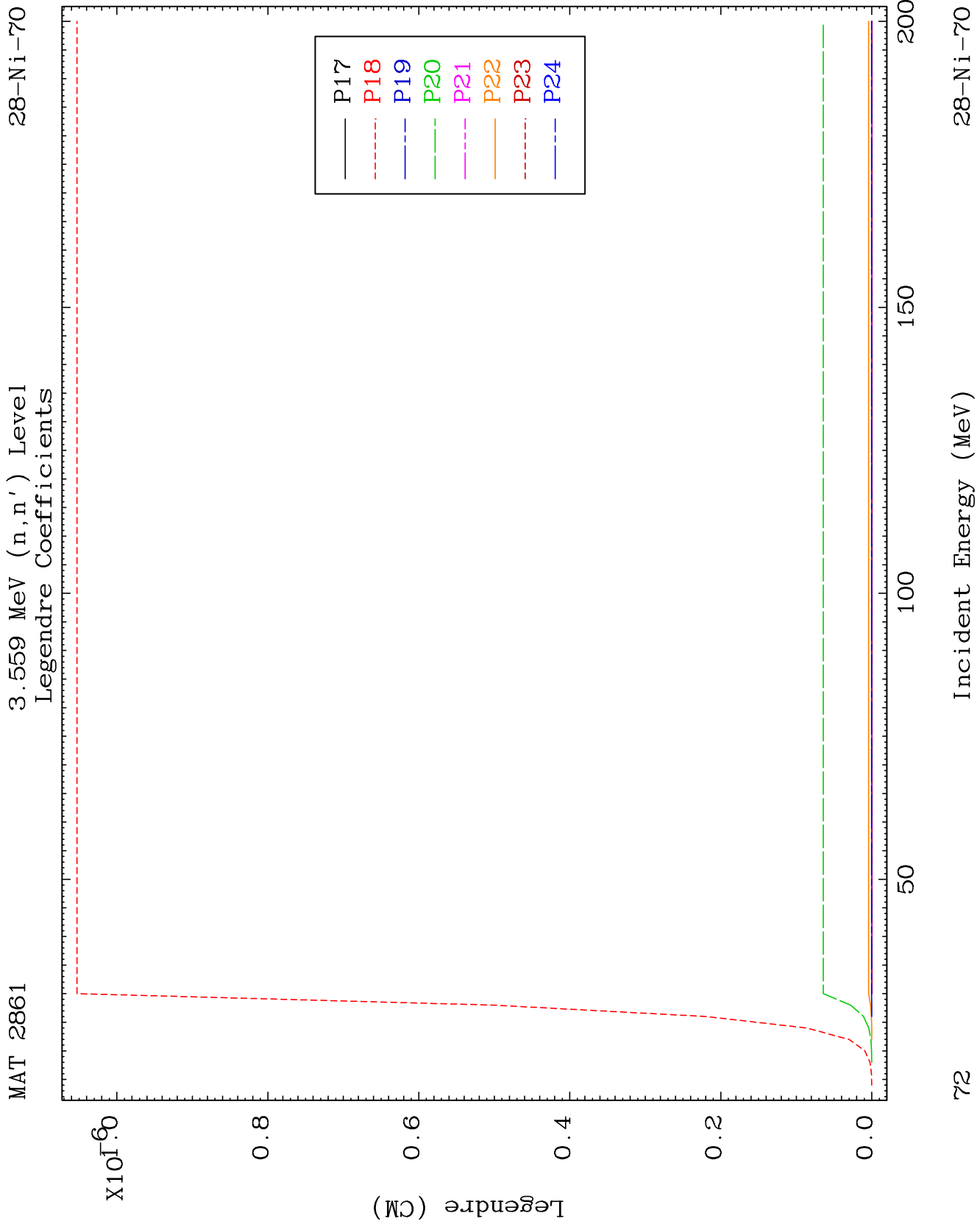
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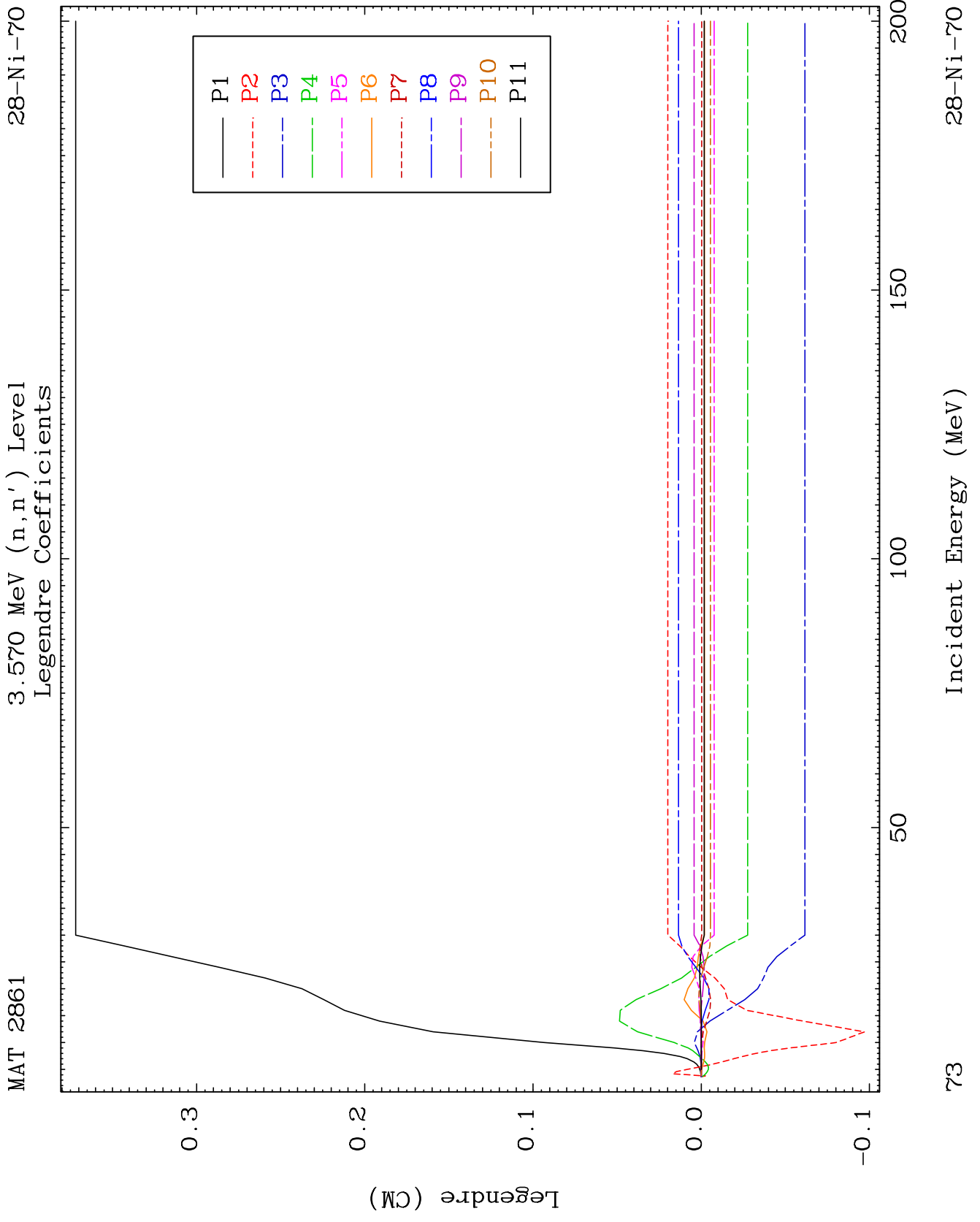
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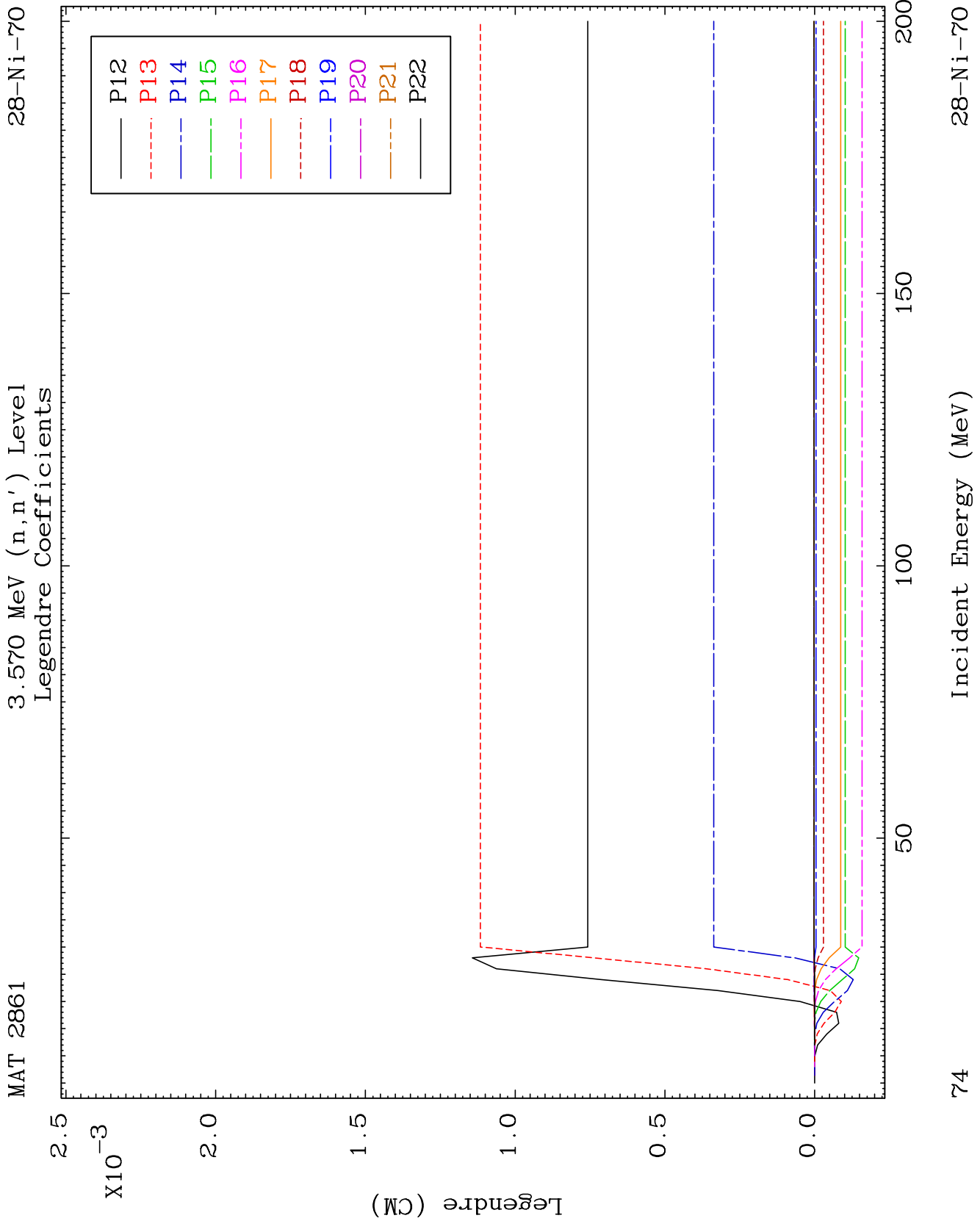


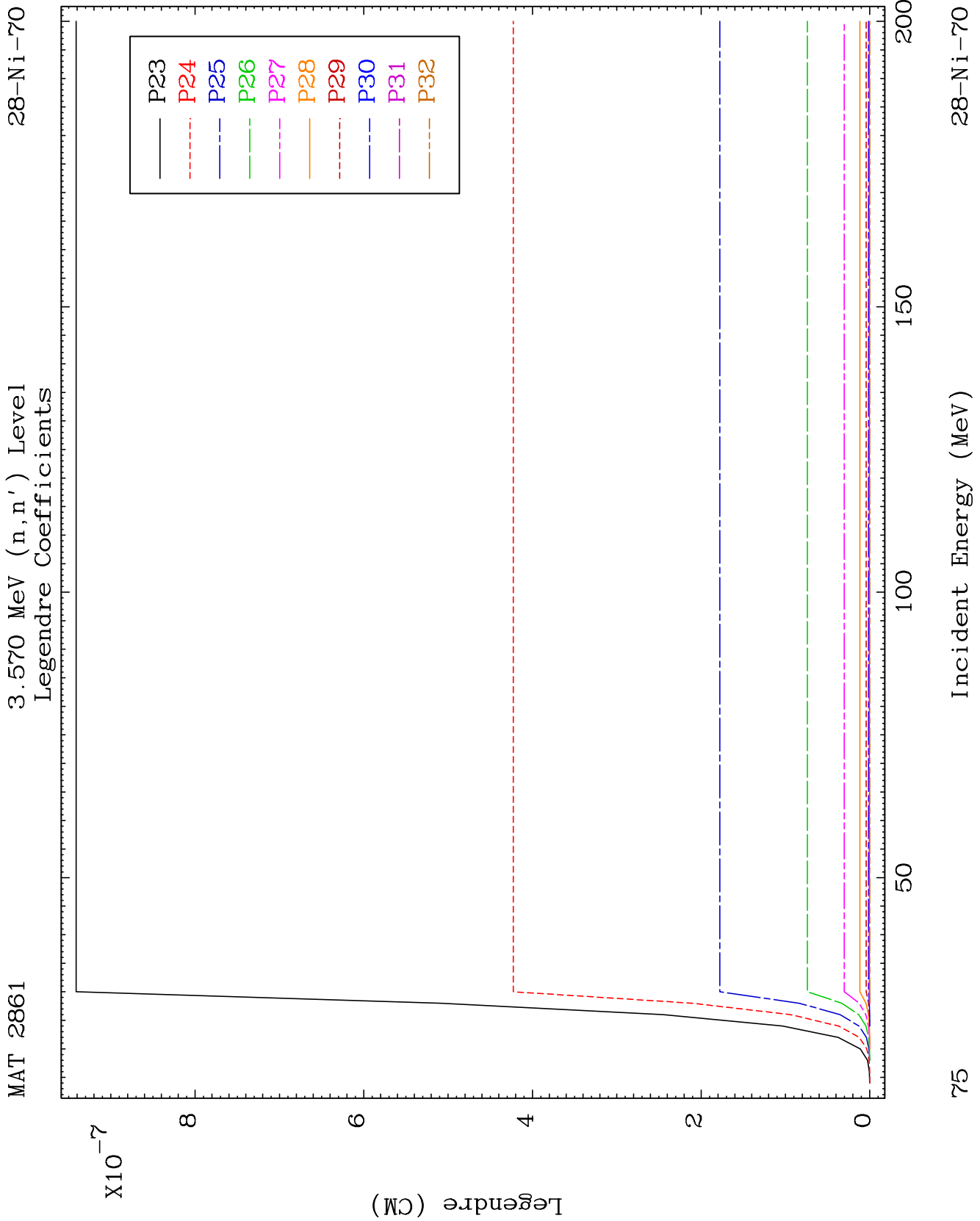


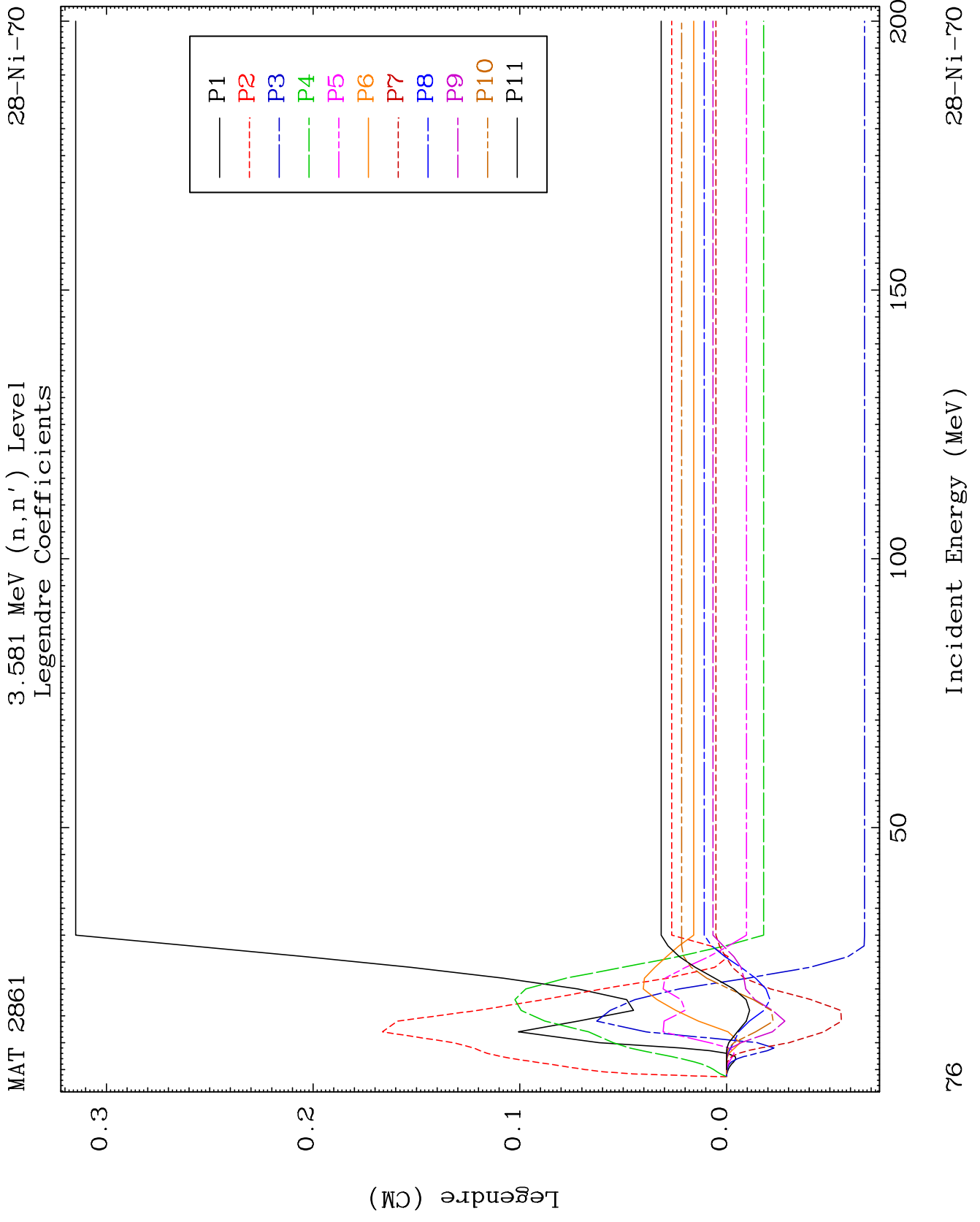








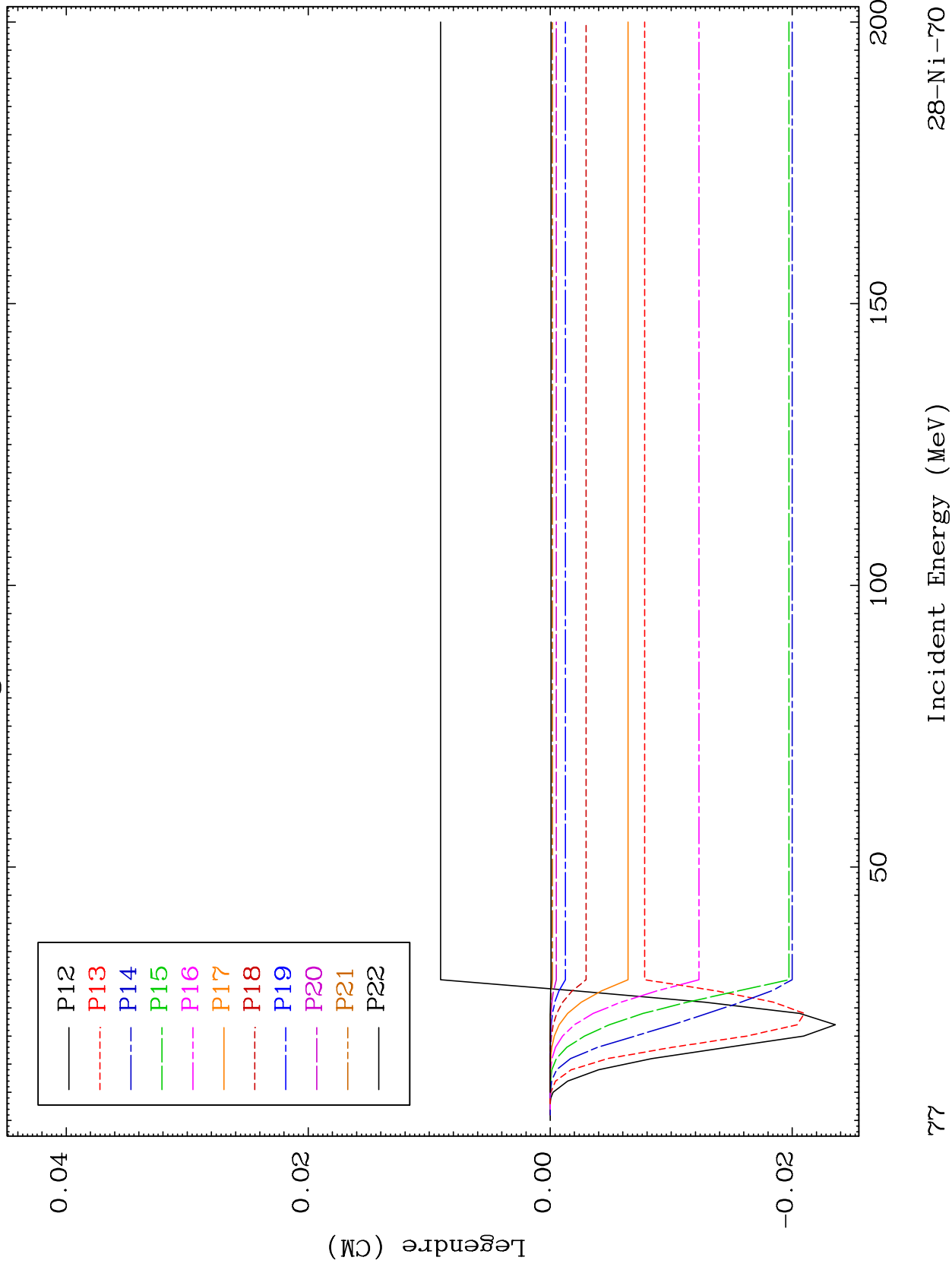




MAT 2861

3.581 MeV (n,n') Level
Legendre Coefficients

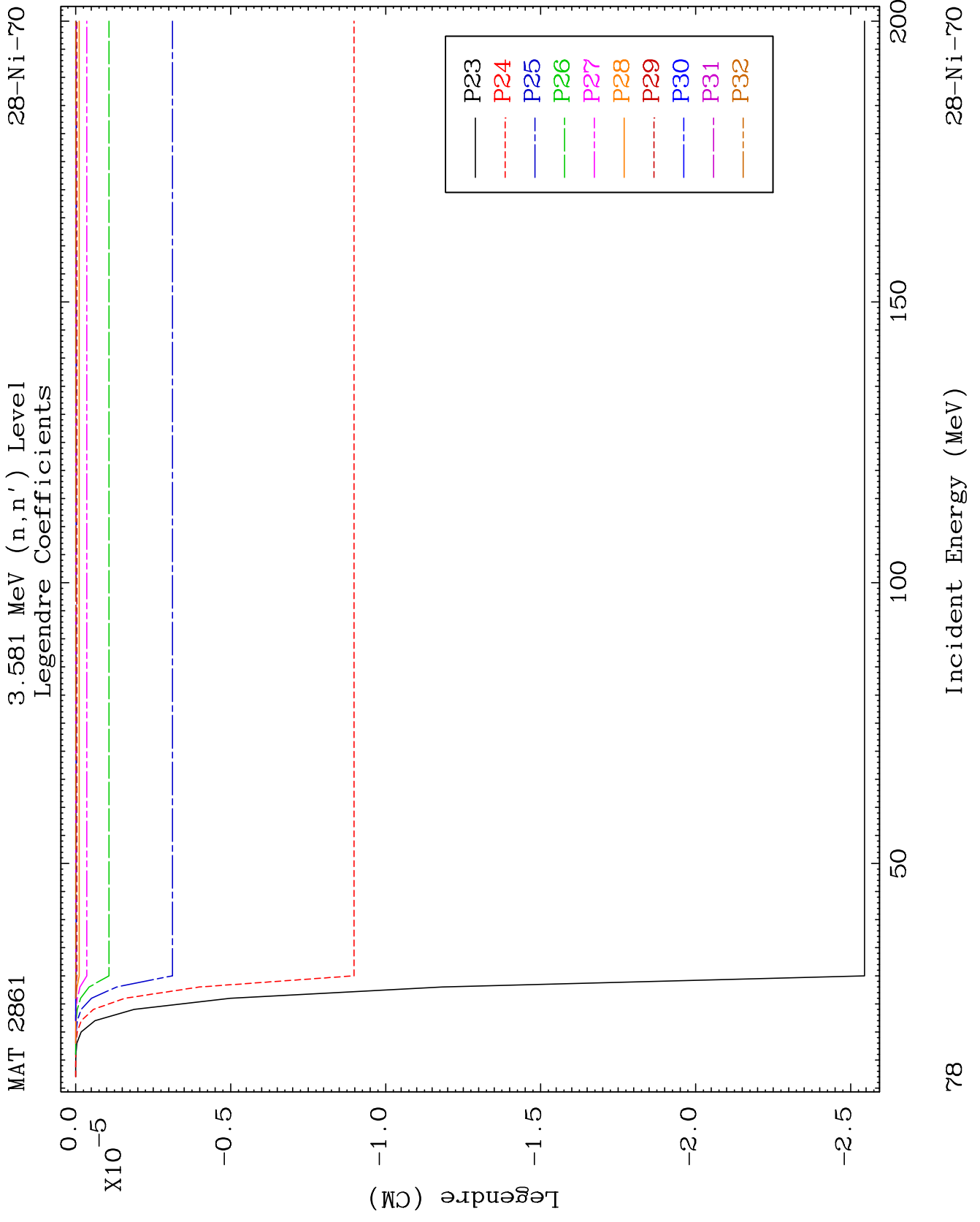
28-Ni-70

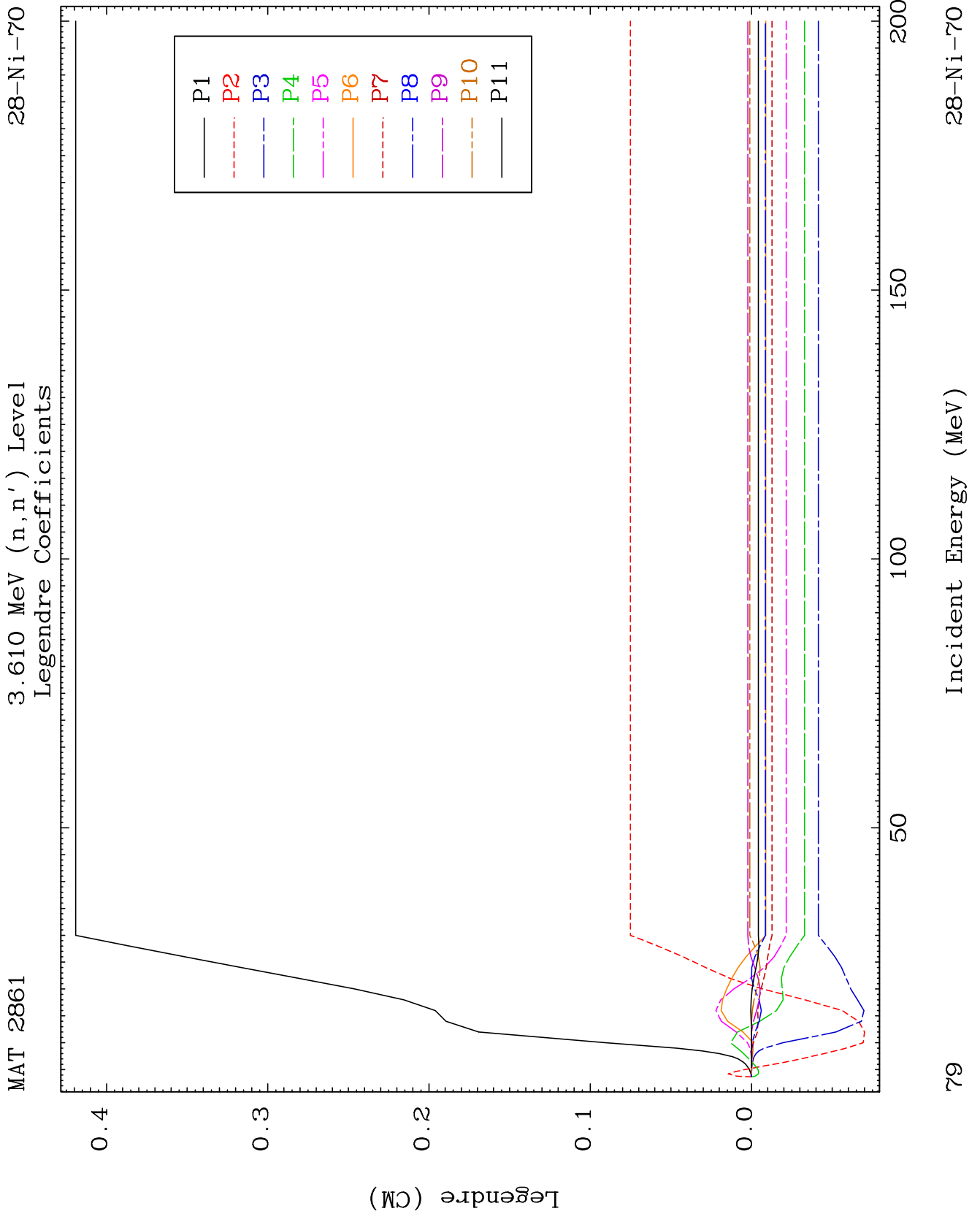


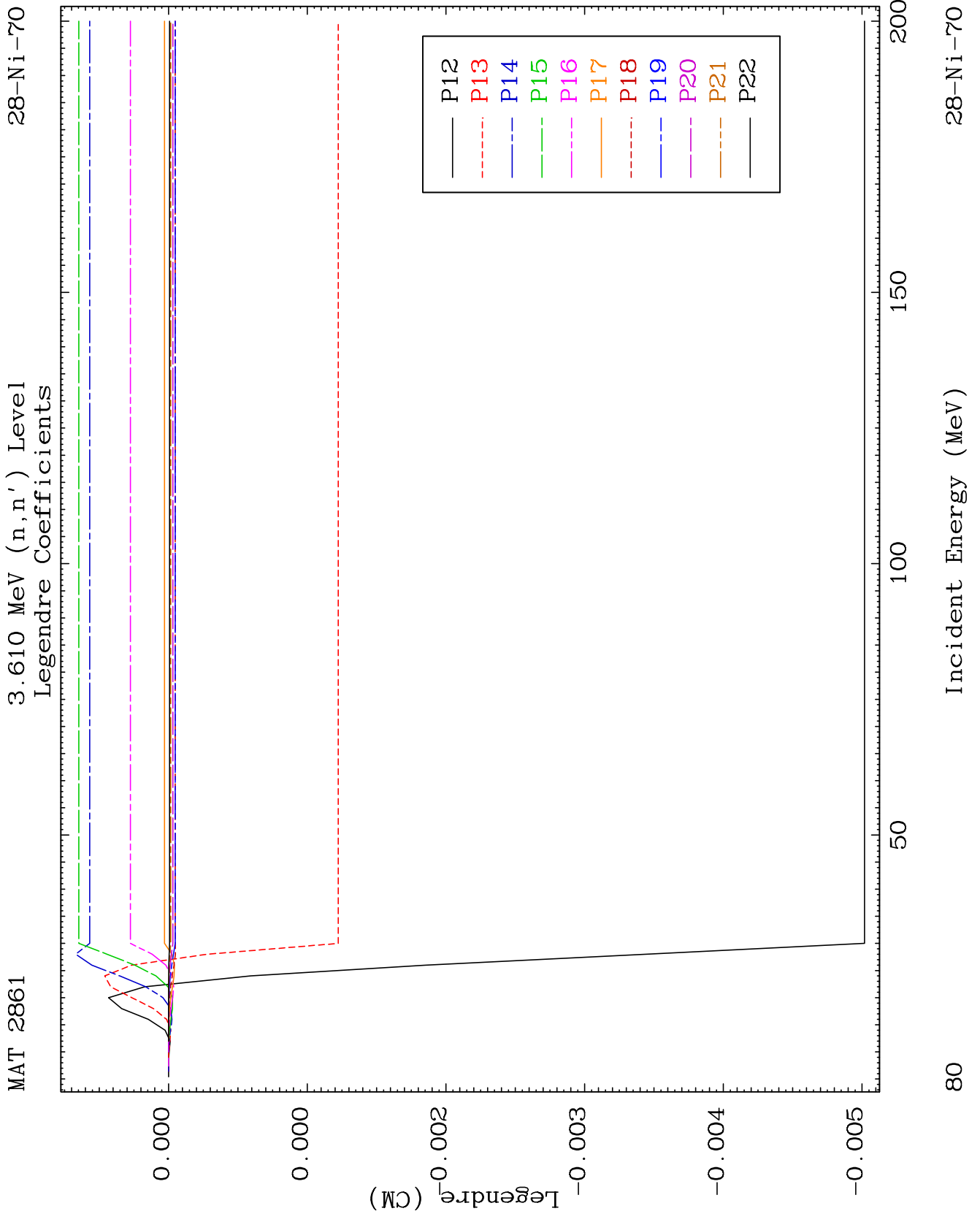
77

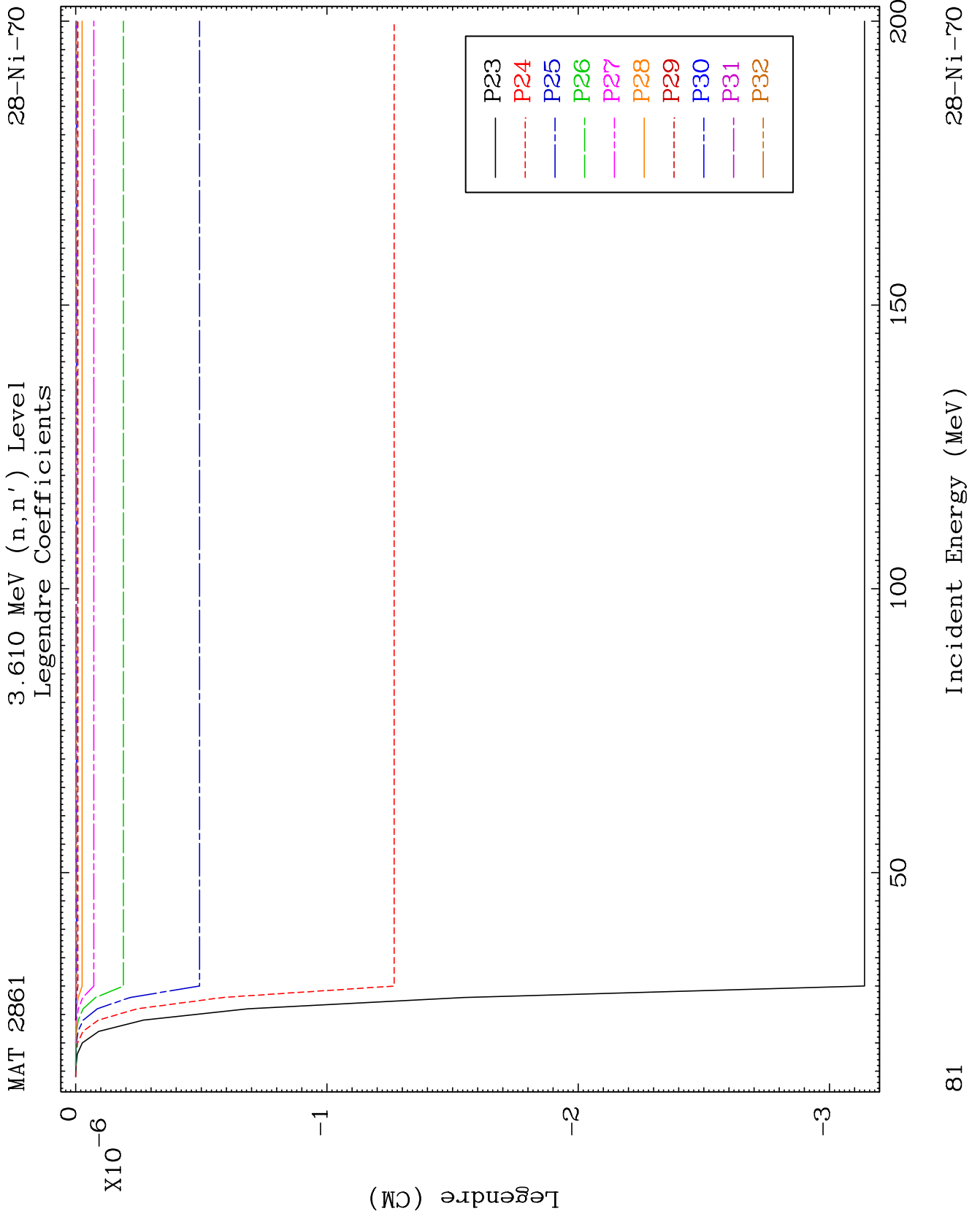
Incident Energy (MeV)

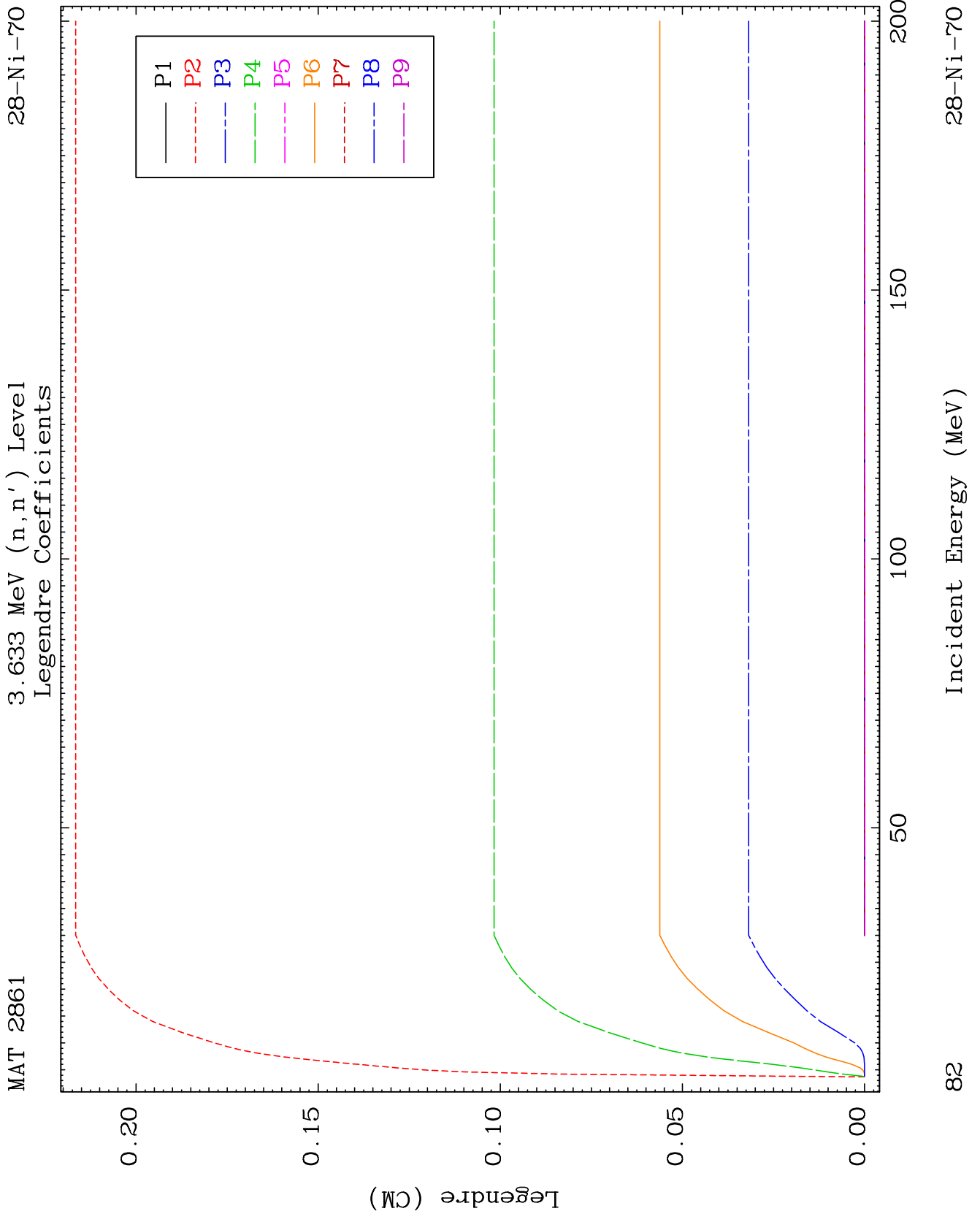
28-Ni-70







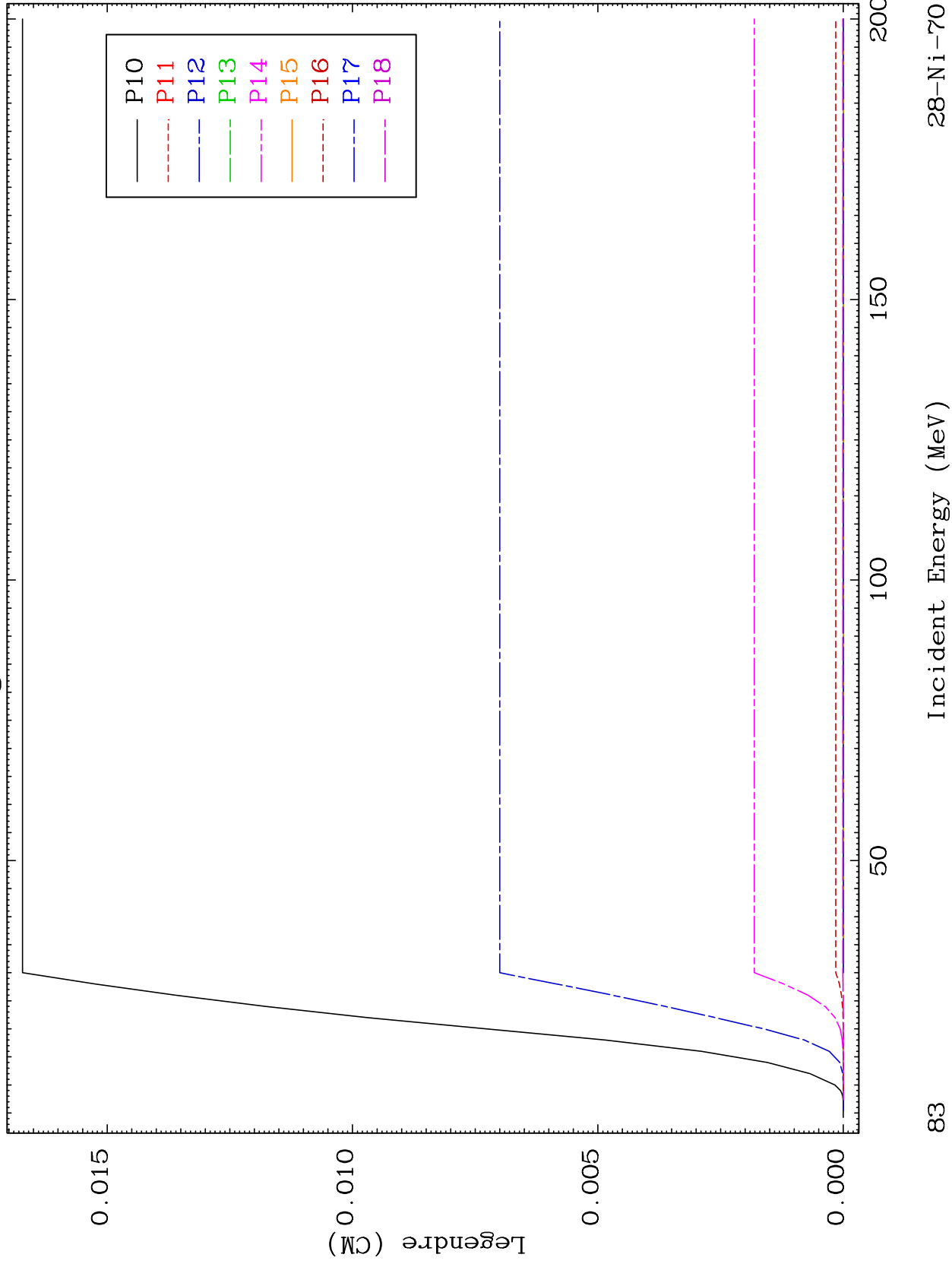




MAT 2861

3.633 MeV (n,n') Level
Legendre Coefficients

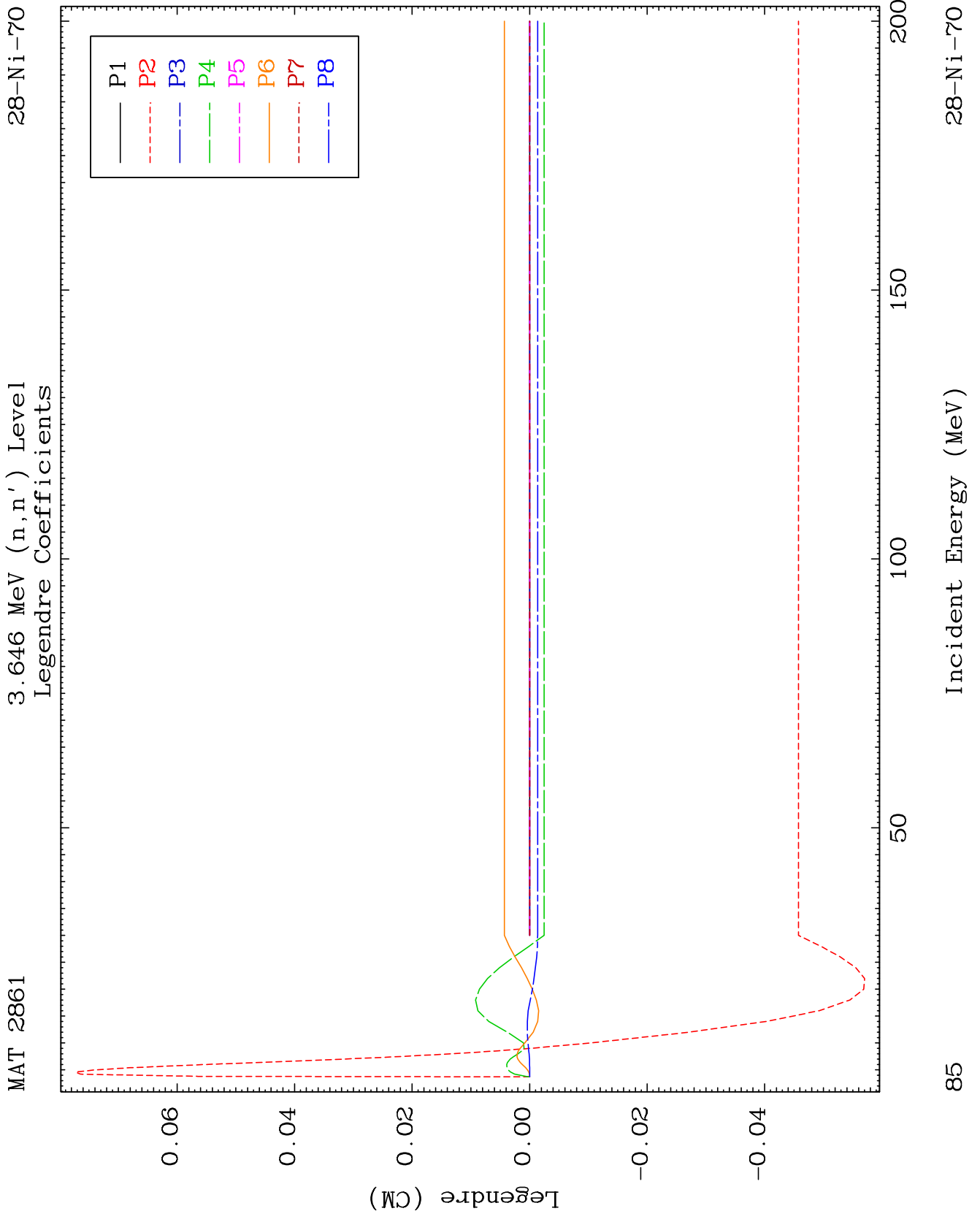
28-Ni-70

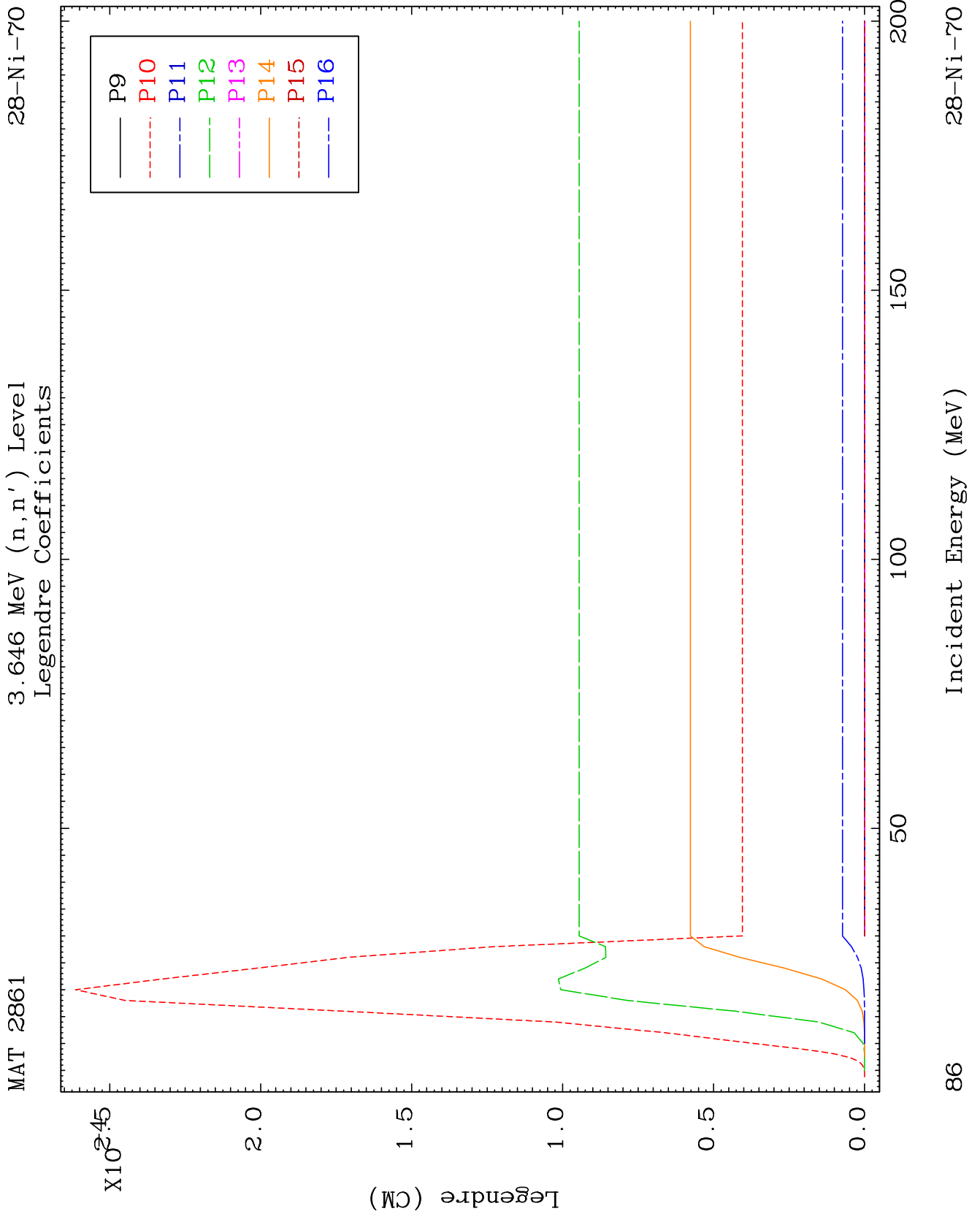


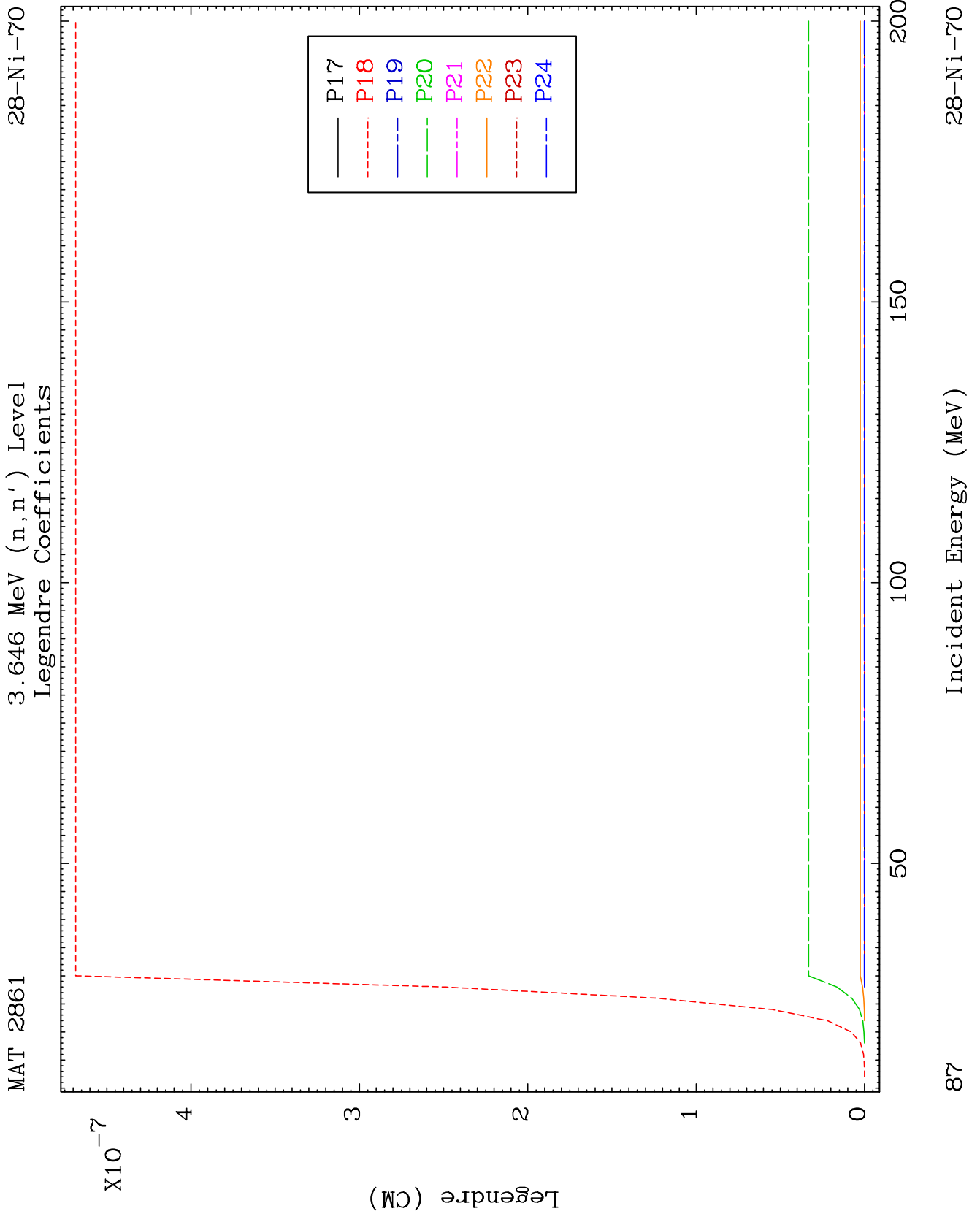
83

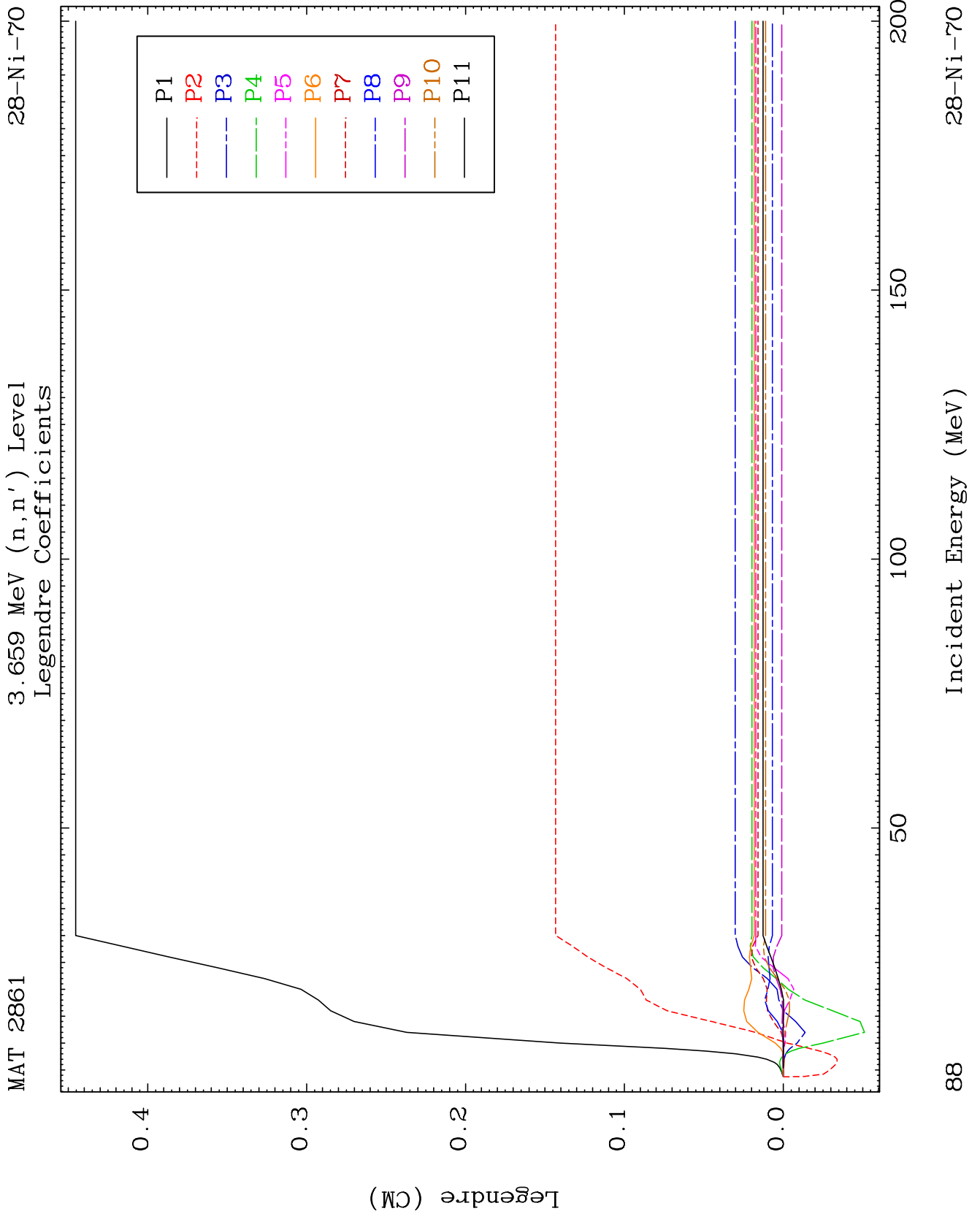
Incident Energy (MeV)

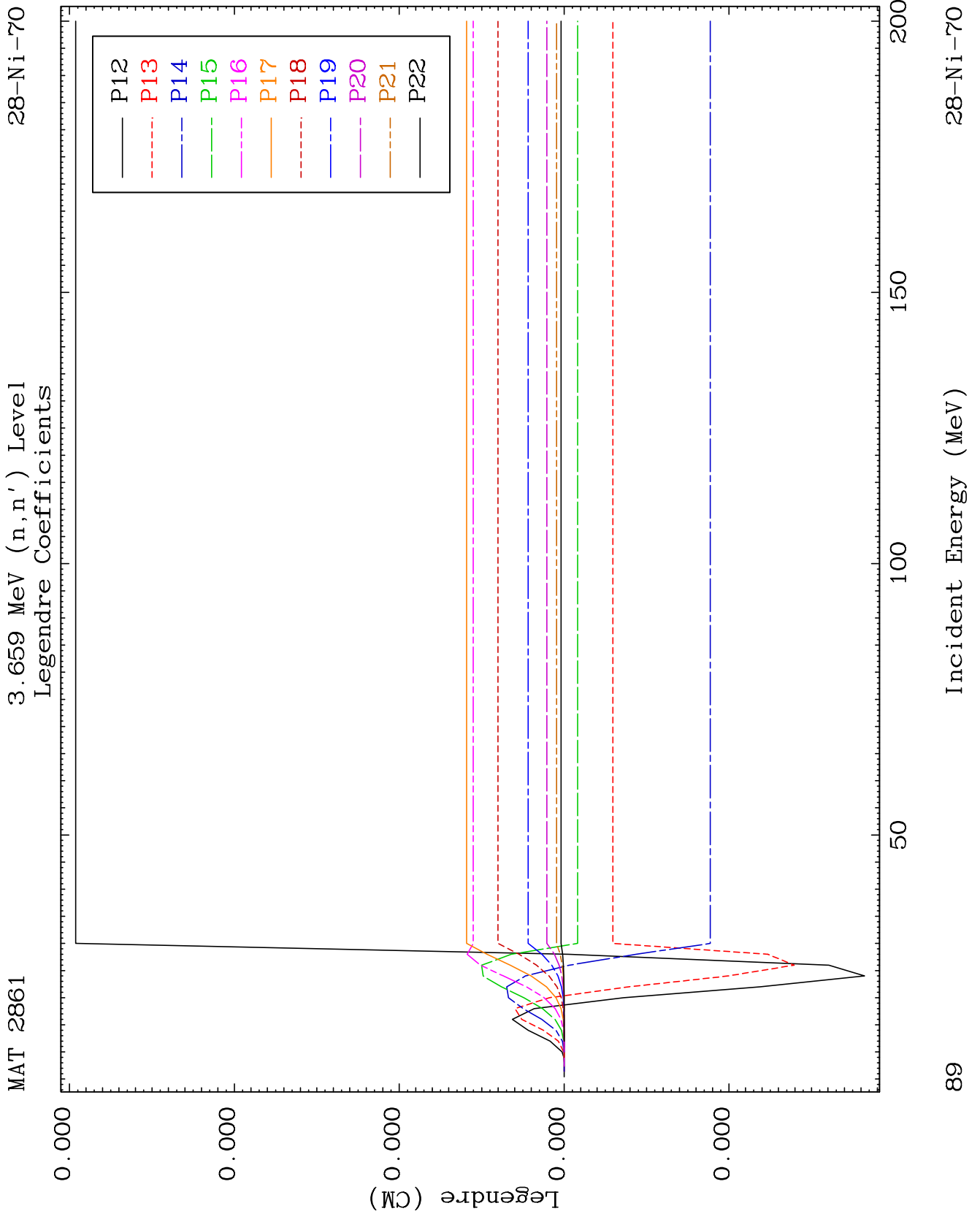
28-Ni-70

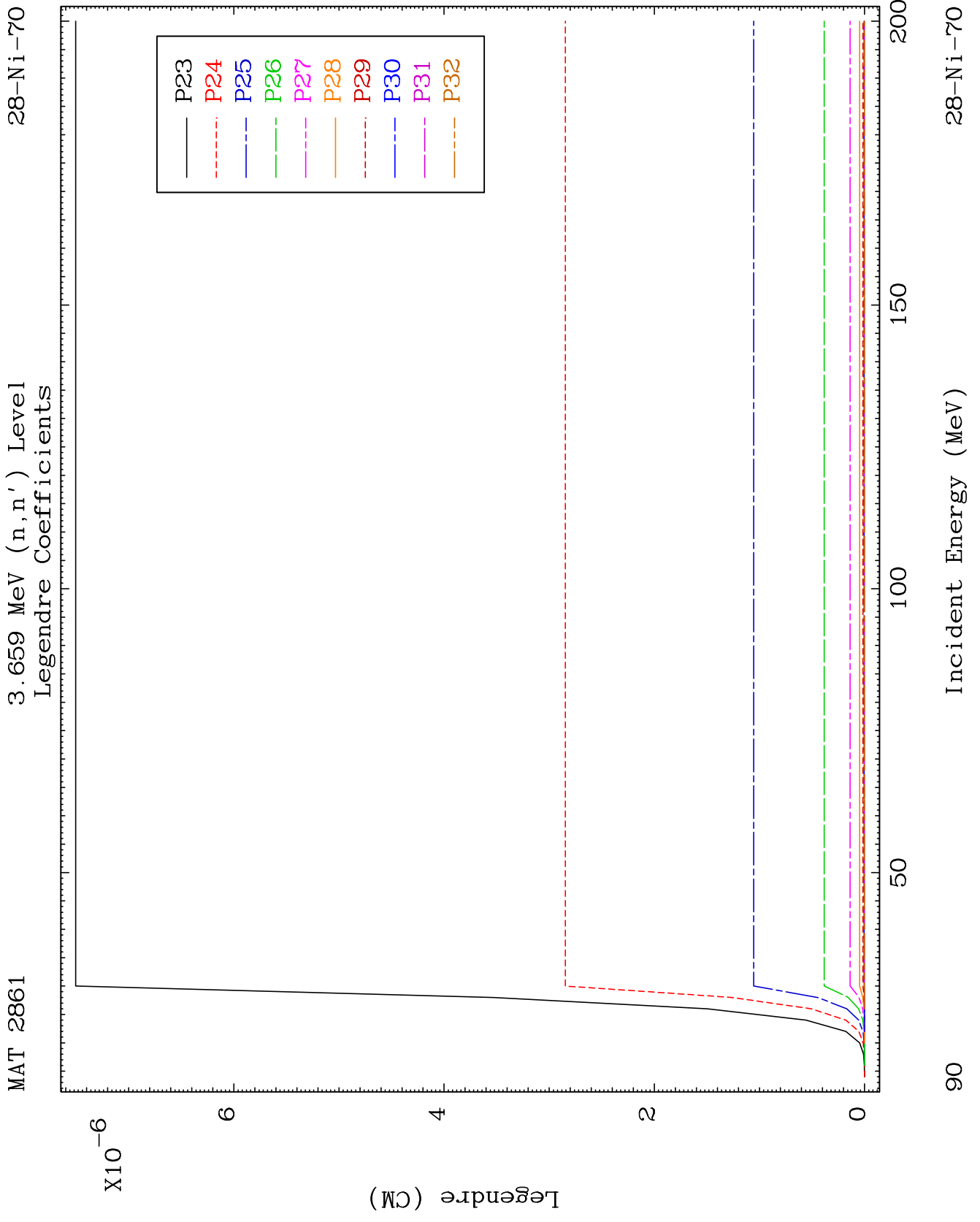








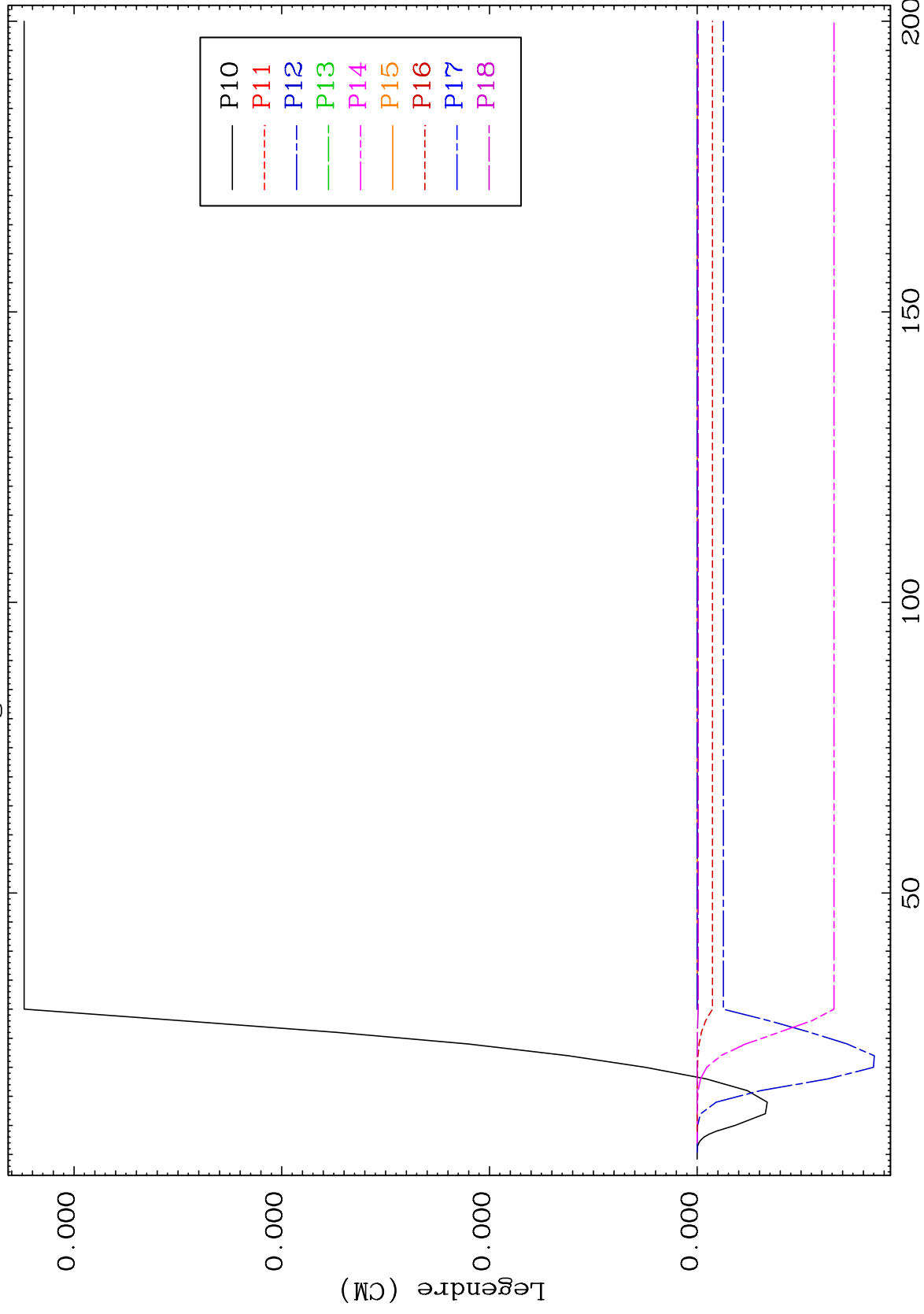




MAT 2861

3.711 MeV (n,n') Level
Legendre Coefficients

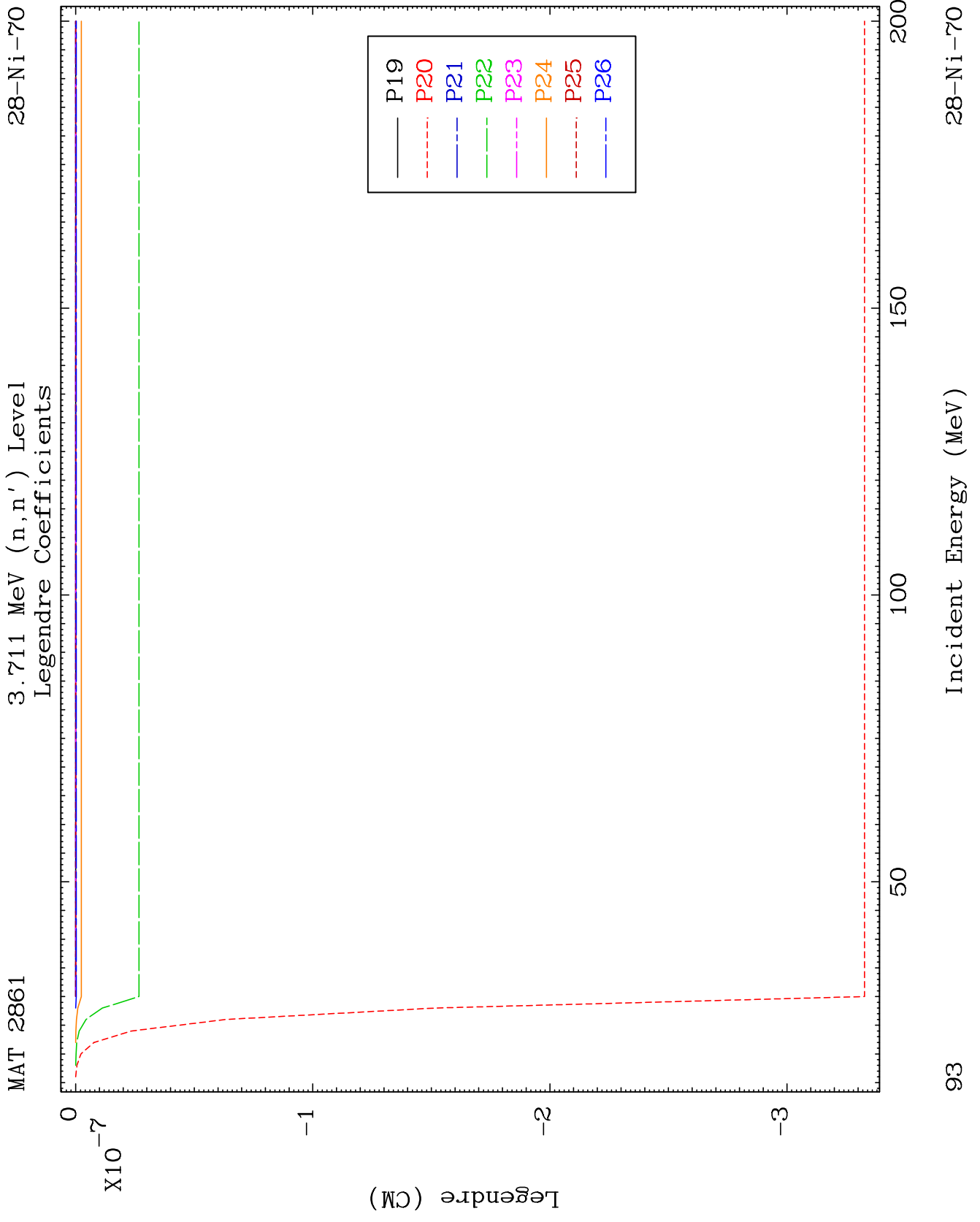
28-Ni-70

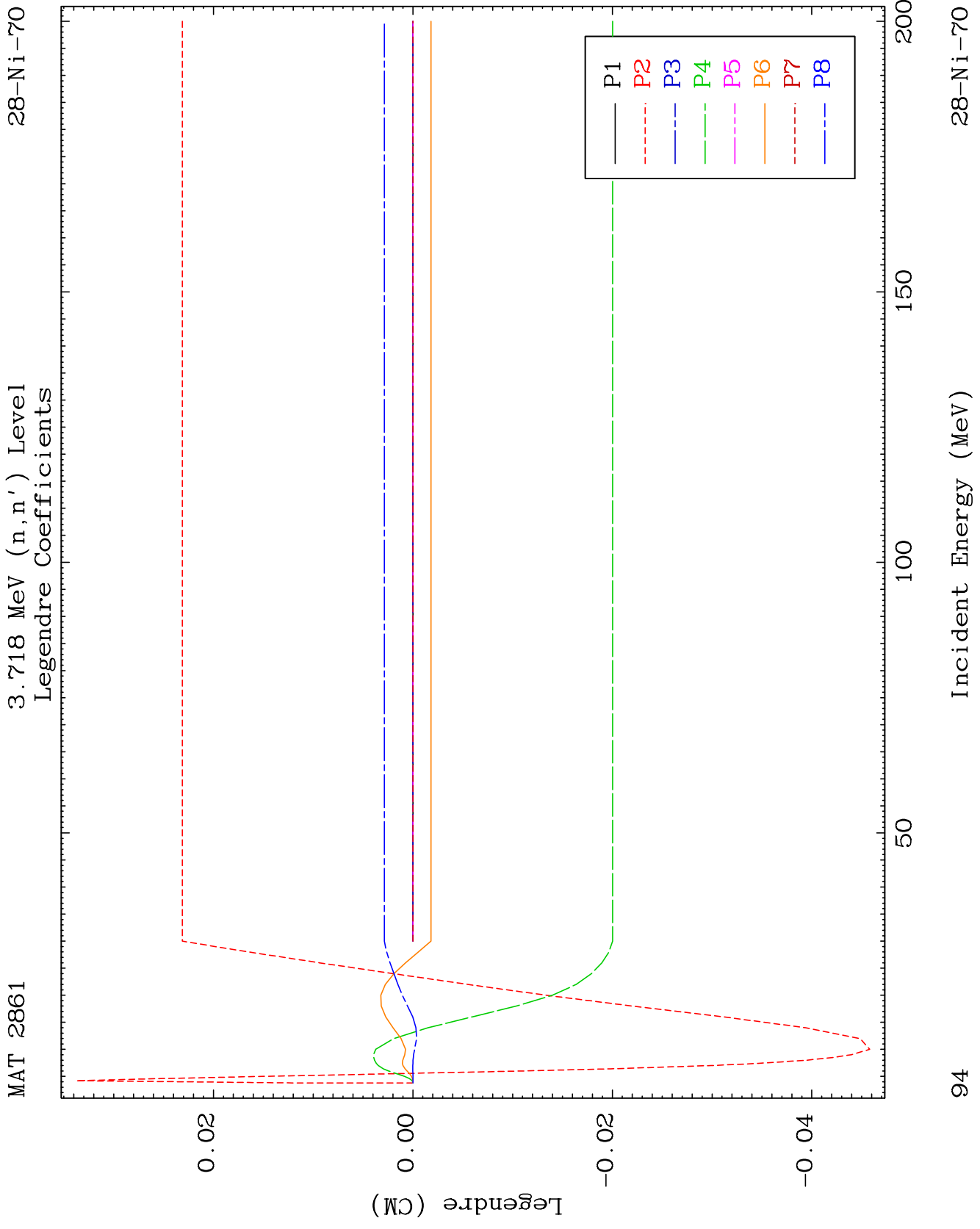


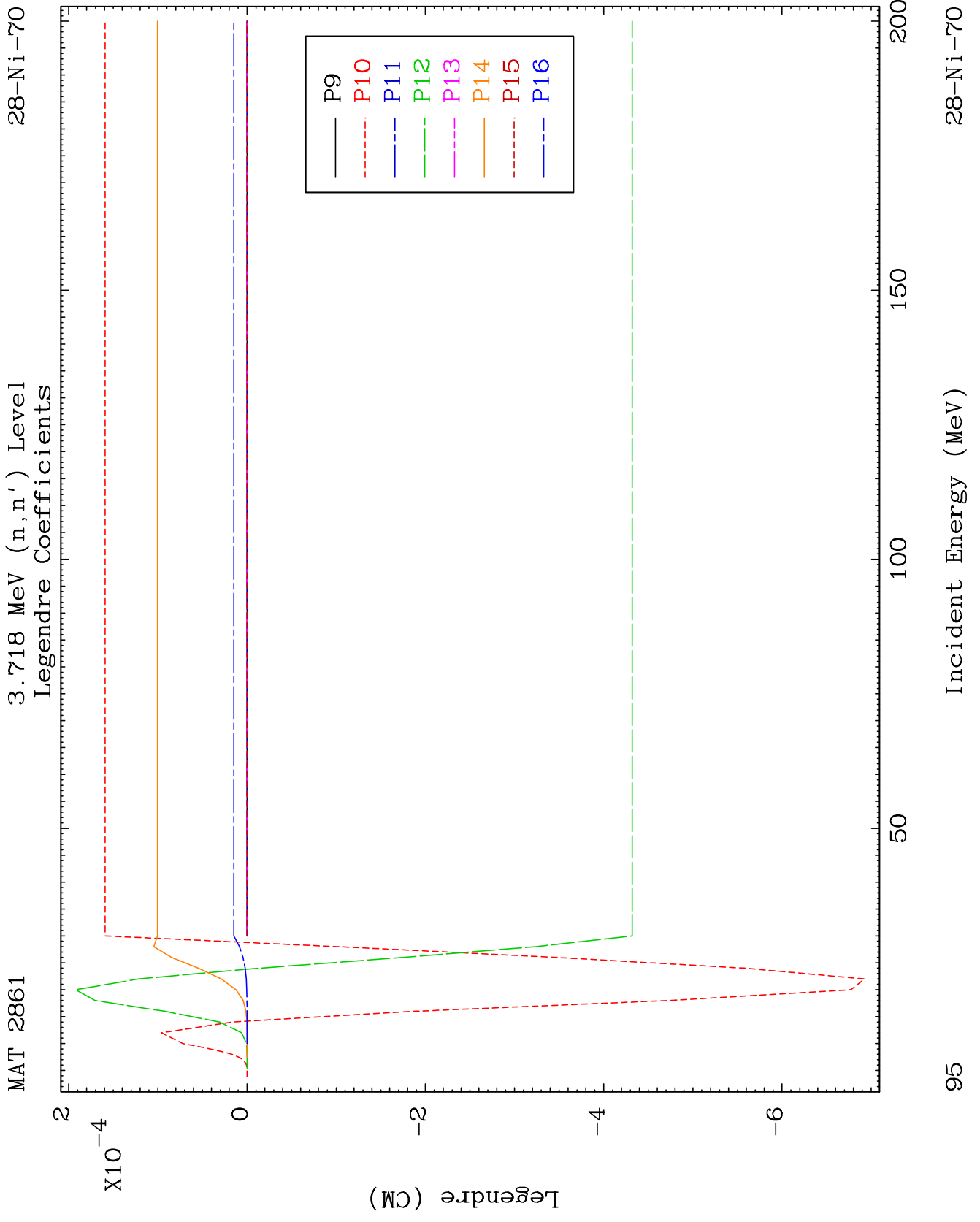
92

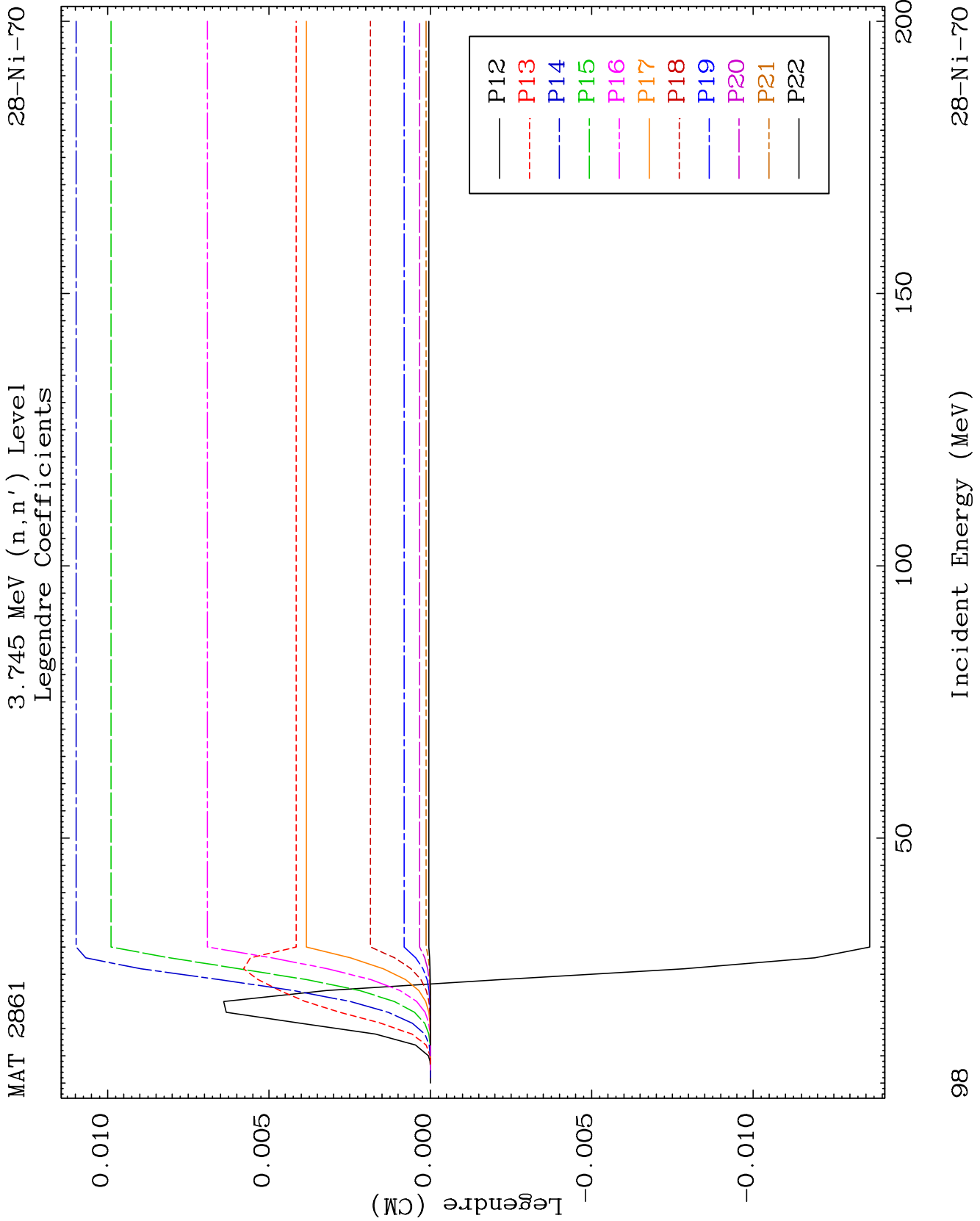
Incident Energy (MeV)

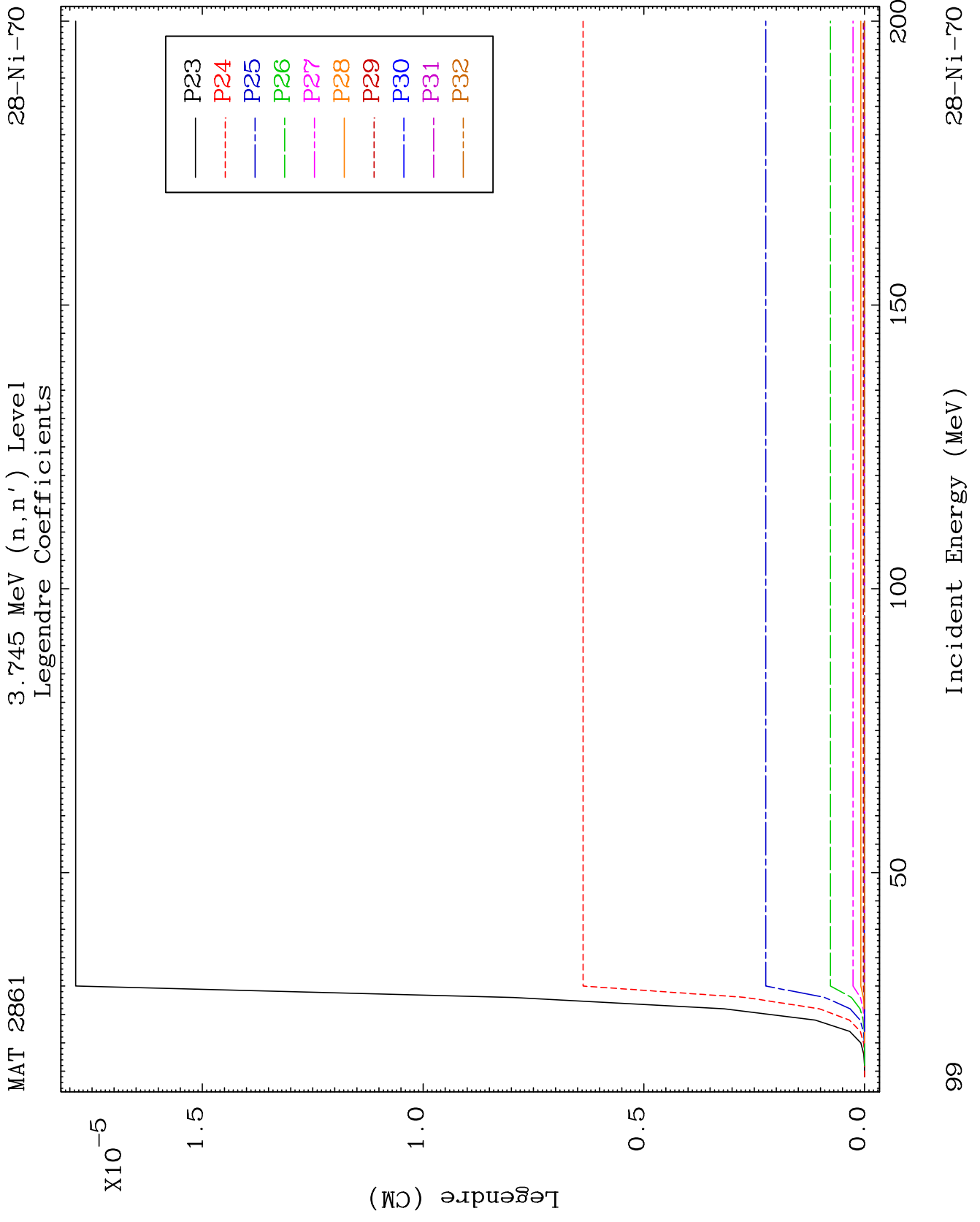
28-Ni-70

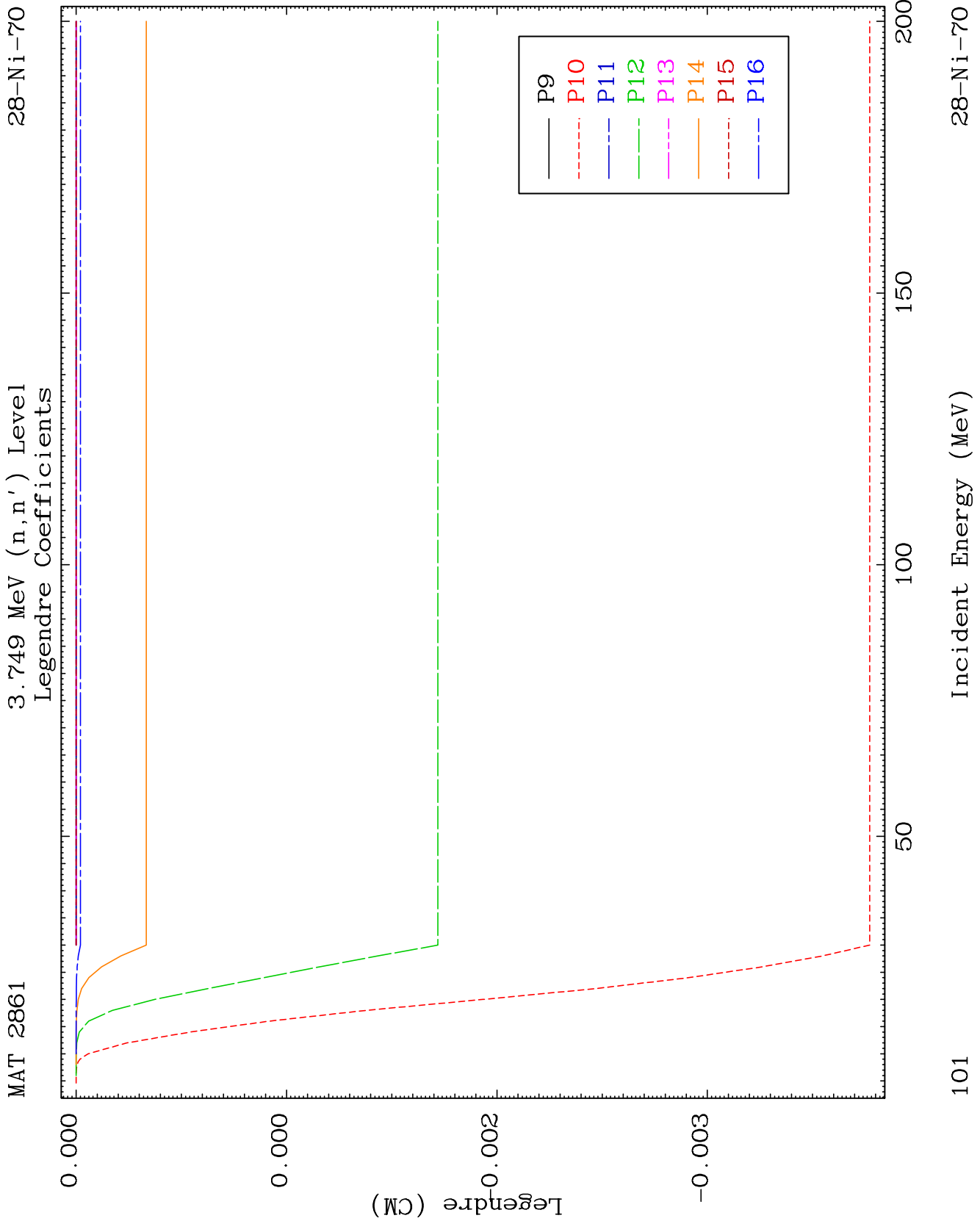


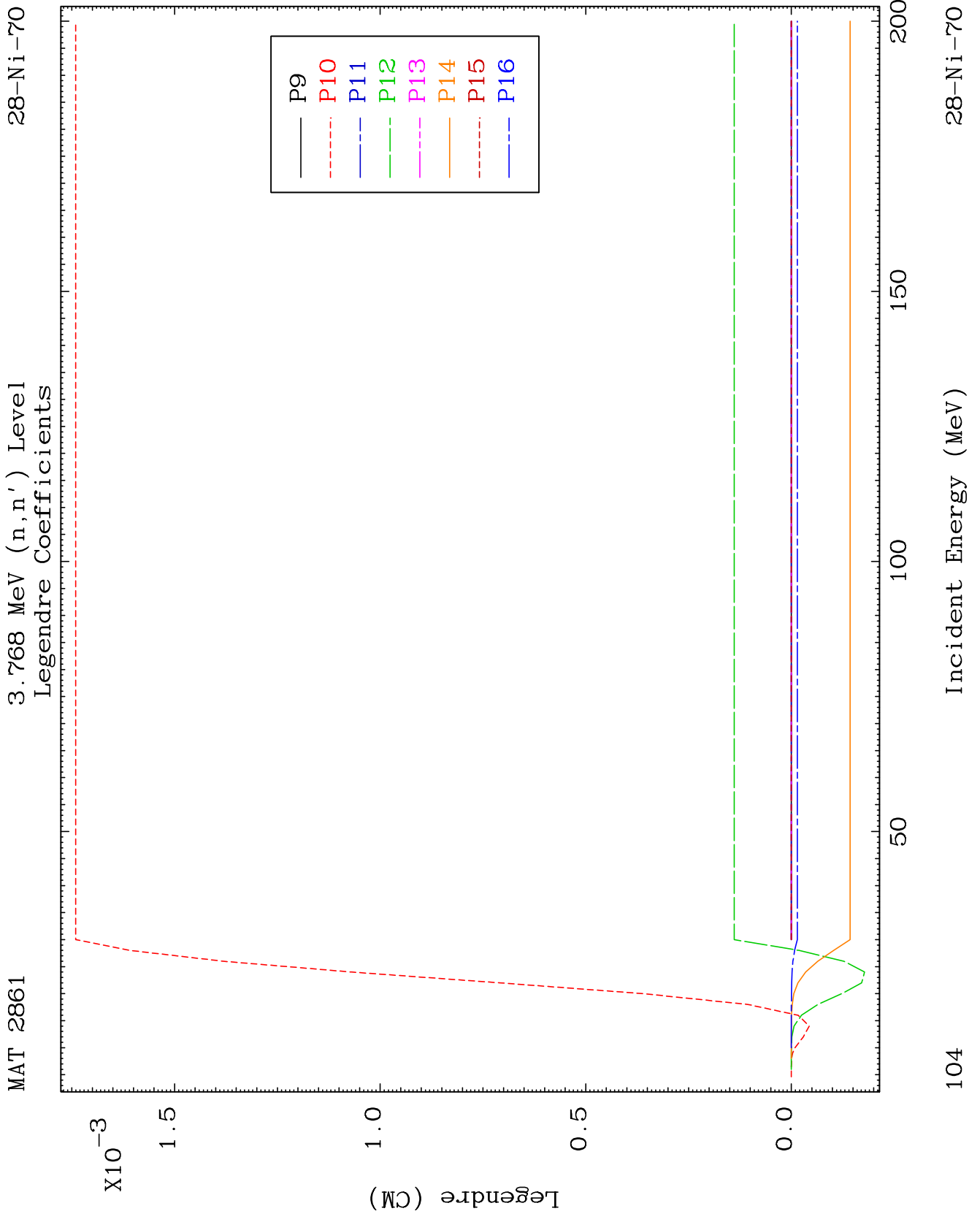


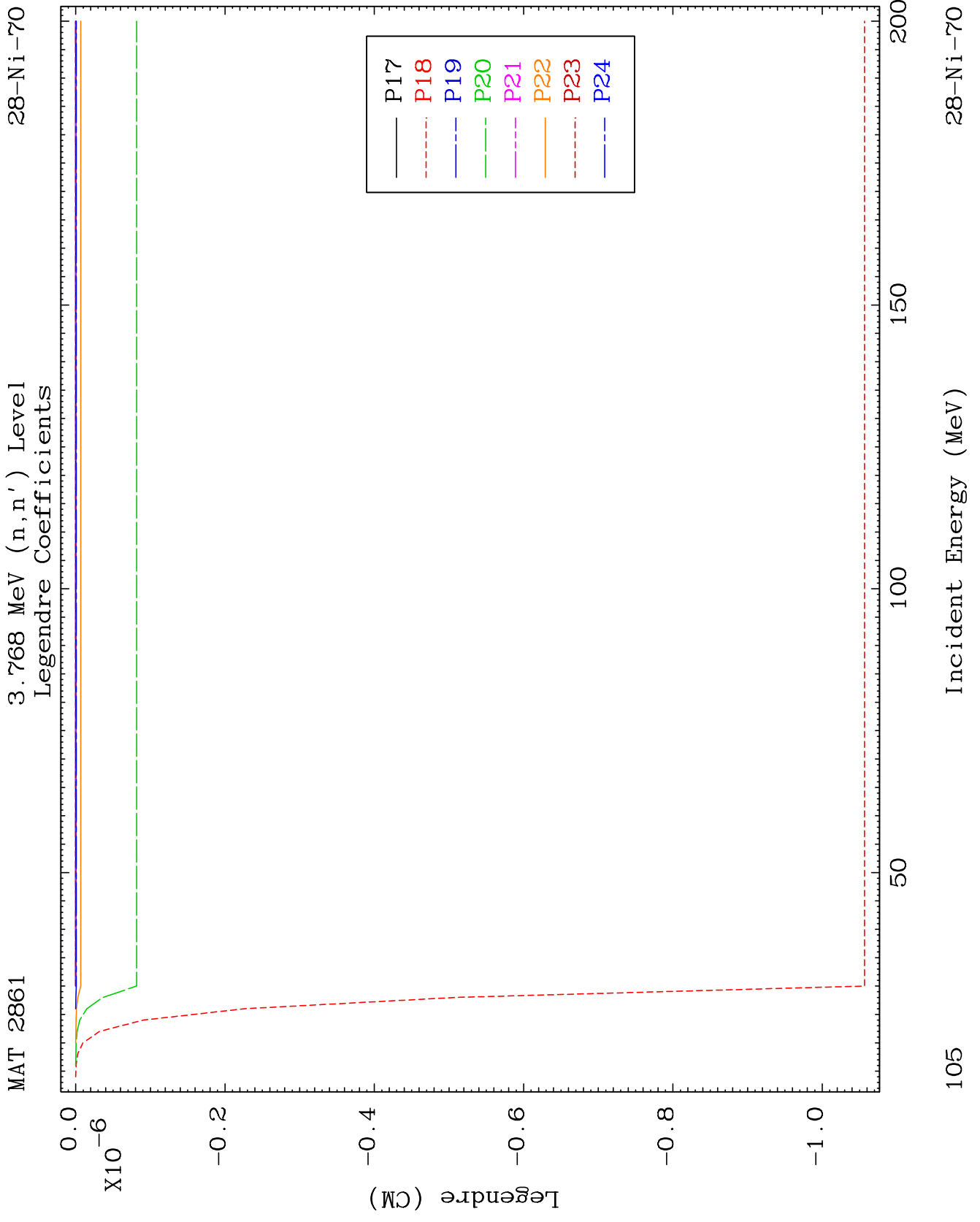


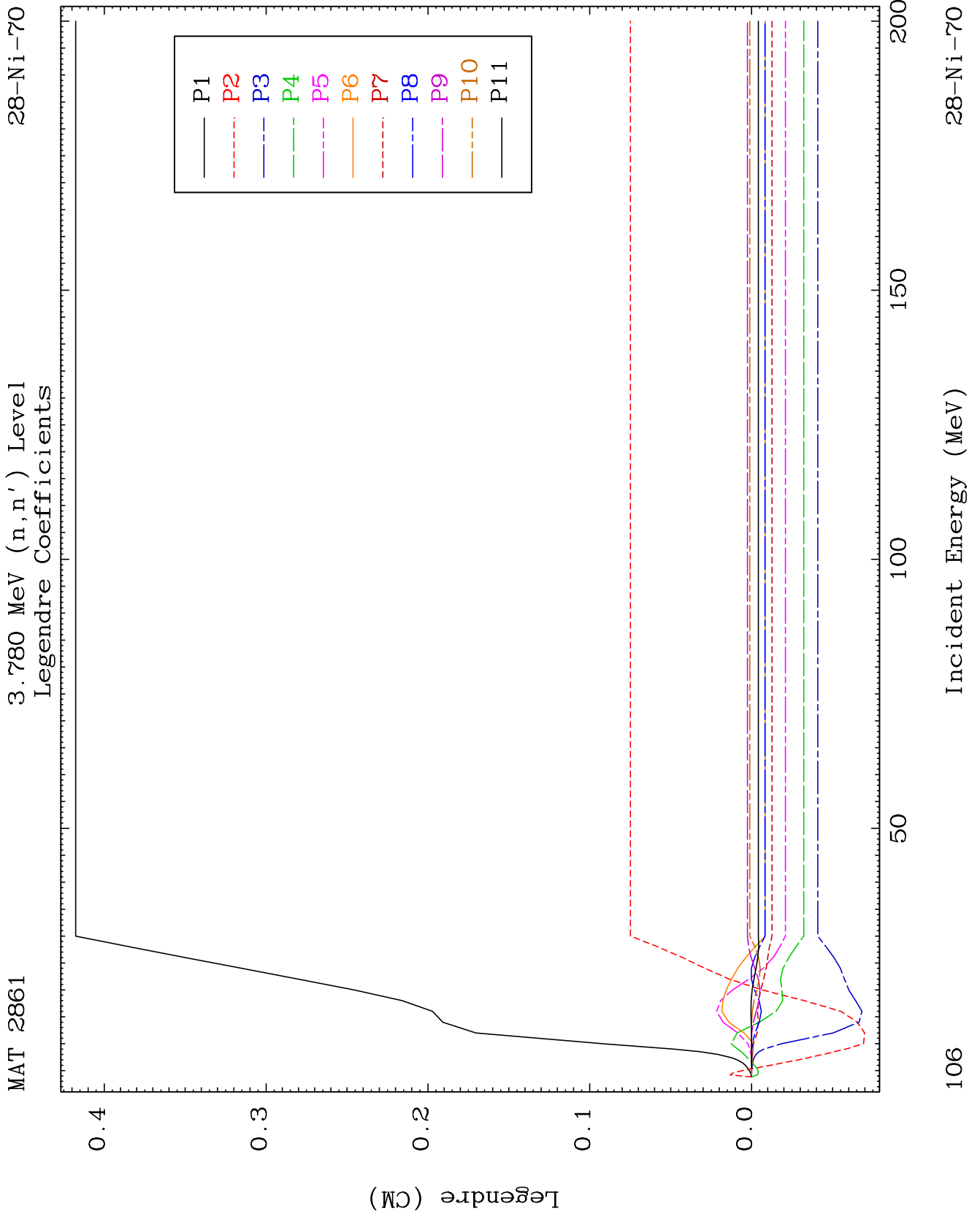


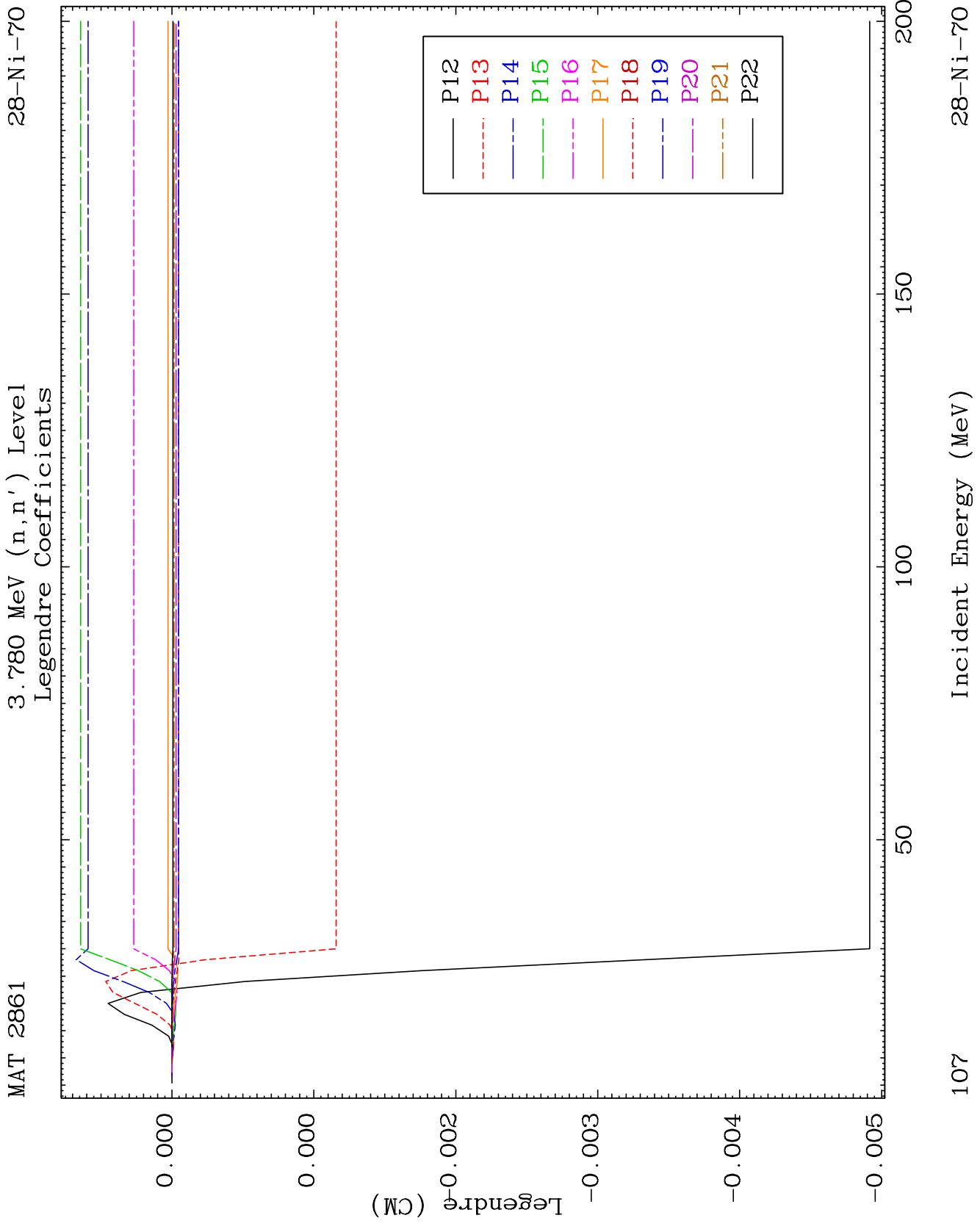


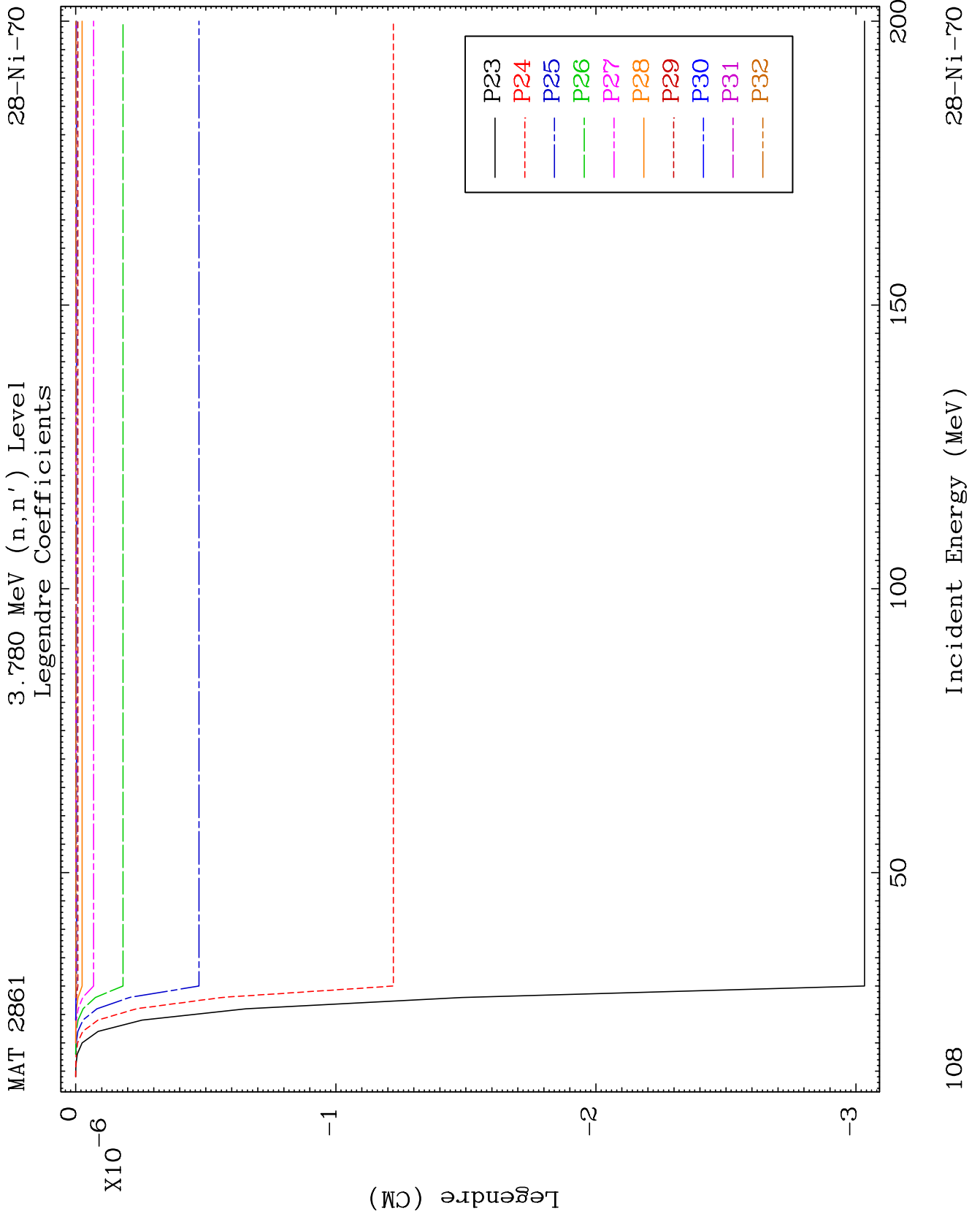










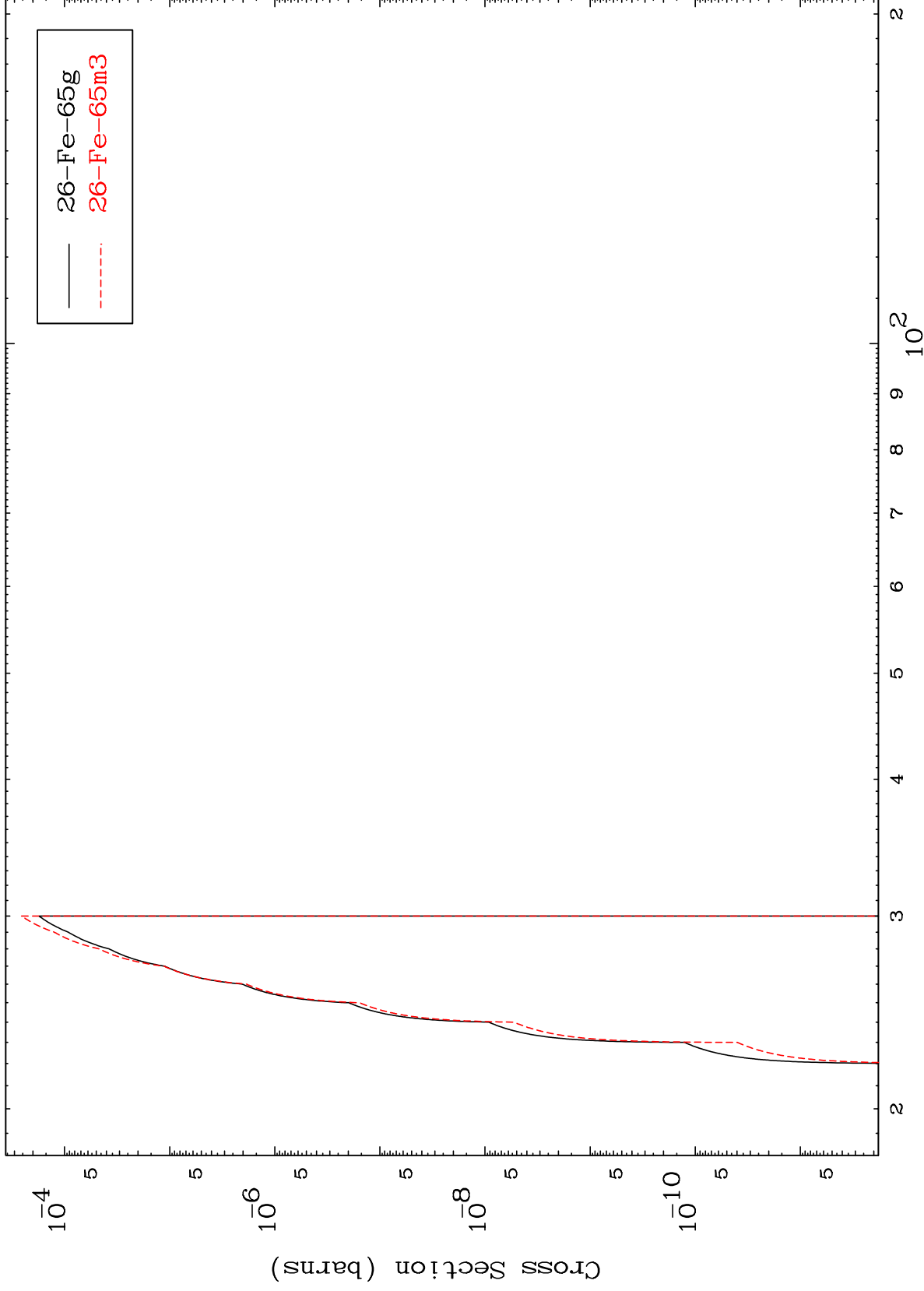


MAT 2861

(n,2n) α

28-Ni-70

Radionuclide Production Cross Section



109

Incident Energy (MeV)

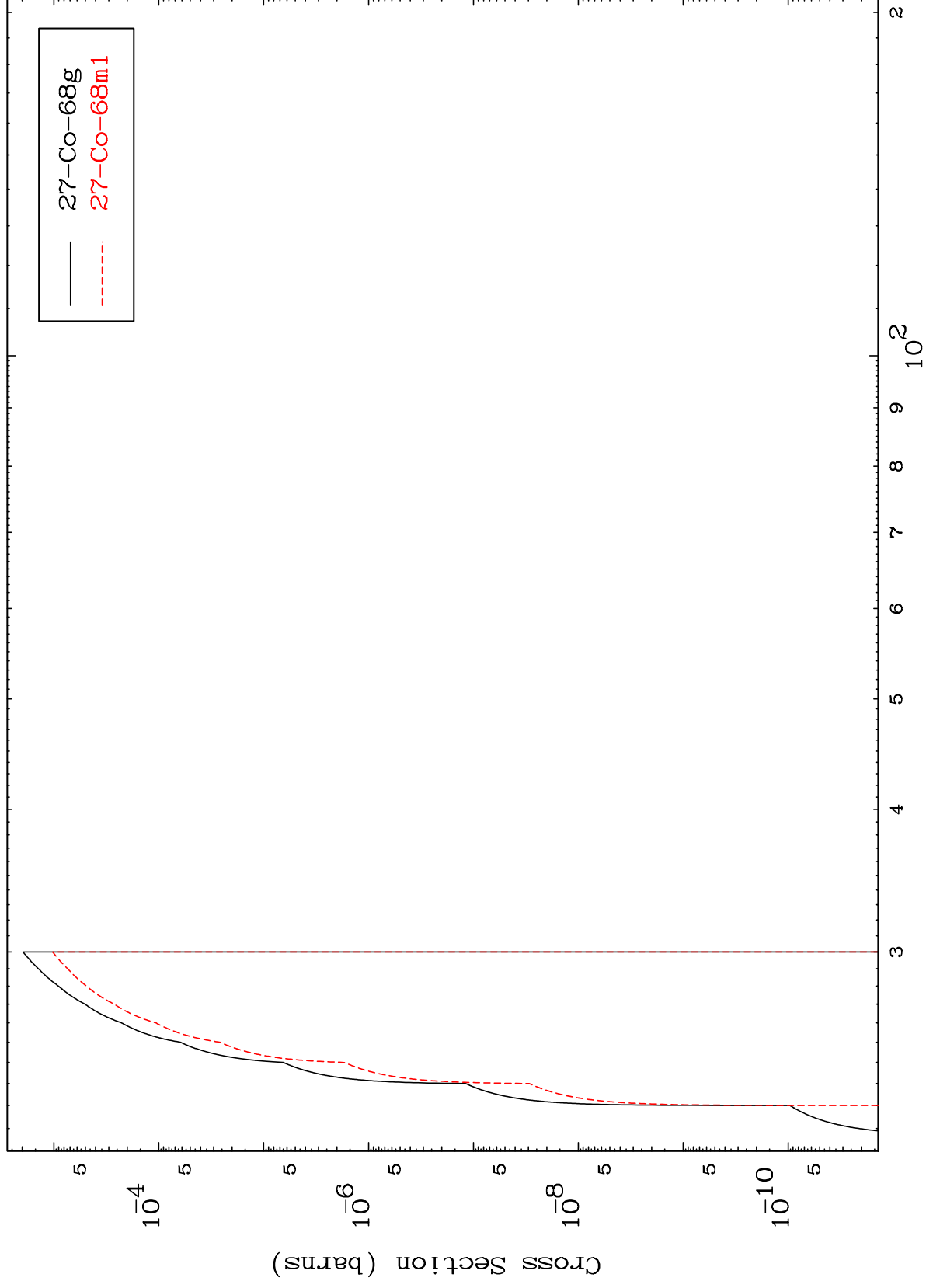
28-Ni-70

MAT 2861

(n,n') d

28-Ni-70

Radionuclide Production Cross Section



110

Incident Energy (MeV)

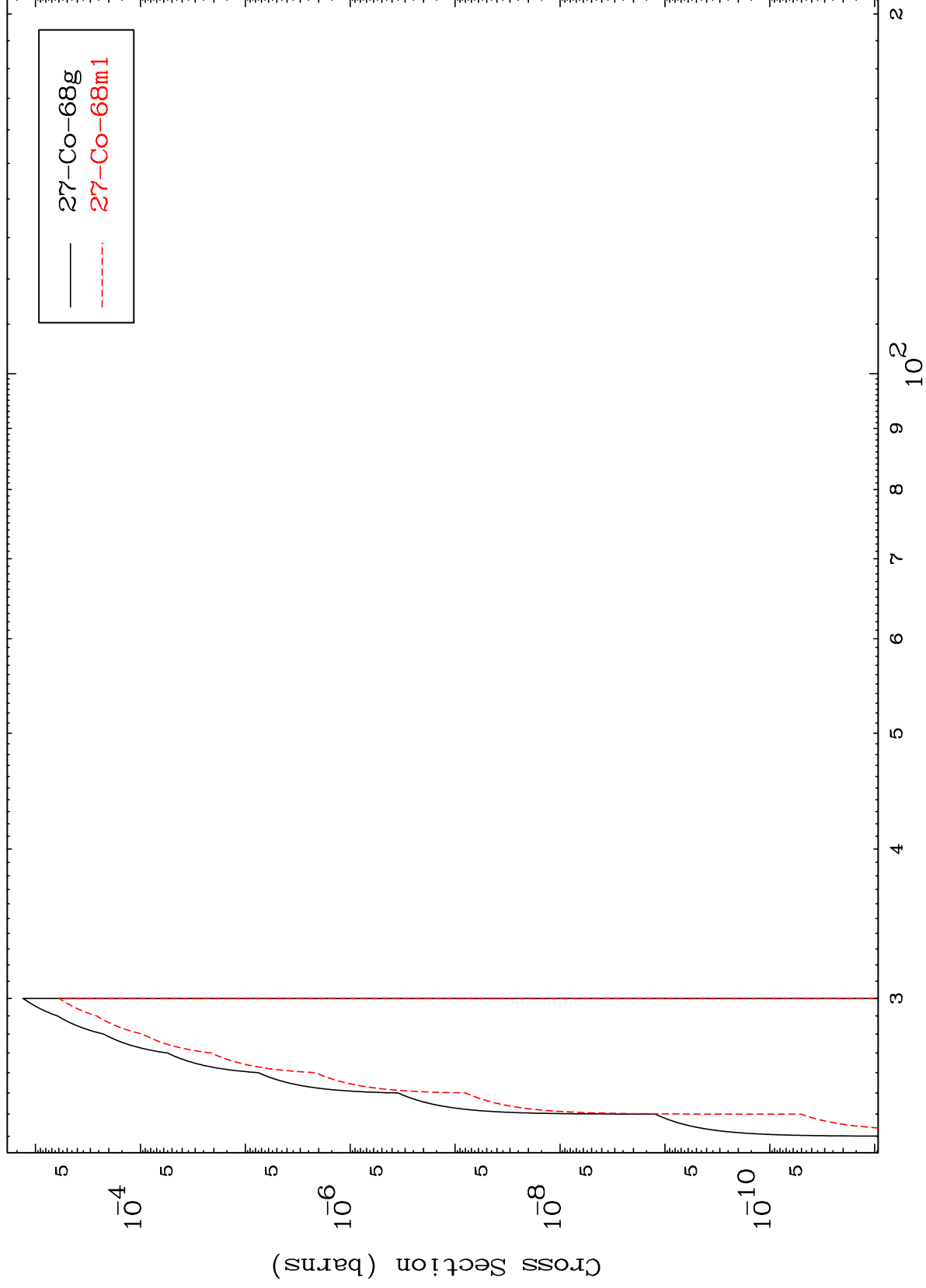
28-Ni-70

MAT 2861

(n,2n) p

²⁸Ni-70

Radionuclide Production Cross Section



111

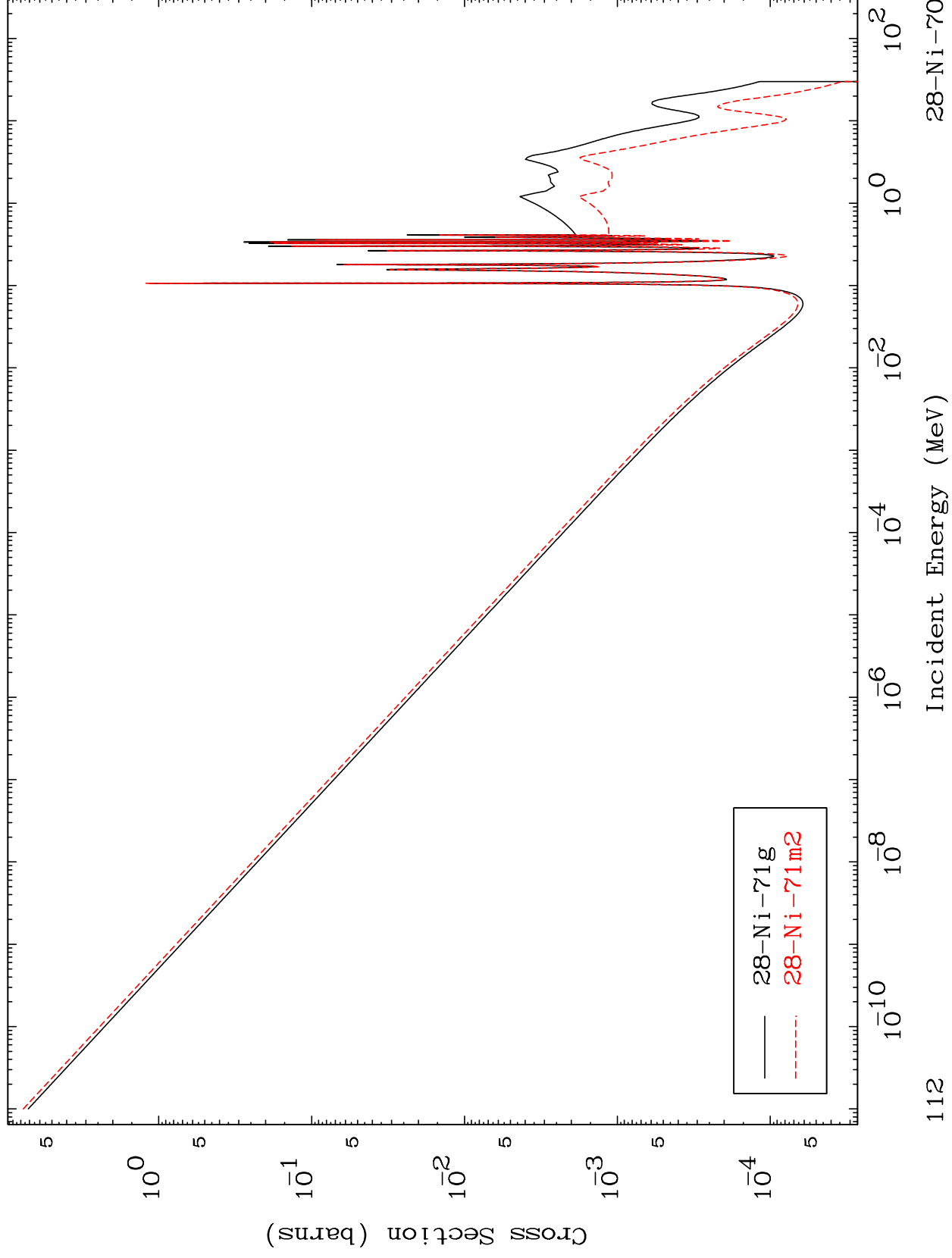
Incident Energy (MeV)

²⁸Ni-70

MAT 2861

28-Ni-70

(n, γ)
Radionuclide Production Cross Section



(n,t)
Radionuclide Production Cross Section

