

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

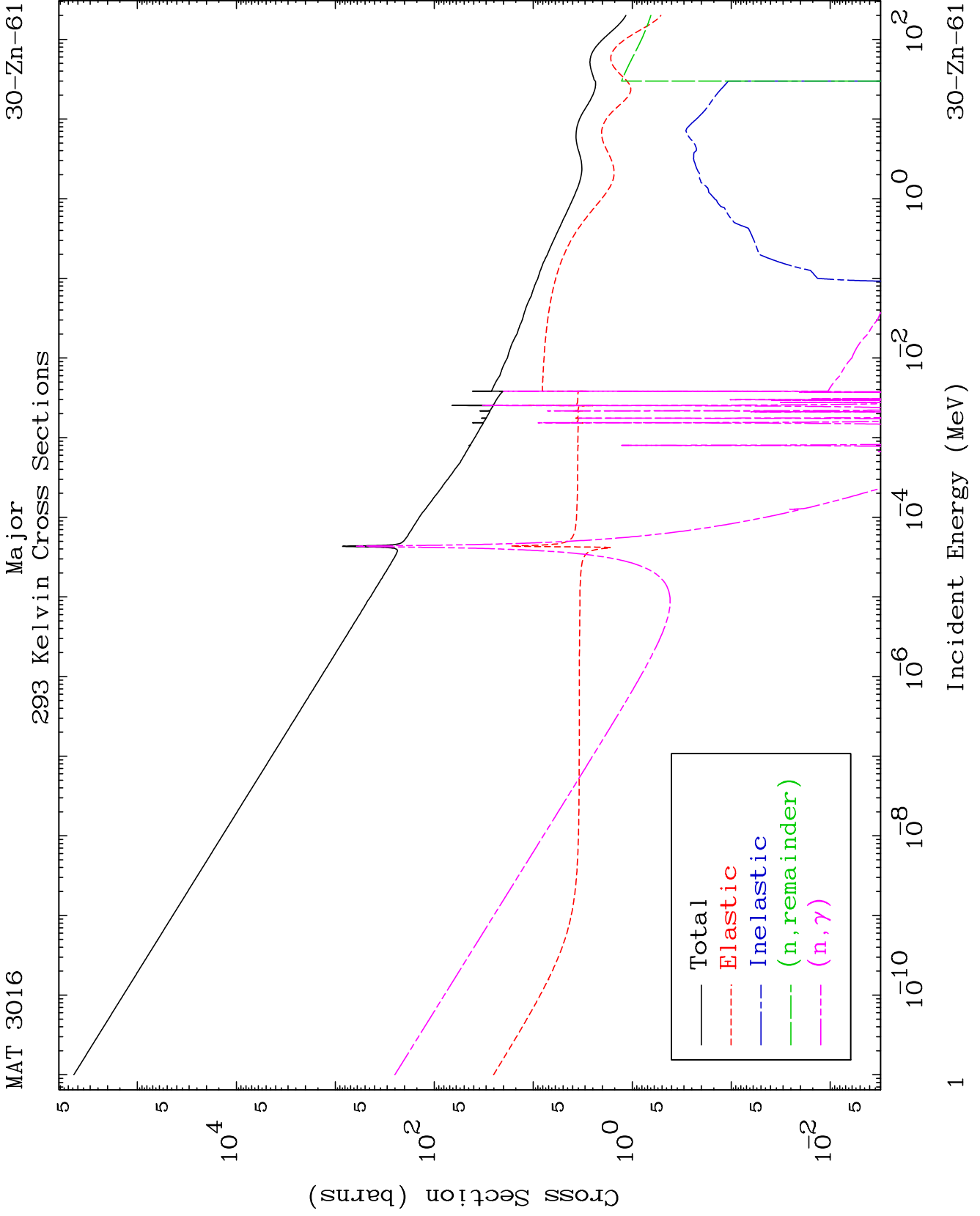
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Web: redcullen1.net/HOMEPAGE.NEW

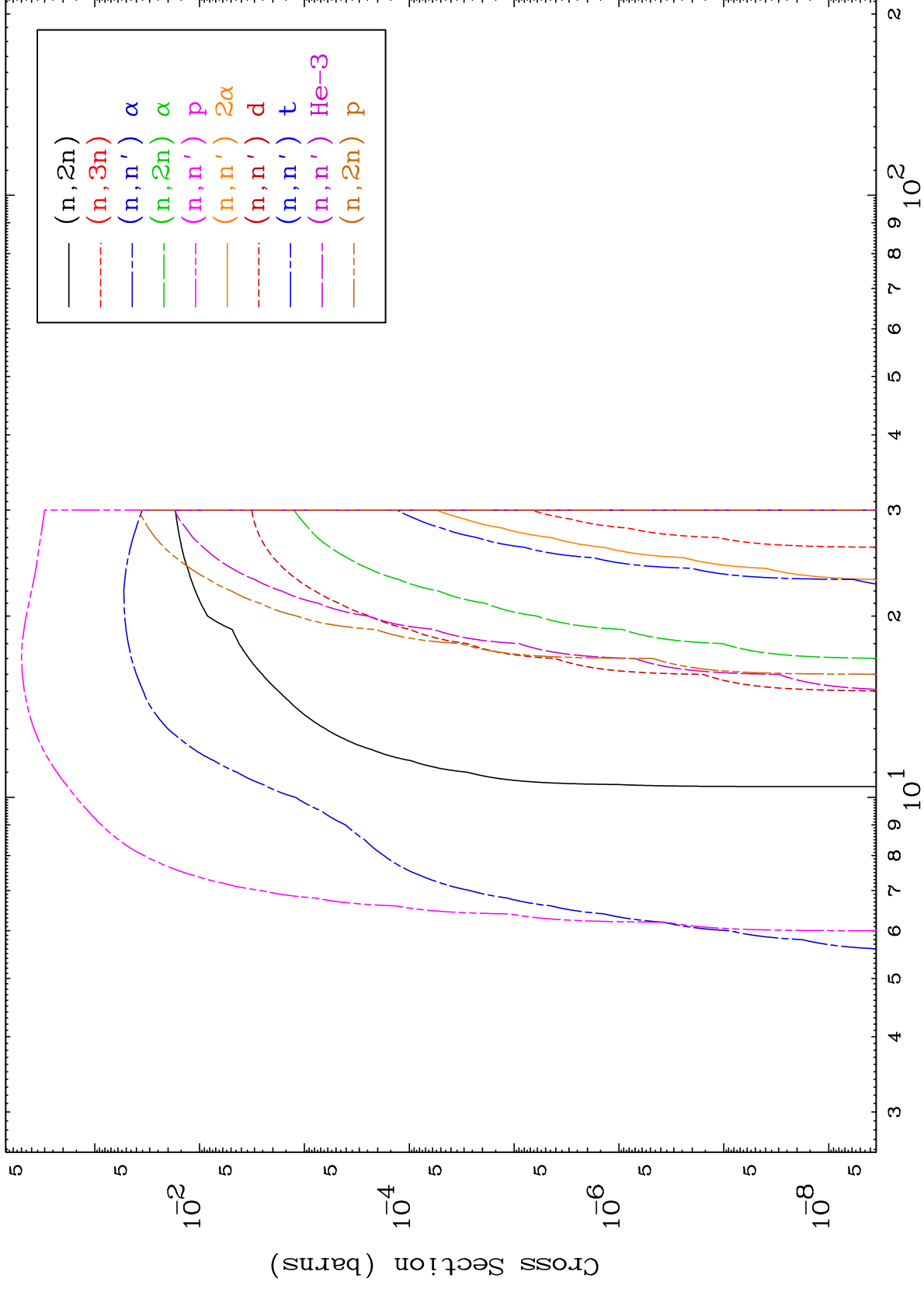
Press Mouse Button to Start



MAT 3016

Neutron Production
293 Kelvin Cross Sections

30-Zn-61



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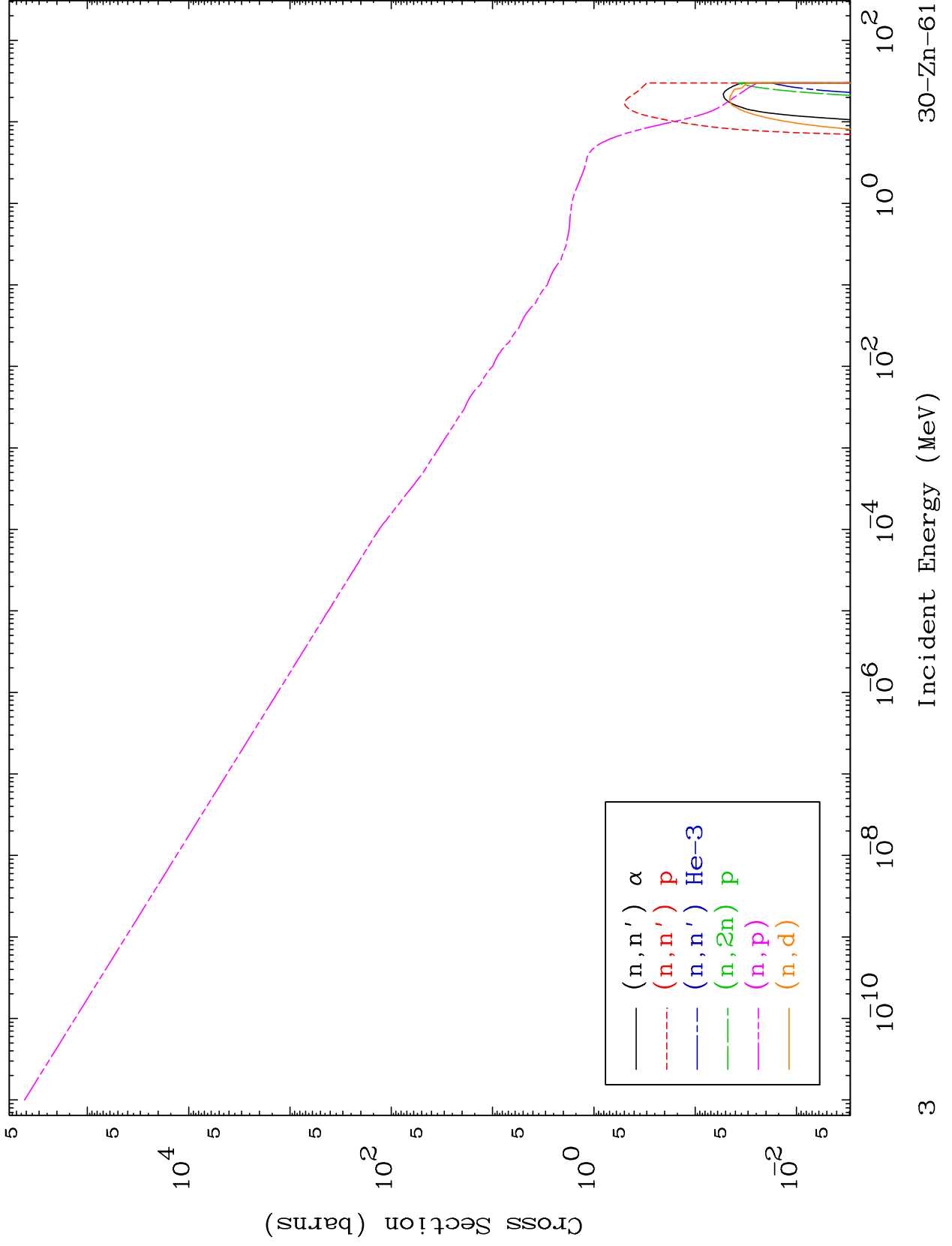
Incident Energy (MeV)

30-Zn-61

MAT 3016

Charged Particle
293 Kelvin Cross Sections

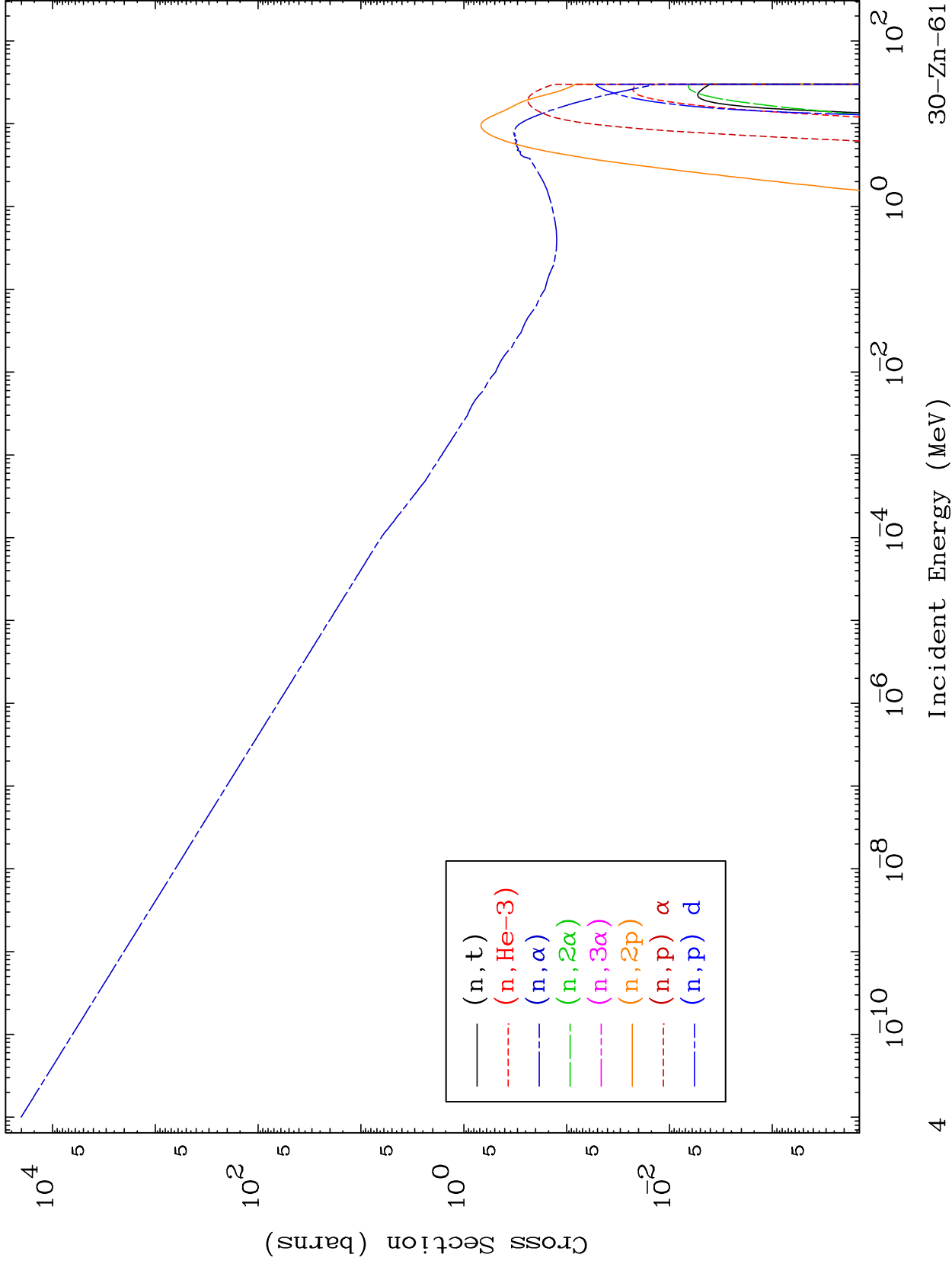
30-Zn-61

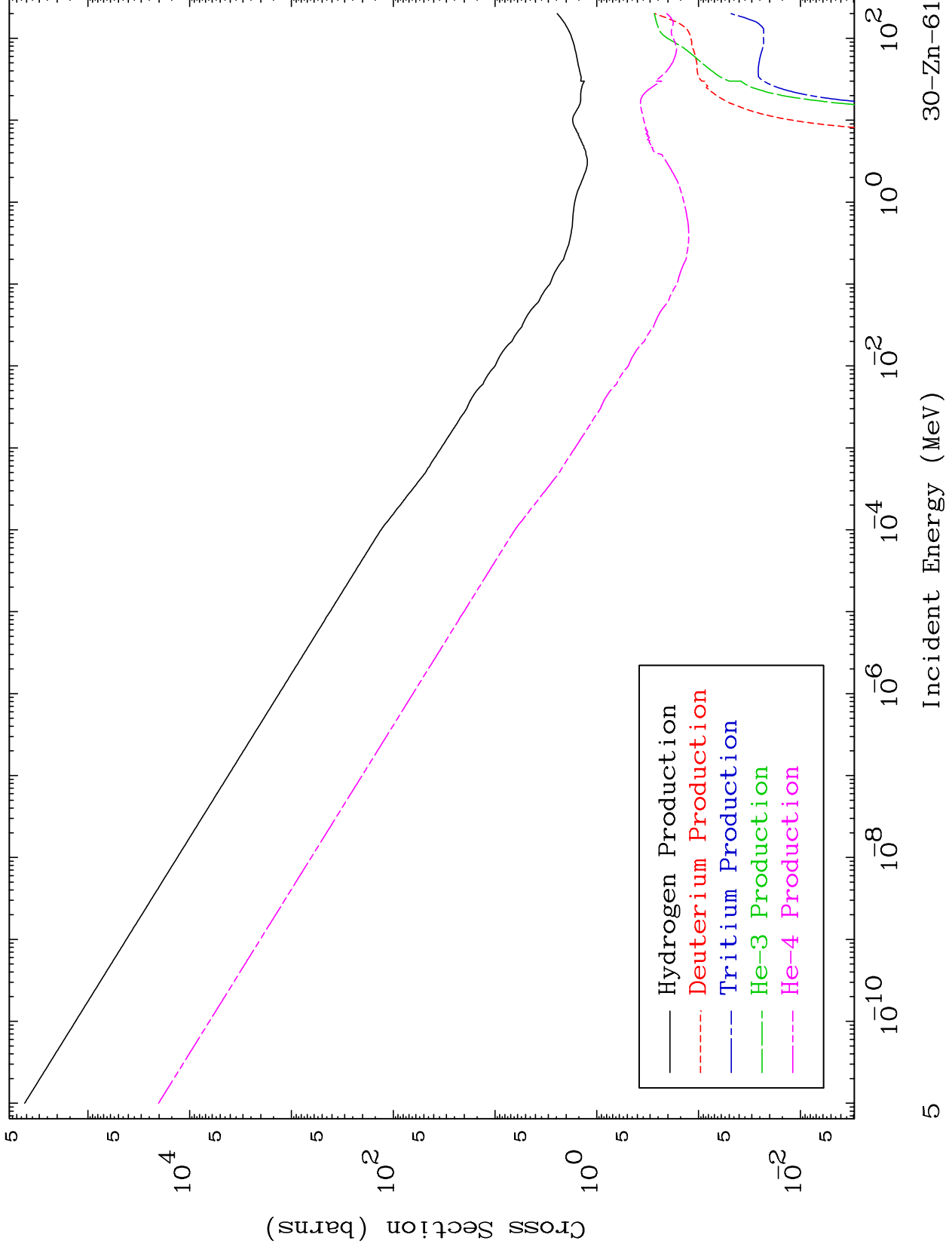


MAT 3016

Charged Particle
293 Kelvin Cross Sections

30-Zn-61



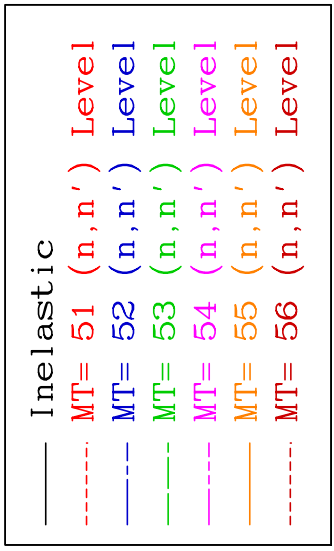
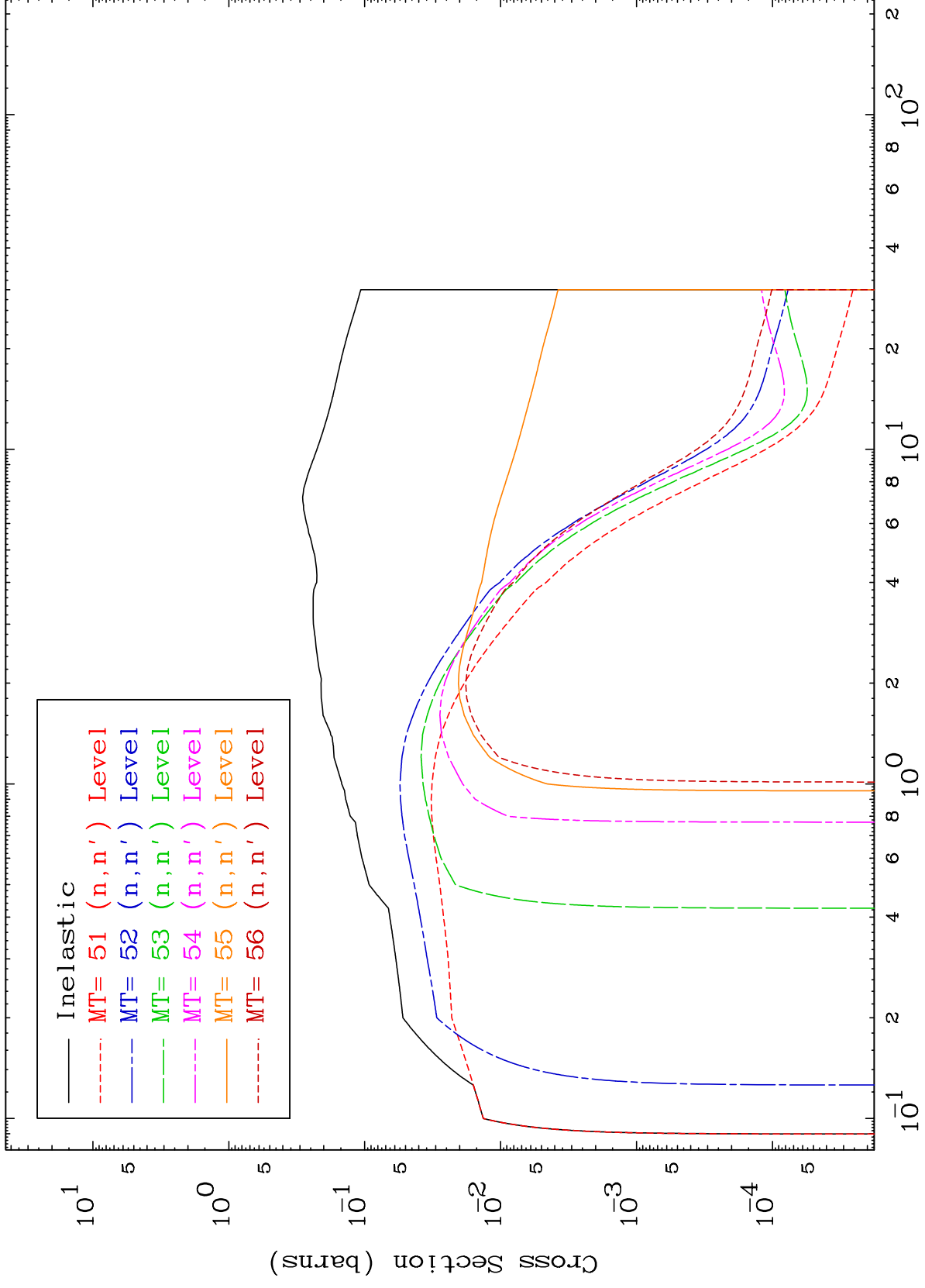


MAT 3016

(n,n') Level

30-Zn-61

293 Kelvin Cross Sections

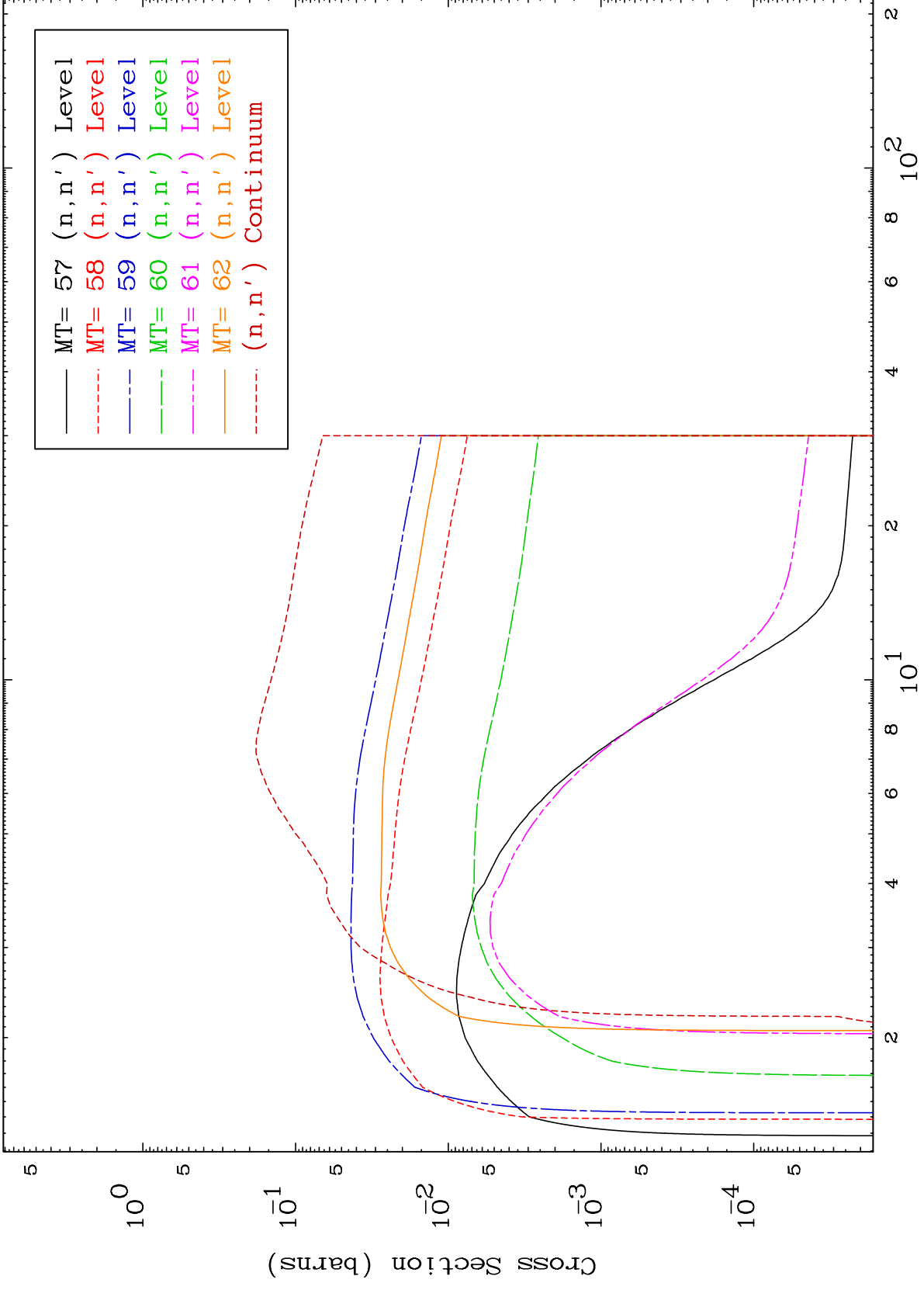


Incident Energy (MeV)

30-Zn-61

6

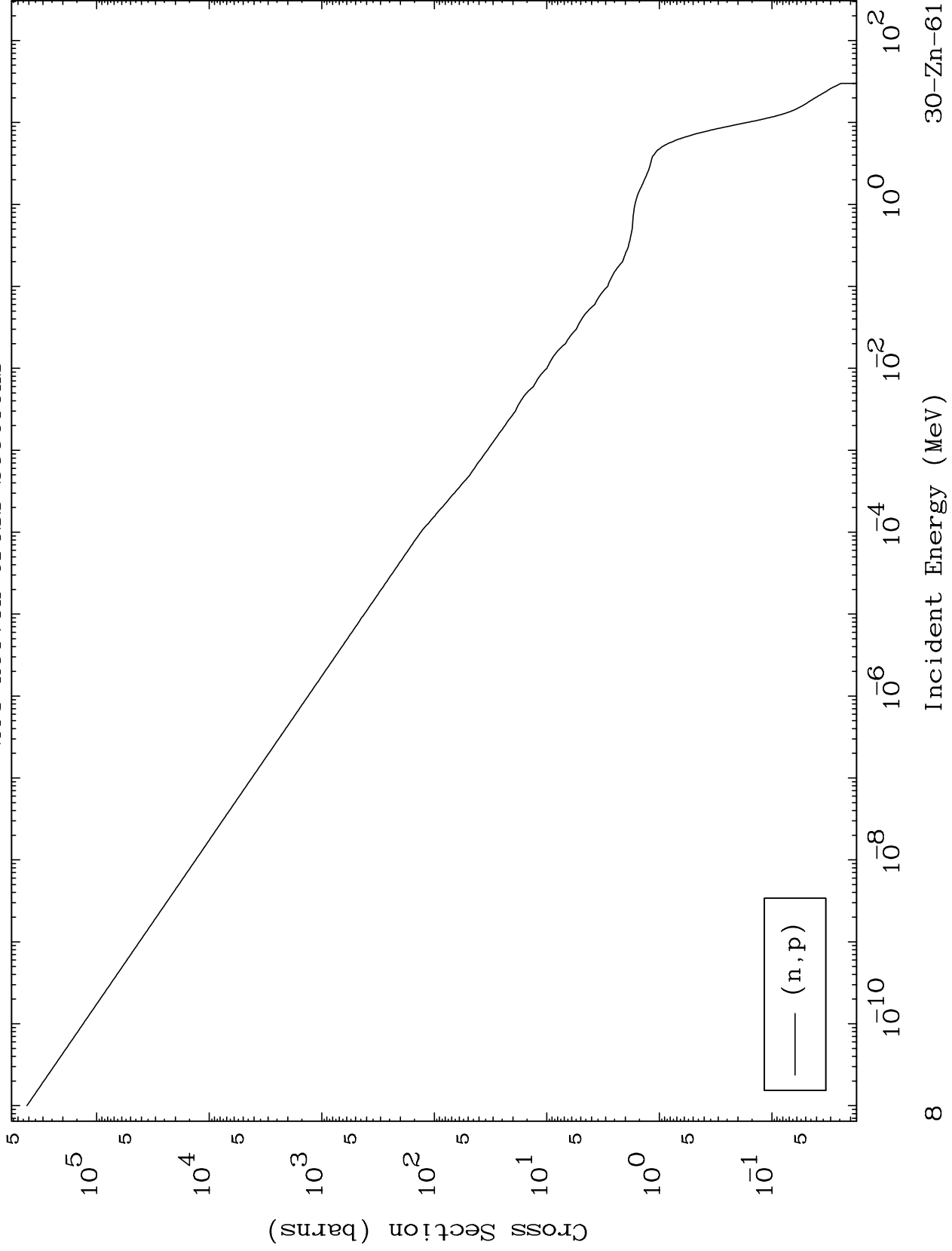
293 Kelvin Cross Sections



MAT 3016

(n,p) Levels
293 Kelvin Cross Sections

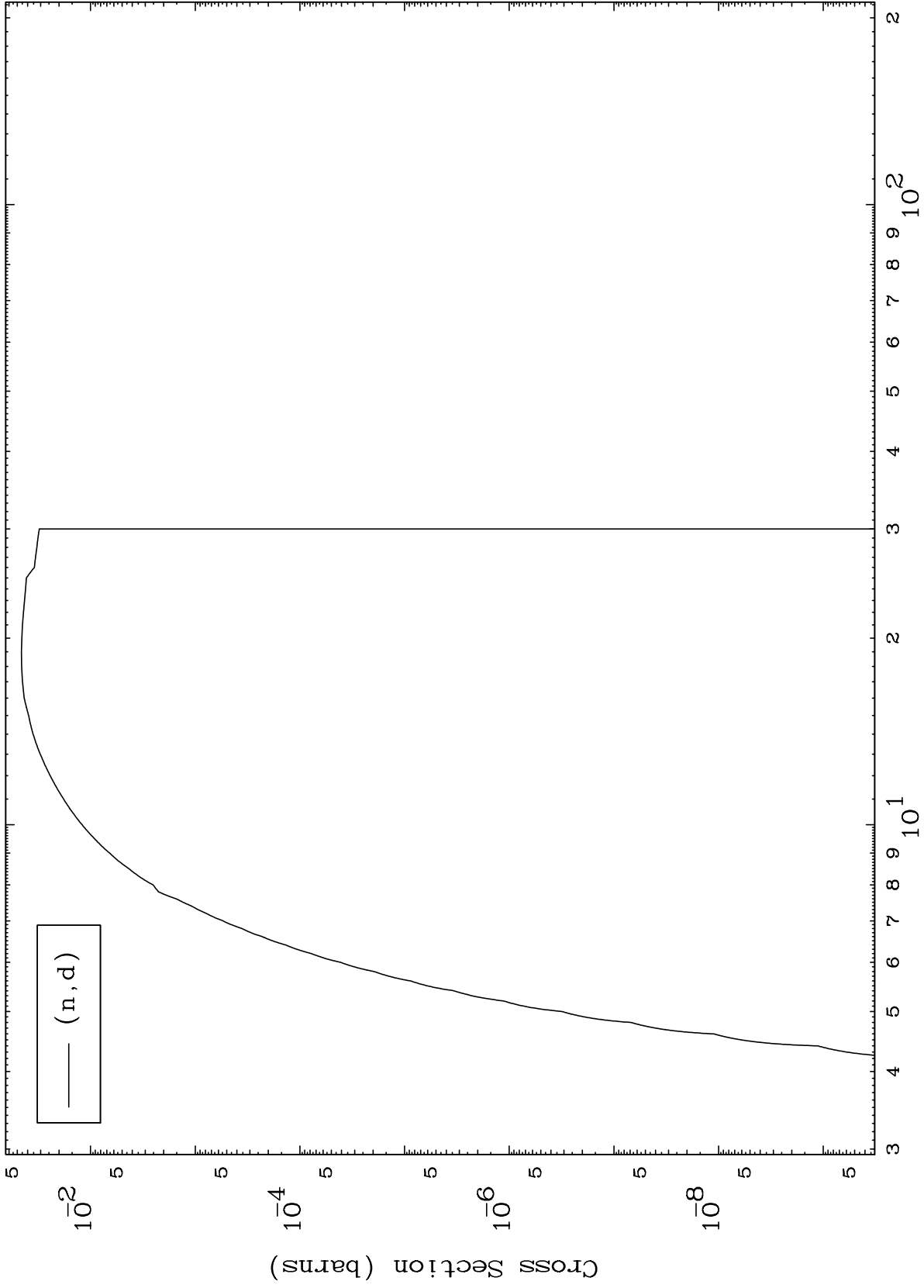
30-Zn-61



MAT 3016

30-Zn-61

(n,d) Levels
293 Kelvin Cross Sections



9

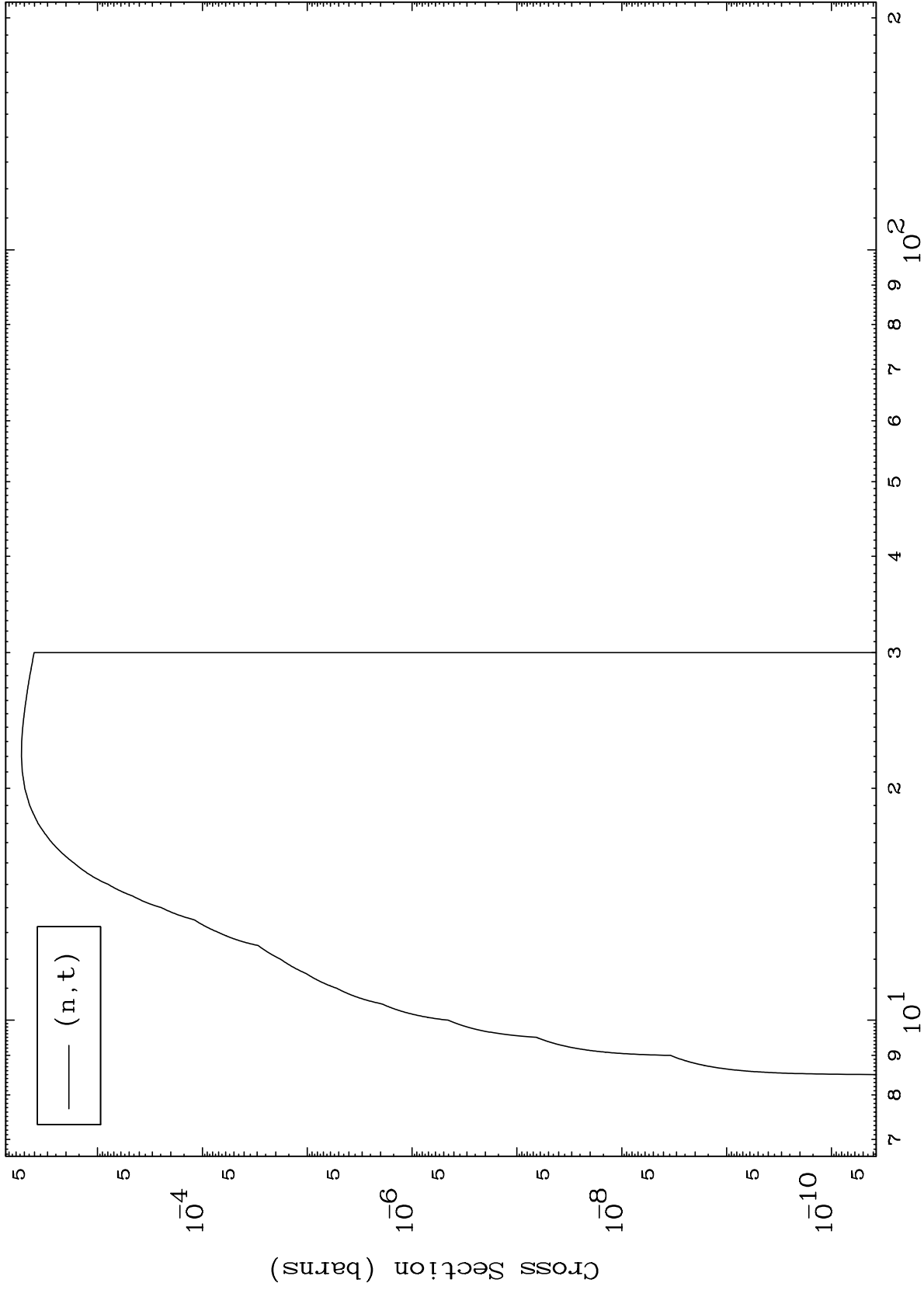
Incident Energy (MeV)

30-Zn-61

MAT 3016

(n,t) Levels
293 Kelvin Cross Sections

30-Zn-61



10

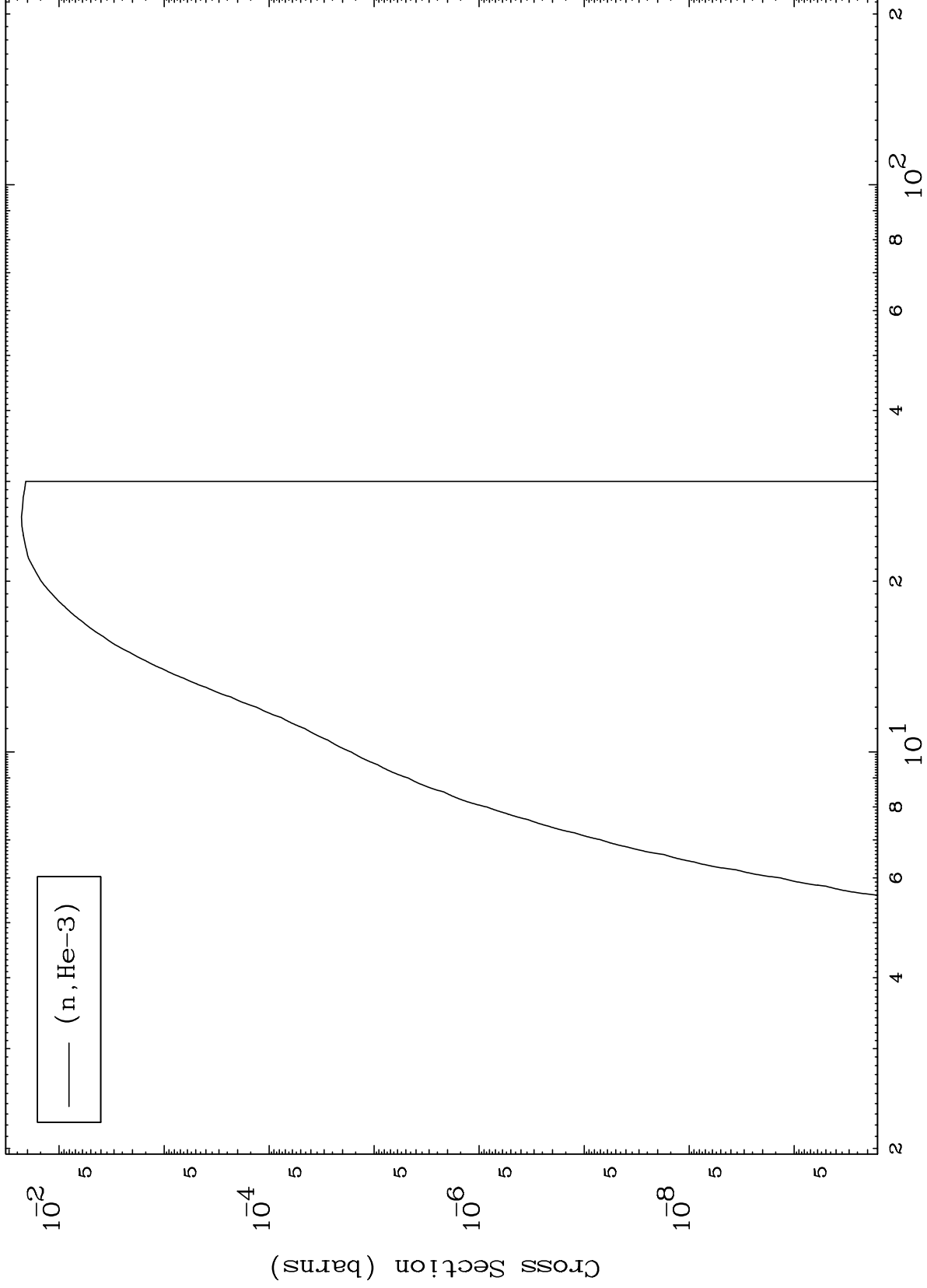
Incident Energy (MeV)

30-Zn-61

MAT 3016

(n,He3) Levels
293 Kelvin Cross Sections

30-Zn-61



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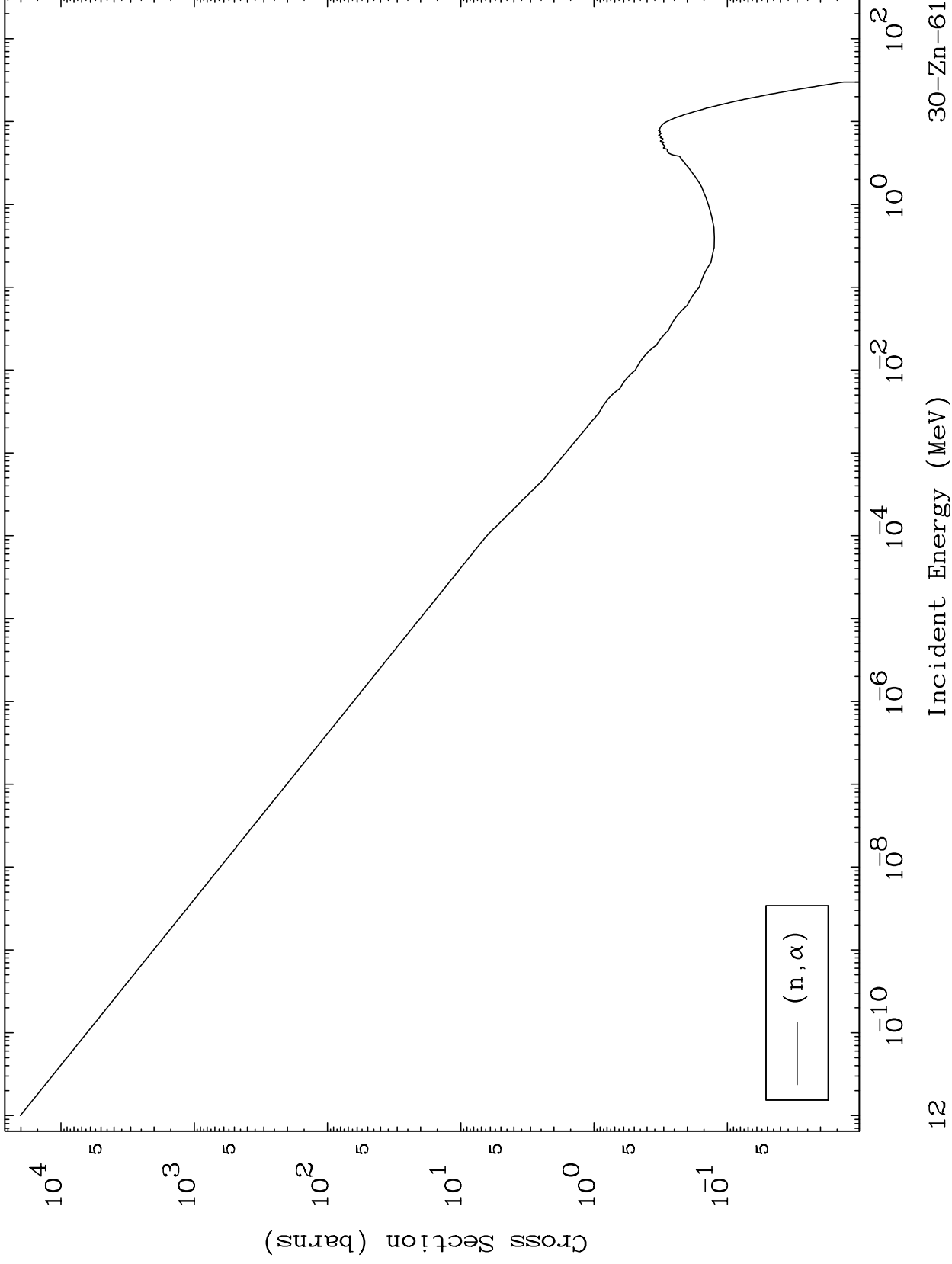
Incident Energy (MeV)

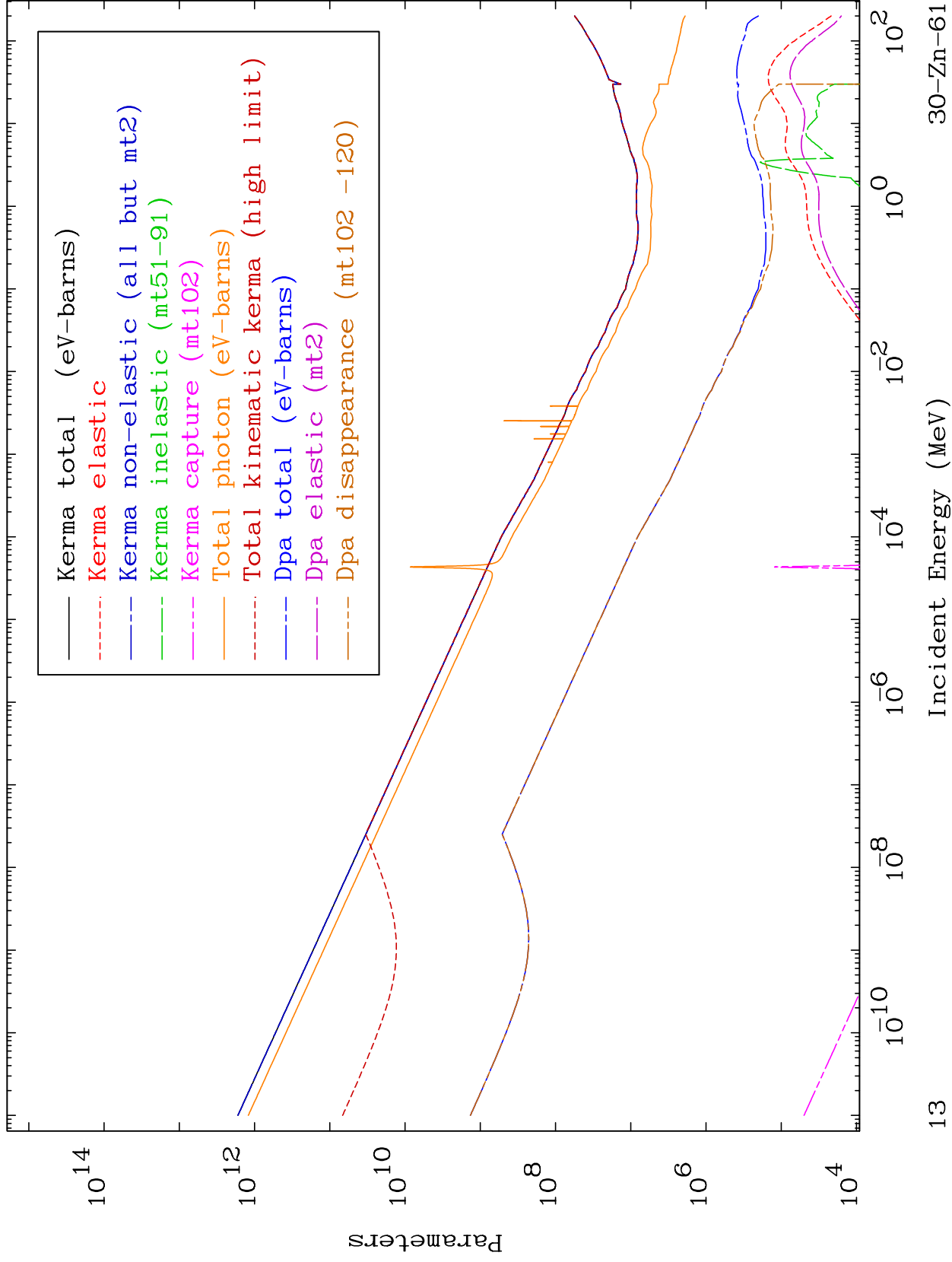
30-Zn-61

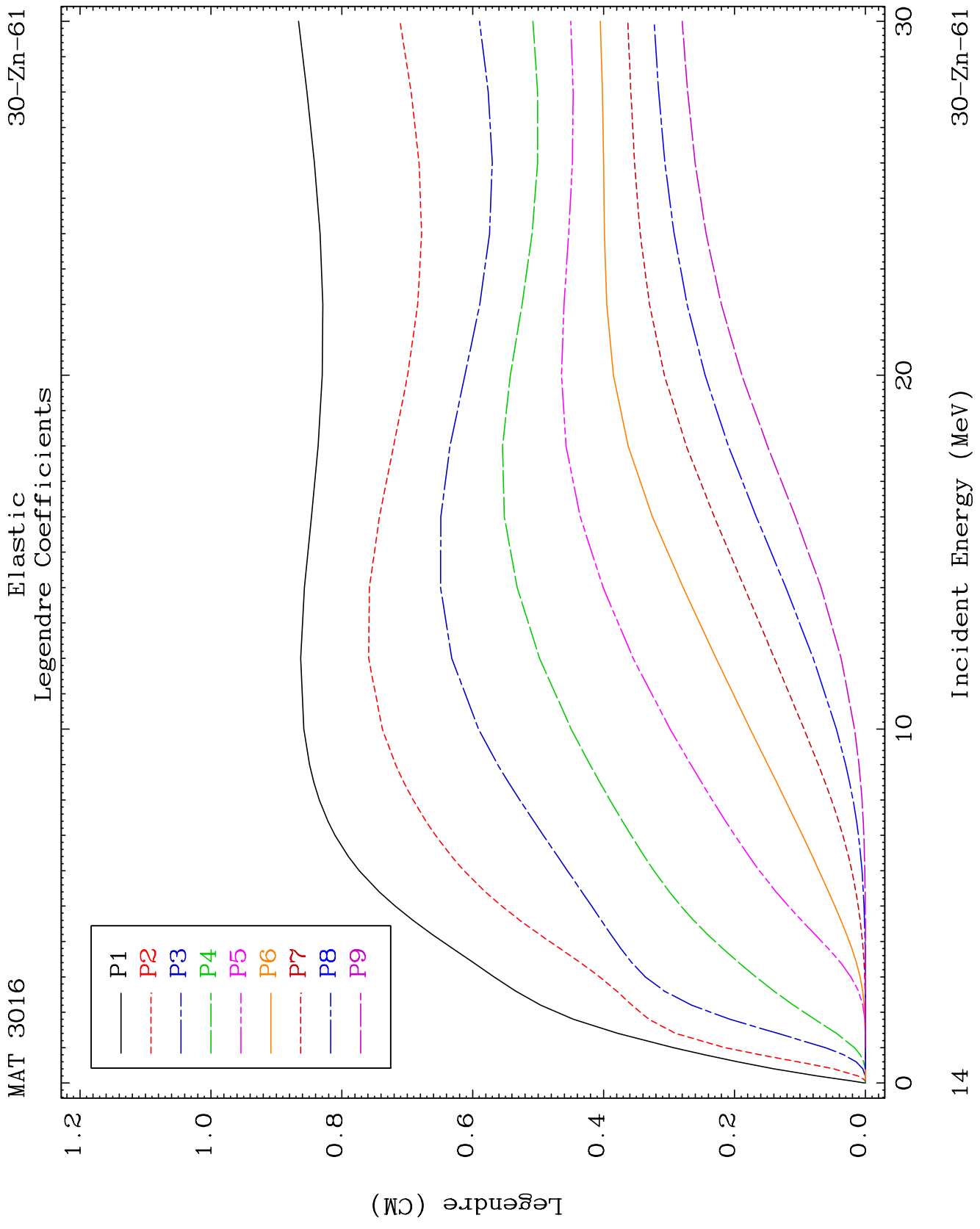
MAT 3016

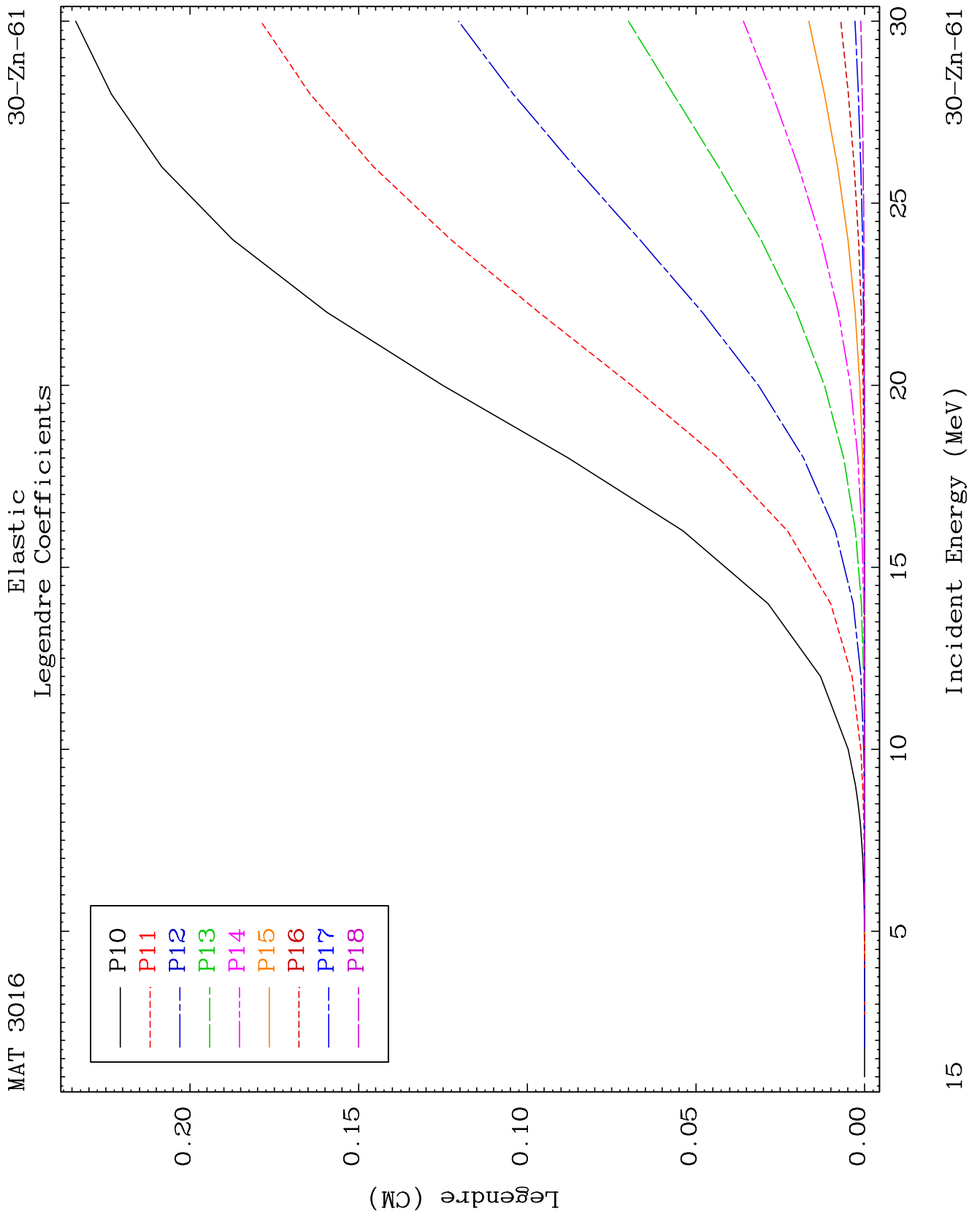
(n, α) Levels
293 Kelvin Cross Sections

30-Zn-61





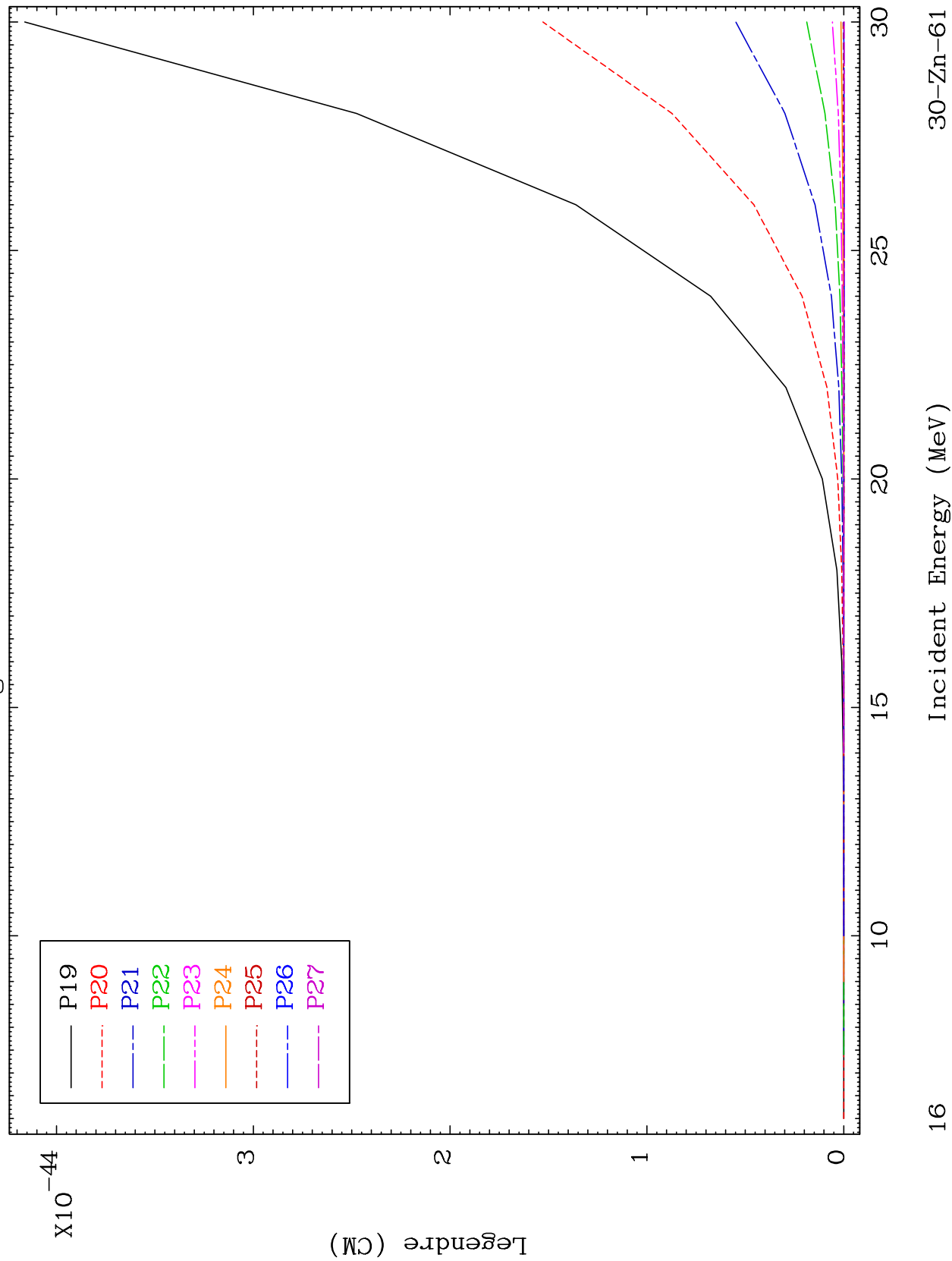




MAT 3016

Elastic
Legendre Coefficients

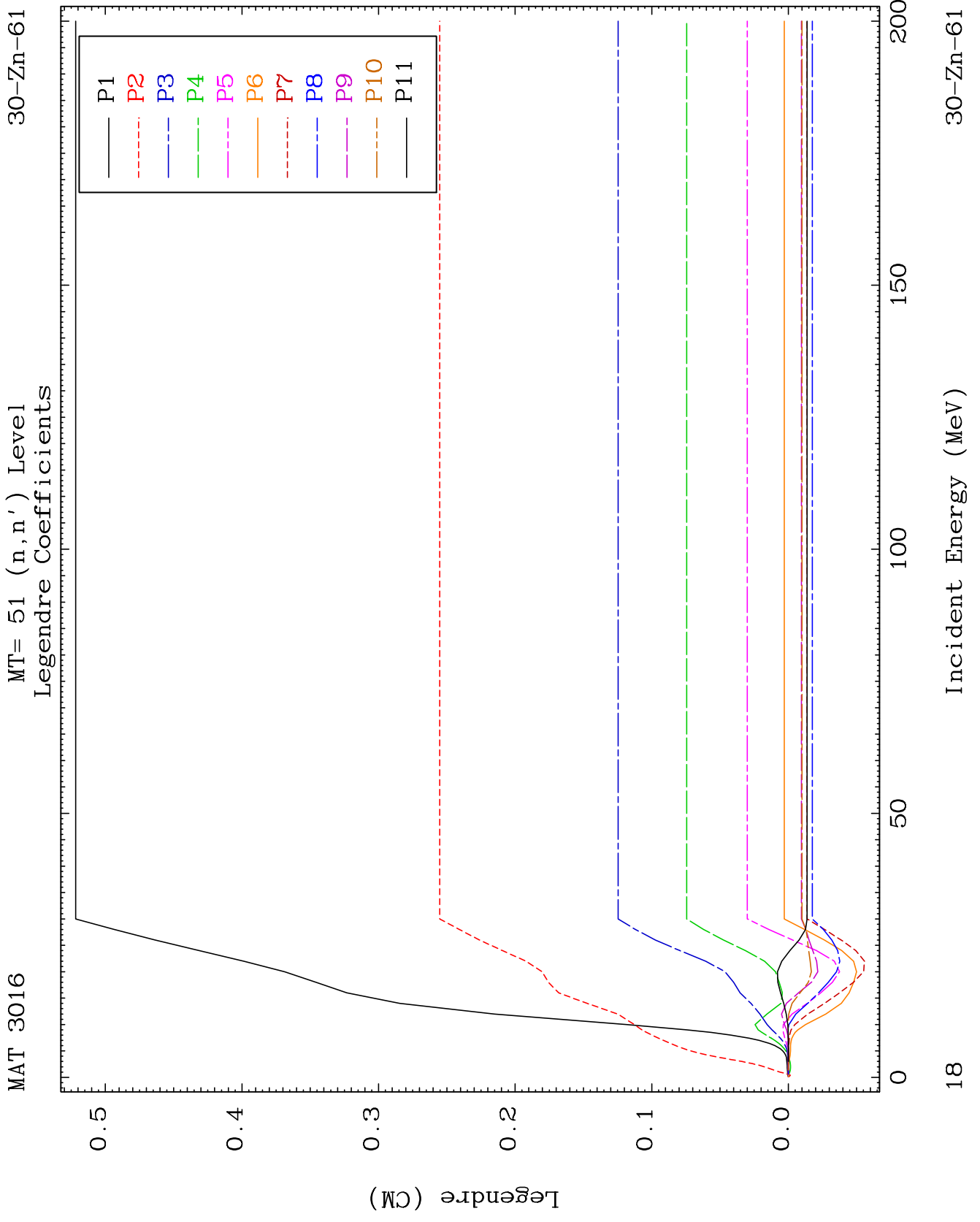
30-Zn-61

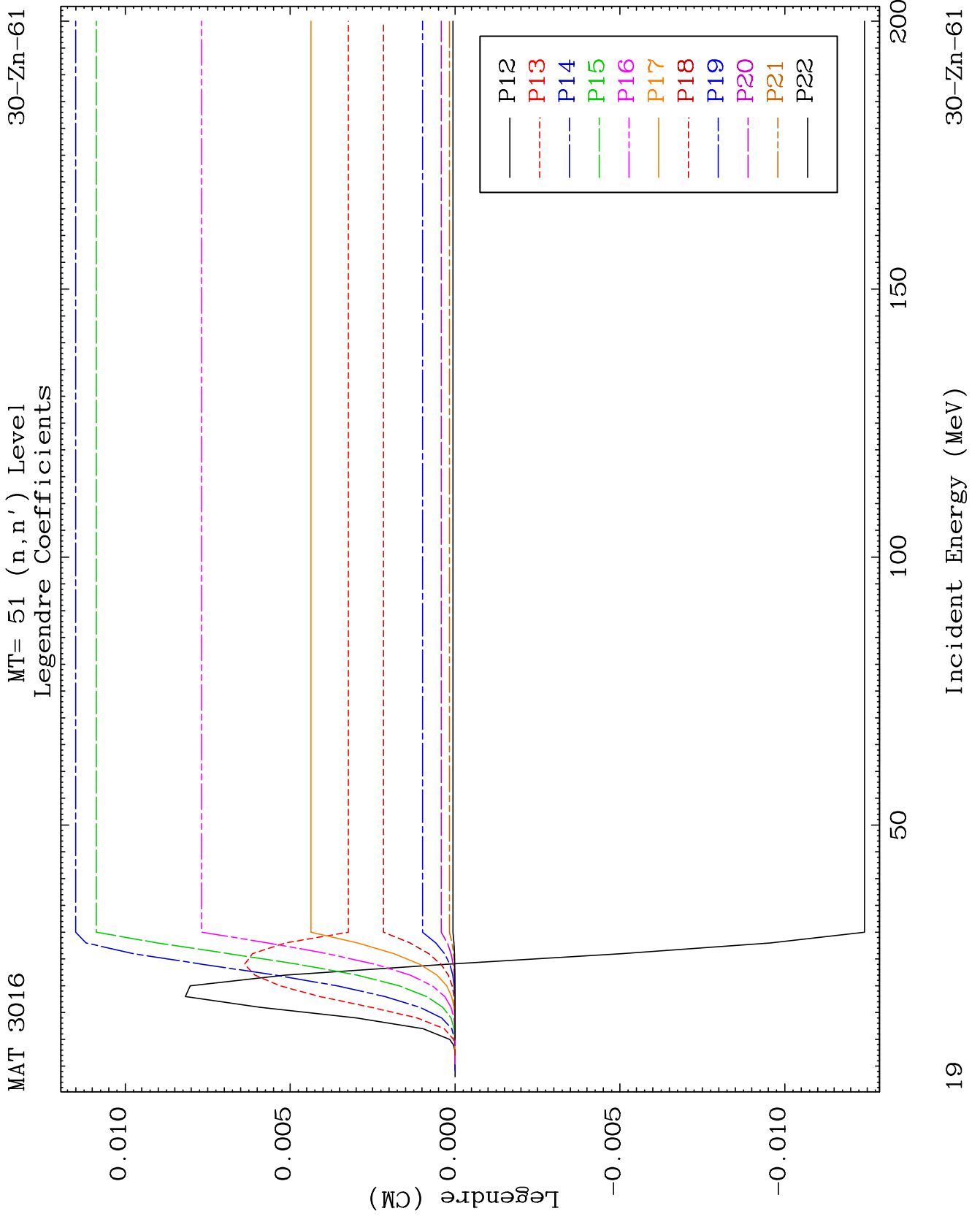


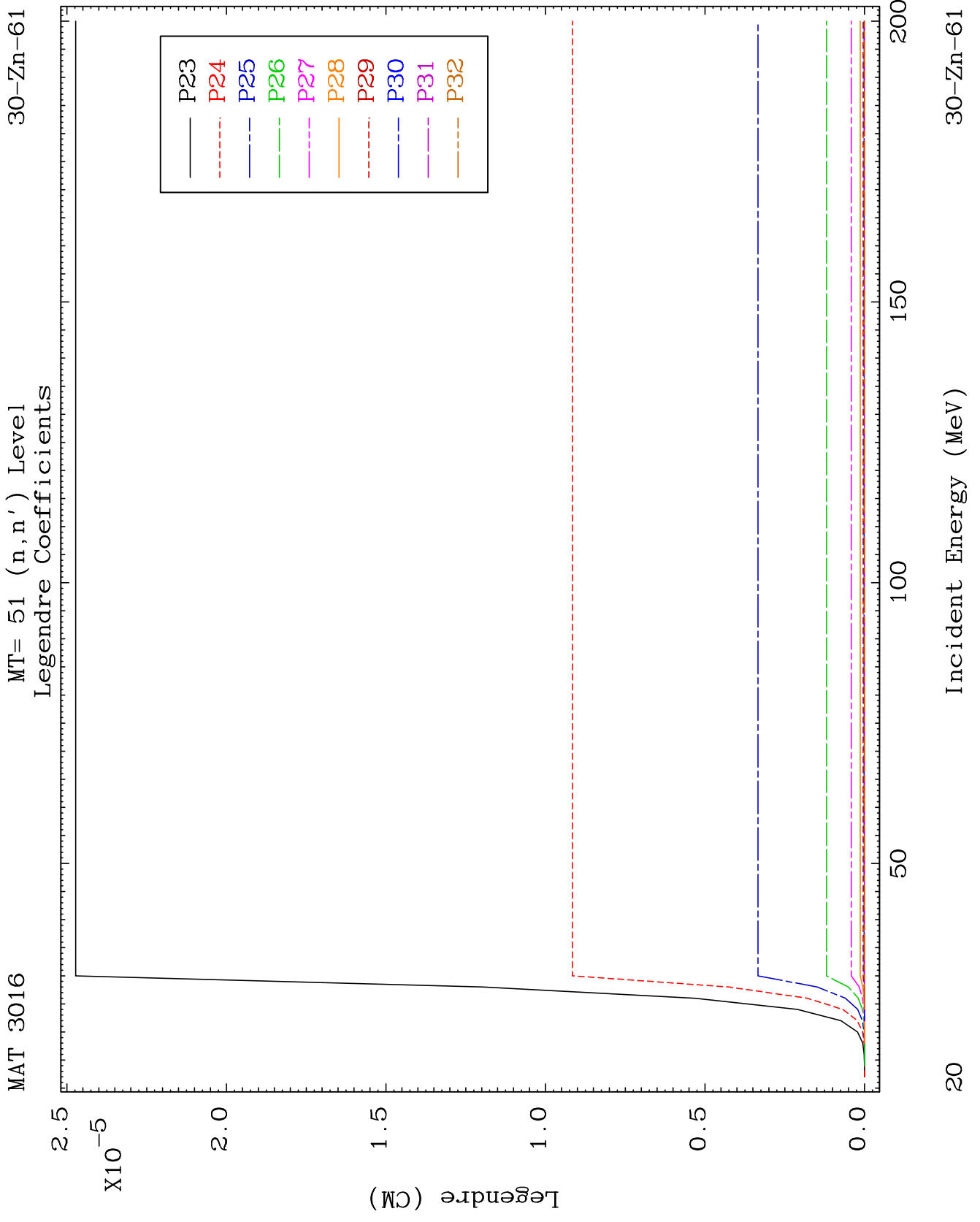
16

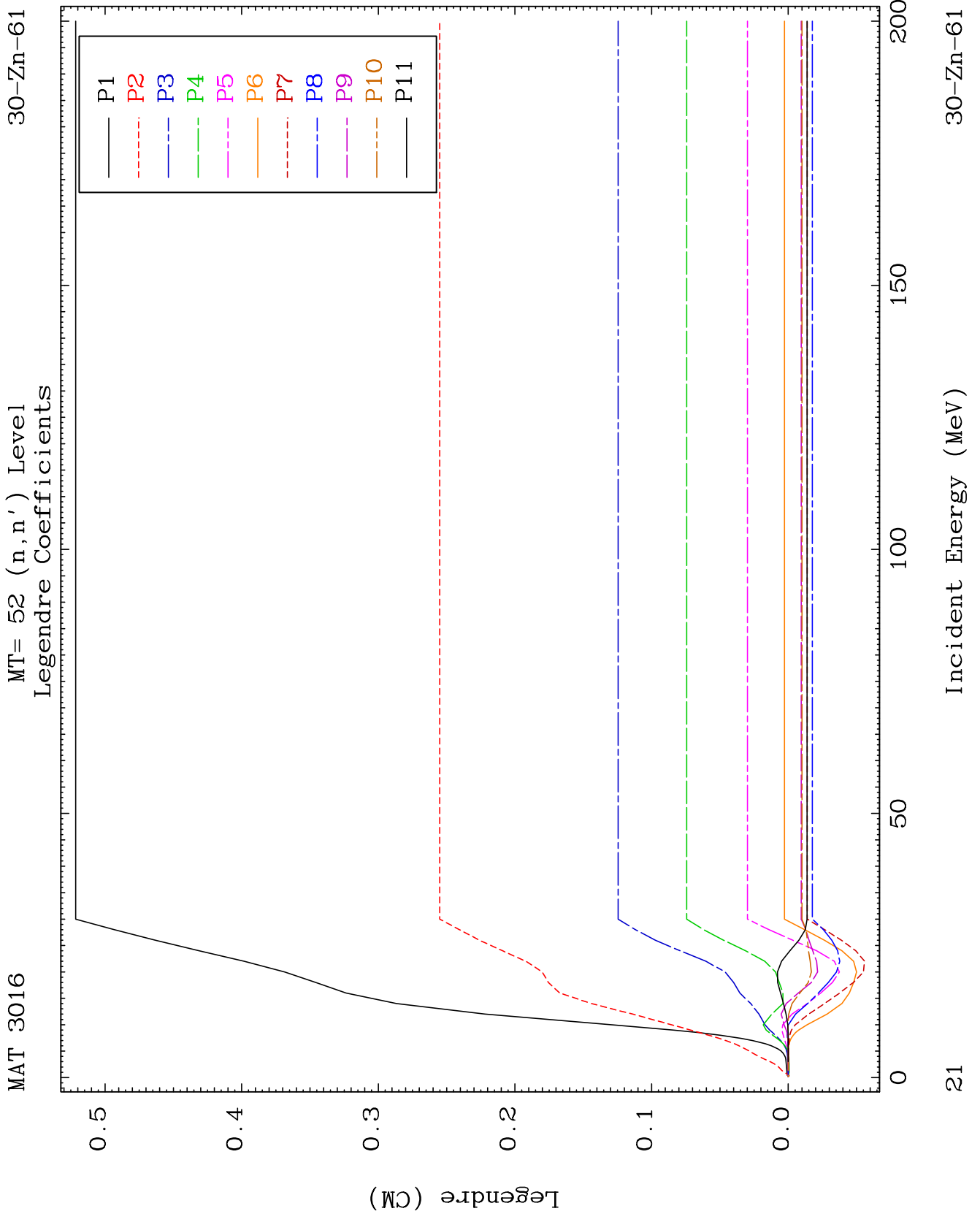
Incident Energy (MeV)

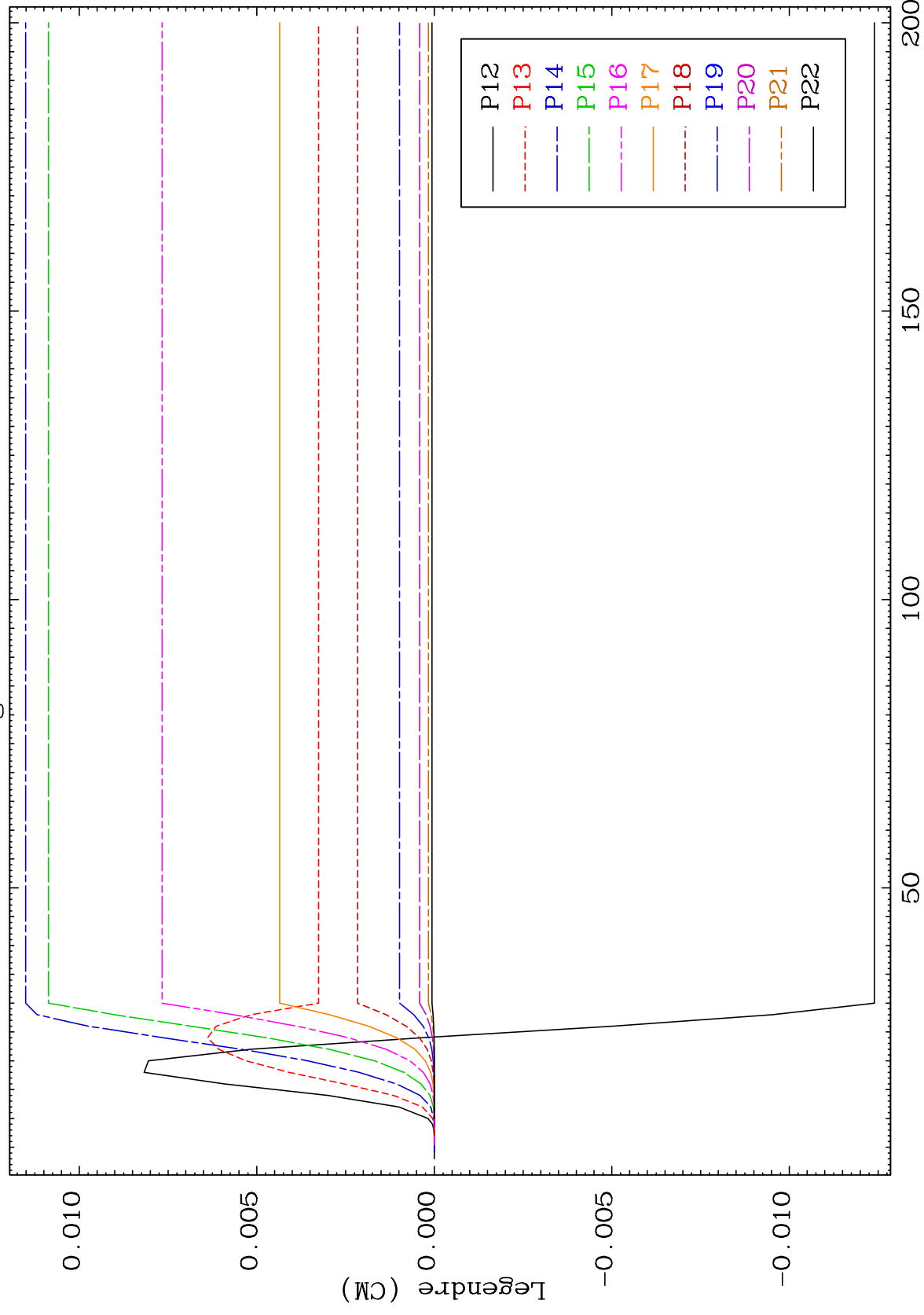
30-Zn-61

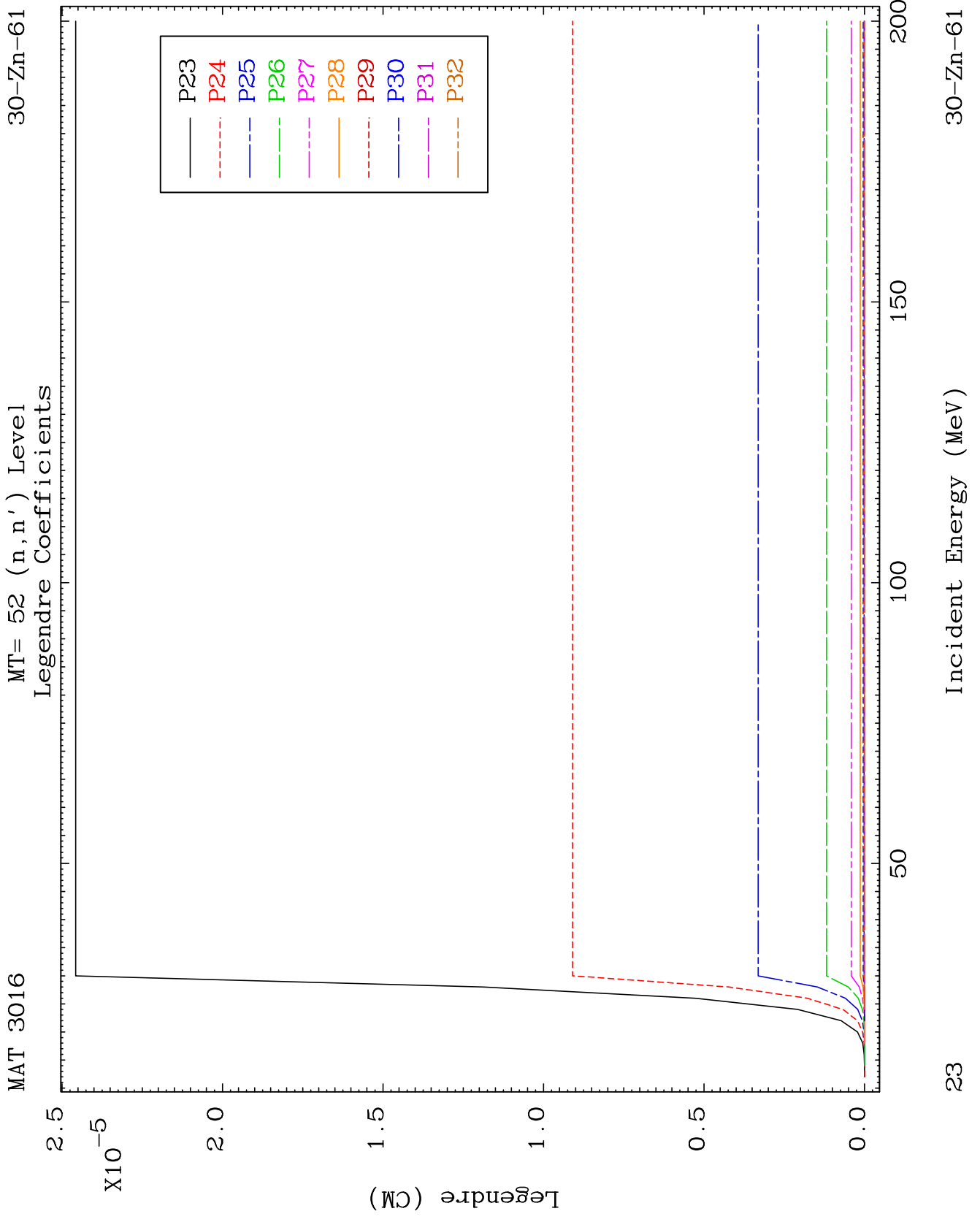


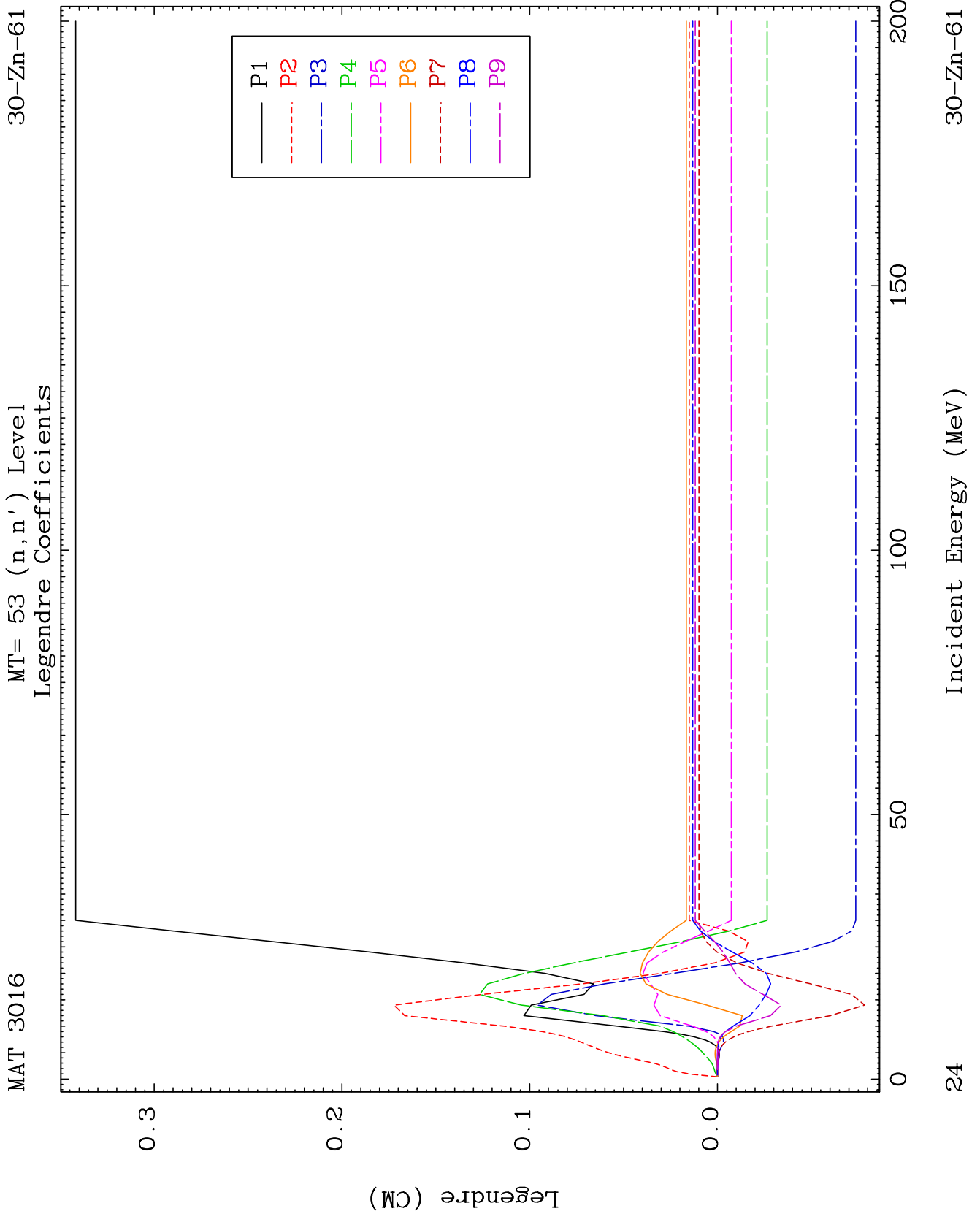








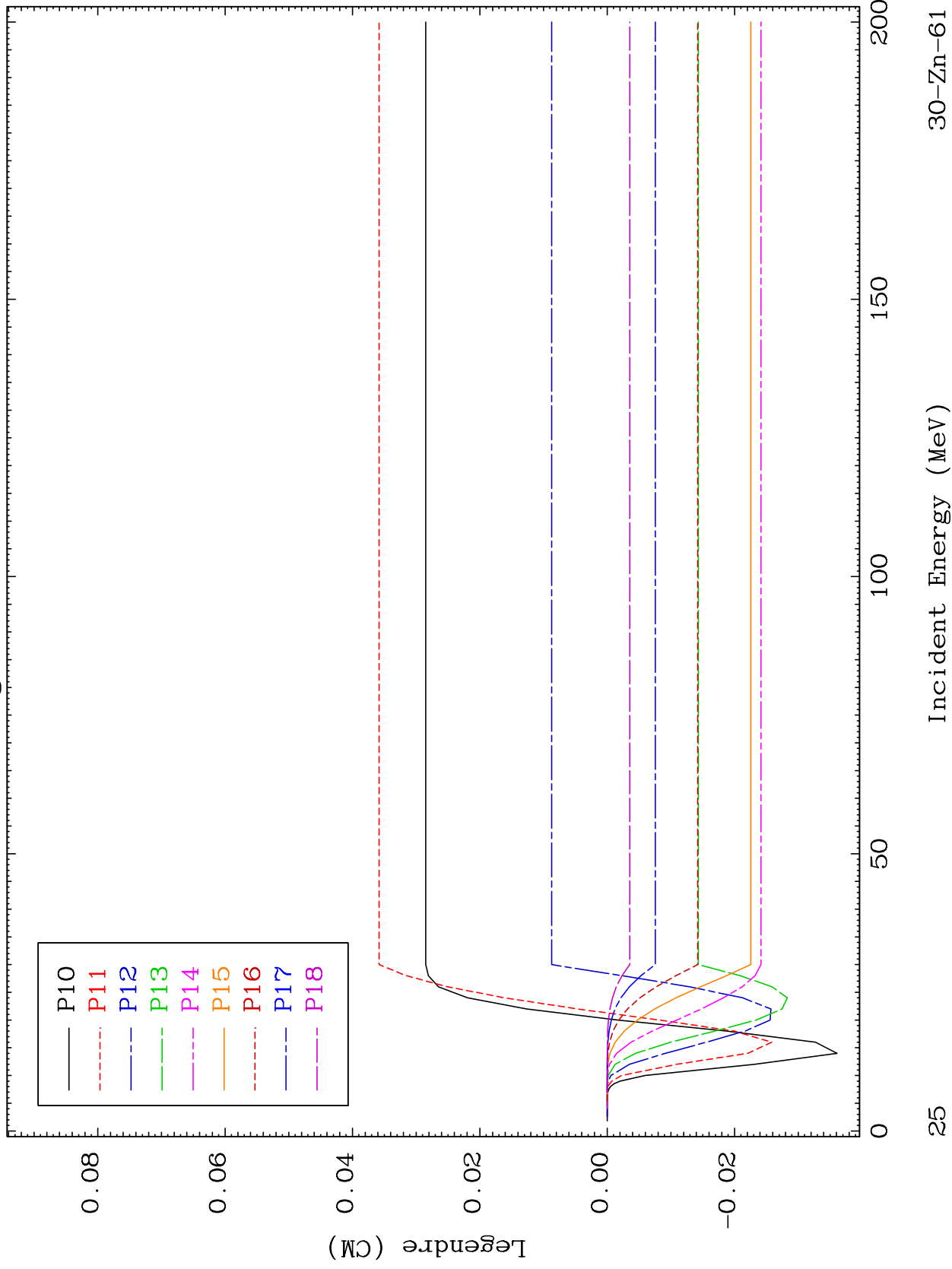


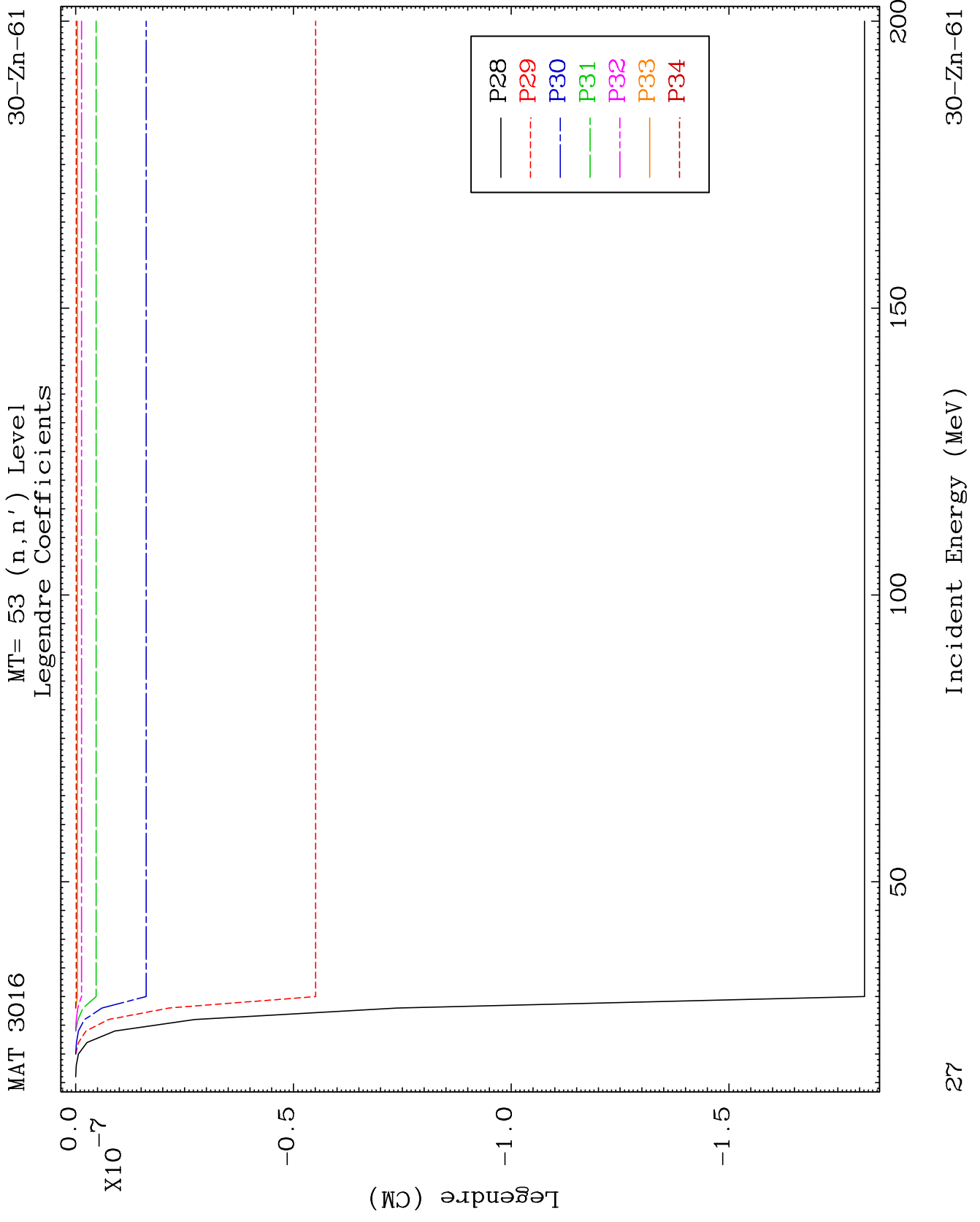


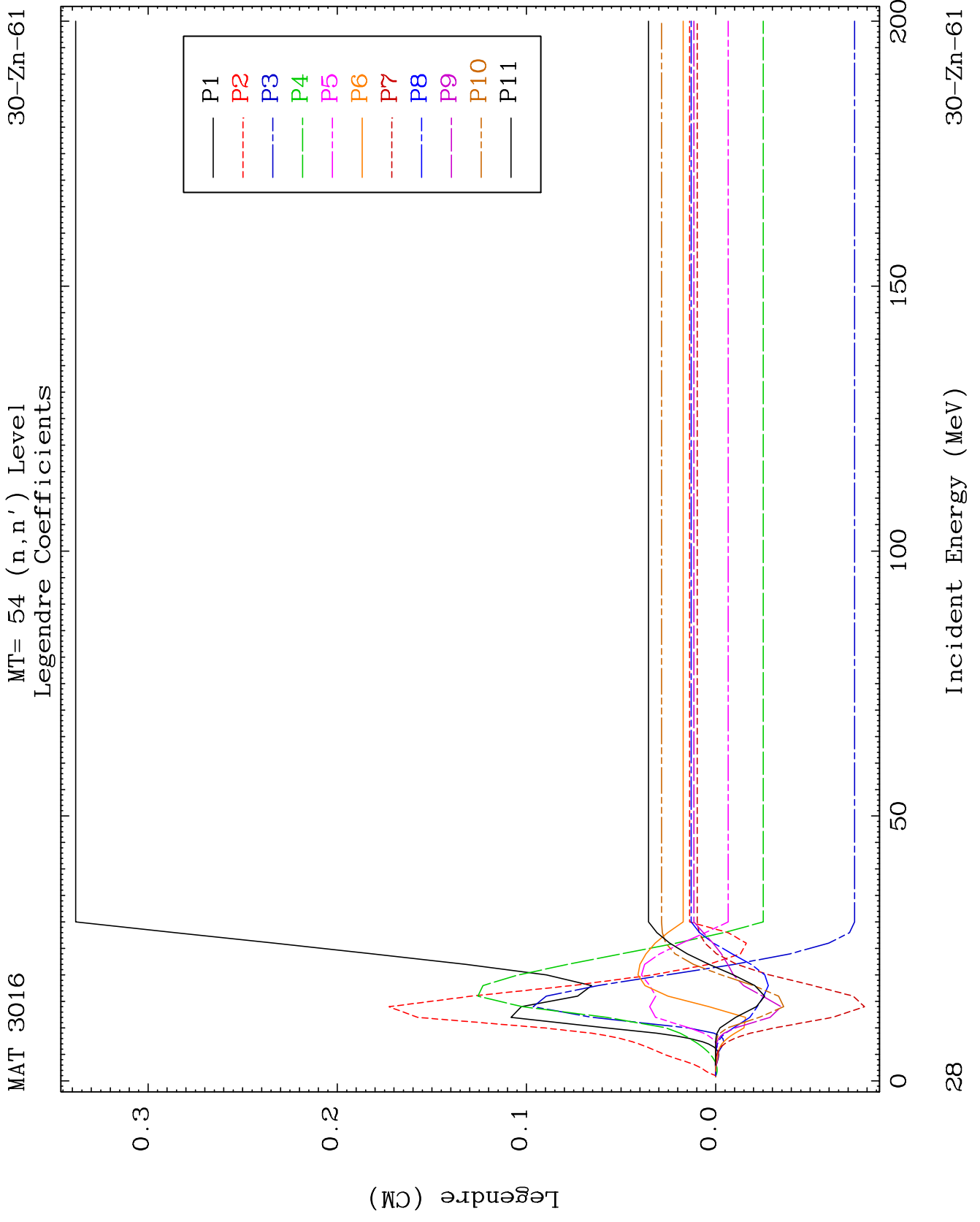
MAT 3016

MT= 53 (n,n') Level
Legendre Coefficients

30-Zn-61



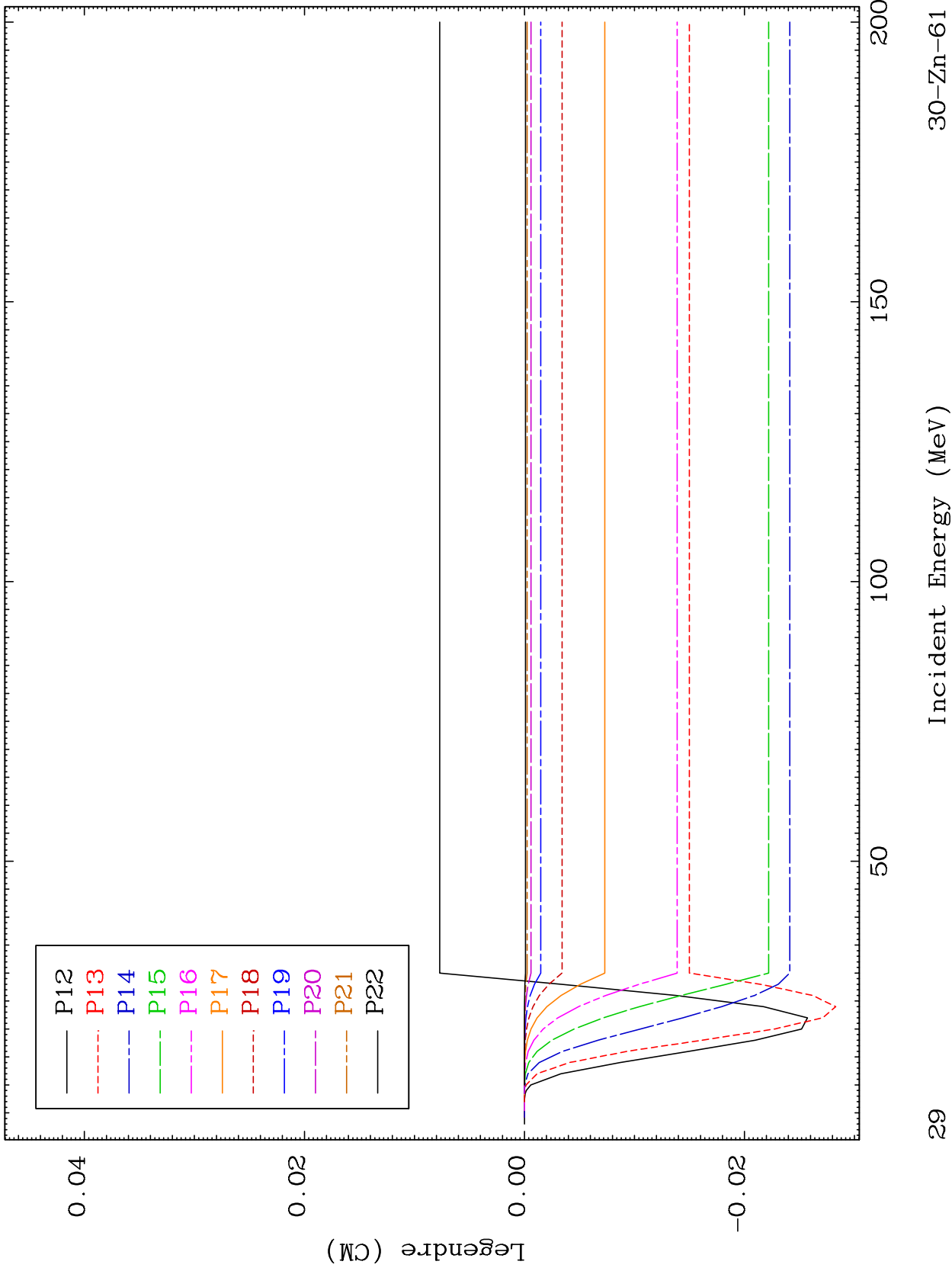




MAT 3016

MT= 54 (n,n') Level
Legendre Coefficients

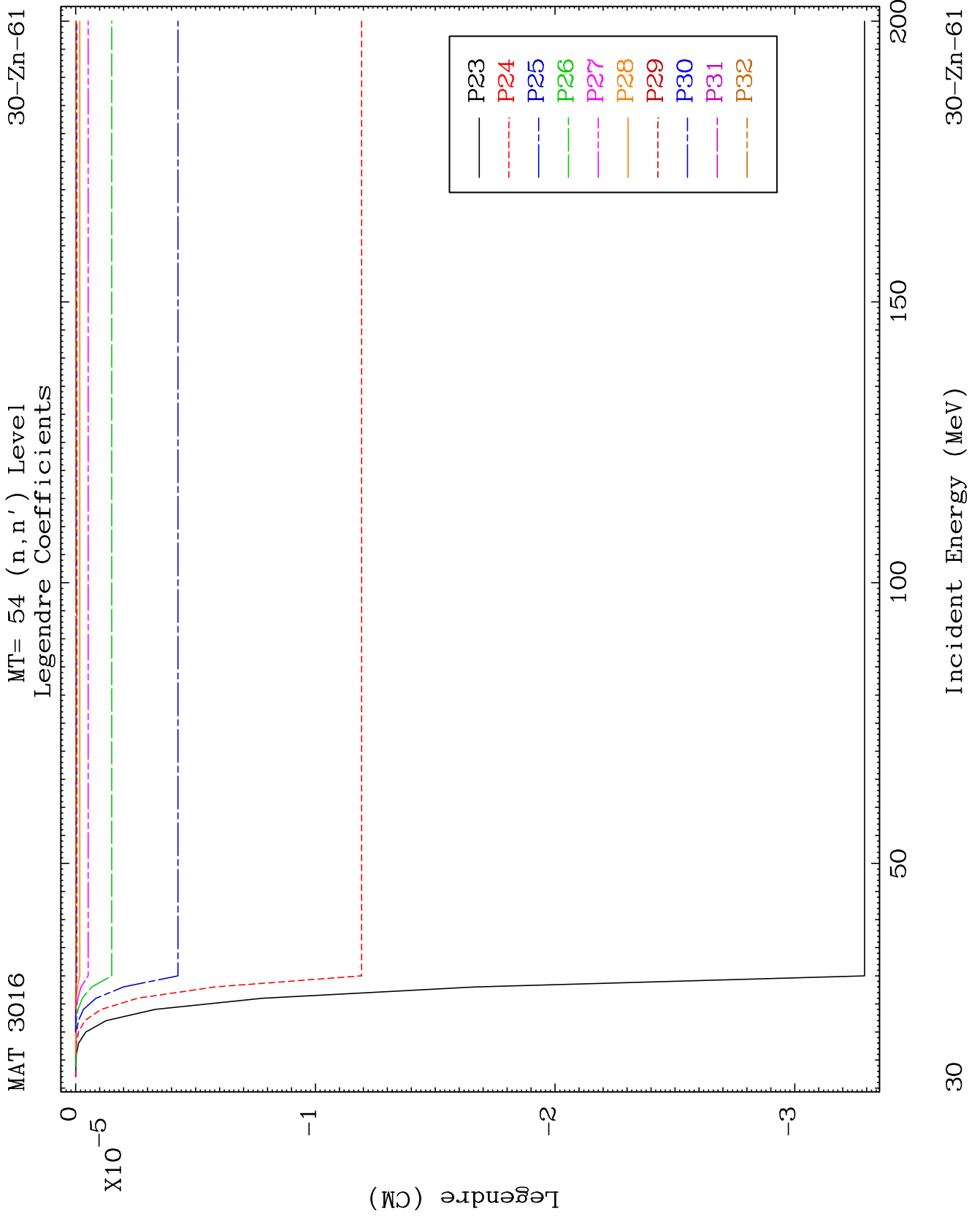
30-Zn-61

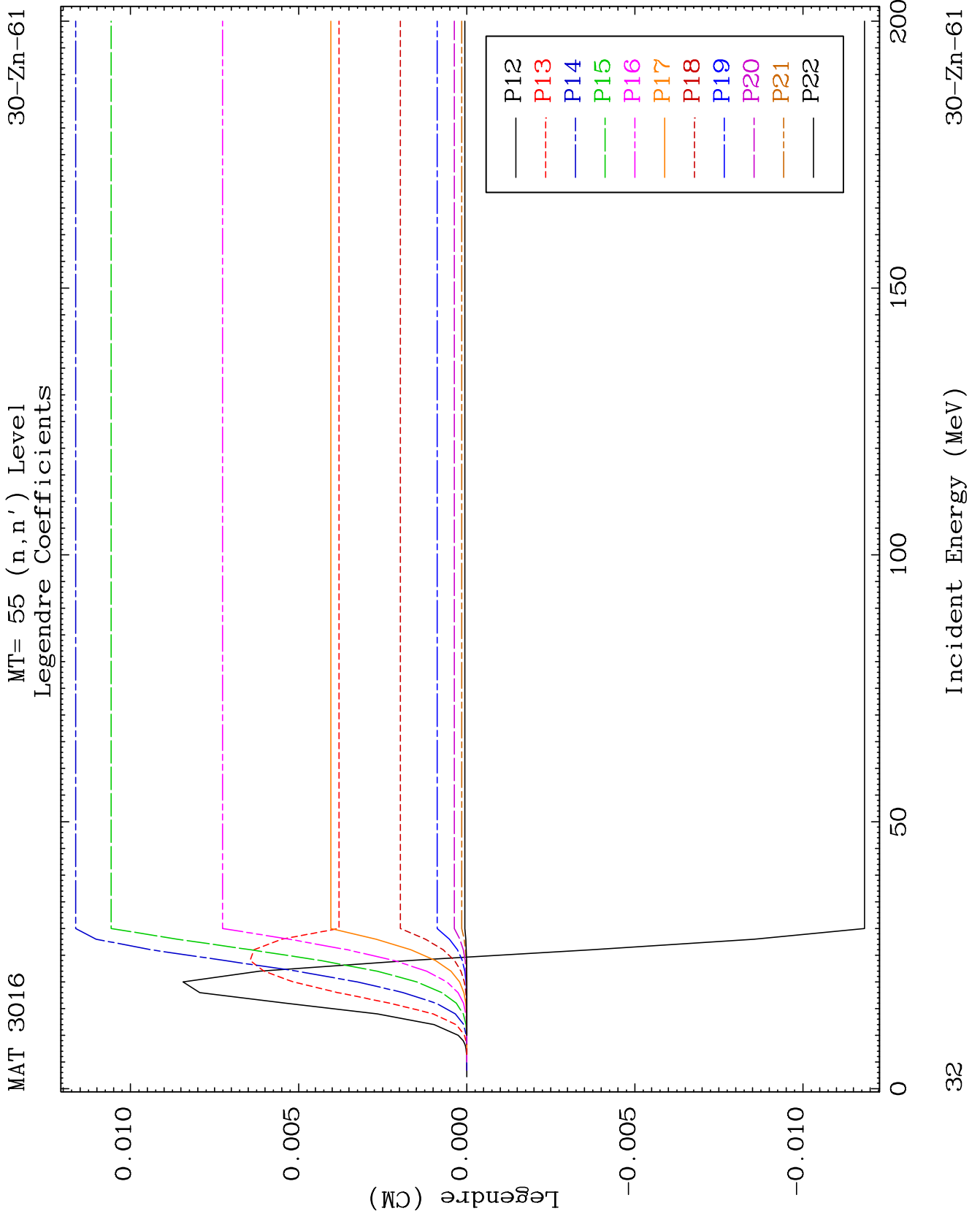


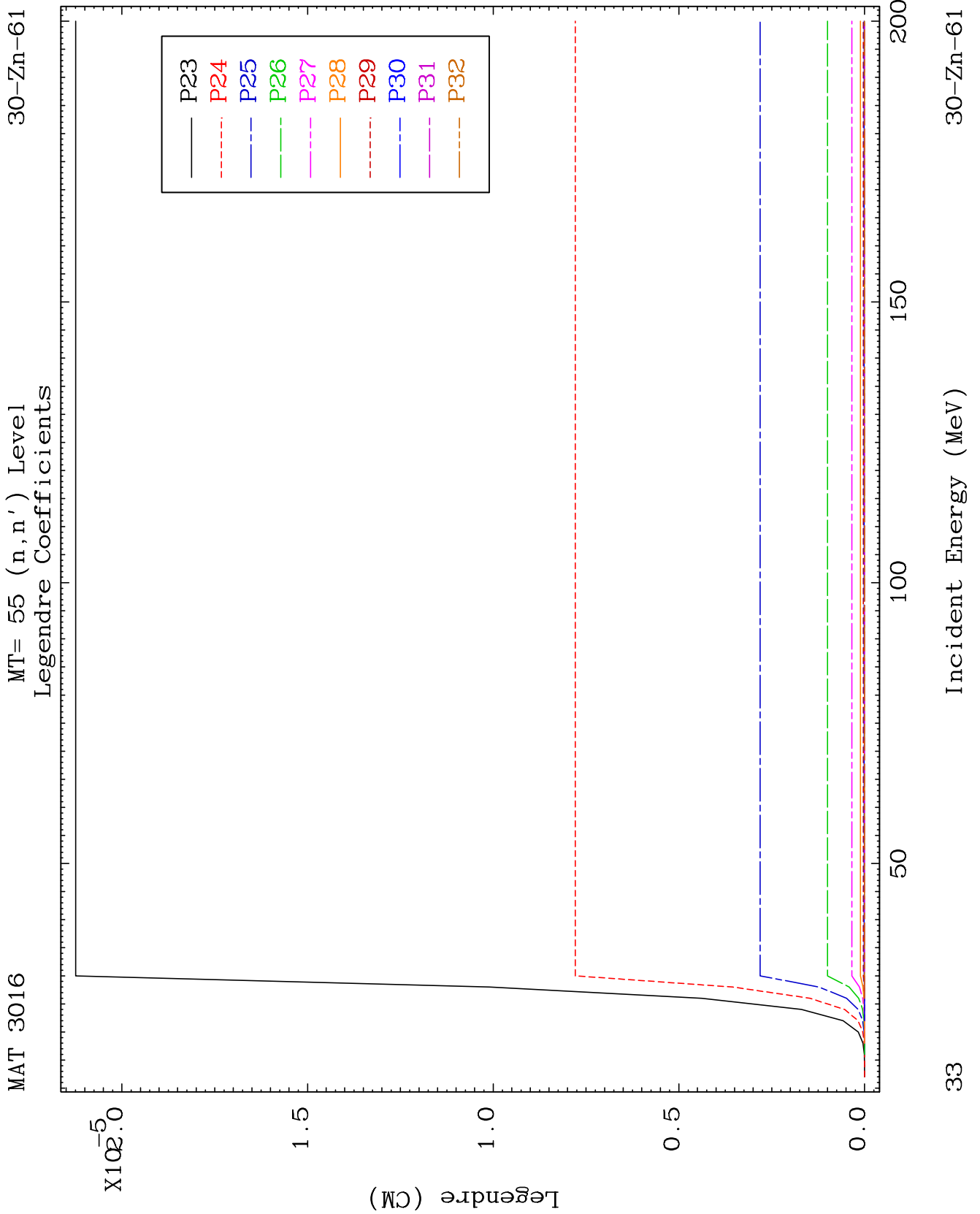
29

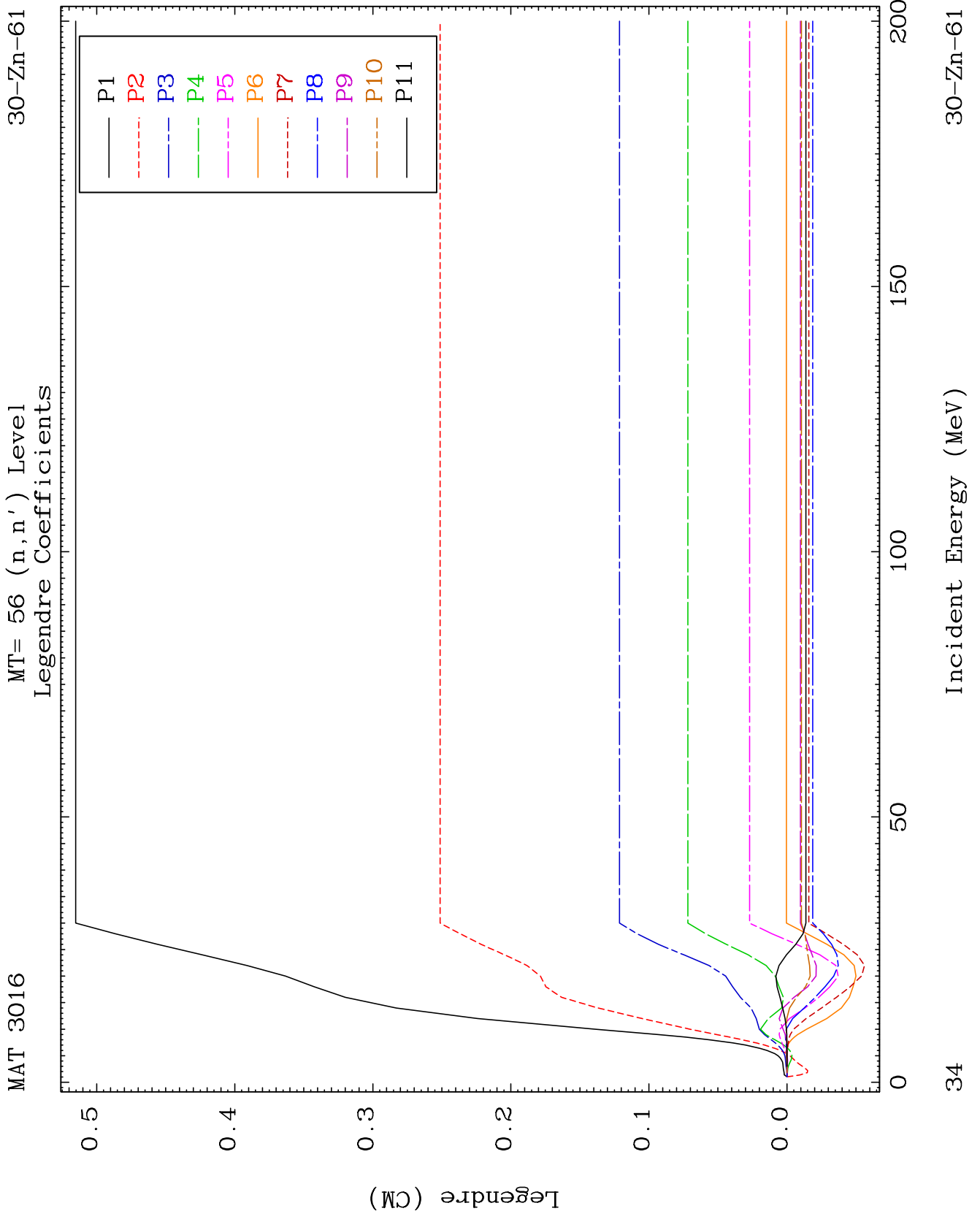
Incident Energy (MeV)

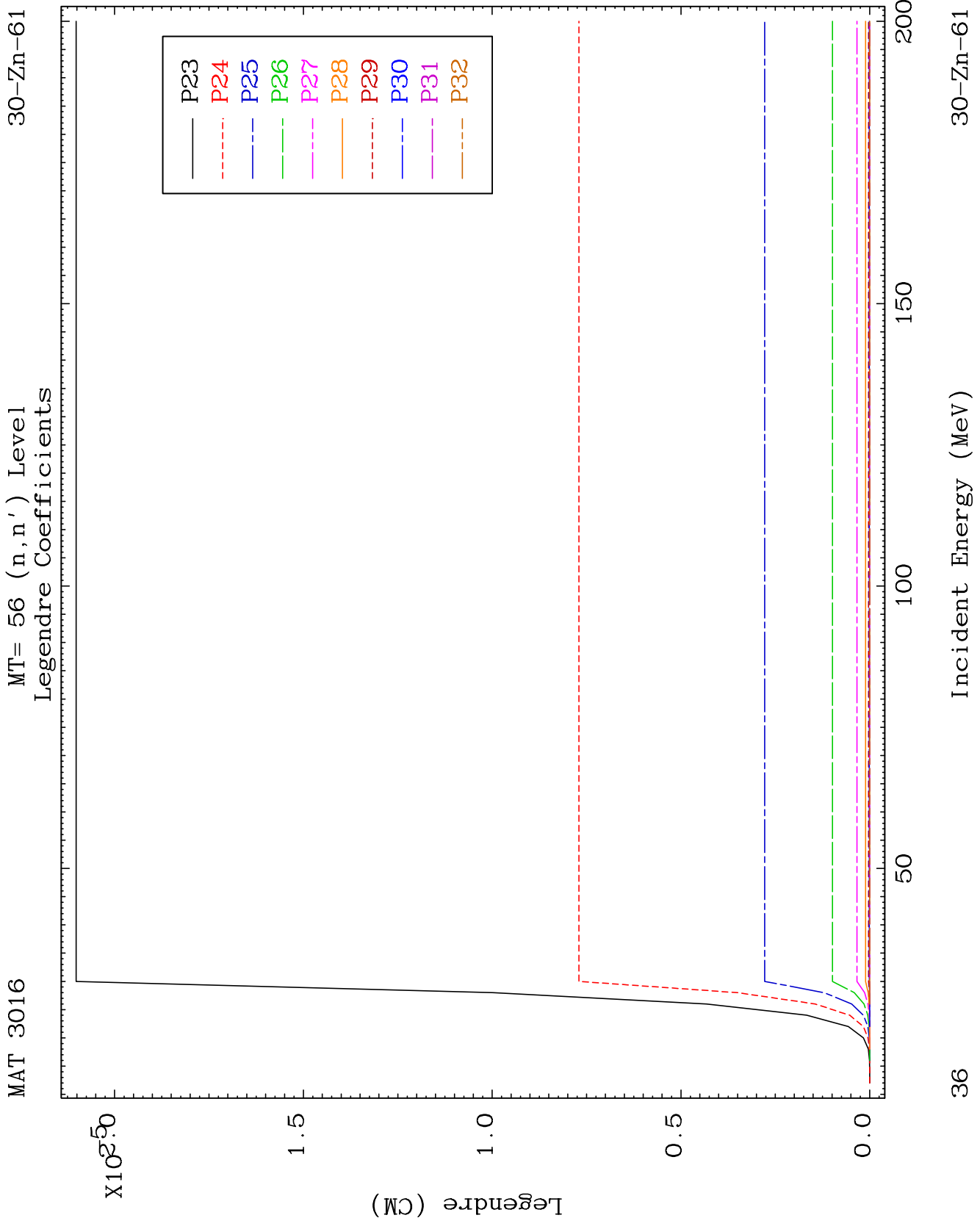
30-Zn-61

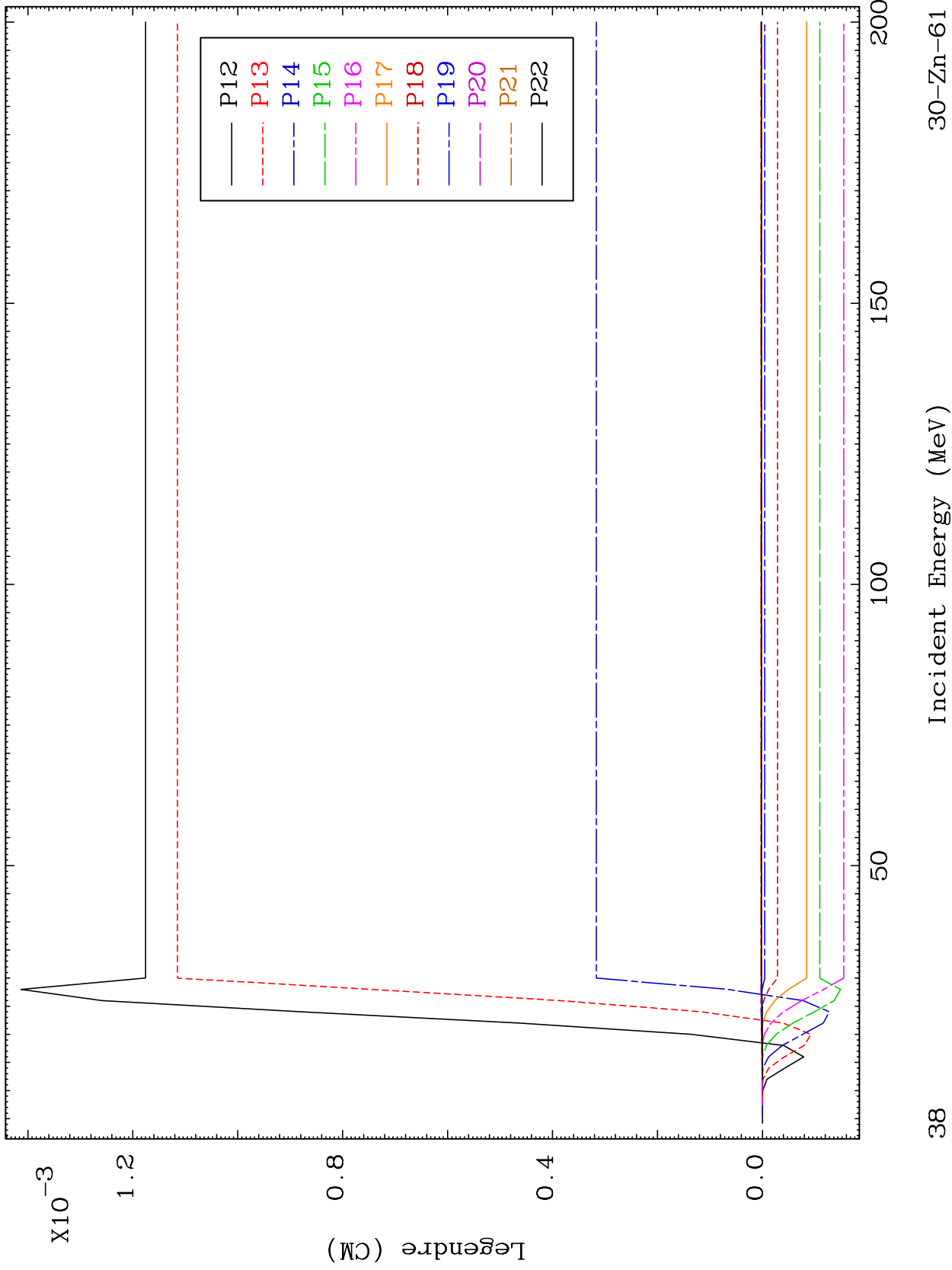


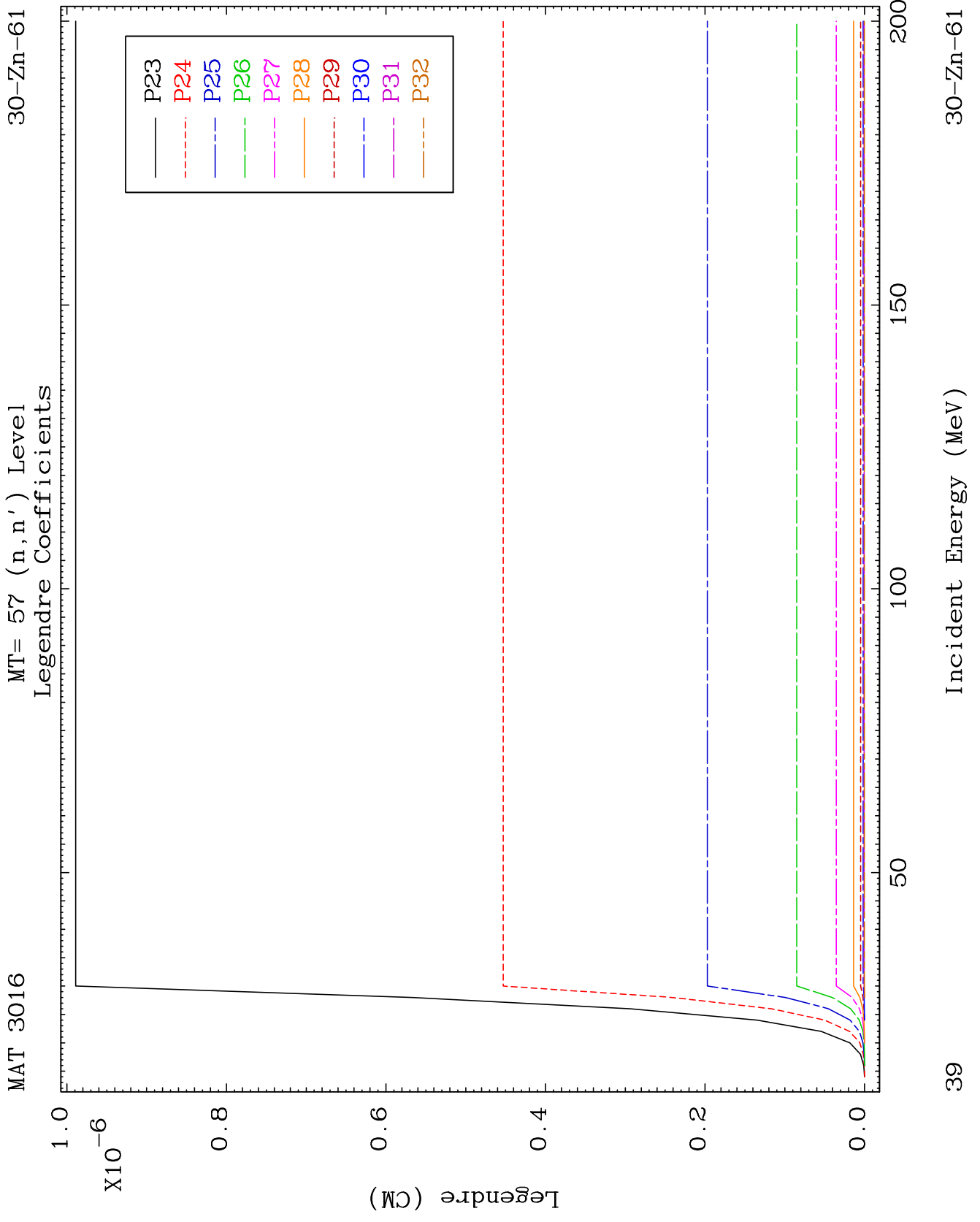


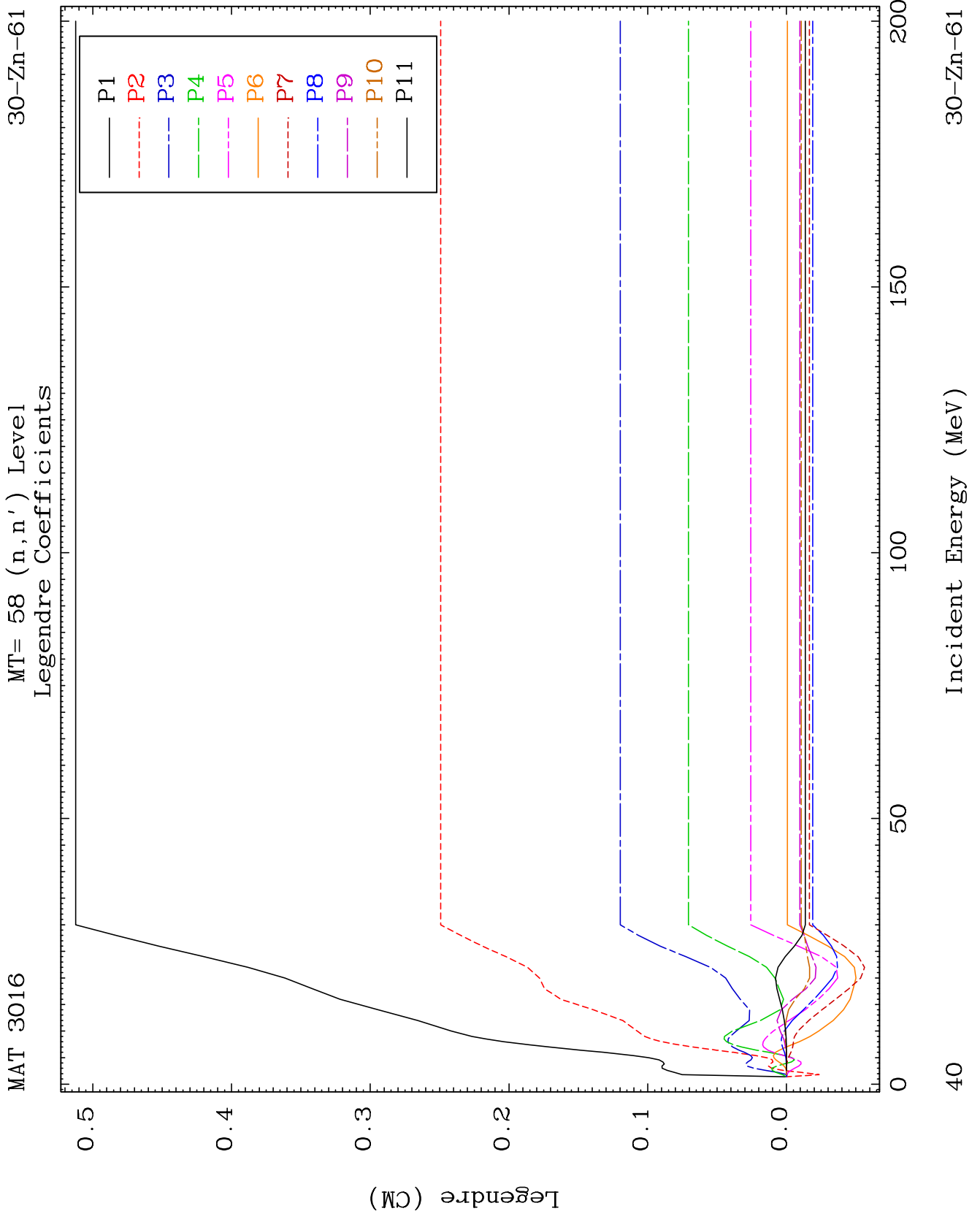


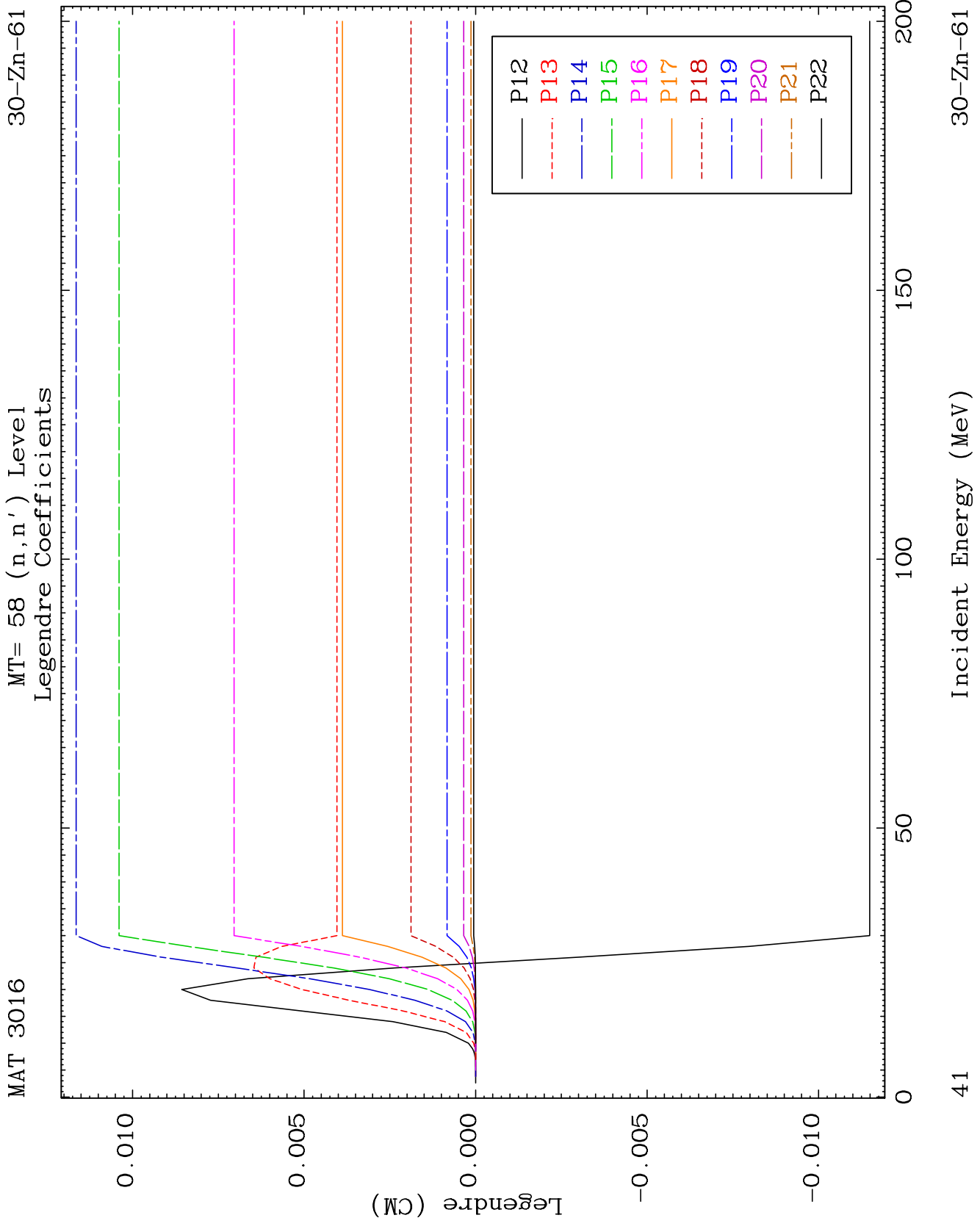


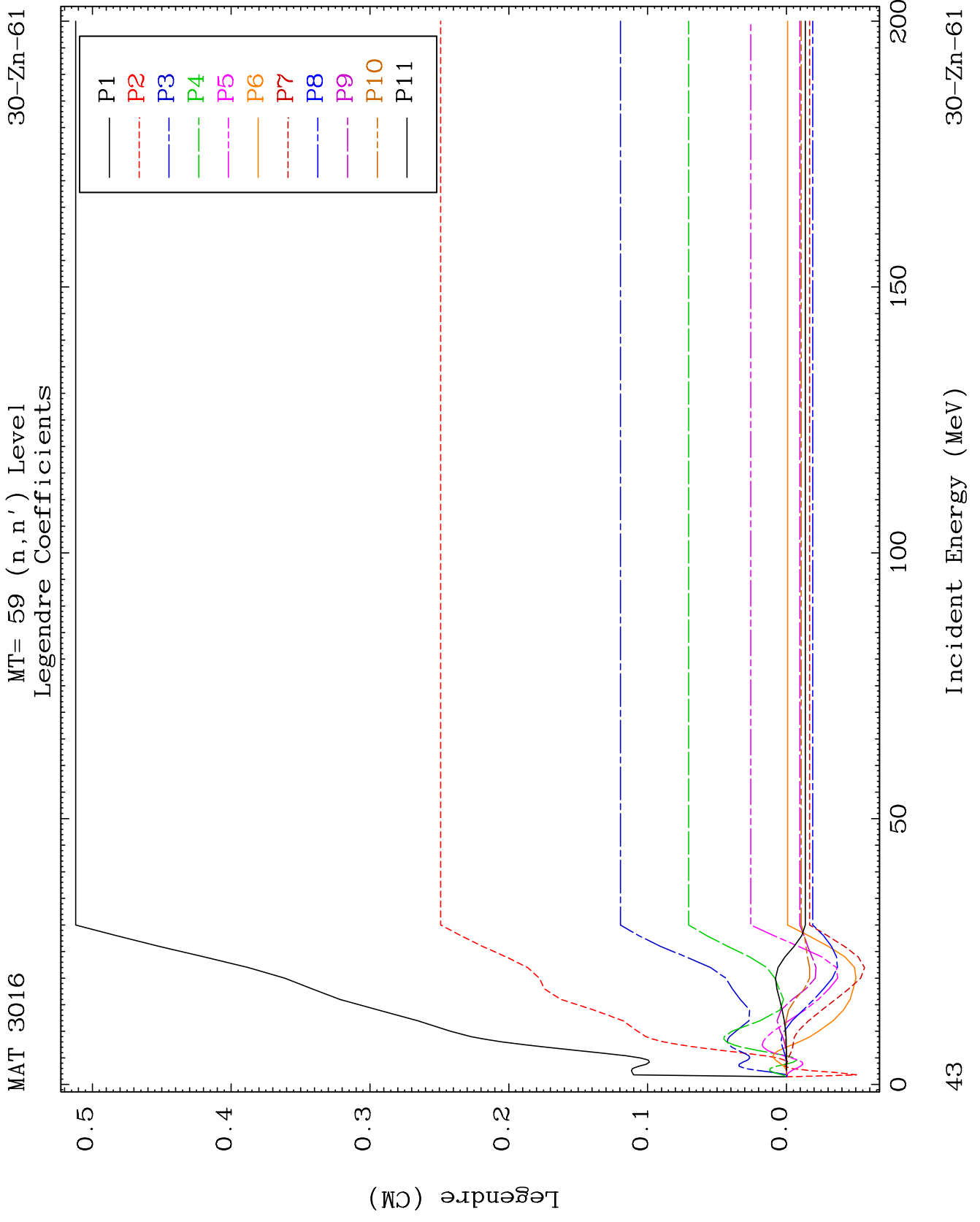


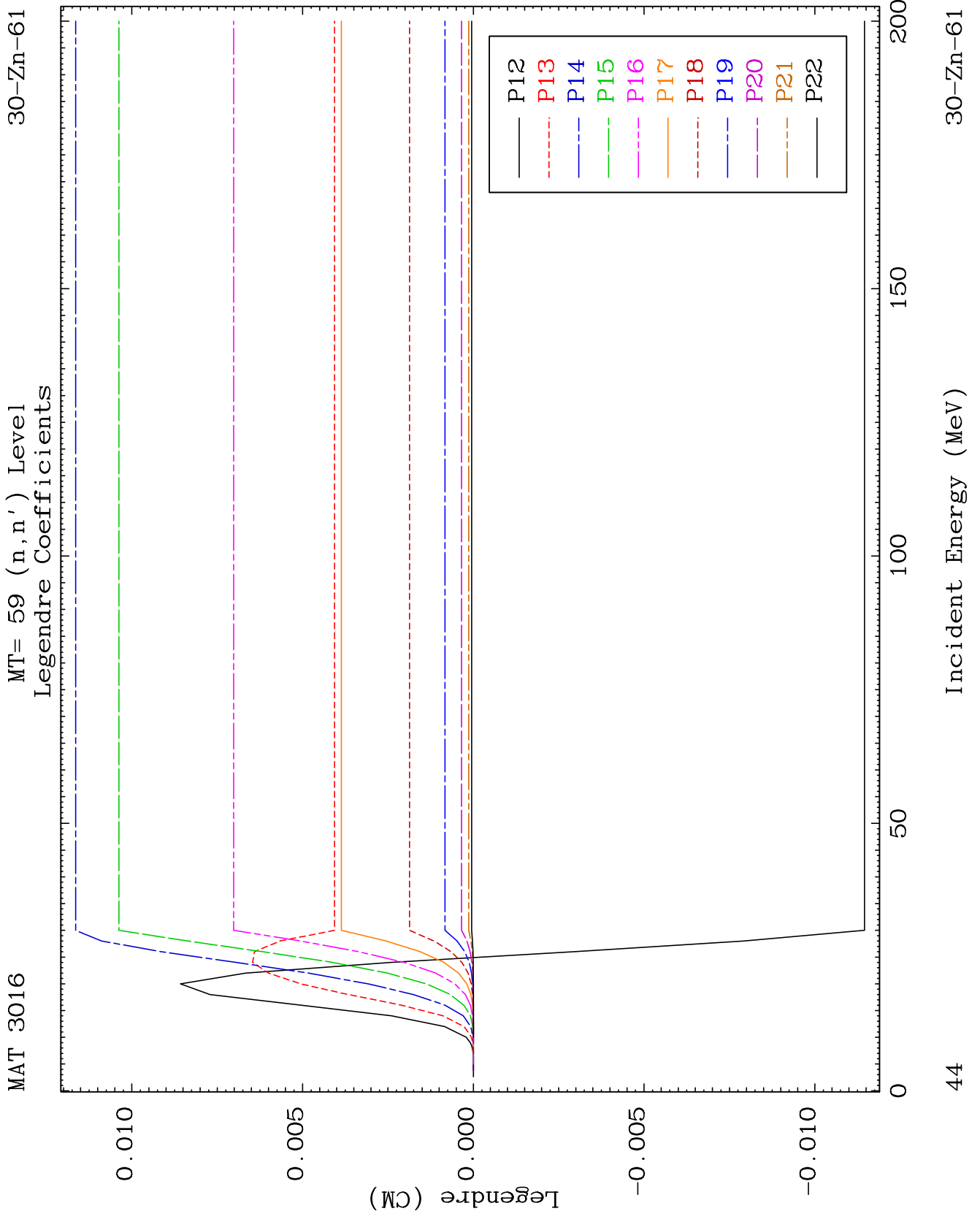


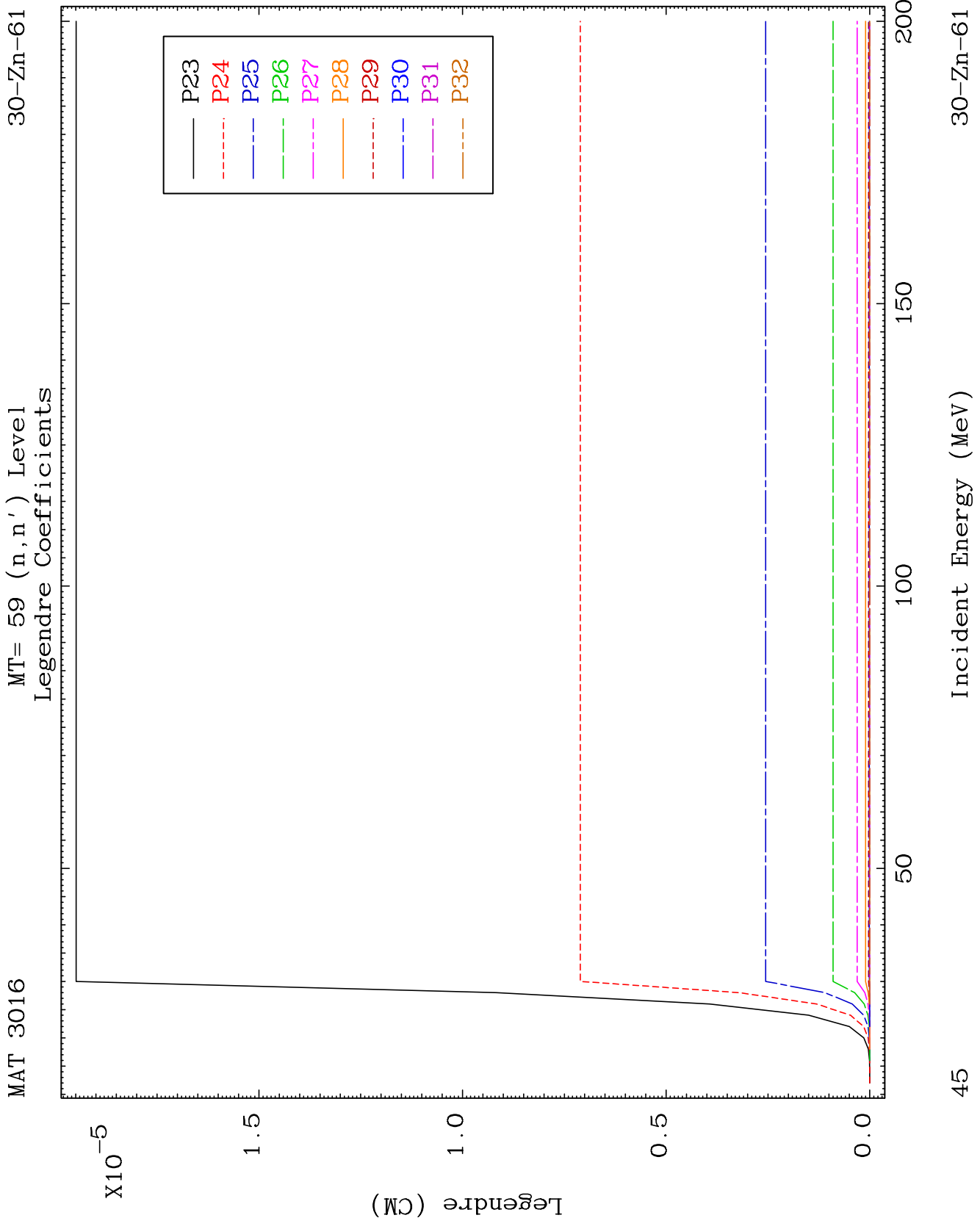


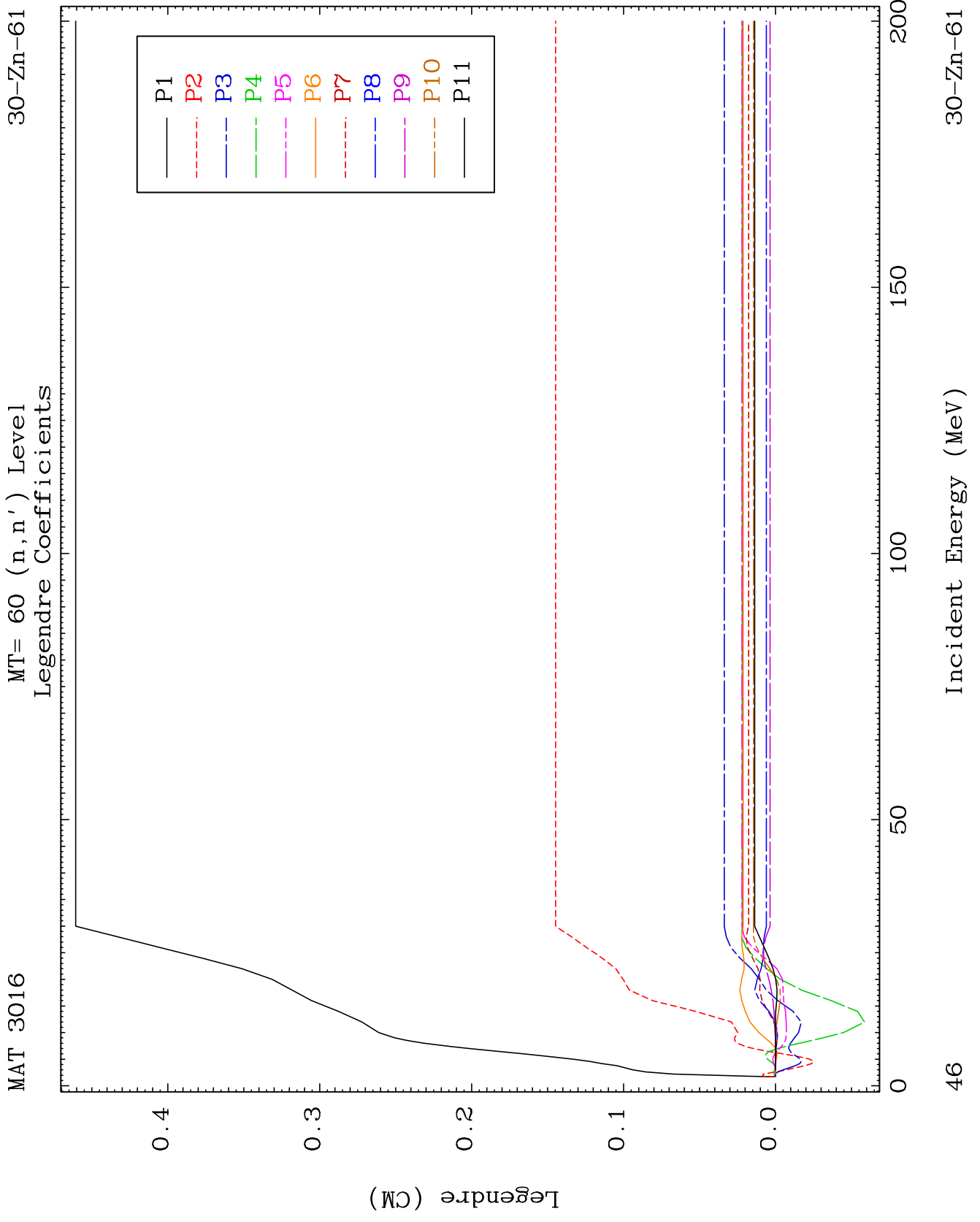


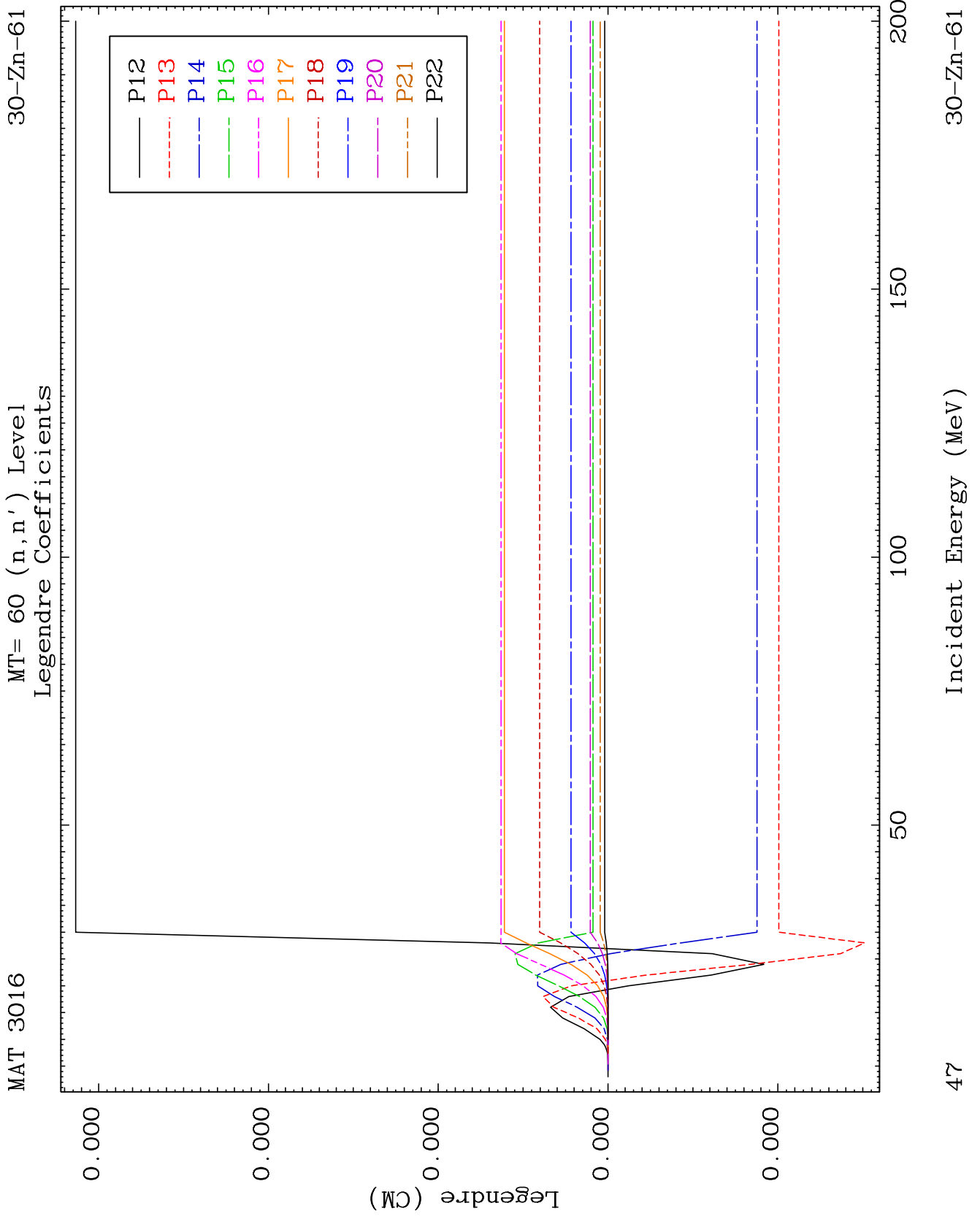








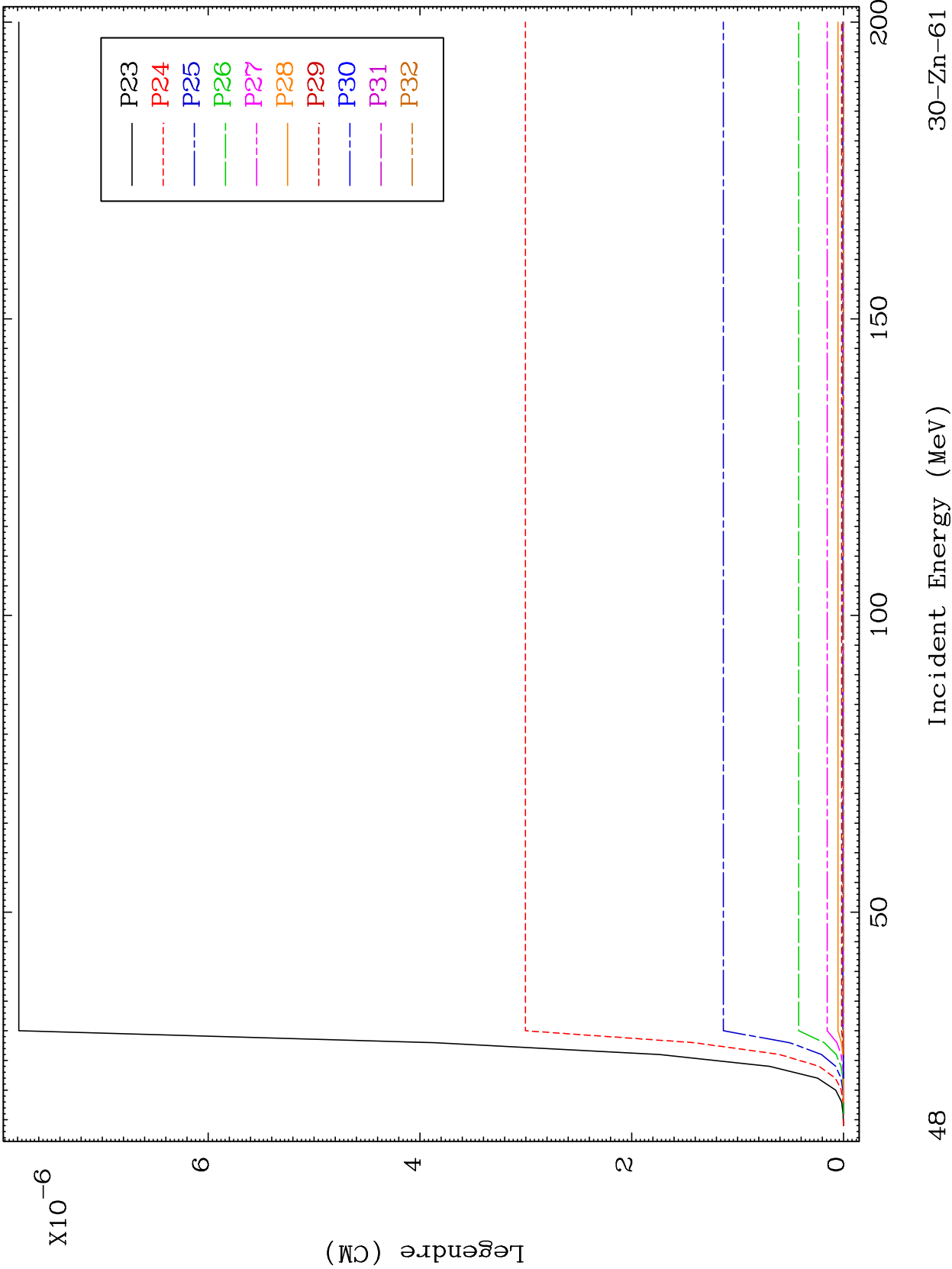




MAT 3016

MT= 60 (n,n') Level
Legendre Coefficients

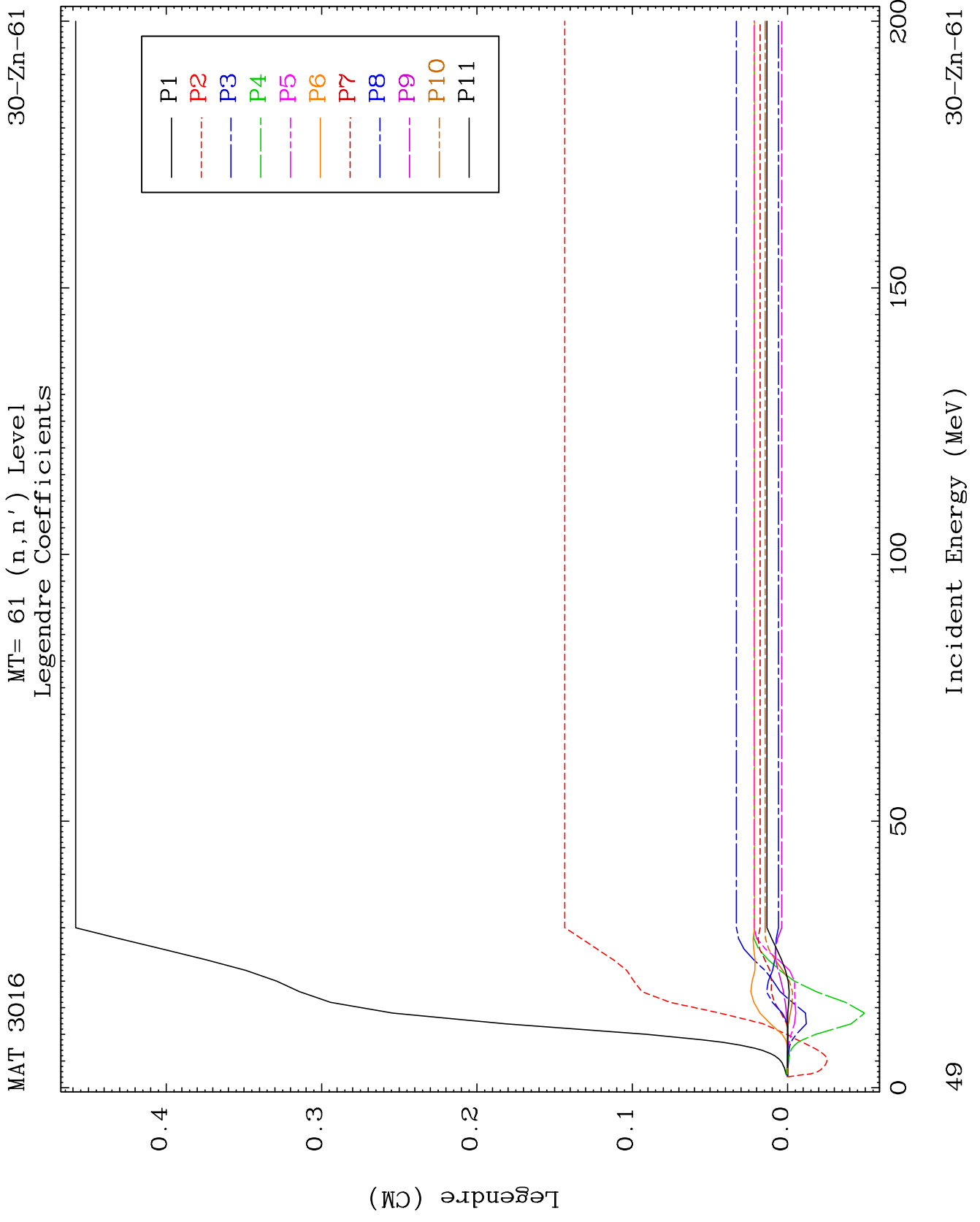
30-Zn-61

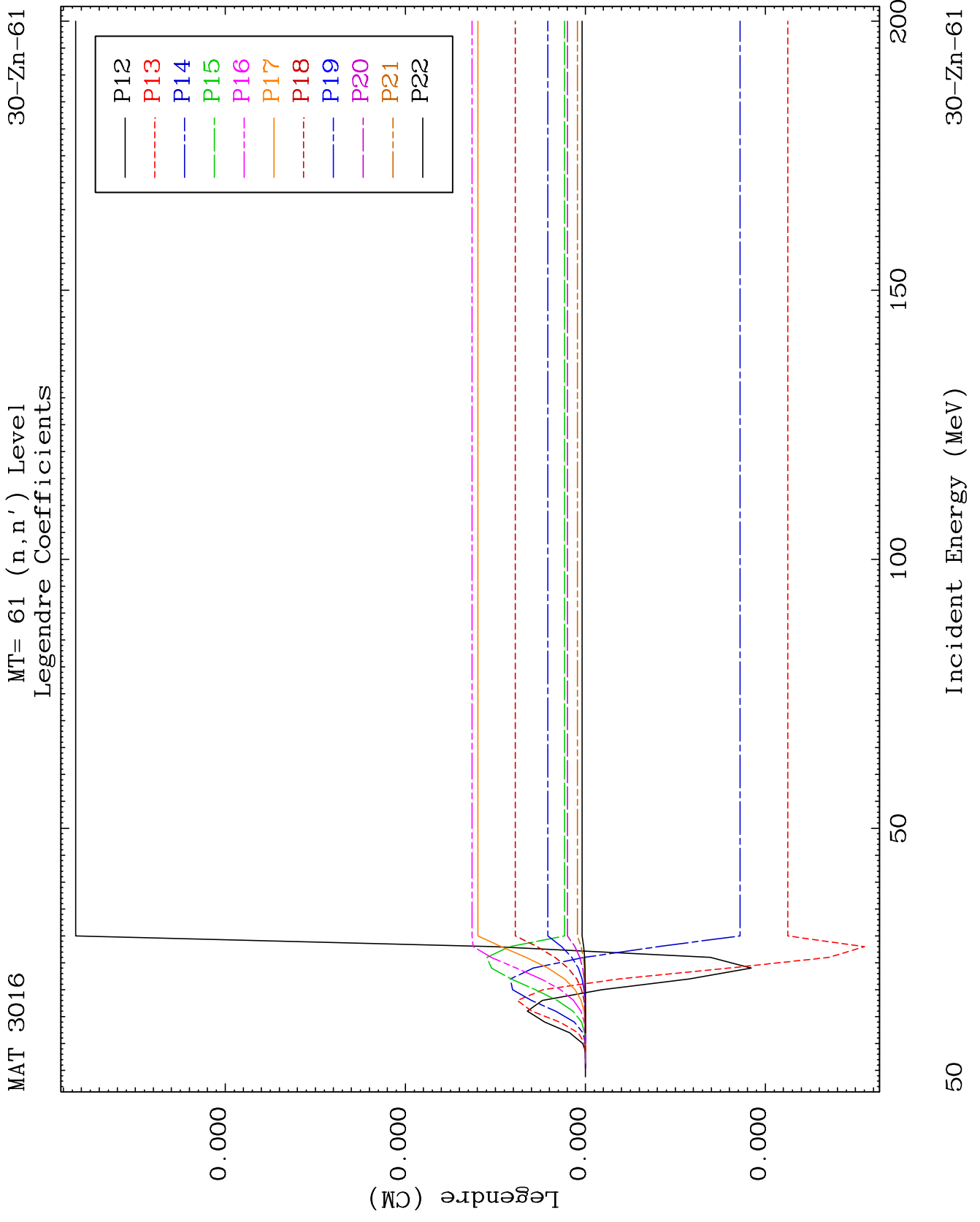


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Incident Energy (MeV)

30-Zn-61

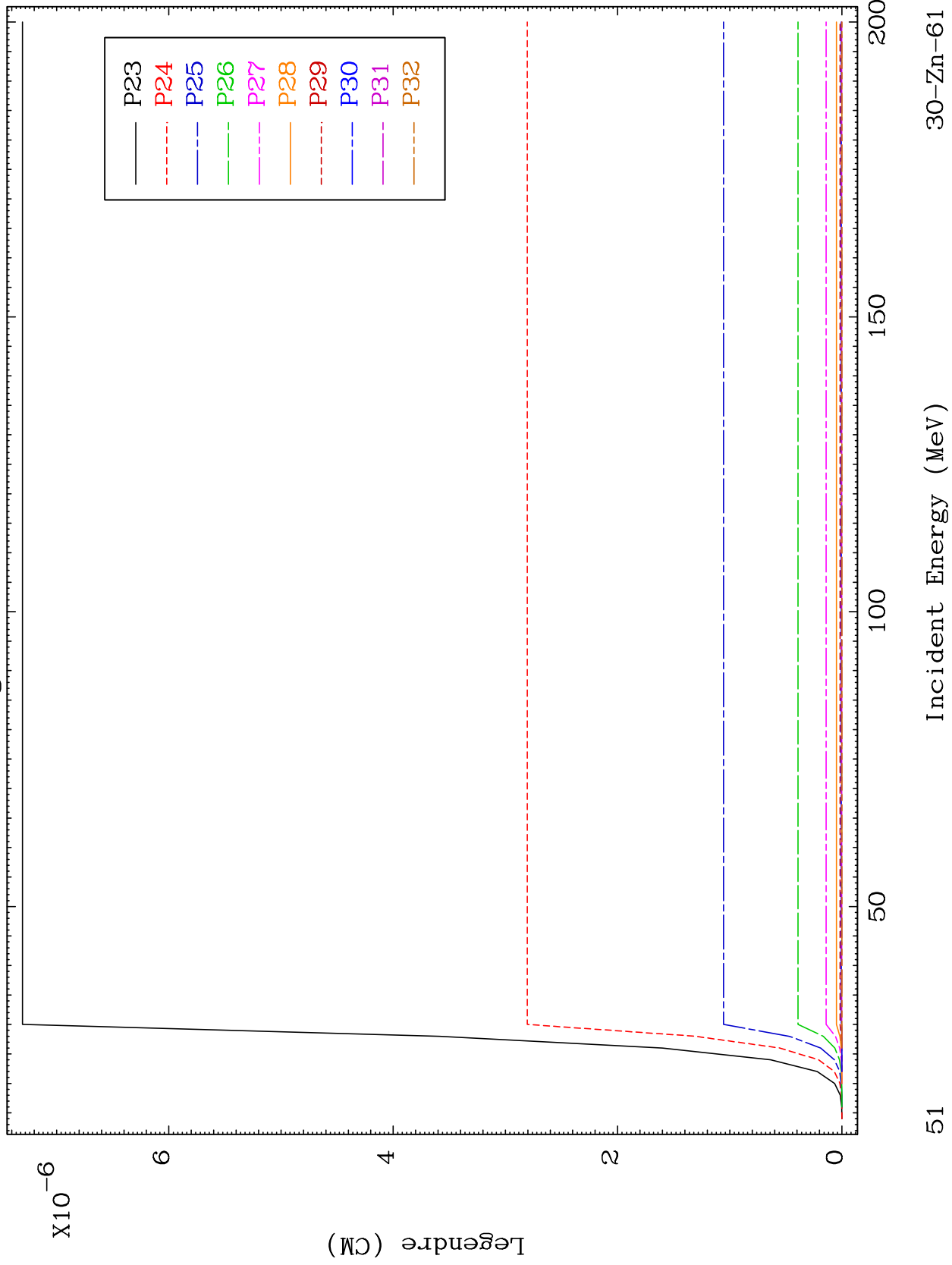




MAT 3016

MT= 61 (n,n') Level
Legendre Coefficients

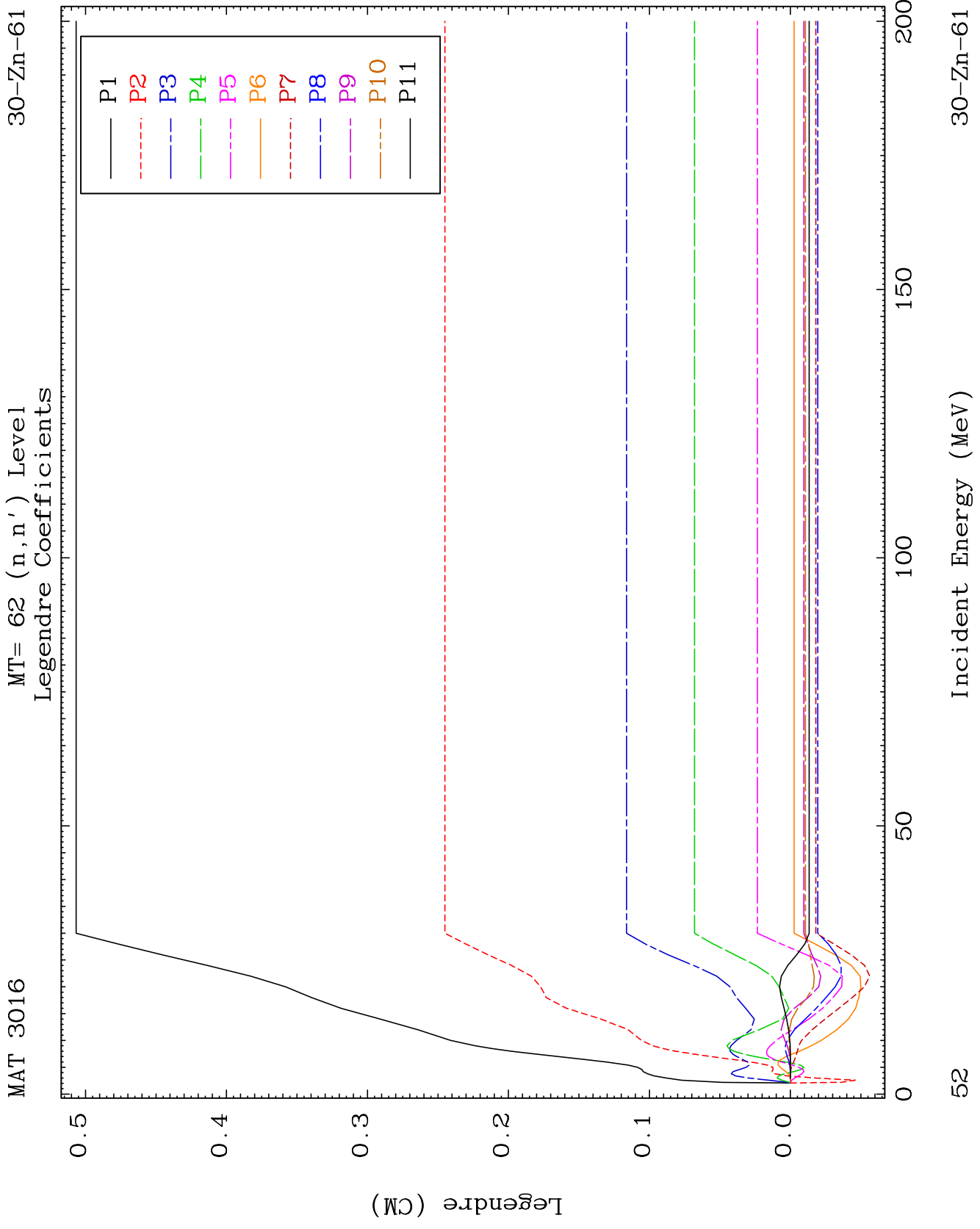
30-Zn-61

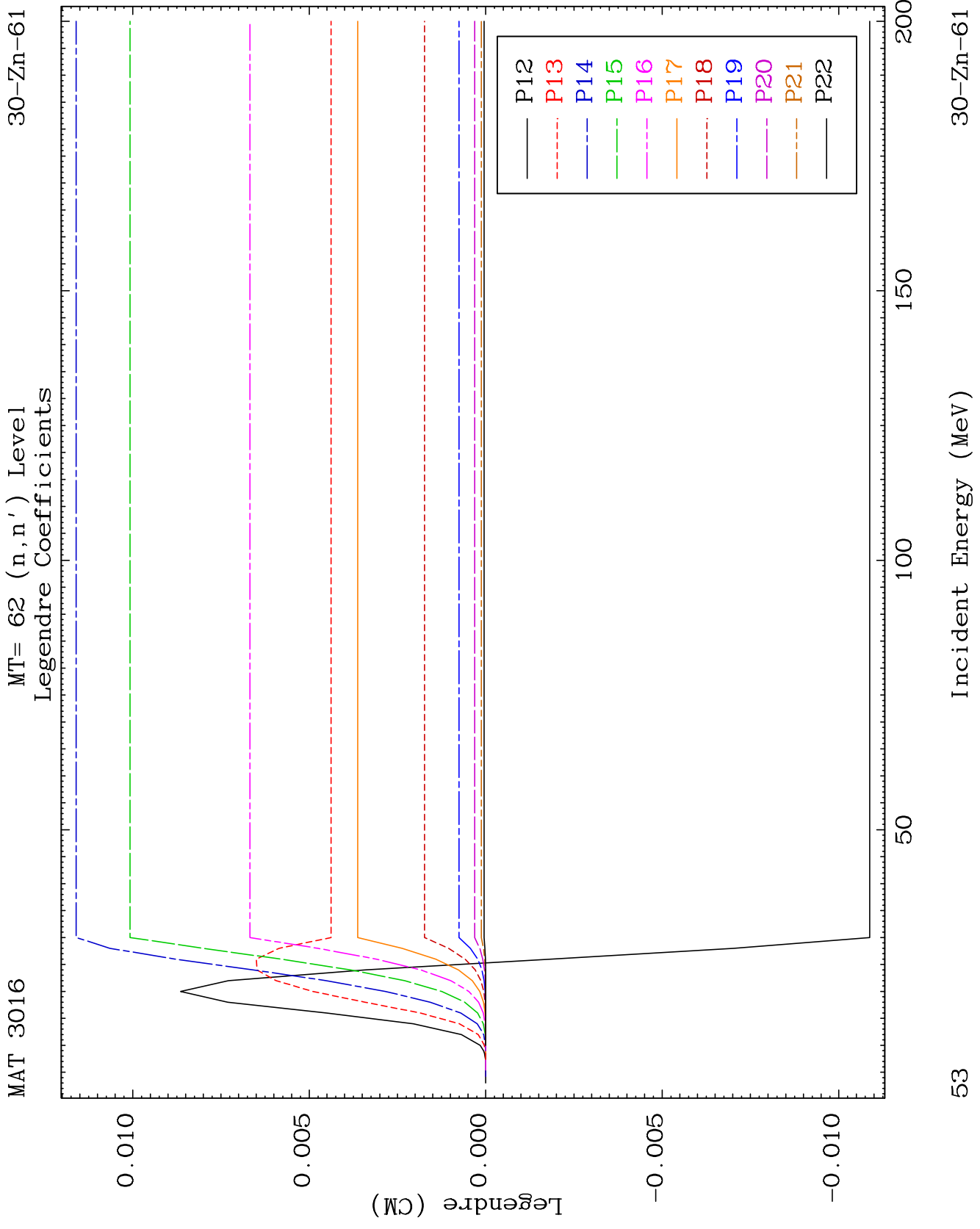


51

Incident Energy (MeV)

30-Zn-61

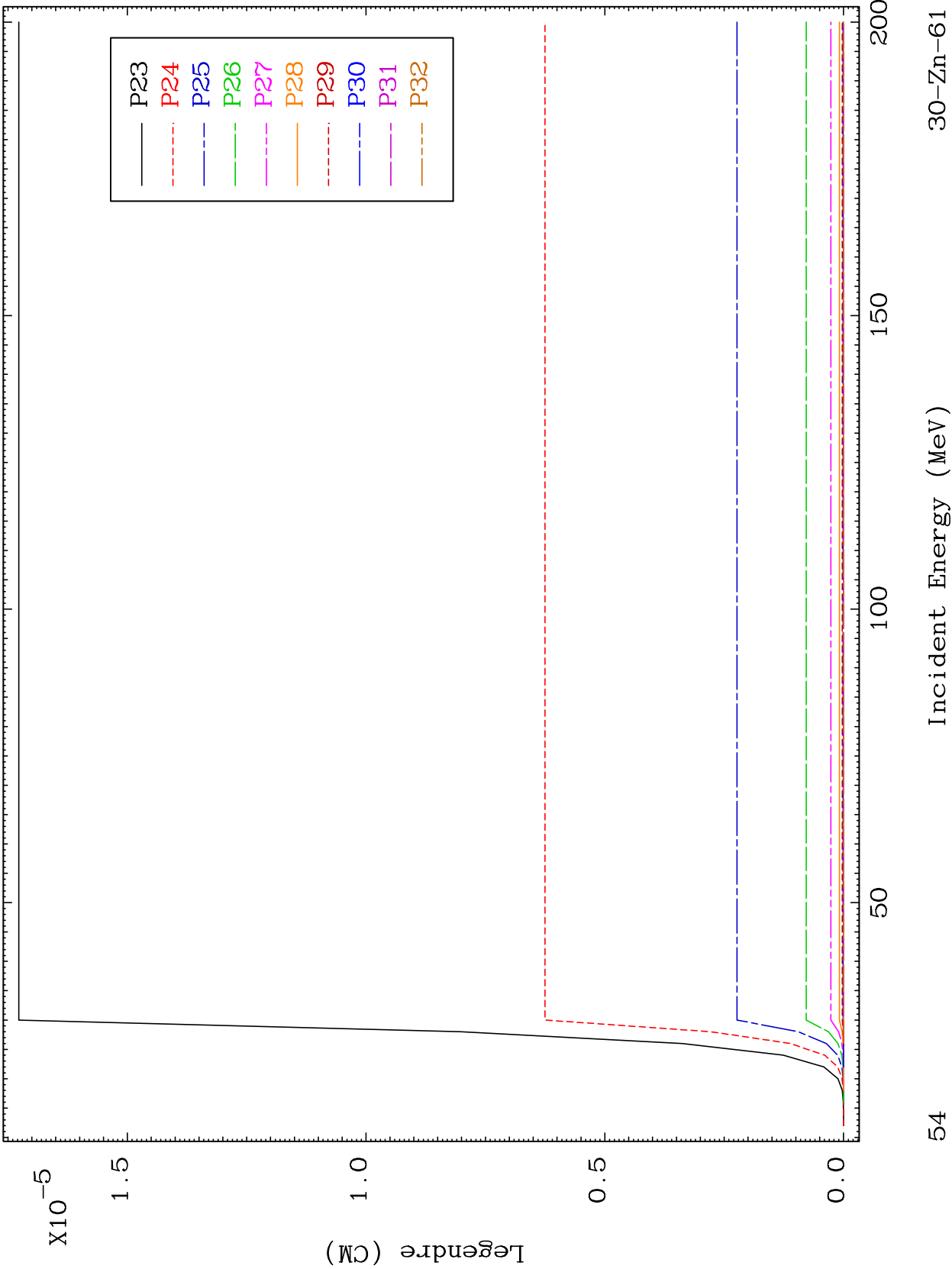




MAT 3016

MT= 62 (n,n') Level
Legendre Coefficients

30-Zn-61



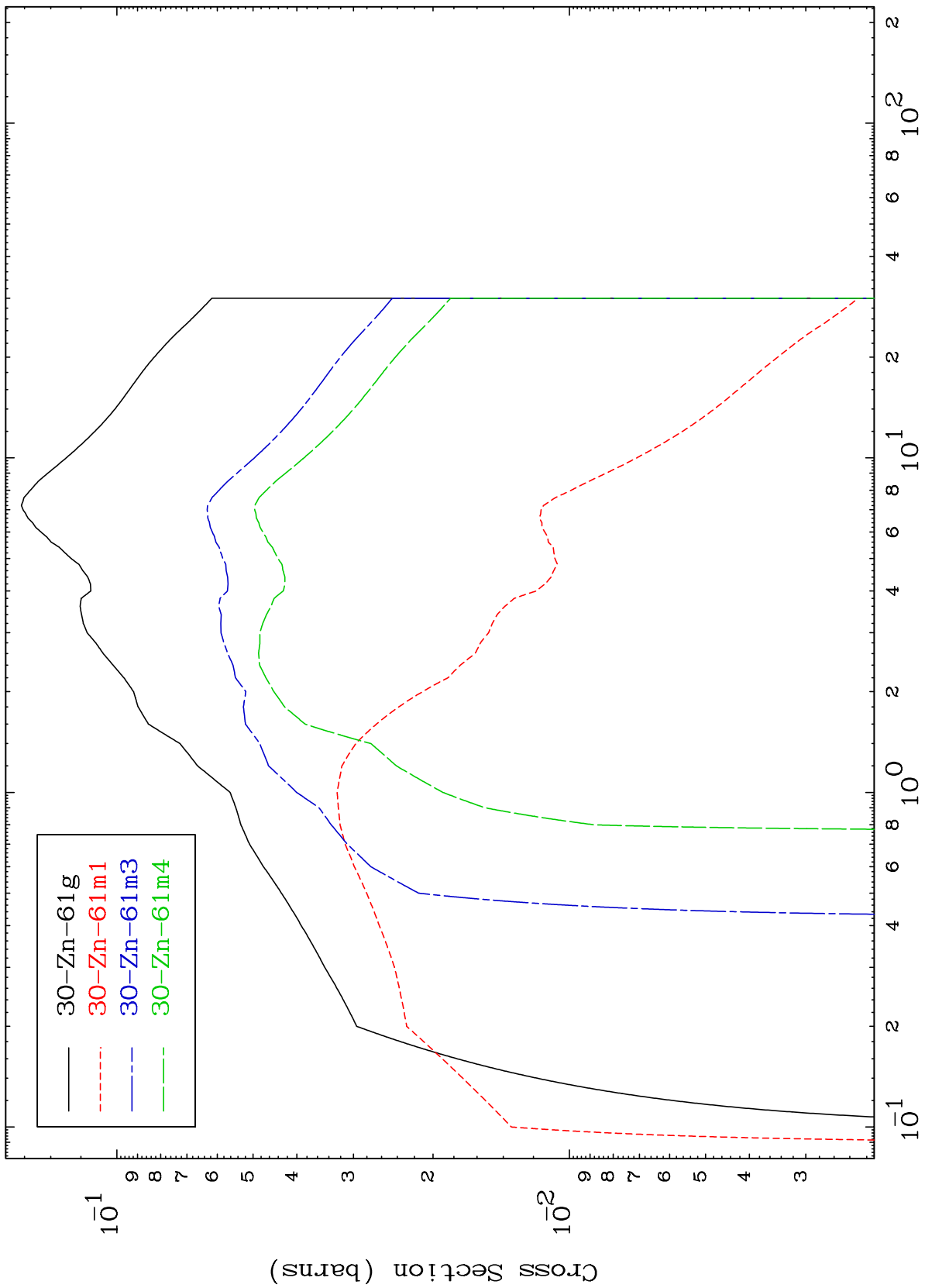
54

30-Zn-61

MAT 3016

30-Zn-61

Inelastic
Radionuclide Production Cross Section



30-Zn-61g
30-Zn-61m1
30-Zn-61m3
30-Zn-61m4

30-Zn-61

Incident Energy (MeV)

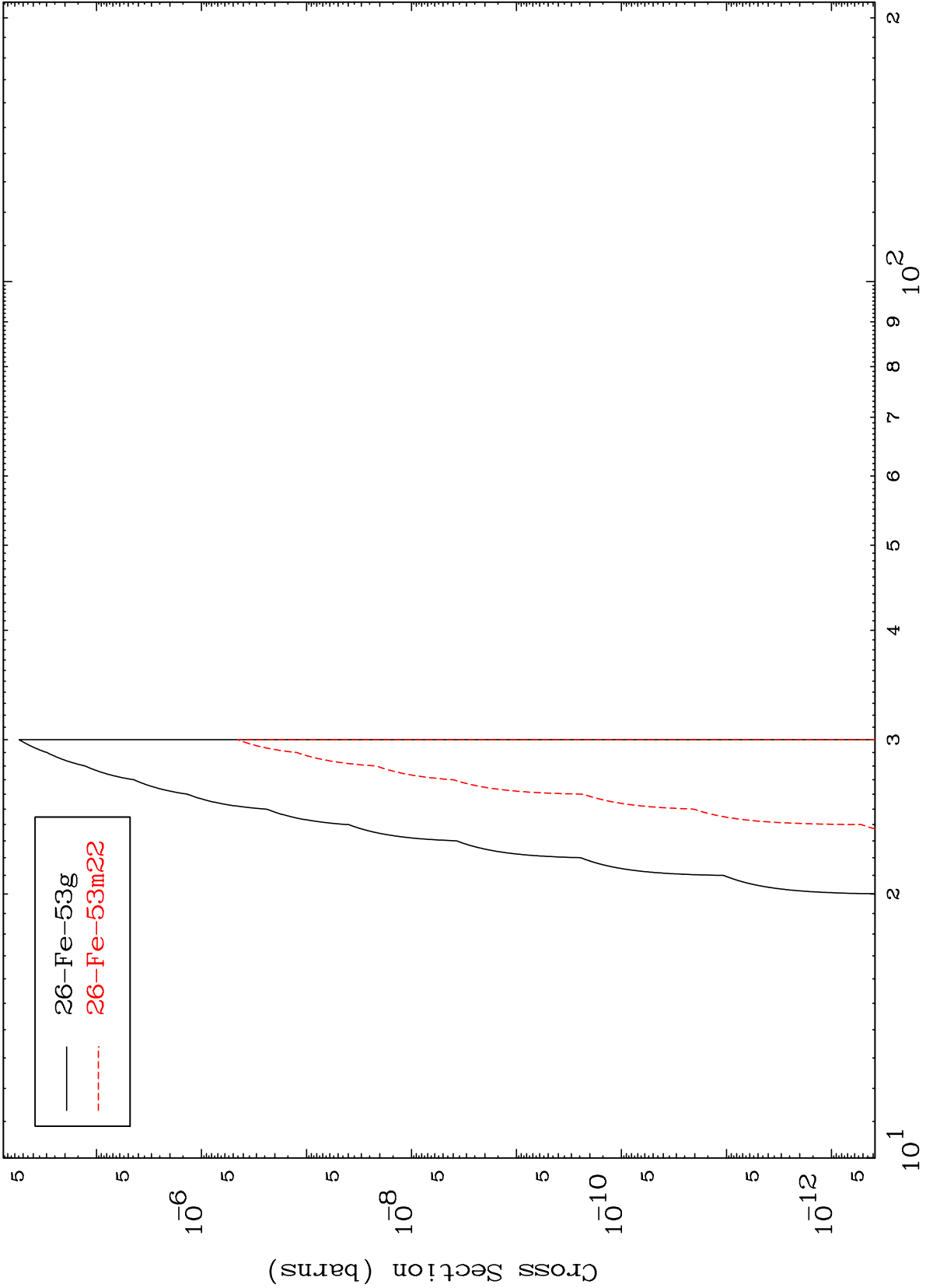
55

MAT 3016

(n,n') 2α

30-Zn-61

Radionuclide Production Cross Section



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Incident Energy (MeV)

30-Zn-61