

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

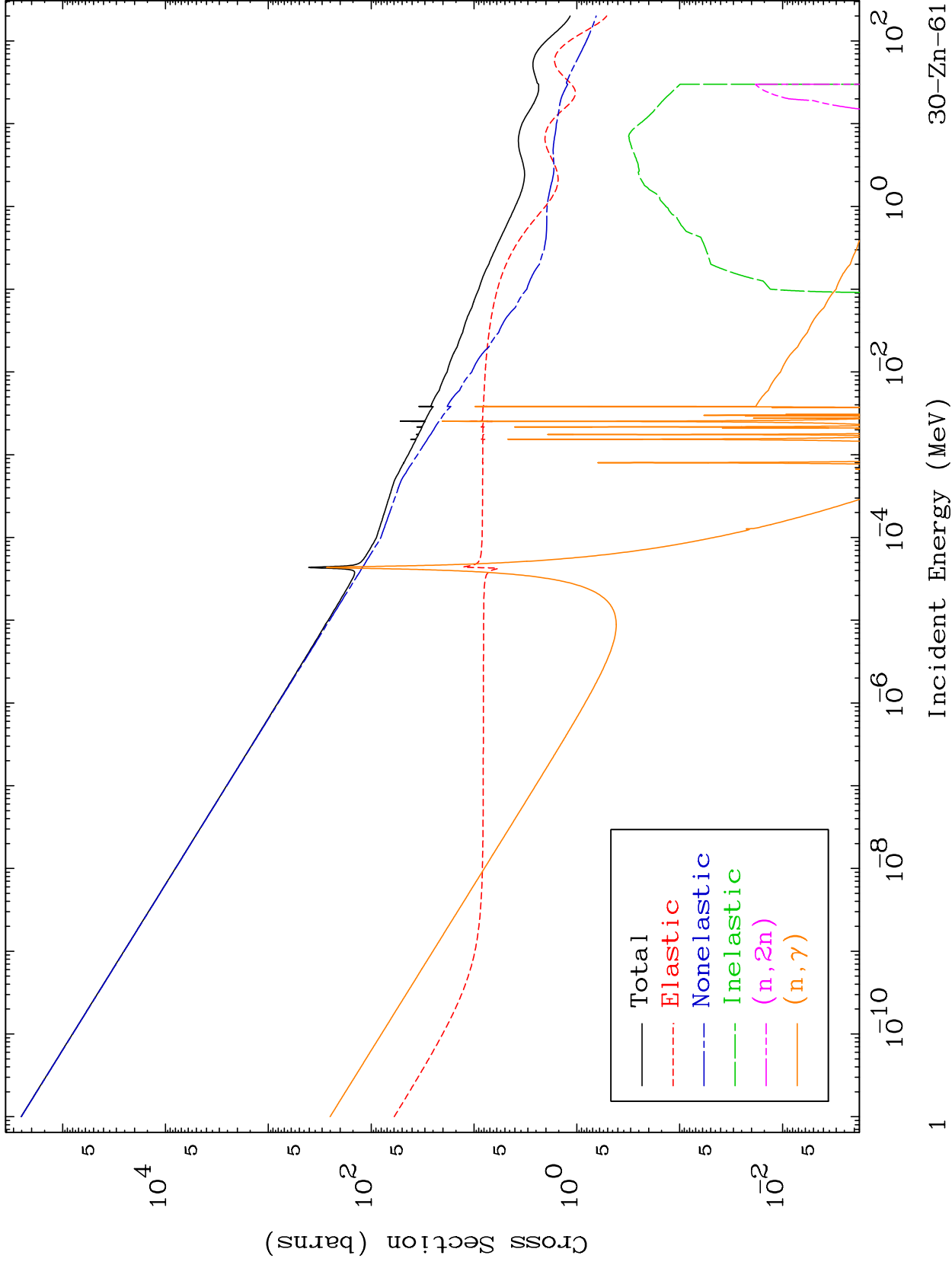
Web:redcullen1.net/HOMEPAGE.NEW

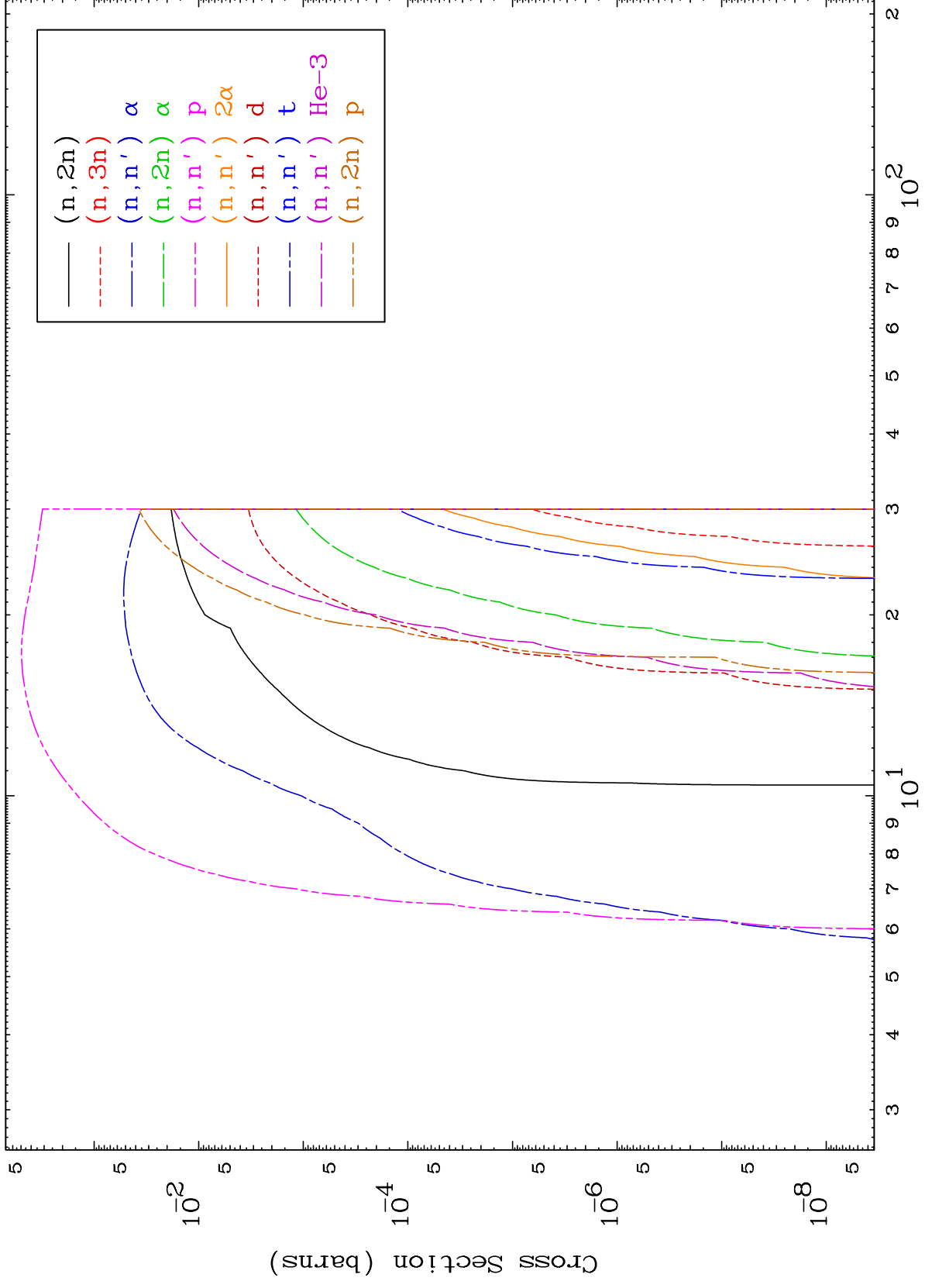
Press Mouse Button to Start

MAT 3016

Neutron Major
293 Kelvin Cross Sections

30-Zn-61

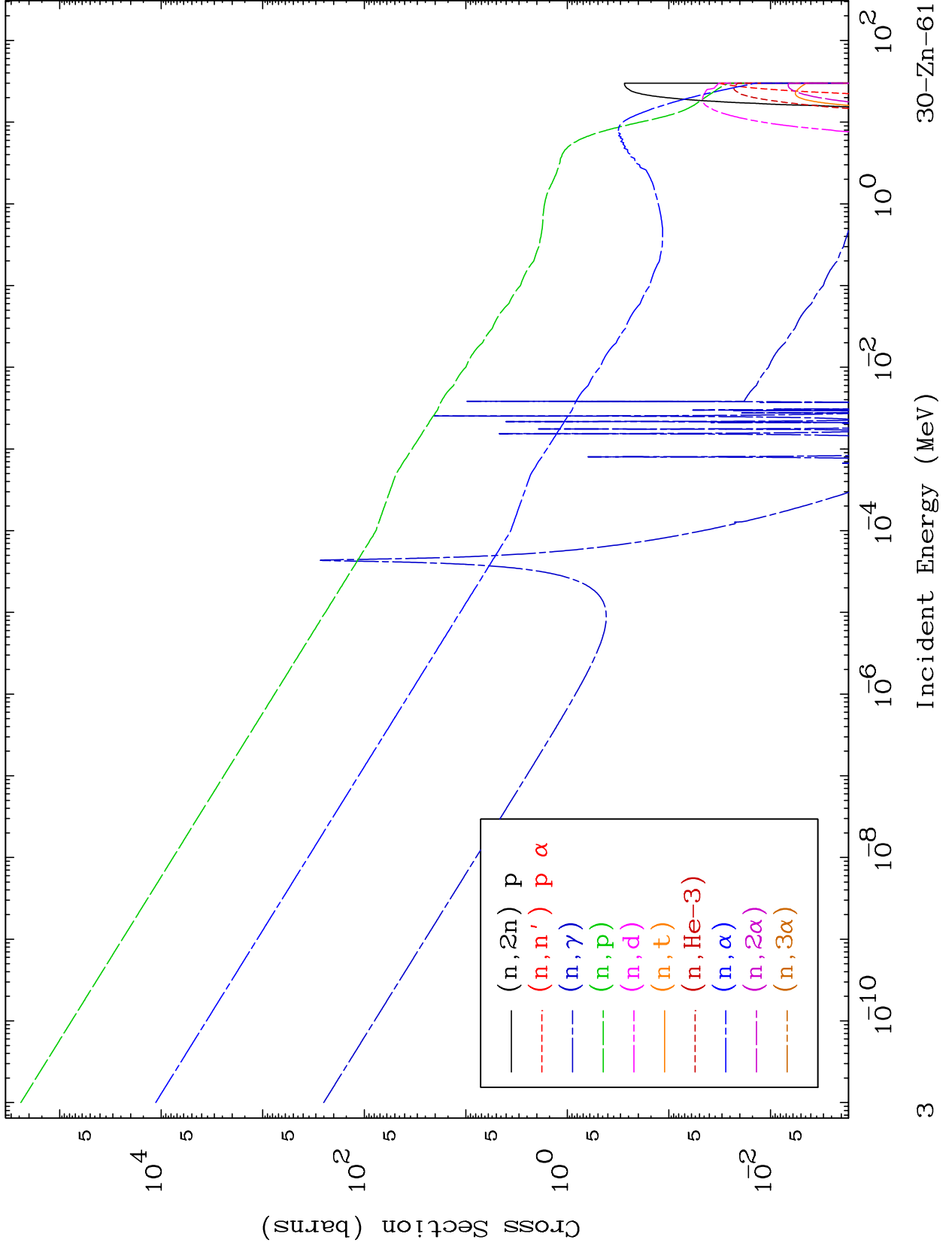




MAT 3016

Neutron Absorption
293 Kelvin Cross Sections

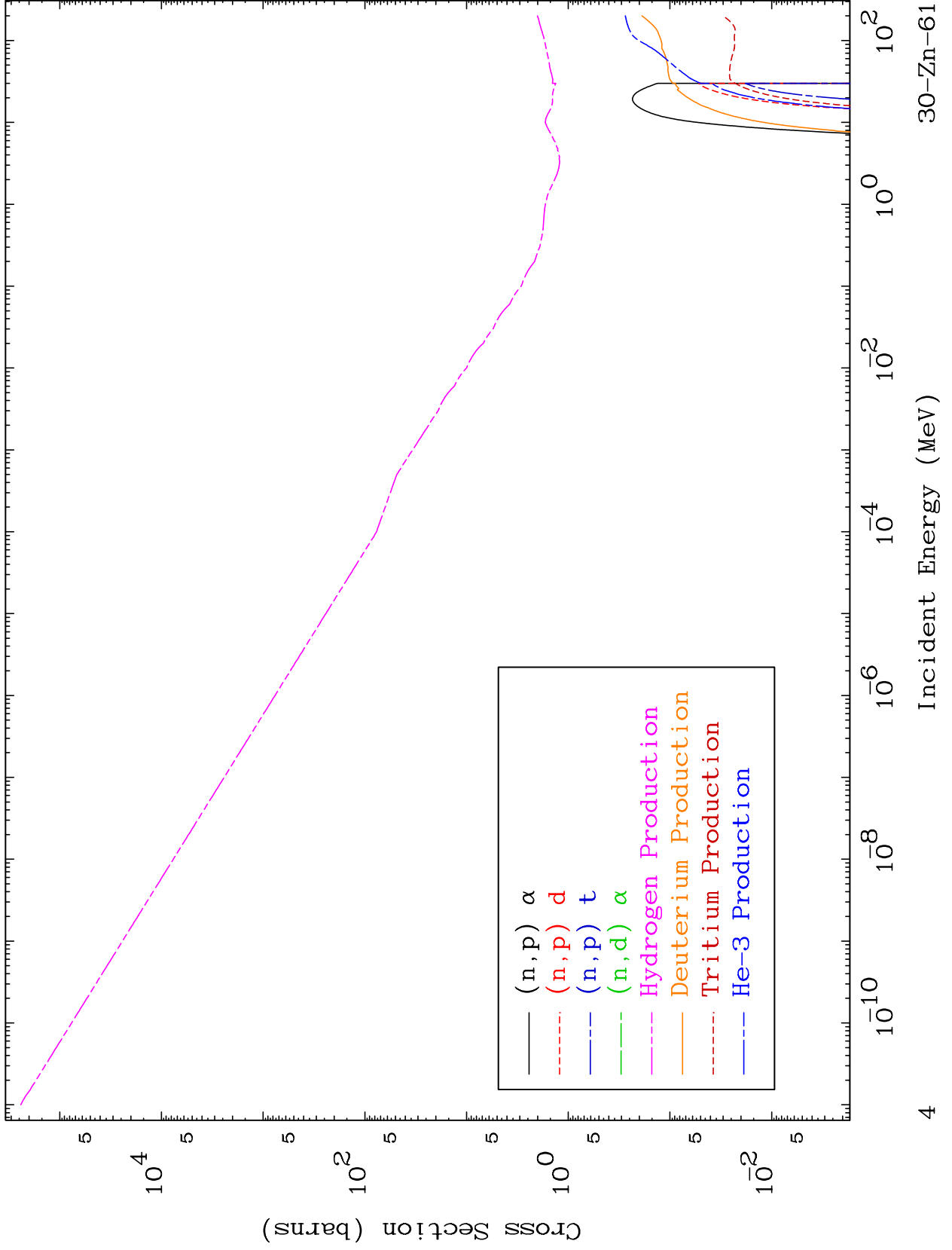
30-Zn-61



MAT 3016

Neutron Absorption
293 Kelvin Cross Sections

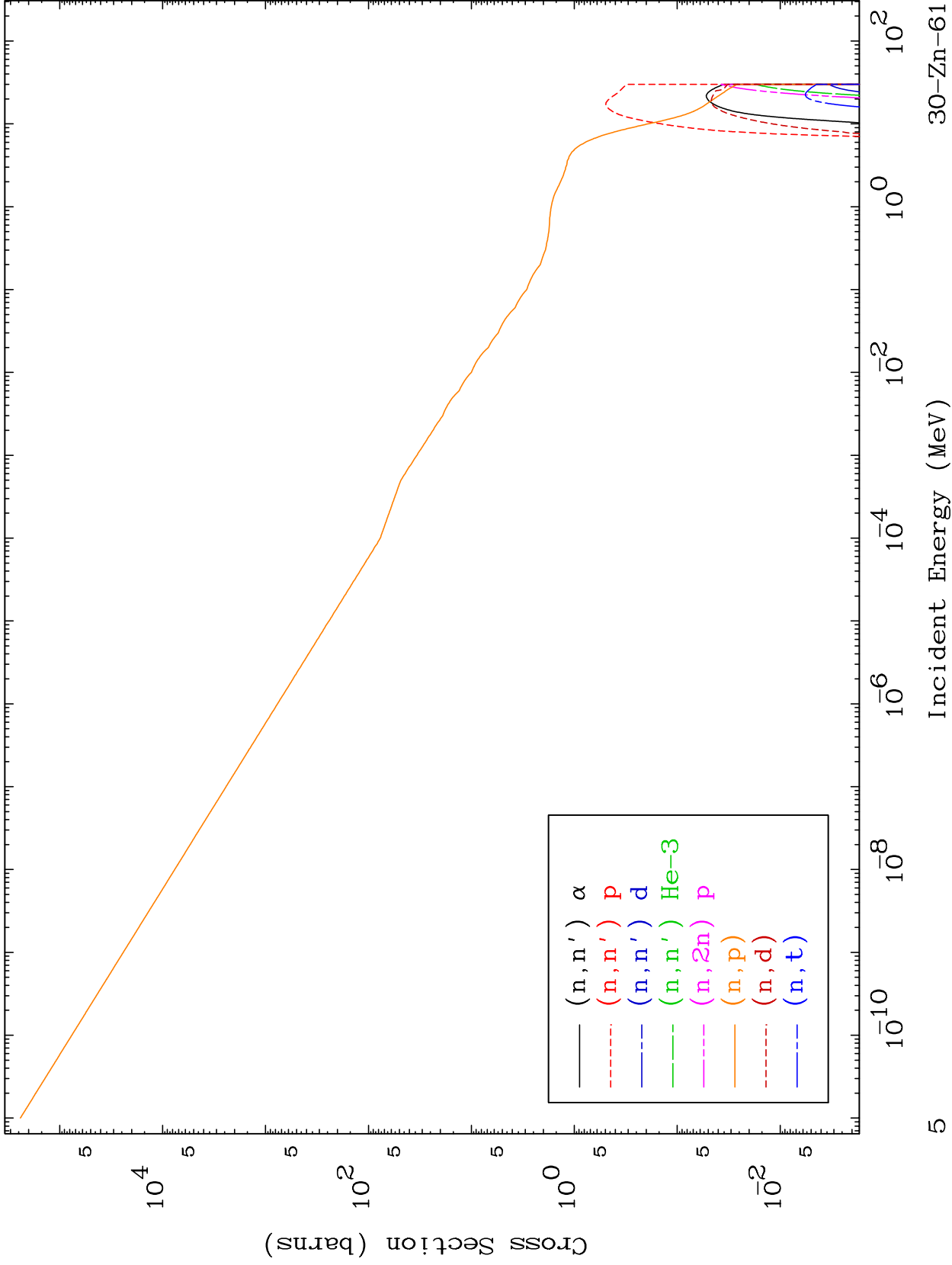
30-Zn-61



MAT 3016

Charged Particle
293 Kelvin Cross Sections

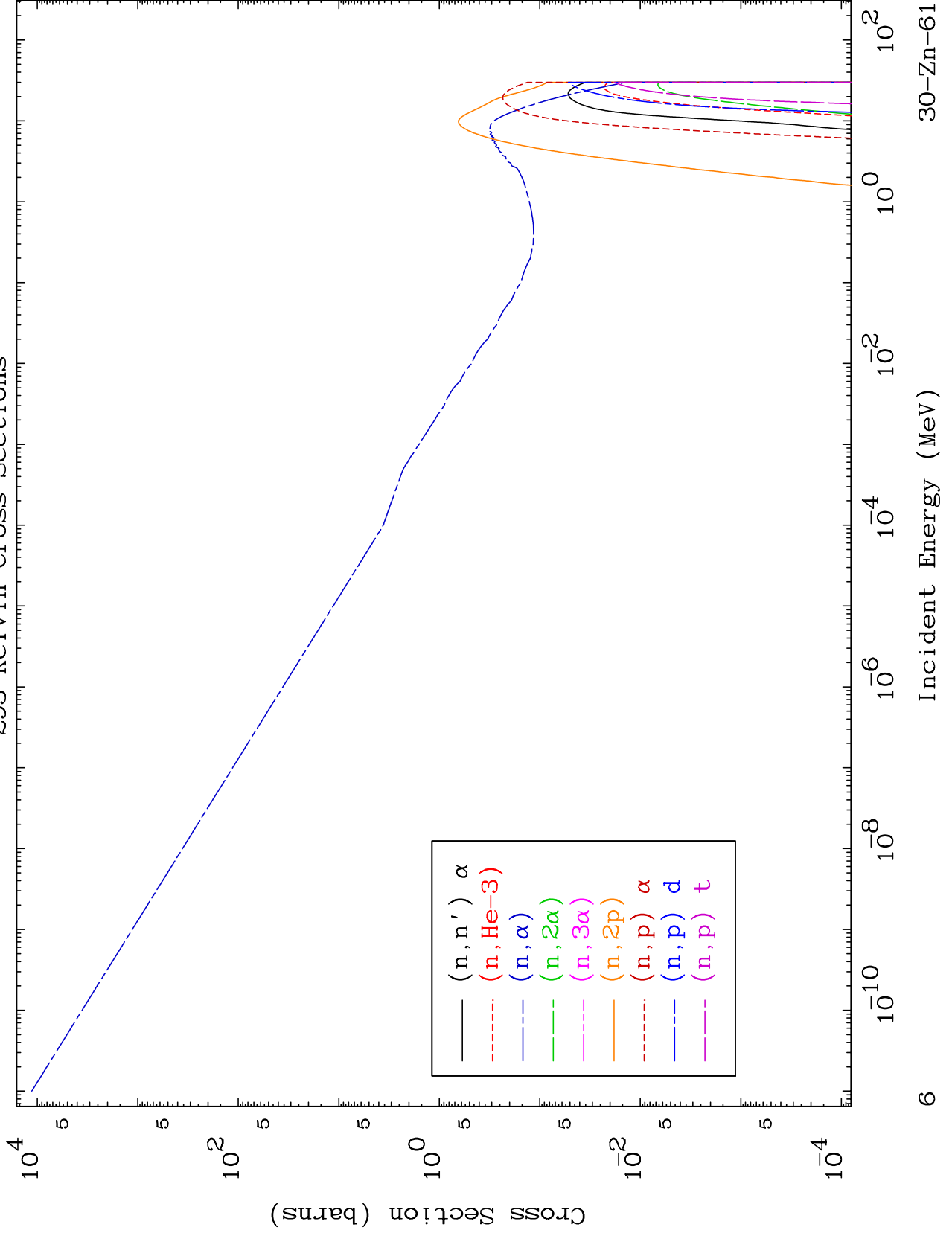
30-Zn-61

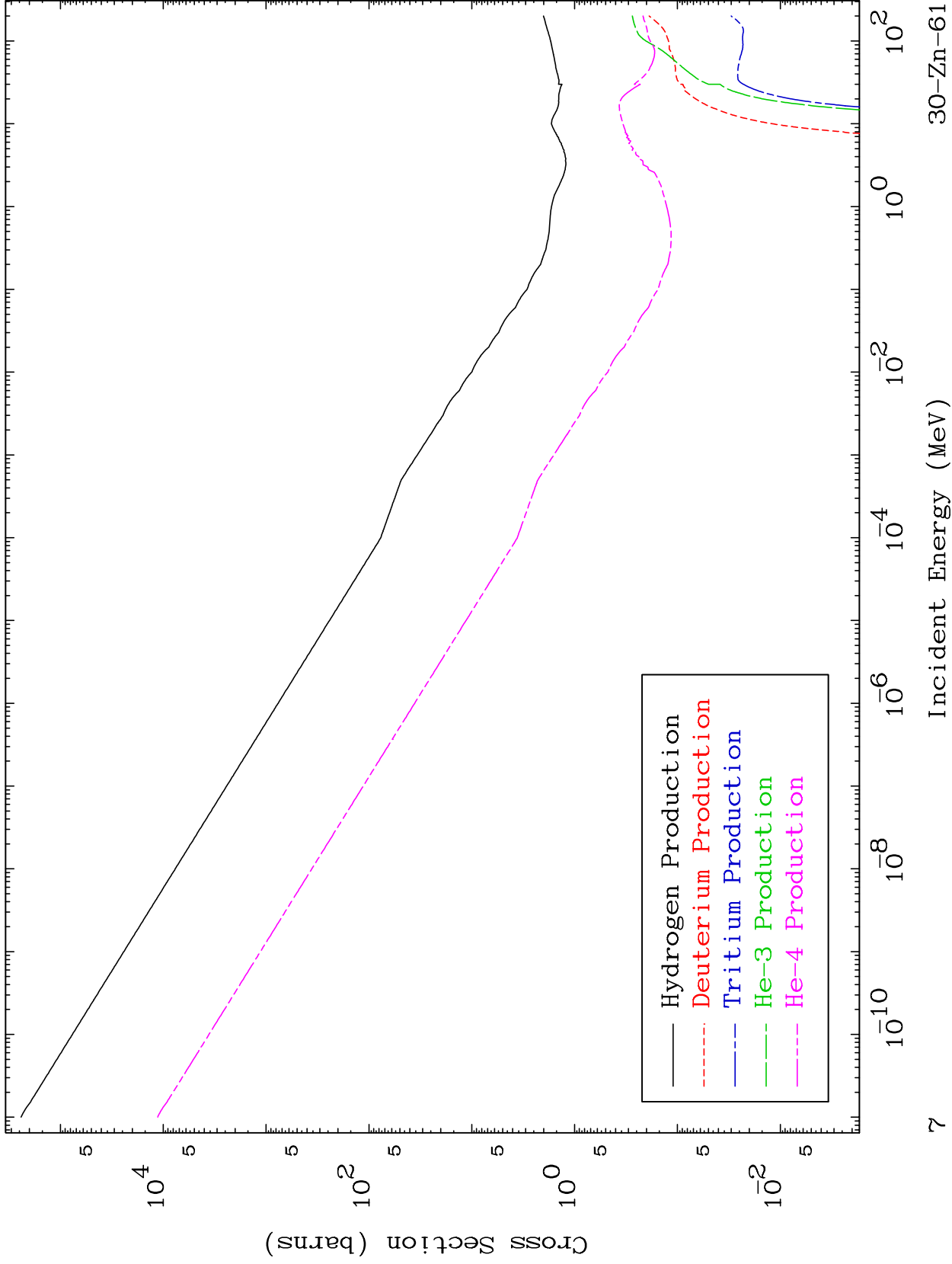


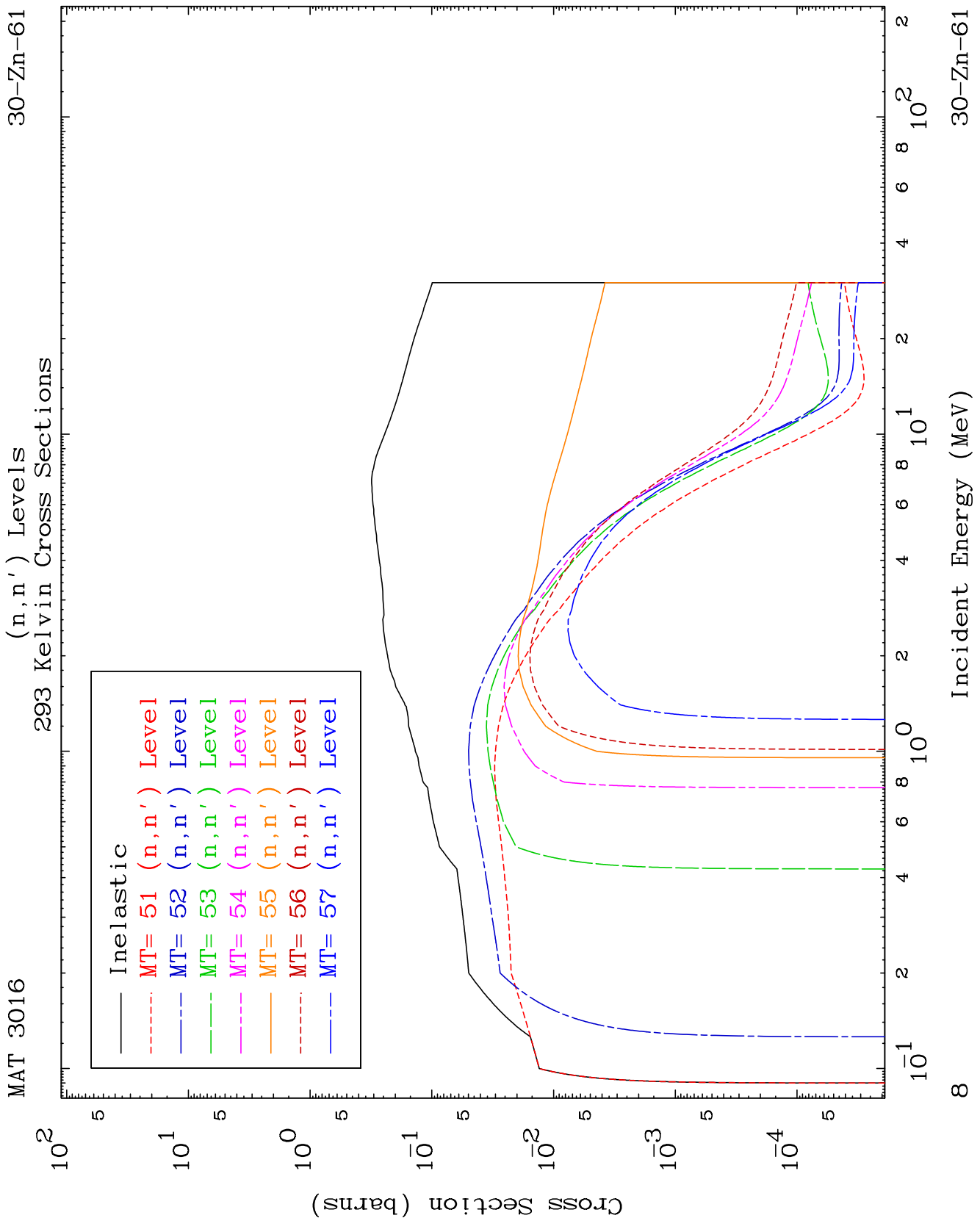
MAT 3016

Charged Particle
293 Kelvin Cross Sections

30-Zn-61



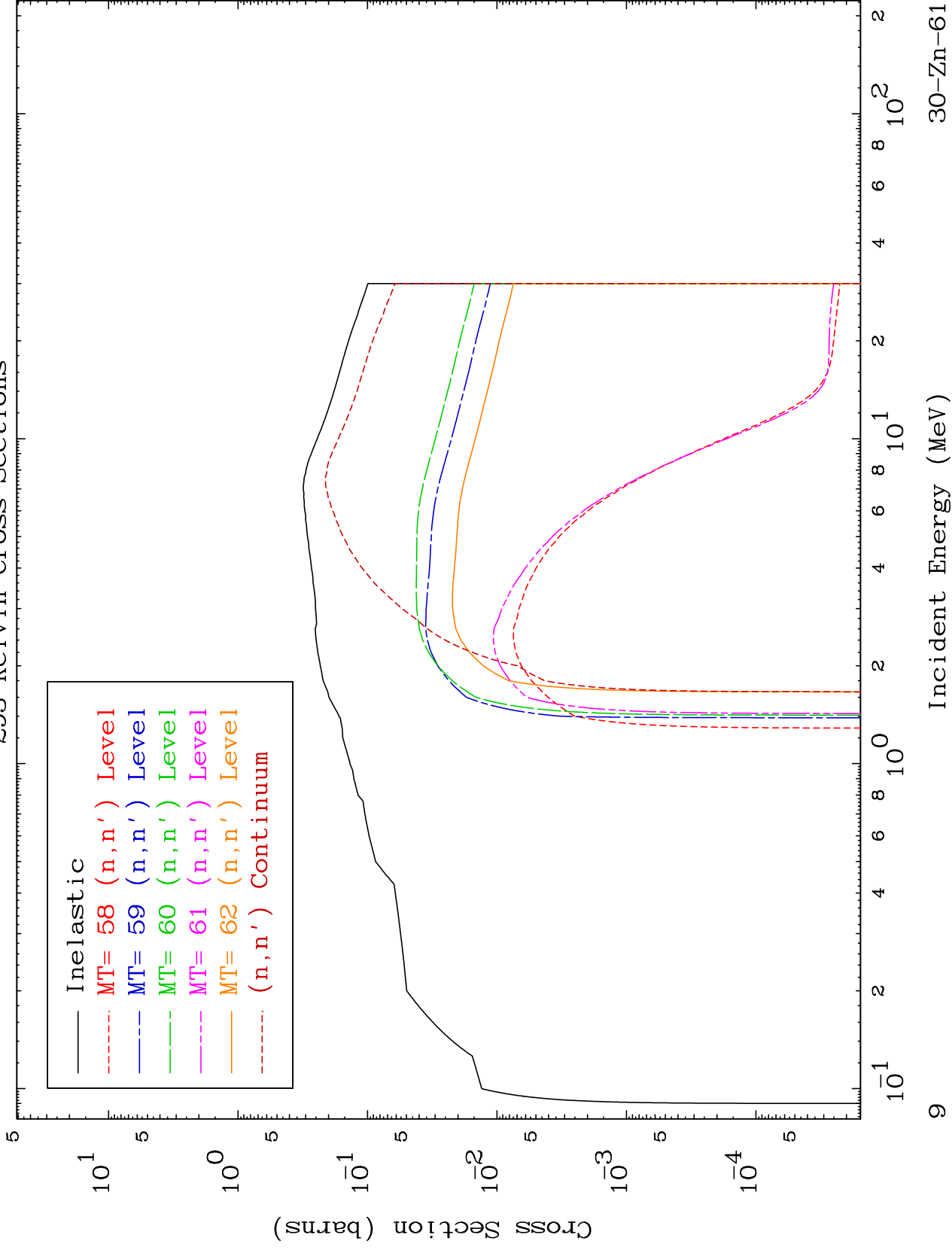




MAT 3016

(n,n') Levels
293 Kelvin Cross Sections

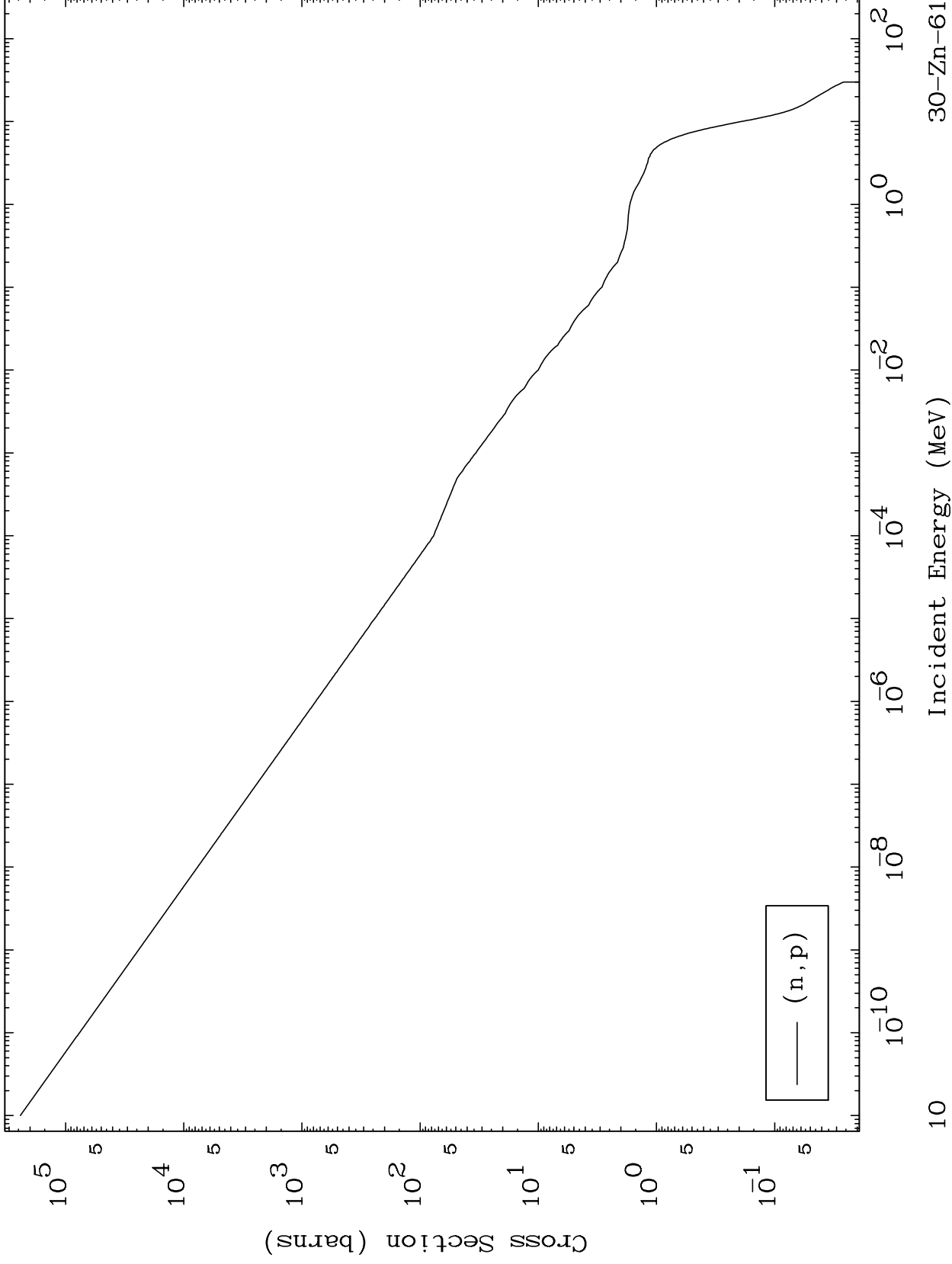
30-Zn-61



MAT 3016

(n,p) Levels
293 Kelvin Cross Sections

30-Zn-61



10

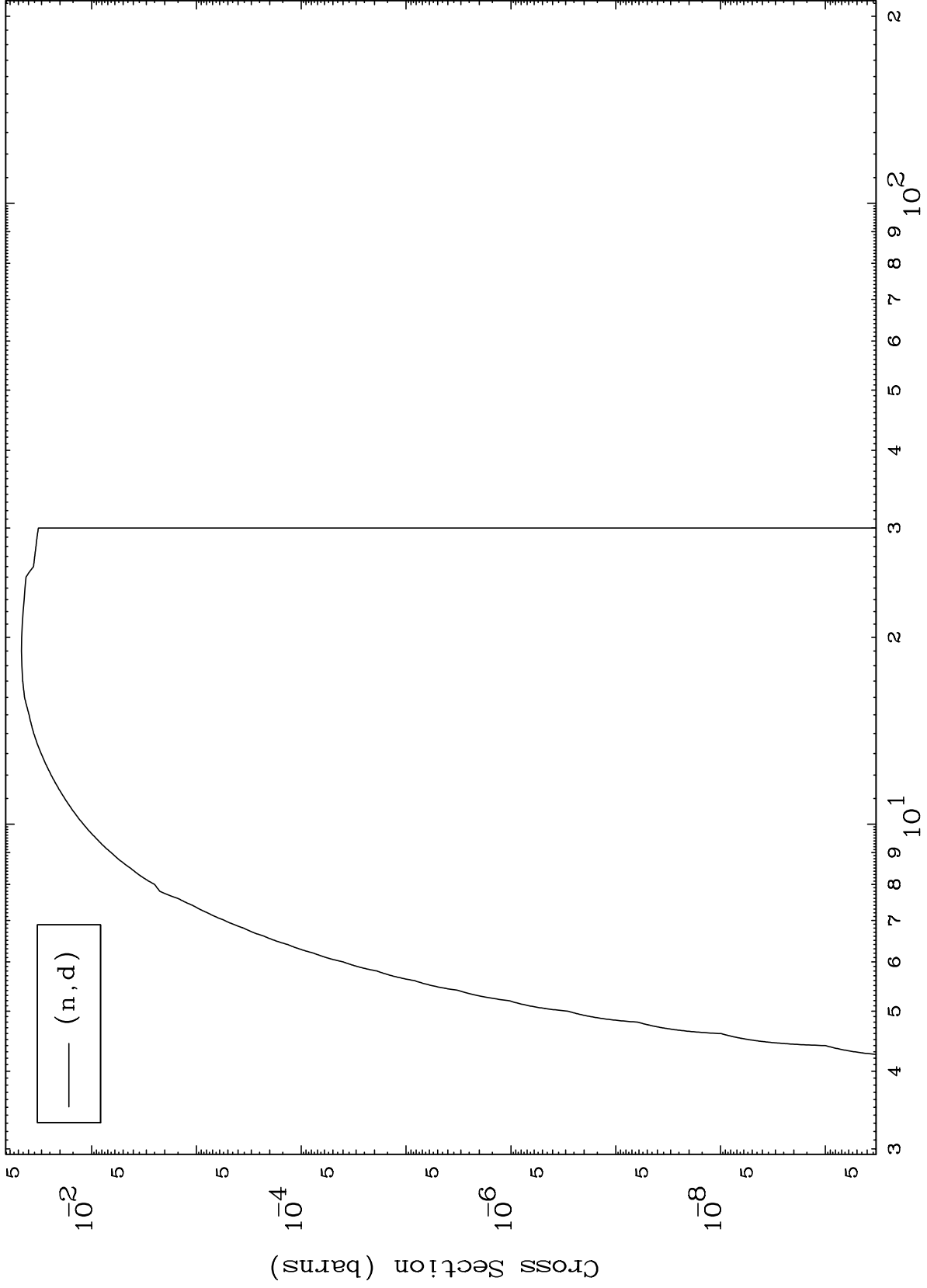
Incident Energy (MeV)

30-Zn-61

MAT 3016

(n,d) Levels
293 Kelvin Cross Sections

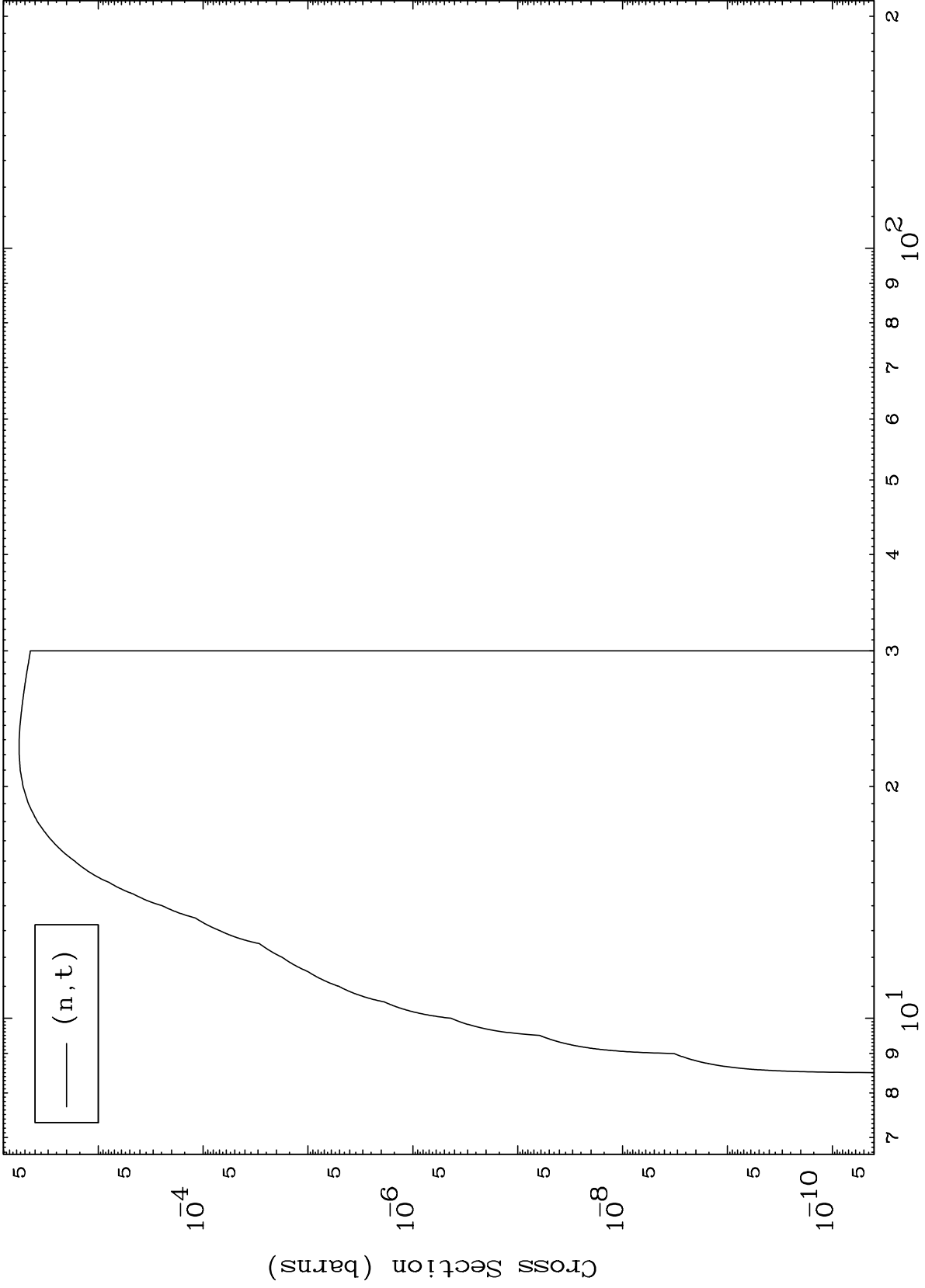
30-Zn-61



MAT 3016

(n,t) Levels
293 Kelvin Cross Sections

30-Zn-61



12

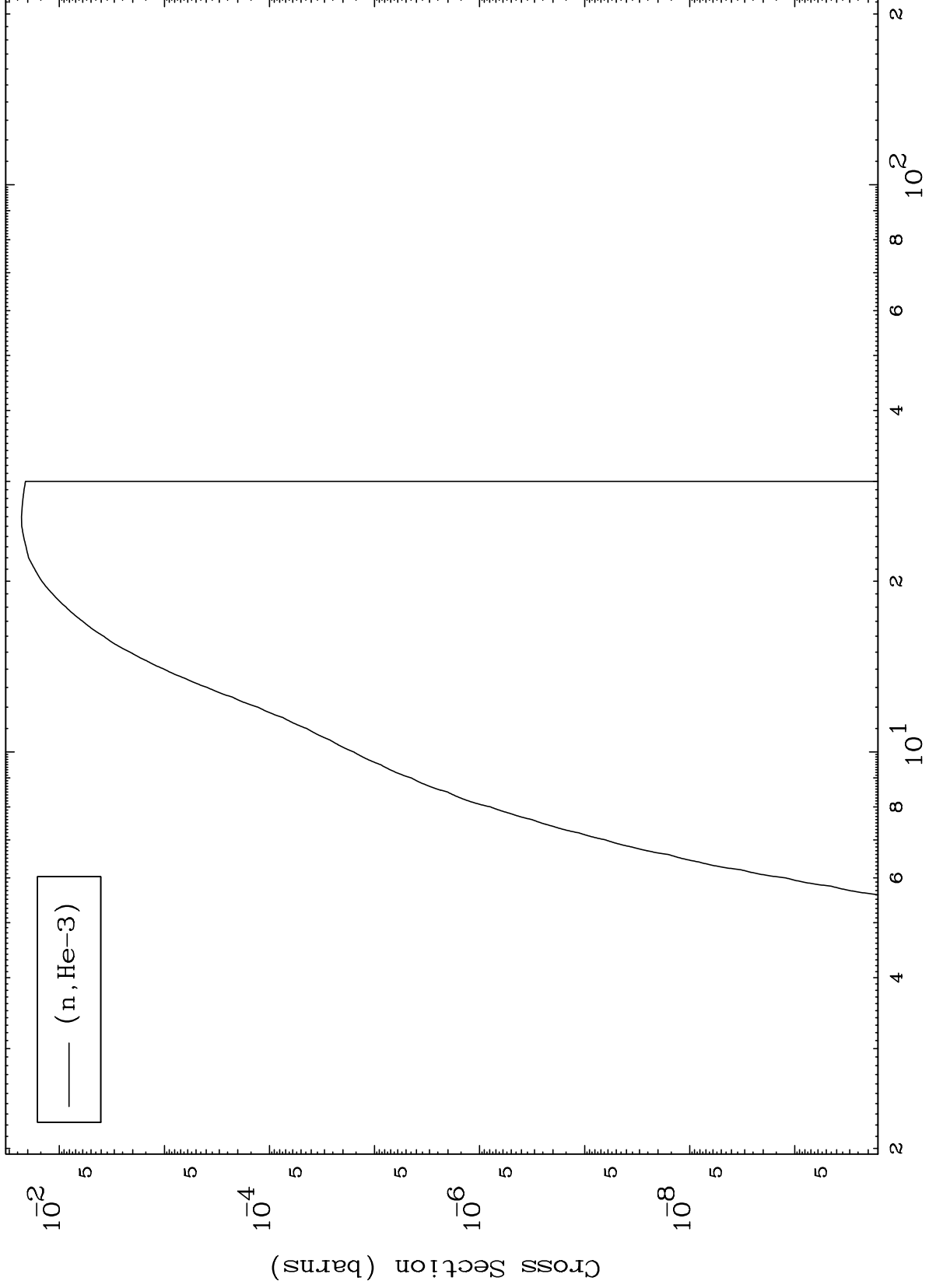
Incident Energy (MeV)

30-Zn-61

MAT 3016

(n,He3) Levels
293 Kelvin Cross Sections

30-Zn-61



13

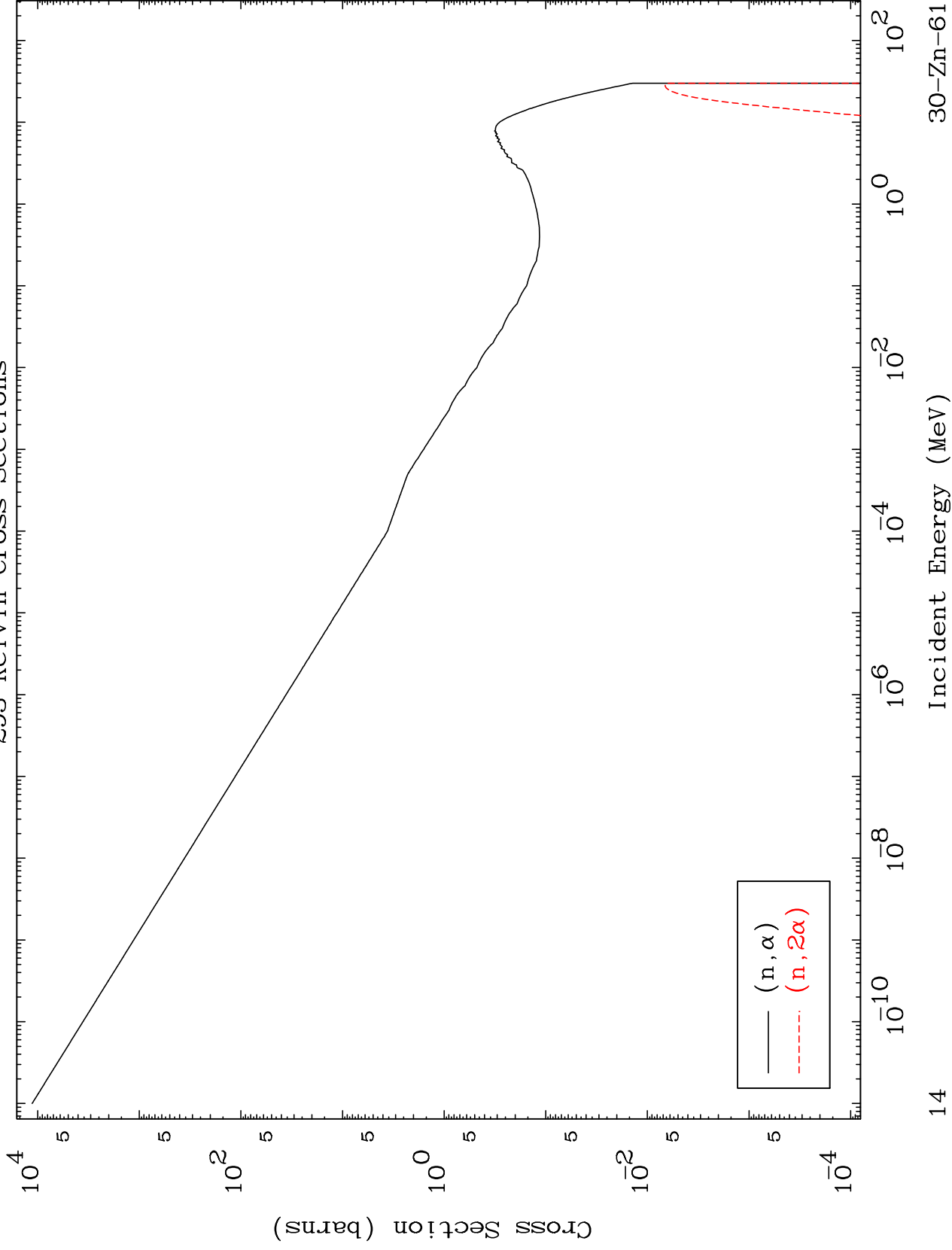
Incident Energy (MeV)

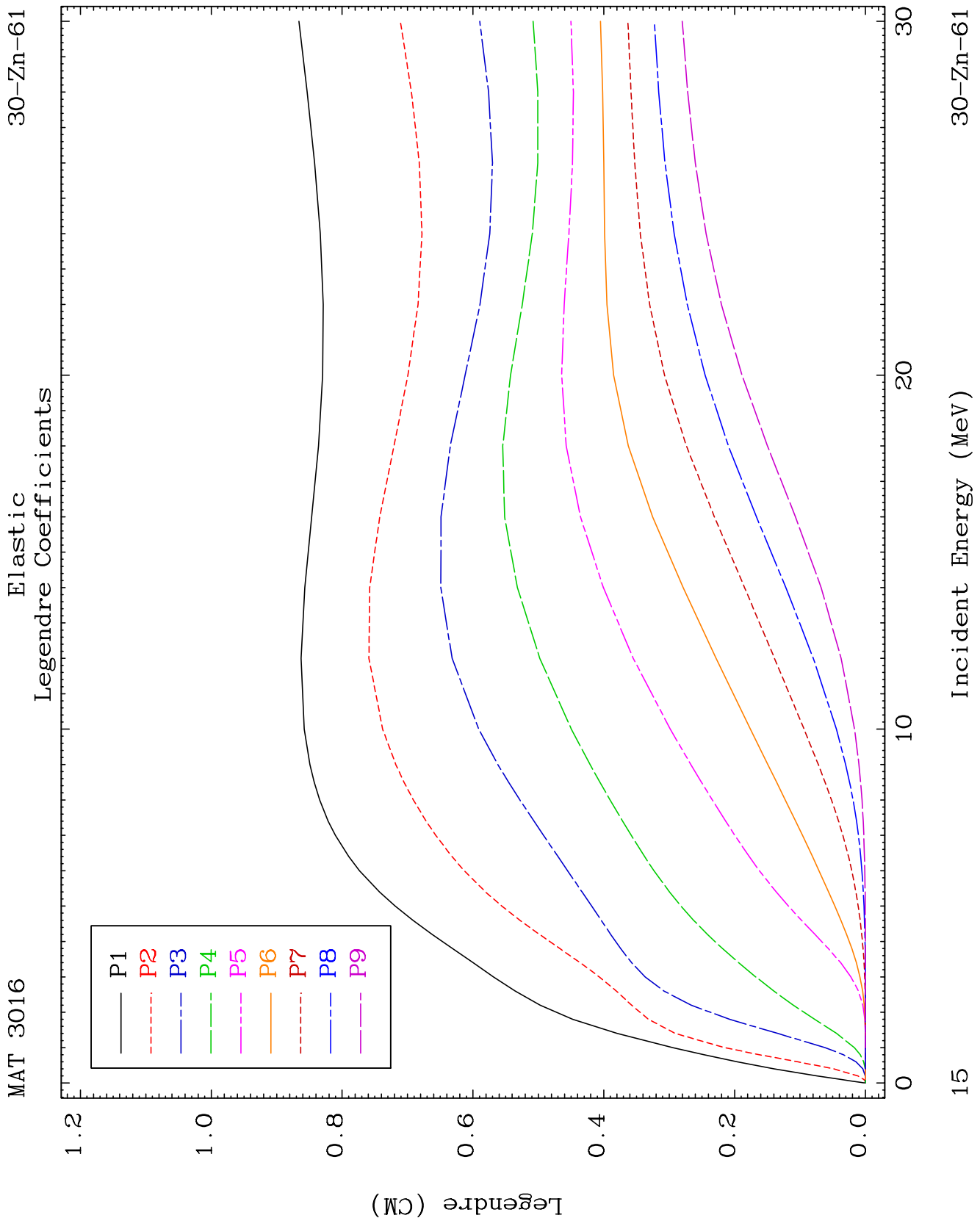
30-Zn-61

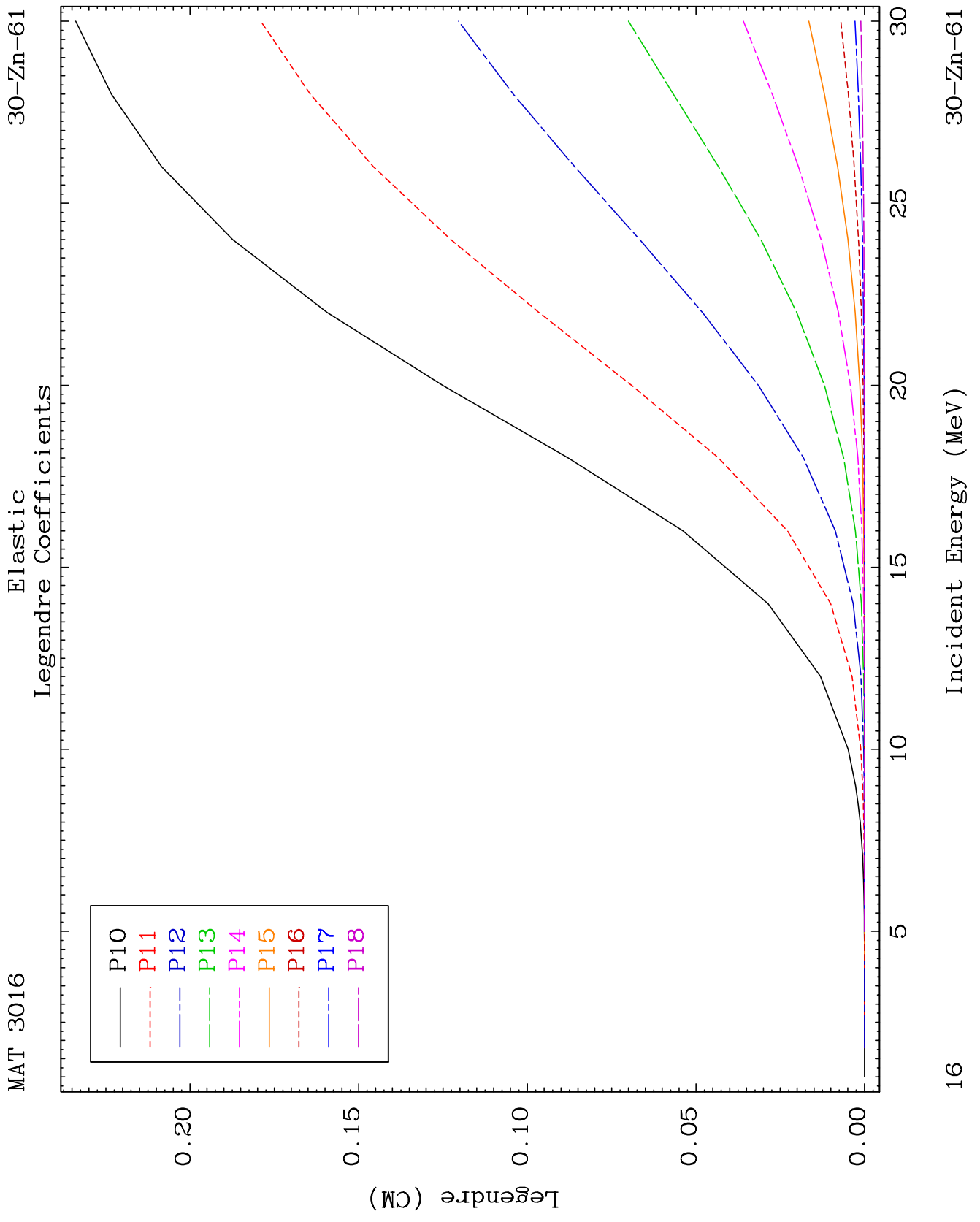
MAT 3016

(n,α) Levels
293 Kelvin Cross Sections

30-Zn-61



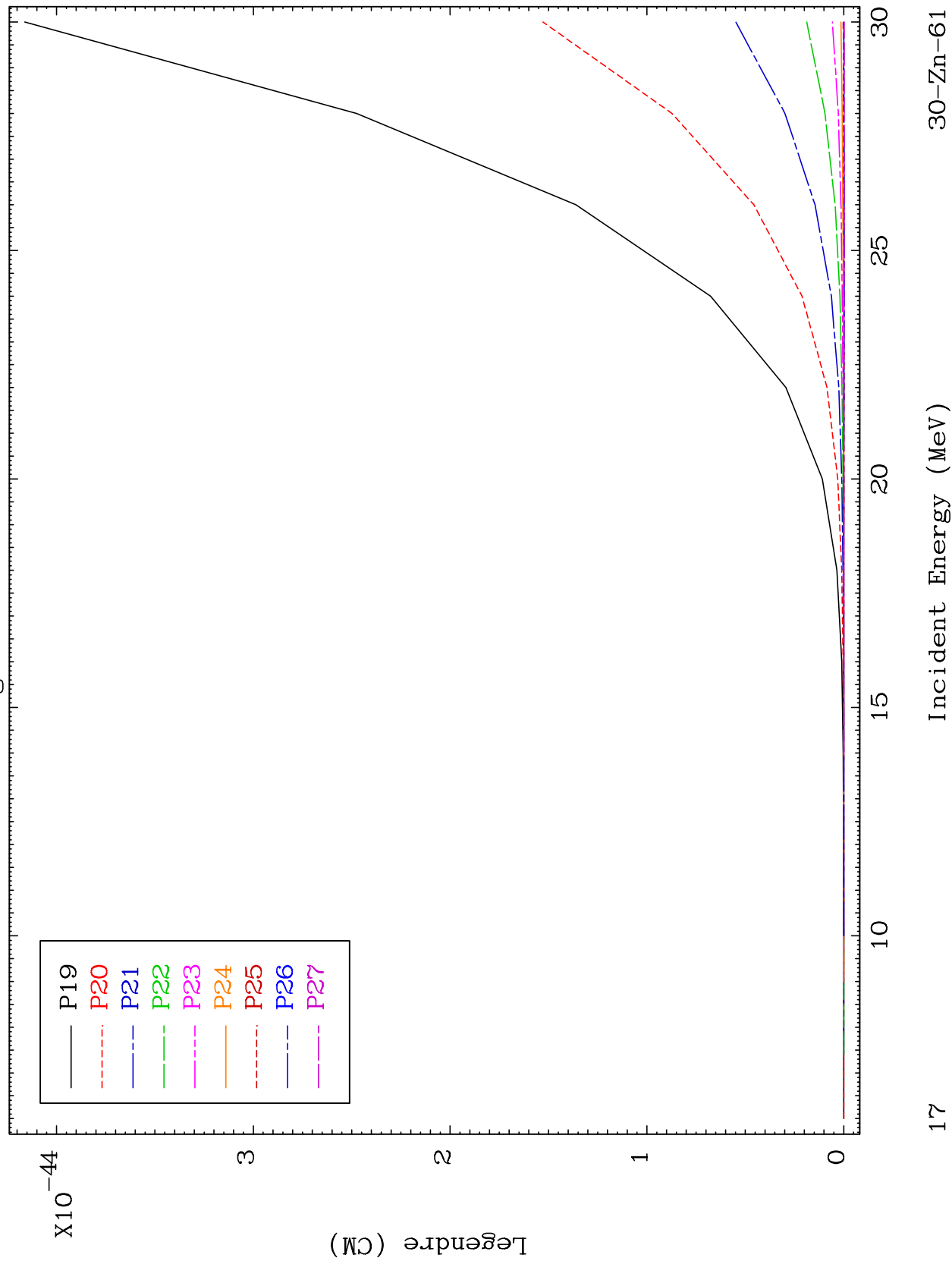




MAT 3016

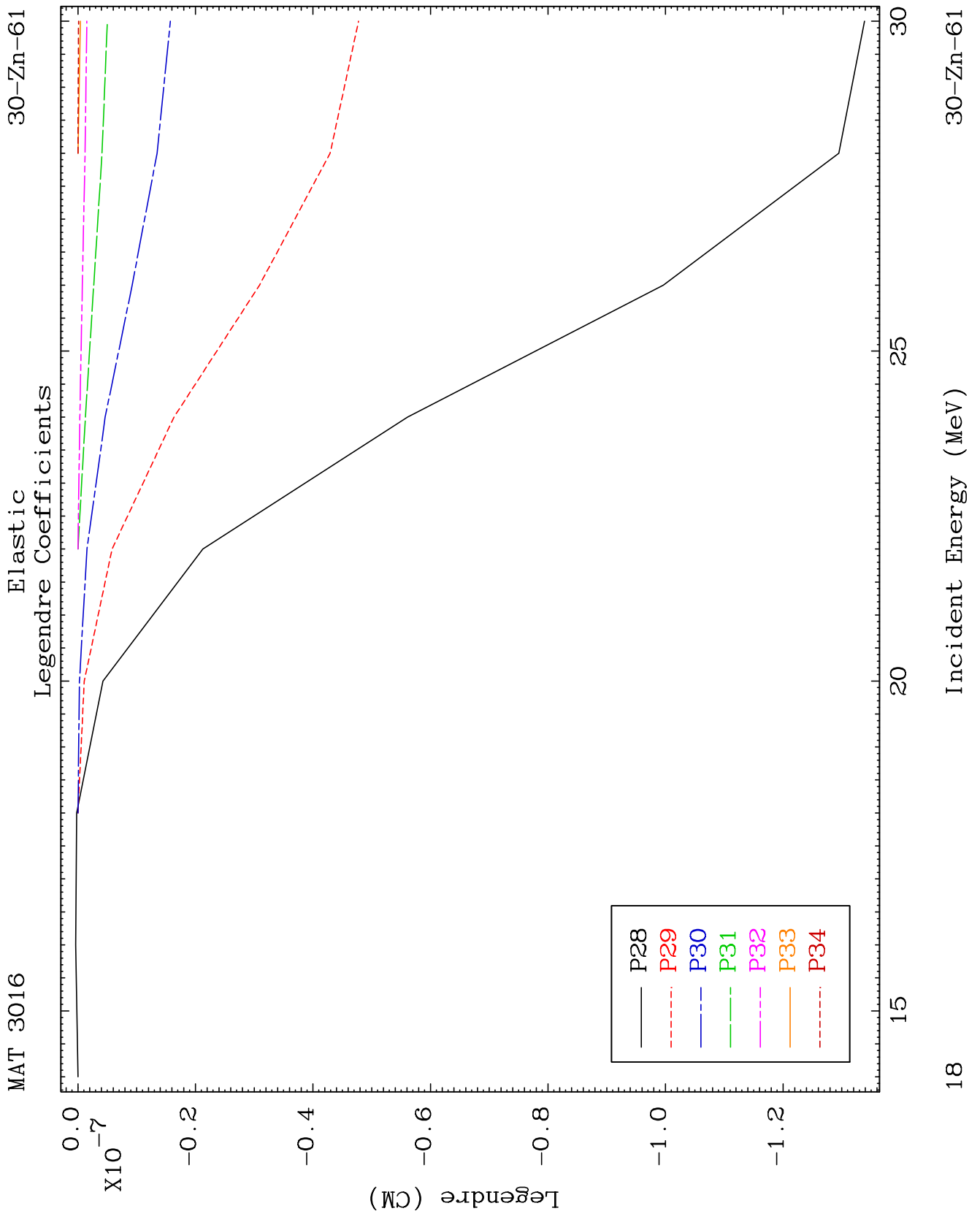
Elastic
Legendre Coefficients

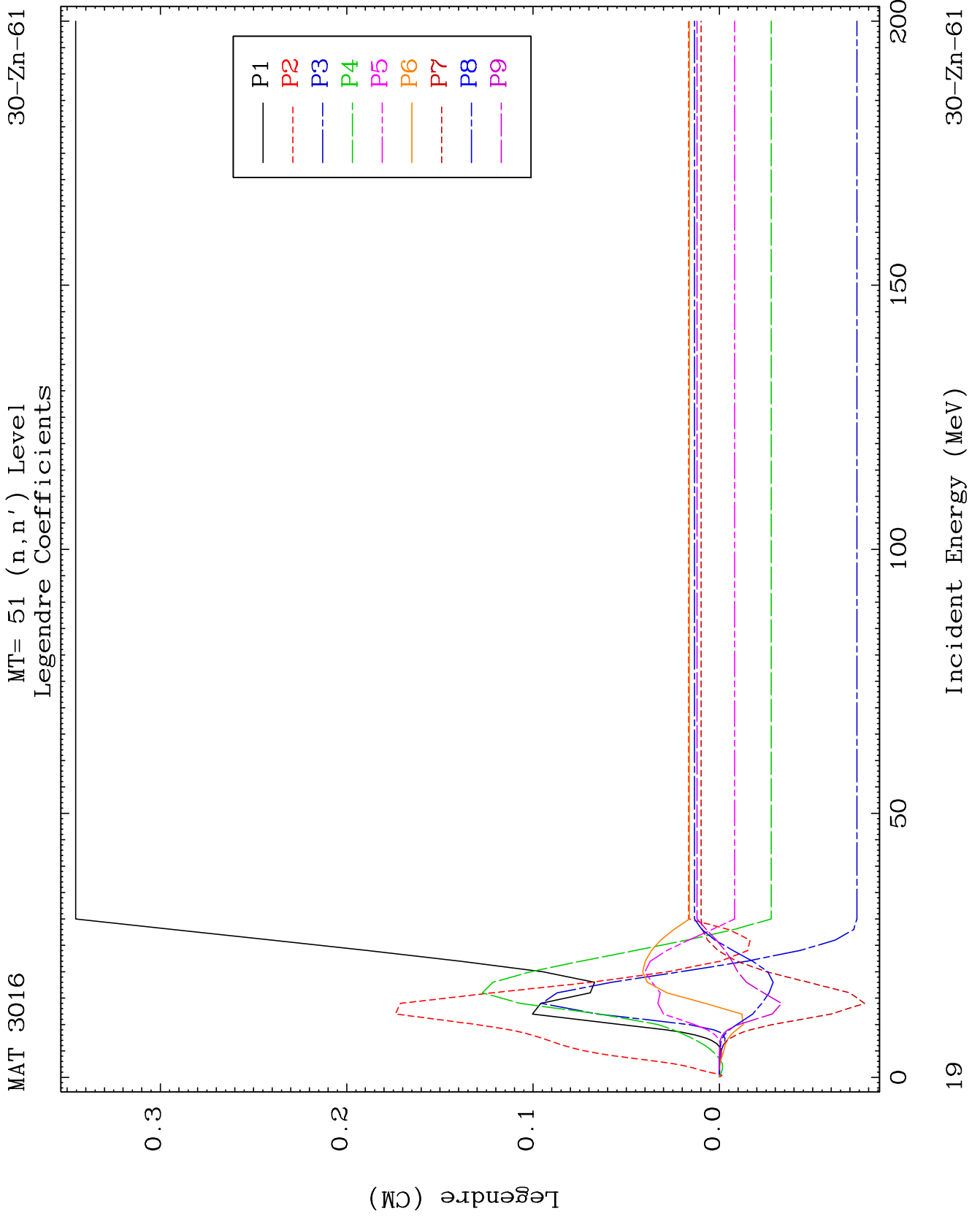
30-Zn-61

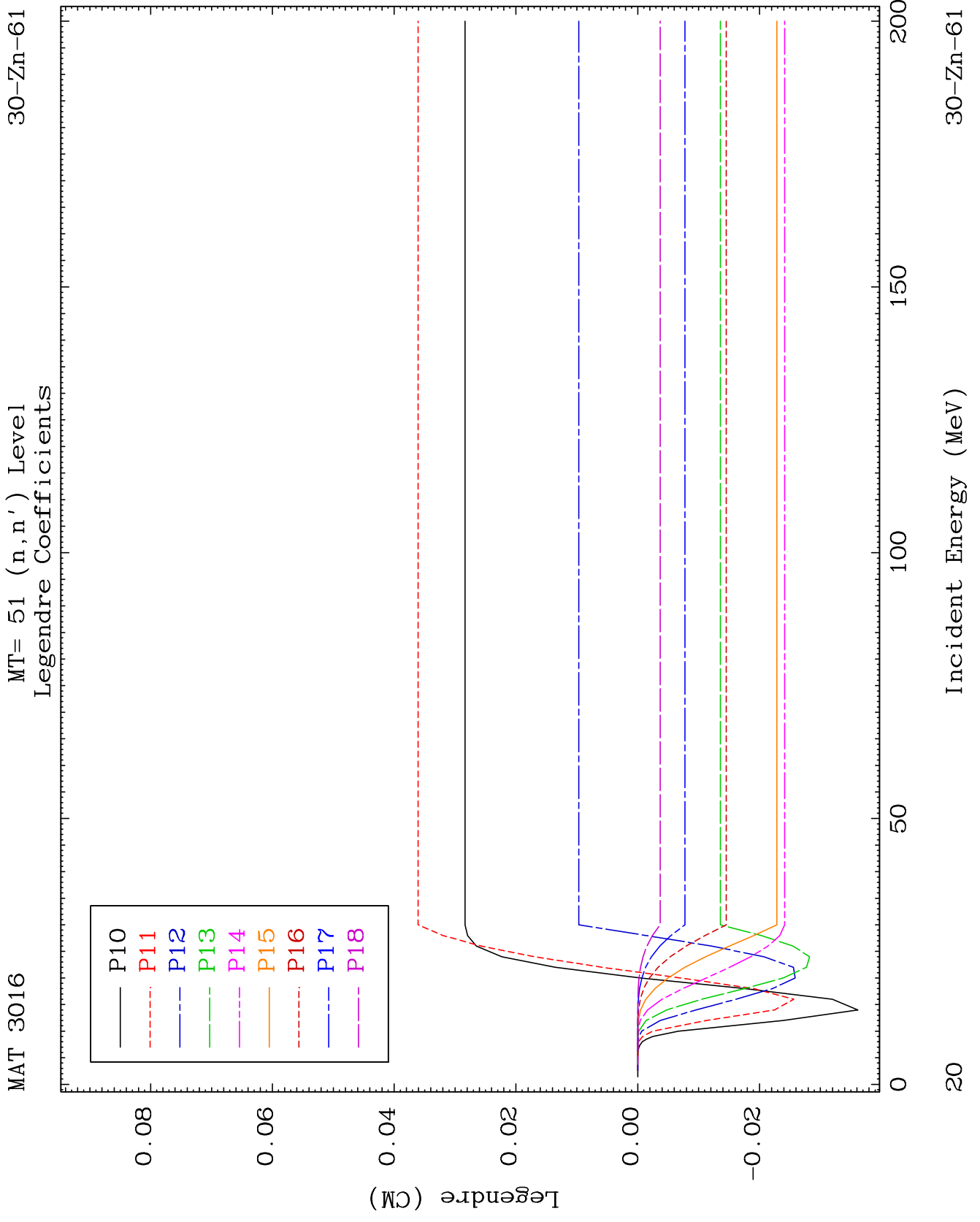


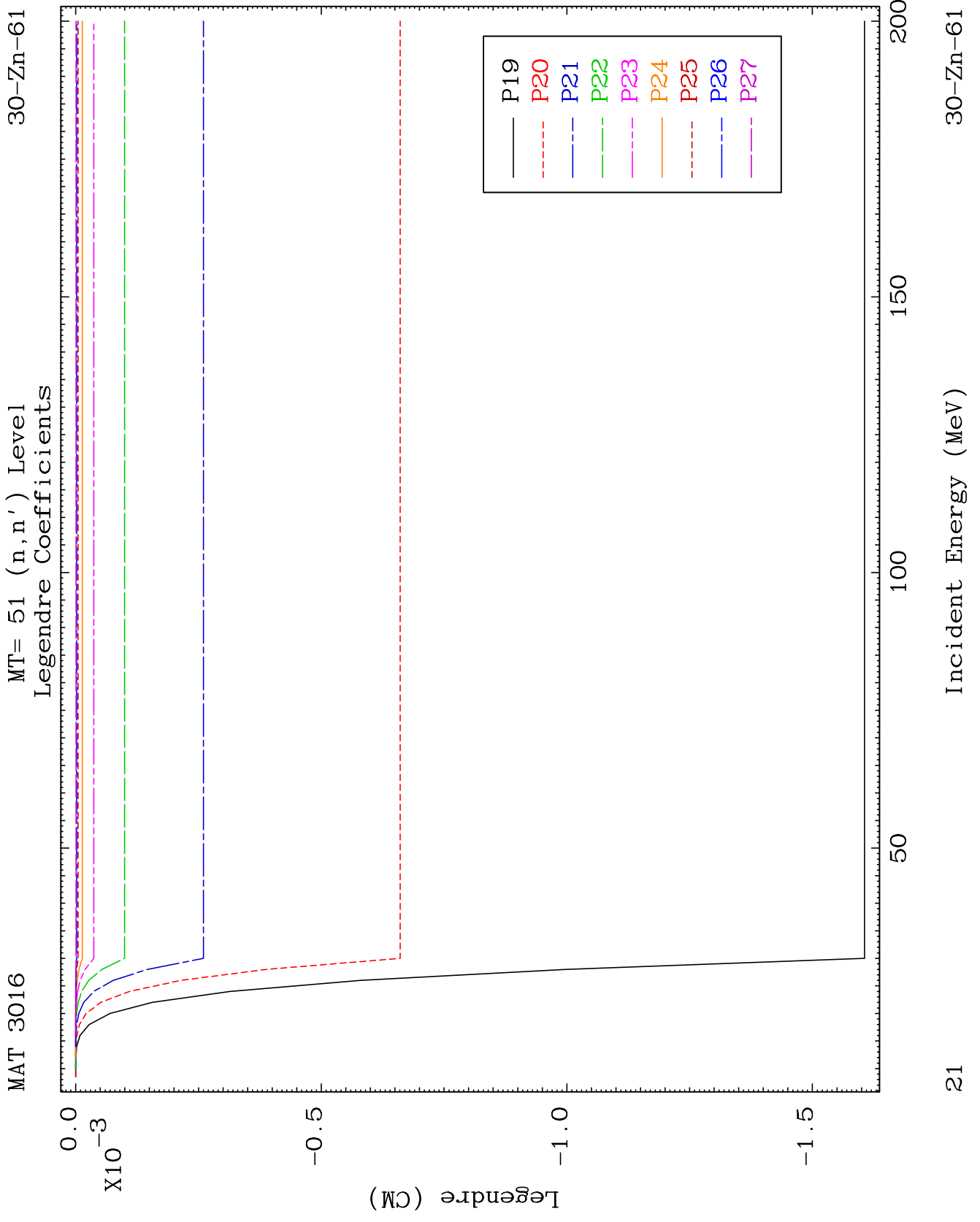
17

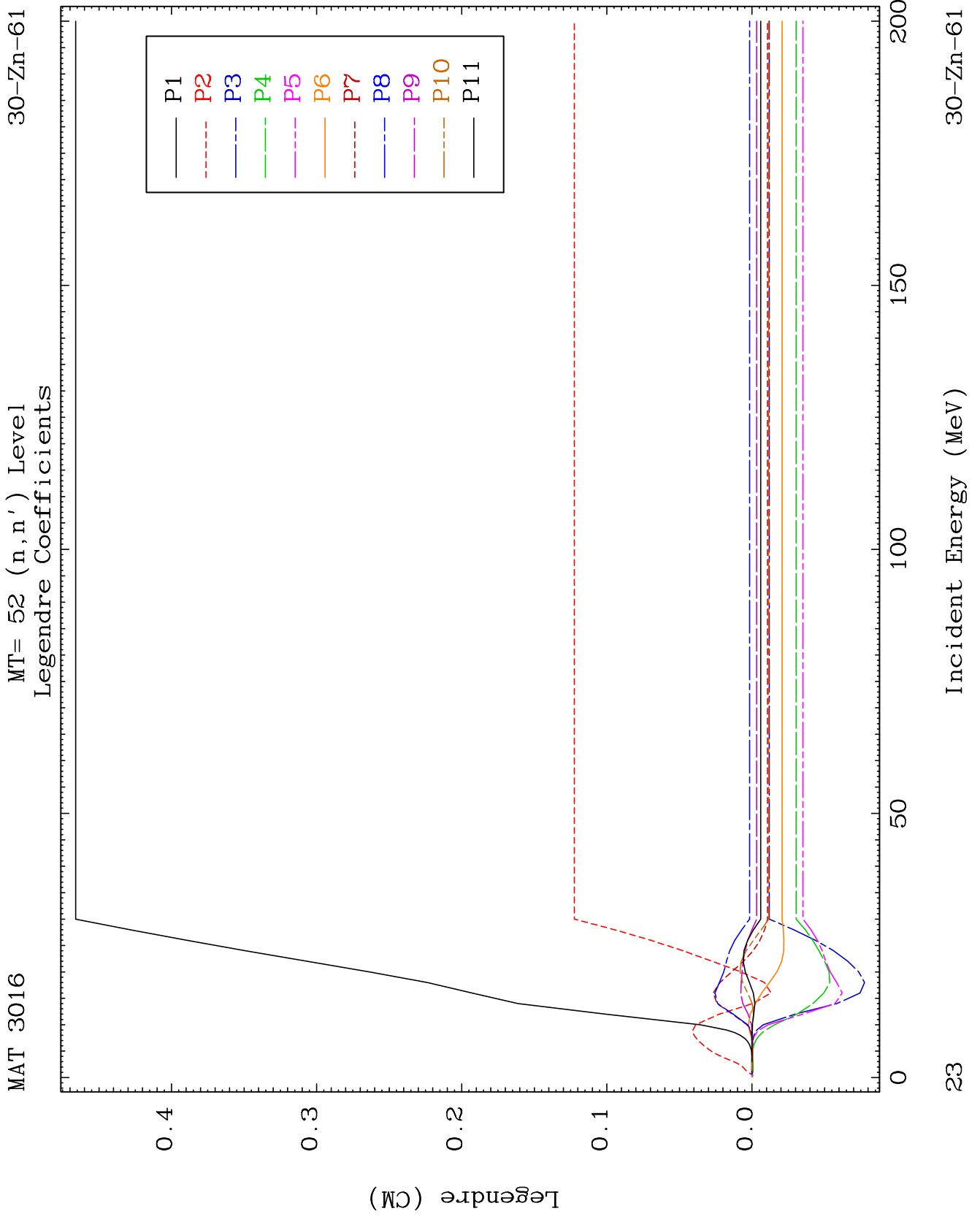
30-Zn-61







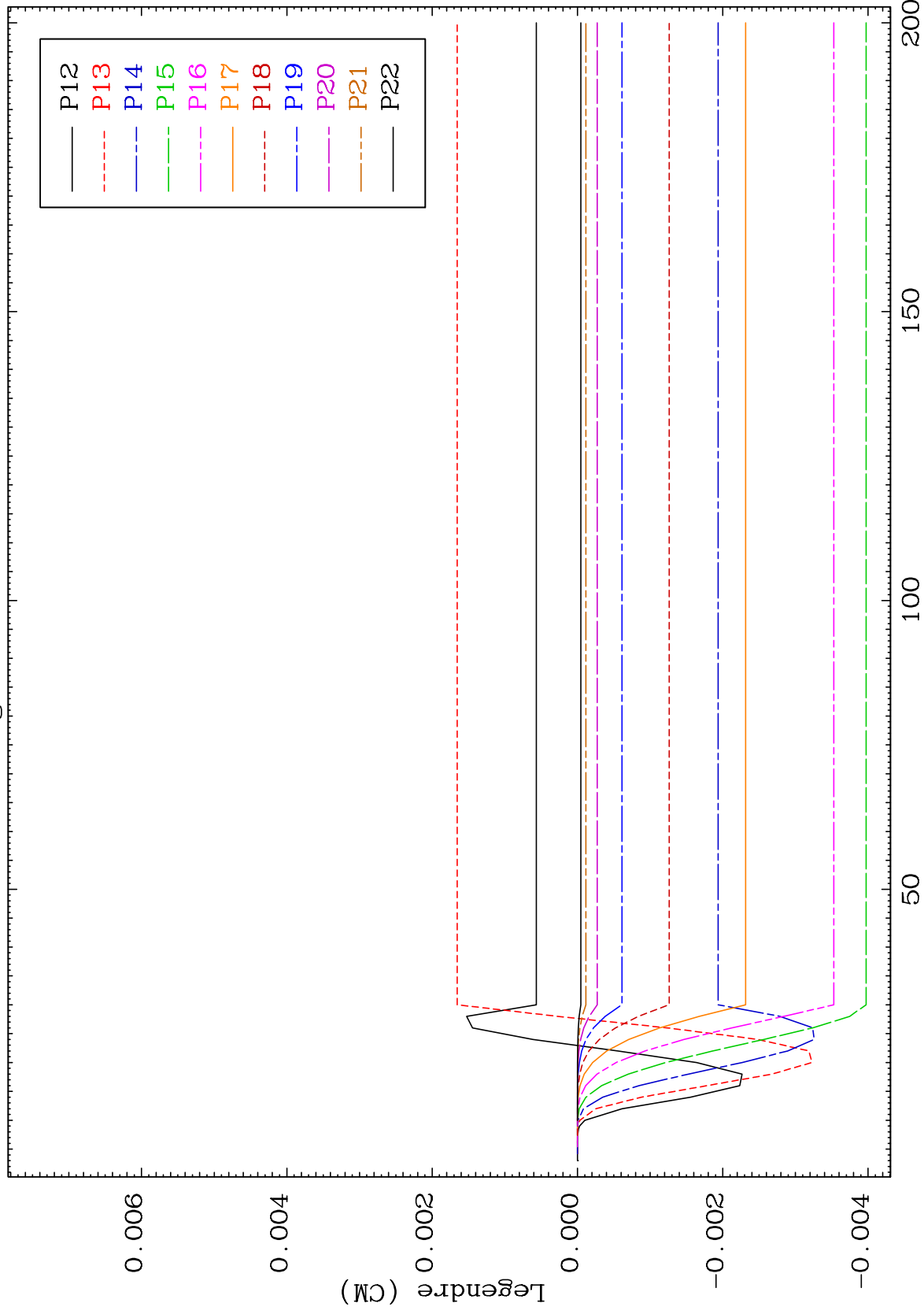




MAT 3016

MT= 52 (n,n') Level
Legendre Coefficients

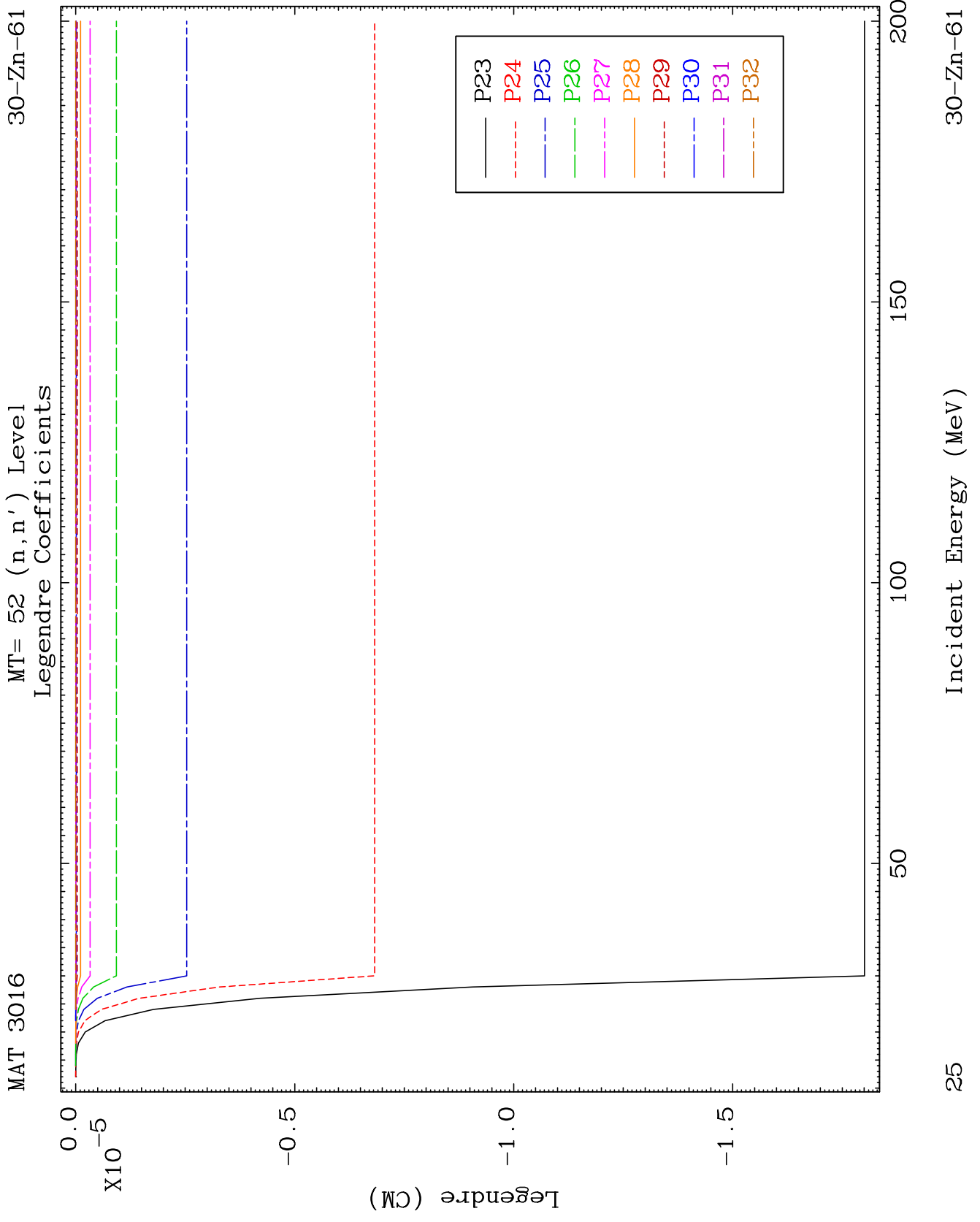
30-Zn-61

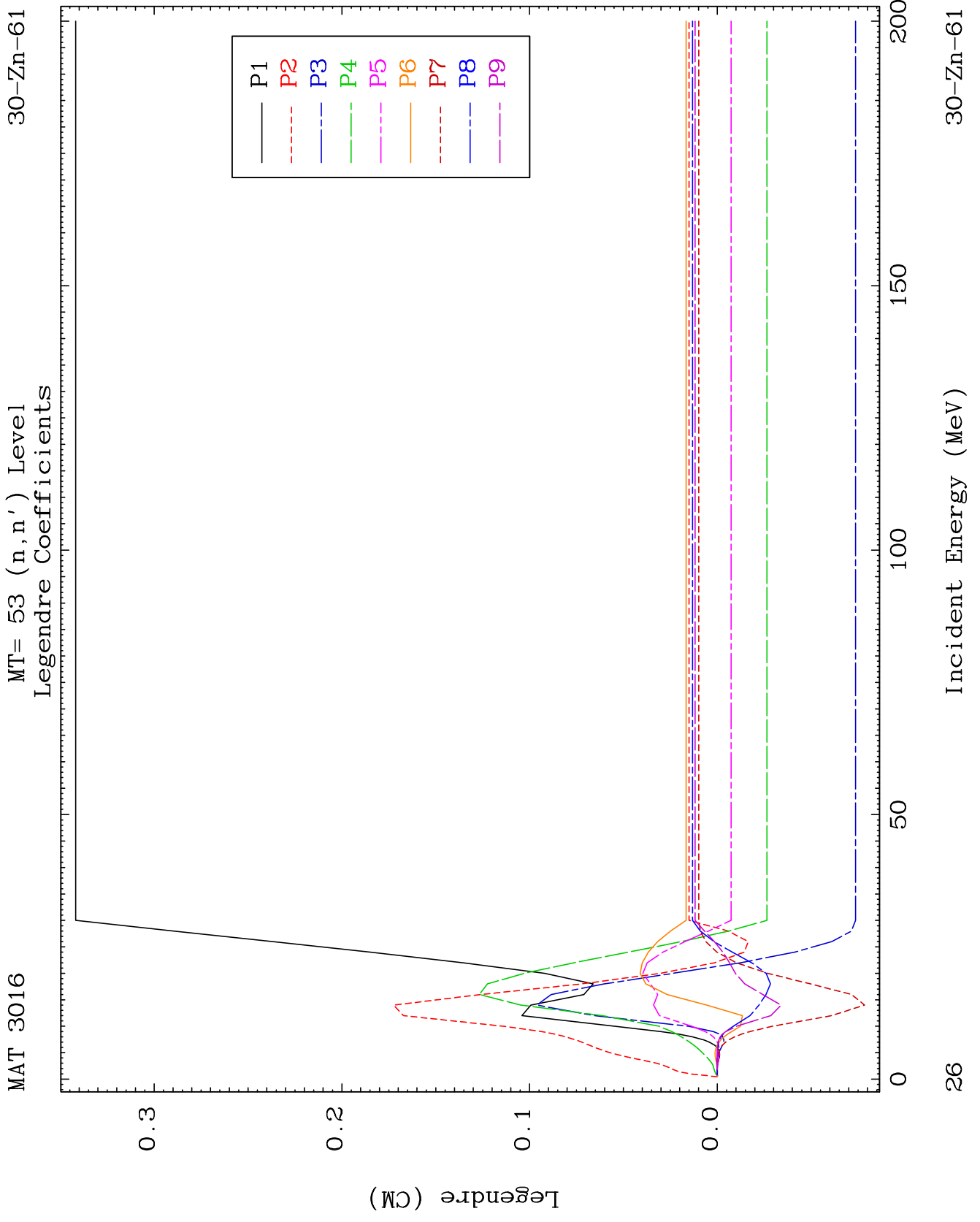


24

Incident Energy (MeV)

30-Zn-61

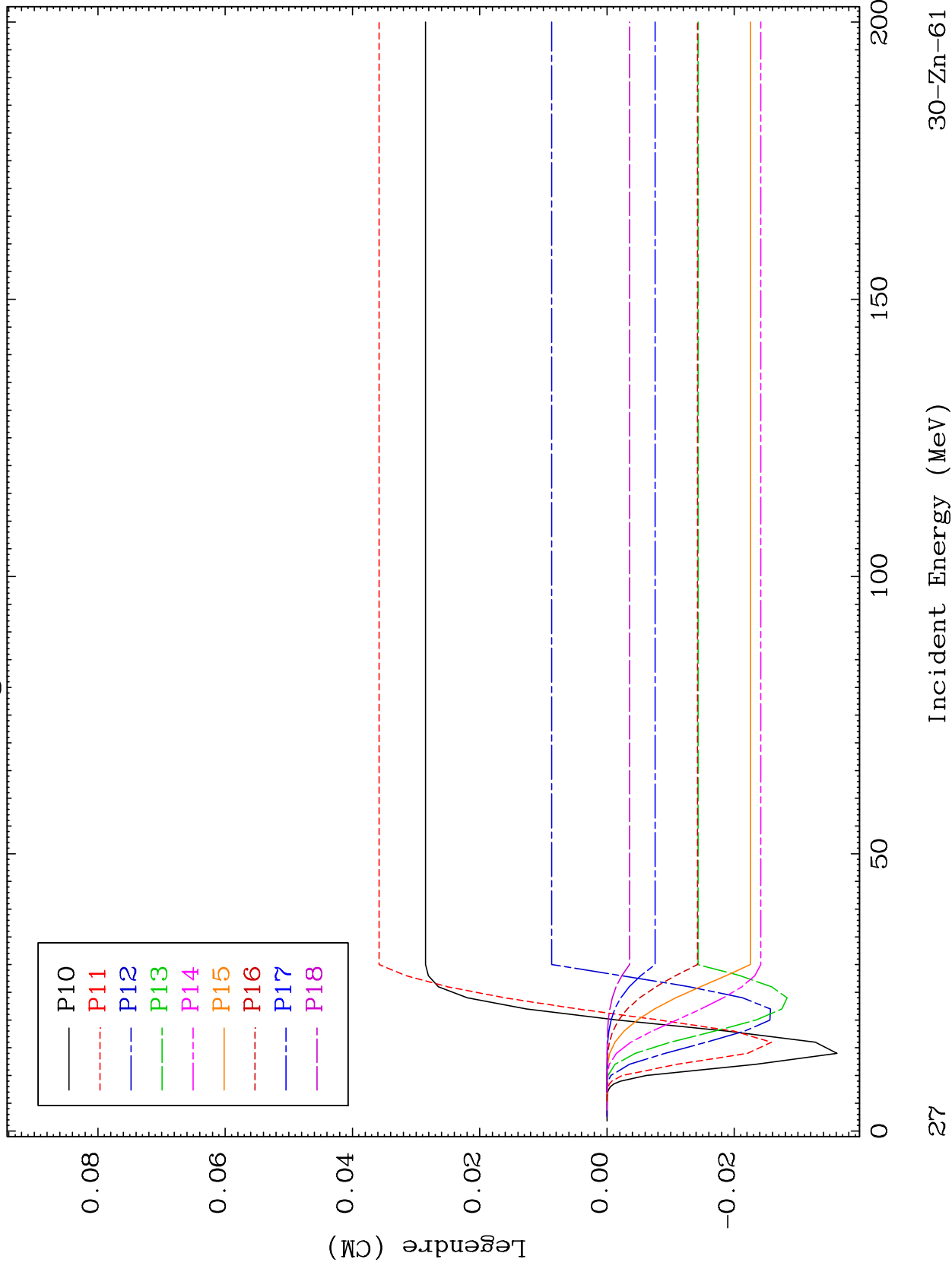




MAT 3016

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

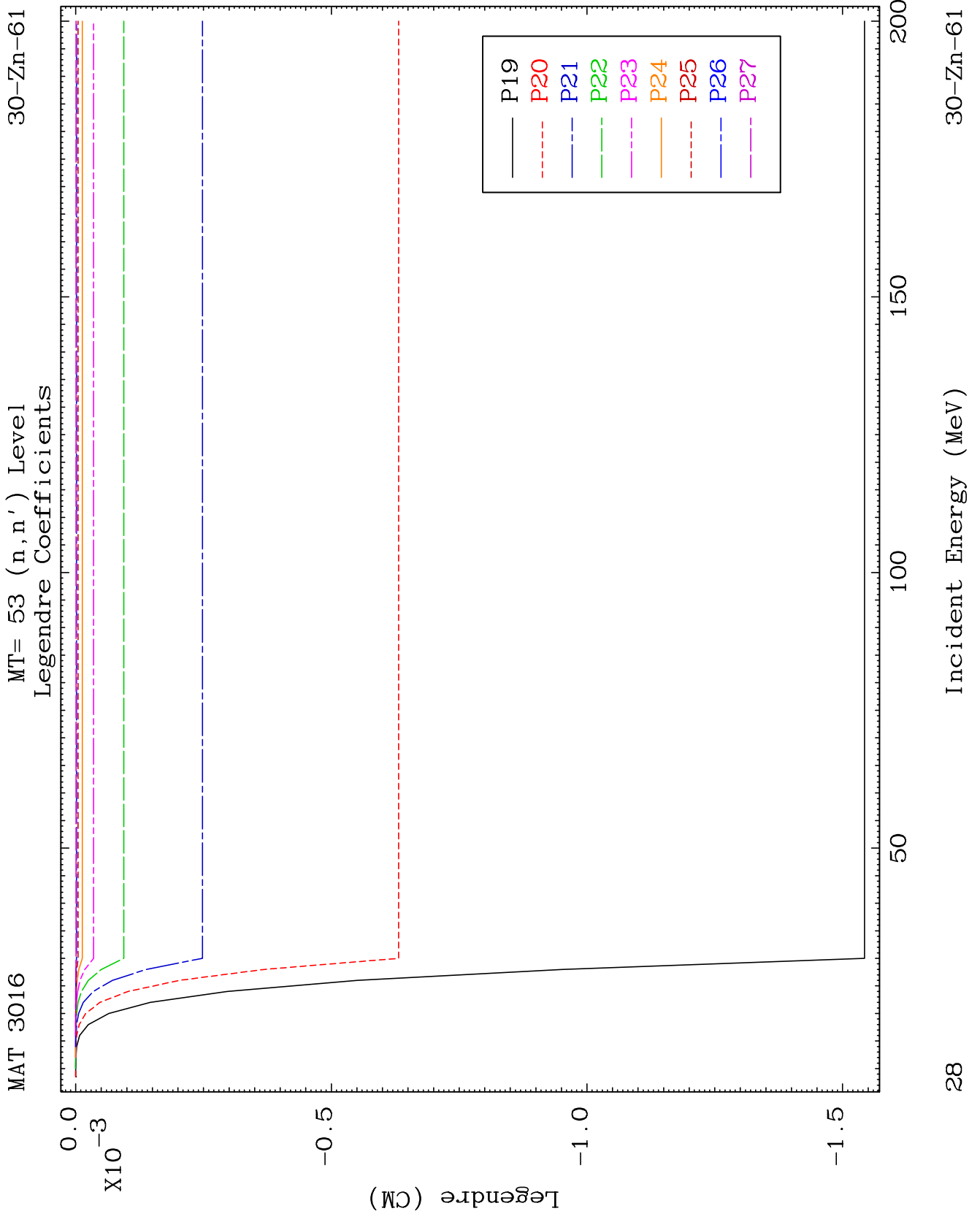
30-Zn-61

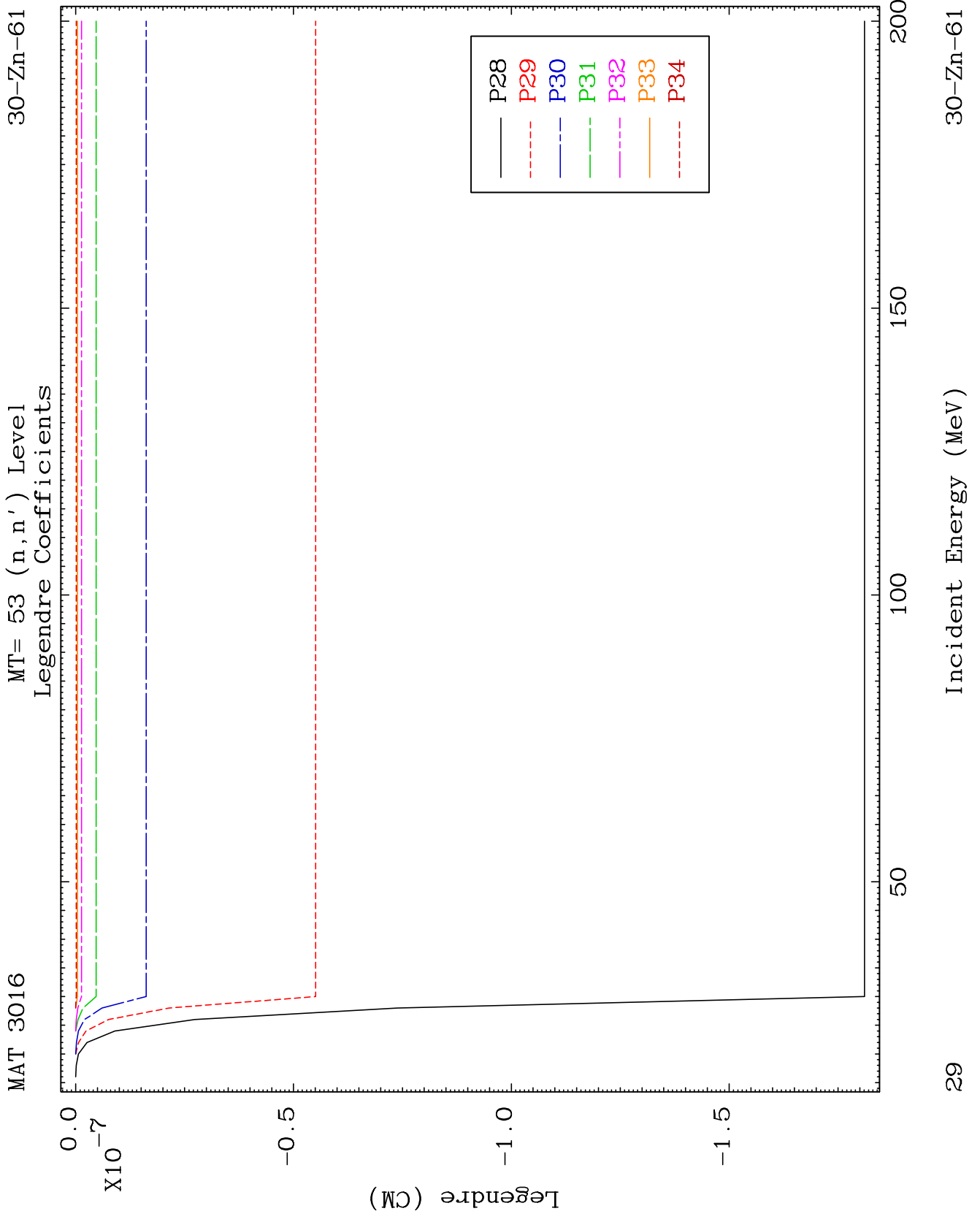


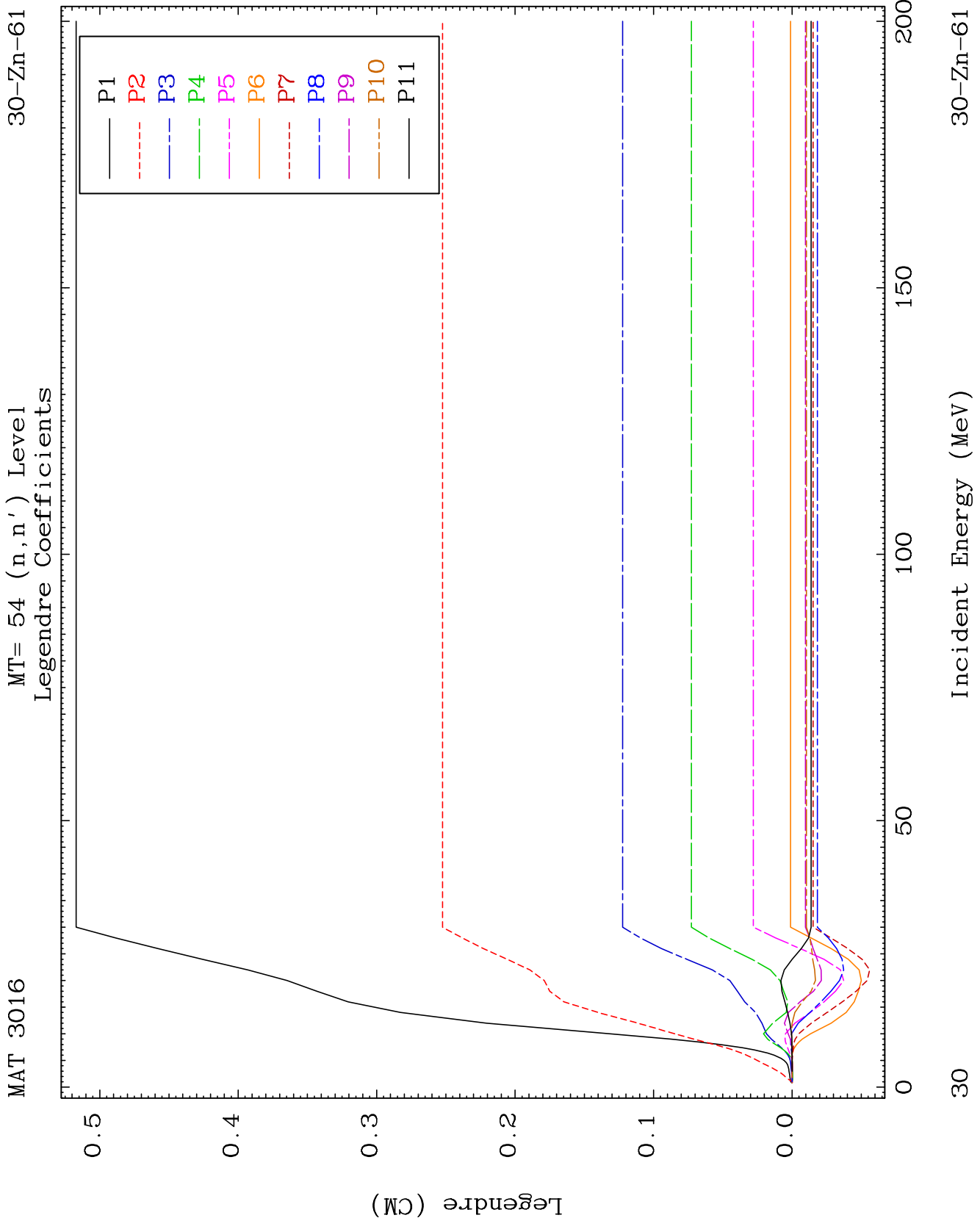
27

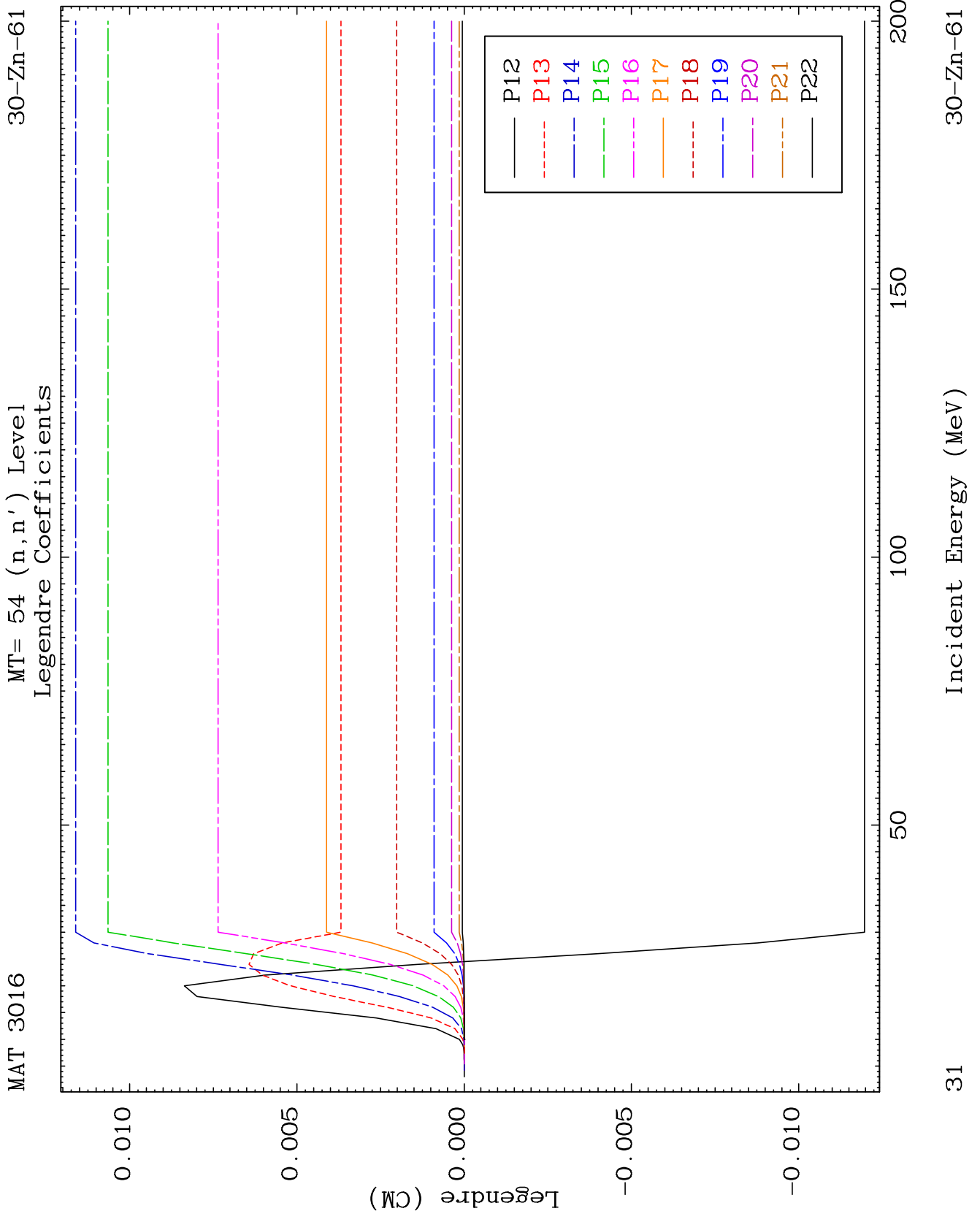
Incident Energy (MeV)

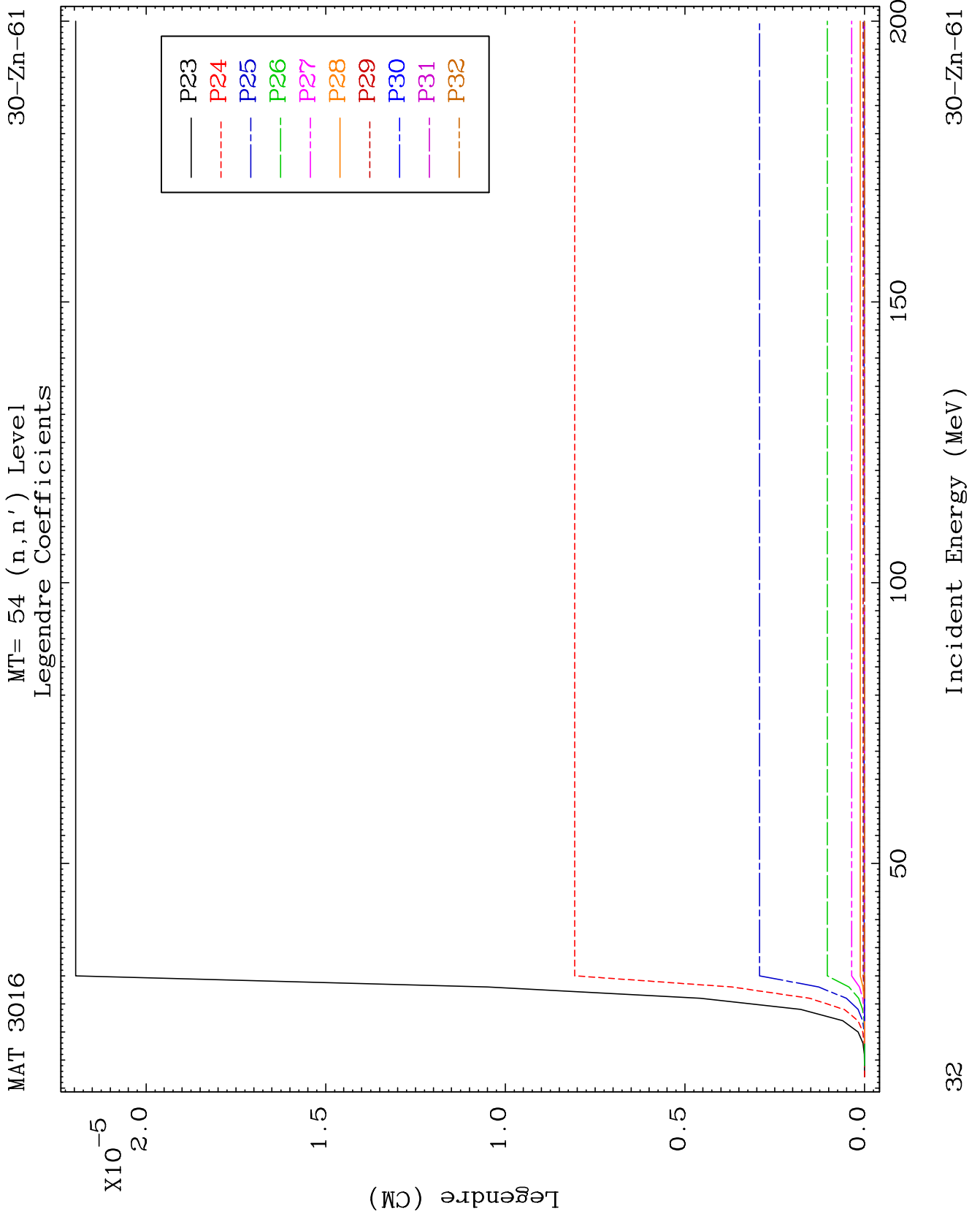
30-Zn-61







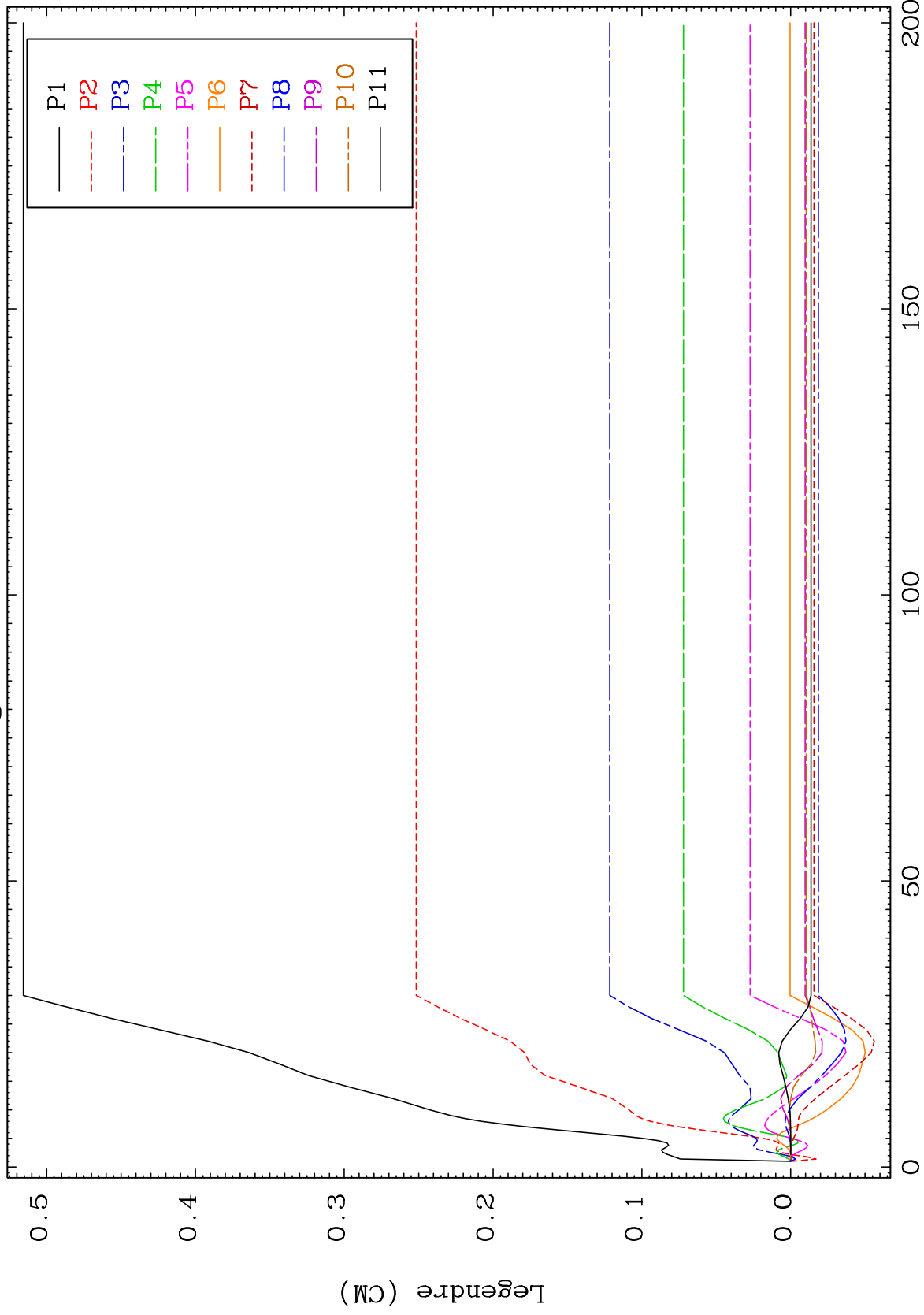




MAT 3016

MT= 55 (n,n') Level
Legendre Coefficients

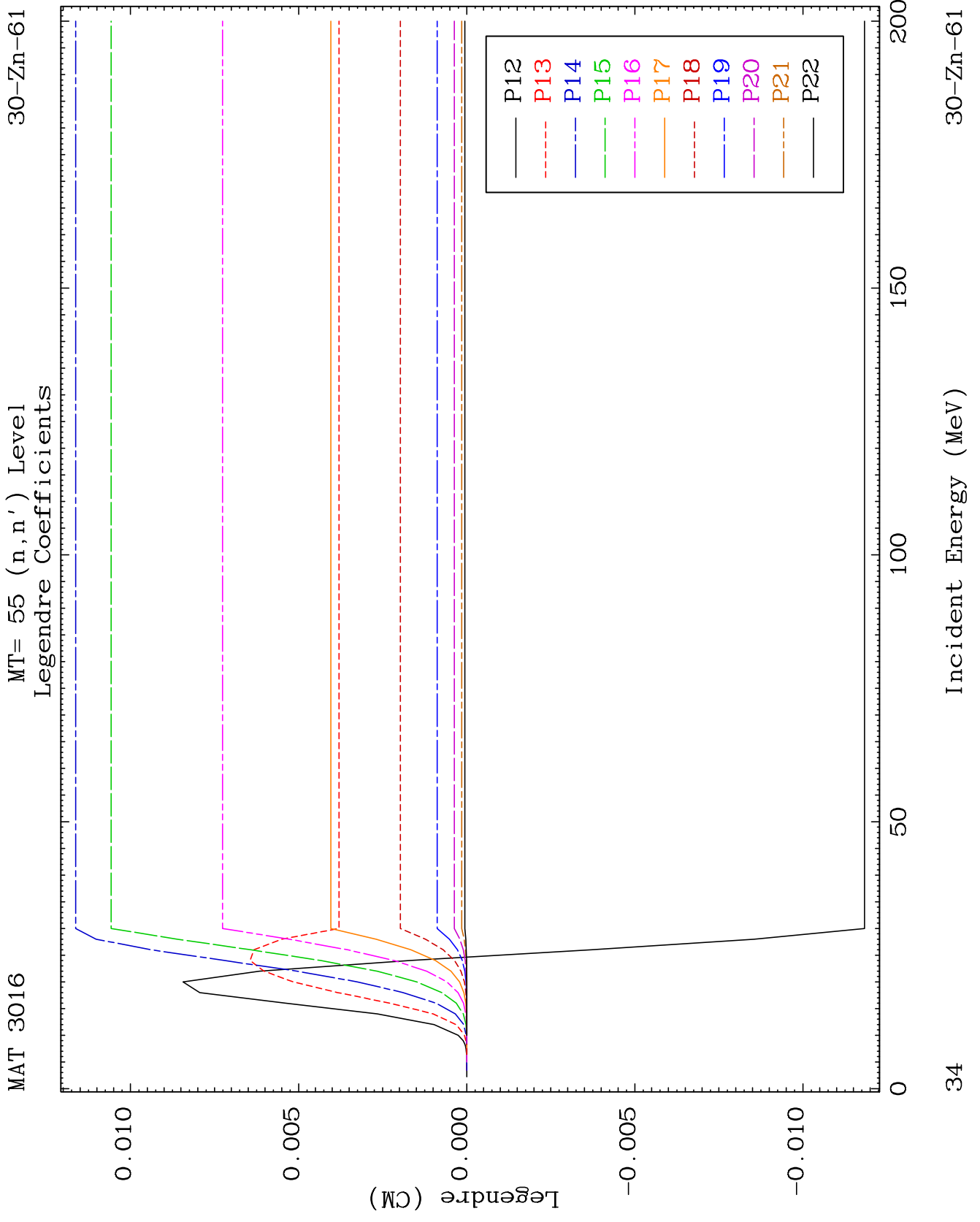
30-Zn-61

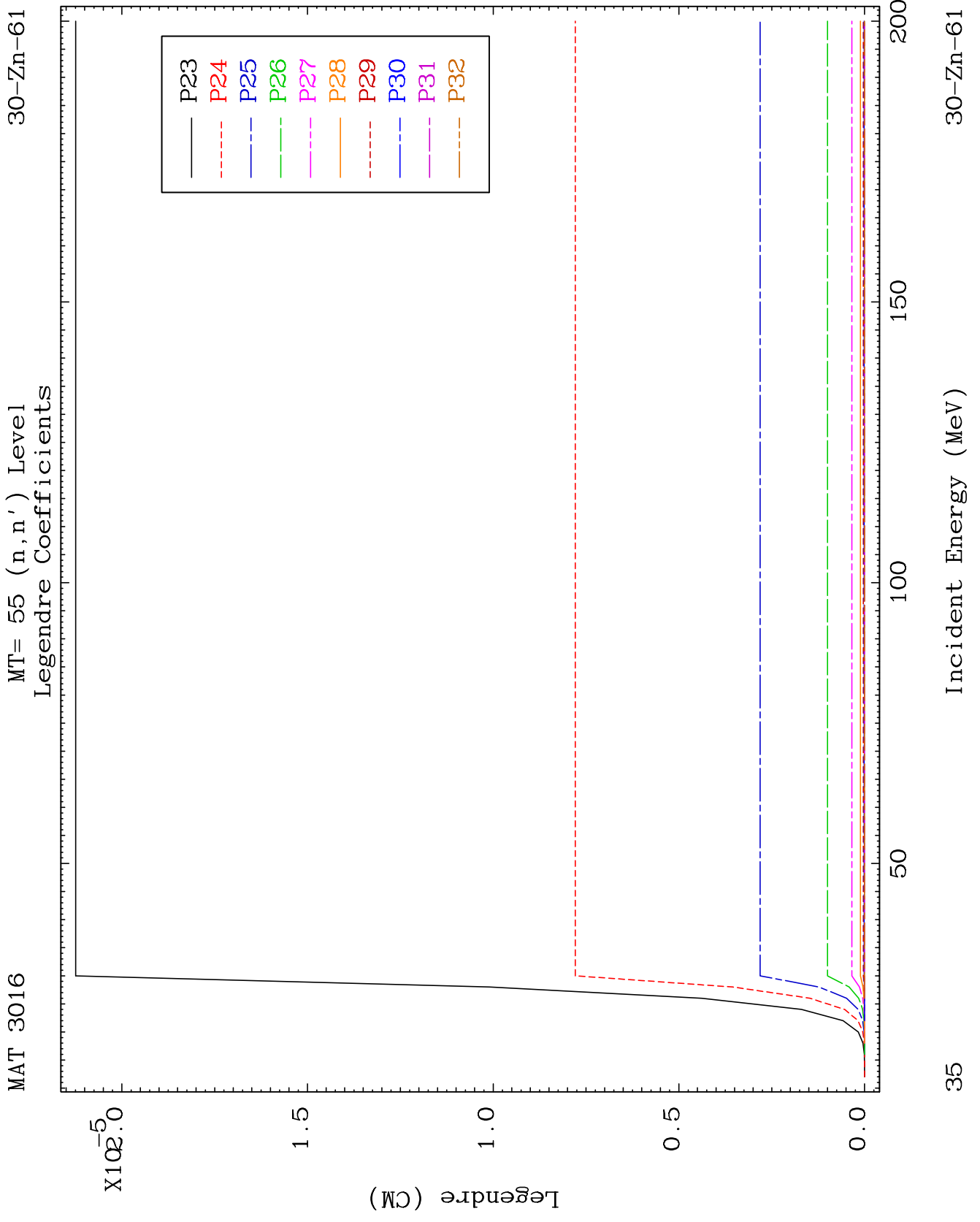


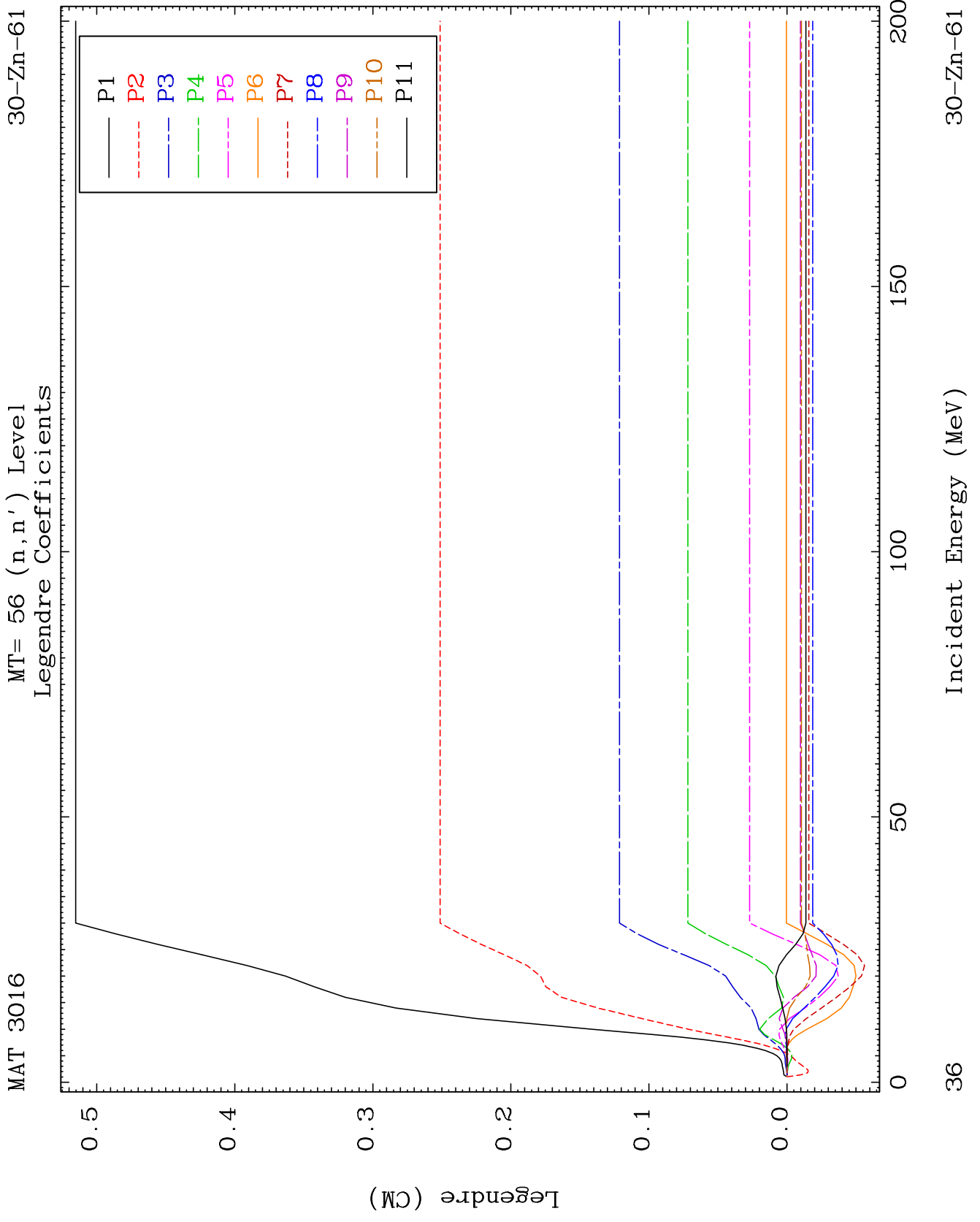
33

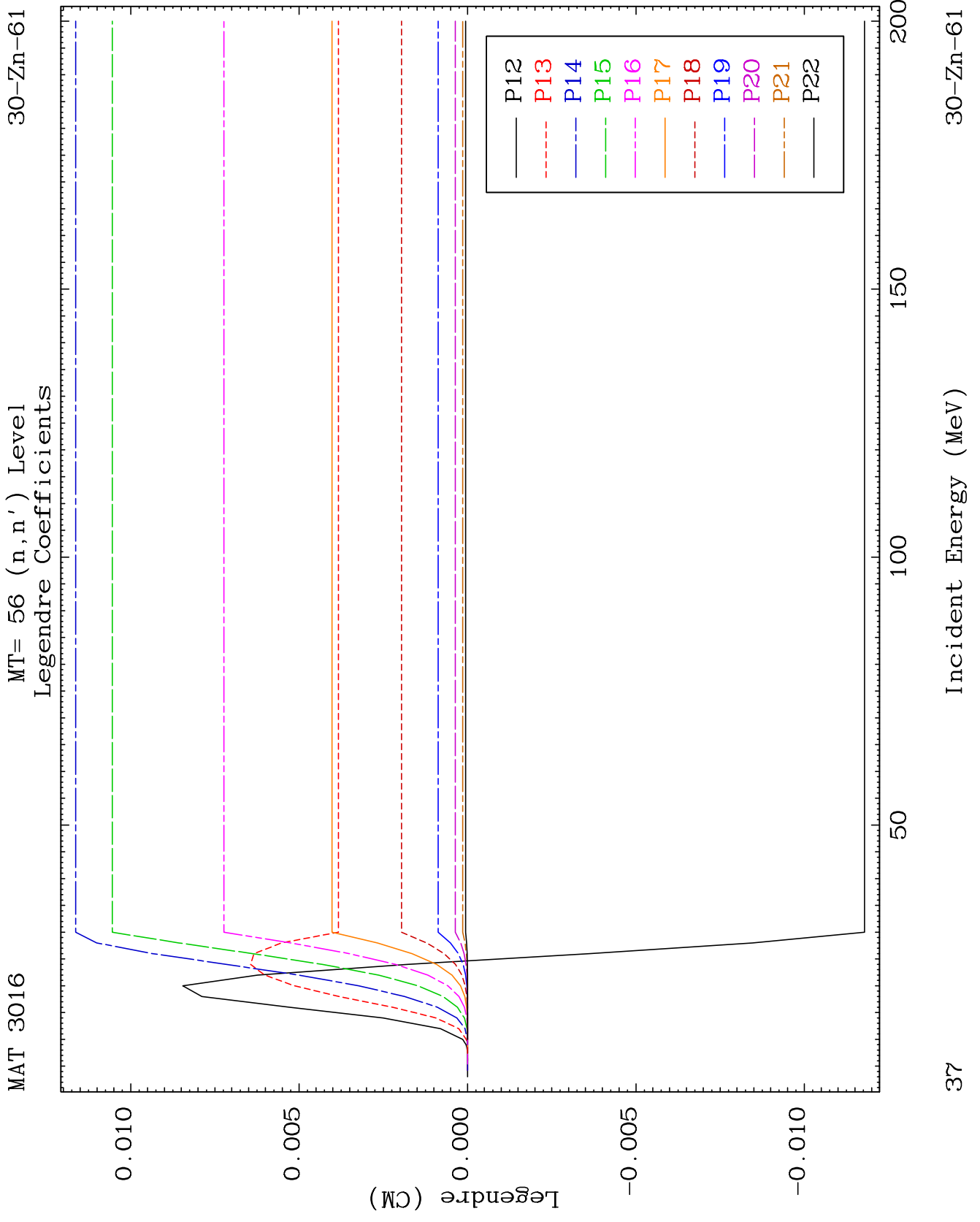
Incident Energy (MeV)

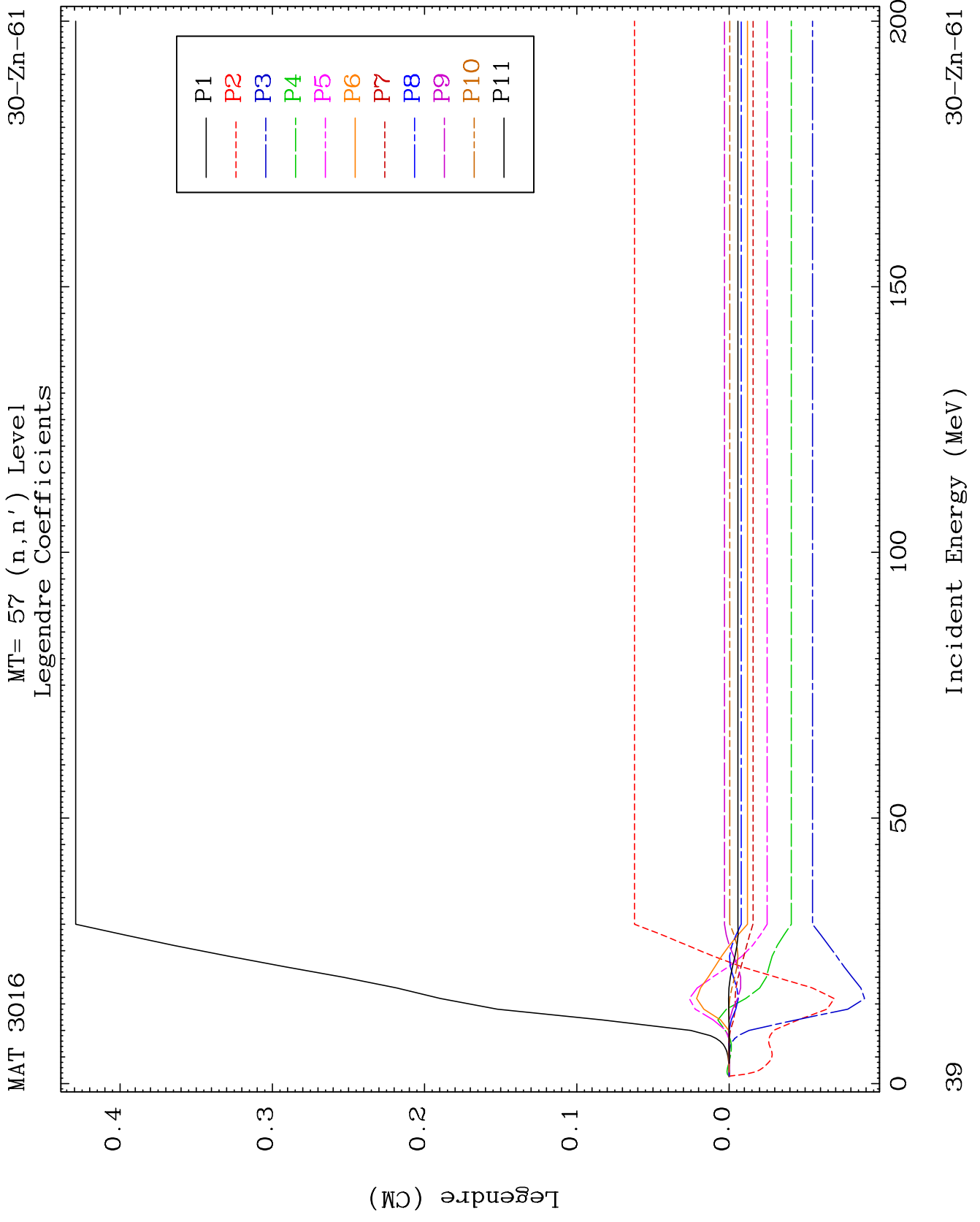
30-Zn-61







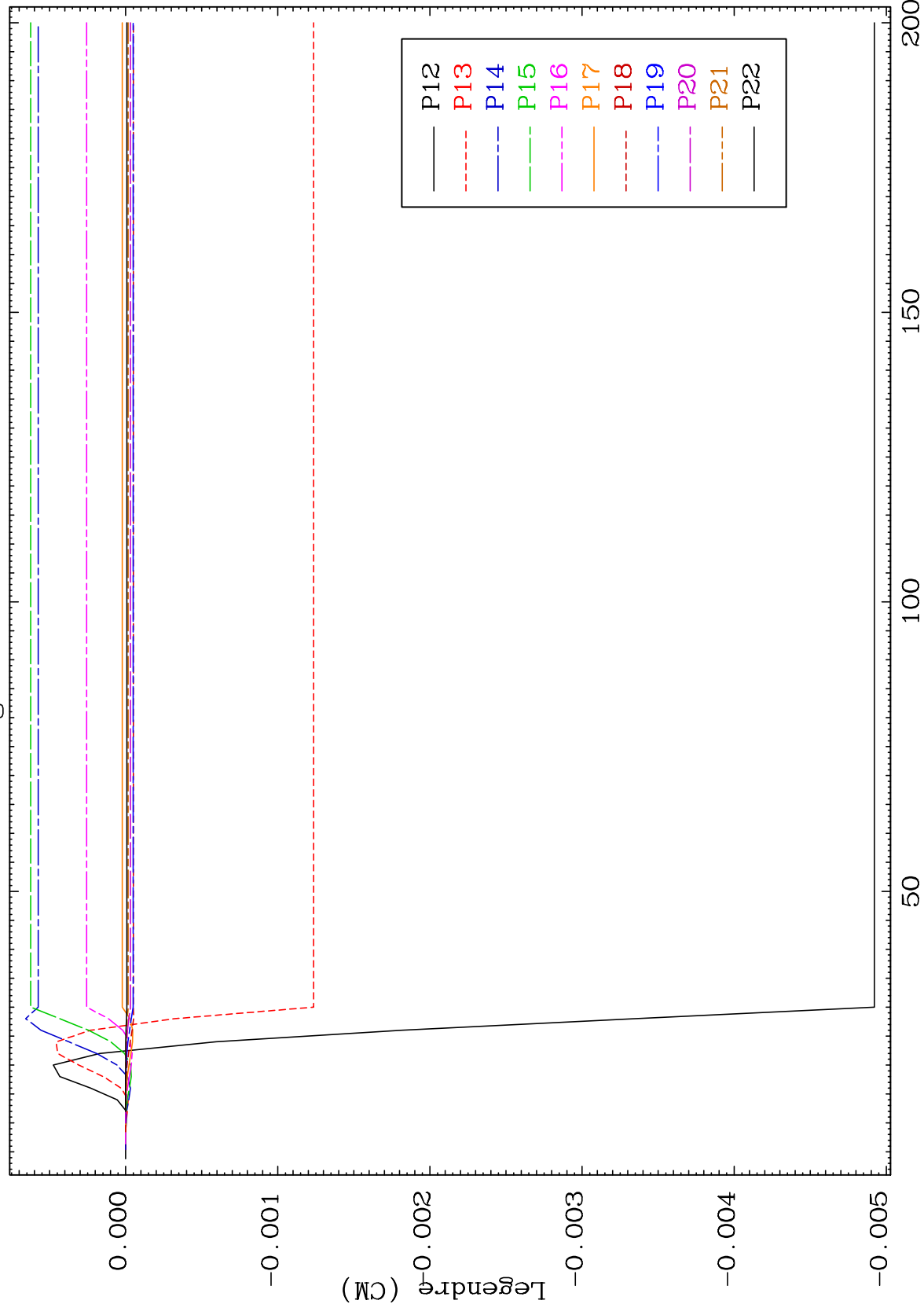




MAT 3016

MT= 57 (n,n') Level
Legendre Coefficients

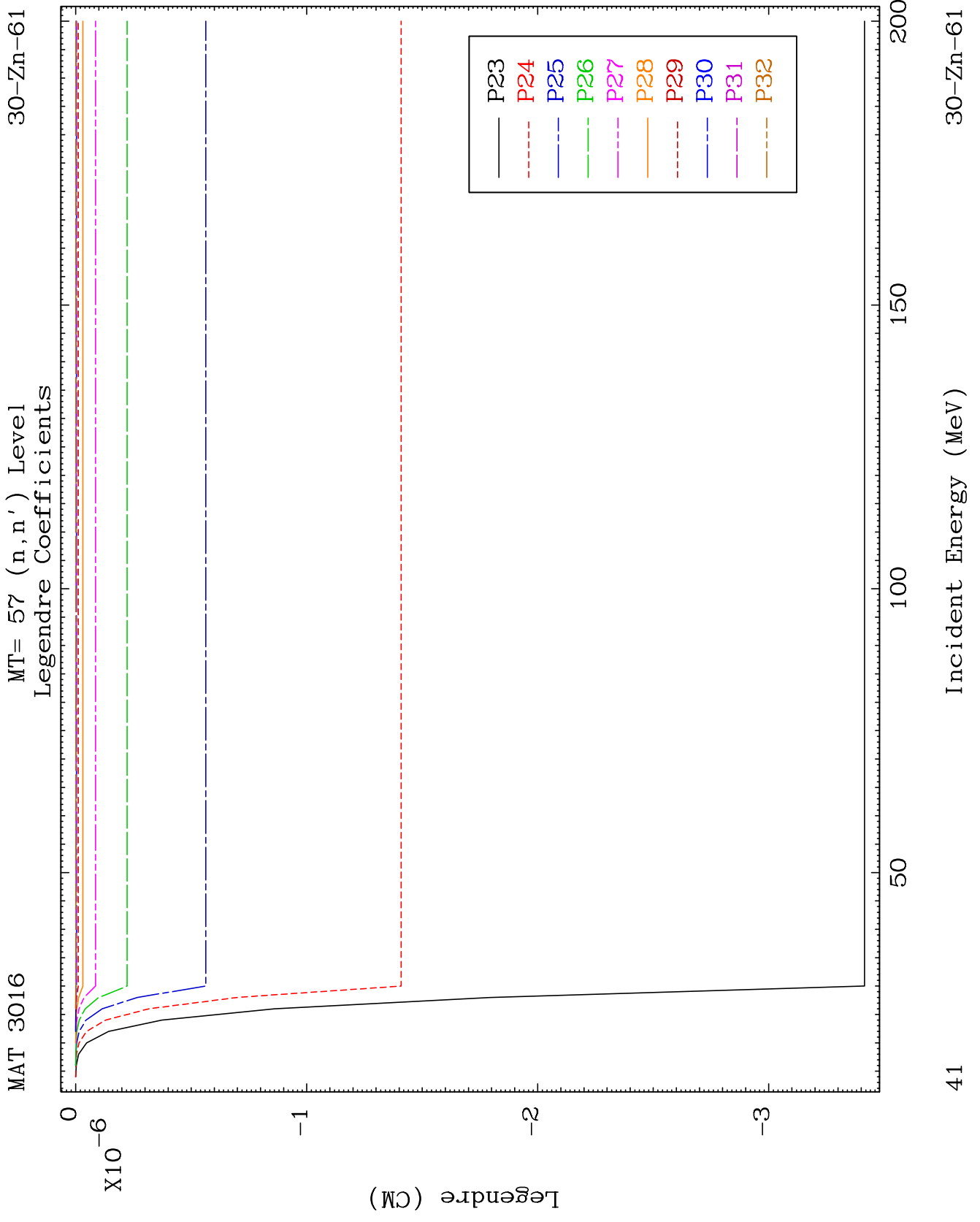
30-Zn-61

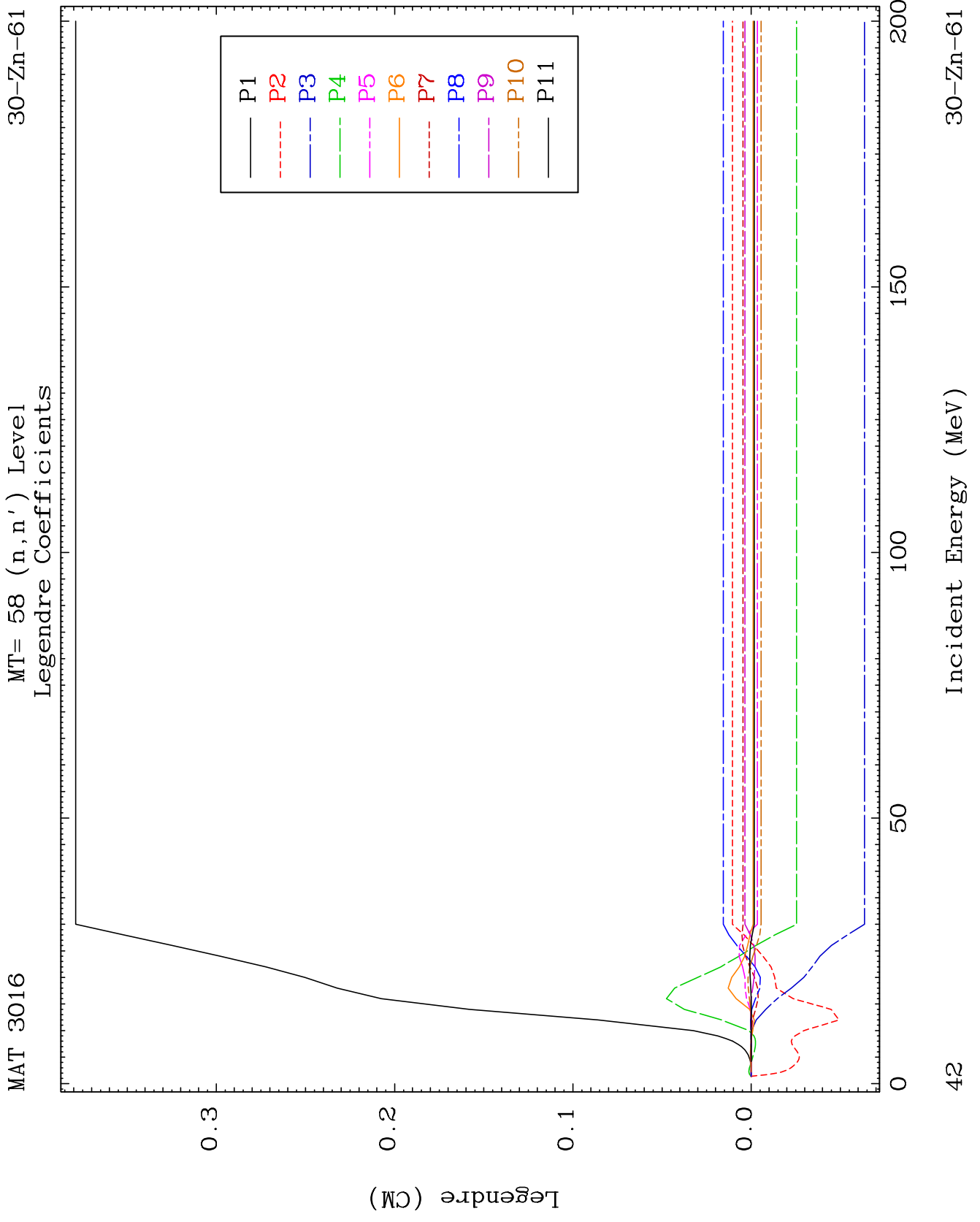


40

Incident Energy (MeV)

30-Zn-61

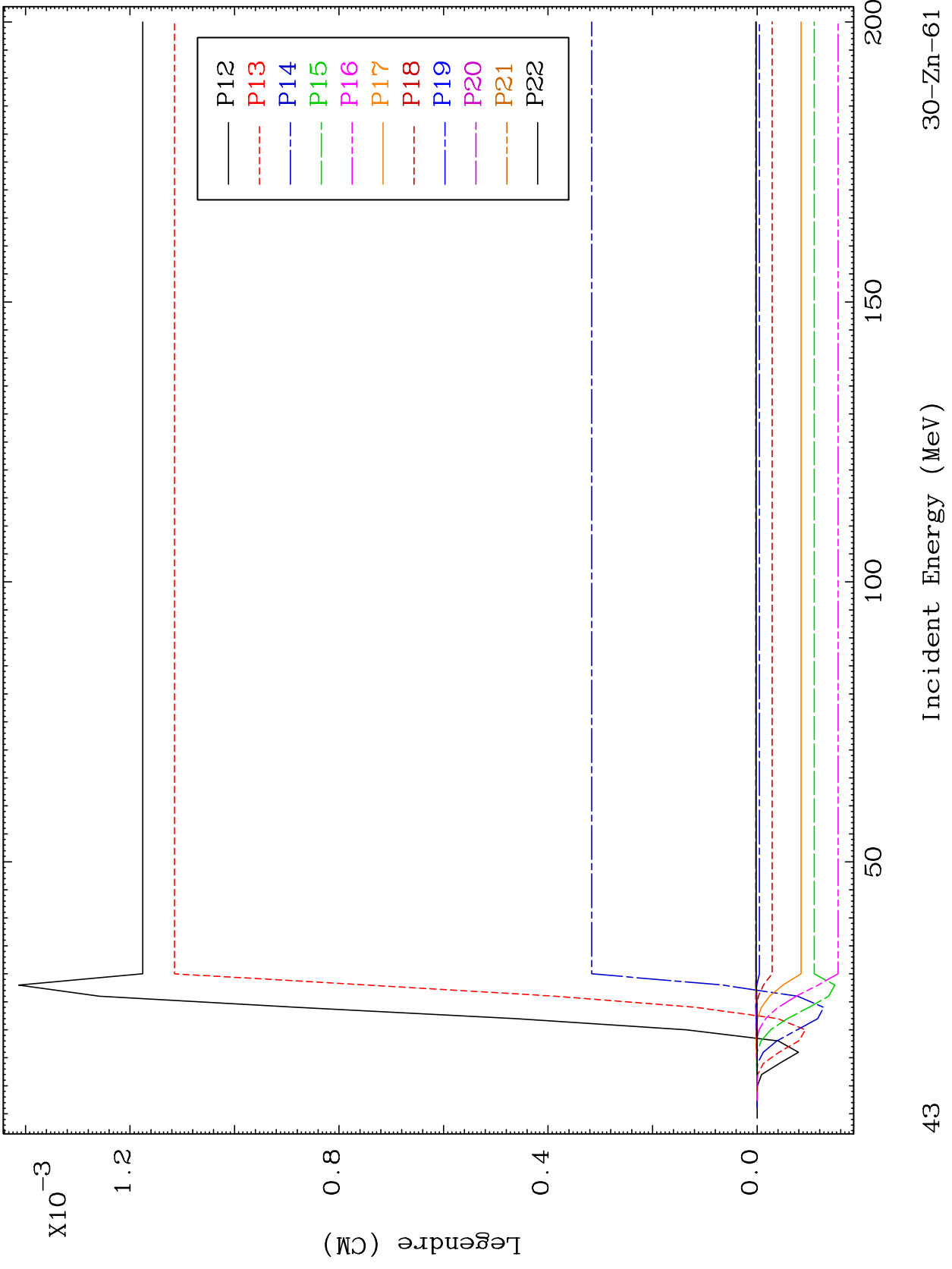


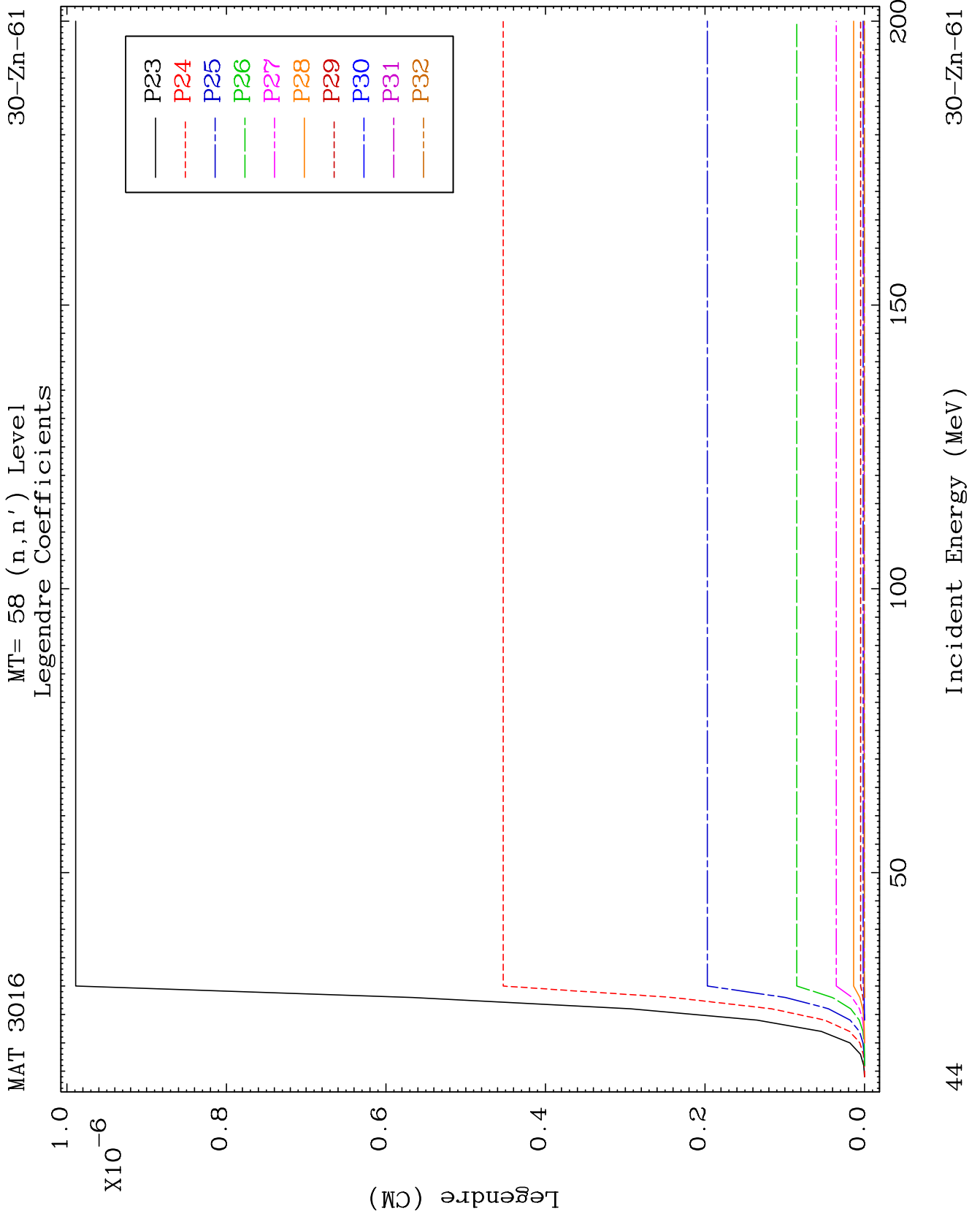


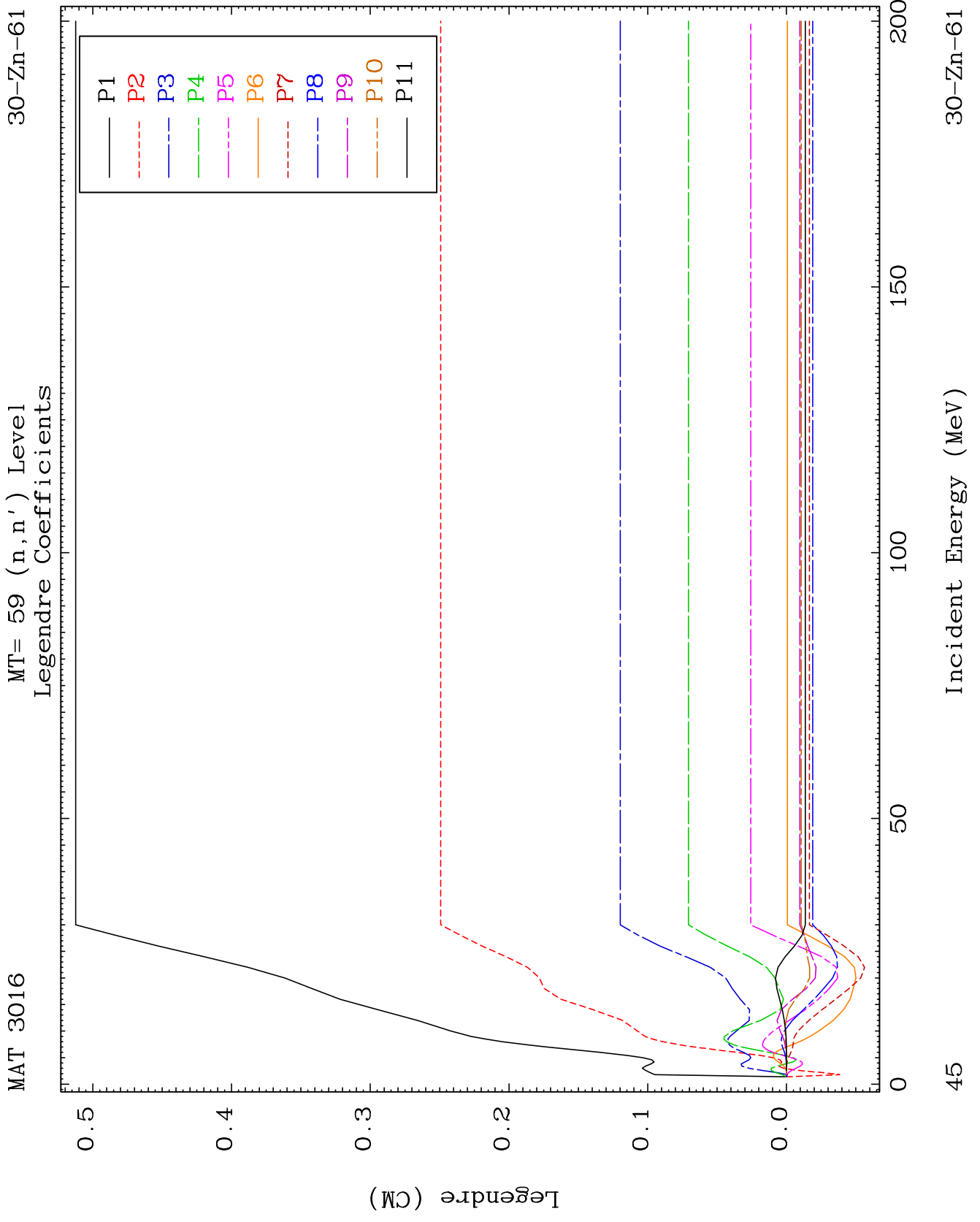
MAT 3016

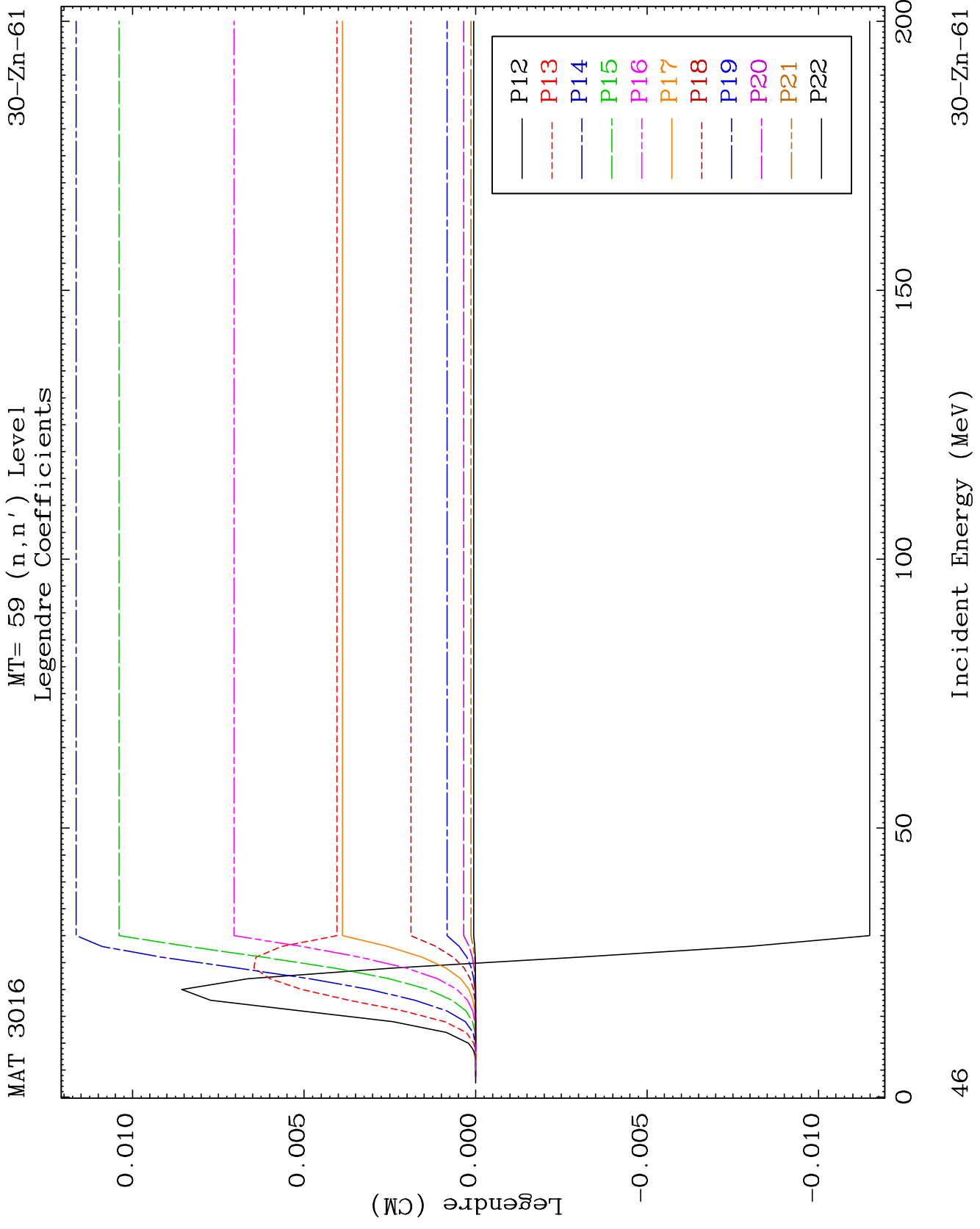
MT= 58 (n,n') Level
Legendre Coefficients

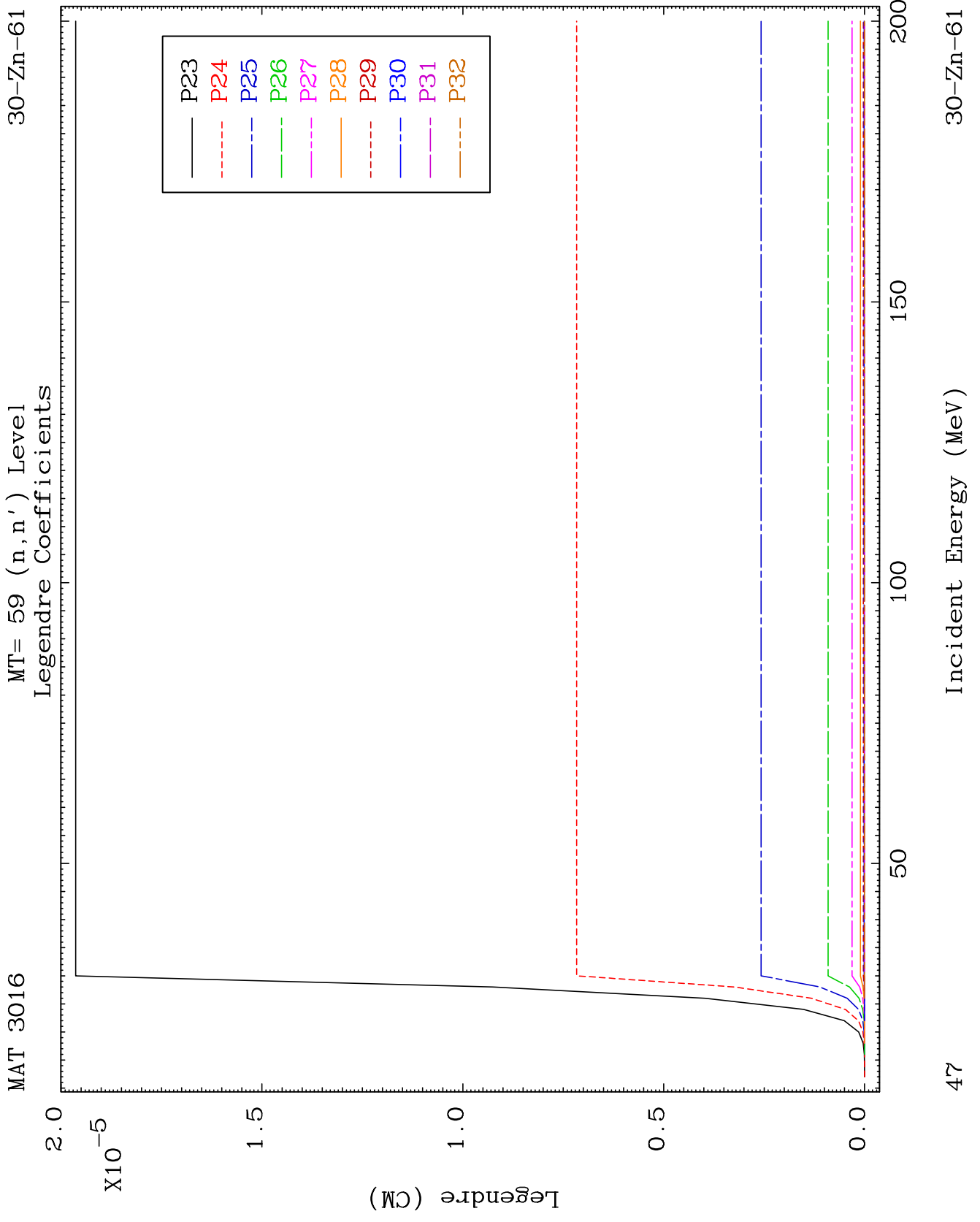
30-Zn-61

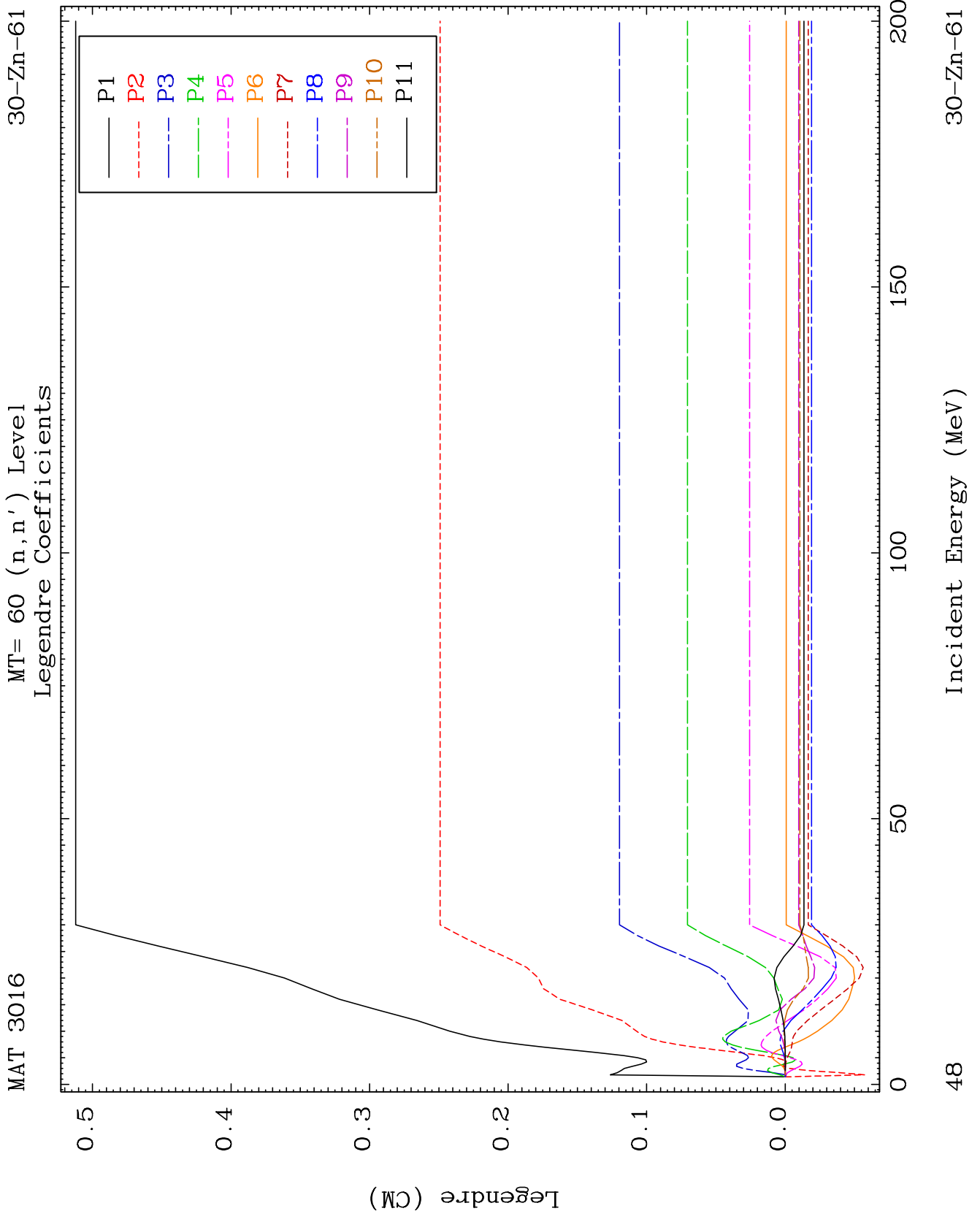


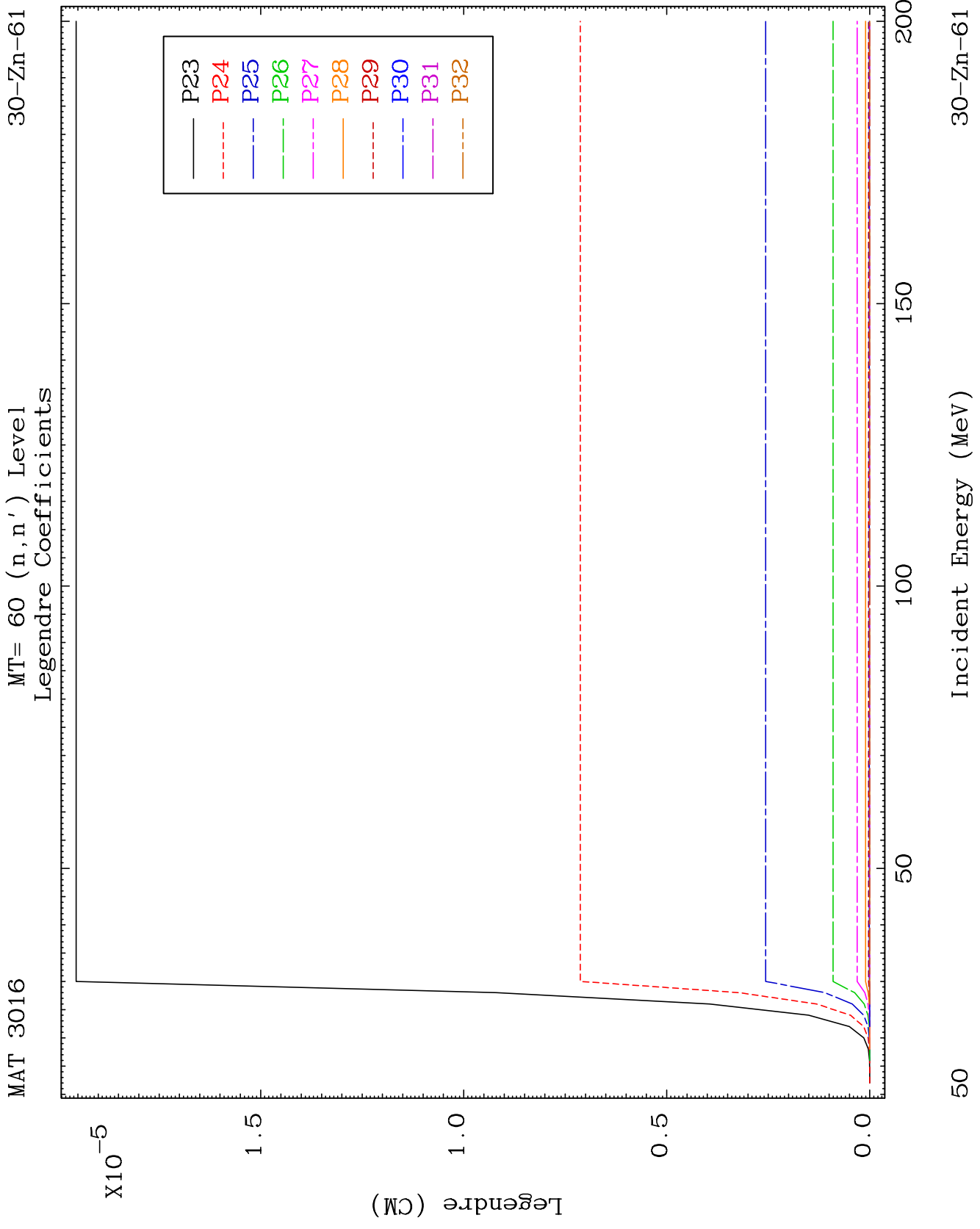


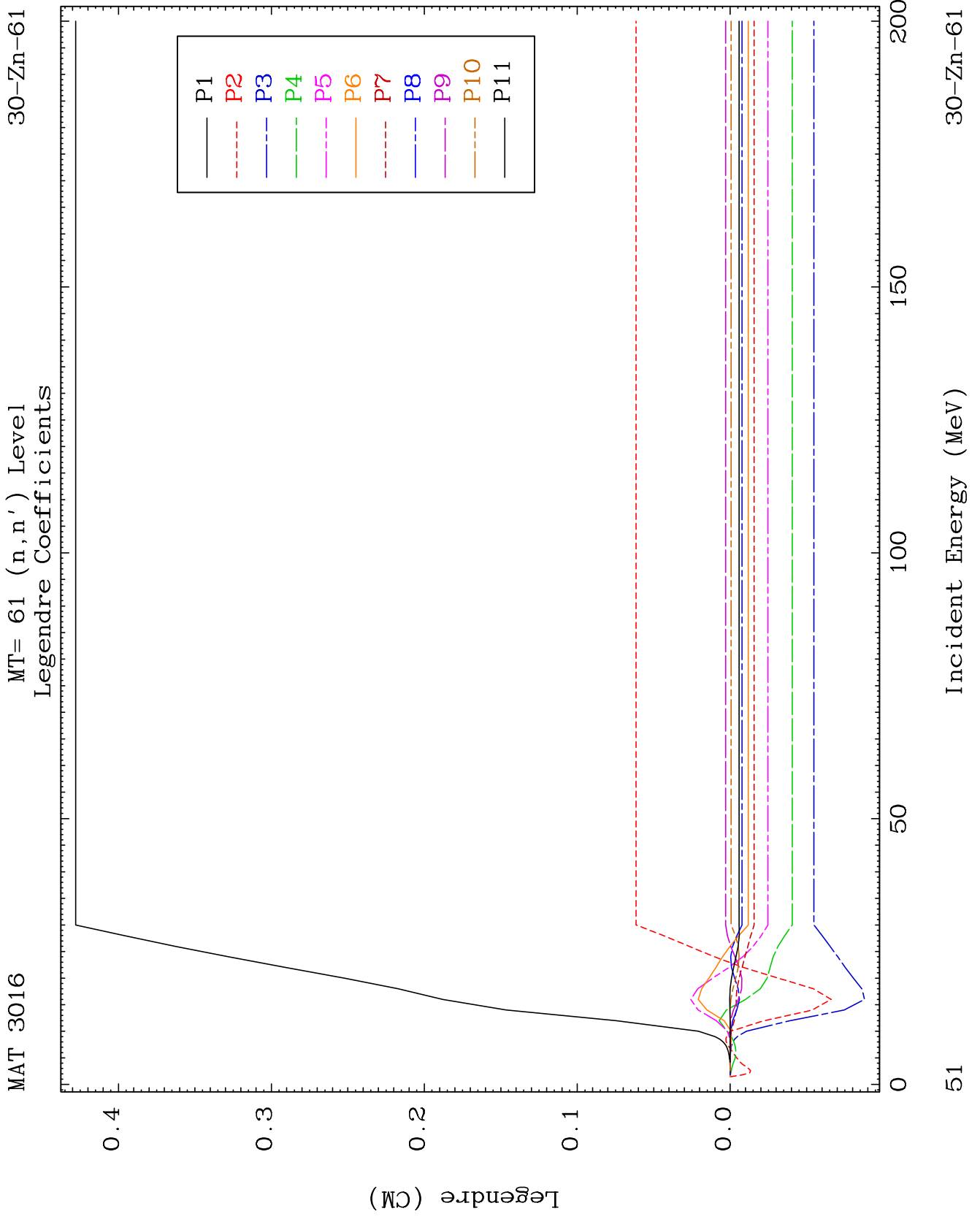


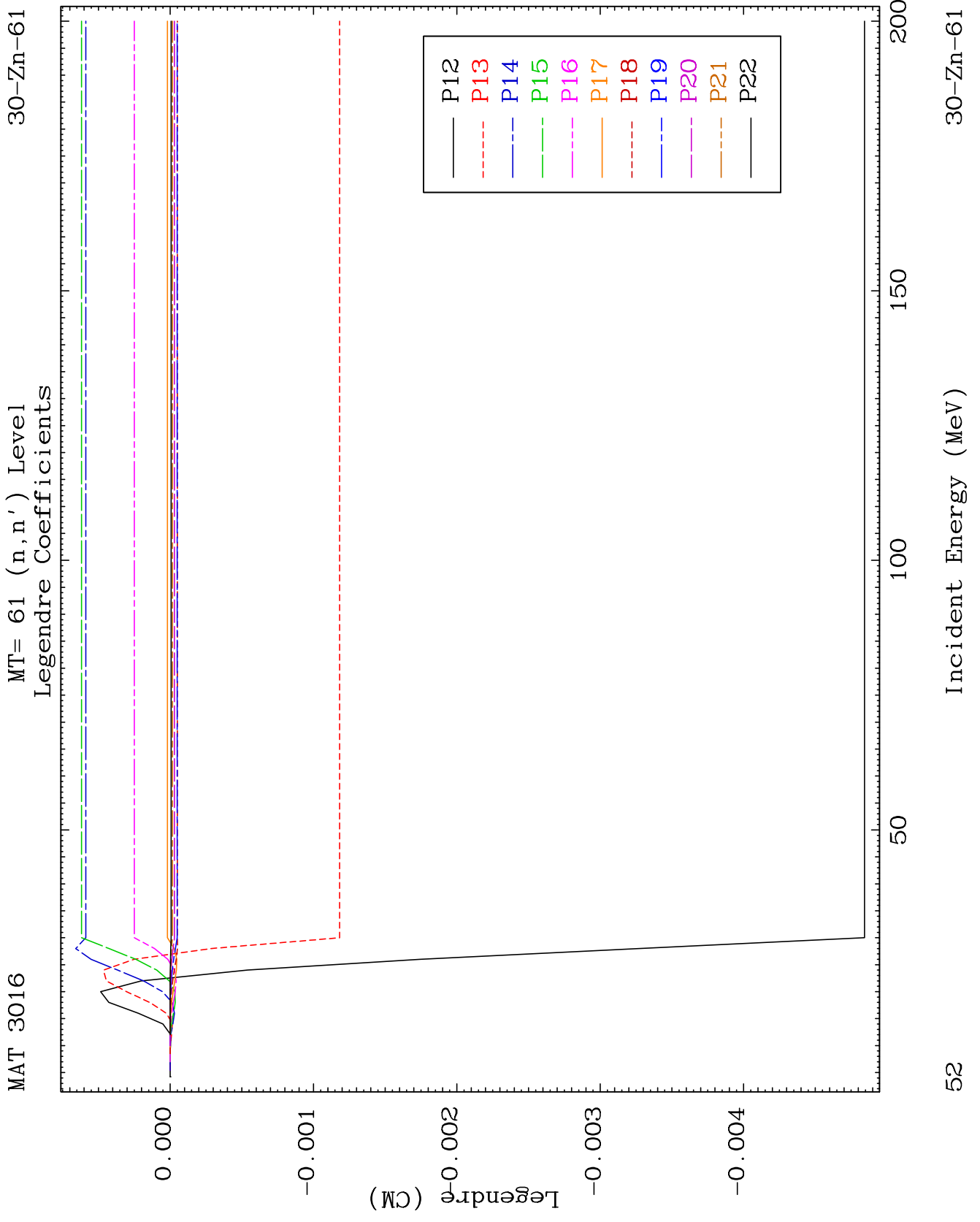


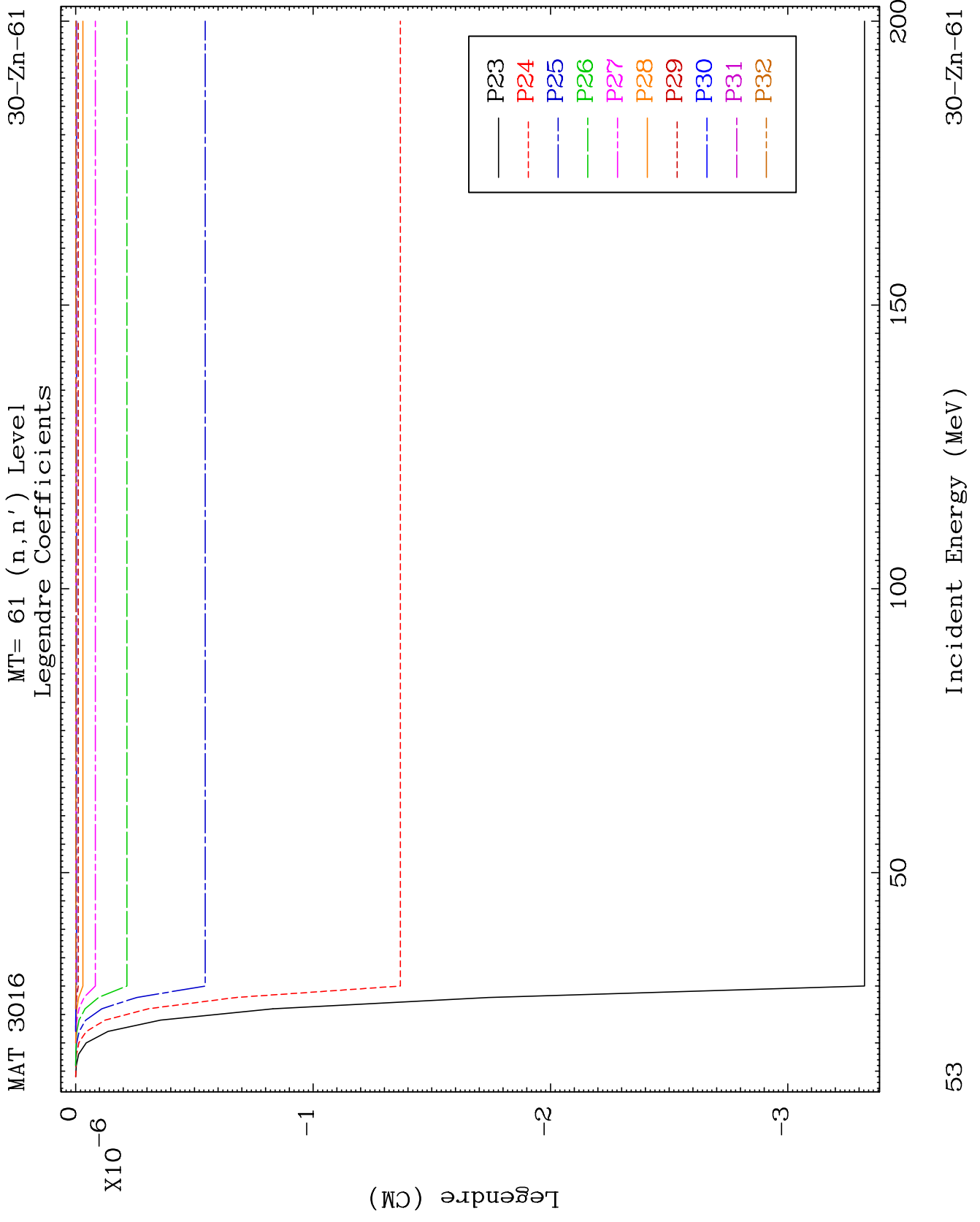


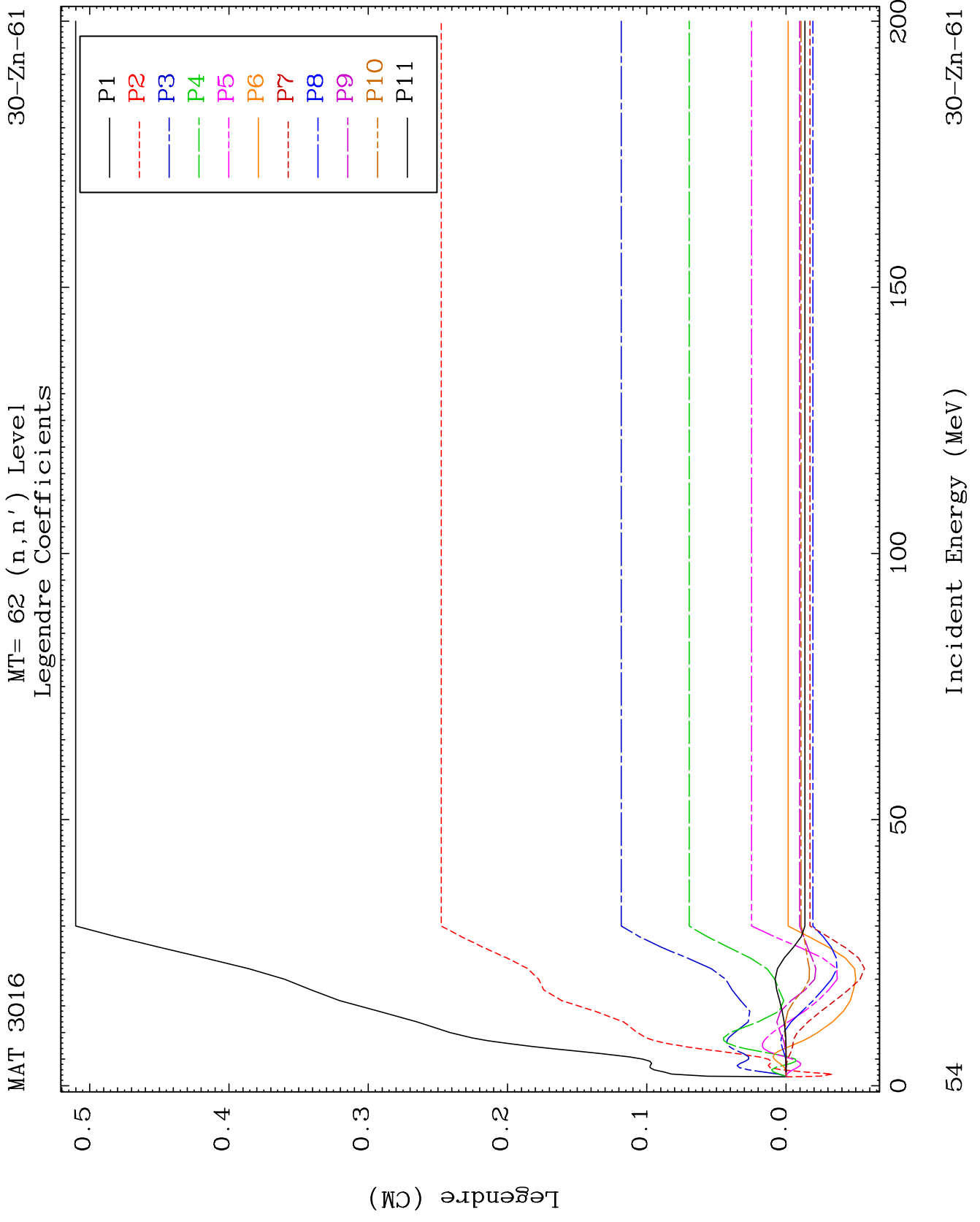


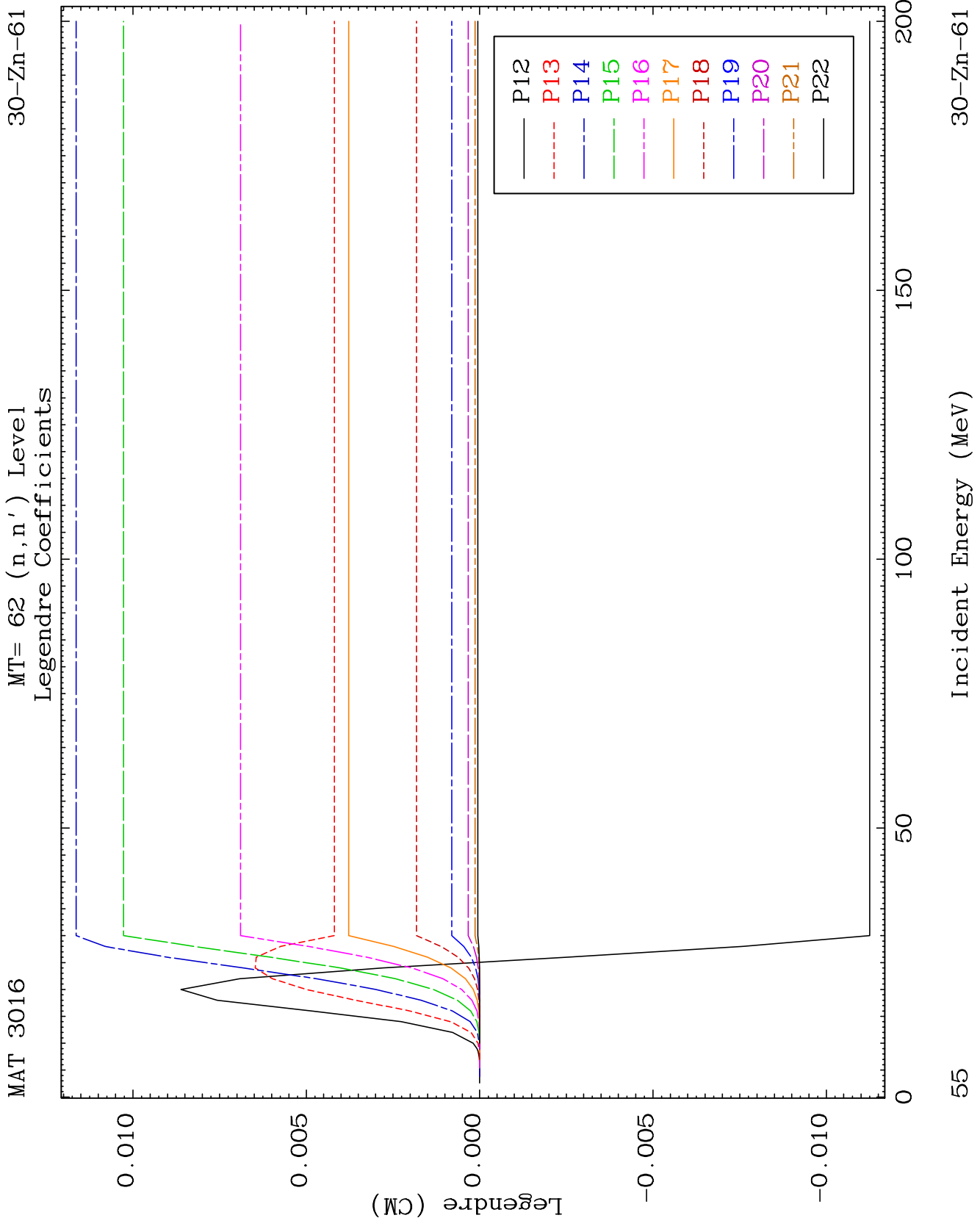


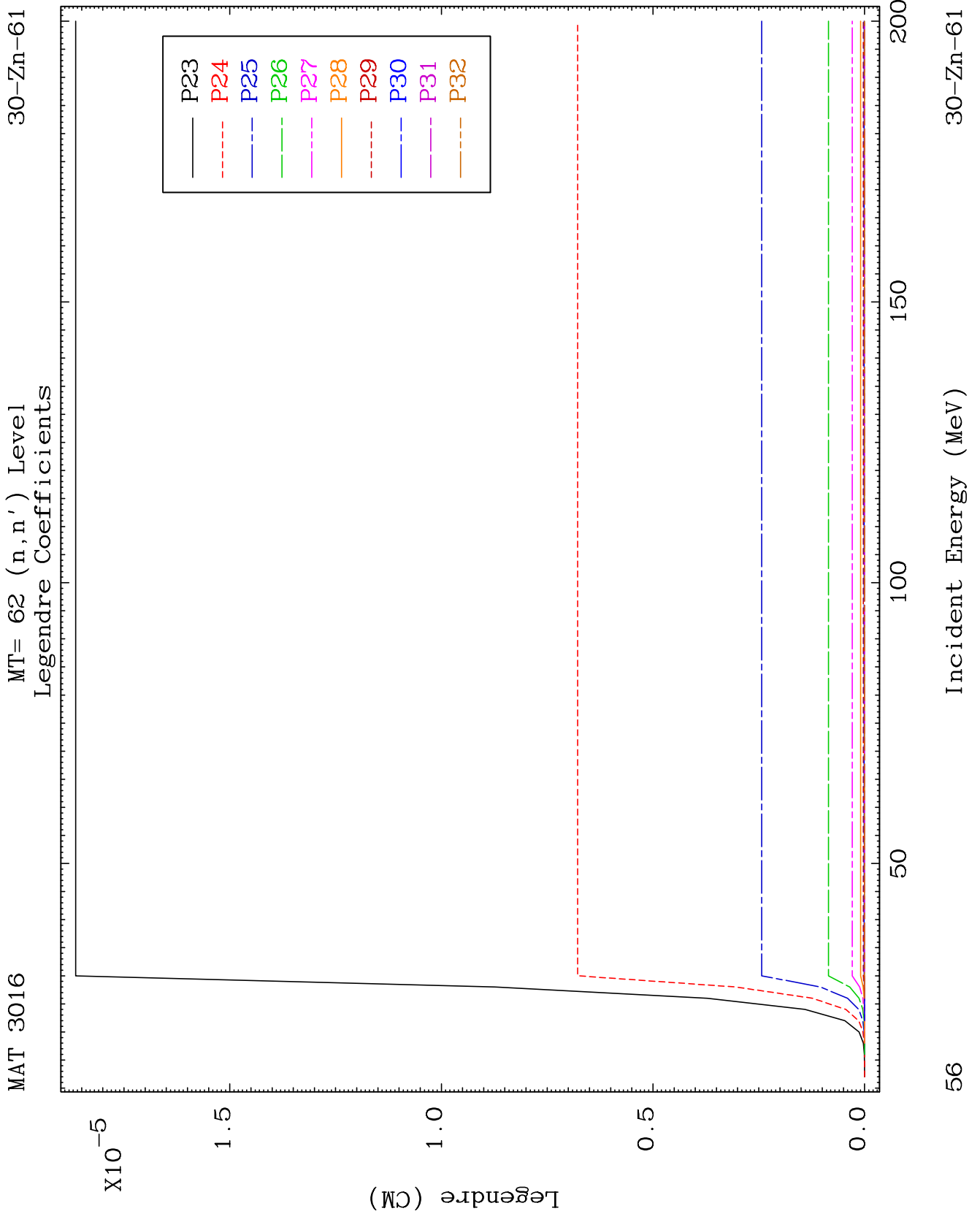










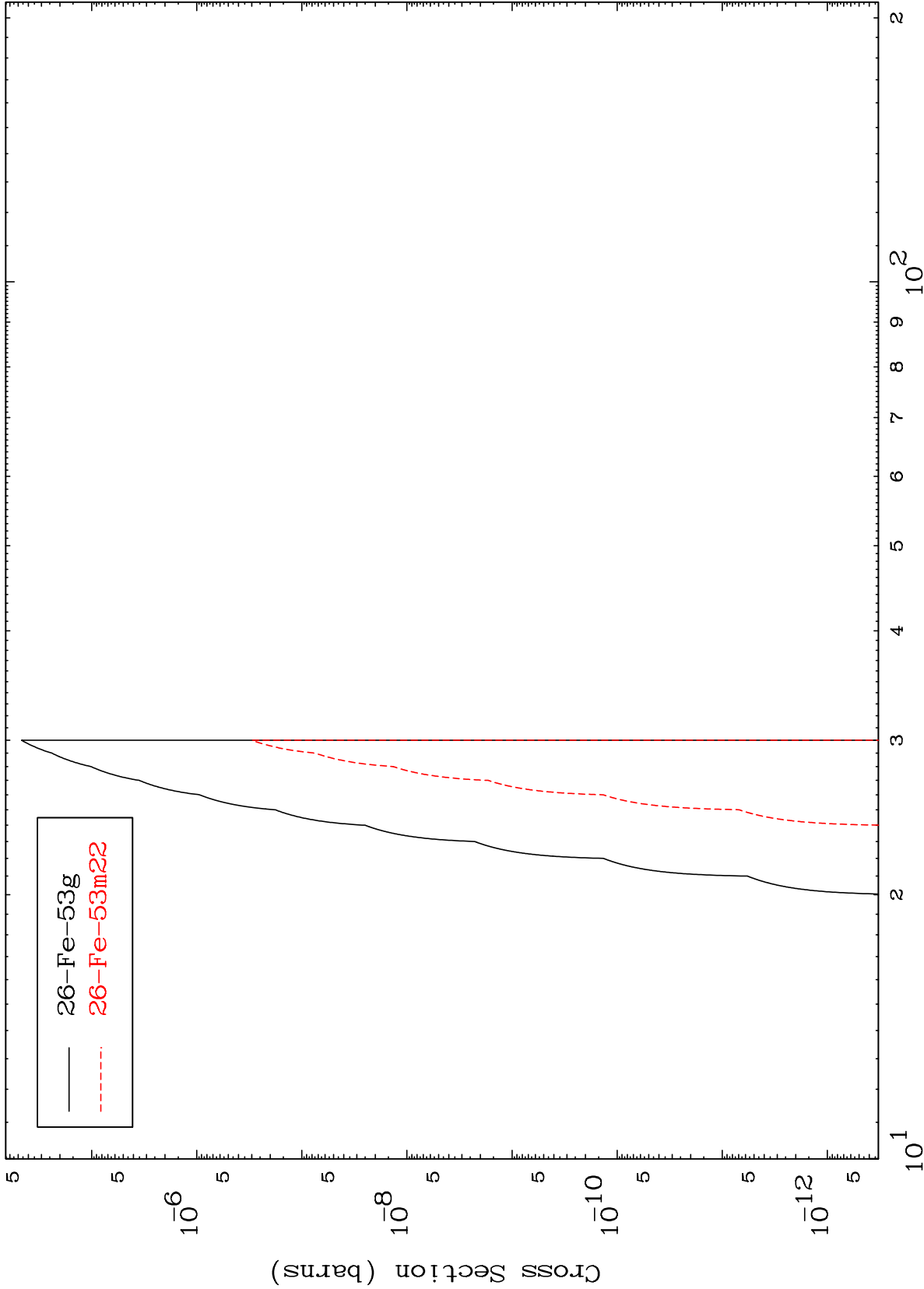


MAT 3016

(n,n') 2α

30-Zn-61

Radionuclide Production Cross Section



— 26-Fe-53g
- - - 26-Fe-53m22

Incident Energy (MeV)

30-Zn-61

57