

Program EVALPLOT
(Version 2021-1)

by

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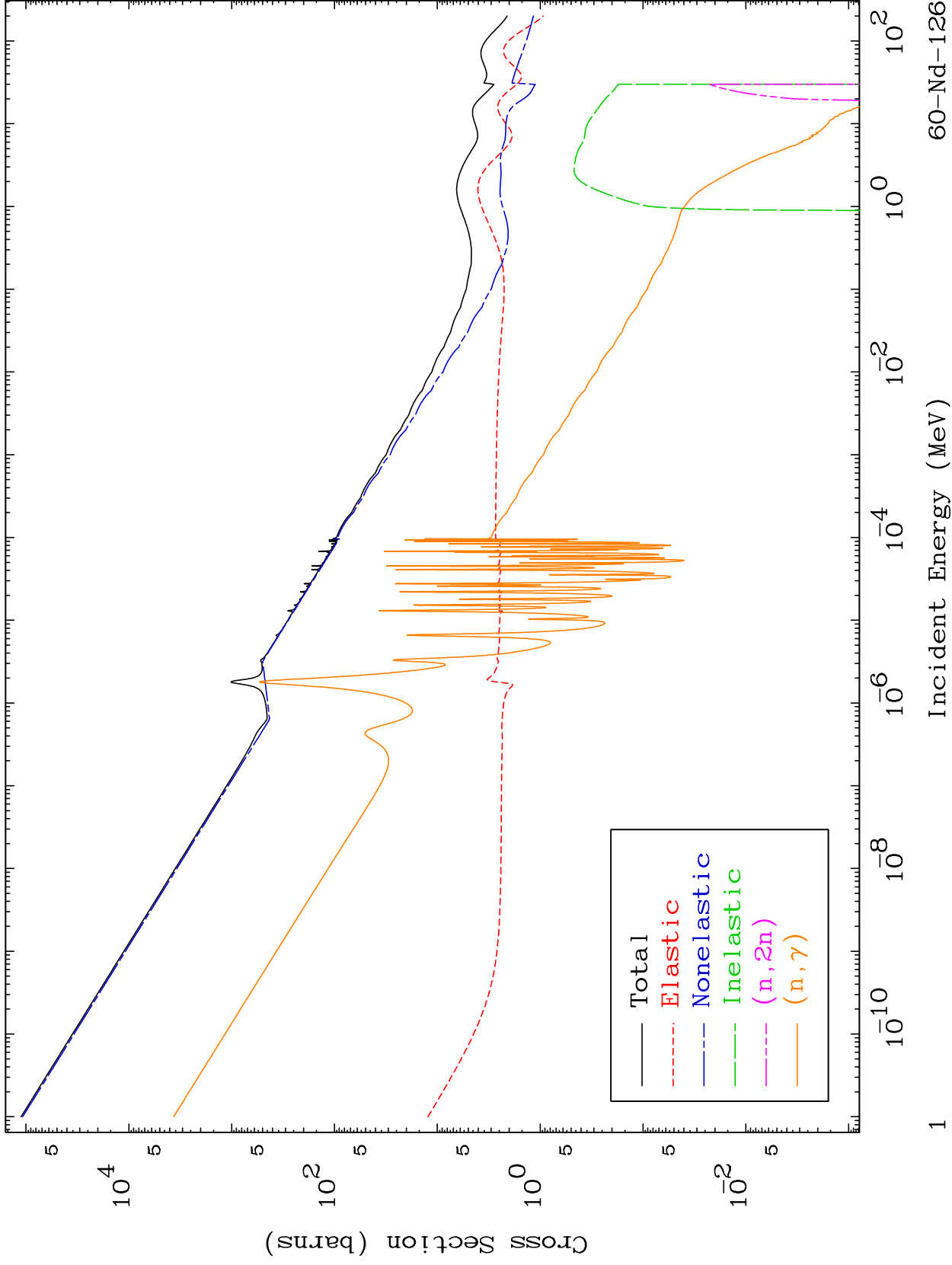
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5977

Neutron Major
293 Kelvin Cross Sections

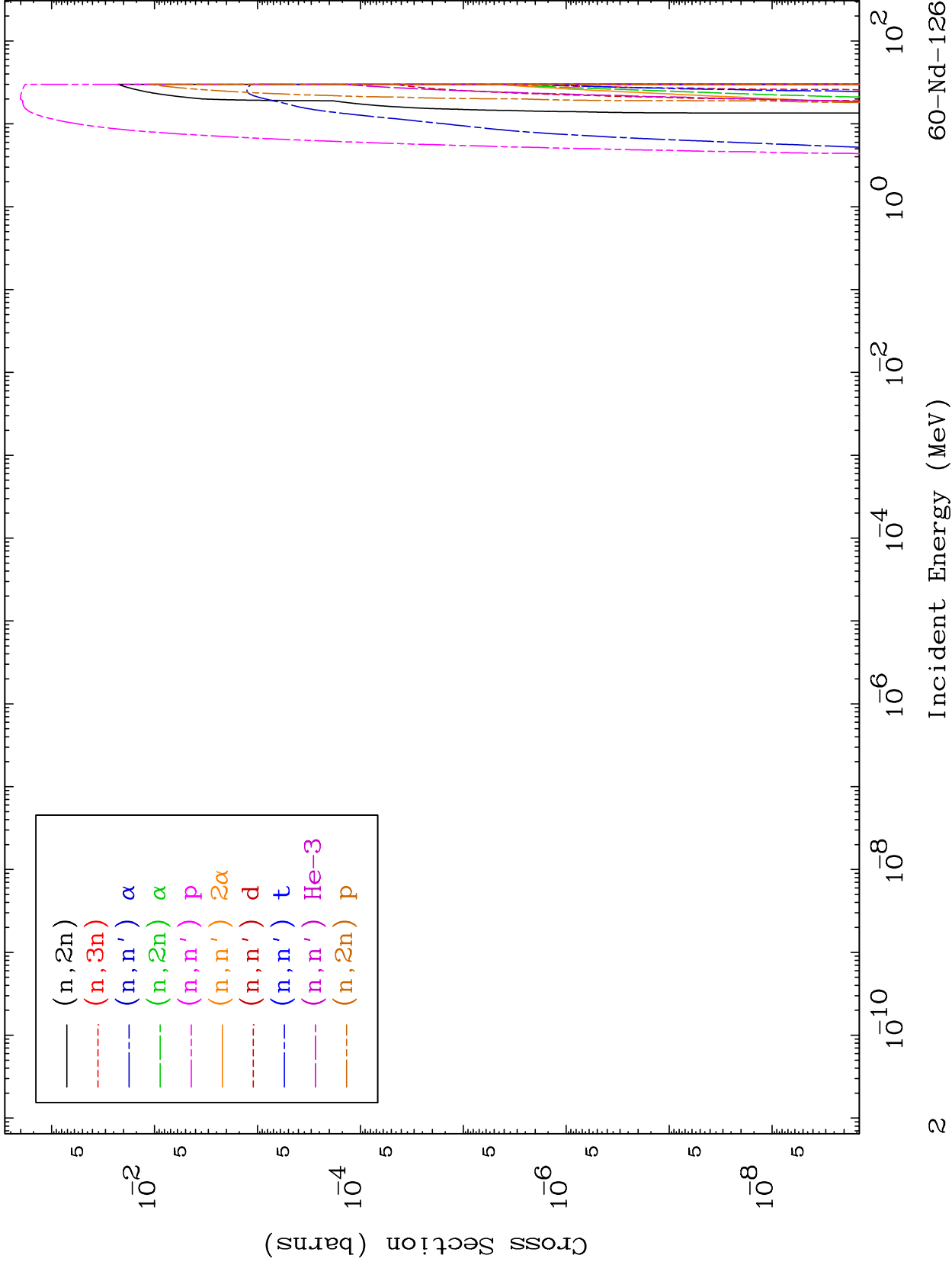
60-Nd-126

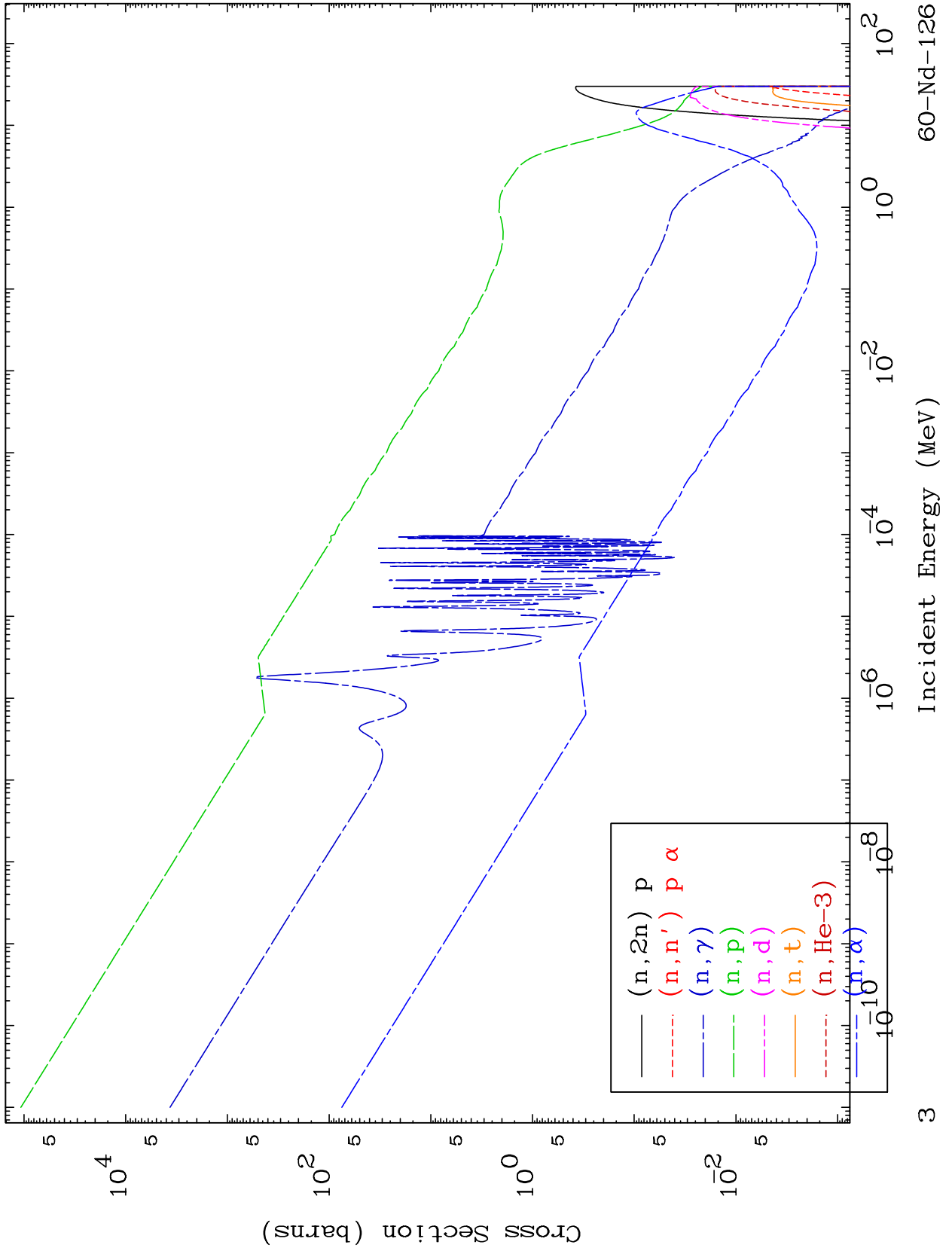


MAT 5977

Neutron Absorption
293 Kelvin Cross Sections

60-Nd-126

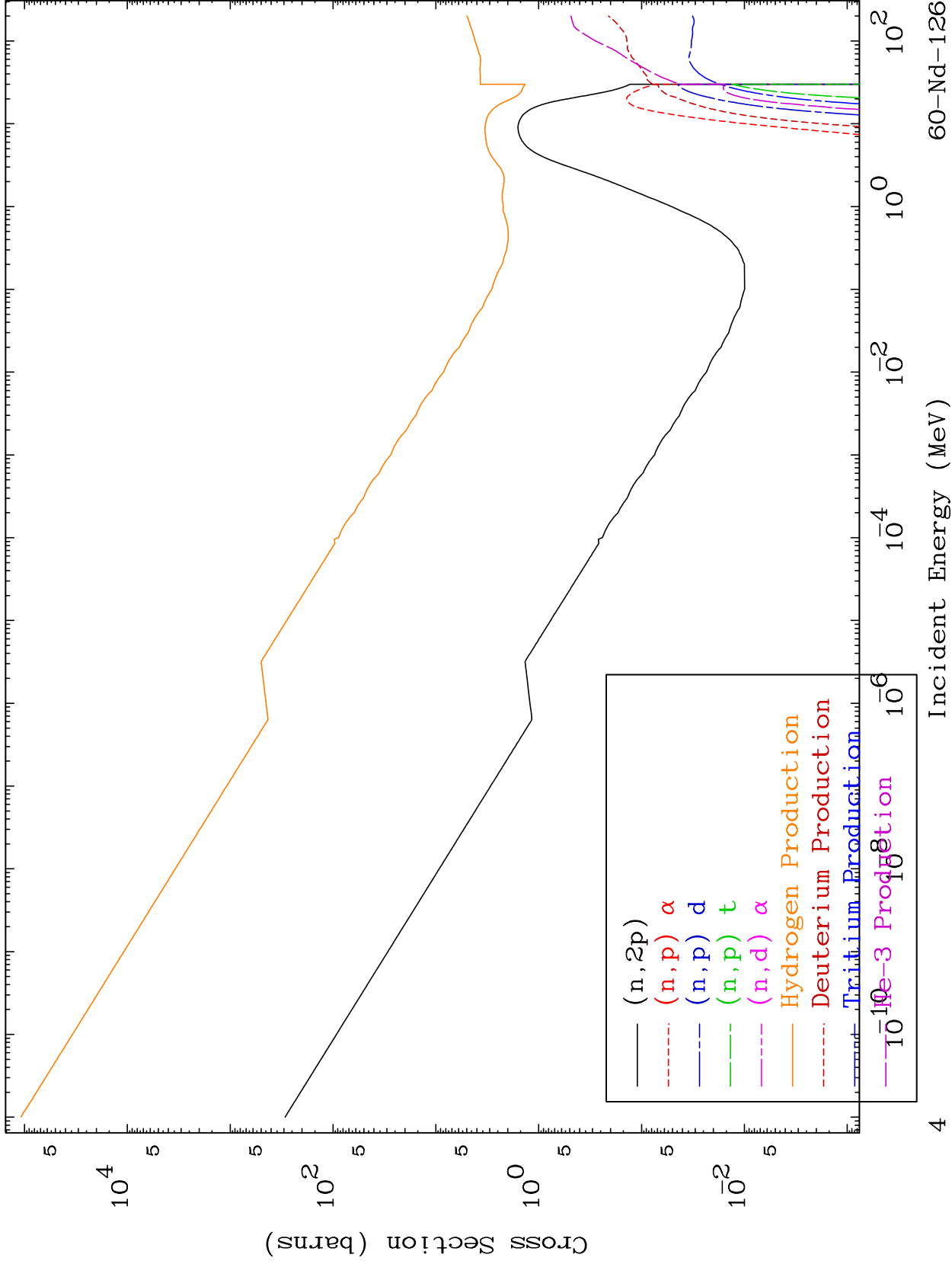




MAT 5977

Neutron Absorption 293 Kelvin Cross Sections

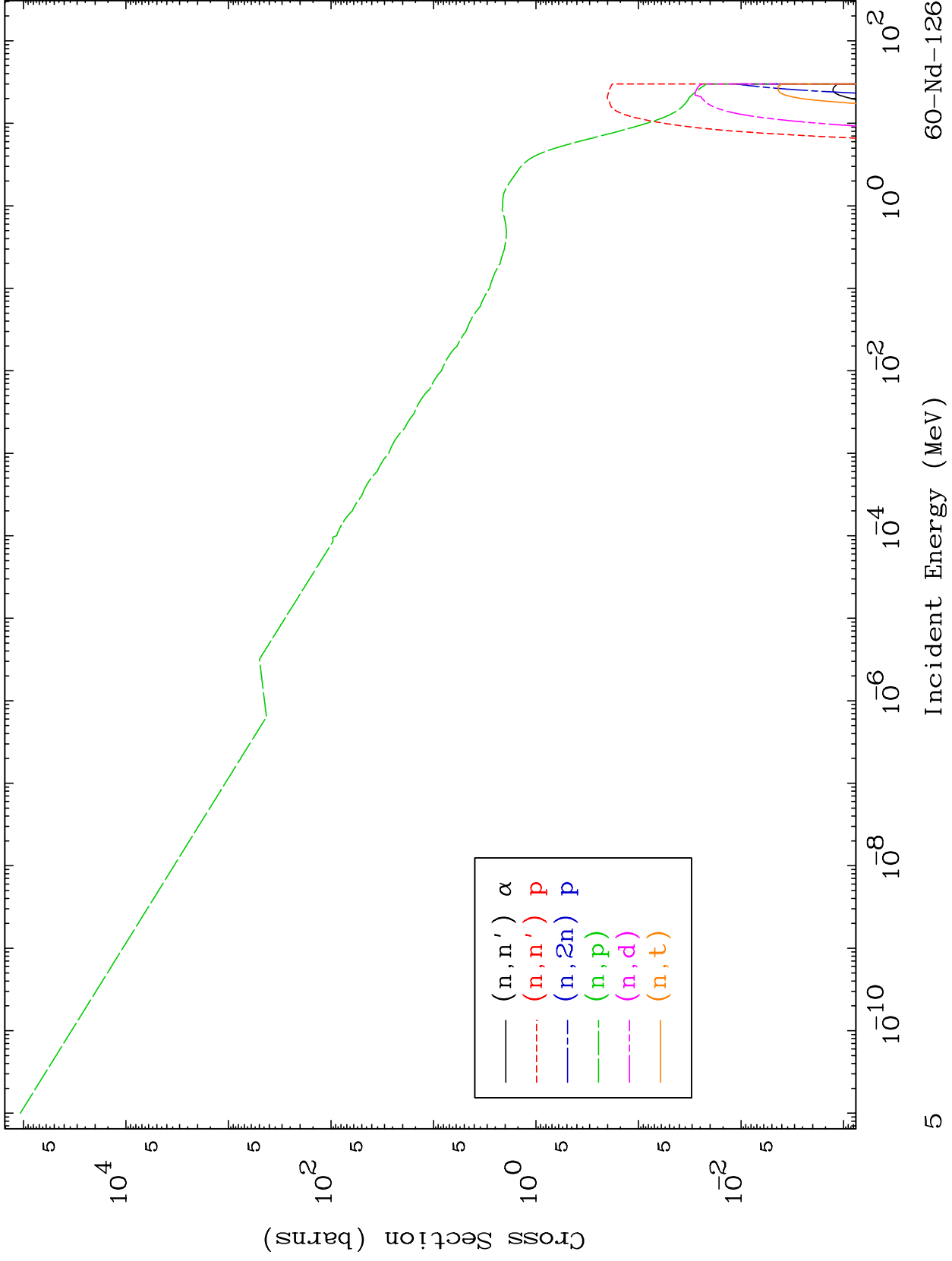
60-Nd-126

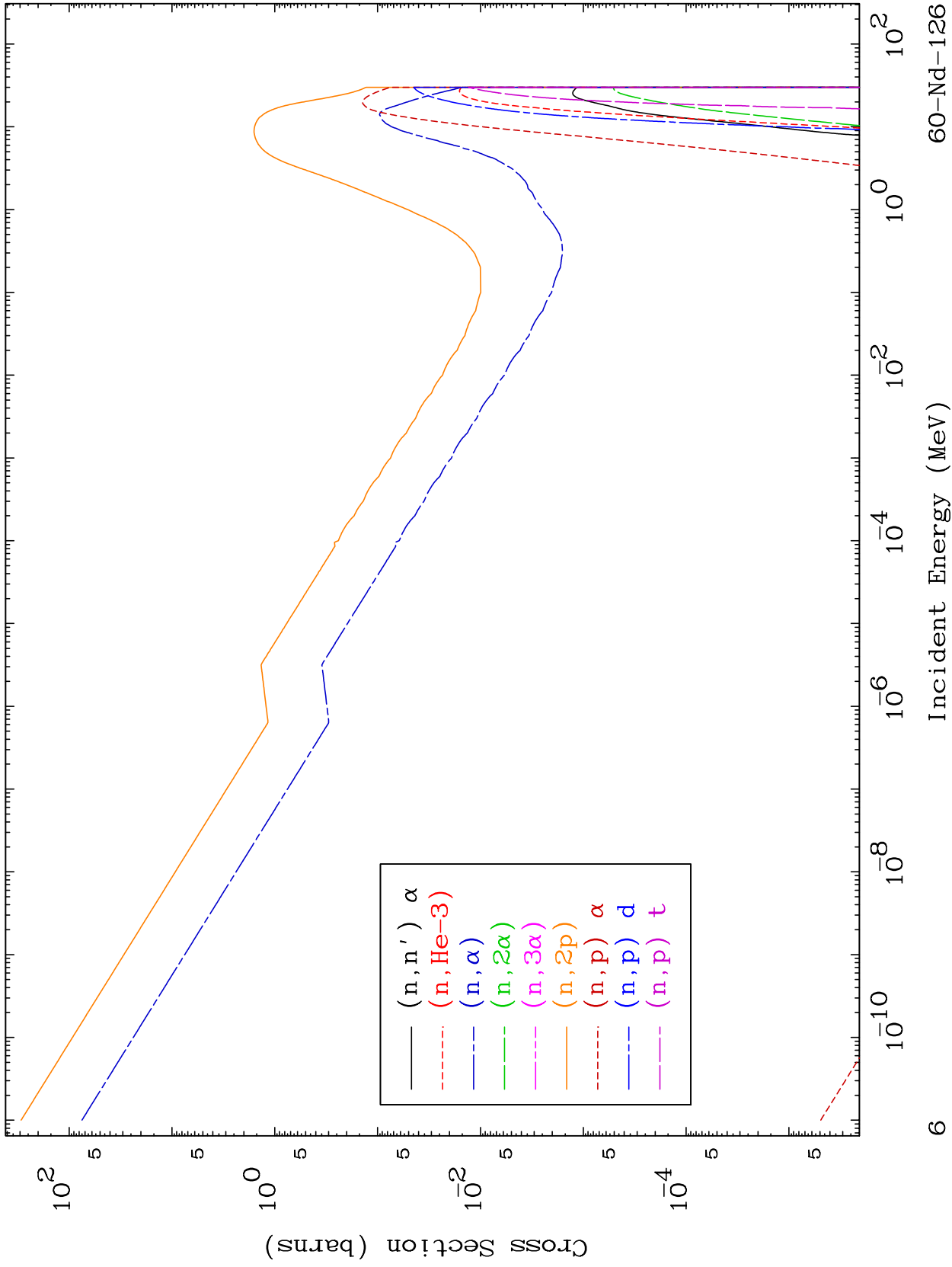


MAT 5977

Charged Particle
293 Kelvin Cross Sections

60-Nd-126

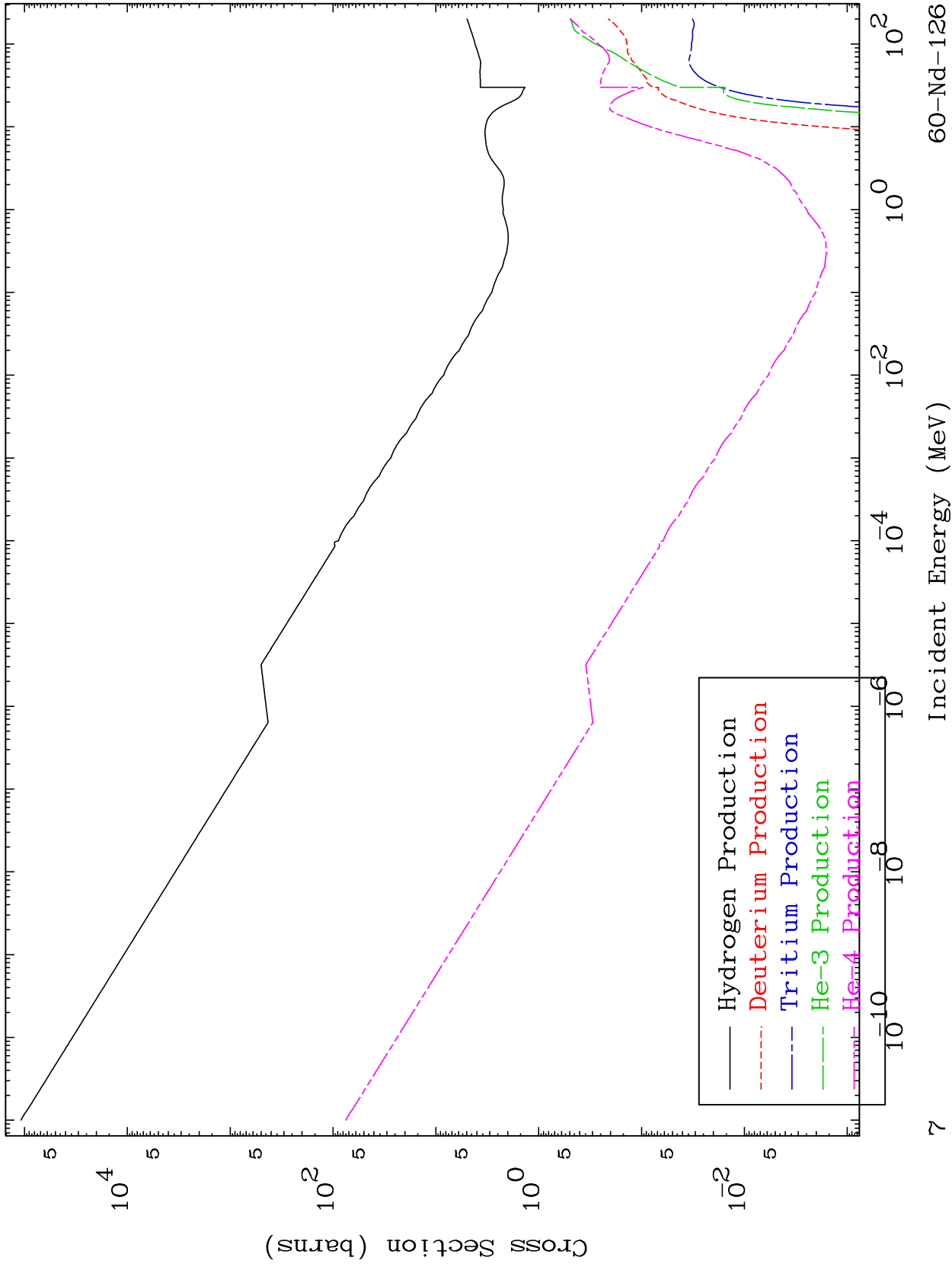




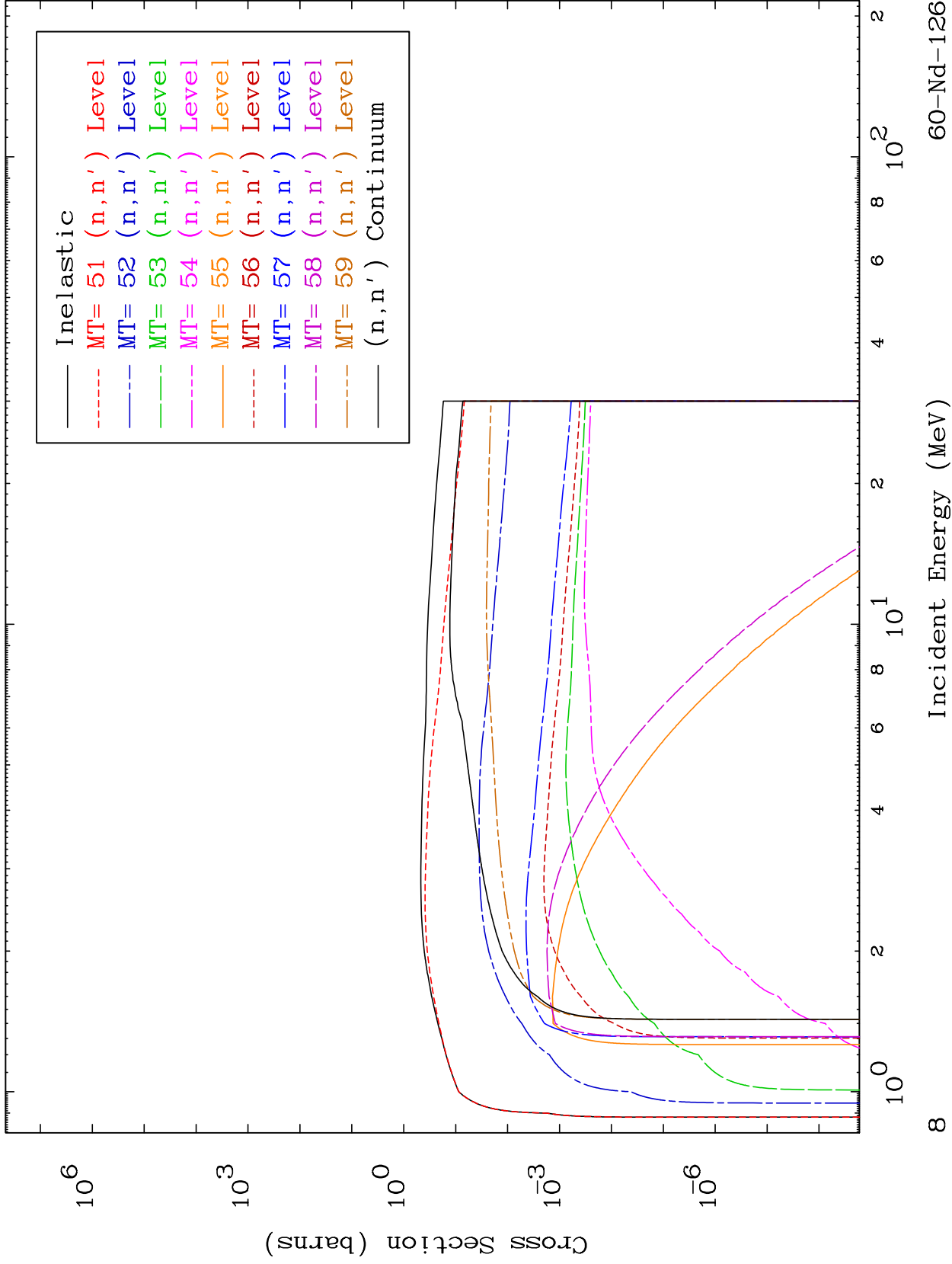
MAT 5977

Particle Production
293 Kelvin Cross Sections

60-Nd-126



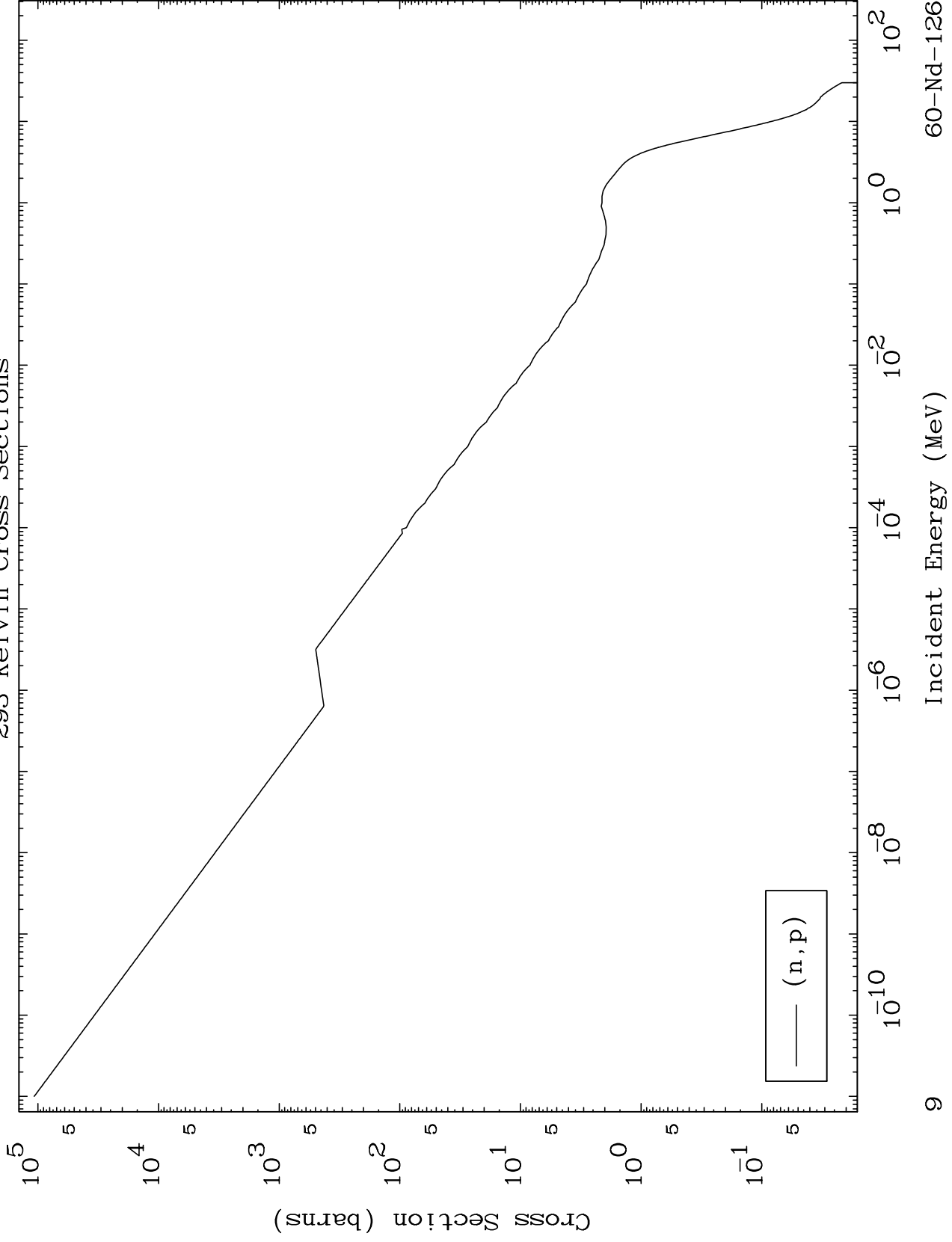
293 Kelvin Cross Sections



MAT 5977

(n,p) Levels
293 Kelvin Cross Sections

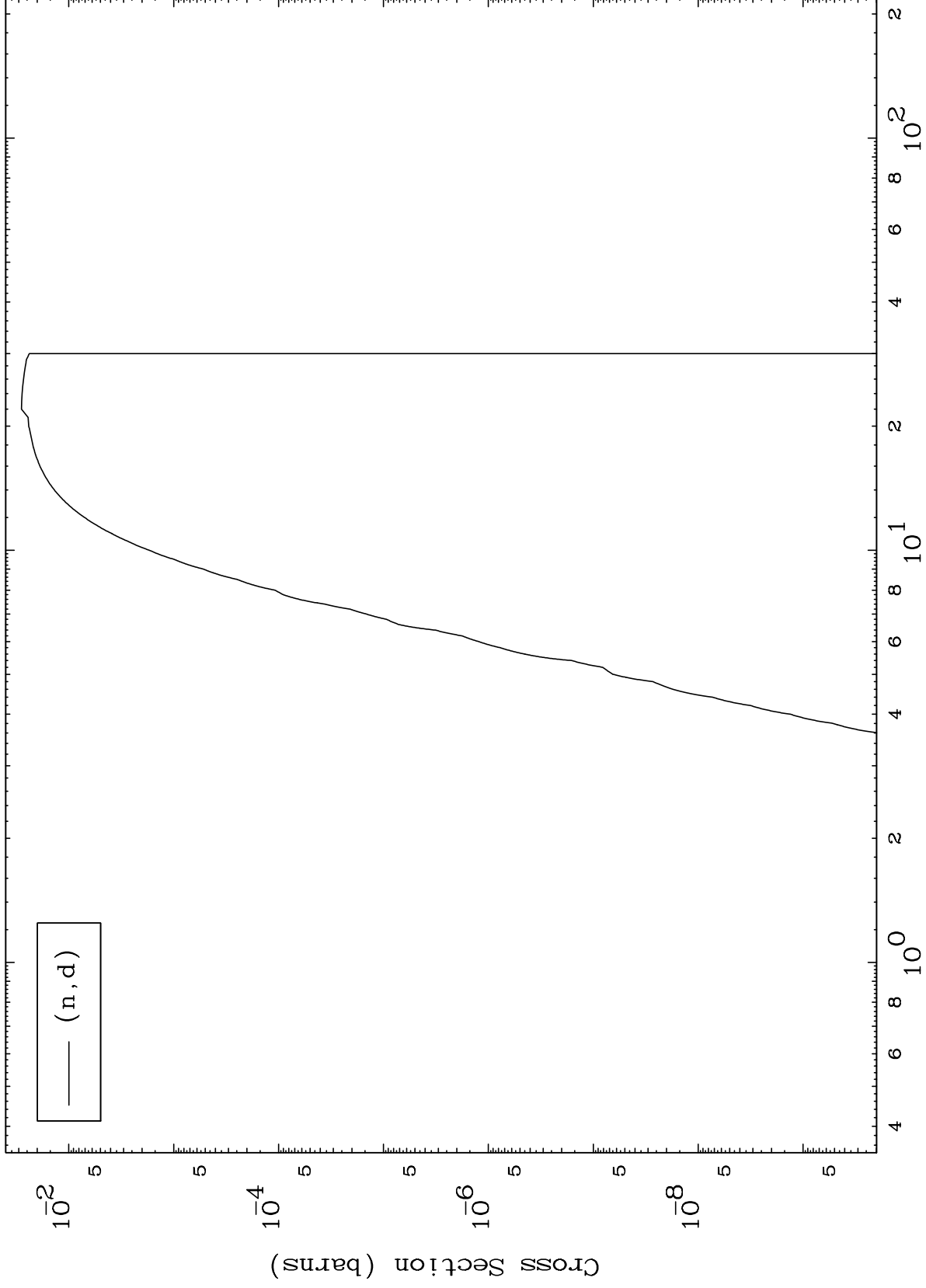
60-Nd-126



MAT 5977

(n,d) Levels
293 Kelvin Cross Sections

60-Nd-126



10

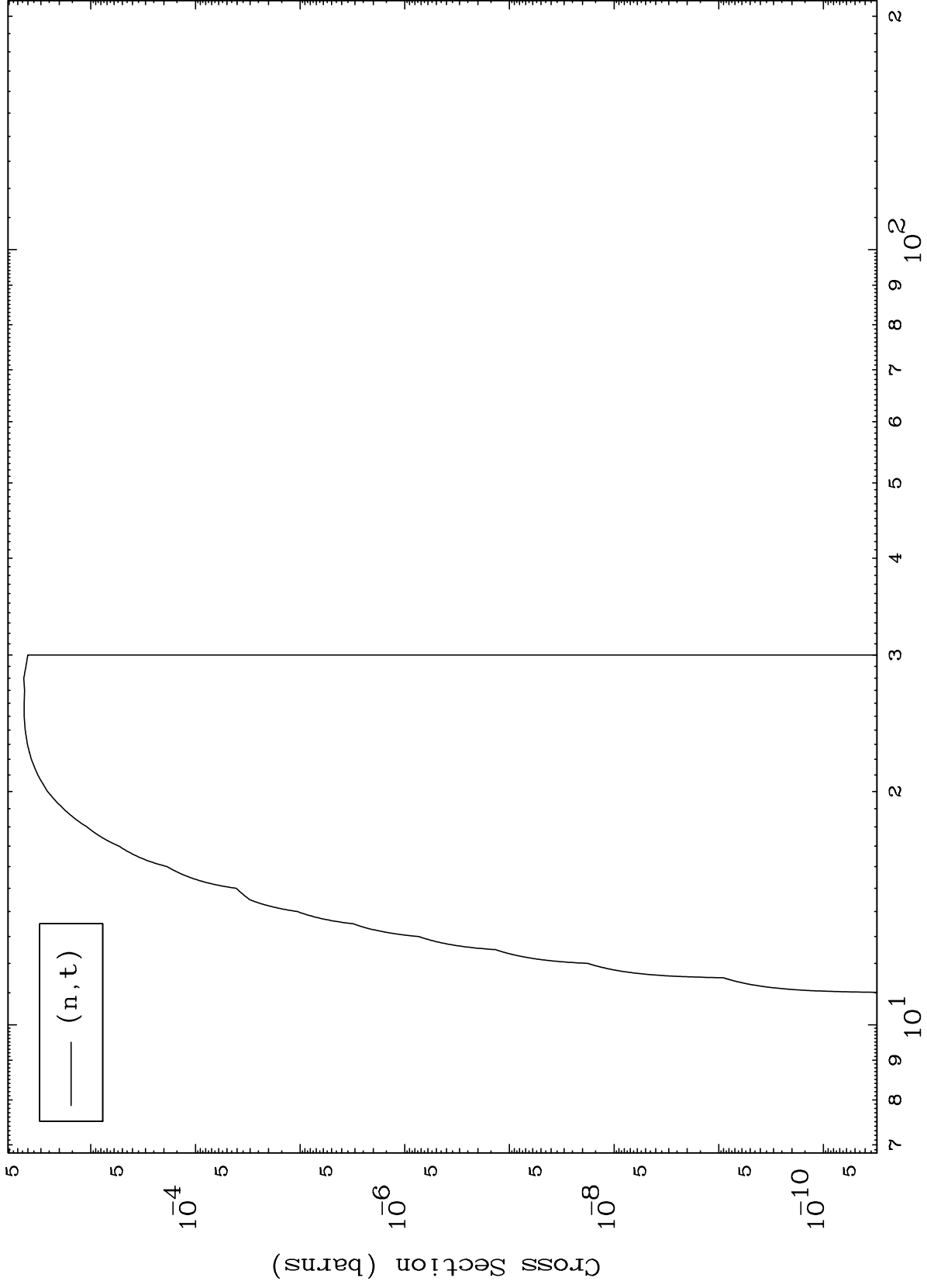
Incident Energy (MeV)

60-Nd-126

MAT 5977

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-126



11

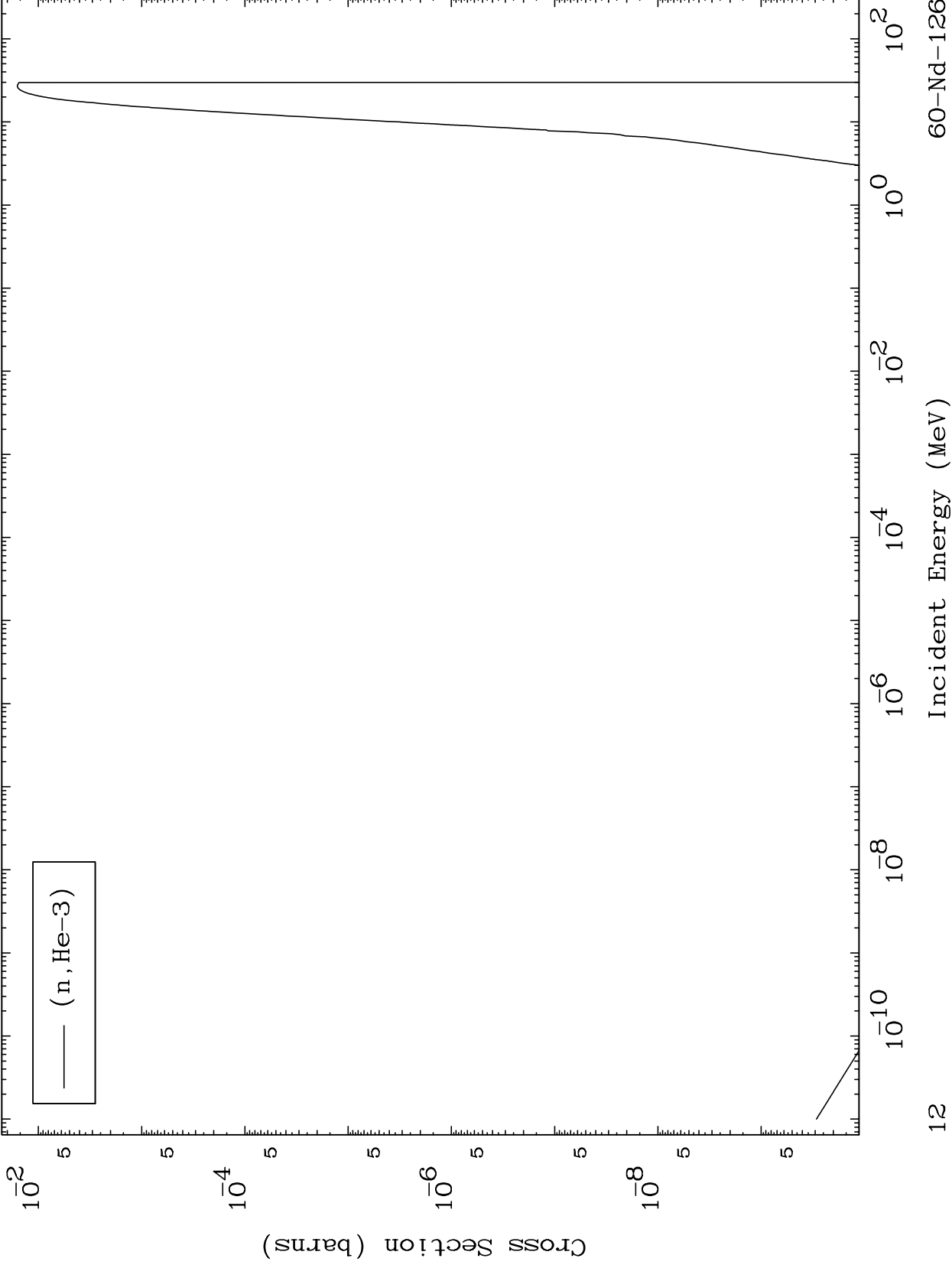
Incident Energy (MeV)

60-Nd-126

MAT 5977

(n,He3) Levels
293 Kelvin Cross Sections

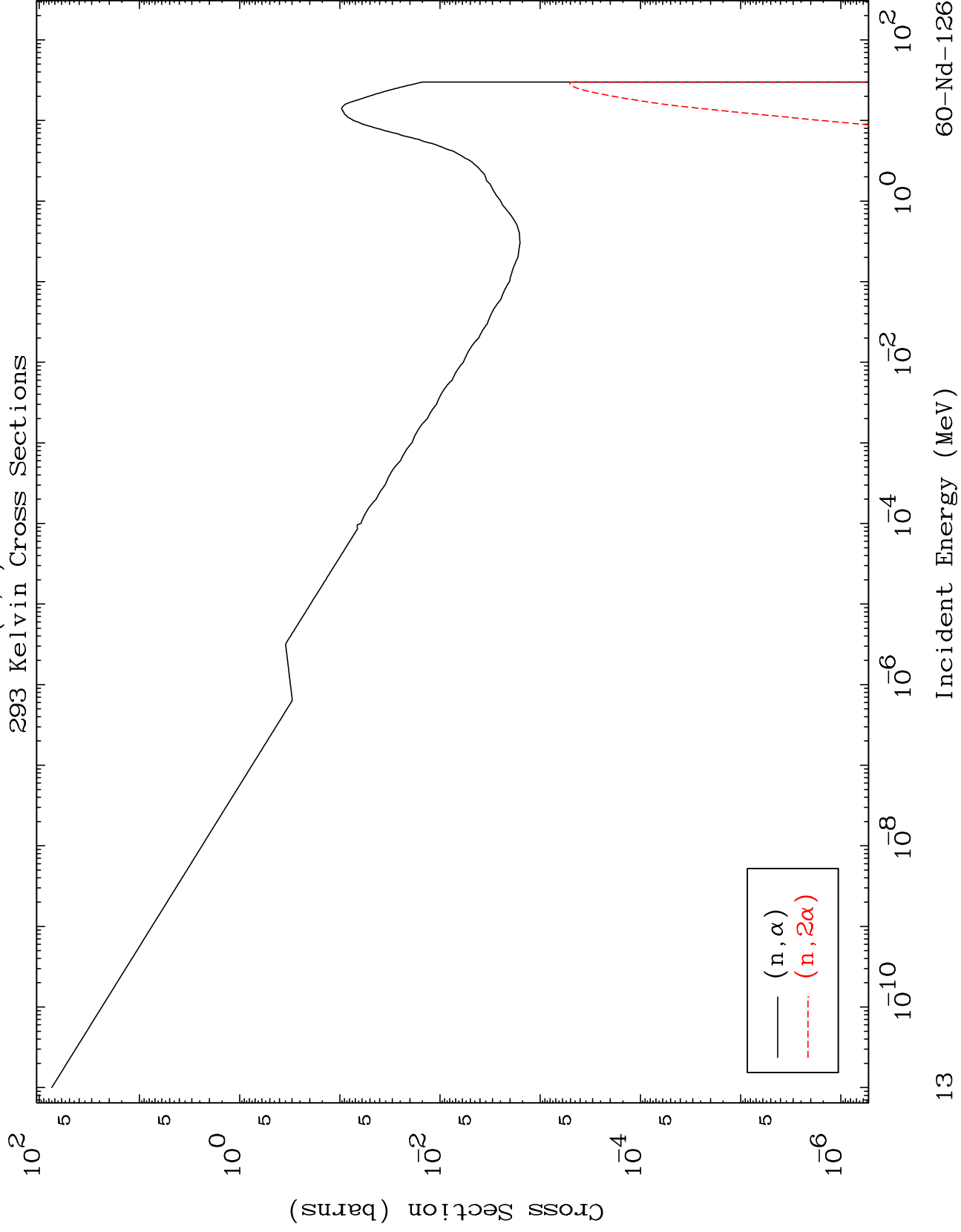
60-Nd-126



MAT 5977

(n,α) Levels
293 Kelvin Cross Sections

60-Nd-126

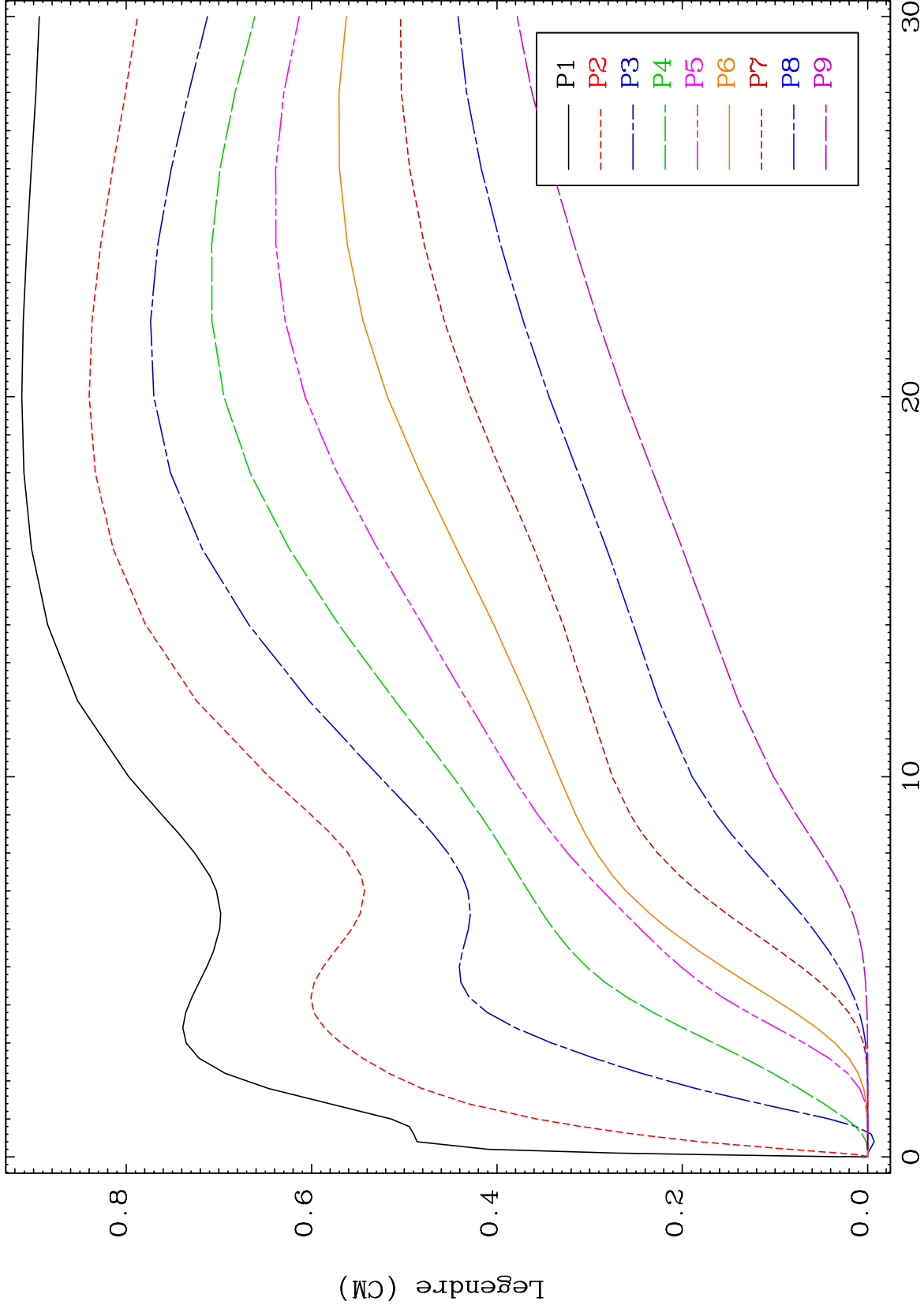


13

MAT 5977

Elastic Legendre Coefficients

60-Nd-126



14

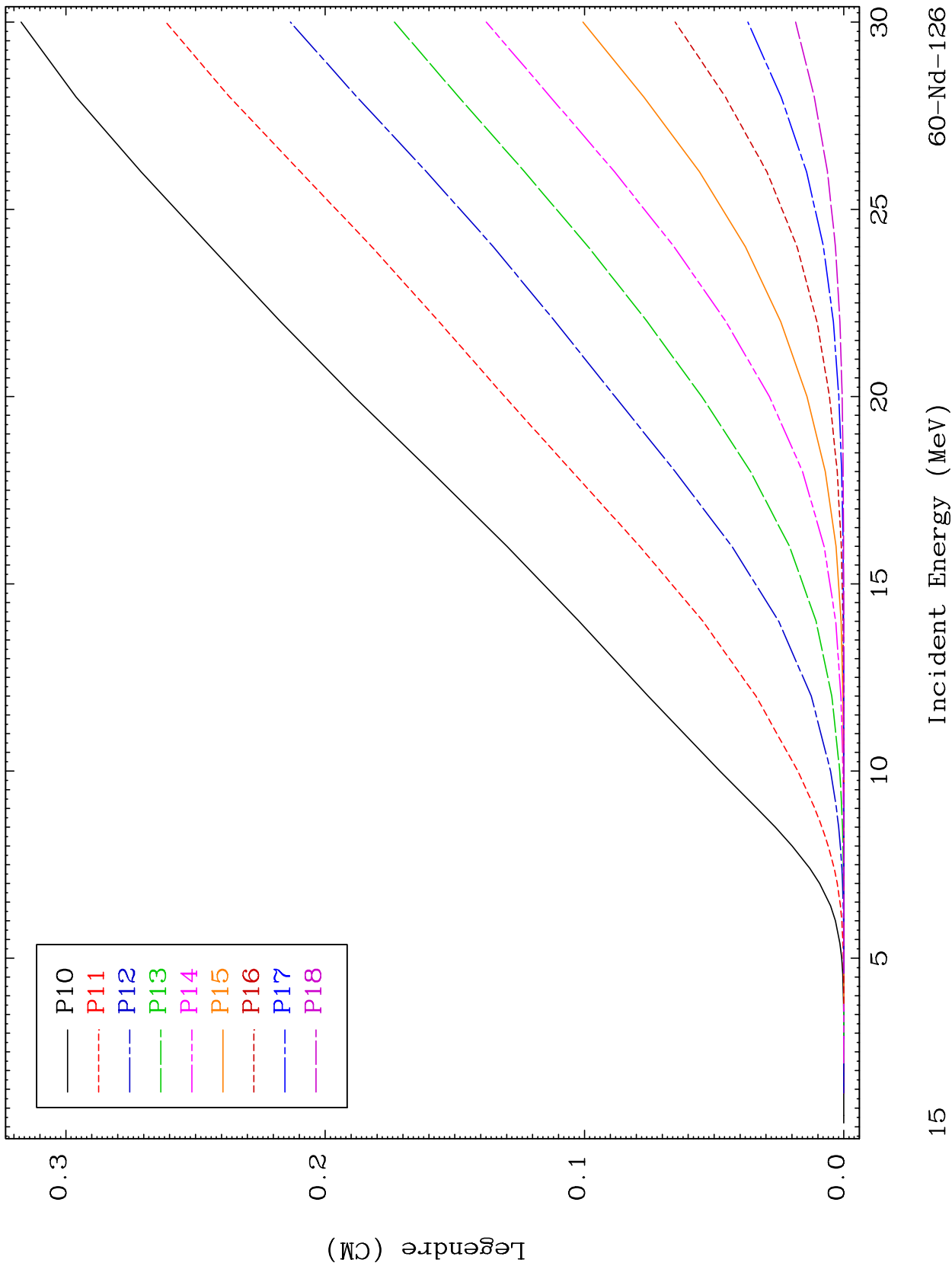
Incident Energy (MeV)

60-Nd-126

MAT 5977

Elastic Legendre Coefficients

60-Nd-126



15

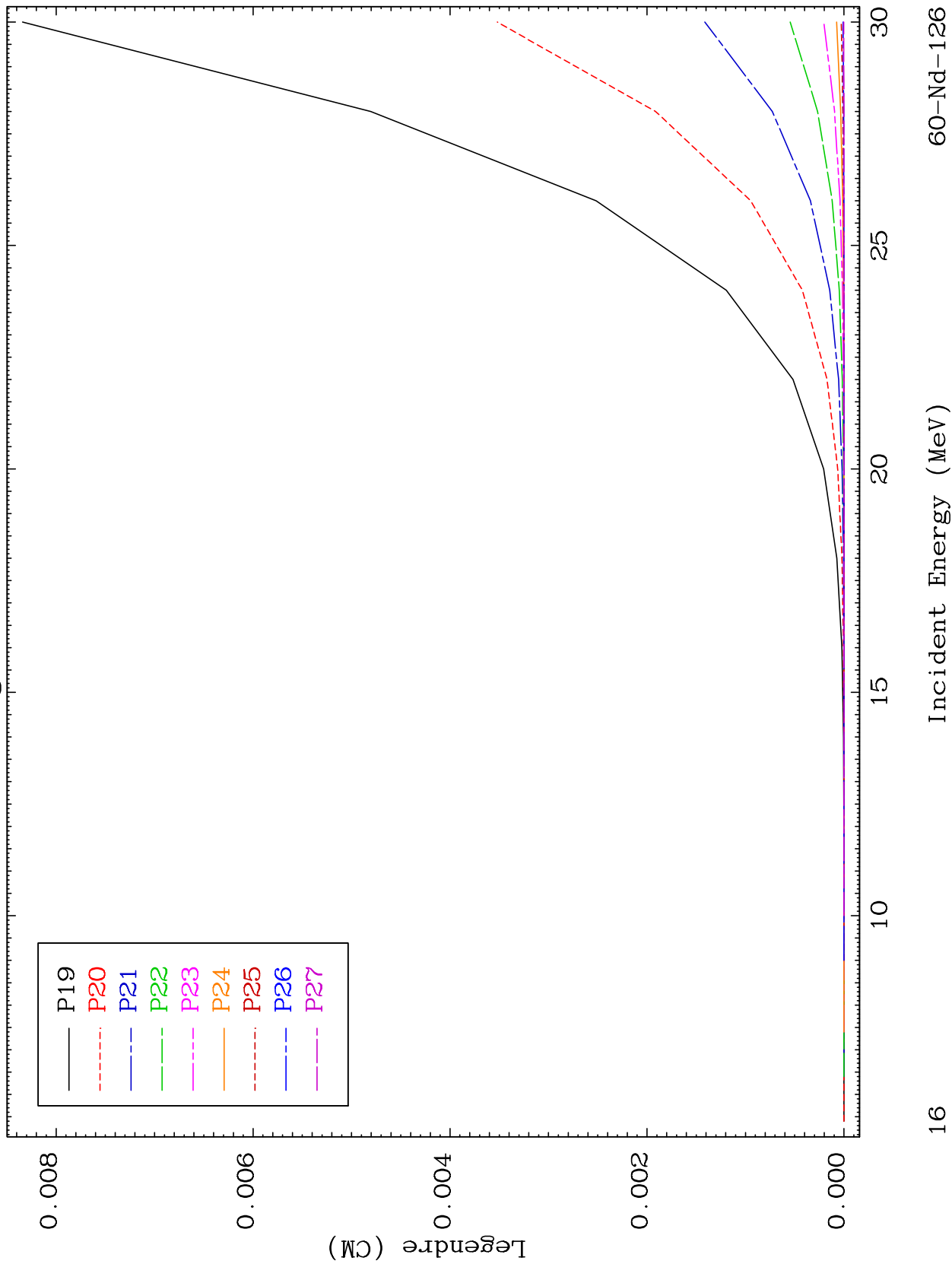
Incident Energy (MeV)

60-Nd-126

MAT 5977

Elastic Legendre Coefficients

⁶⁰Nd-126



16

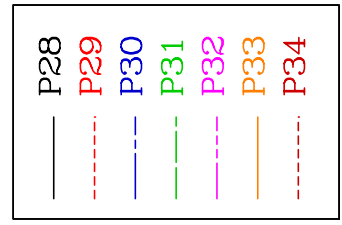
Incident Energy (MeV)

⁶⁰Nd-126

MAT 5977

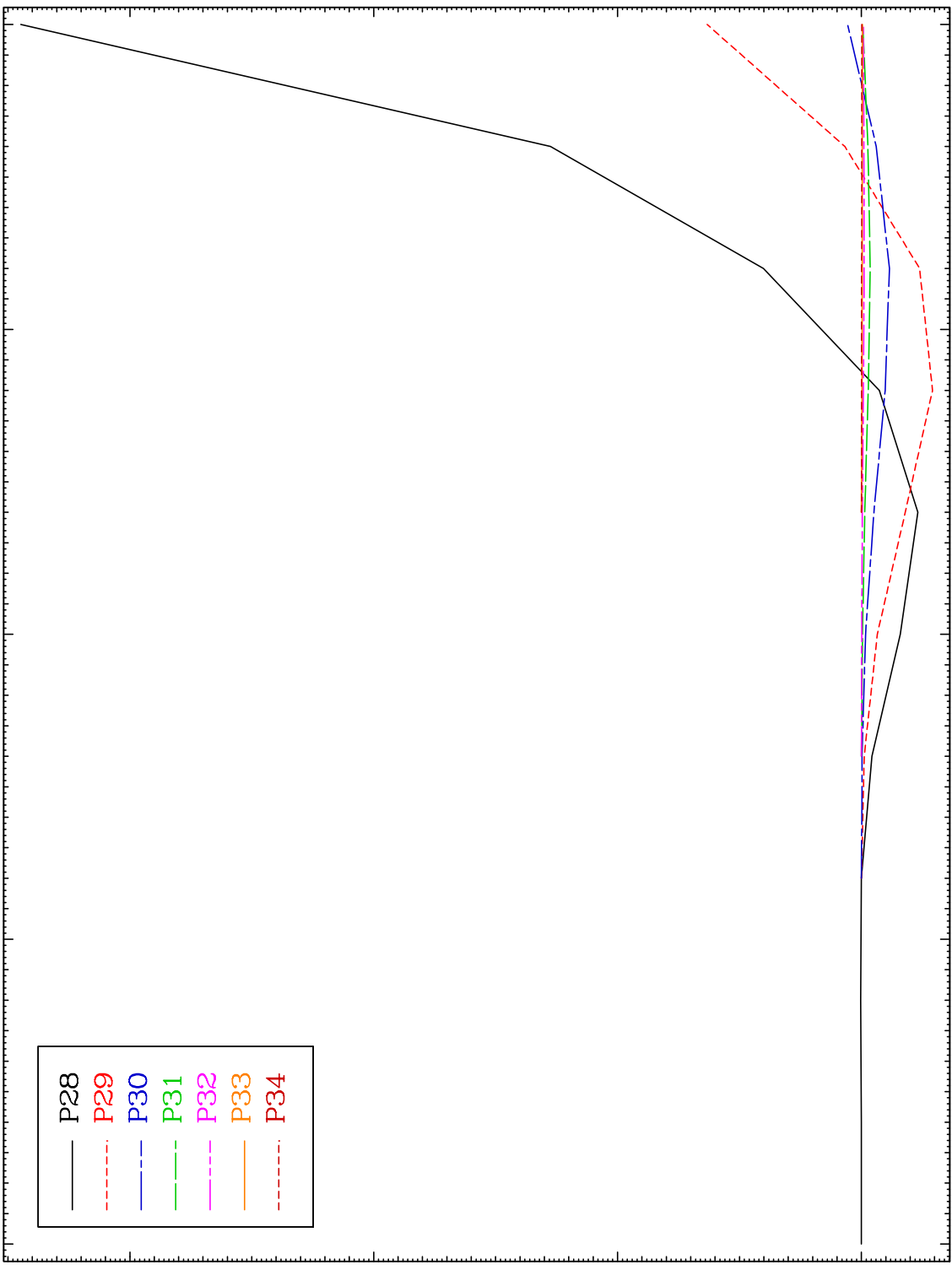
Elastic
Legendre Coefficients

60-Nd-126



$\times 10^{-7}$

Legendre (CM)



30

25

20

15

10

Incident Energy (MeV)

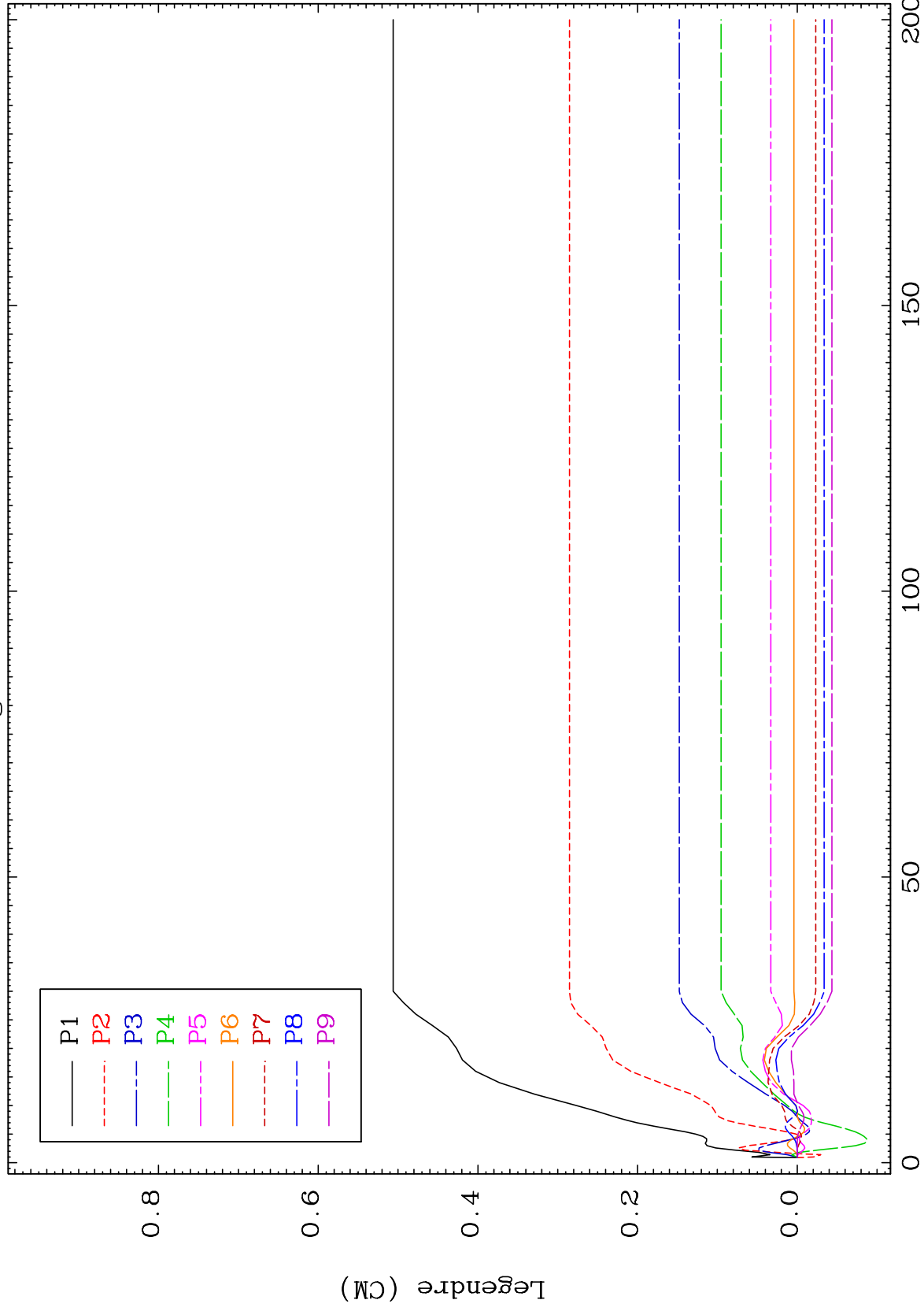
60-Nd-126

17

MAT 5977

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

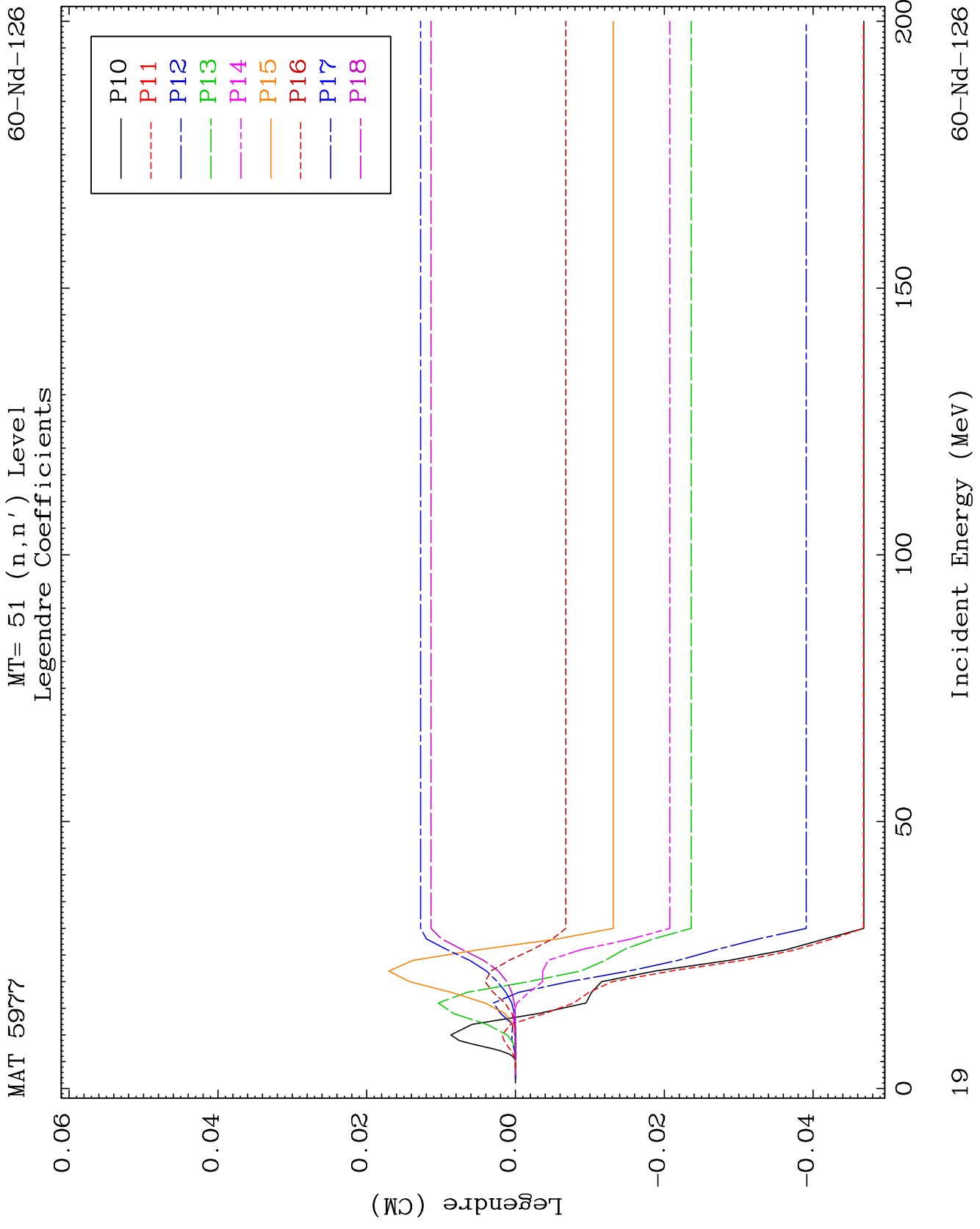
60-Nd-126



18

Incident Energy (MeV)

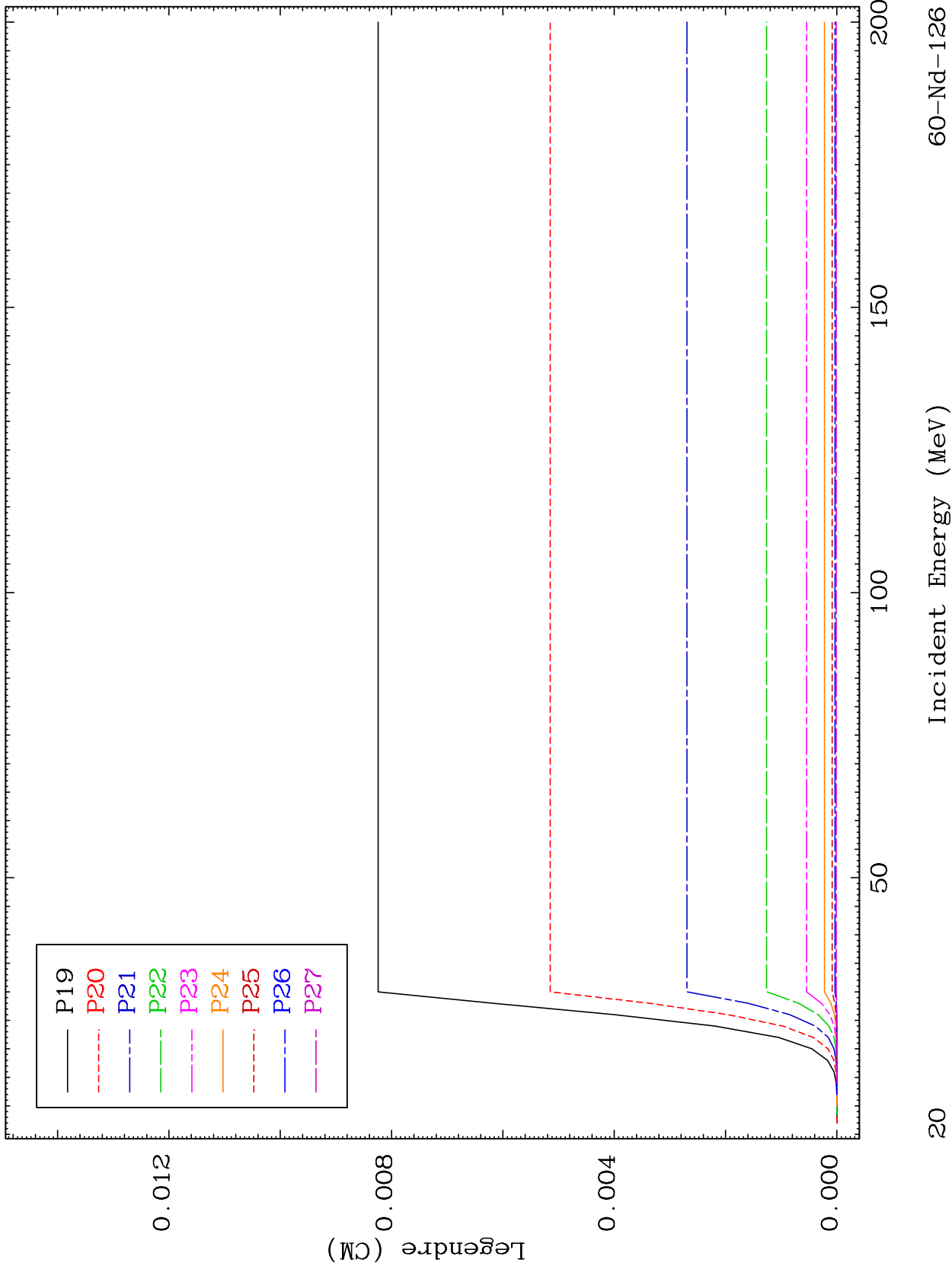
60-Nd-126



MAT 5977

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

60-Nd-126



20

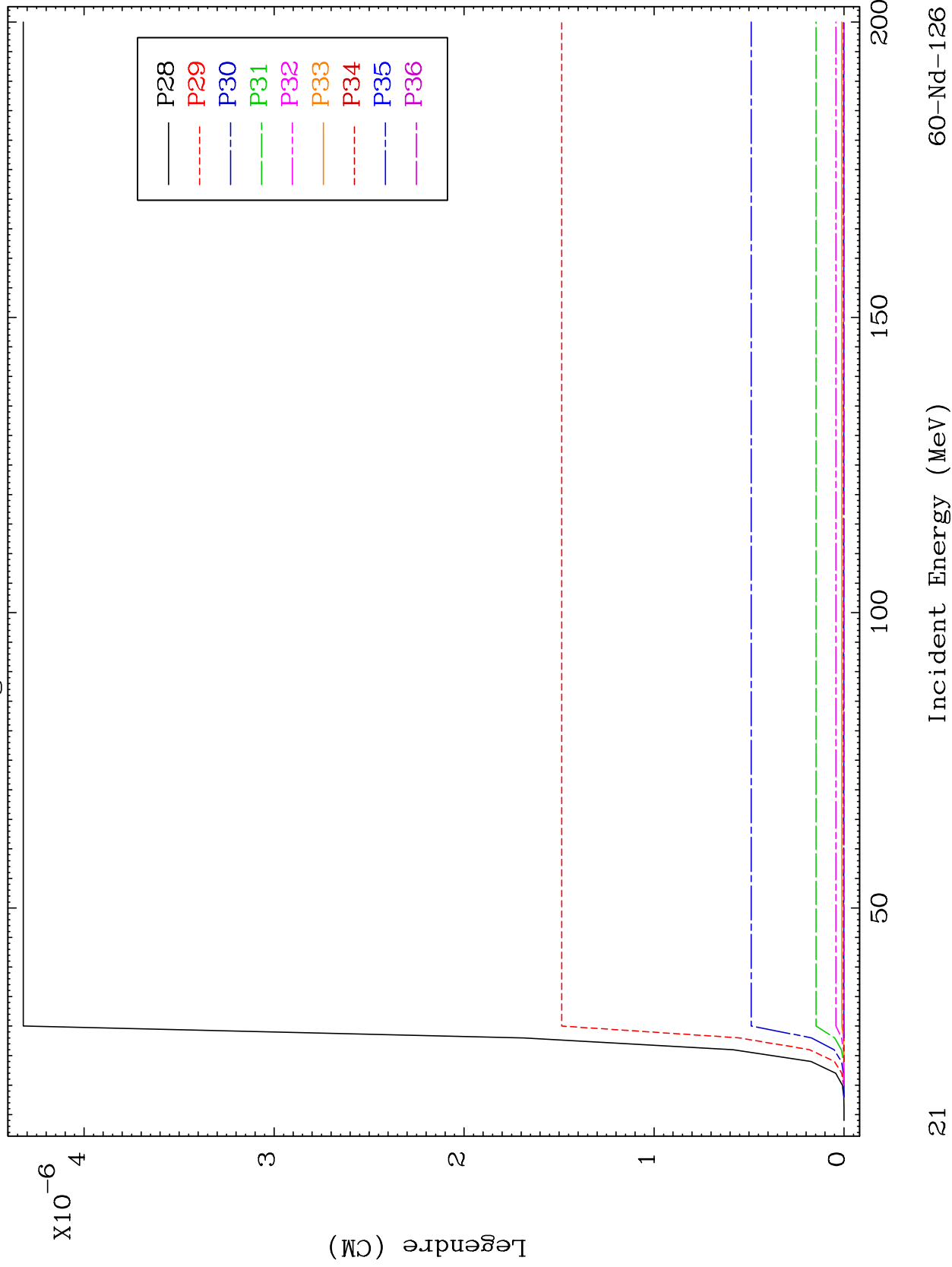
Incident Energy (MeV)

60-Nd-126

MAT 5977

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

60-Nd-126



21

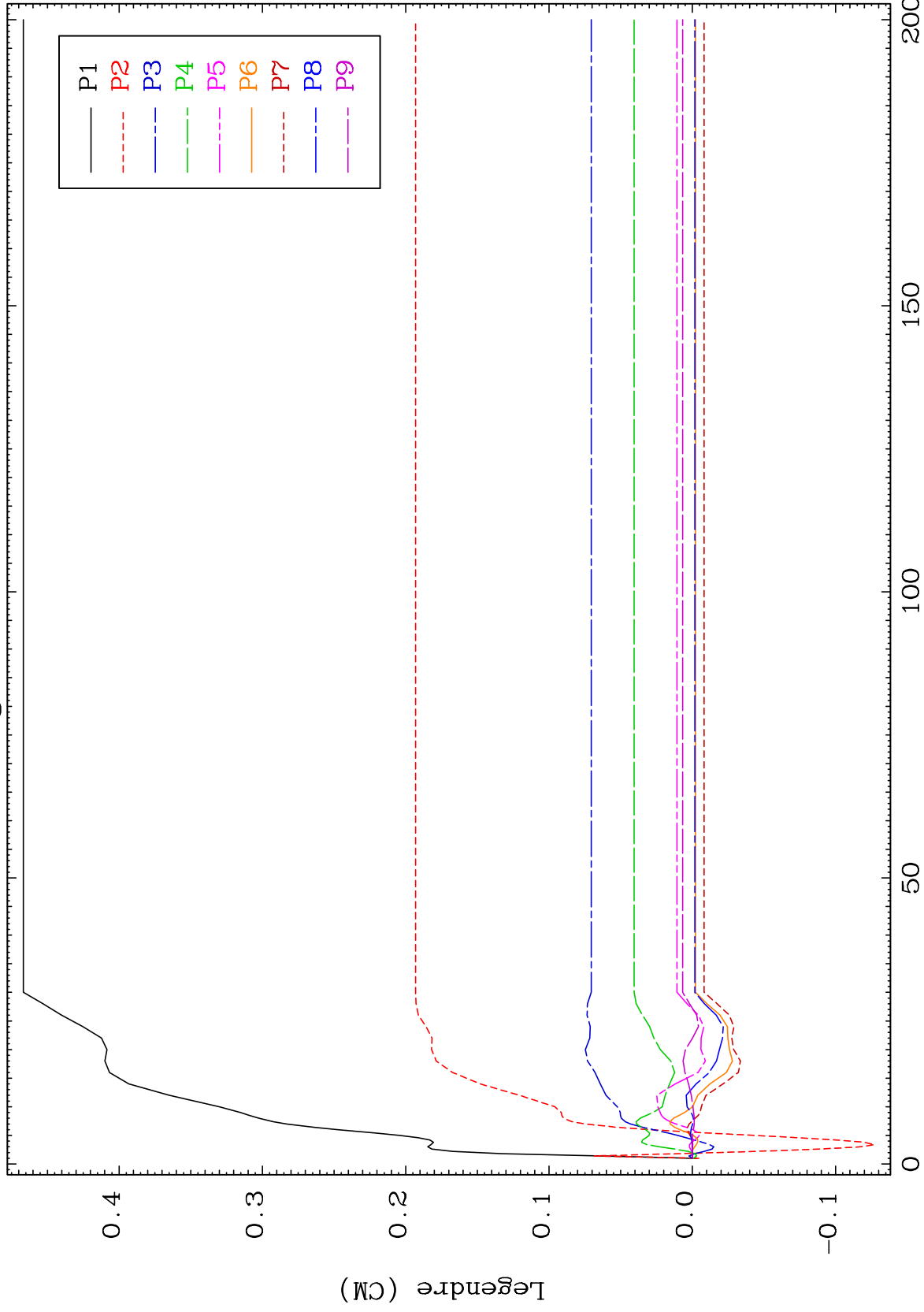
Incident Energy (MeV)

60-Nd-126

MAT 5977

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

60-Nd-126



60-Nd-126

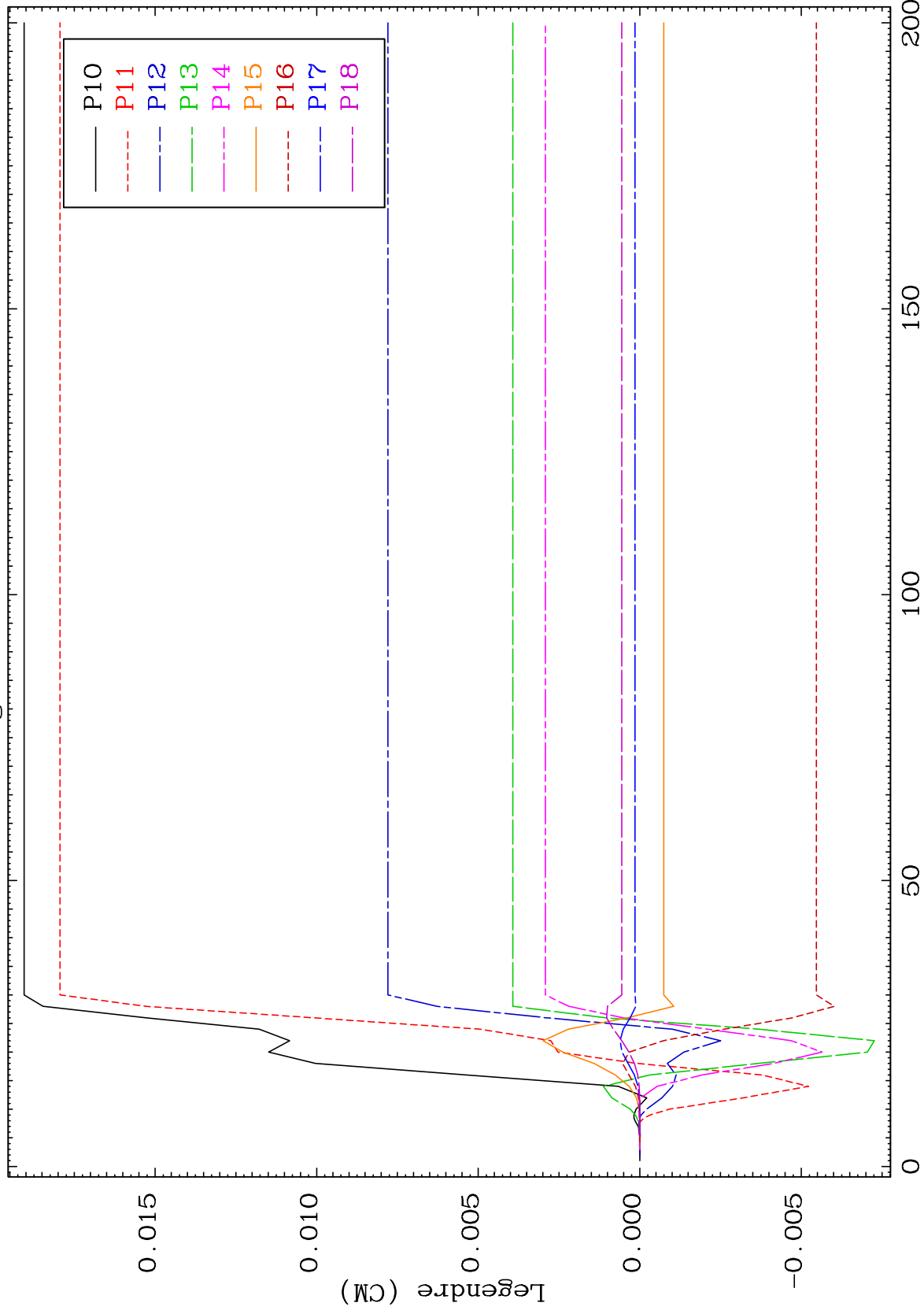
Incident Energy (MeV)

22

MAT 5977

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

60-Nd-126



23

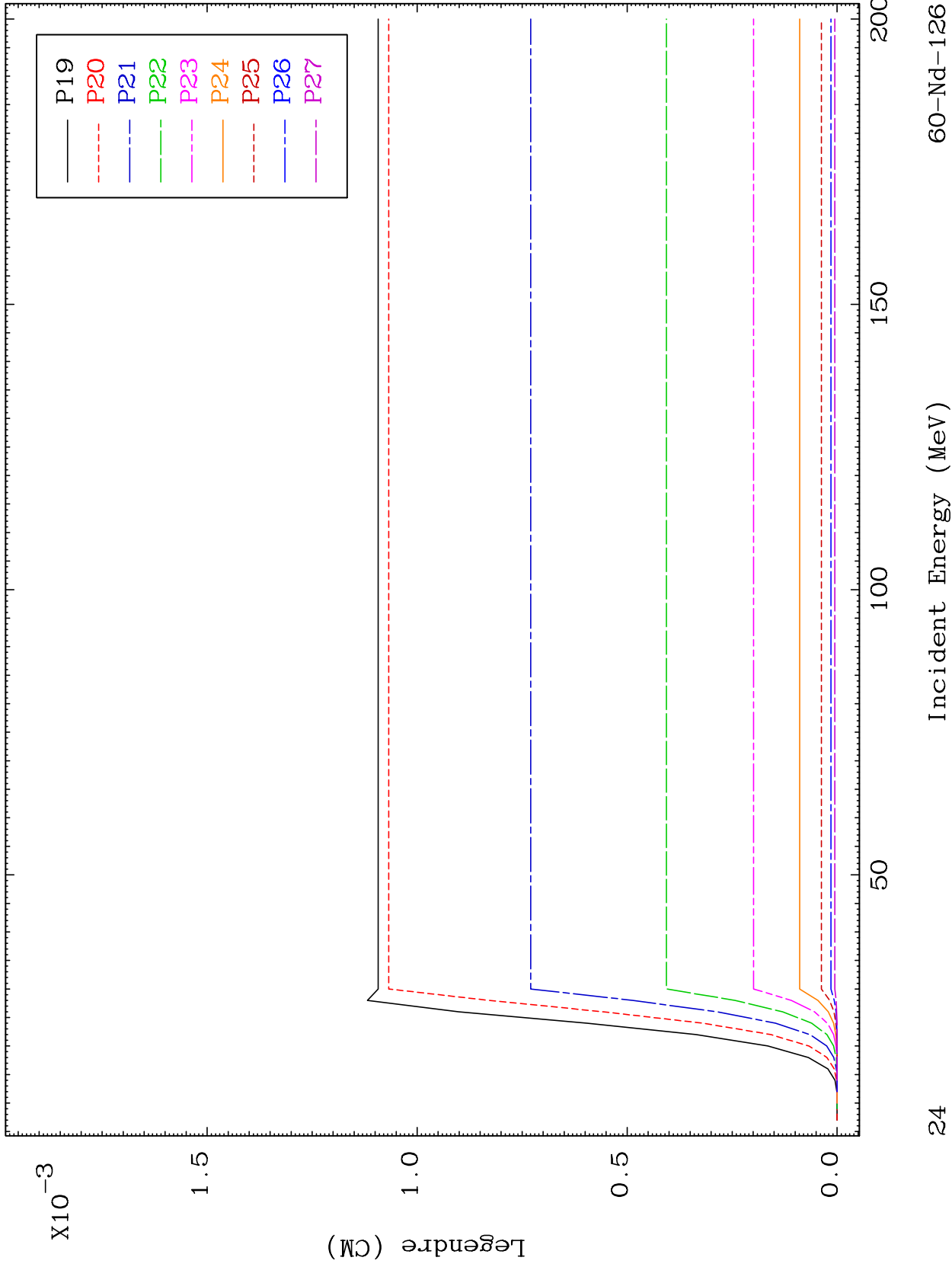
Incident Energy (MeV)

60-Nd-126

MAT 5977

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

60-Nd-126



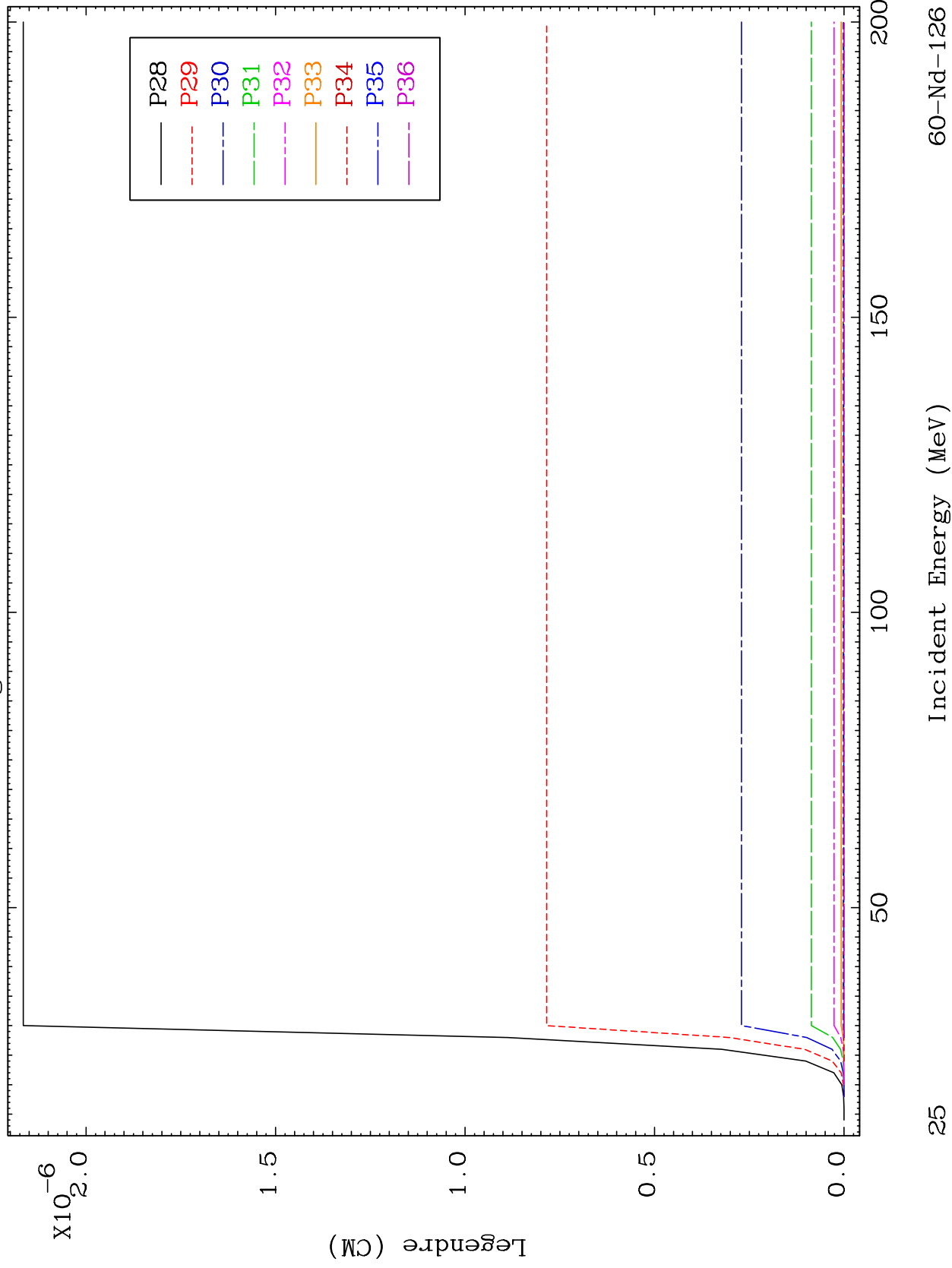
24

60-Nd-126

MAT 5977

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

60-Nd-126



60-Nd-126

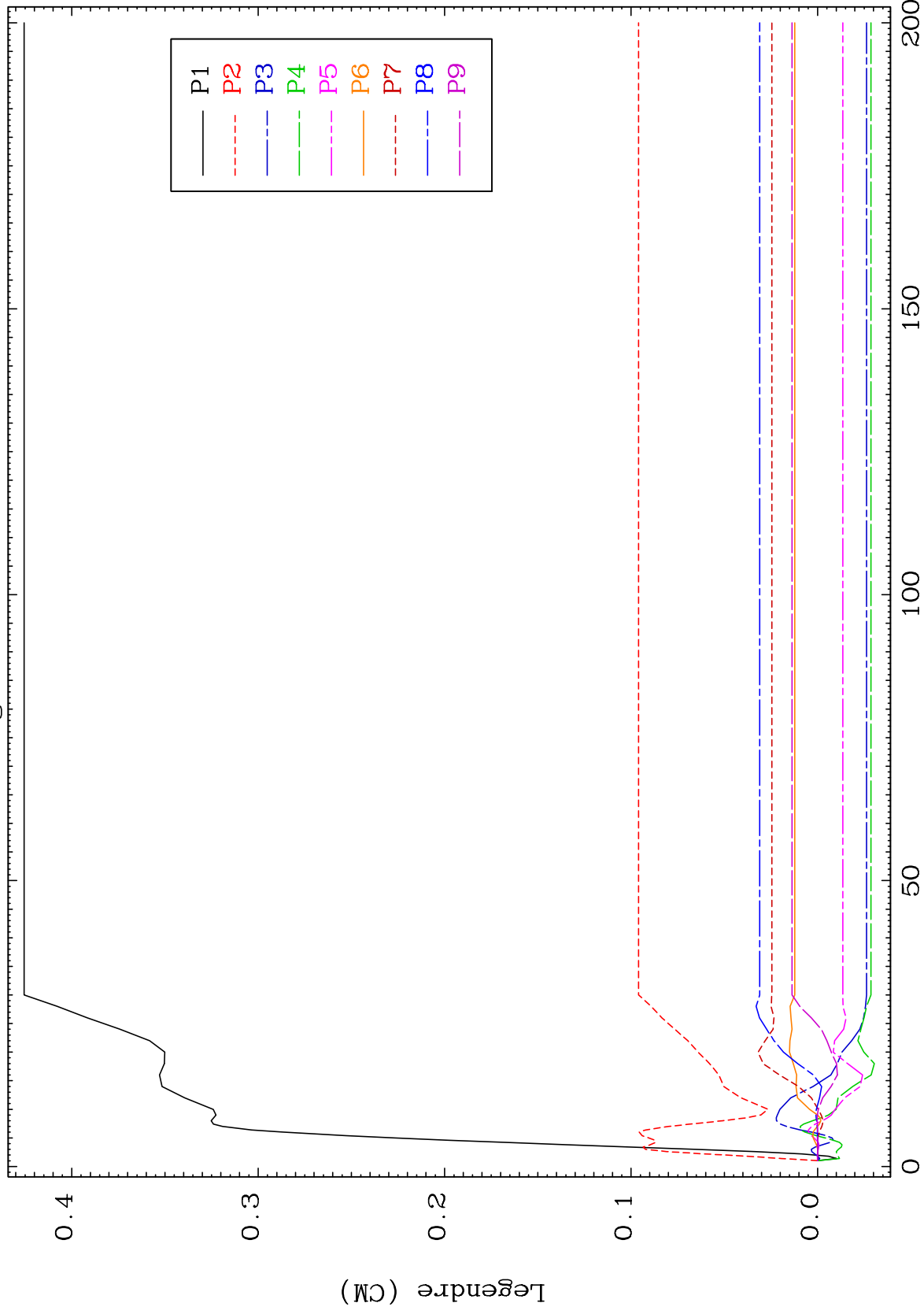
Incident Energy (MeV)

25

MAT 5977

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

60-Nd-126



26

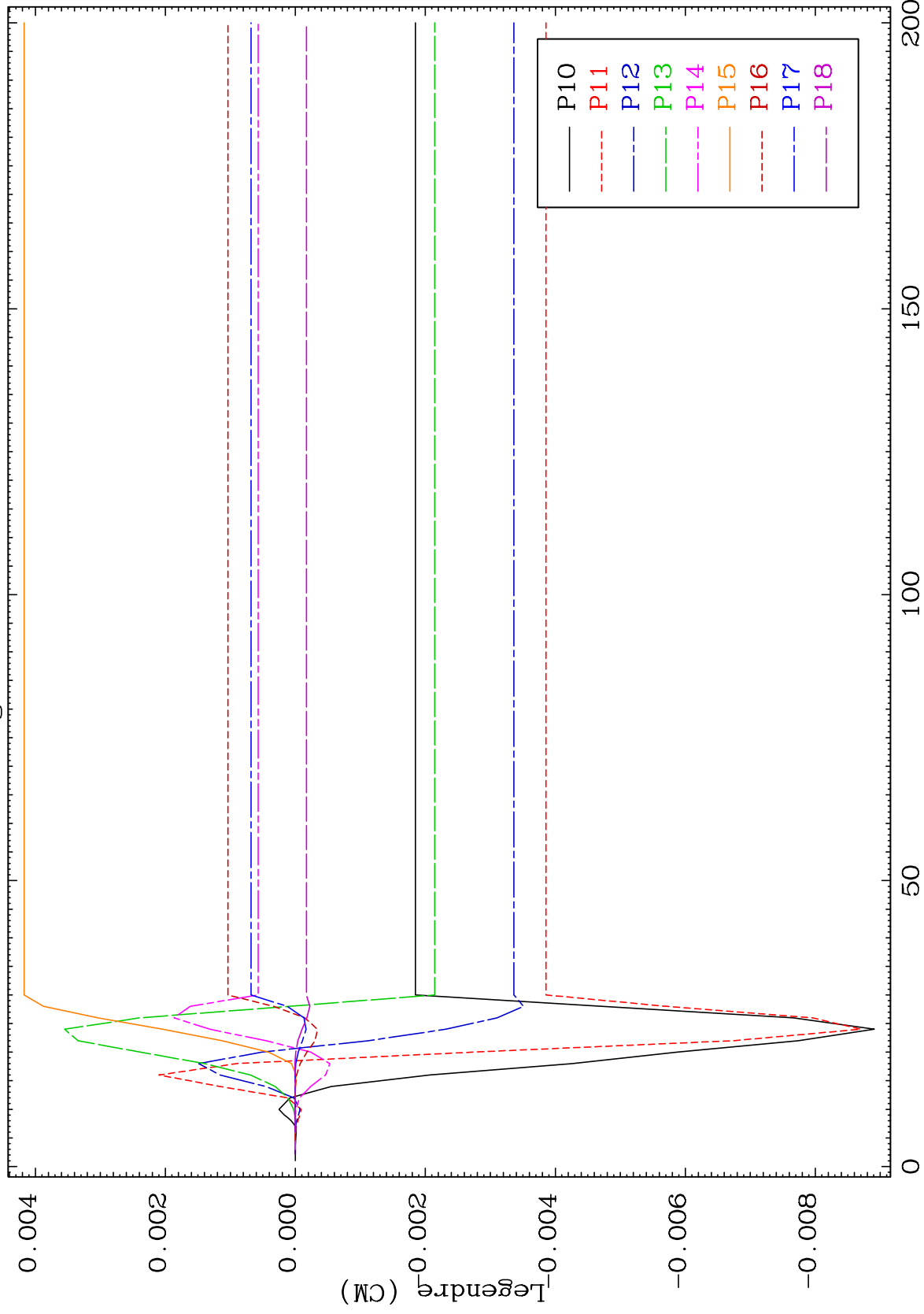
Incident Energy (MeV)

60-Nd-126

MAT 5977

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

60-Nd-126



27

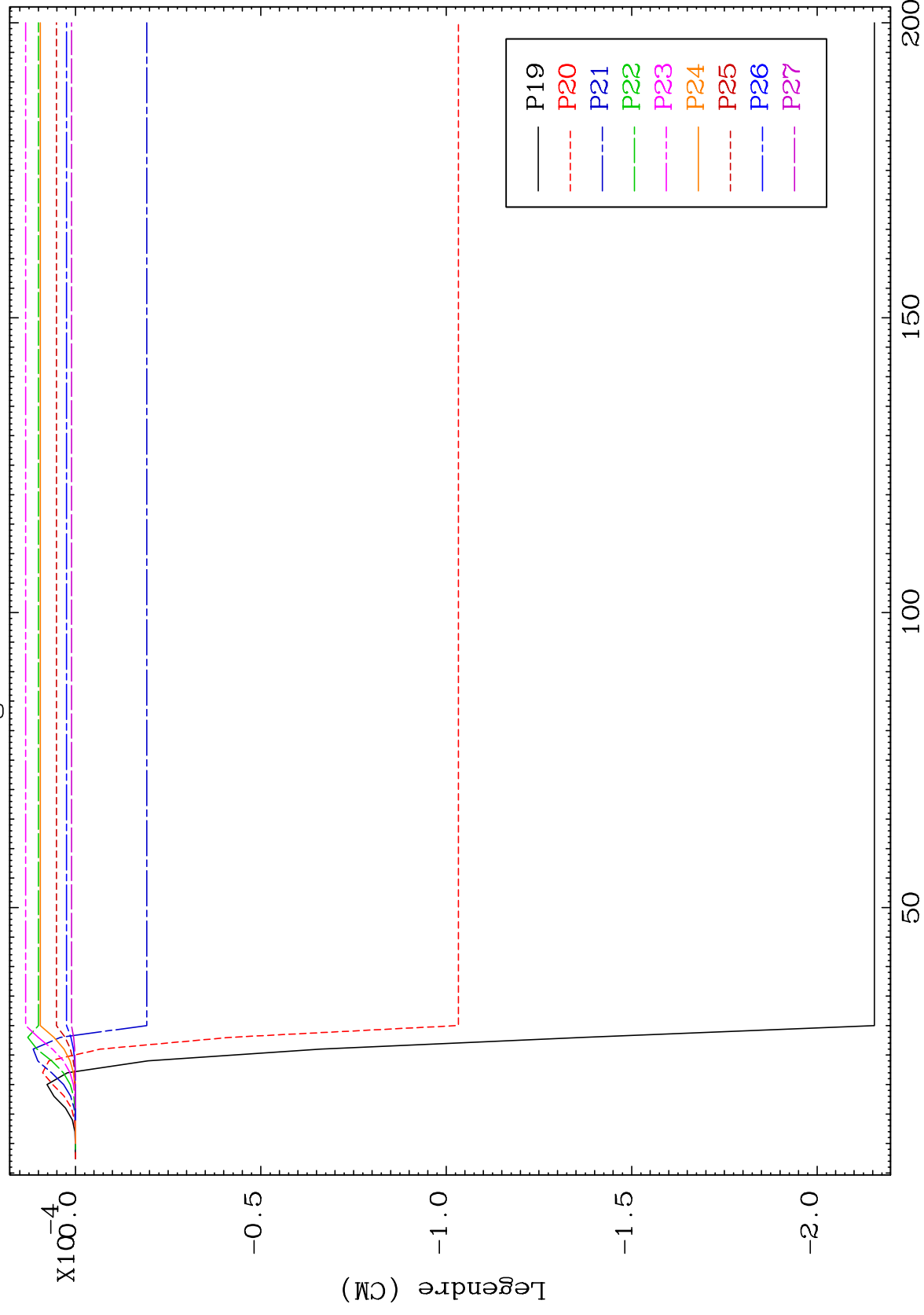
Incident Energy (MeV)

60-Nd-126

MAT 5977

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

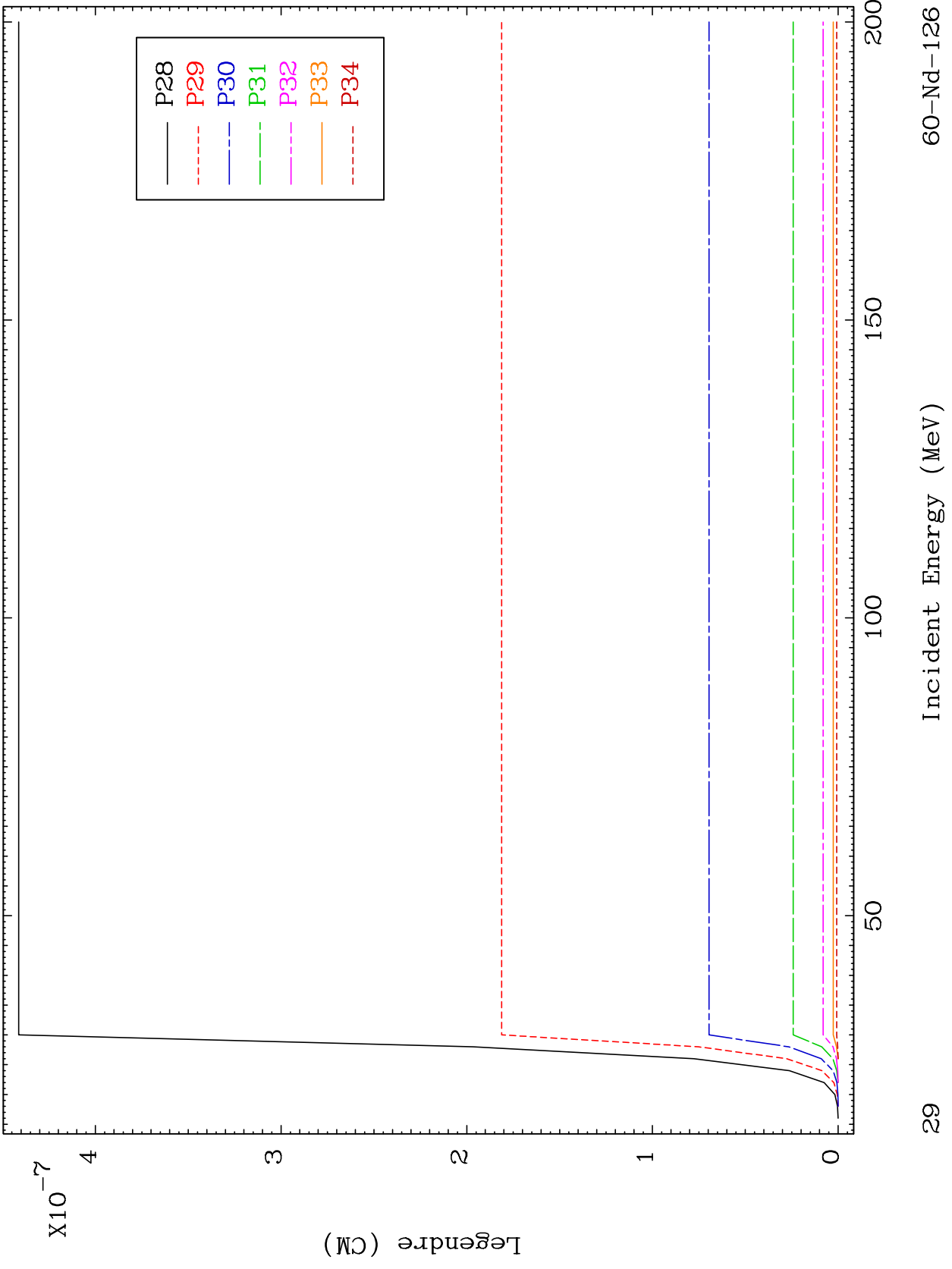
60-Nd-126



MAT 5977

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

60-Nd-126



29

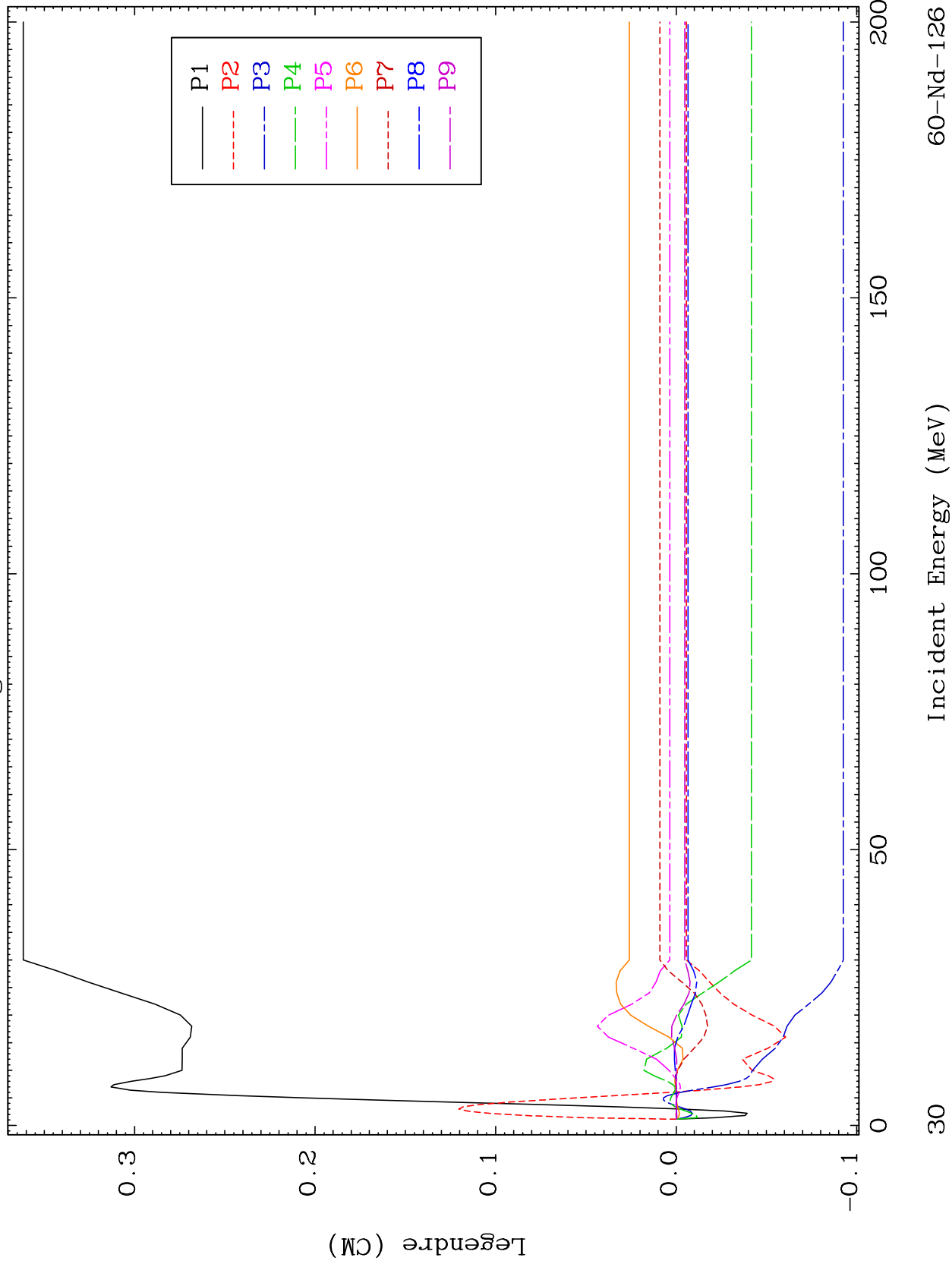
Incident Energy (MeV)

60-Nd-126

MAT 5977

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

60-Nd-126

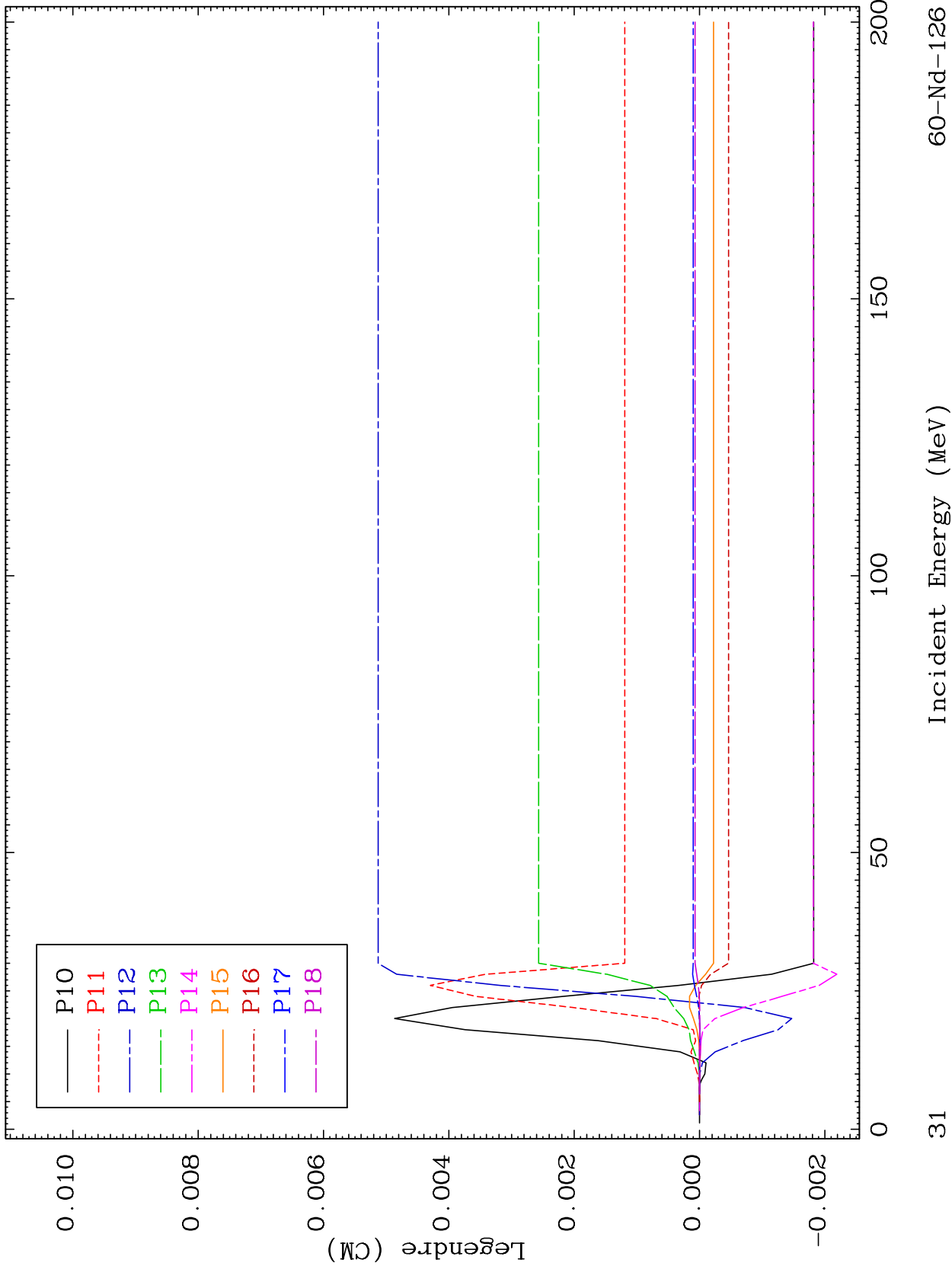


60-Nd-126

MAT 5977

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

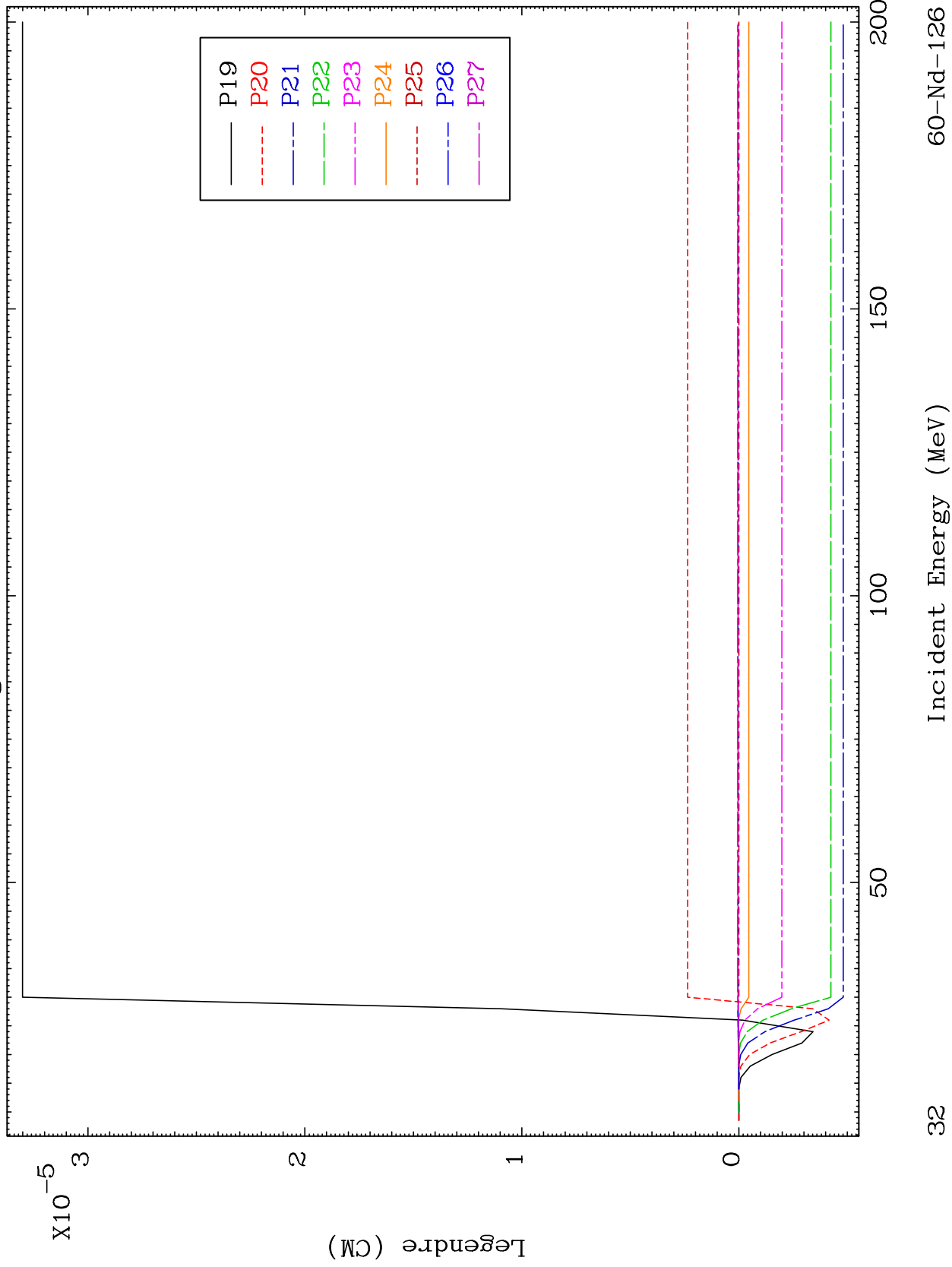
60-Nd-126



MAT 5977

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

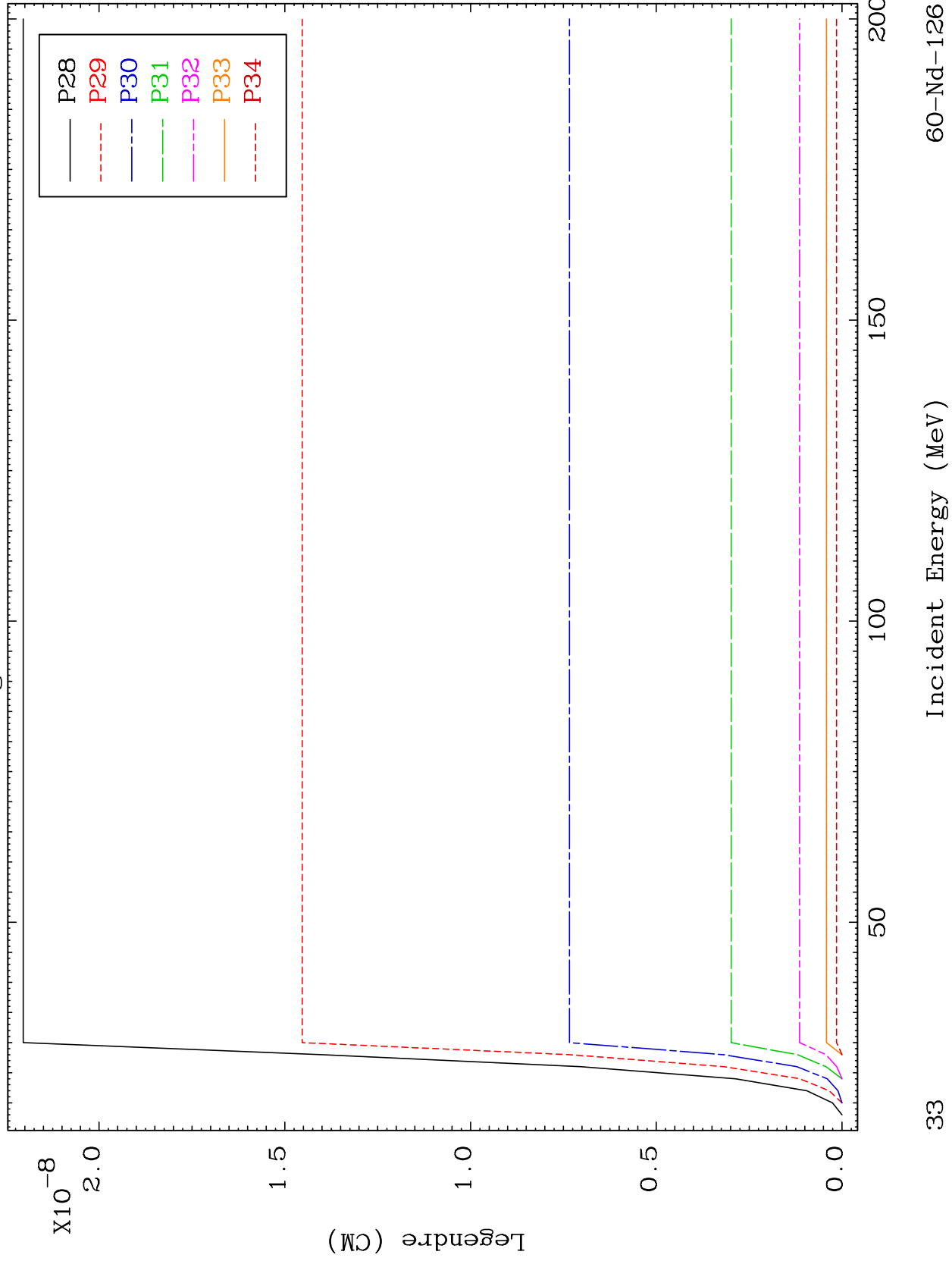
60-Nd-126



MAT 5977

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

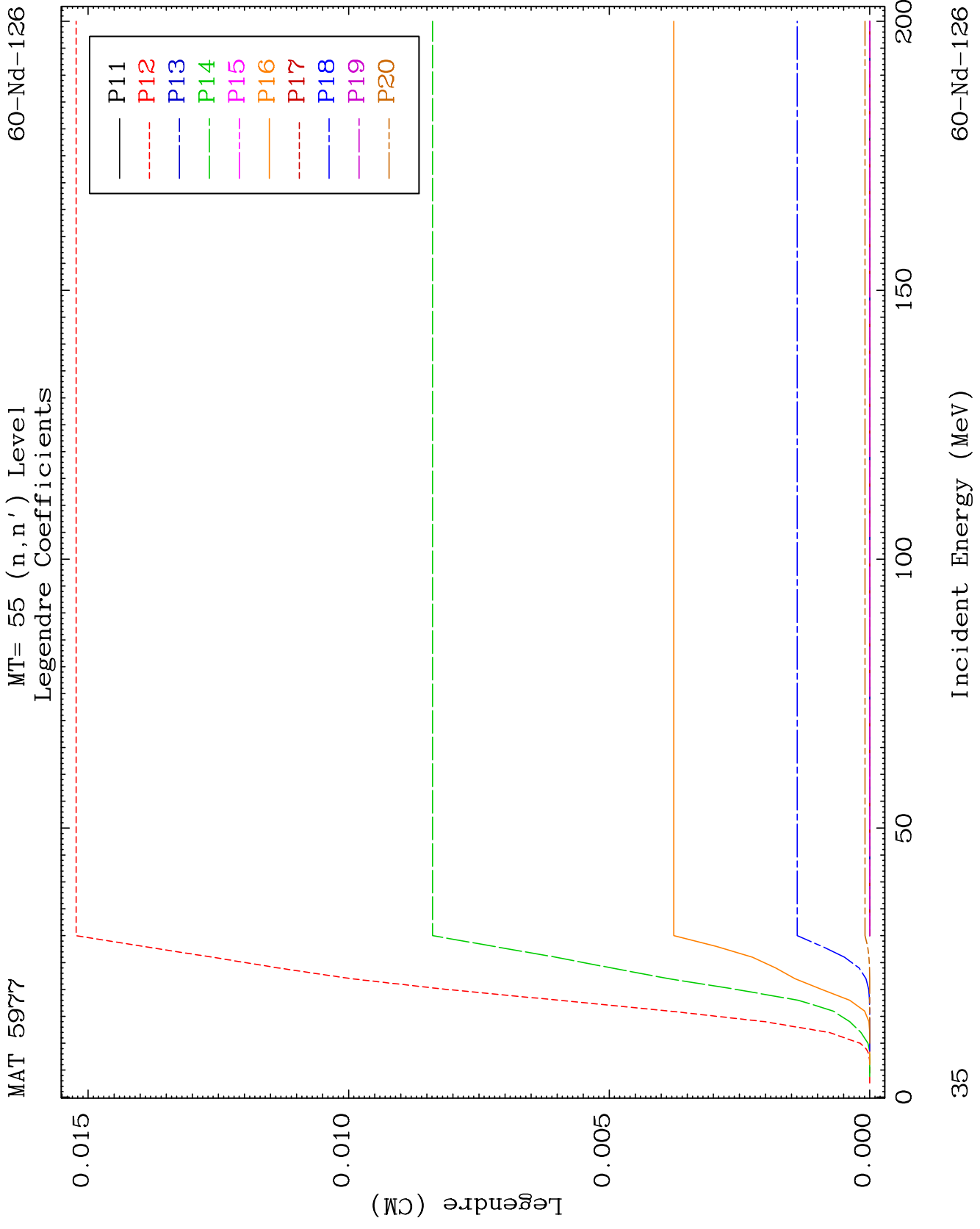
60-Nd-126

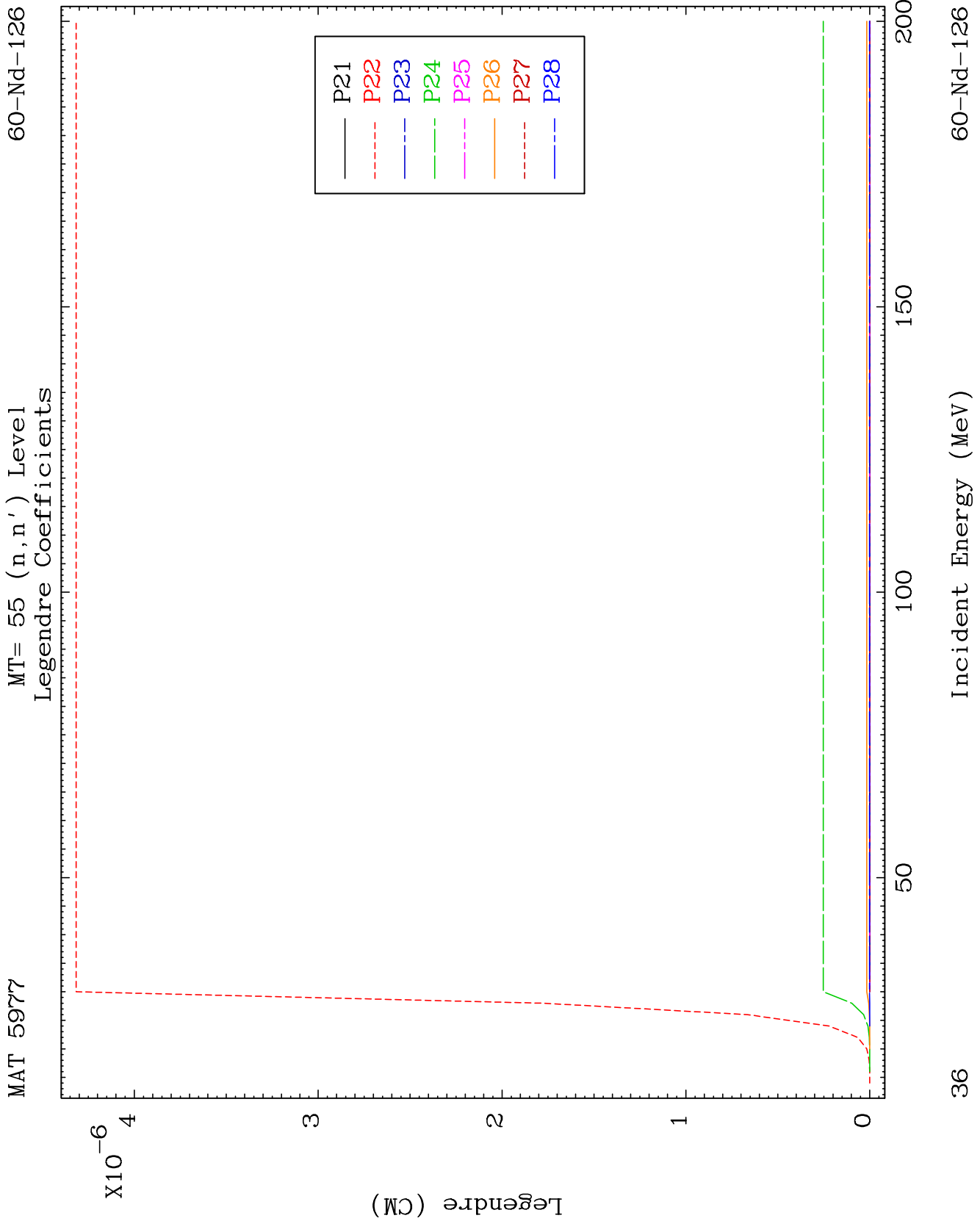


33

Incident Energy (MeV)

60-Nd-126

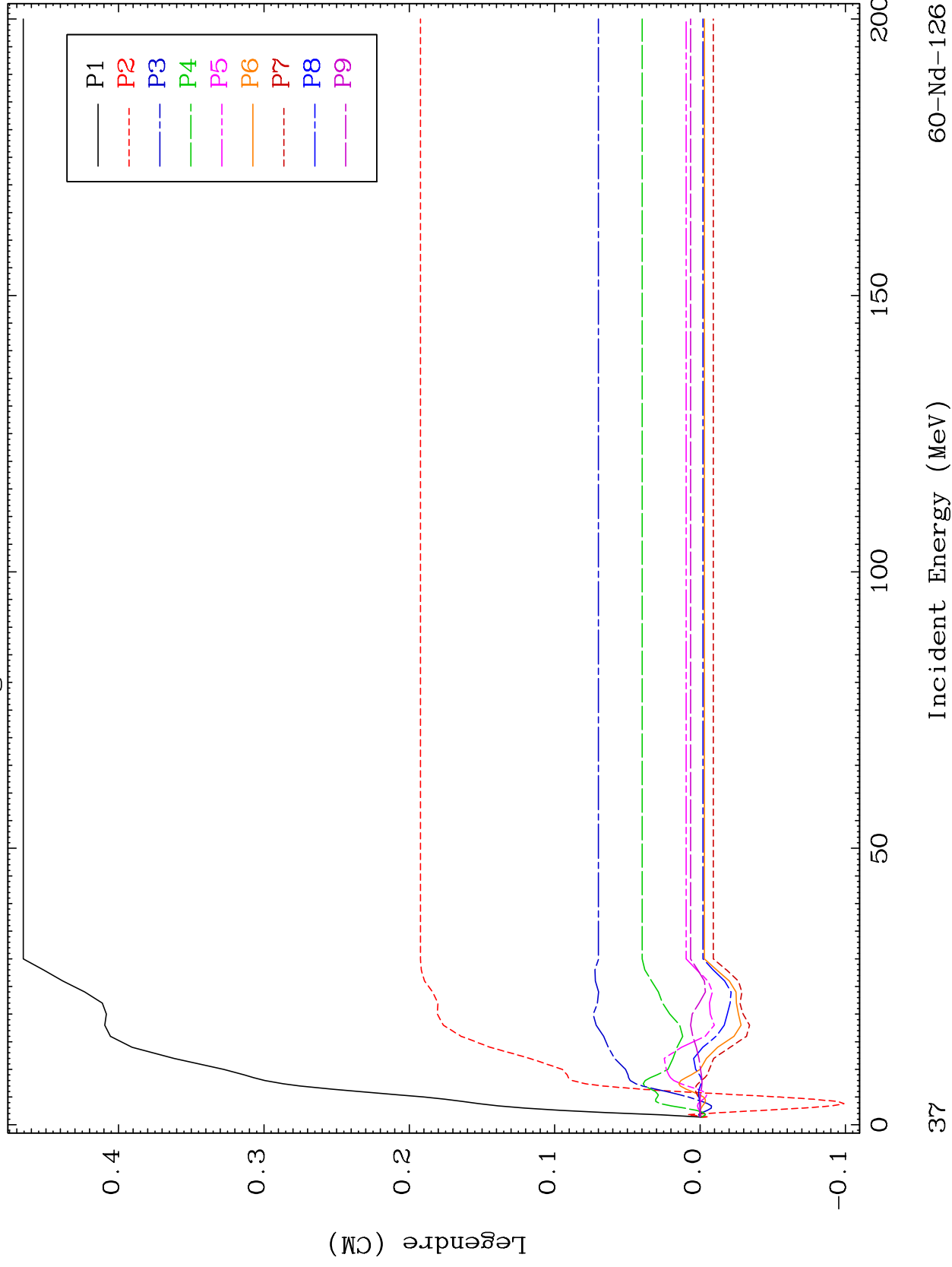




MAT 5977

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

60-Nd-126



60-Nd-126

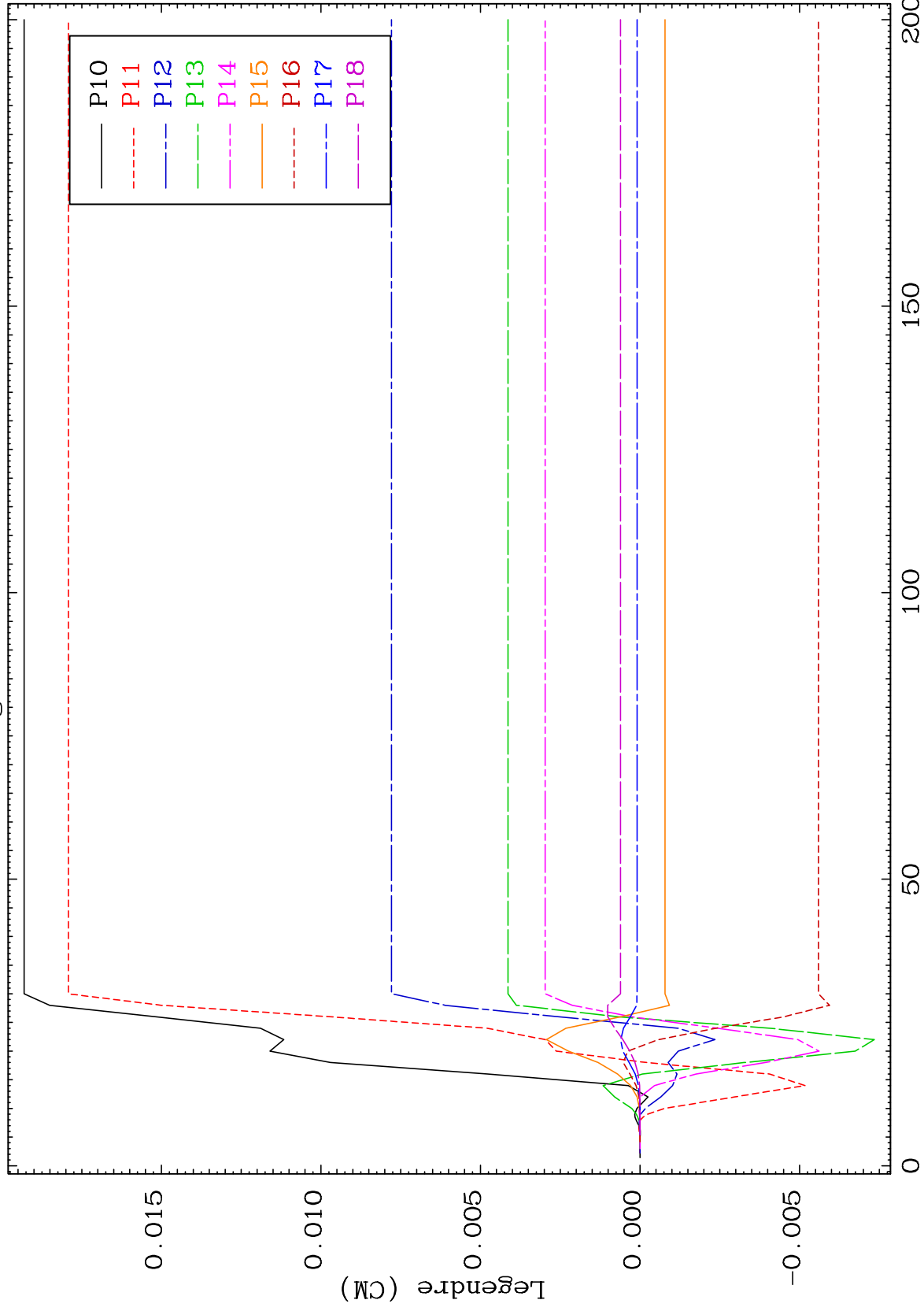
Incident Energy (MeV)

37

MAT 5977

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

60-Nd-126



38

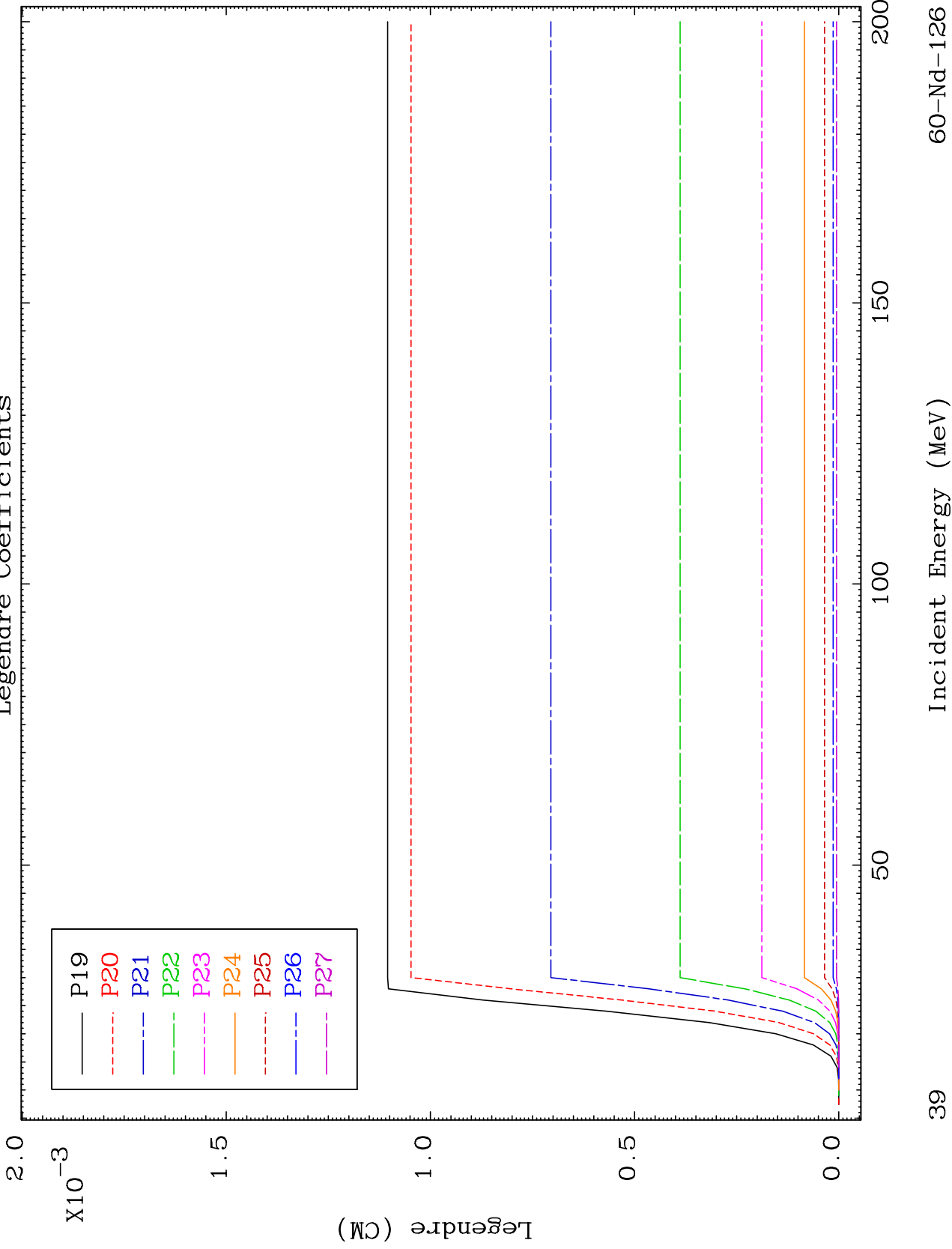
Incident Energy (MeV)

60-Nd-126

MAT 5977

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

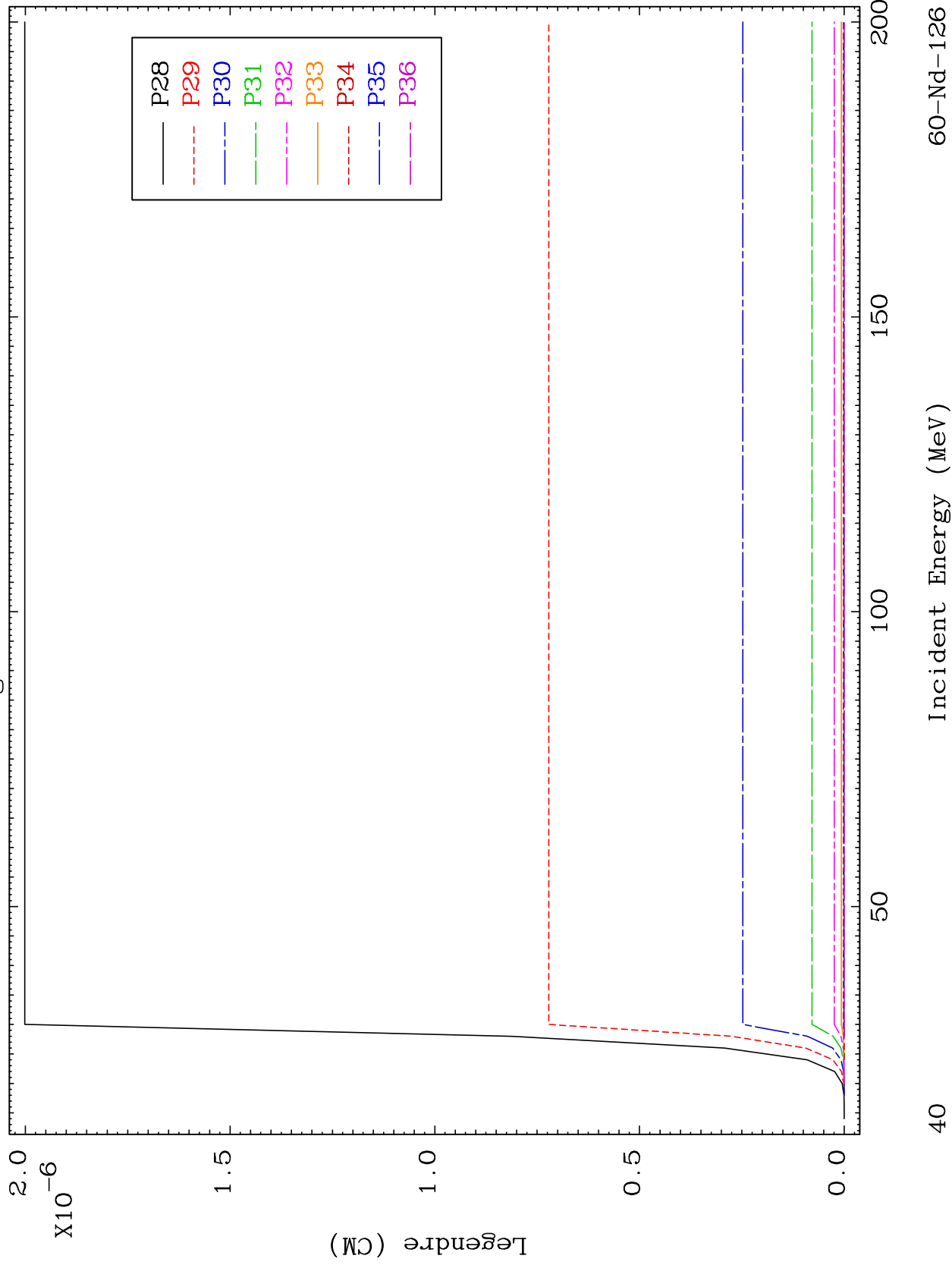
60-Nd-126



MAT 5977

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

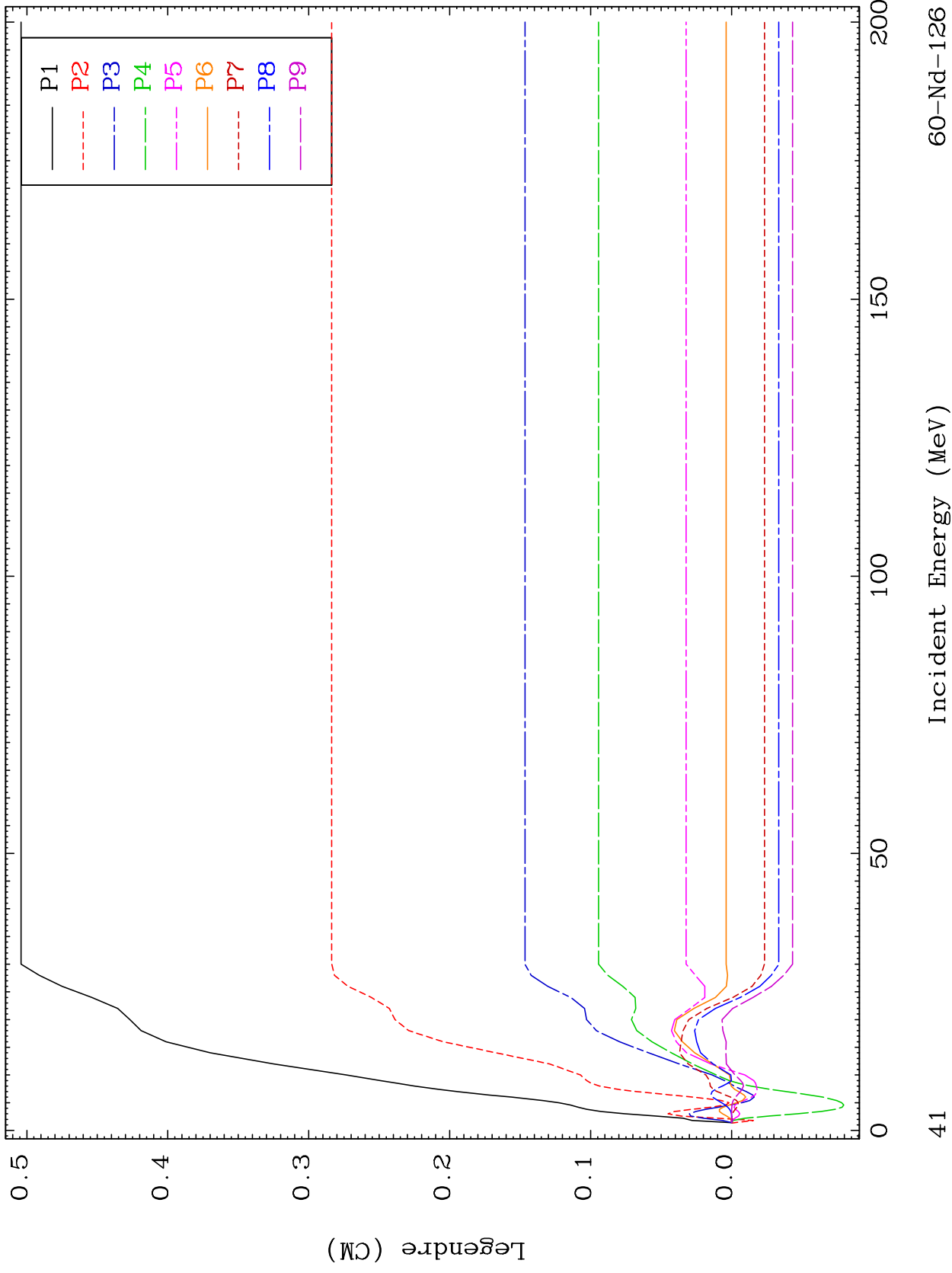
60-Nd-126

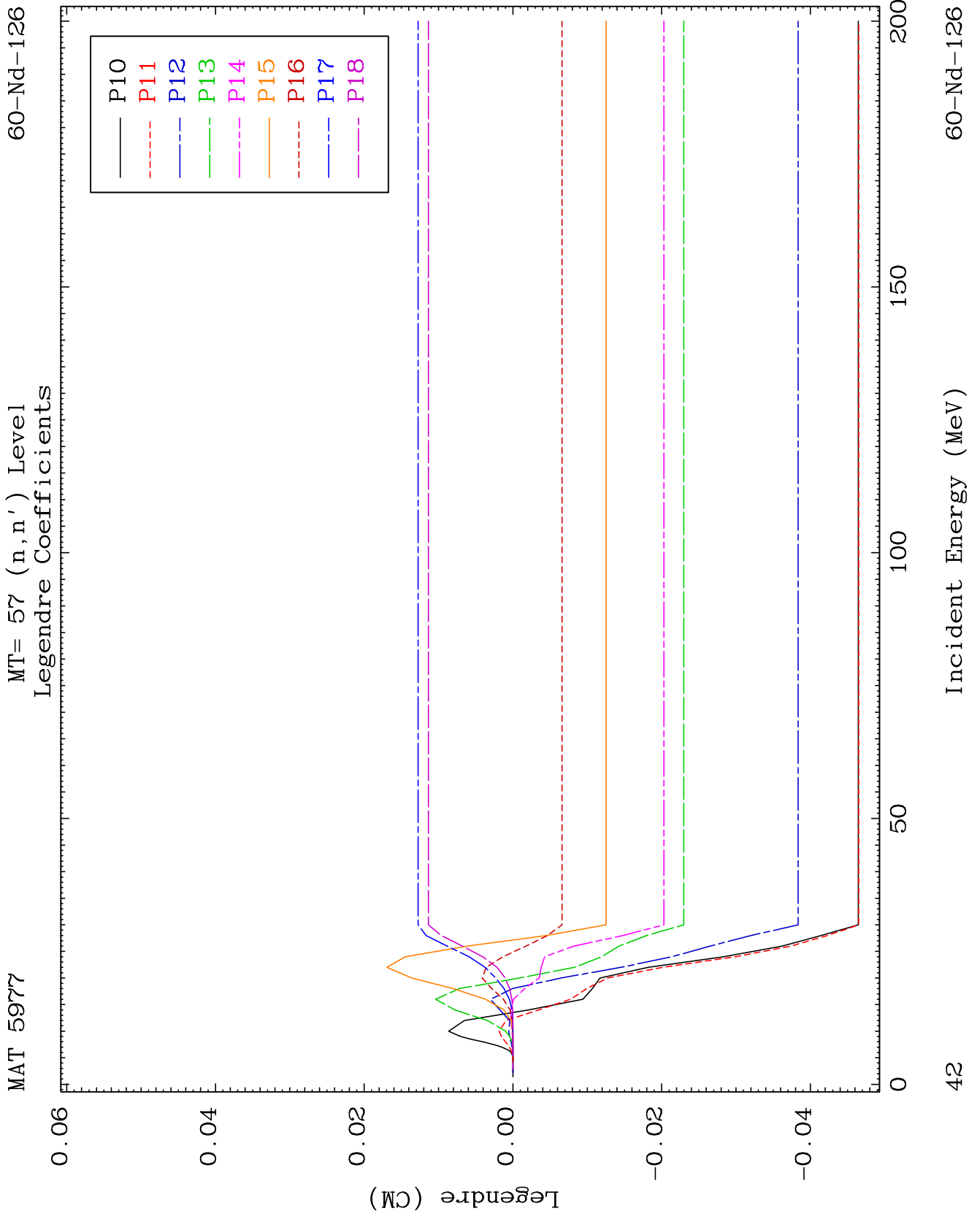


MAT 59777

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

60-Nd-126

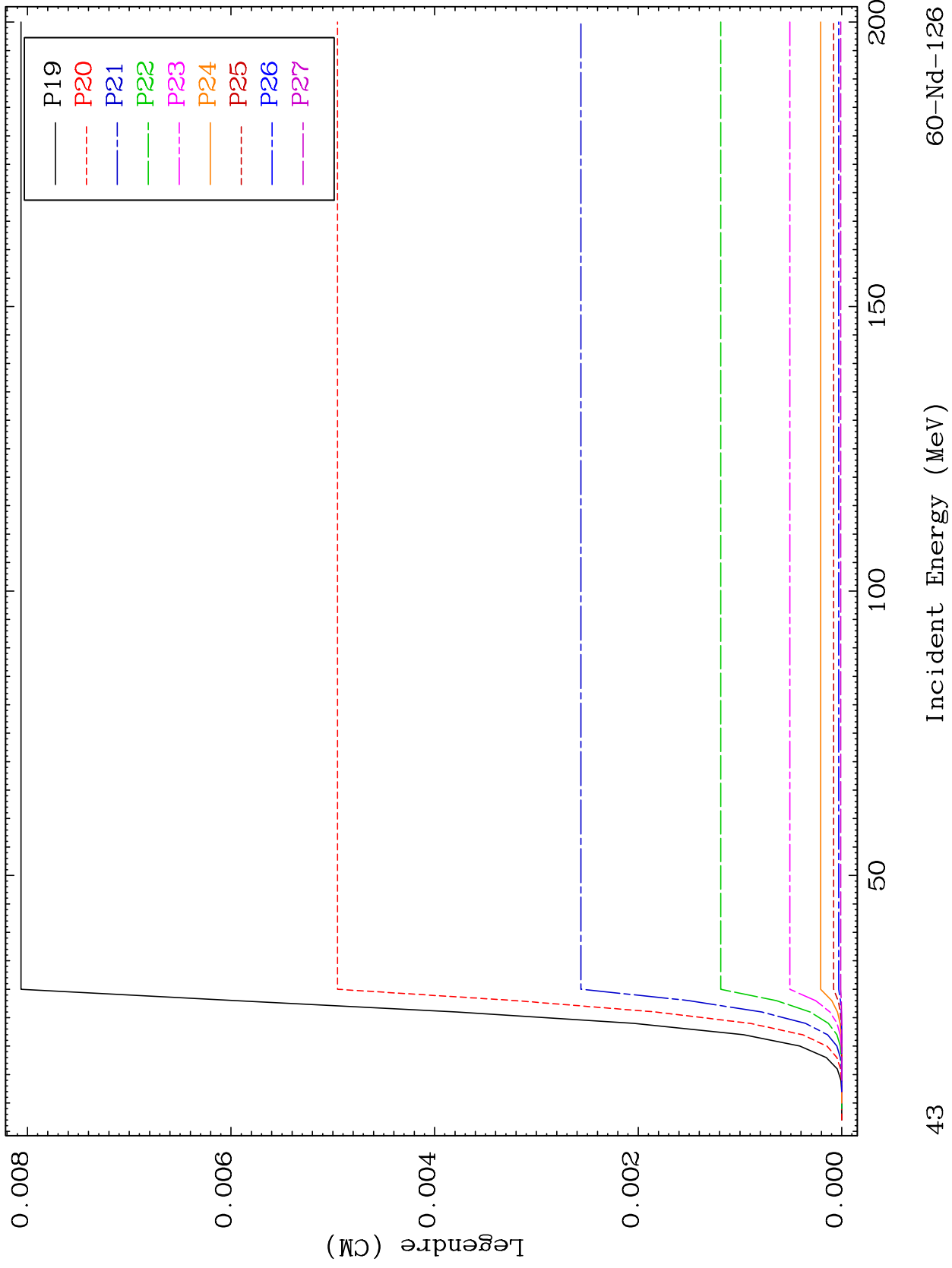




MAT 5977

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

60-Nd-126



43

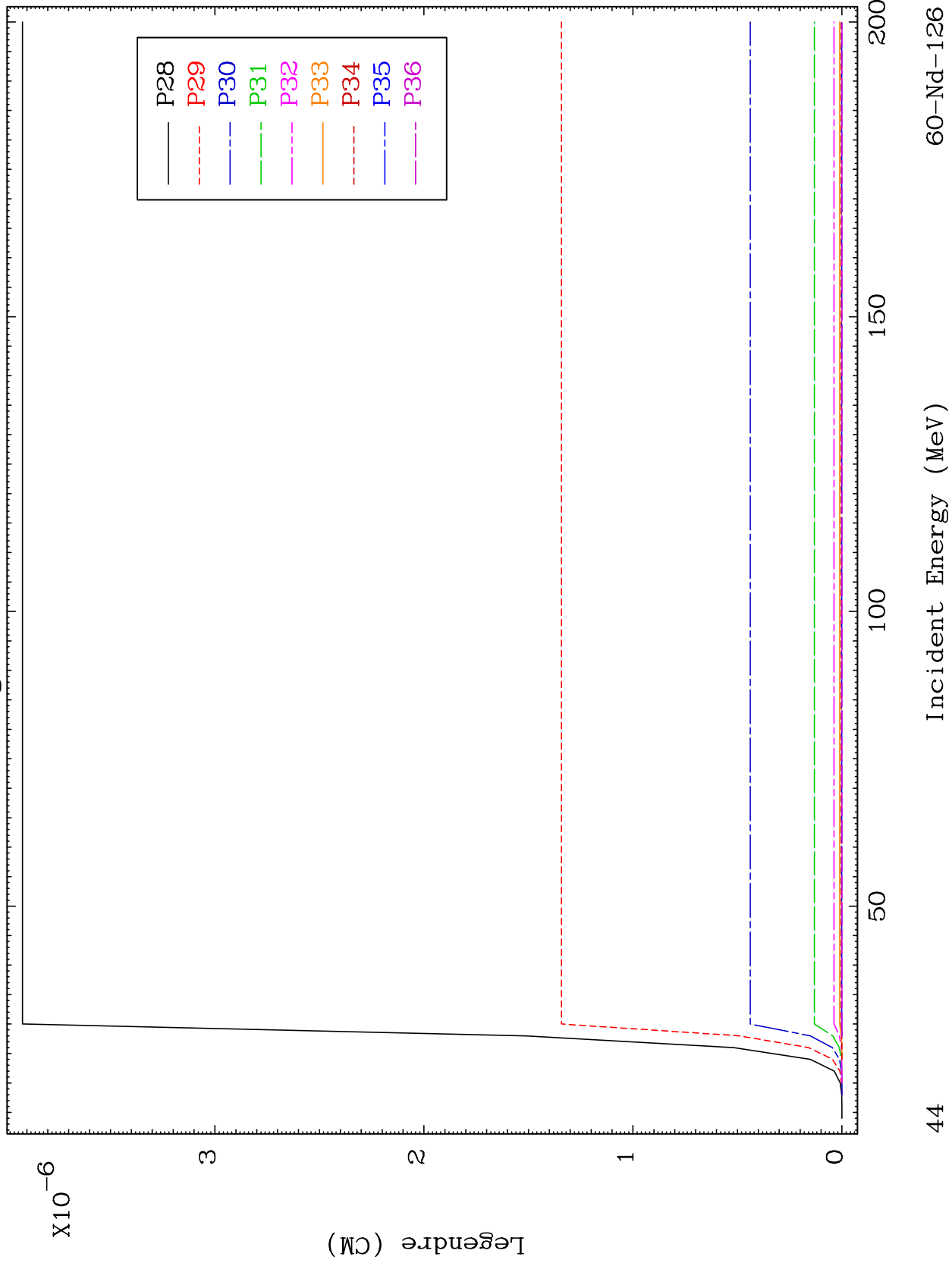
Incident Energy (MeV)

60-Nd-126

MAT 5977

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

60-Nd-126



44

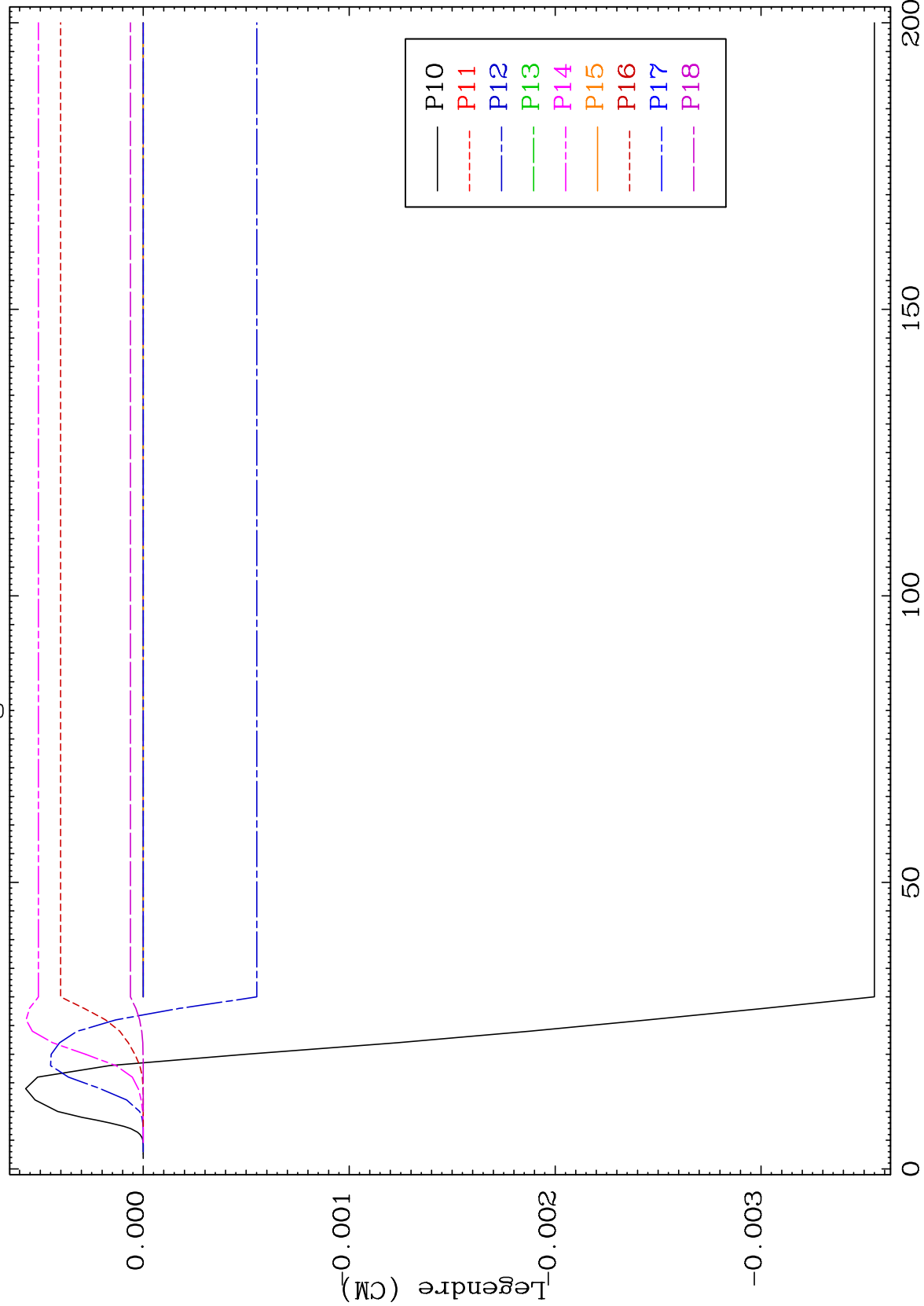
Incident Energy (MeV)

60-Nd-126

MAT 5977

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

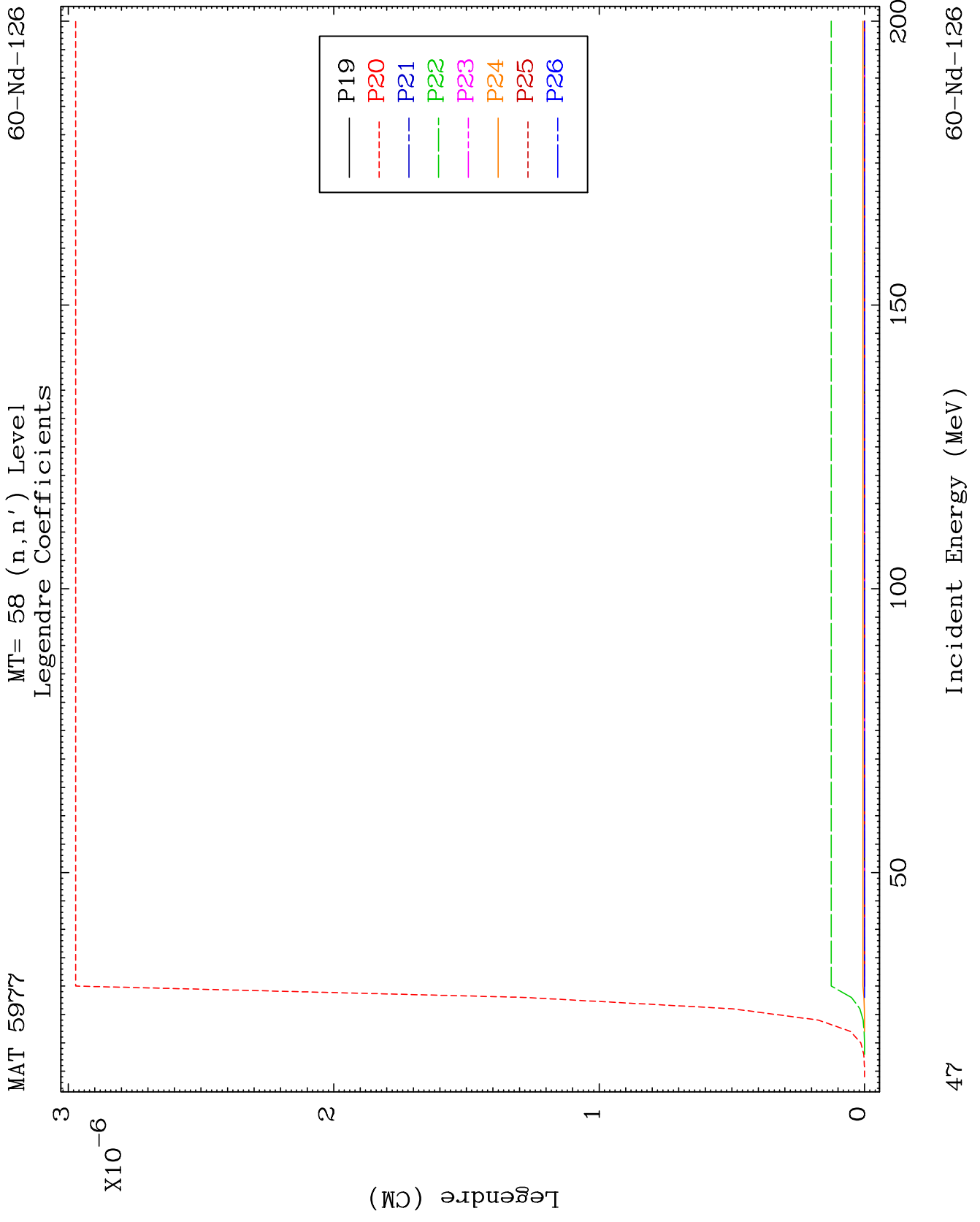
60-Nd-126



46

Incident Energy (MeV)

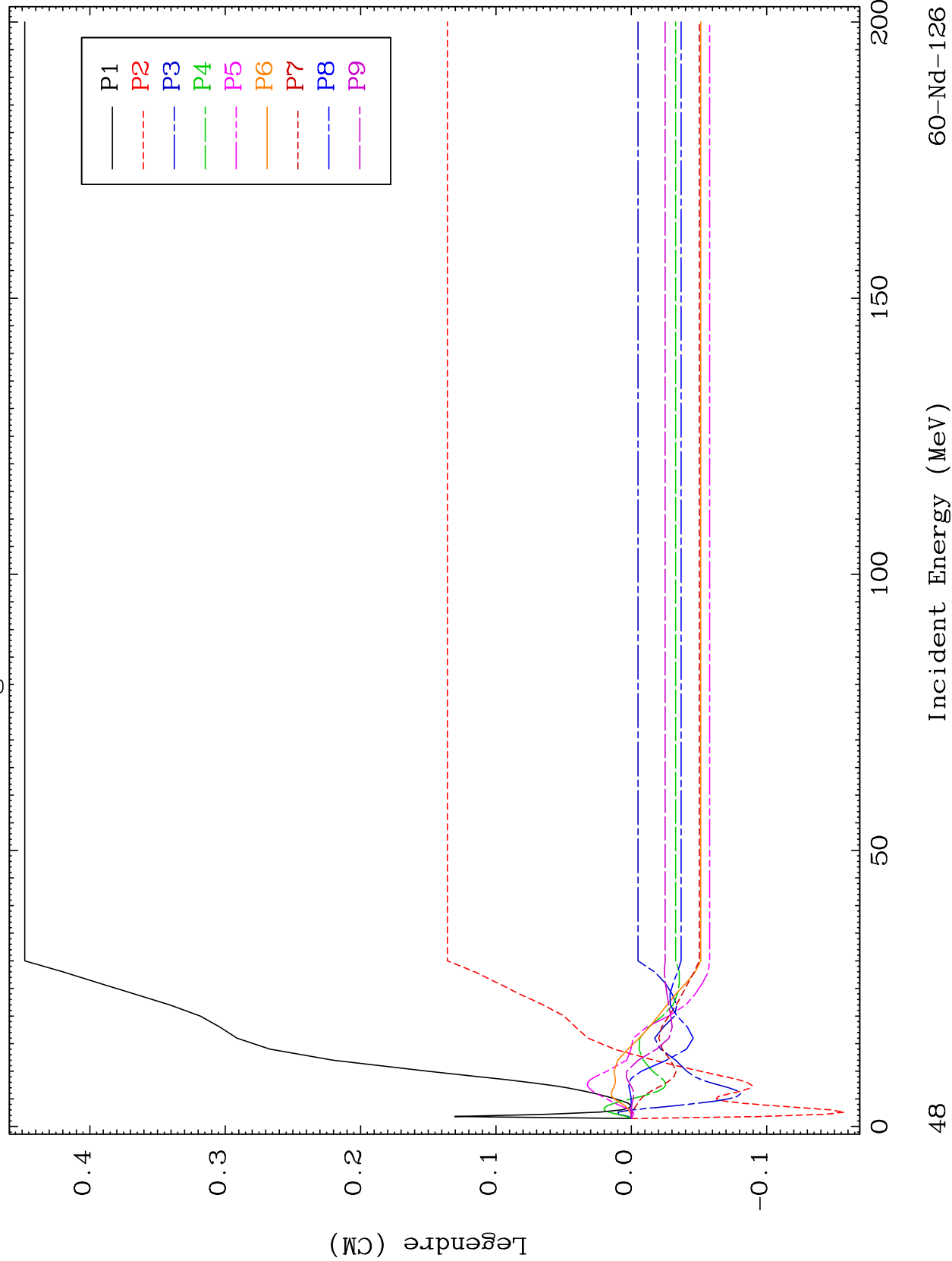
60-Nd-126



MAT 5977

MT= 59 (n,n') Level
Legendre Coefficients

60-Nd-126



60-Nd-126

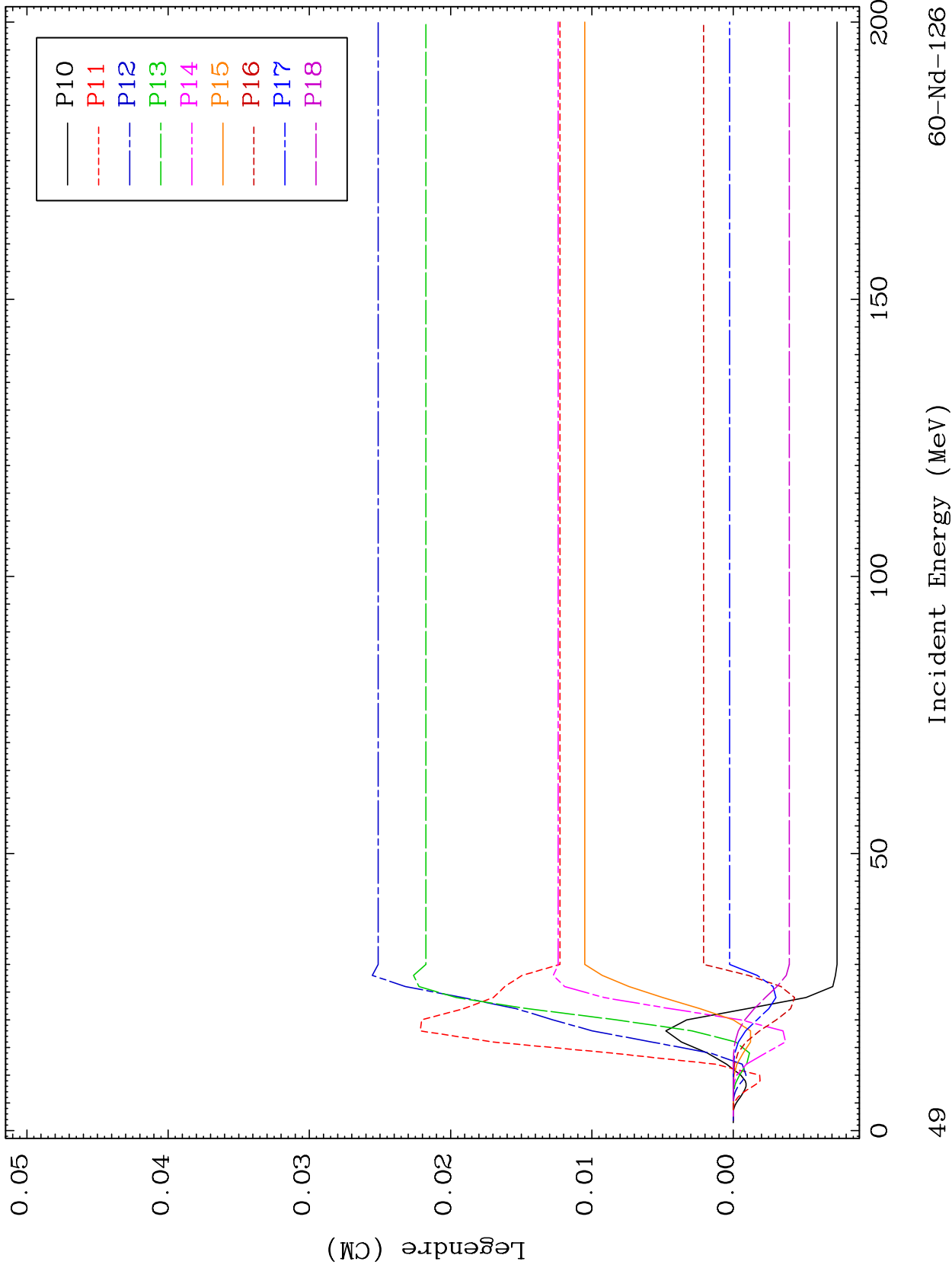
Incident Energy (MeV)

48

MAT 5977

MT= 59 (n,n') Level
Legendre Coefficients

60-Nd-126



49

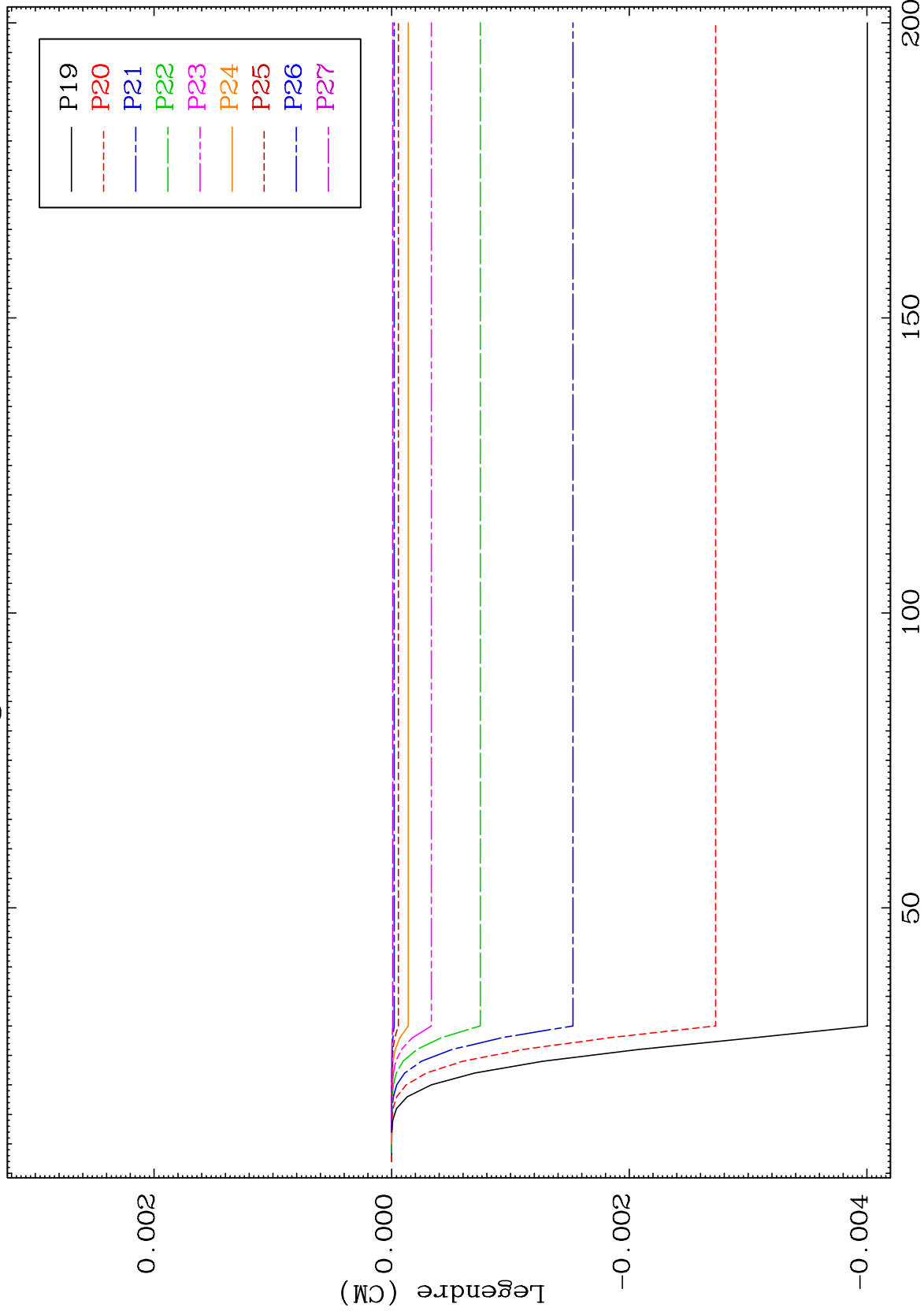
Incident Energy (MeV)

60-Nd-126

MAT 5977

MT= 59 (n,n') Level
Legendre Coefficients

60-Nd-126



50

Incident Energy (MeV)

50

100

150

200

60-Nd-126

