

Program EVALPLOT
(Version 2021-1)

by

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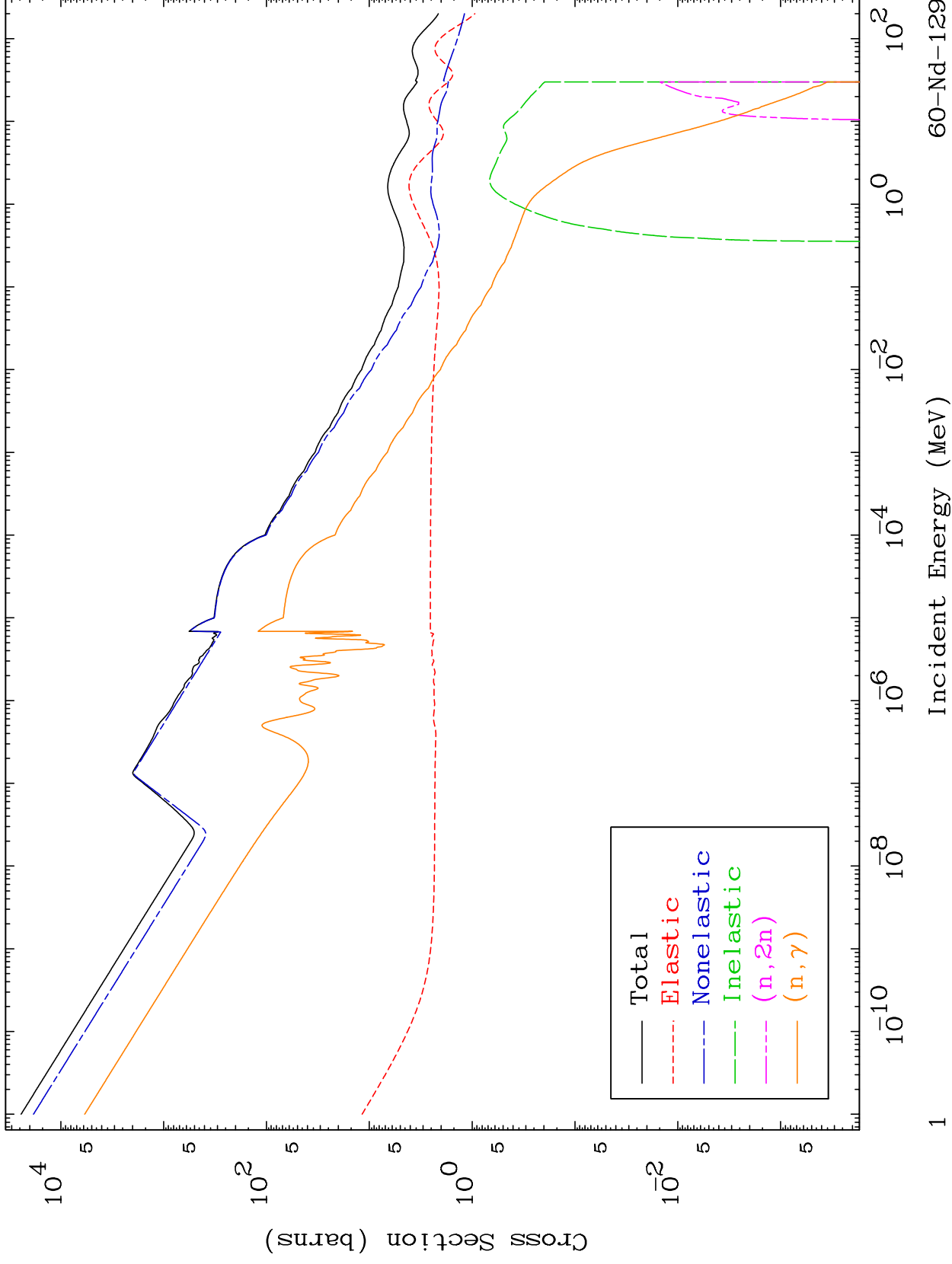
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5986

Neutron Major
293 Kelvin Cross Sections

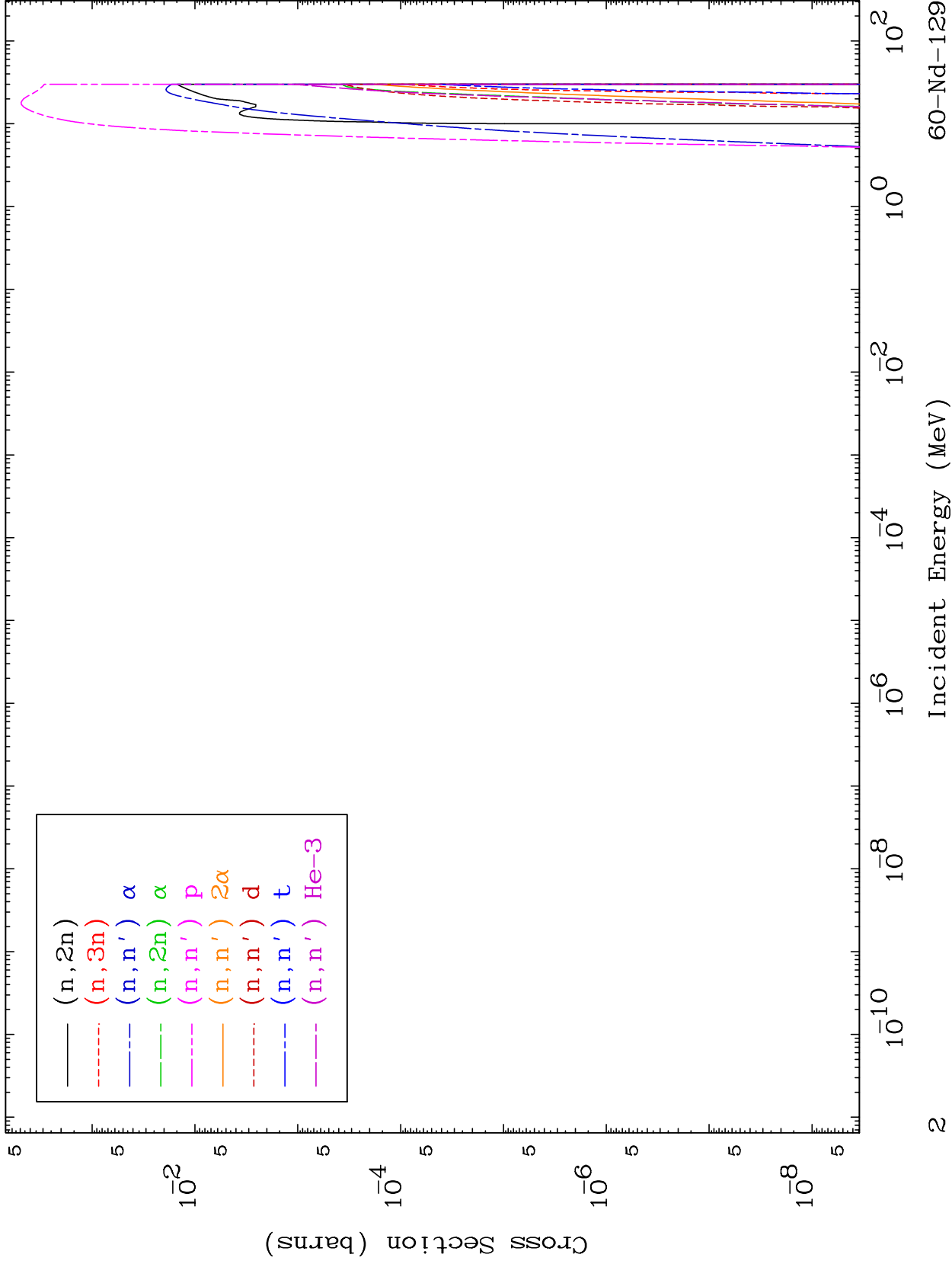
60-Nd-129



MAT 5986

Neutron Absorption
293 Kelvin Cross Sections

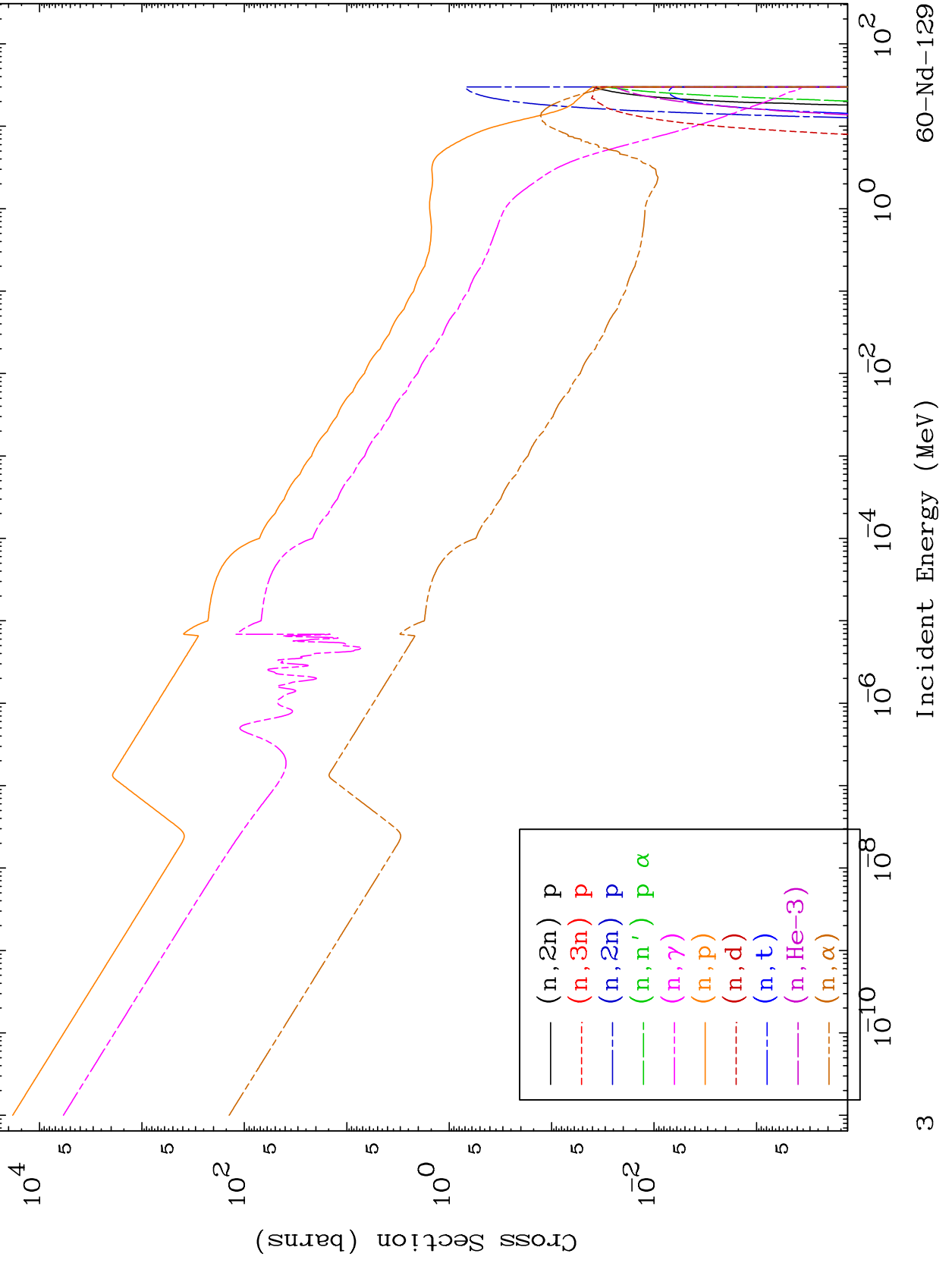
60-Nd-129



MAT 5986

Neutron Absorption
293 Kelvin Cross Sections

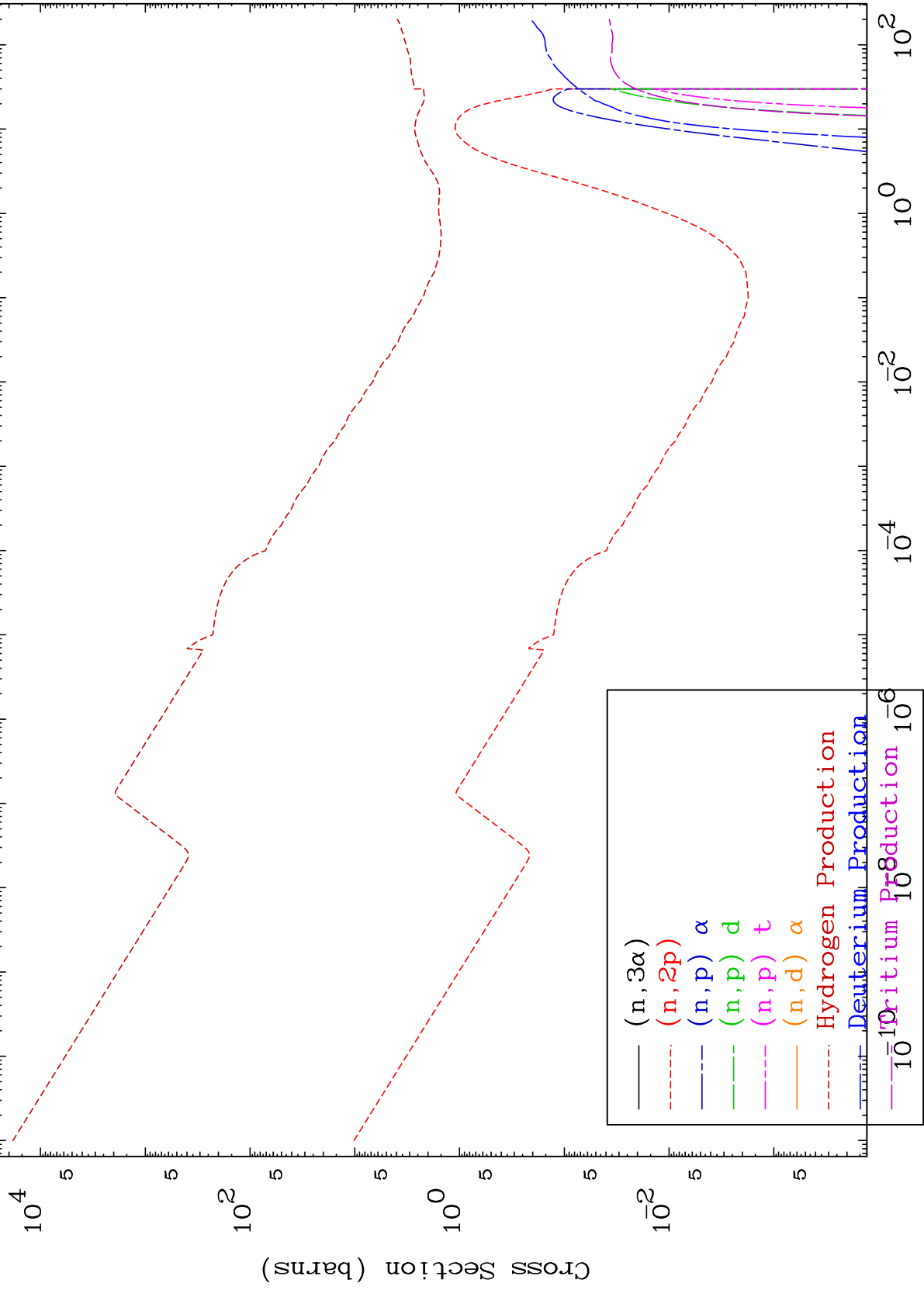
60-Nd-129



MAT 5986

Neutron Absorption
293 Kelvin Cross Sections

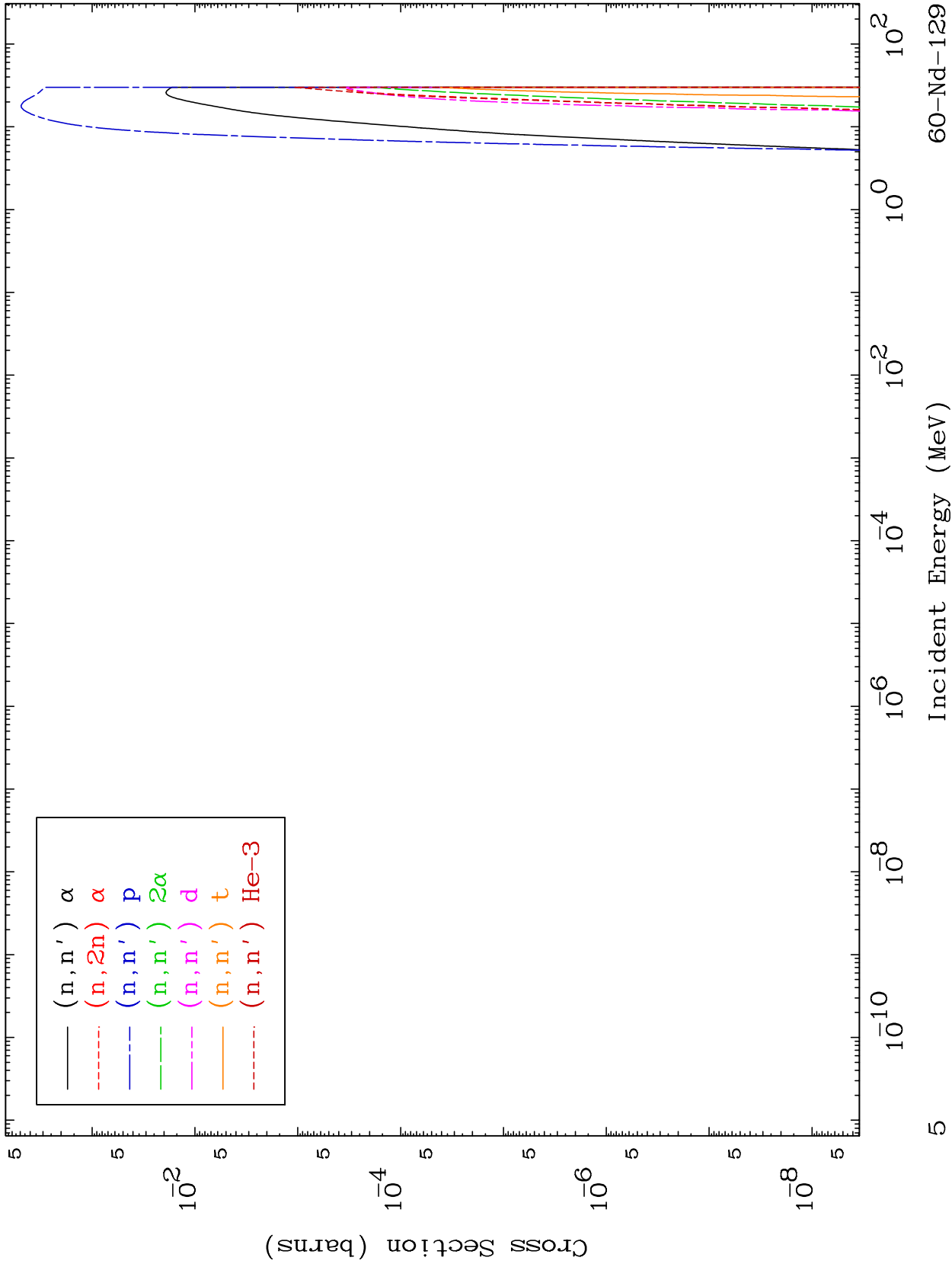
60-Nd-129



MAT 5986

Charged Particle
293 Kelvin Cross Sections

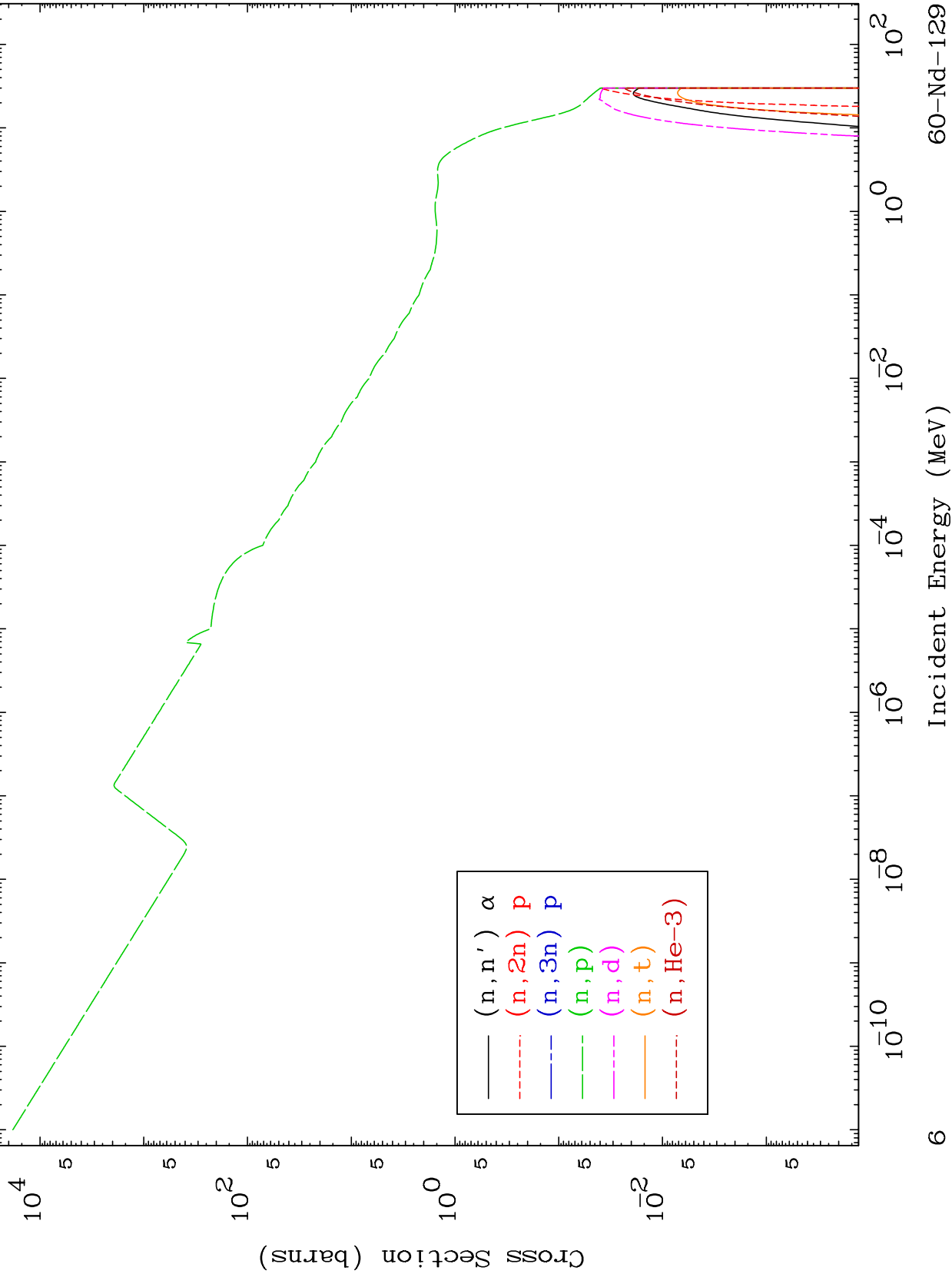
60-Nd-129



MAT 5986

Charged Particle
293 Kelvin Cross Sections

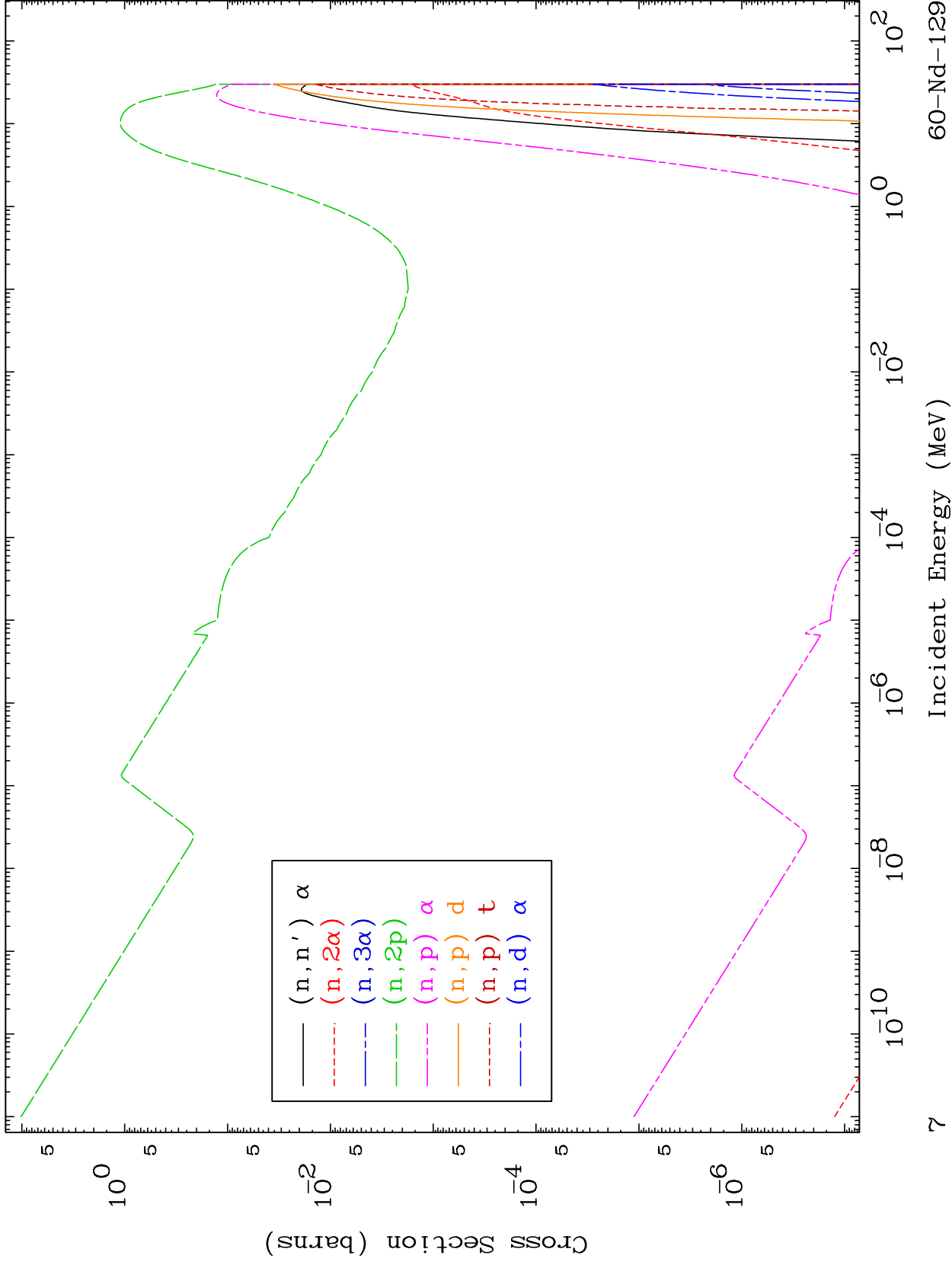
60-Nd-129



MAT 5986

Charged Particle
293 Kelvin Cross Sections

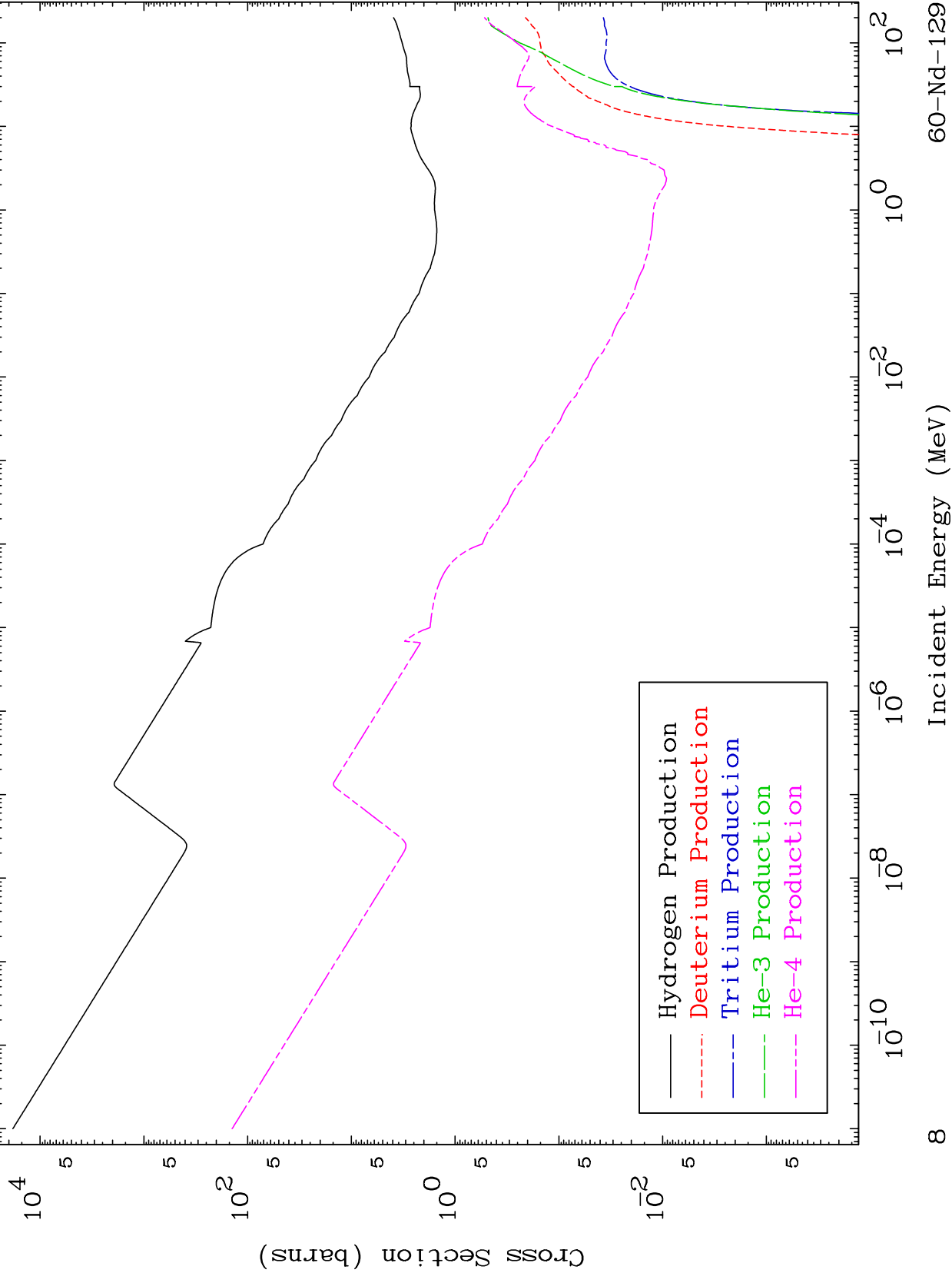
60-Nd-129



MAT 5986

Particle Production
293 Kelvin Cross Sections

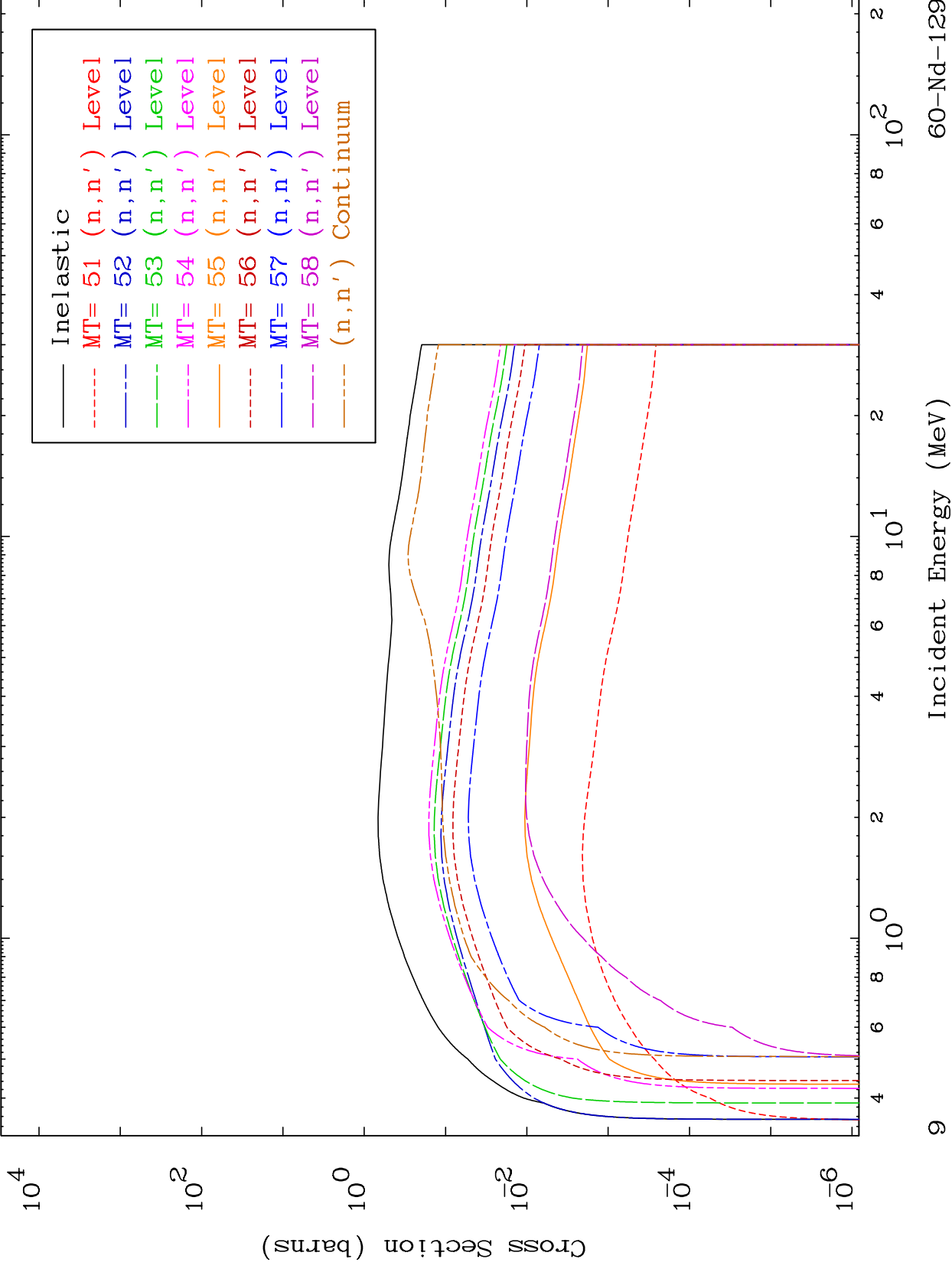
60-Nd-129



MAT 5986

(n,n') Levels
293 Kelvin Cross Sections

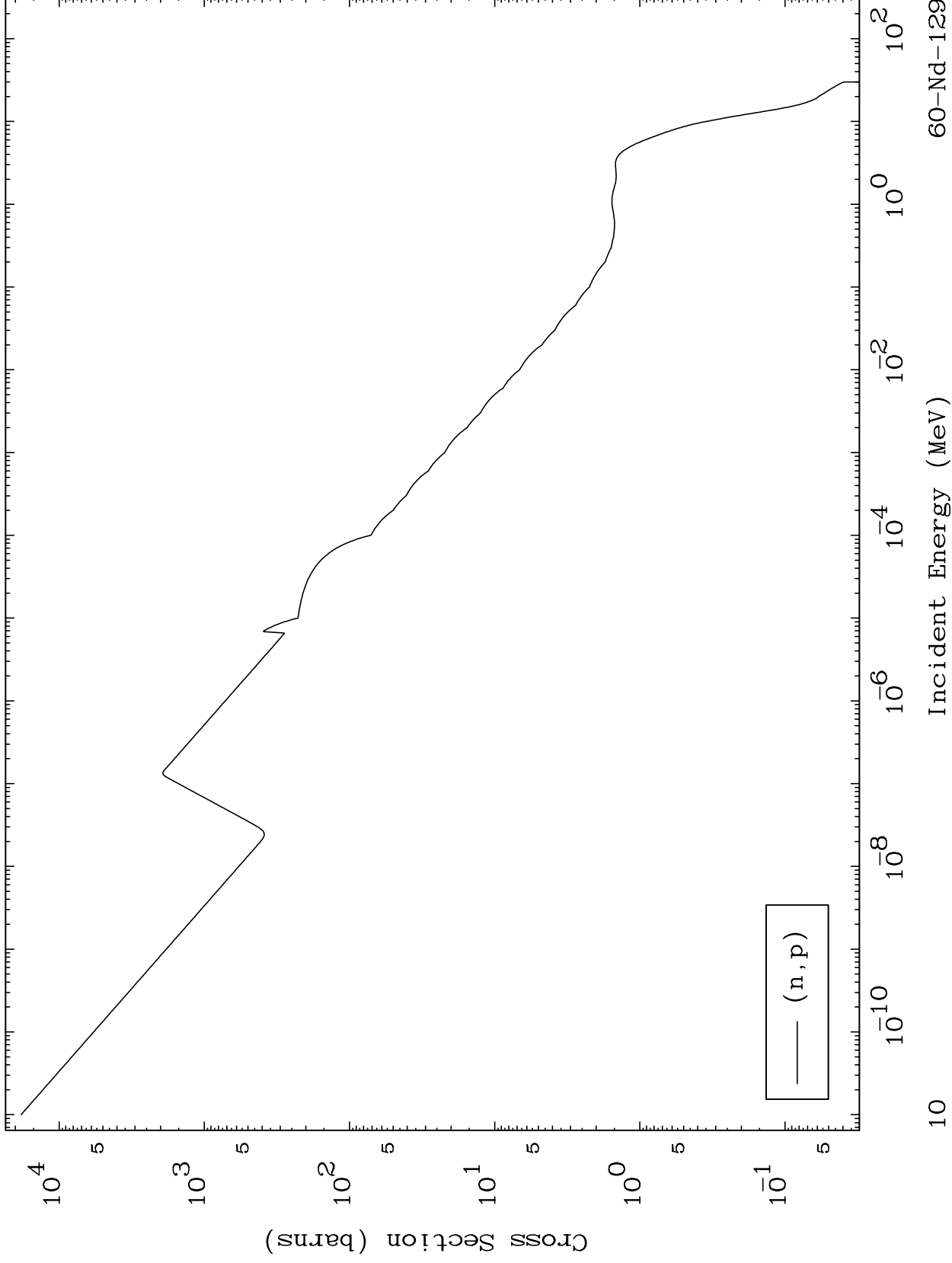
60-Nd-129



MAT 5986

(n,p) Levels
293 Kelvin Cross Sections

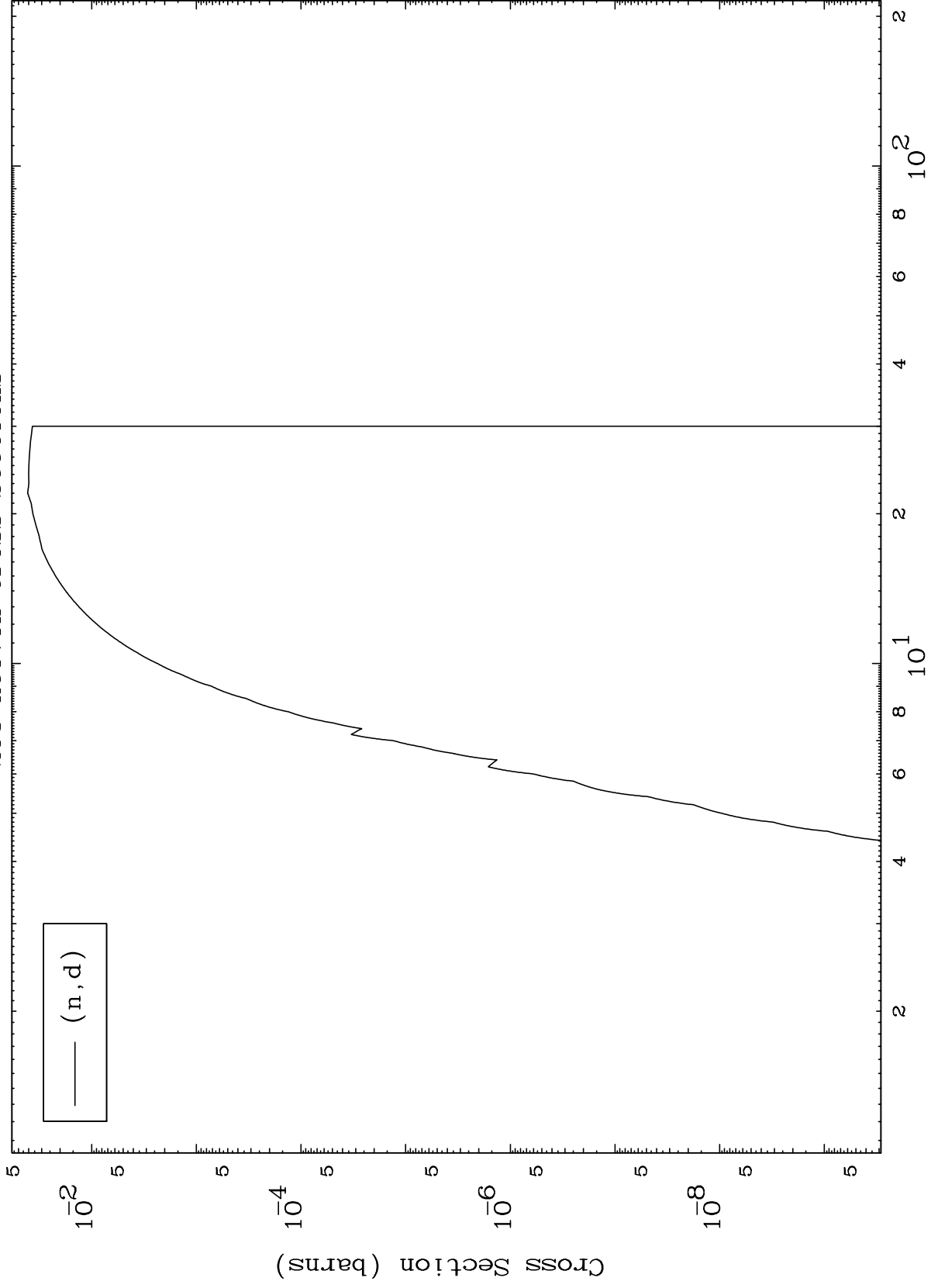
60-Nd-129



MAT 5986

(n,d) Levels
293 Kelvin Cross Sections

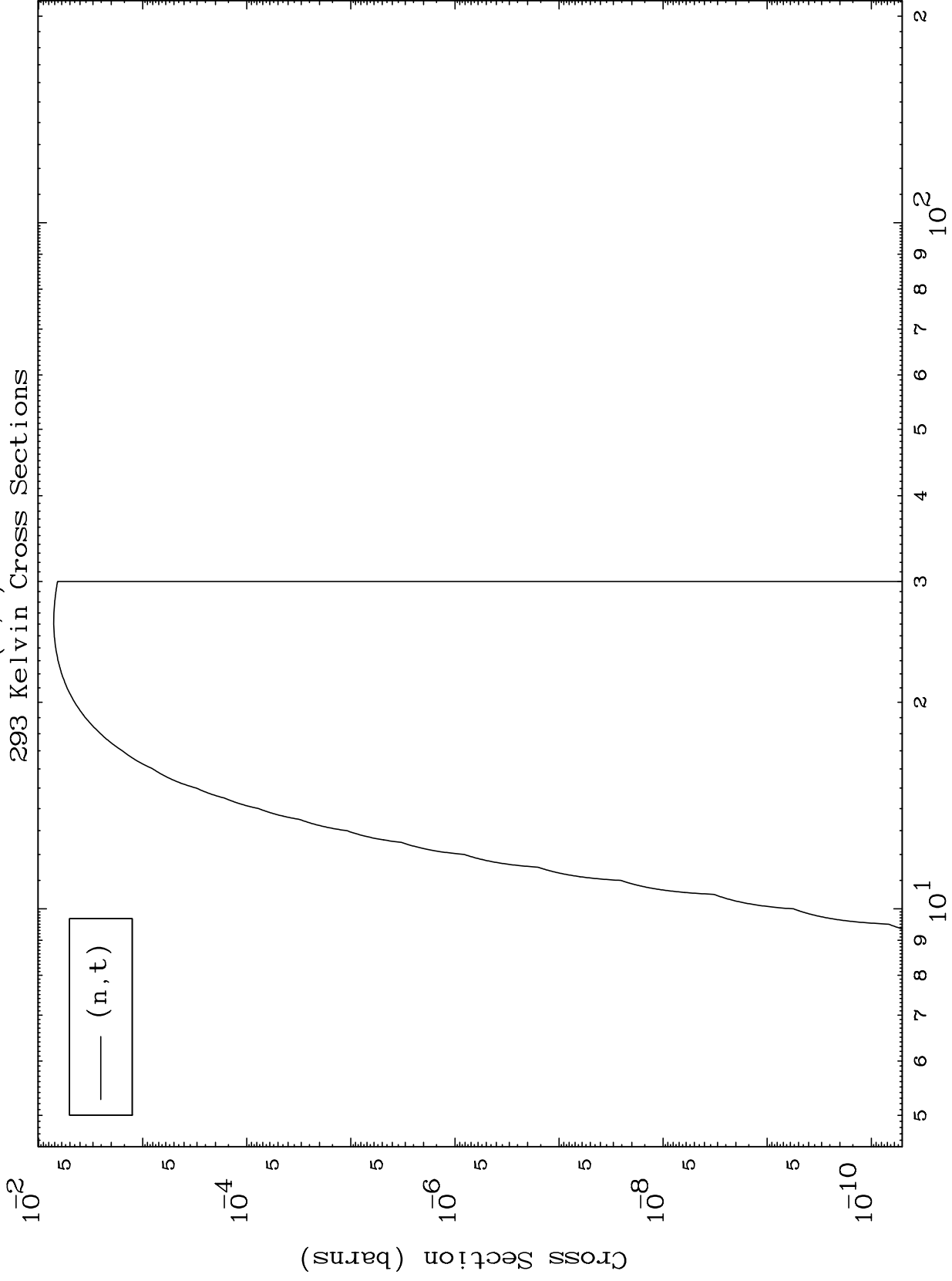
60-Nd-129



MAT 5986

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-129



12

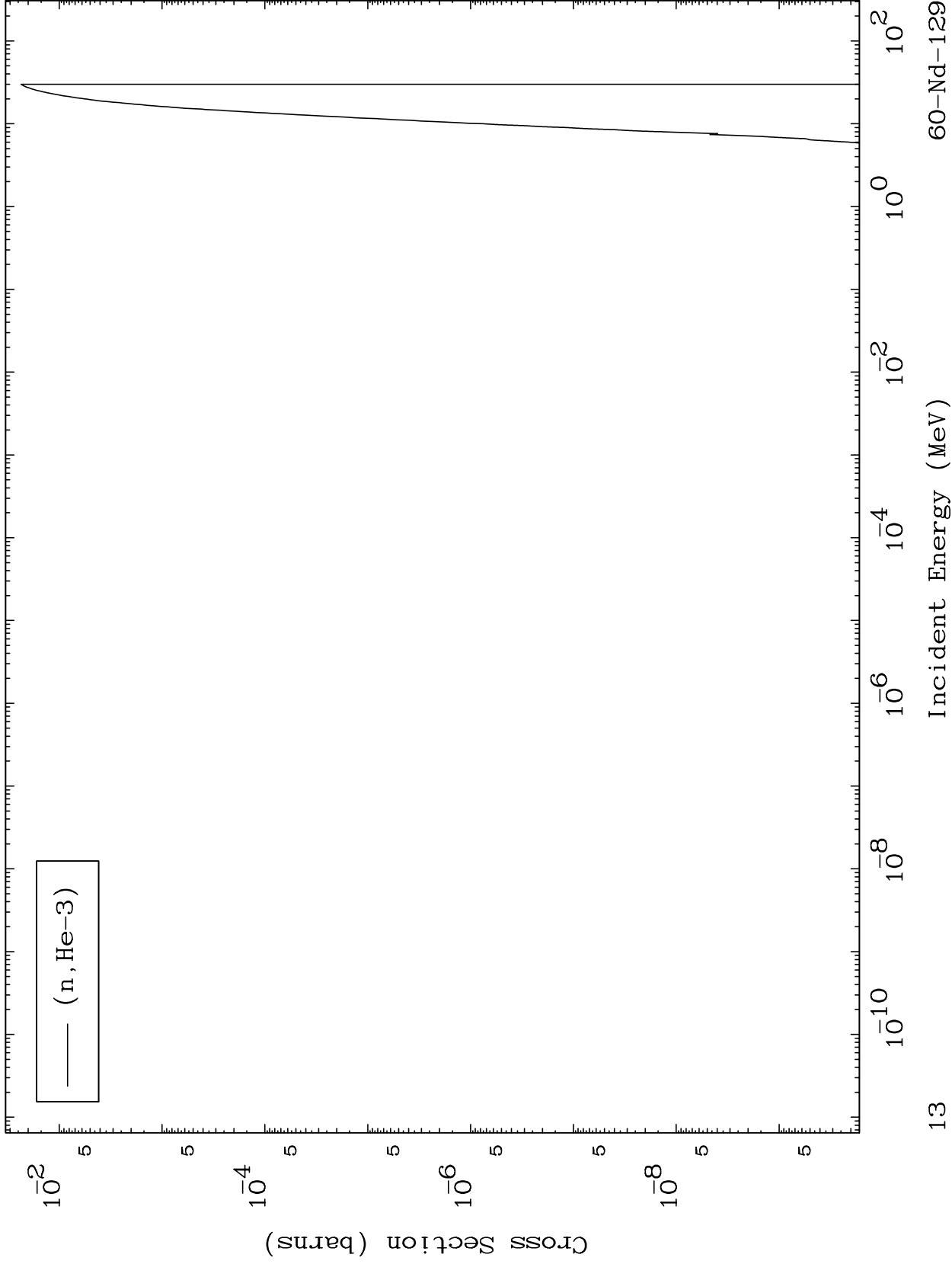
Incident Energy (MeV)

60-Nd-129

MAT 5986

(n,He3) Levels
293 Kelvin Cross Sections

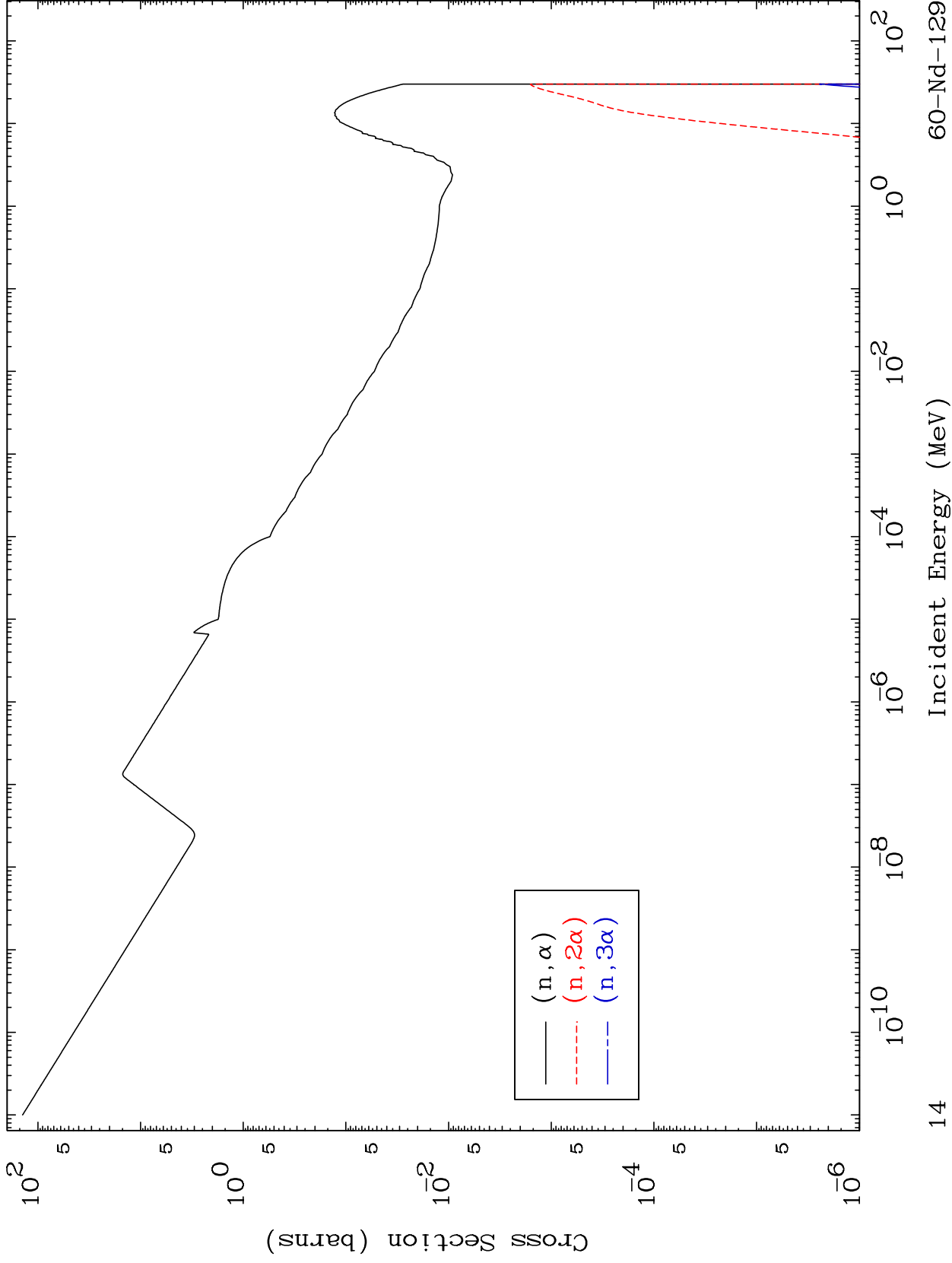
60-Nd-129



MAT 5986

(n, α) Levels
293 Kelvin Cross Sections

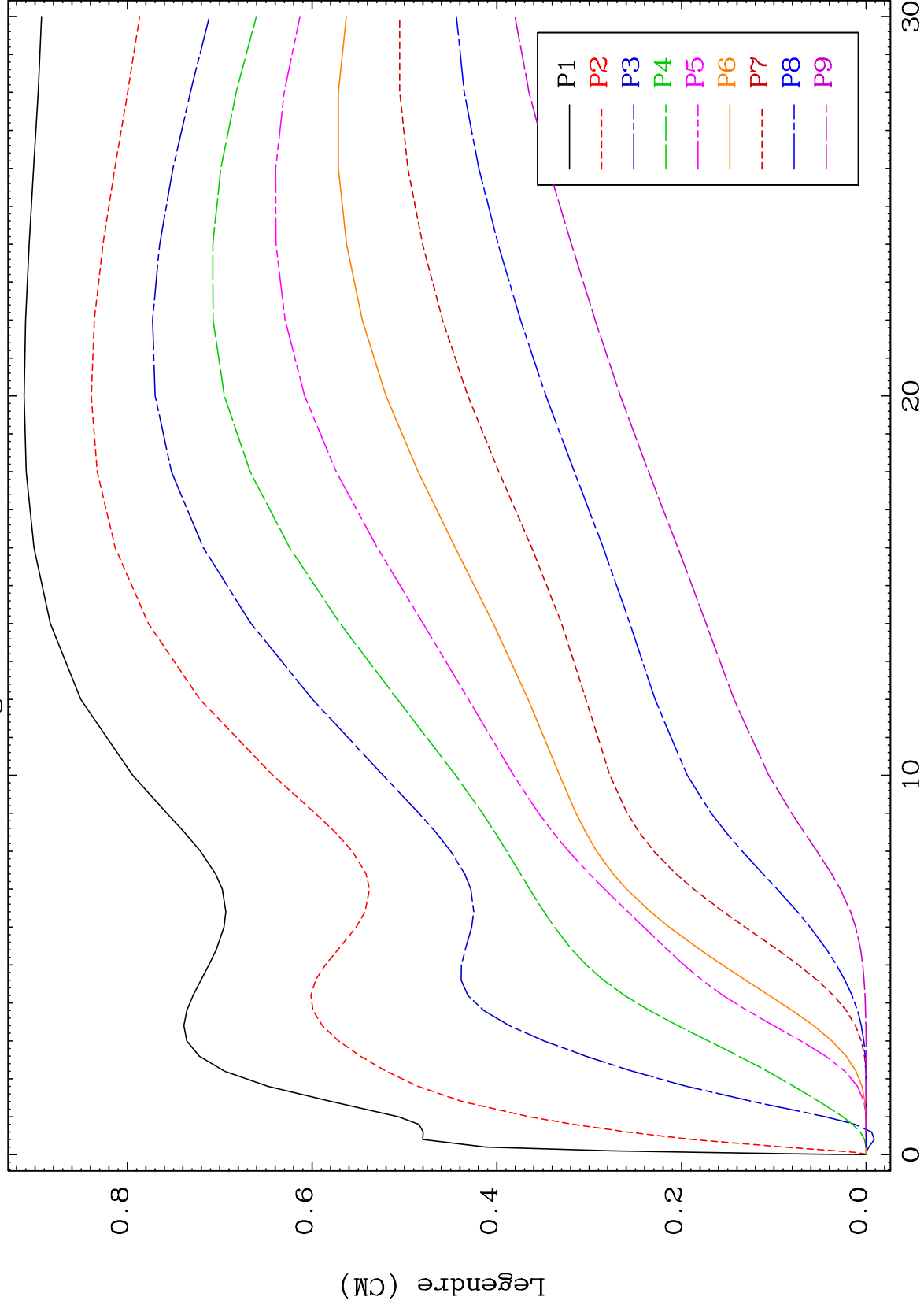
60-Nd-129



MAT 5986

Elastic Legendre Coefficients

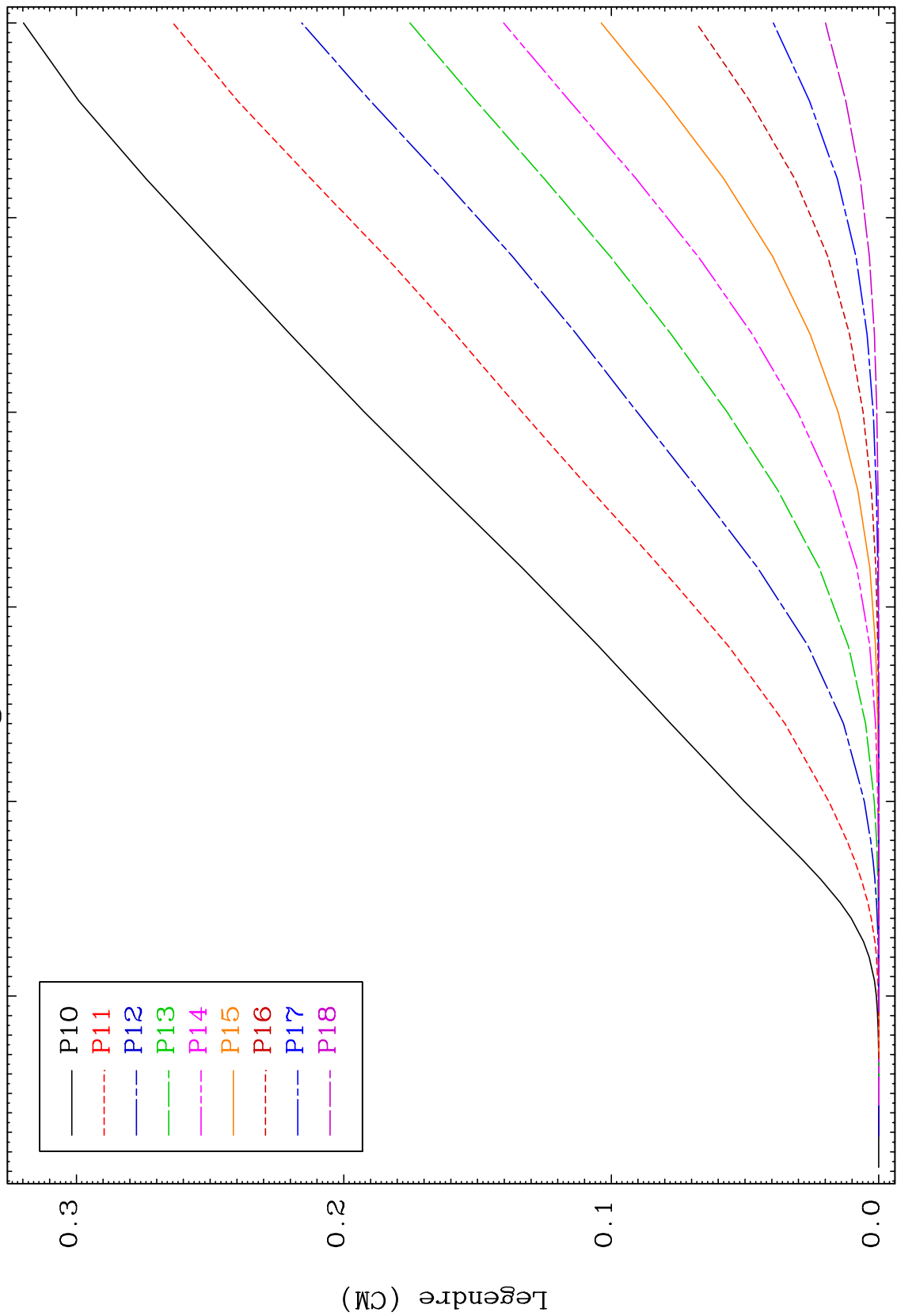
$^{60}\text{Nd-129}$



MAT 5986

Elastic Legendre Coefficients

⁶⁰Nd-129



16

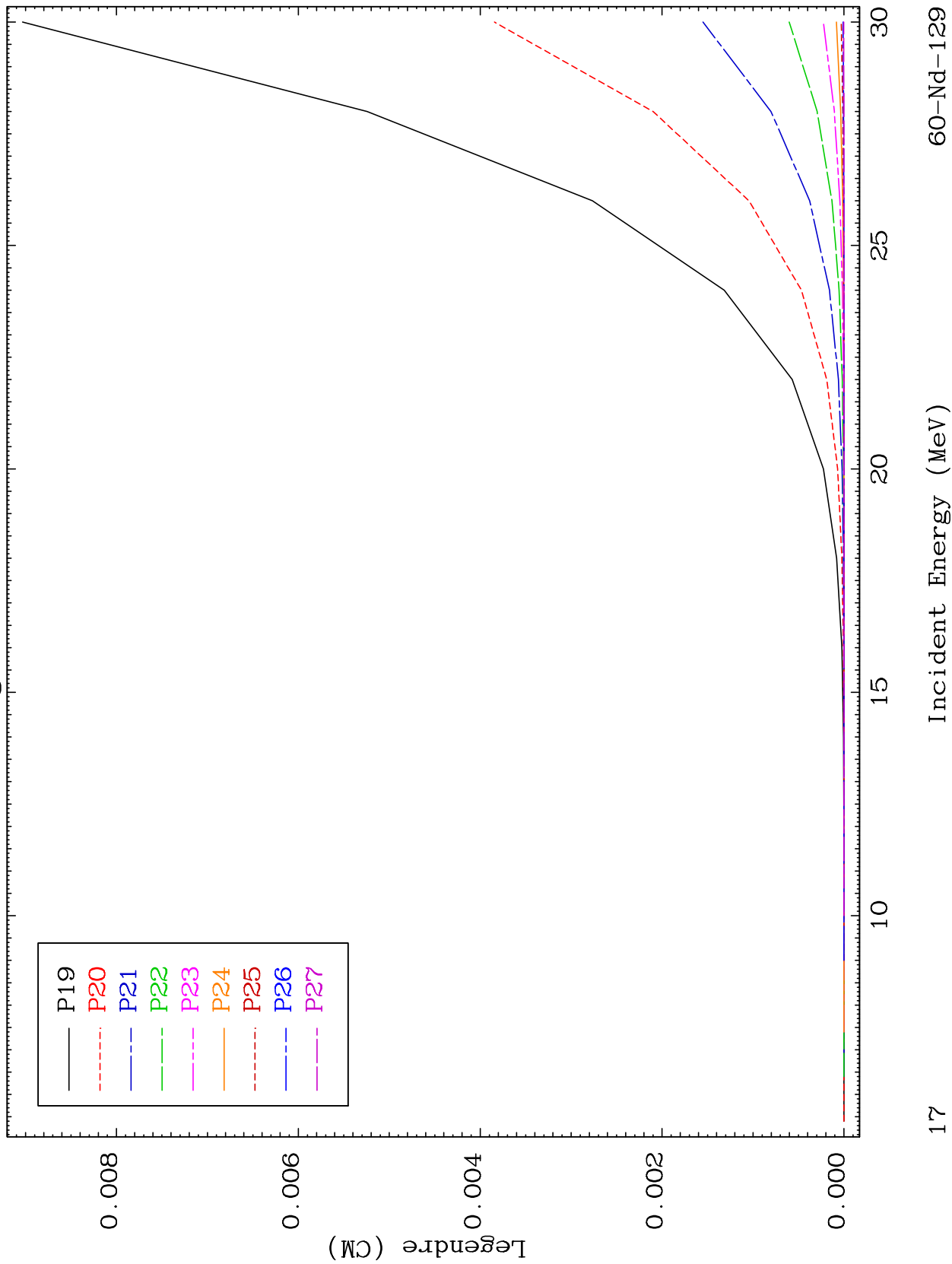
Incident Energy (MeV)

⁶⁰Nd-129

MAT 5986

Elastic Legendre Coefficients

60-Nd-129



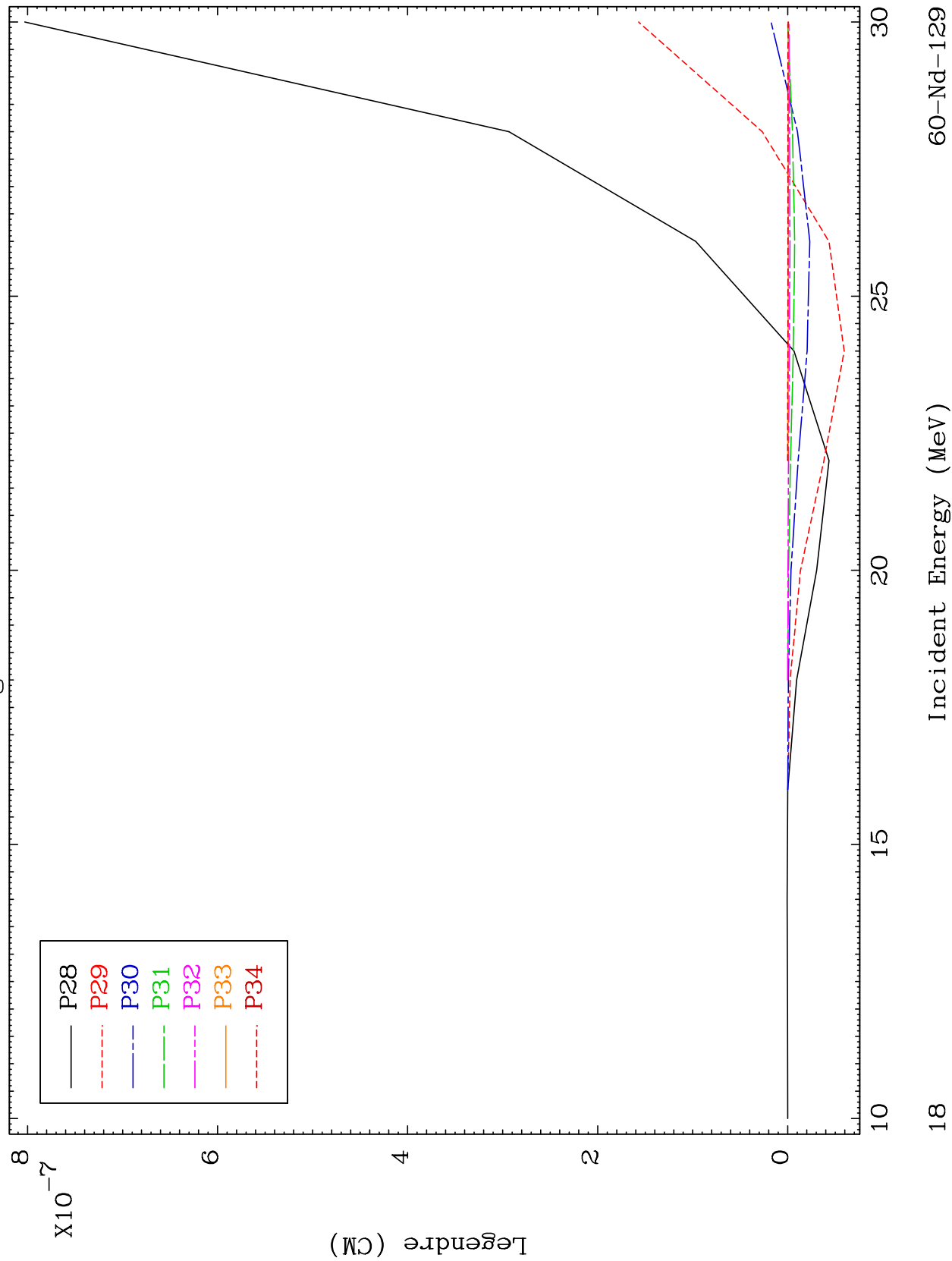
17

60-Nd-129

MAT 5986

Elastic Legendre Coefficients

60-Nd-129



18

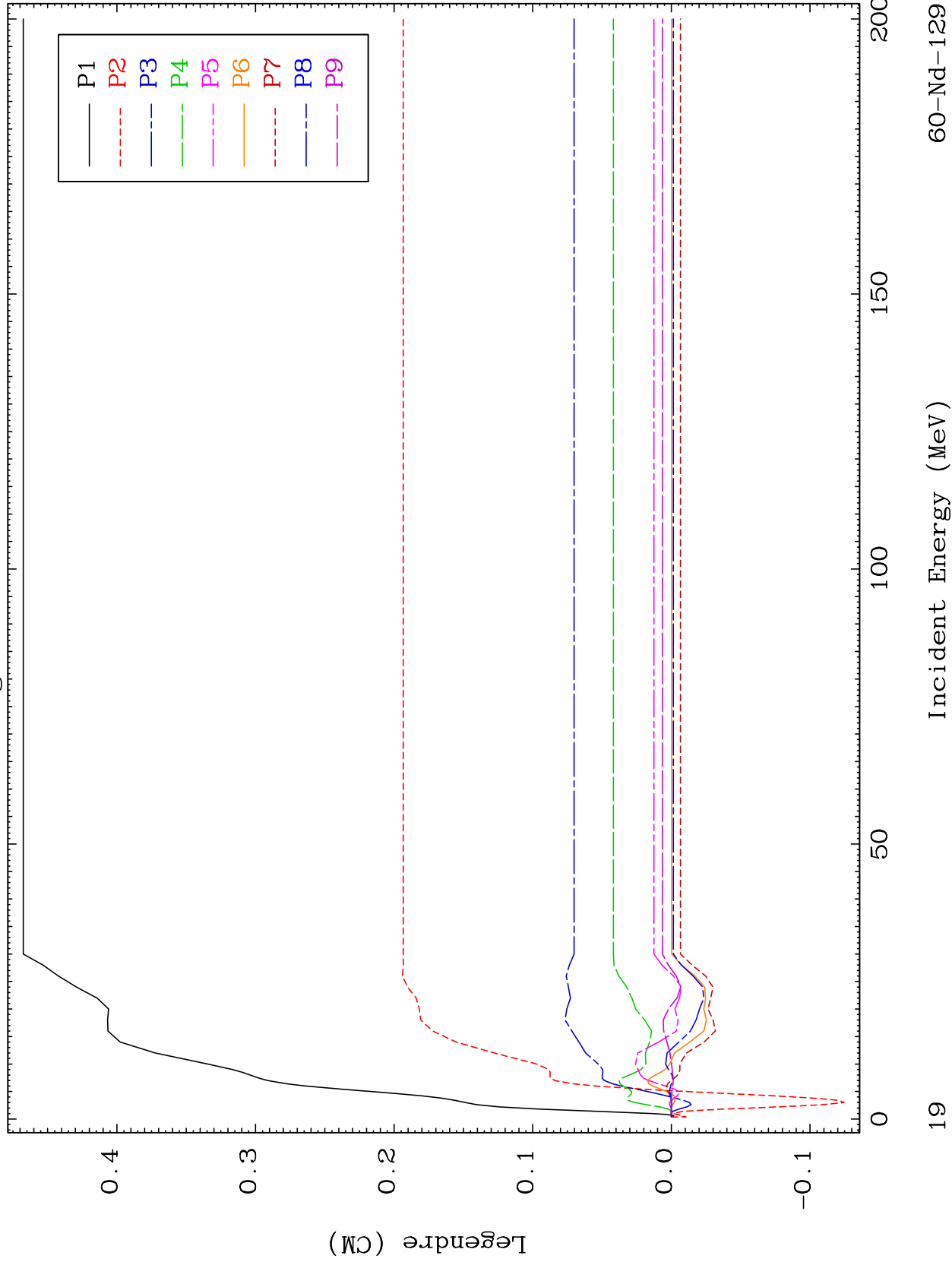
Incident Energy (MeV)

60-Nd-129

MAT 5986

MT= 51 (n,n') Level
Legendre Coefficients

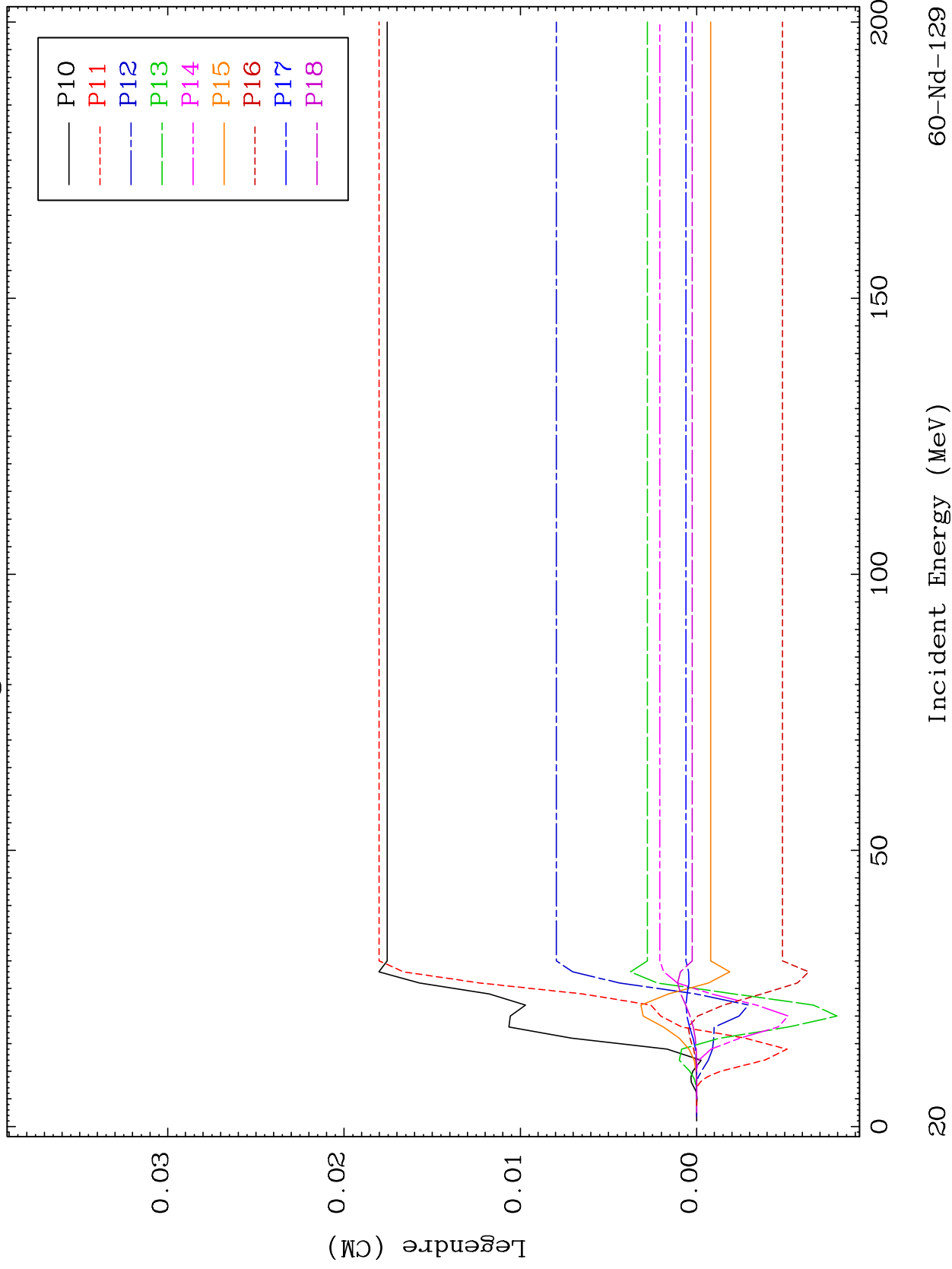
60-Nd-129



MAT 5986

MT= 51 (n,n') Level
Legendre Coefficients

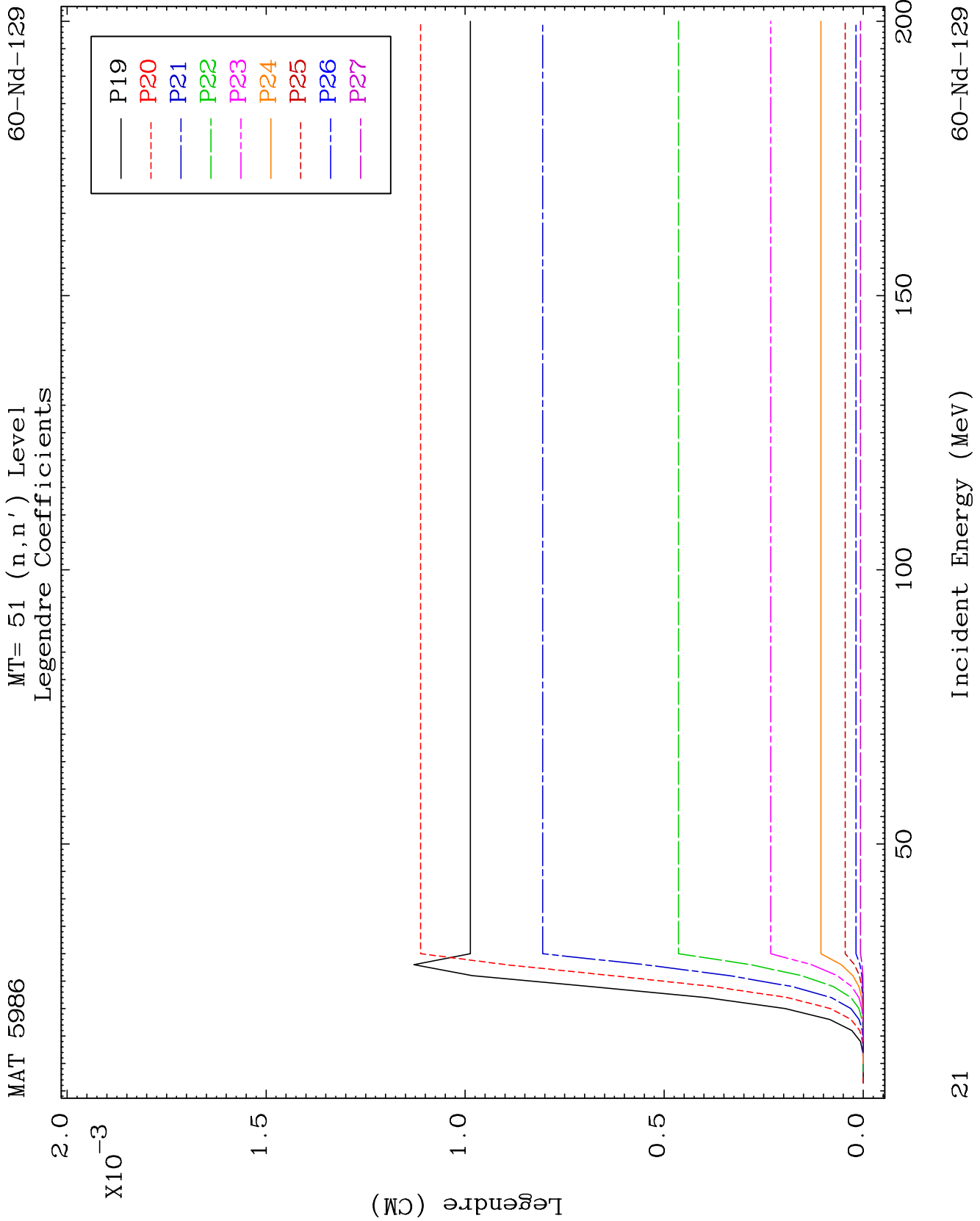
60-Nd-129



60-Nd-129

Incident Energy (MeV)

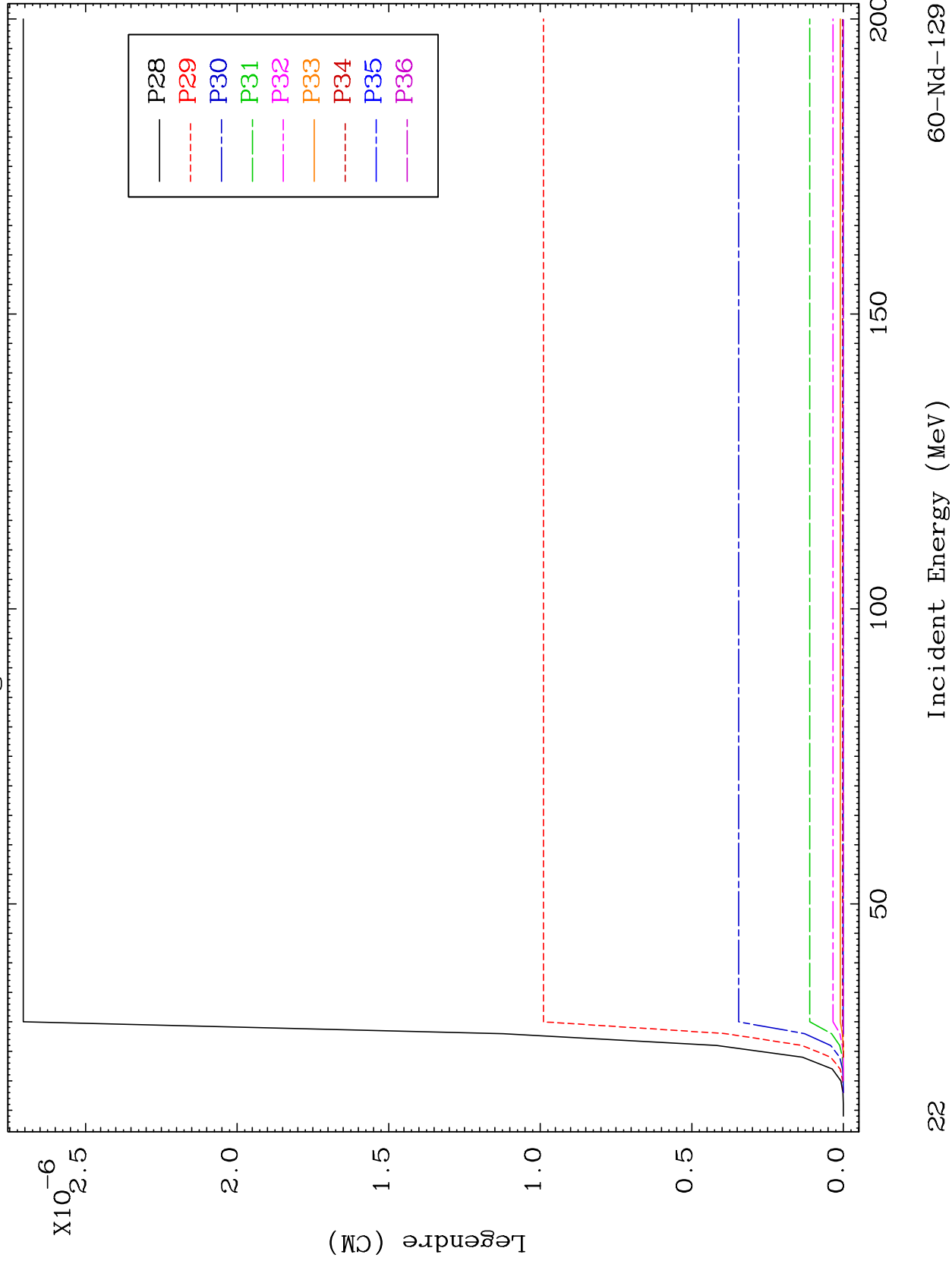
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MAT 5986

MT= 51 (n,n') Level
Legendre Coefficients

60-Nd-129

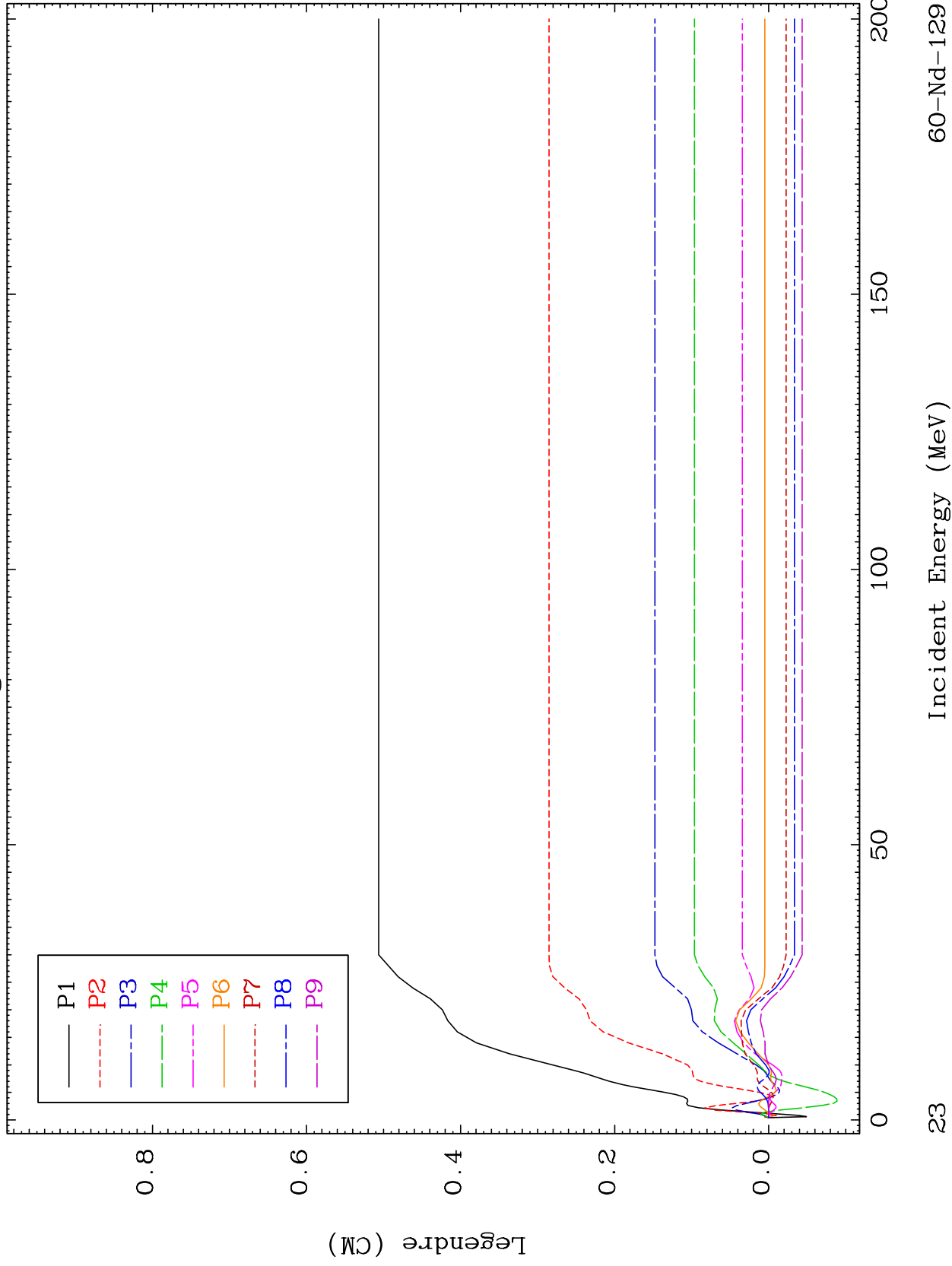


22

MAT 5986

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

60-Nd-129



60-Nd-129

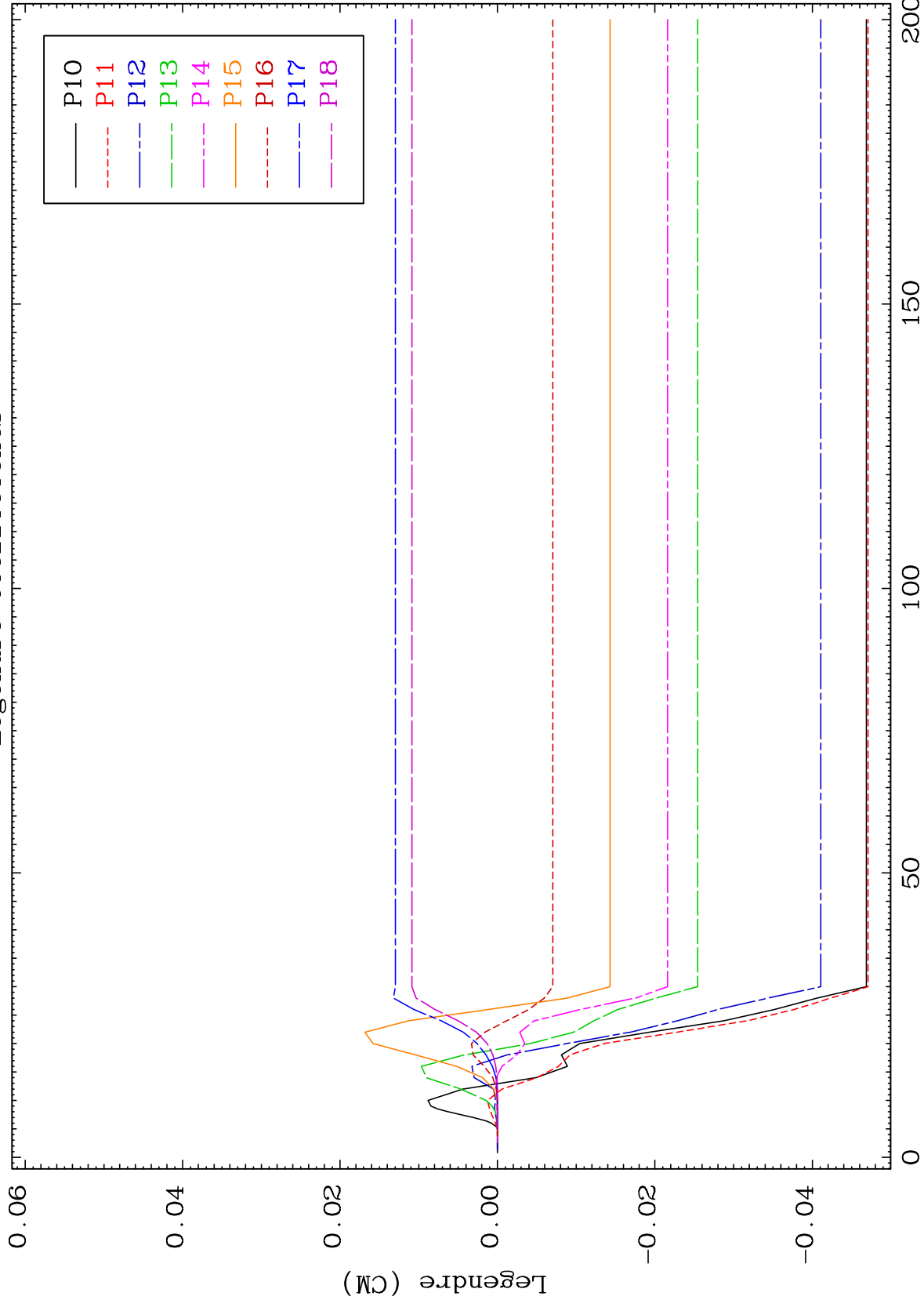
Incident Energy (MeV)

23

MAT 5986

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

60-Nd-129



24

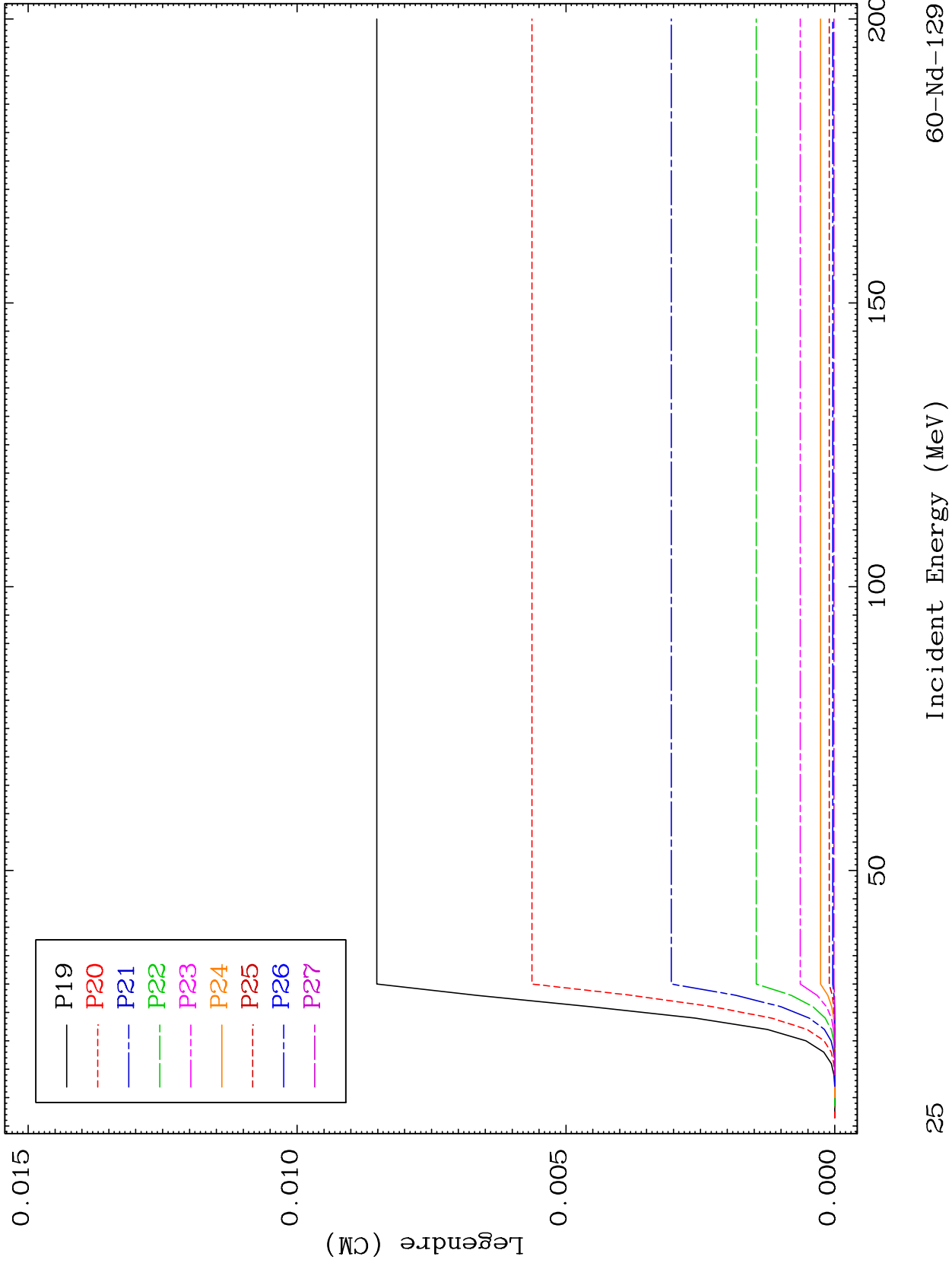
Incident Energy (MeV)

60-Nd-129

MAT 5986

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

60-Nd-129



25

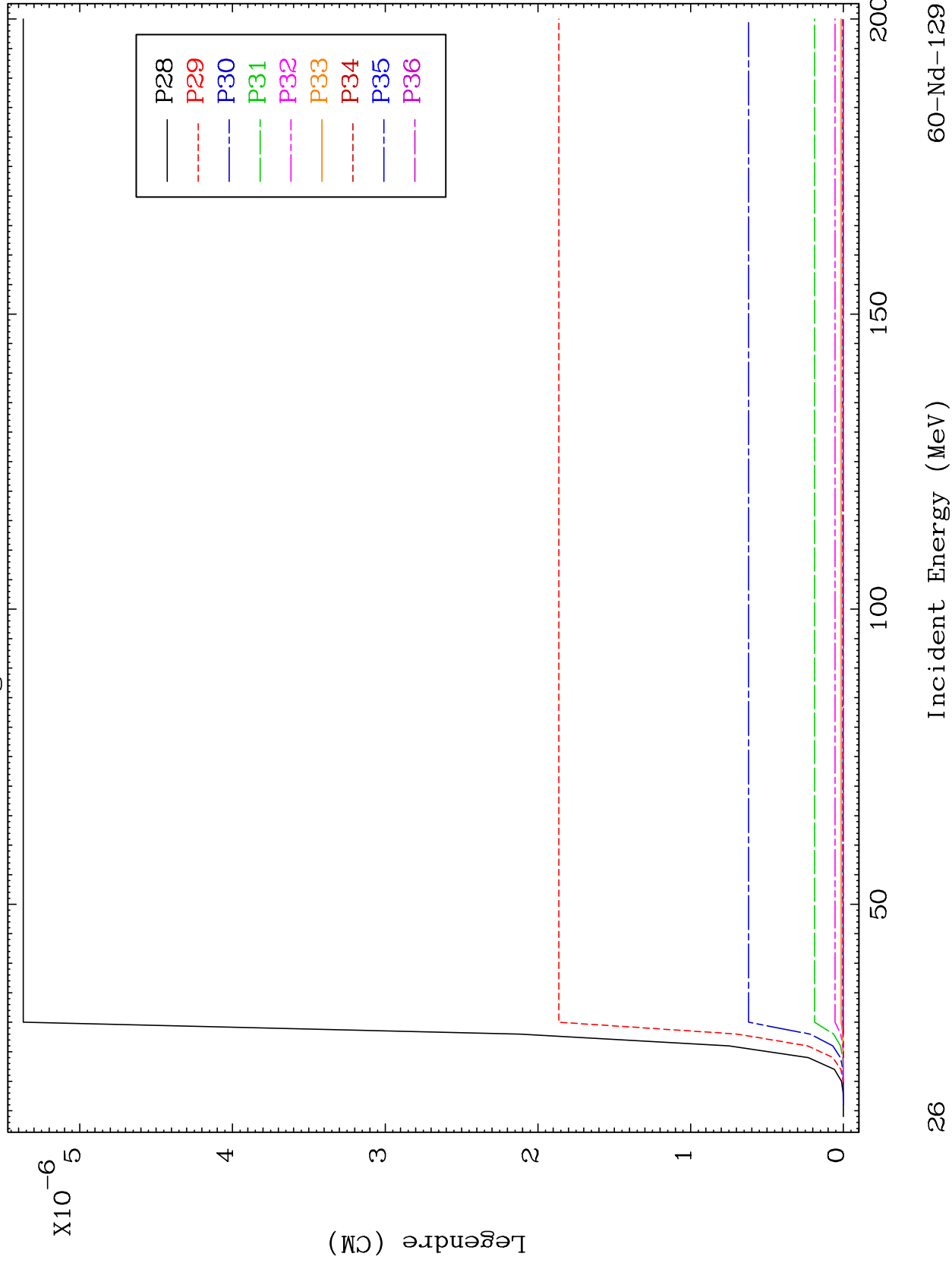
Incident Energy (MeV)

60-Nd-129

MAT 5986

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

60-Nd-129



26

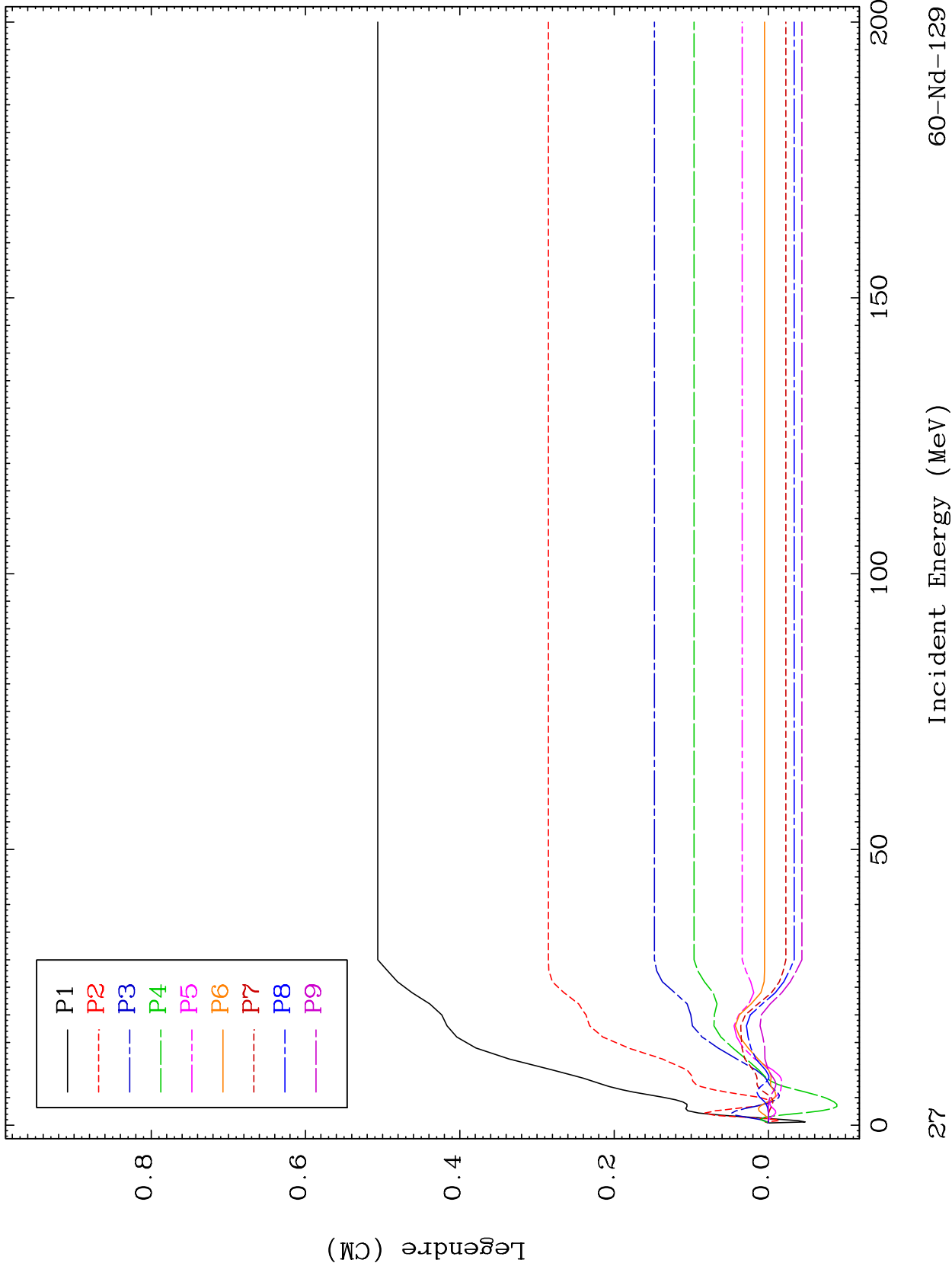
Incident Energy (MeV)

60-Nd-129

MAT 5986

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

60-Nd-129



27

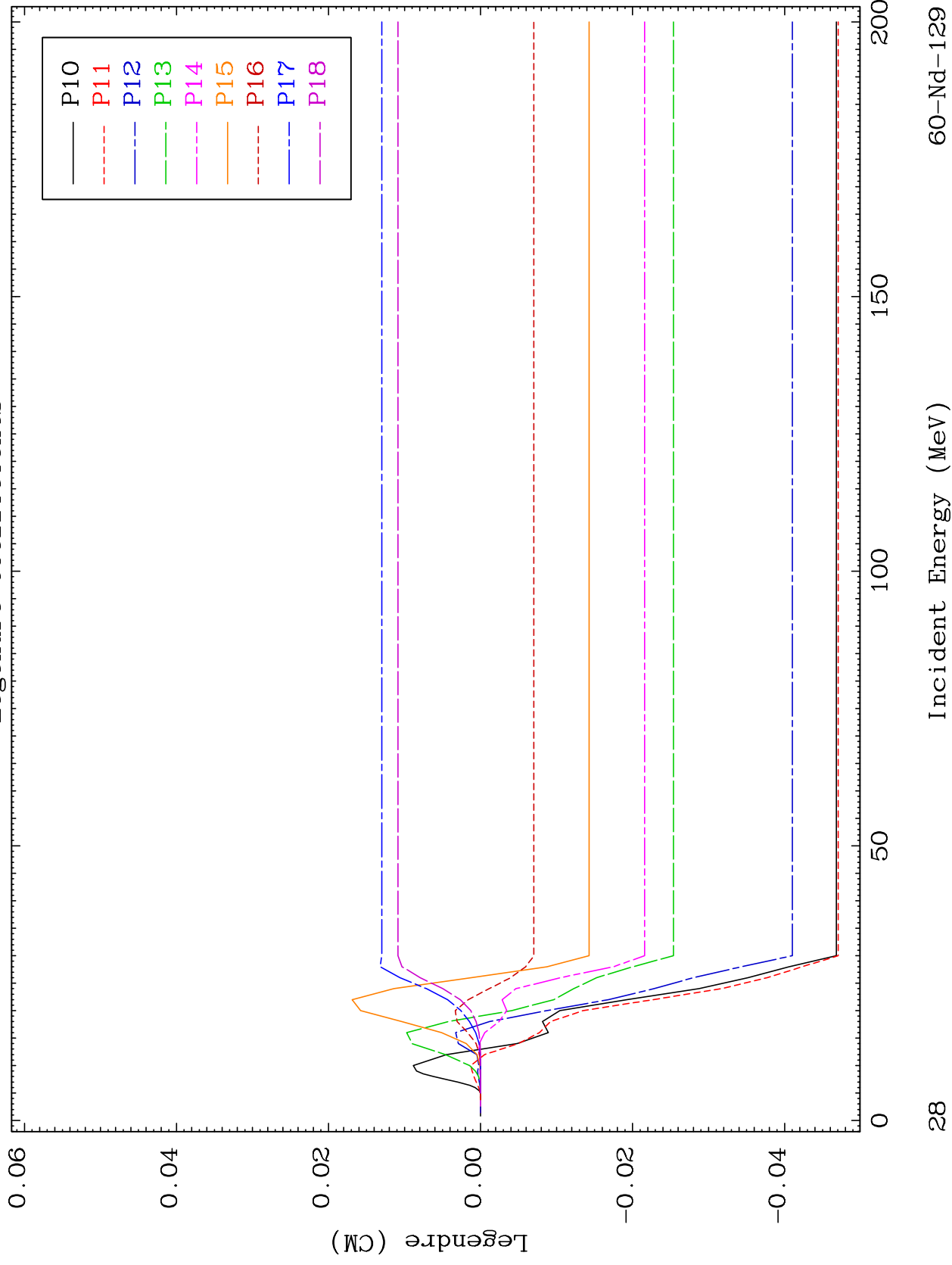
Incident Energy (MeV)

60-Nd-129

MAT 5986

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

60-Nd-129



60-Nd-129

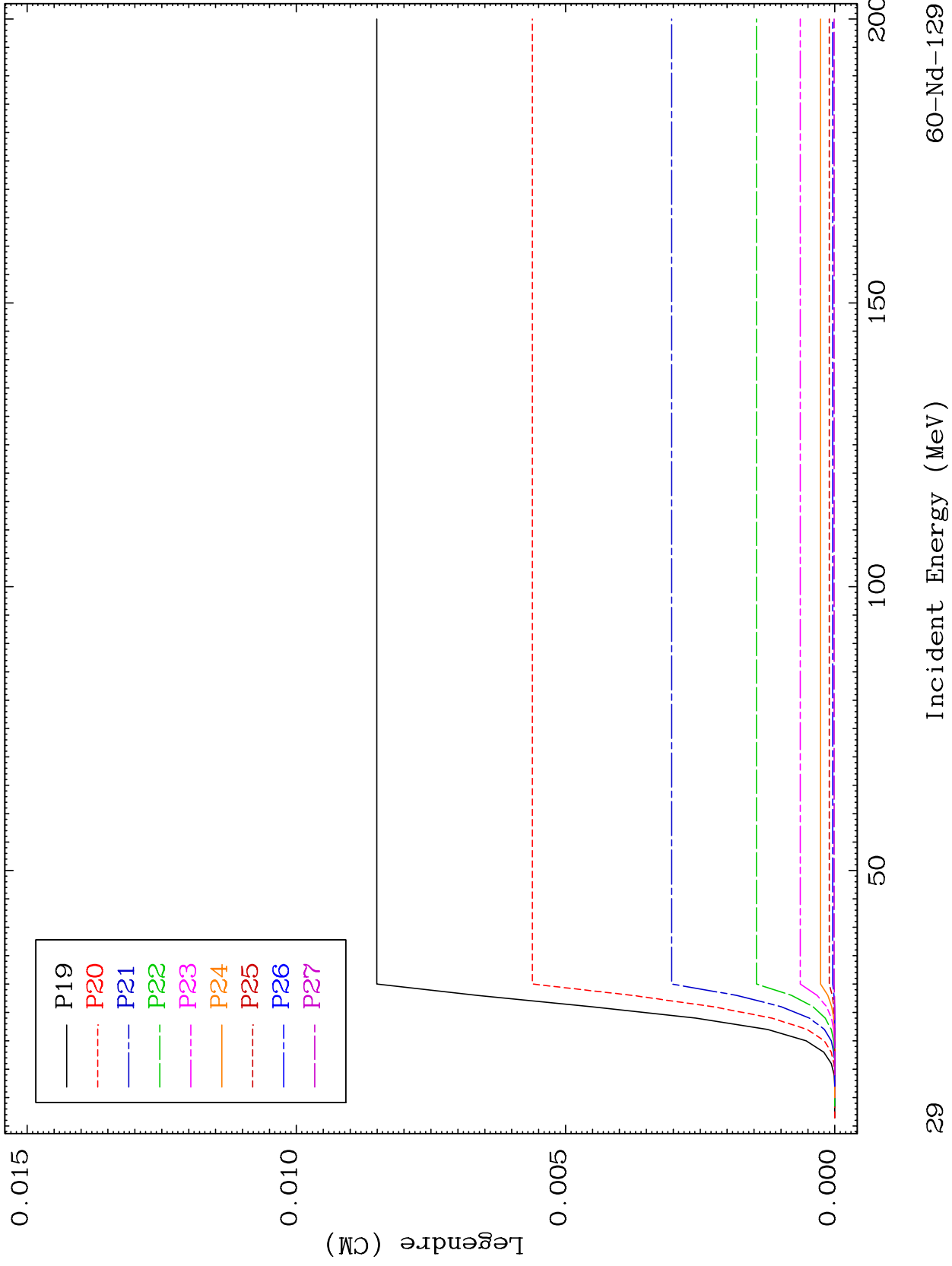
Incident Energy (MeV)

28

MAT 5986

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

60-Nd-129



29

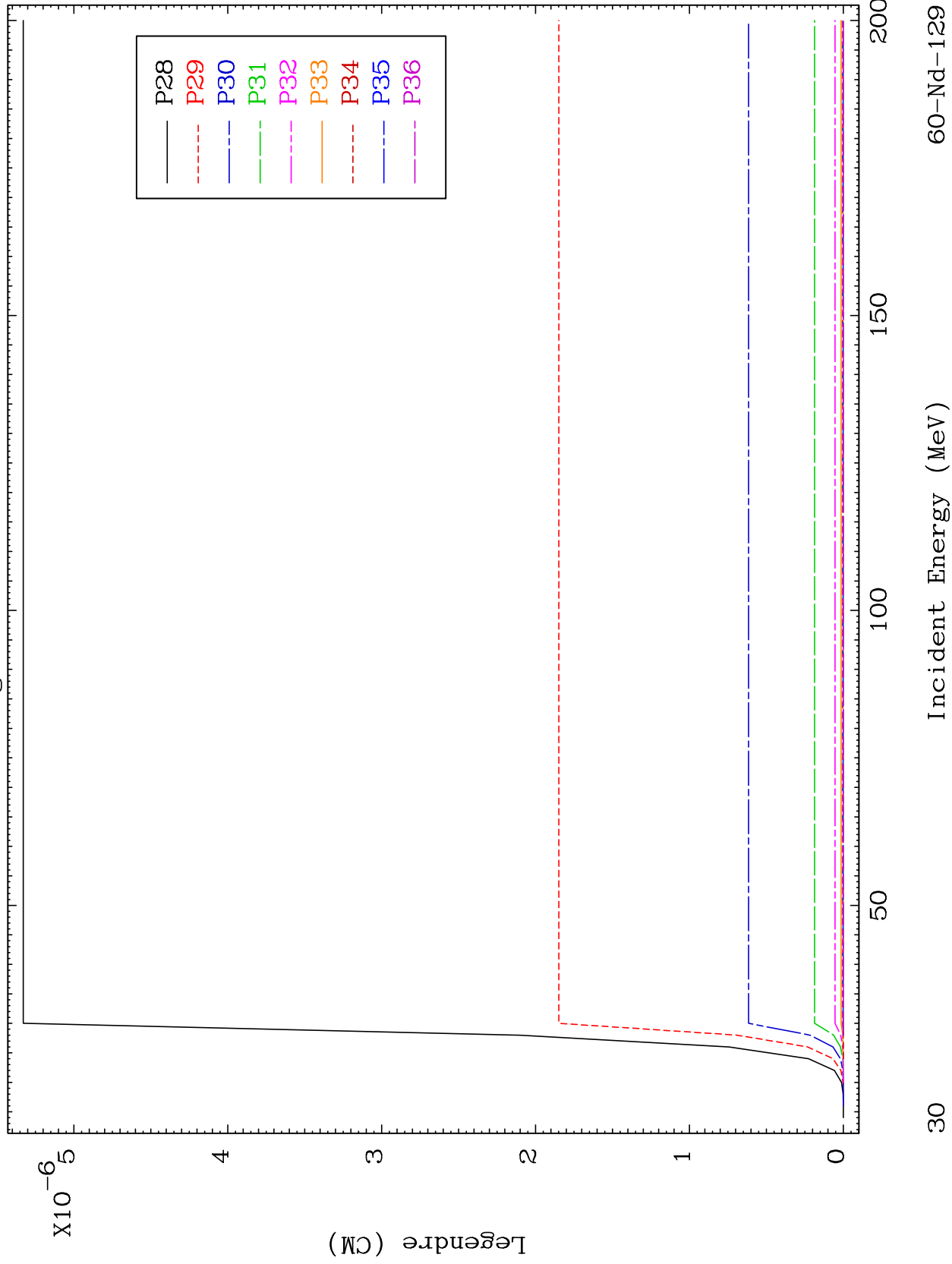
Incident Energy (MeV)

60-Nd-129

MAT 5986

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

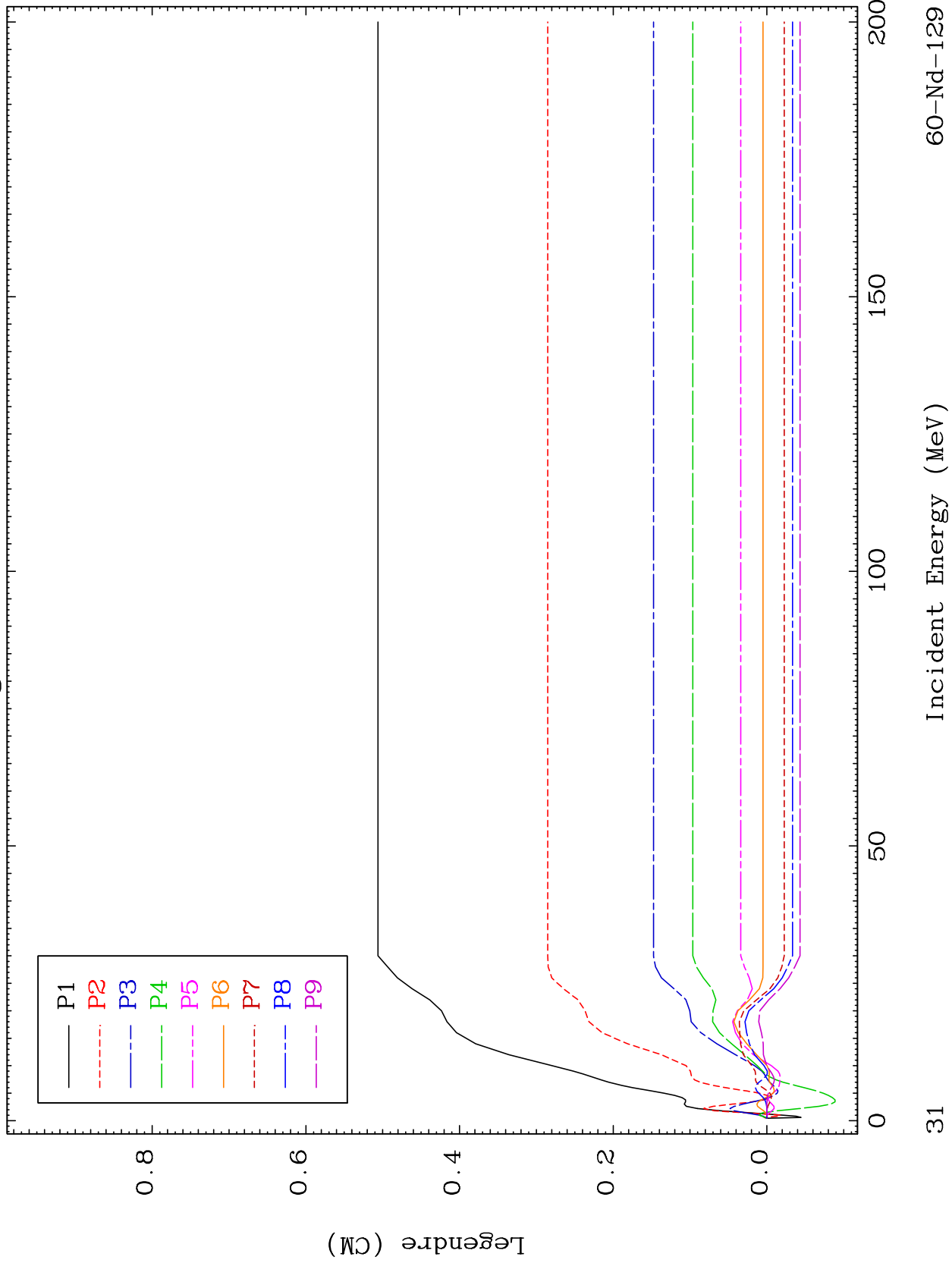
60-Nd-129



MAT 5986

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

60-Nd-129



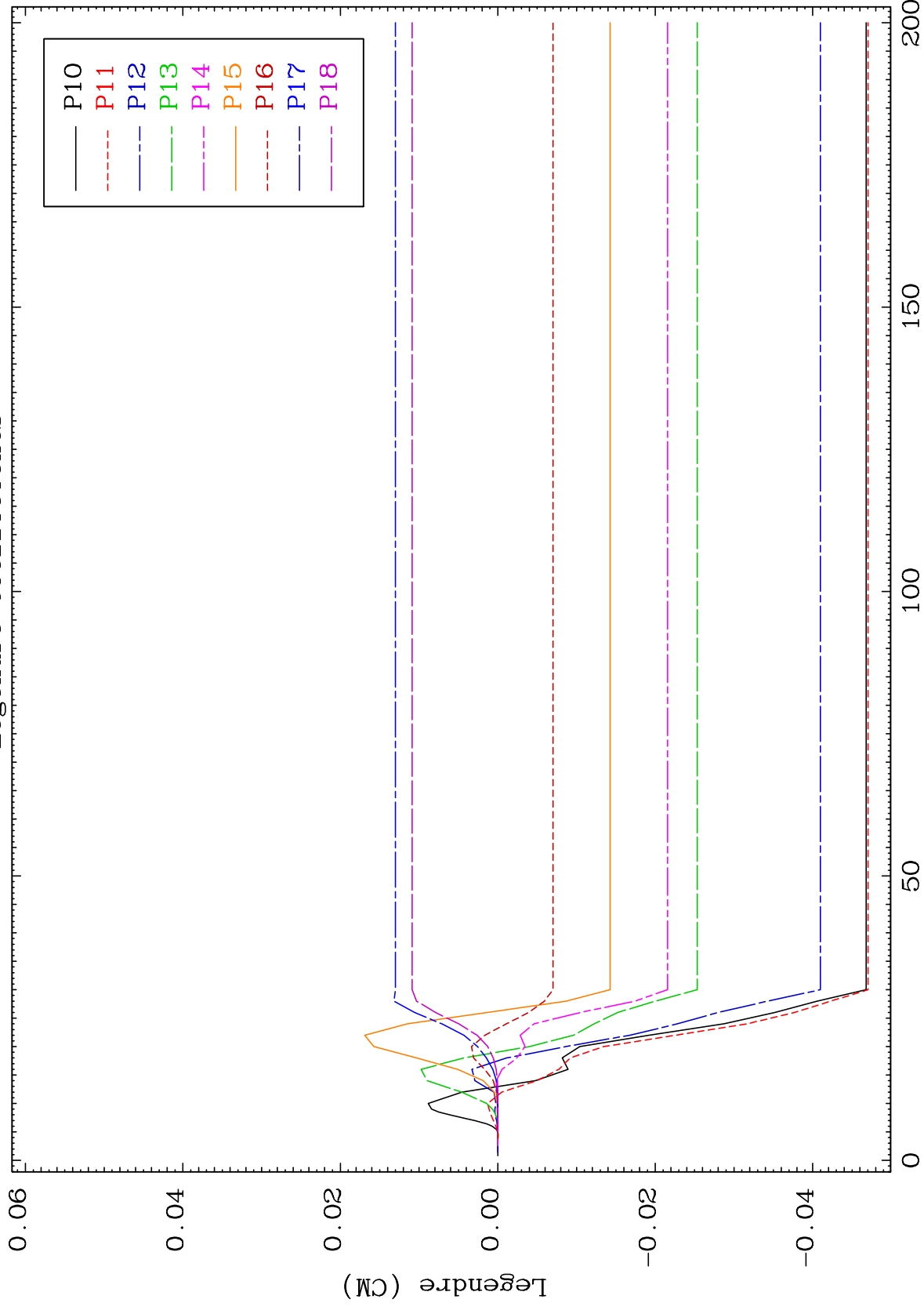
31

60-Nd-129

MAT 5986

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

60-Nd-129



32

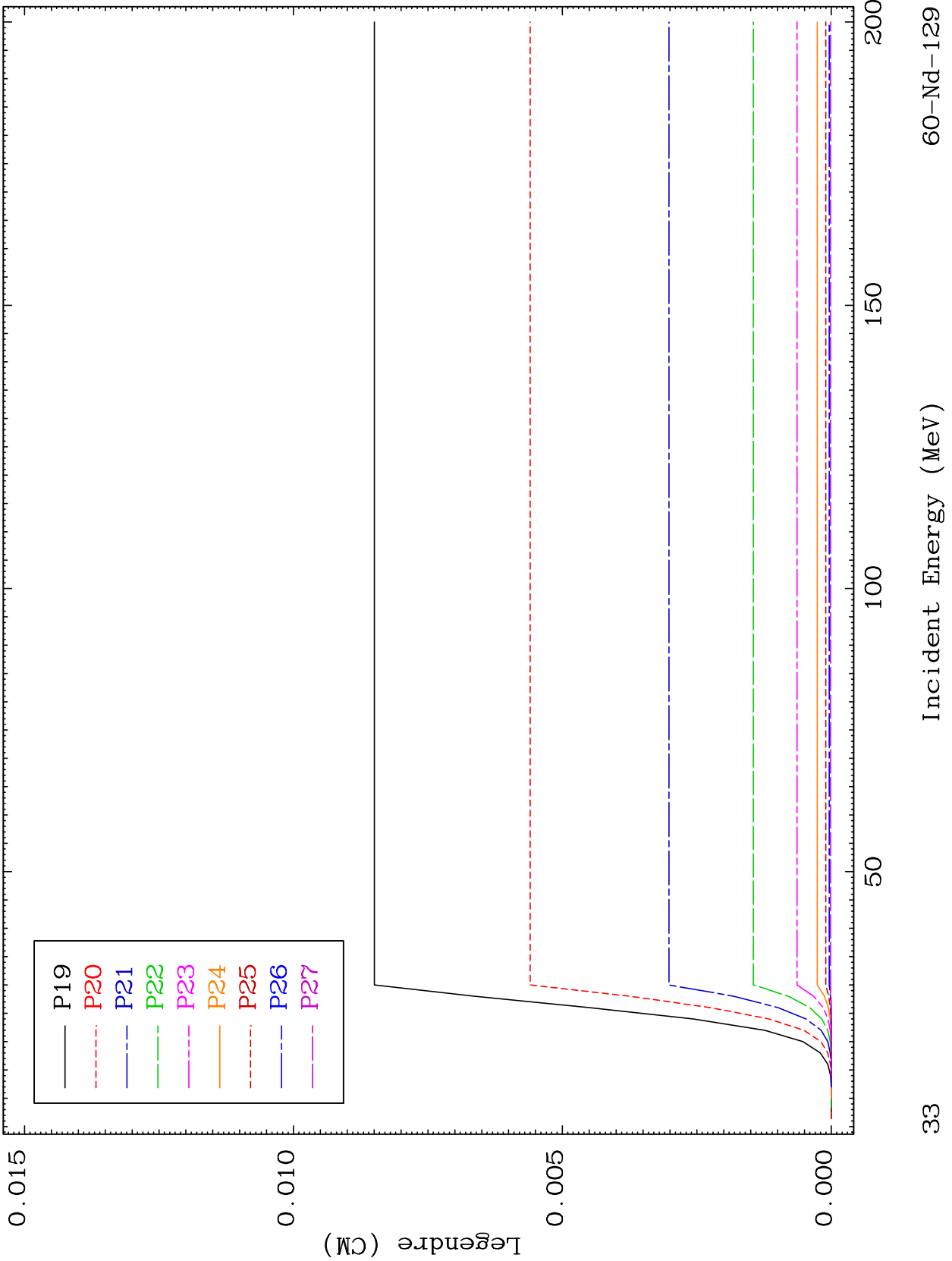
Incident Energy (MeV)

60-Nd-129

MAT 5986

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

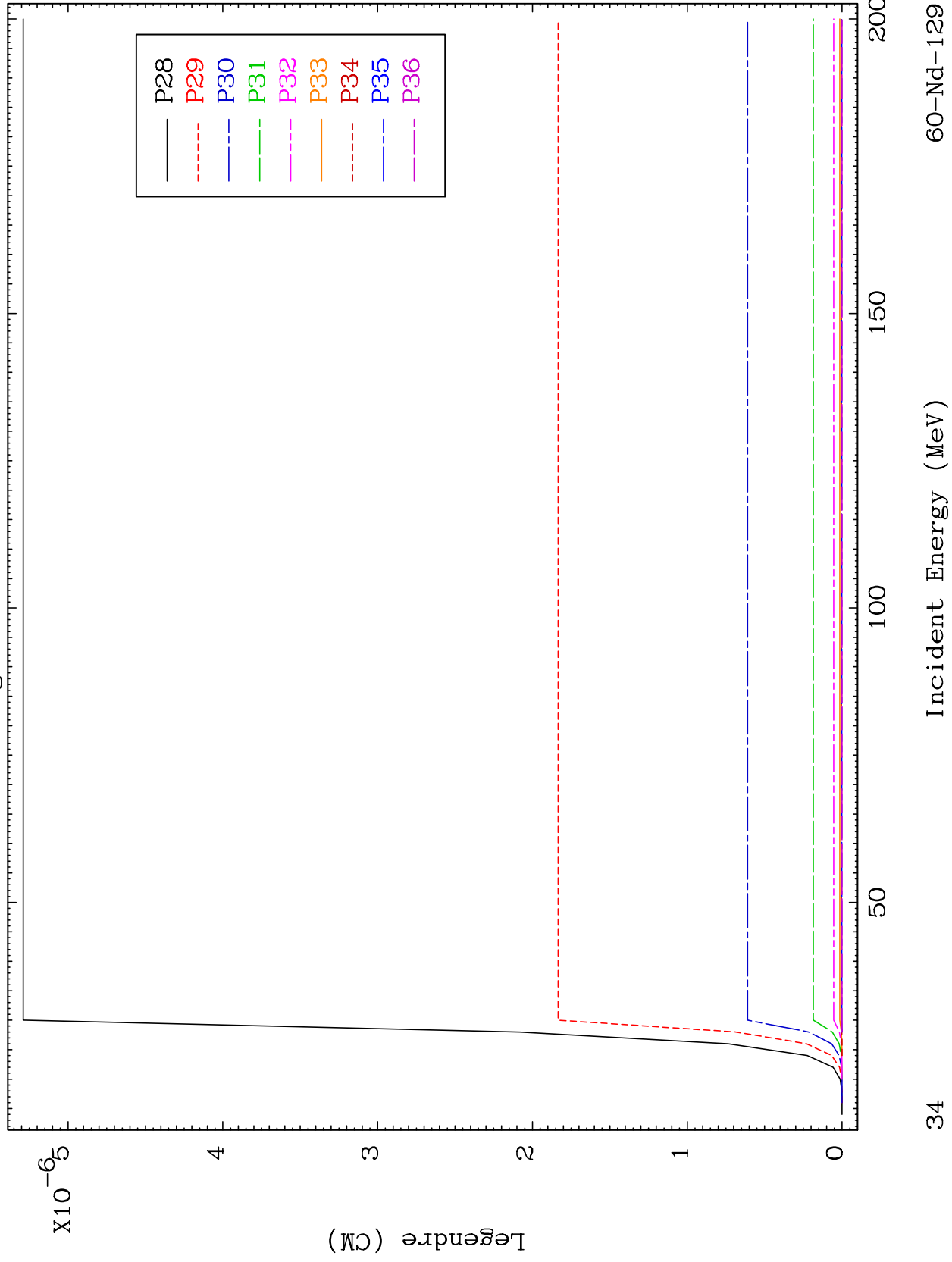
60-Nd-129



MAT 5986

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

60-Nd-129



34

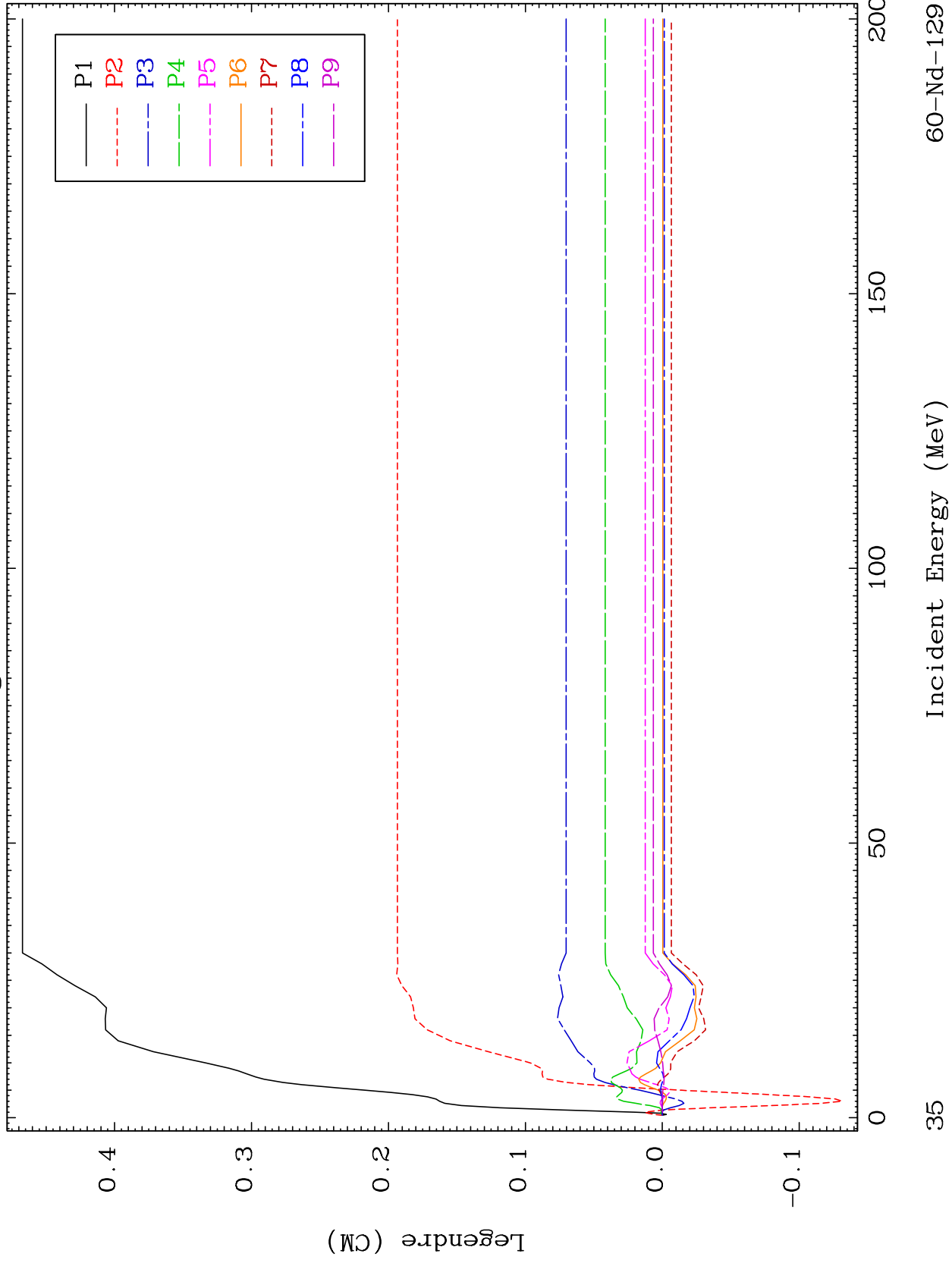
Incident Energy (MeV)

60-Nd-129

MAT 5986

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

60-Nd-129



60-Nd-129

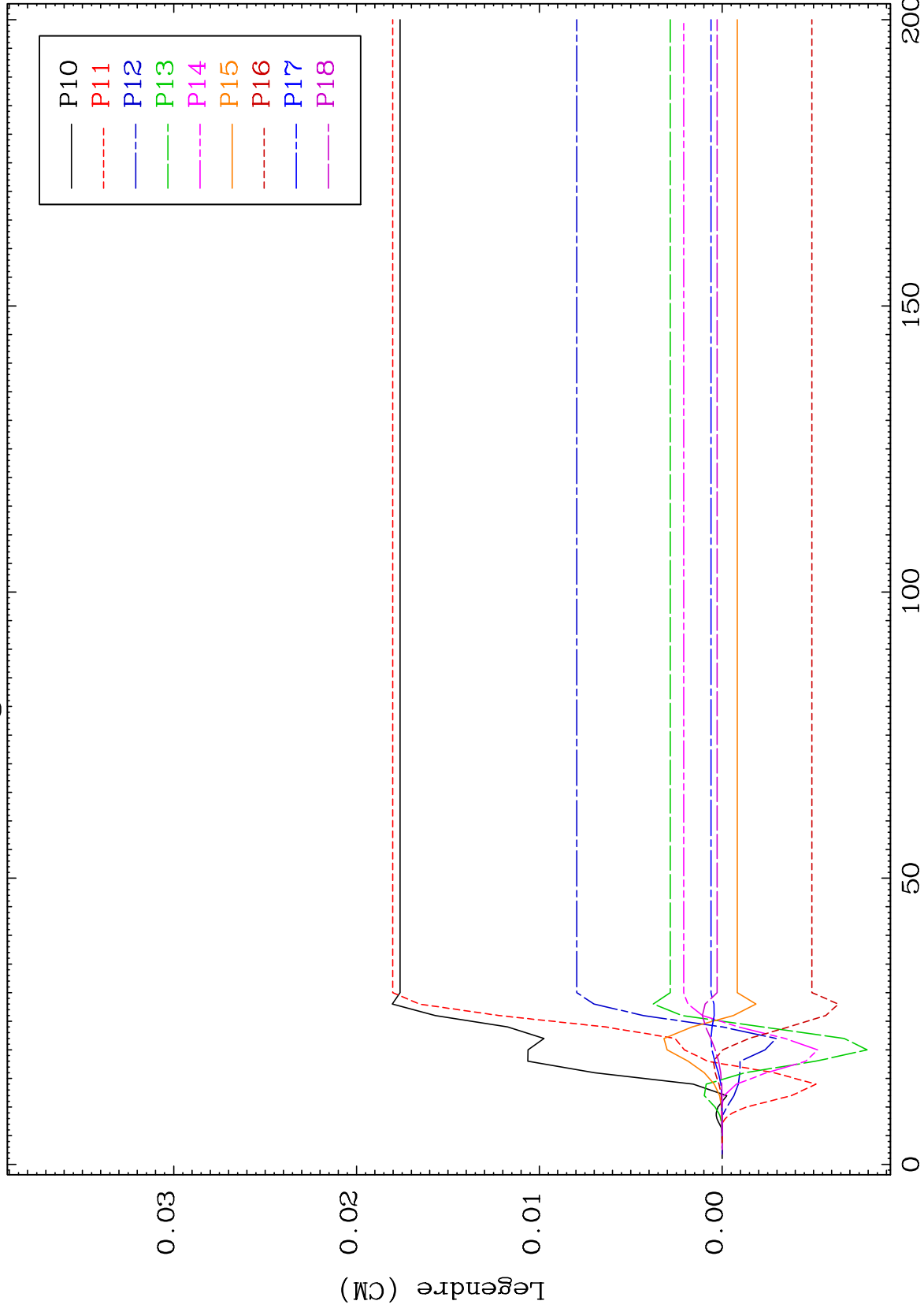
Incident Energy (MeV)

35

MAT 5986

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

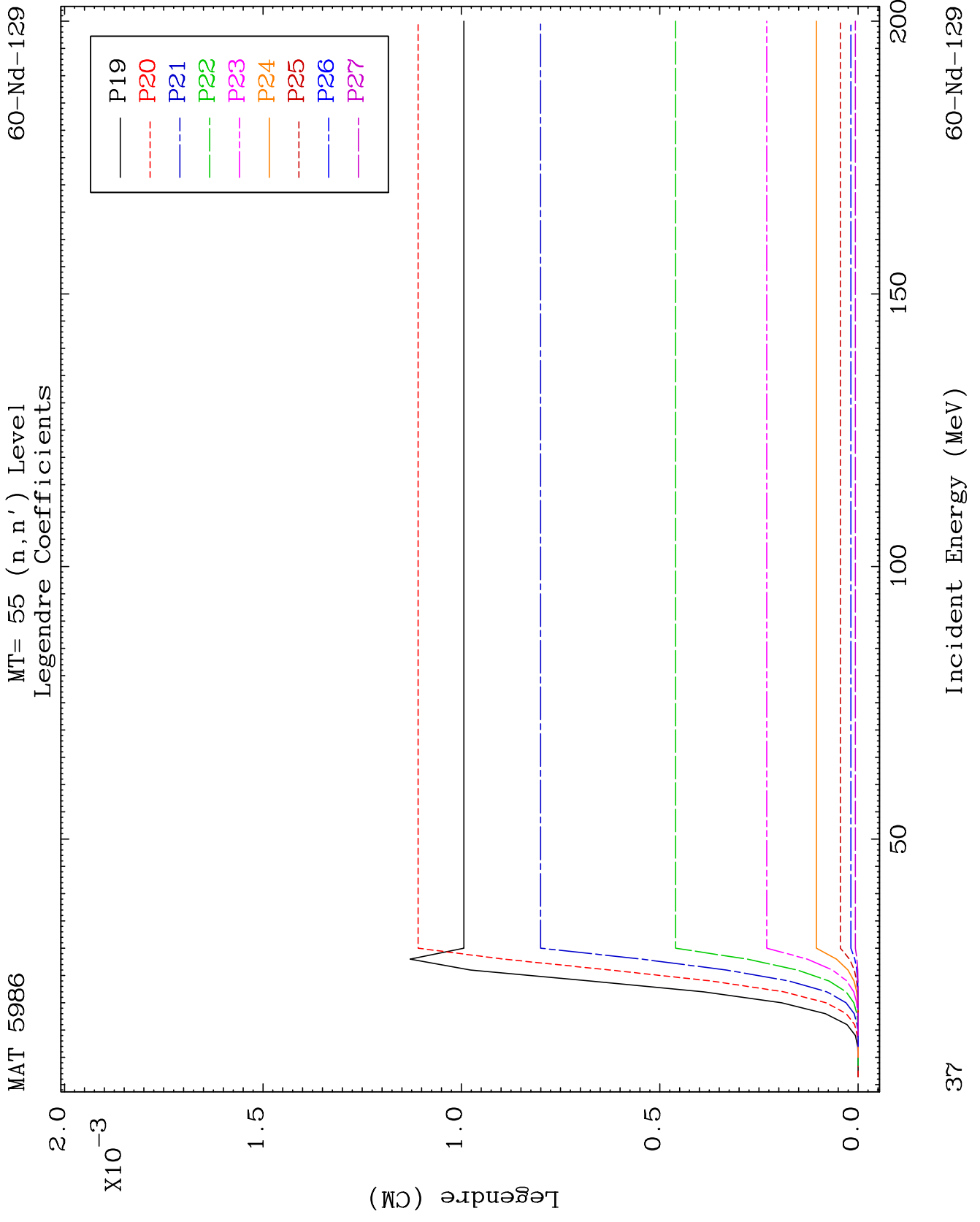
60-Nd-129



36

Incident Energy (MeV)

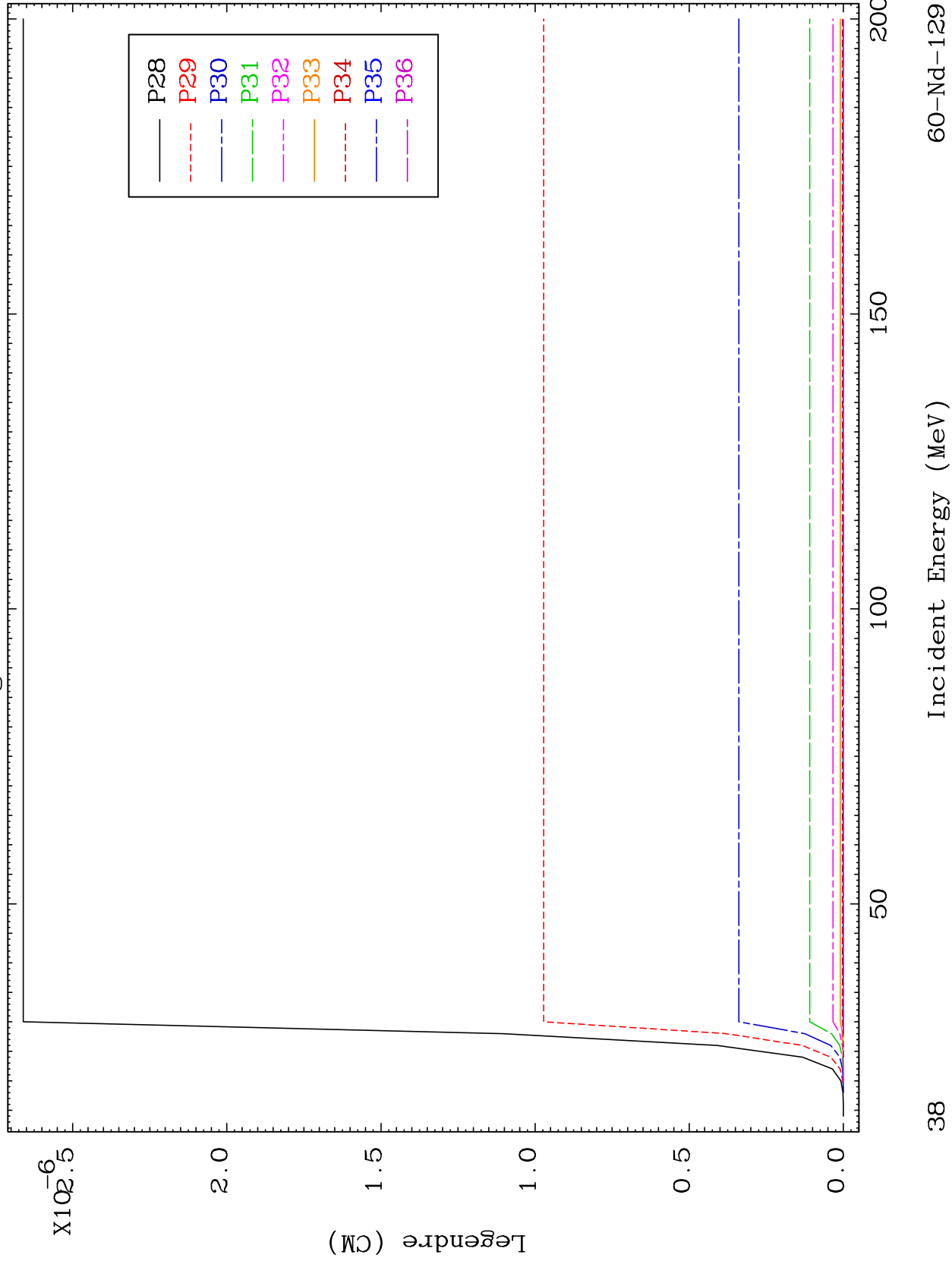
60-Nd-129



MAT 5986

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

60-Nd-129



38

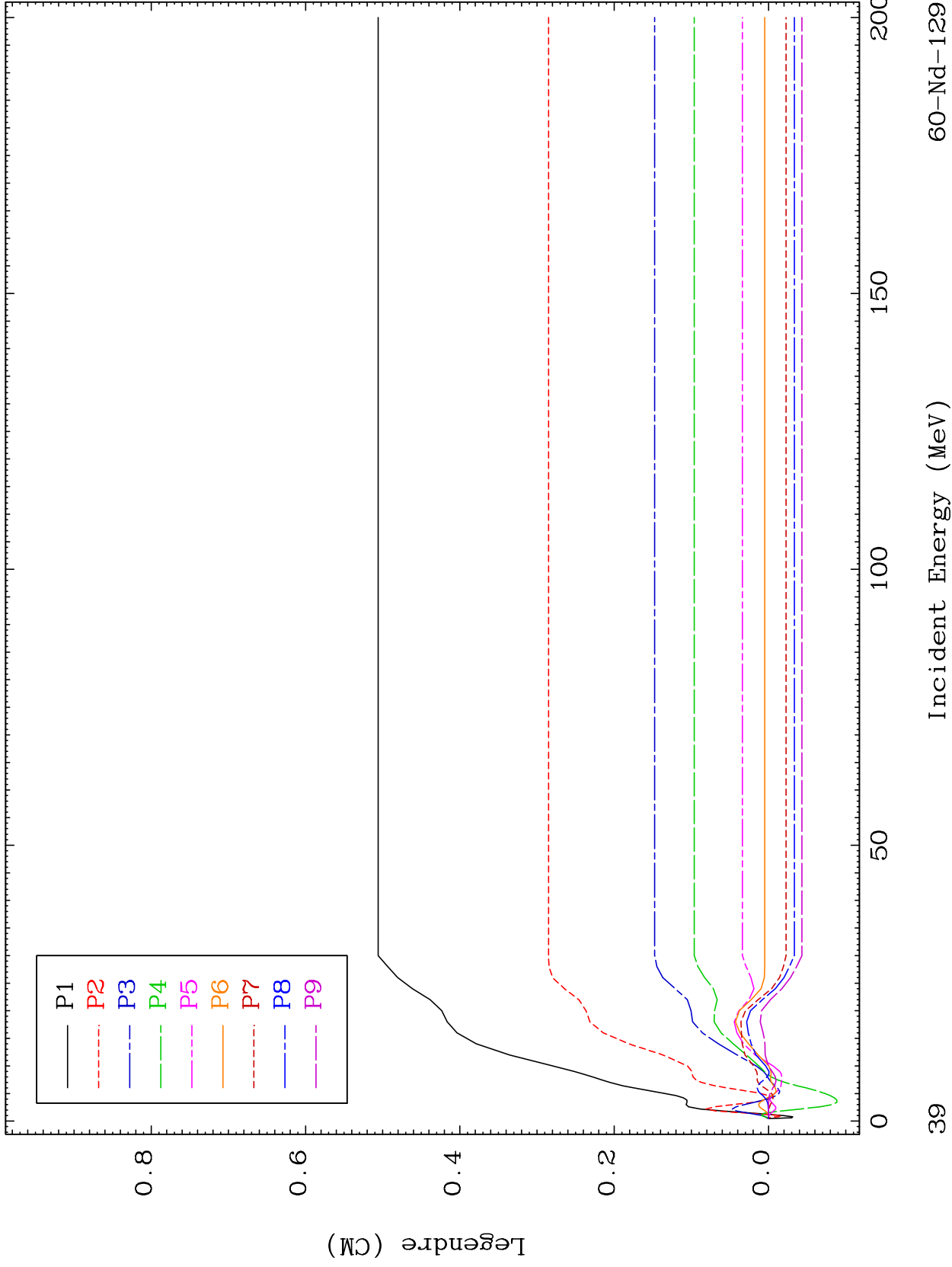
Incident Energy (MeV)

60-Nd-129

MAT 5986

MT= 56 (n,n') Level
Legendre Coefficients

60-Nd-129



39

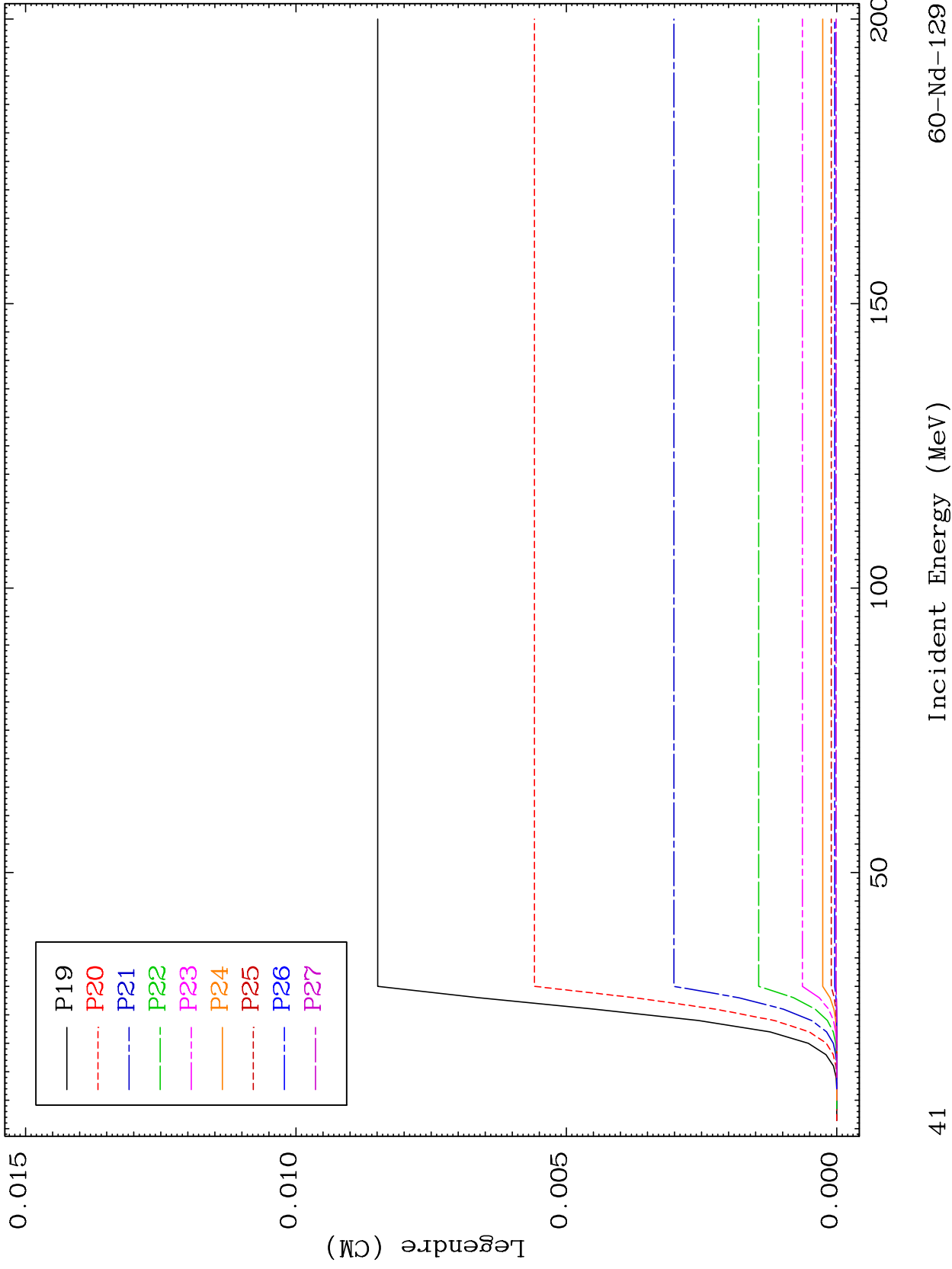
Incident Energy (MeV)

60-Nd-129

MAT 5986

MT= 56 (n,n') Level
Legendre Coefficients

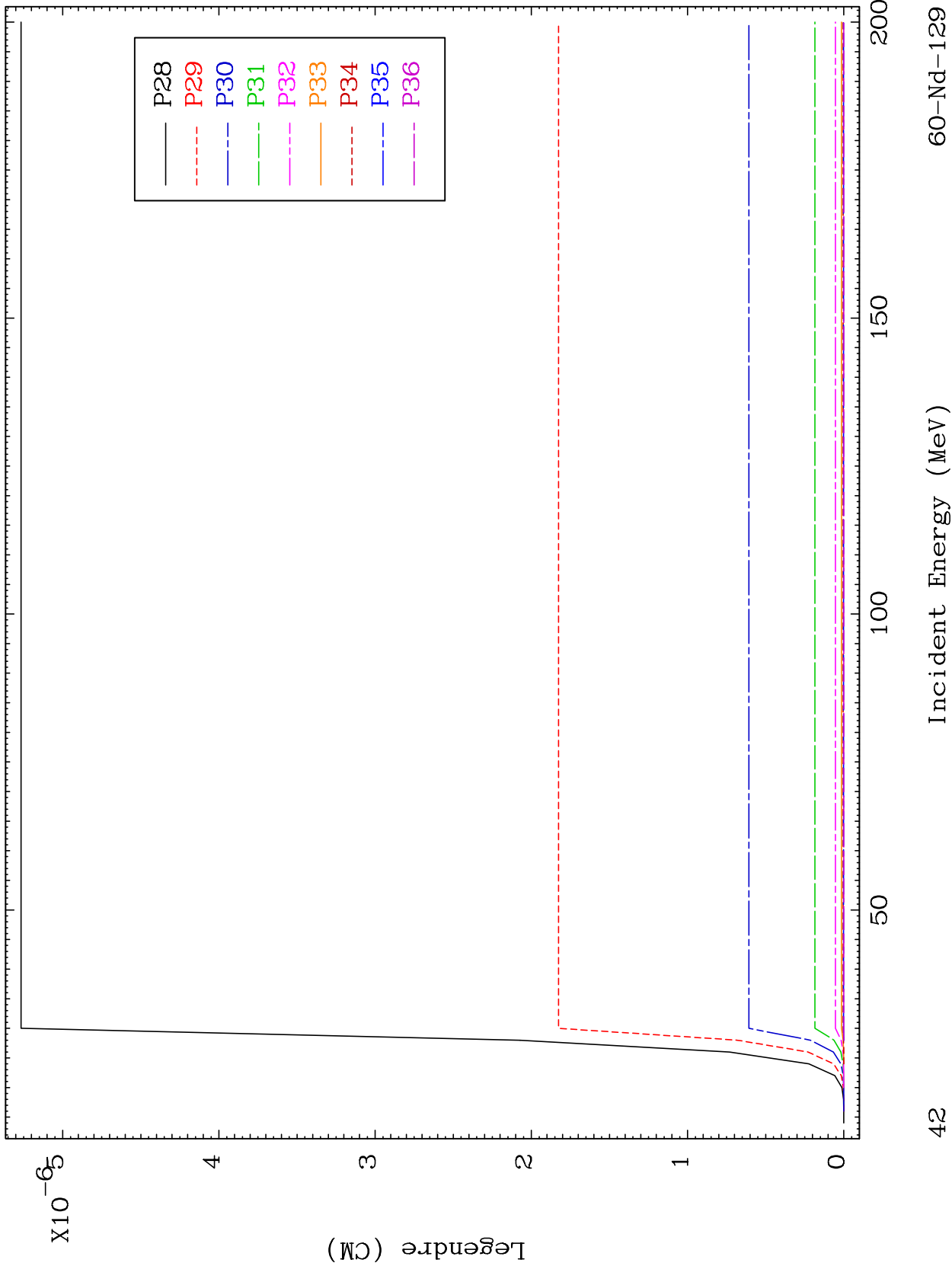
60-Nd-129



MAT 5986

MT= 56 (n,n') Level
Legendre Coefficients

60-Nd-129



42

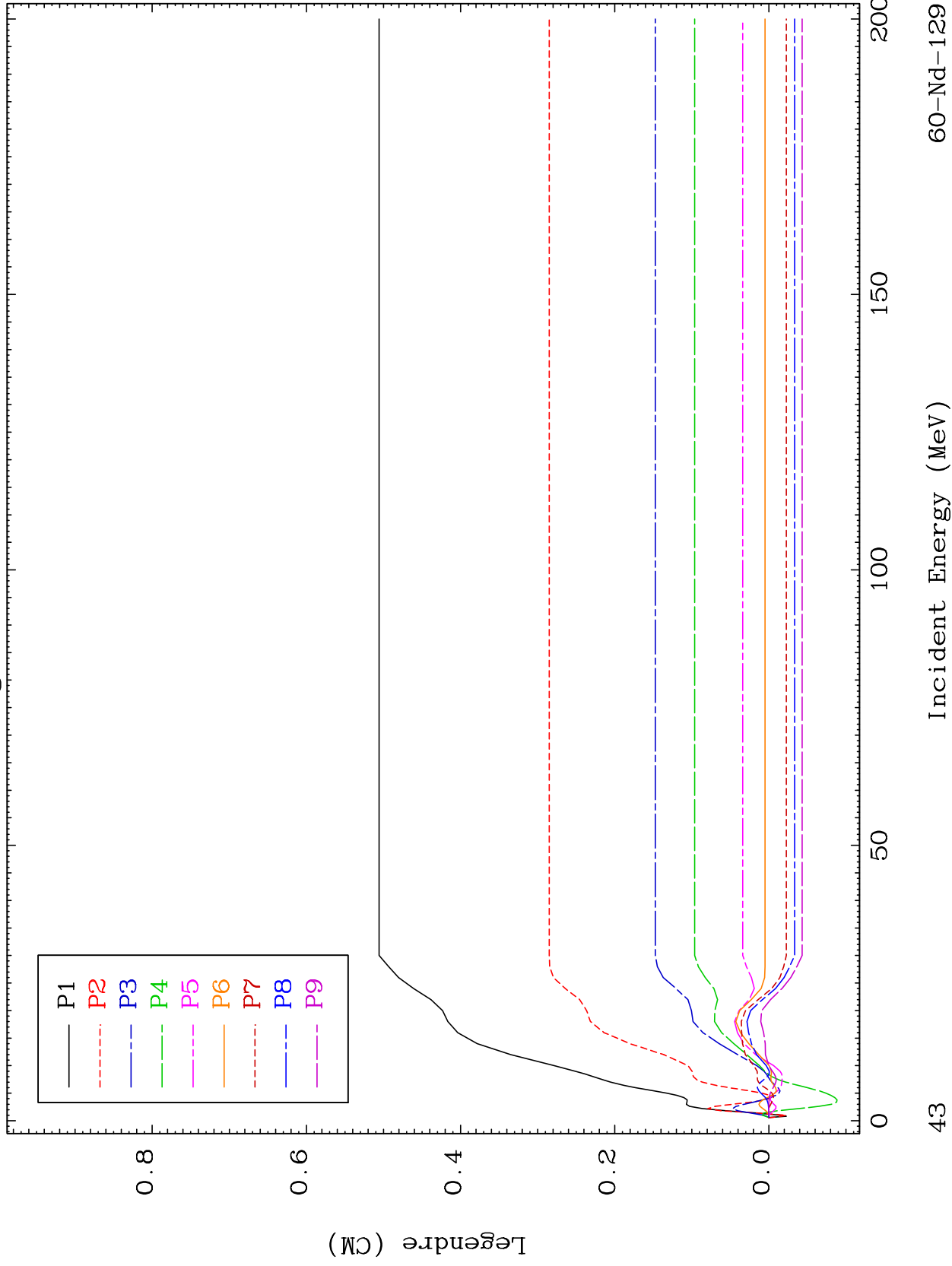
Incident Energy (MeV)

60-Nd-129

MAT 5986

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

60-Nd-129



60-Nd-129

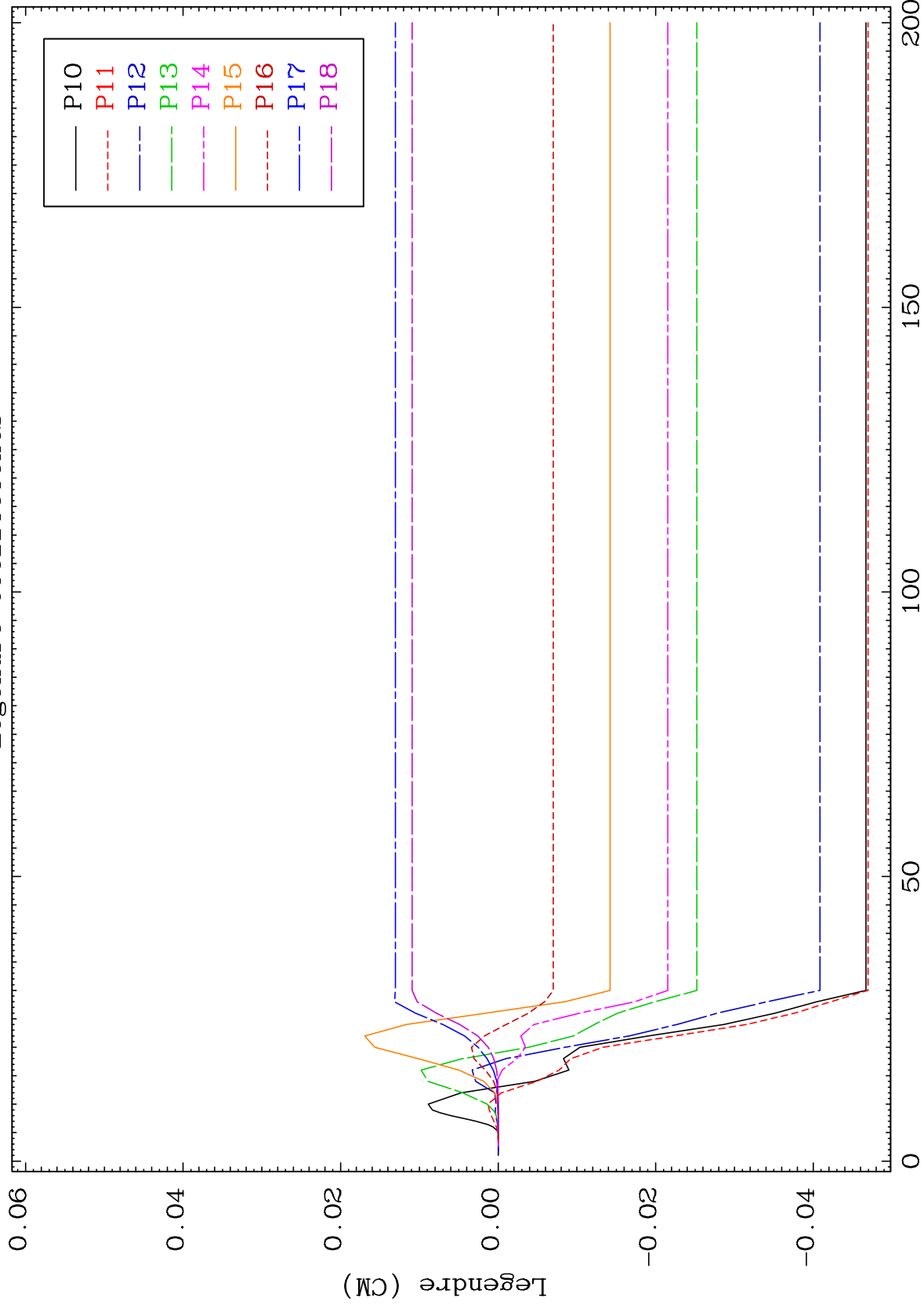
Incident Energy (MeV)

43

MAT 5986

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

60-Nd-129



44

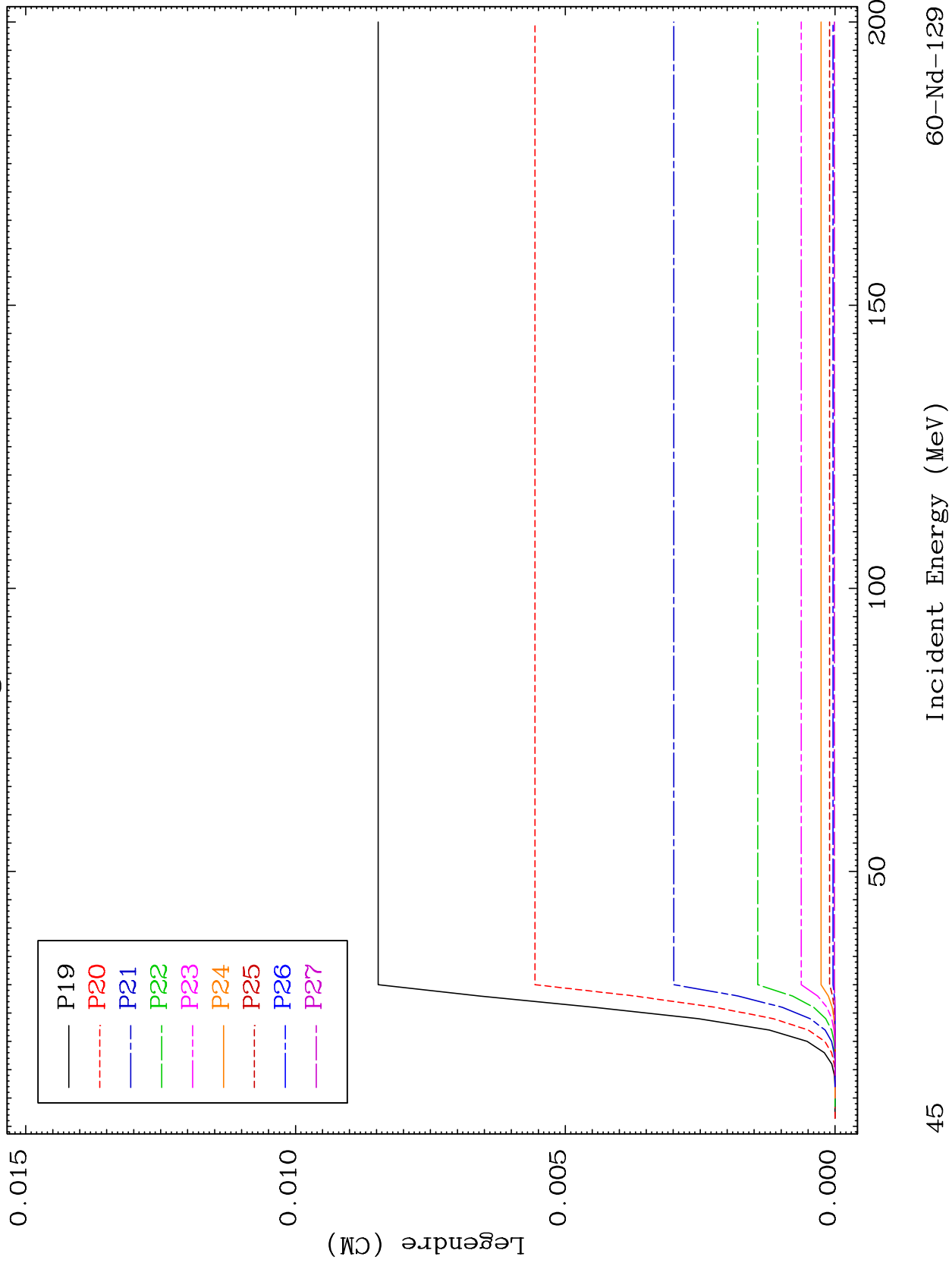
Incident Energy (MeV)

60-Nd-129

MAT 5986

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

60-Nd-129



45

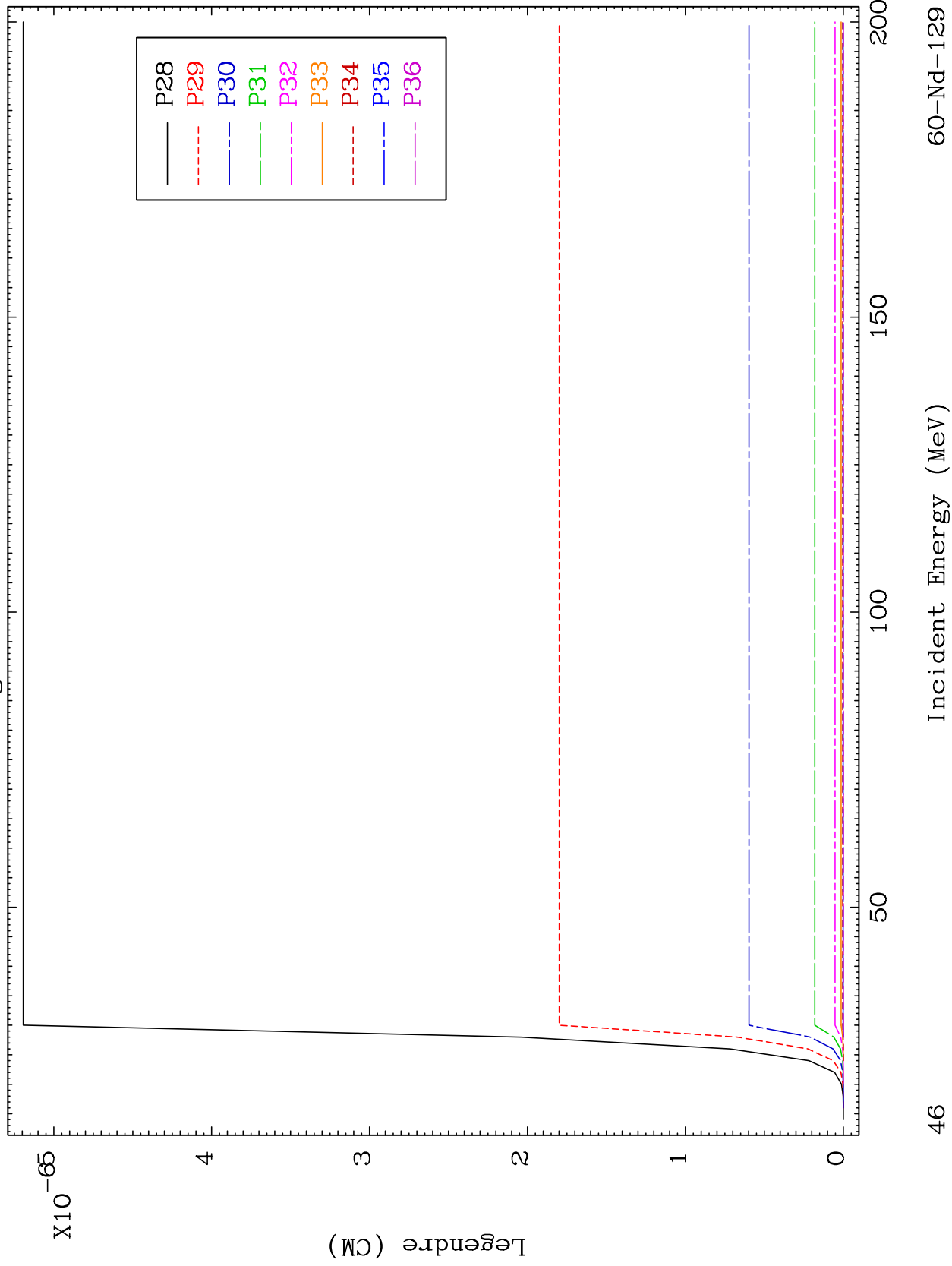
Incident Energy (MeV)

60-Nd-129

MAT 5986

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

60-Nd-129



46

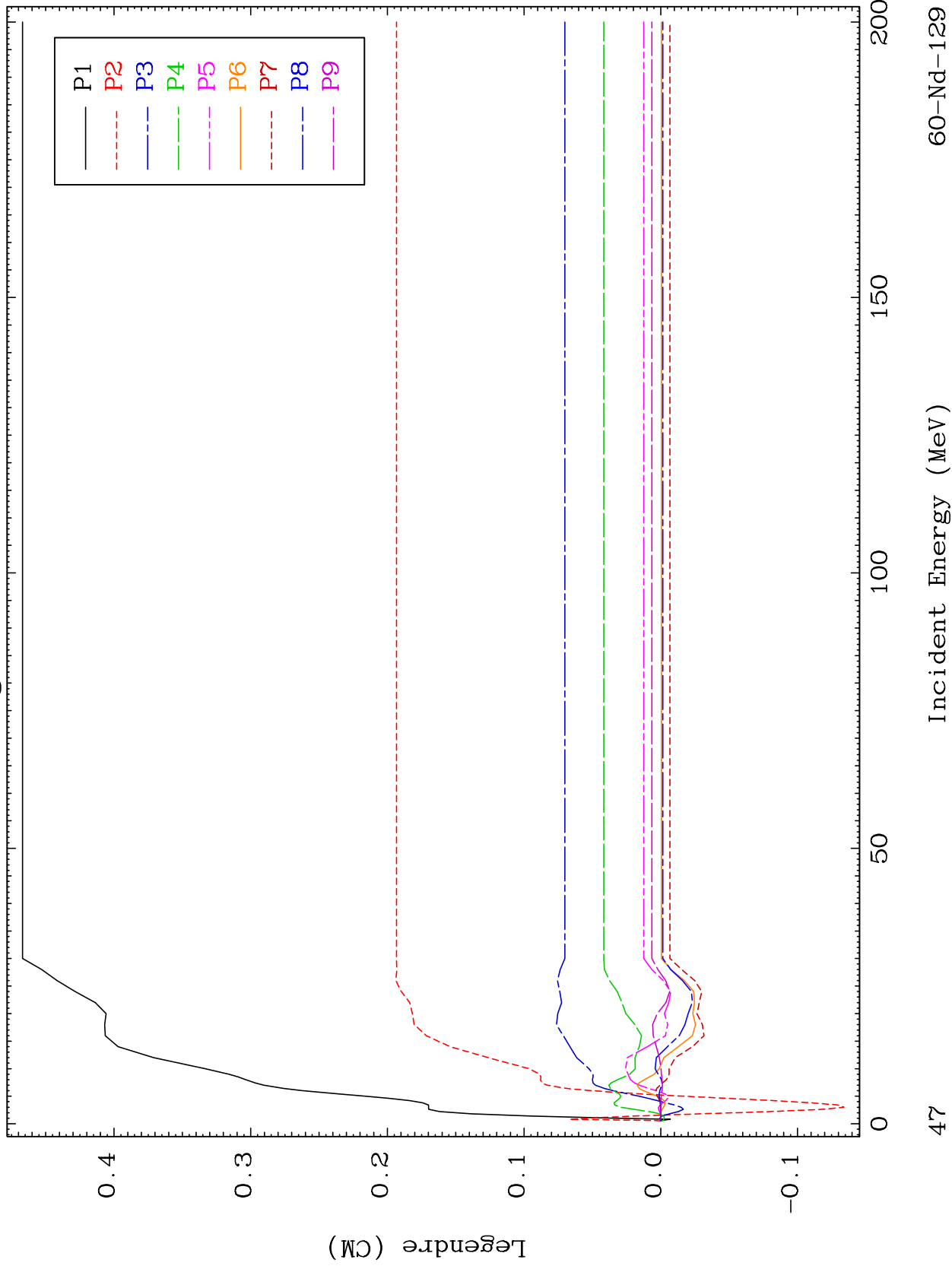
Incident Energy (MeV)

60-Nd-129

MAT 5986

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

60-Nd-129



60-Nd-129

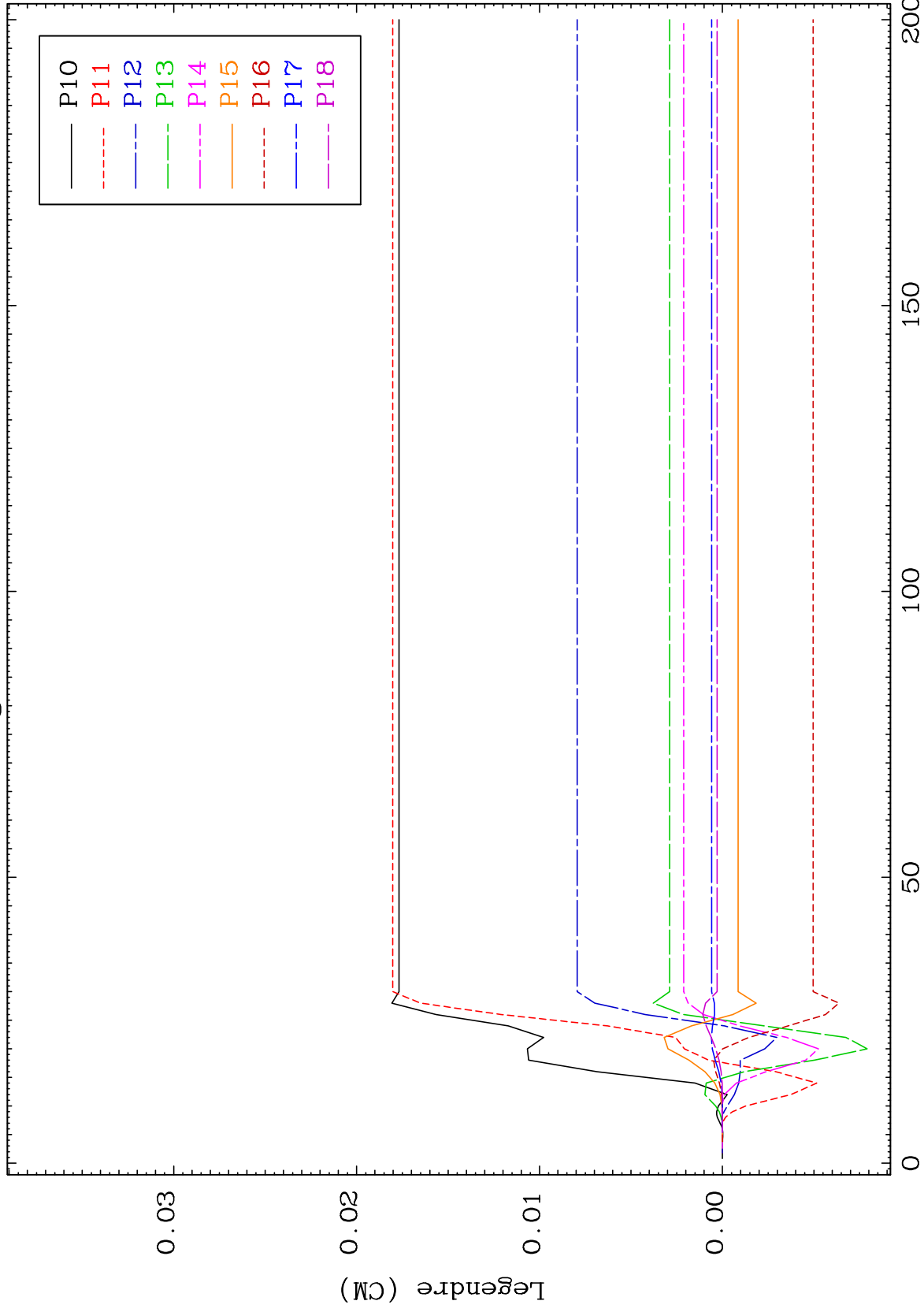
Incident Energy (MeV)

47

MAT 5986

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

60-Nd-129



48

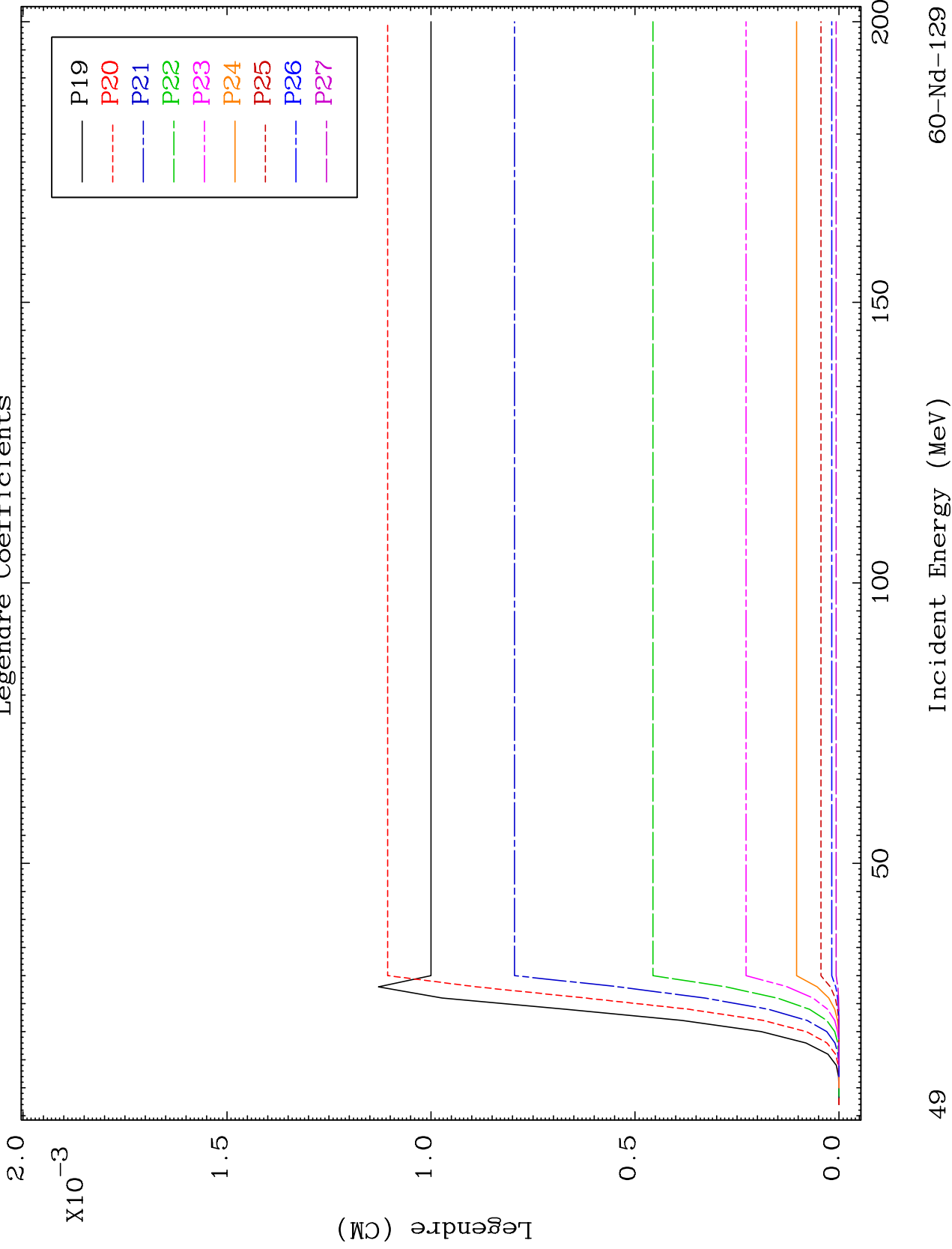
Incident Energy (MeV)

60-Nd-129

MAT 5986

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

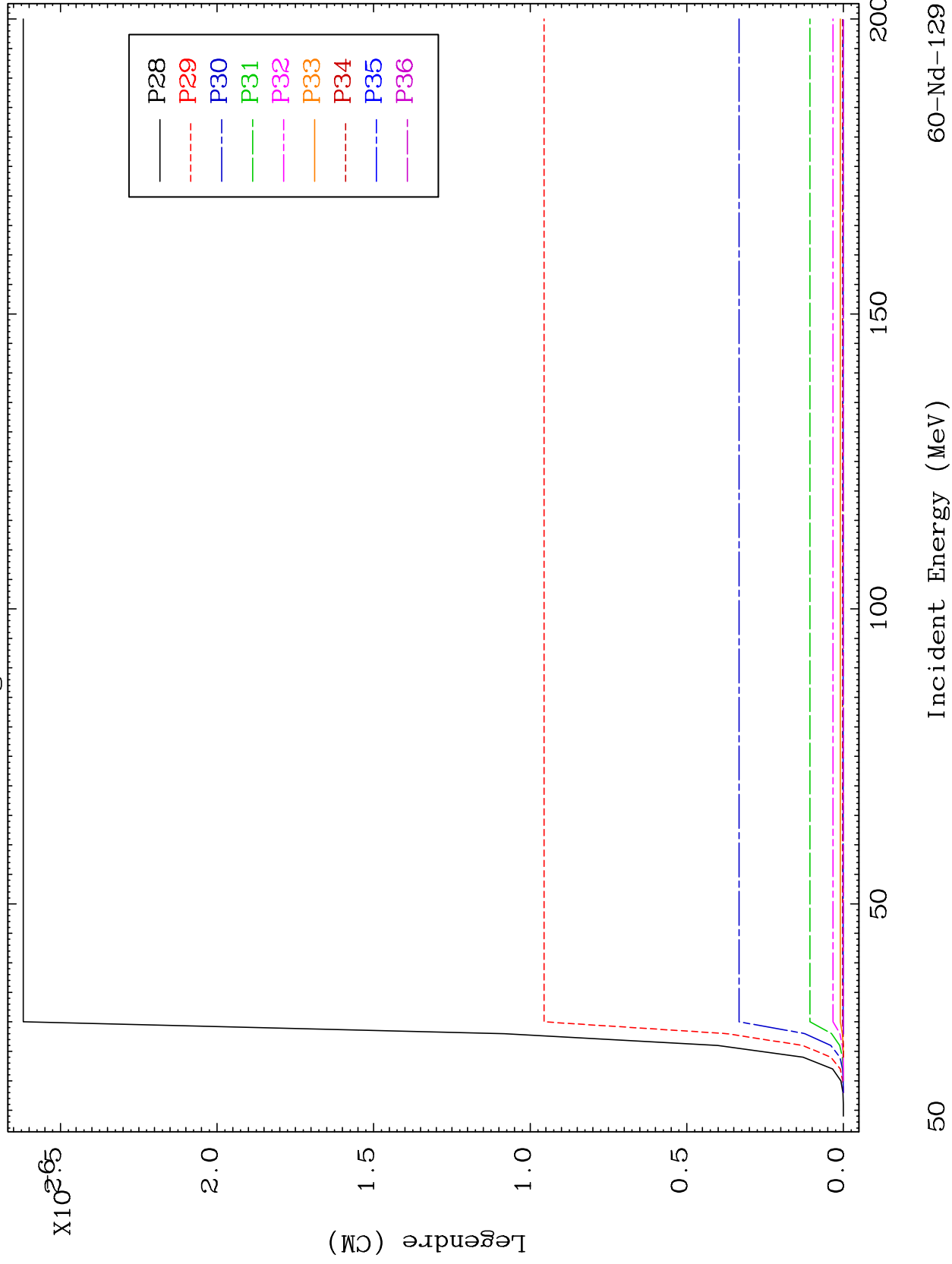
60-Nd-129



MAT 5986

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

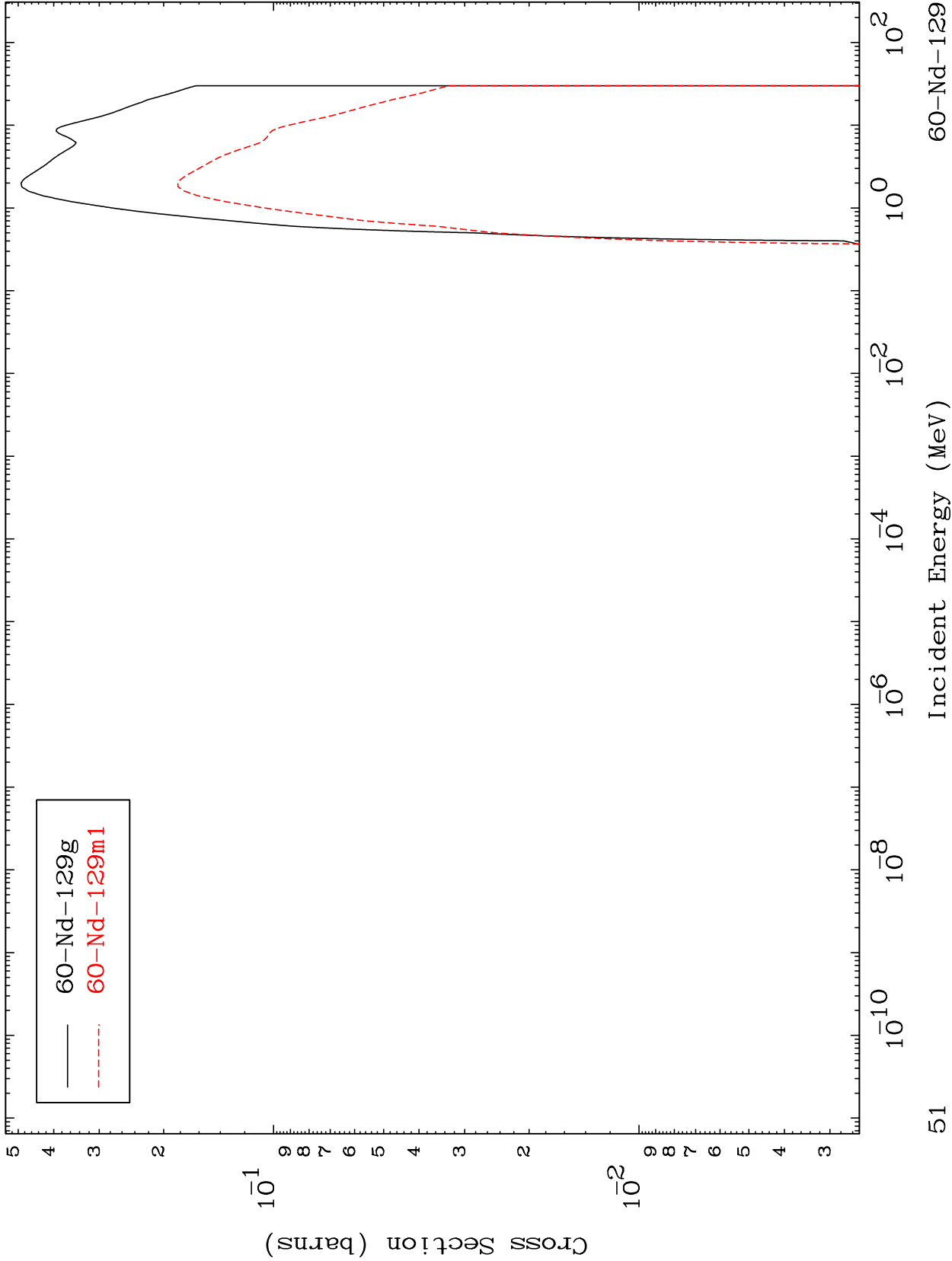
60-Nd-129



MAT 5986

Inelastic
Radionuclide Production Cross Section

60-Nd-129

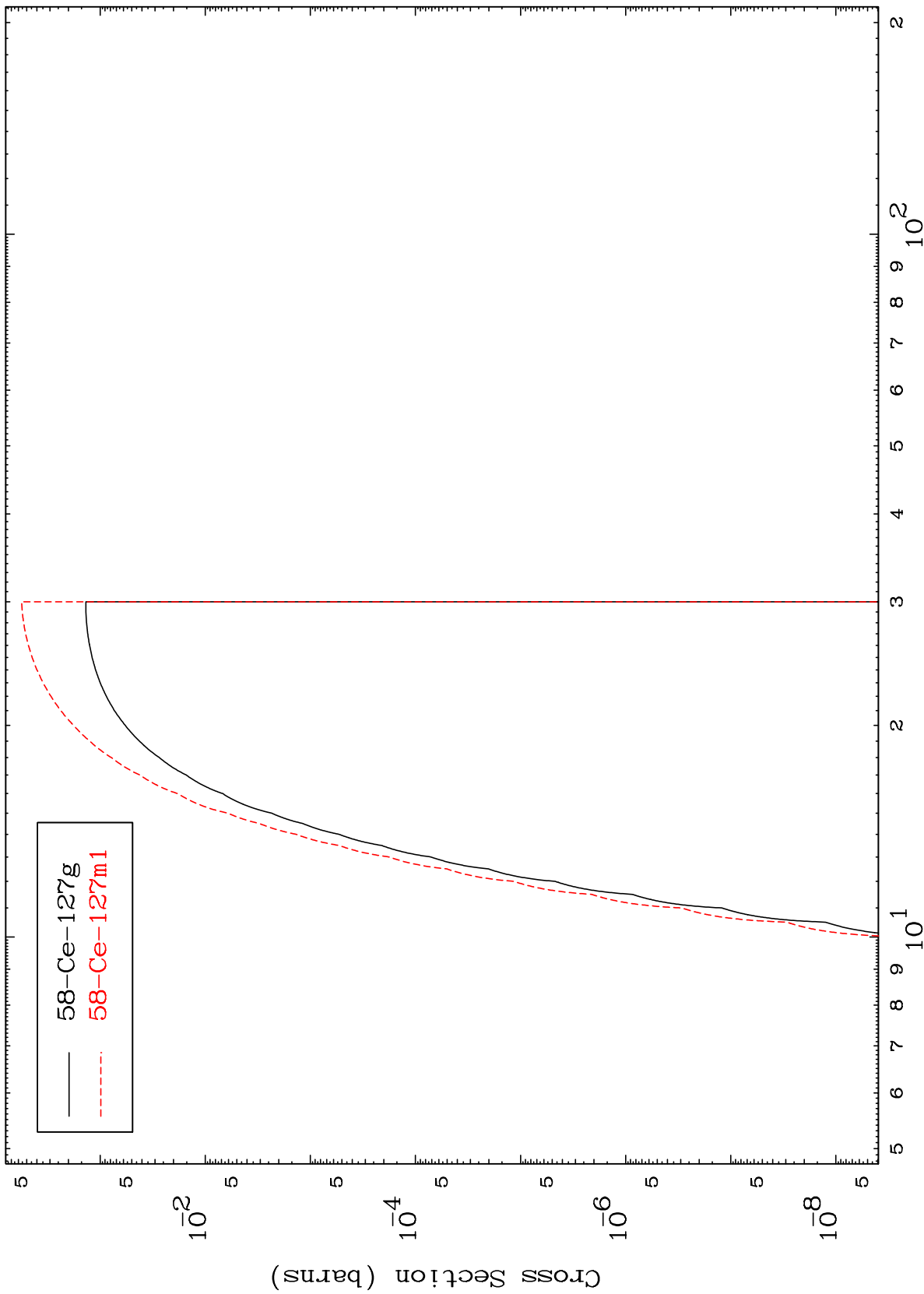


MAT 5986

$(n, 2n)$ p

60-Nd-129

Radionuclide Production Cross Section



58-Ce-127g
58-Ce-127m1

52

Incident Energy (MeV)

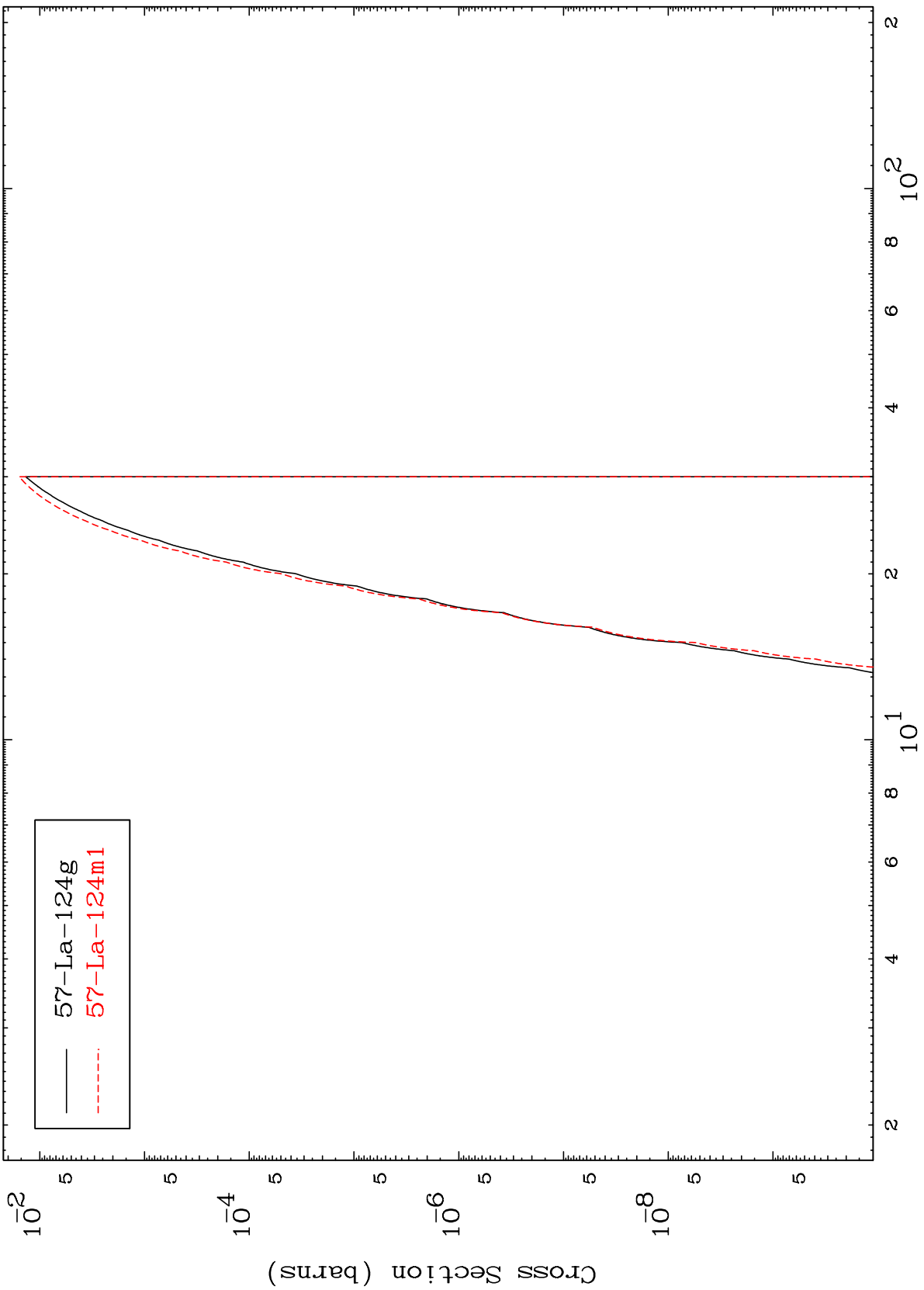
60-Nd-129

MAT 5986

(n,n') p α

60-Nd-129

Radionuclide Production Cross Section



— 57-La-124g
- - - 57-La-124m1

53

Incident Energy (MeV)

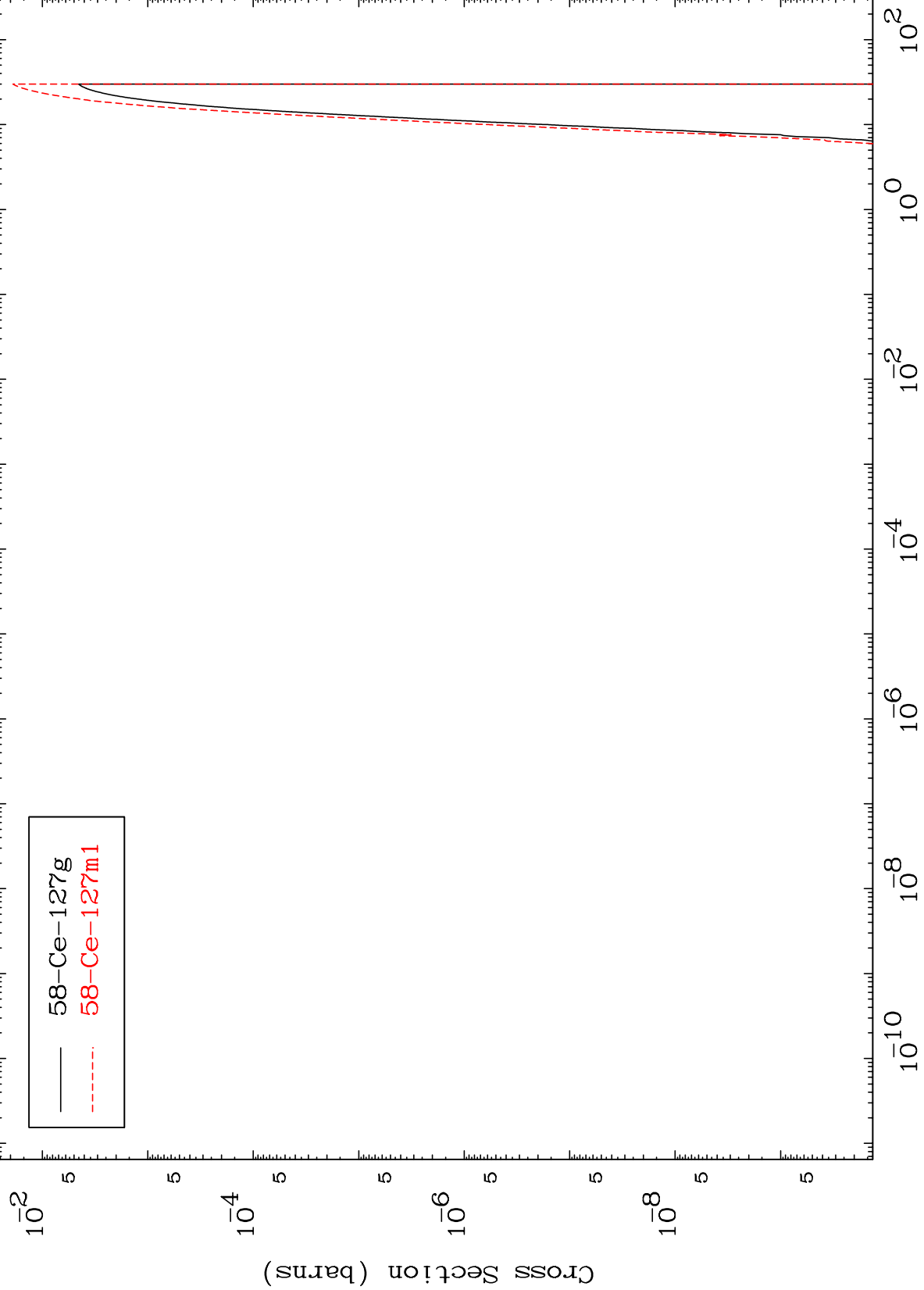
60-Nd-129

MAT 5986

(n,He-3)

60-Nd-129

Radionuclide Production Cross Section



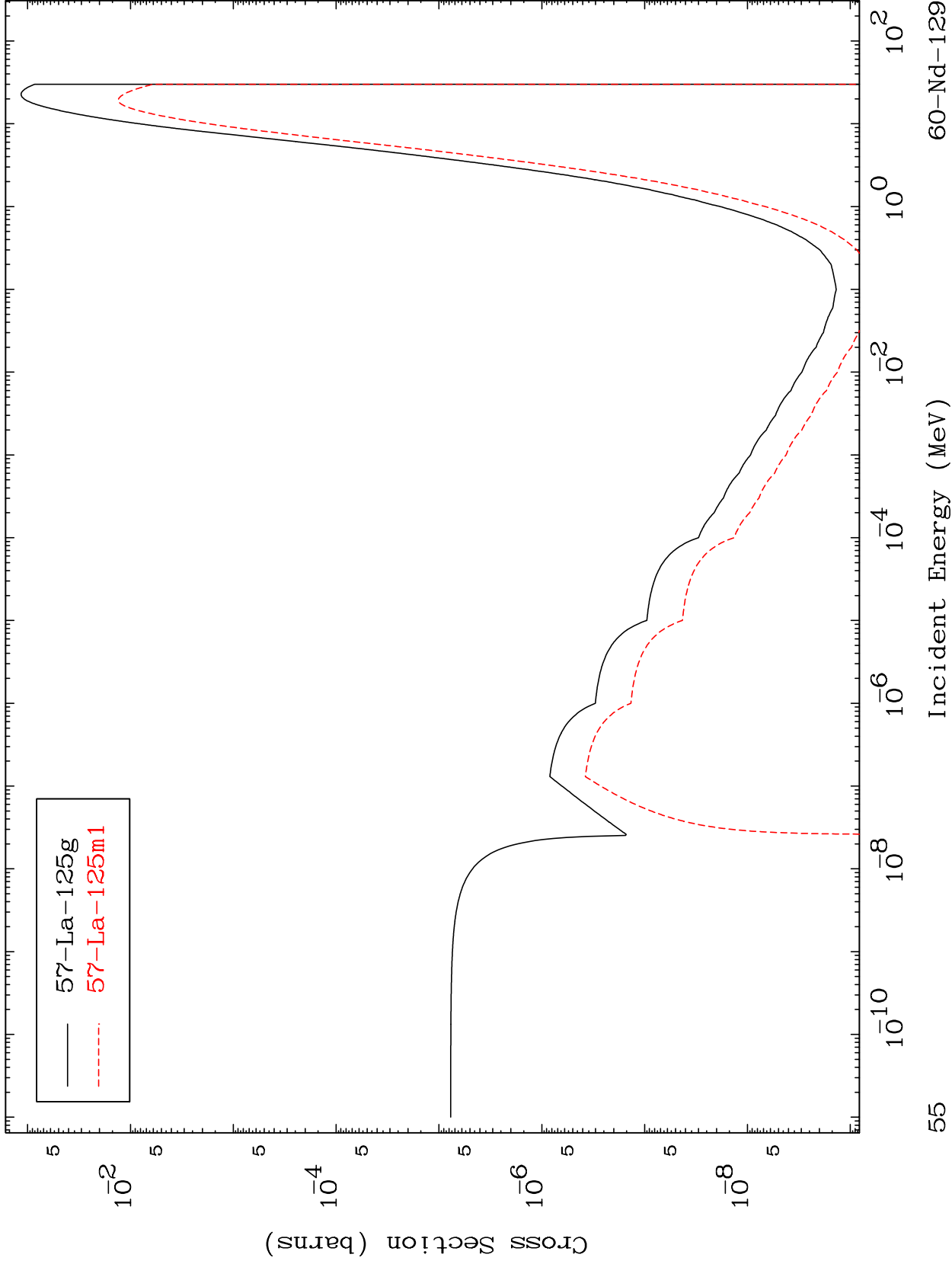
58-Ce-127g
58-Ce-127m1

MAT 5986

(n,p) α

$^{60}\text{Nd-129}$

Radionuclide Production Cross Section



55

Incident Energy (MeV)

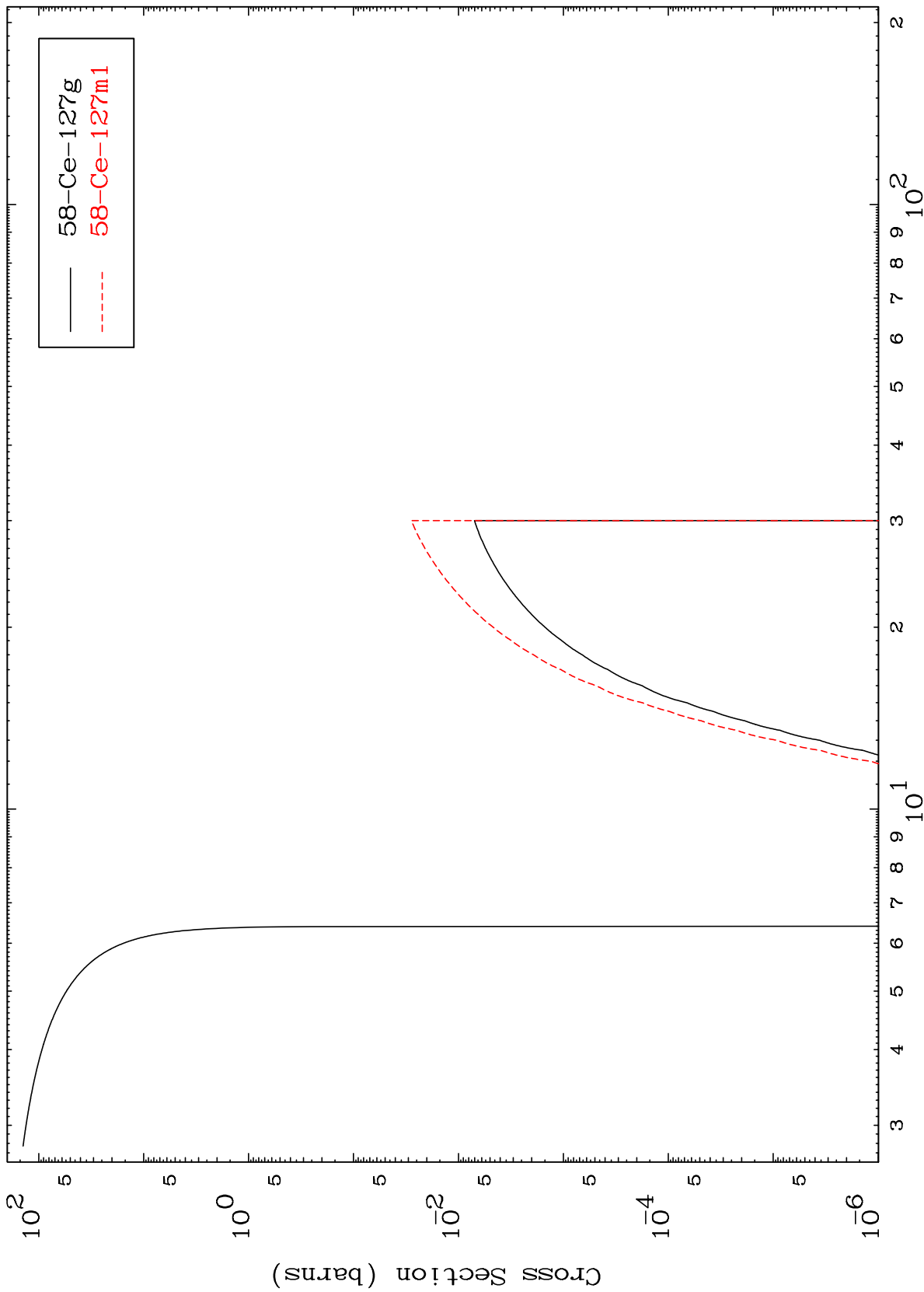
$^{60}\text{Nd-129}$

MAT 5986

(n,p) d

60-Nd-129

Radionuclide Production Cross Section



56

Incident Energy (MeV)

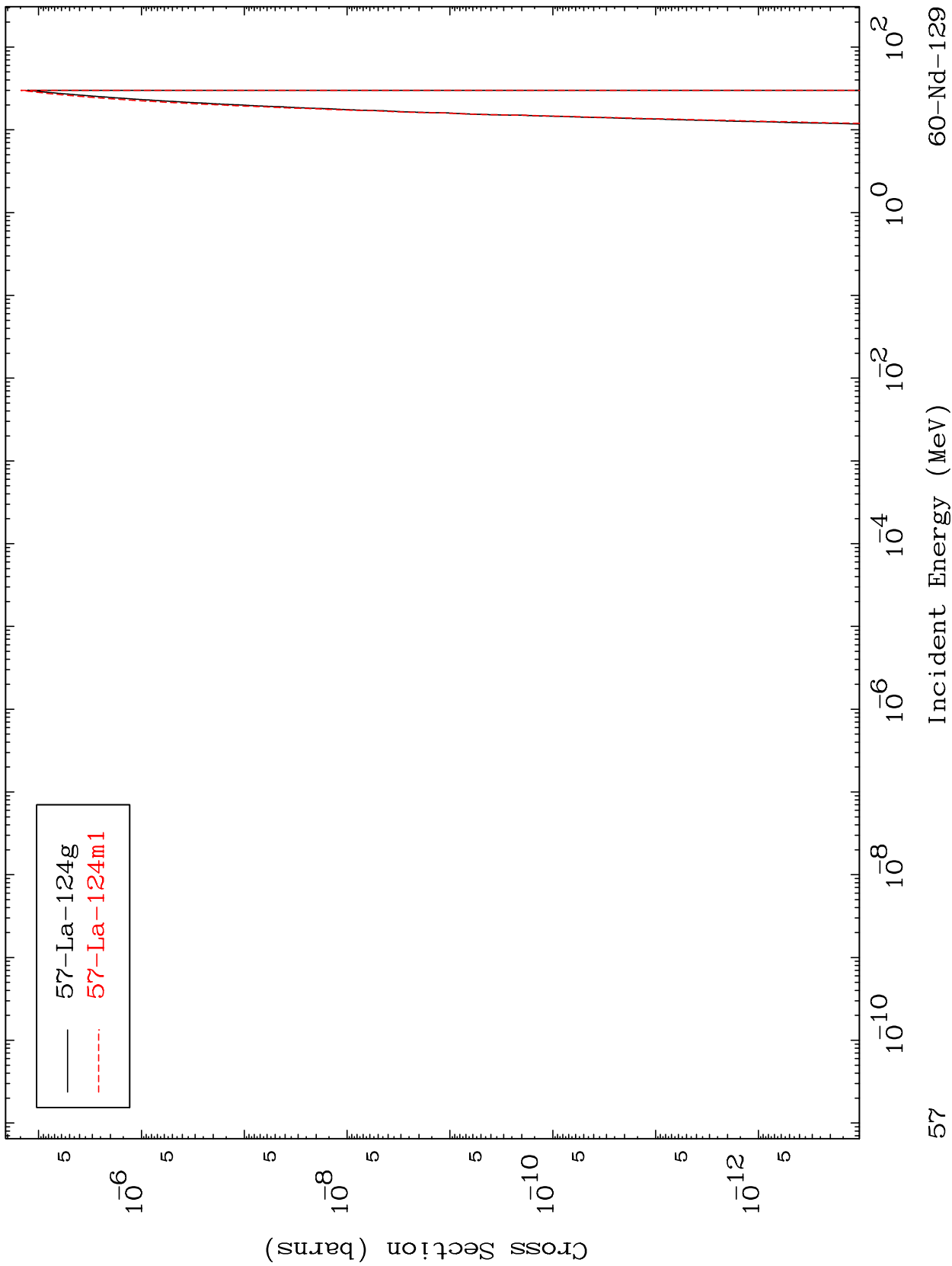
60-Nd-129

MAT 5986

(n,d) α

60-Nd-129

Radionuclide Production Cross Section



57

Incident Energy (MeV)

60-Nd-129