

Program EVALPLOT
(Version 2017-1)

by

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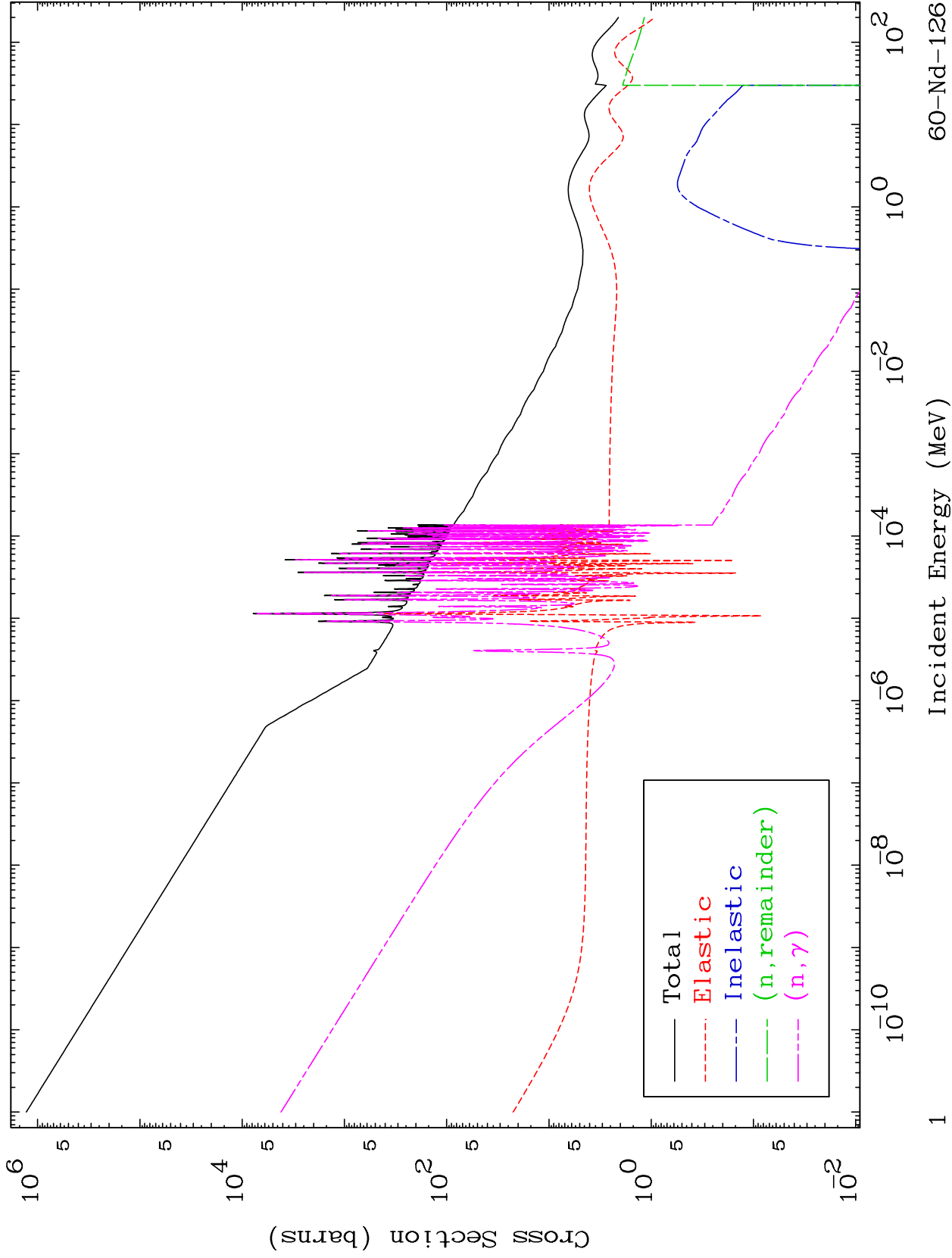
Press Mouse Button to Start

MAT 5977

Major

293 Kelvin Cross Sections

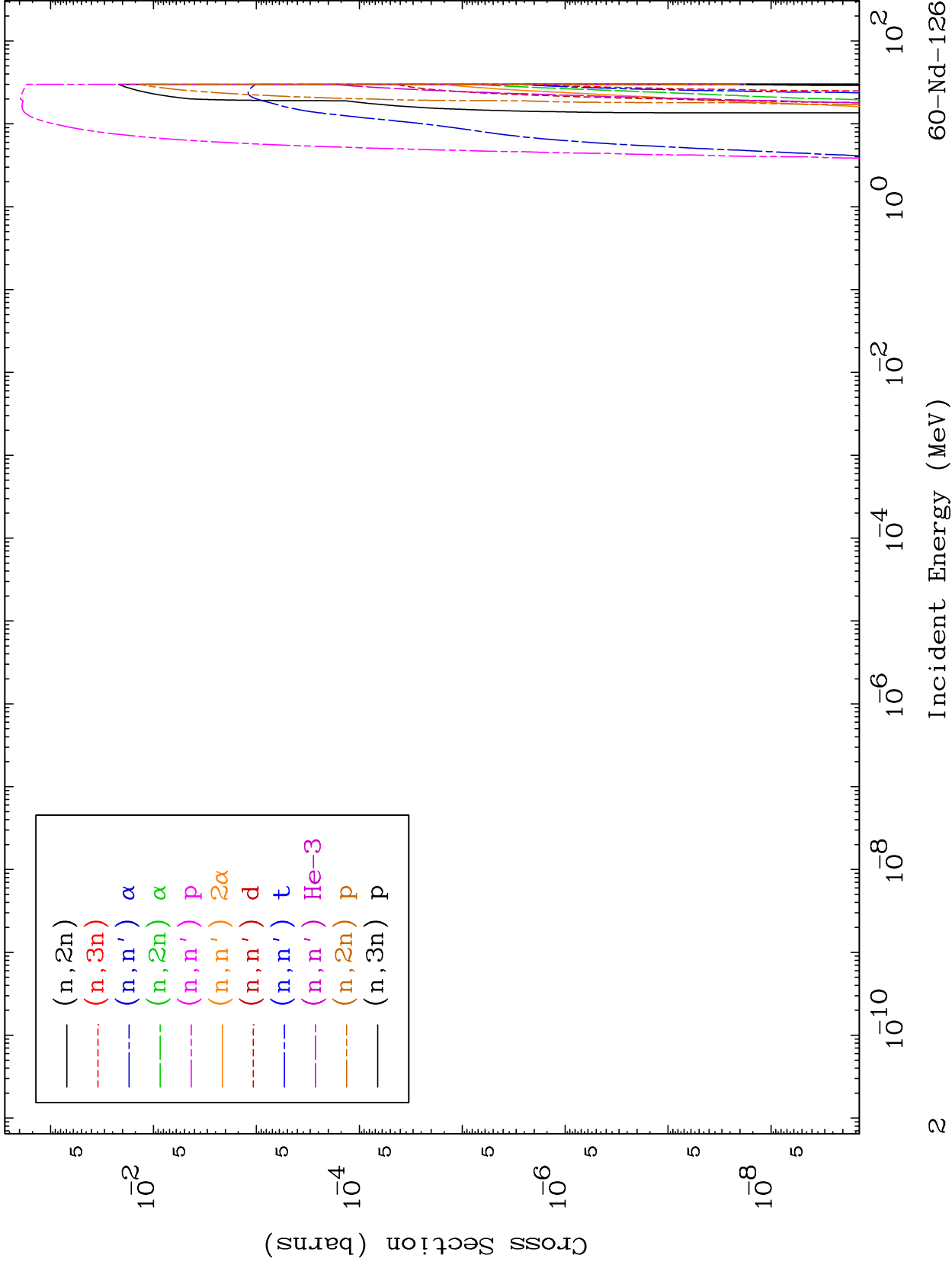
60-Nd-126



MAT 5977

Neutron Production
293 Kelvin Cross Sections

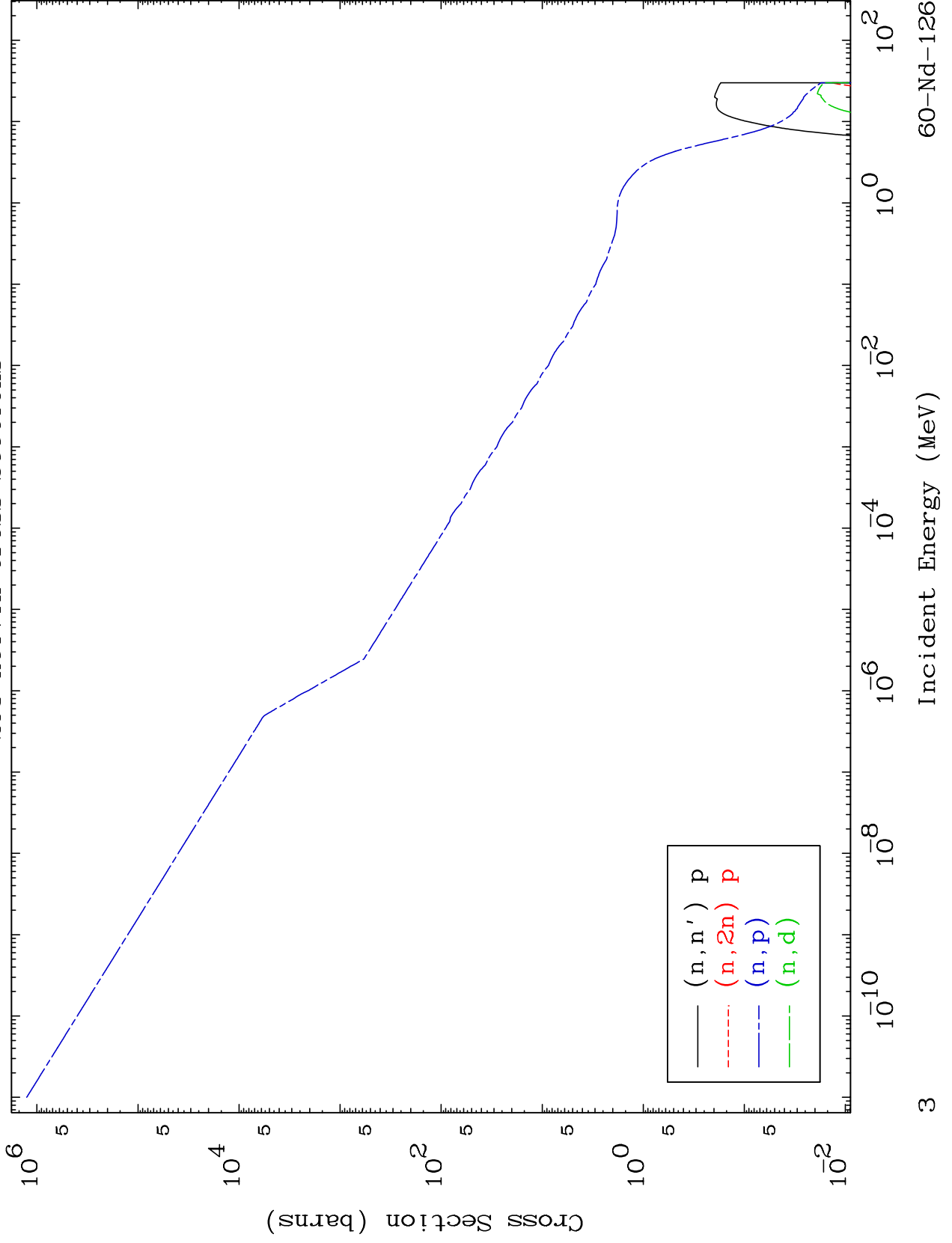
60-Nd-126



MAT 5977

Charged Particle
293 Kelvin Cross Sections

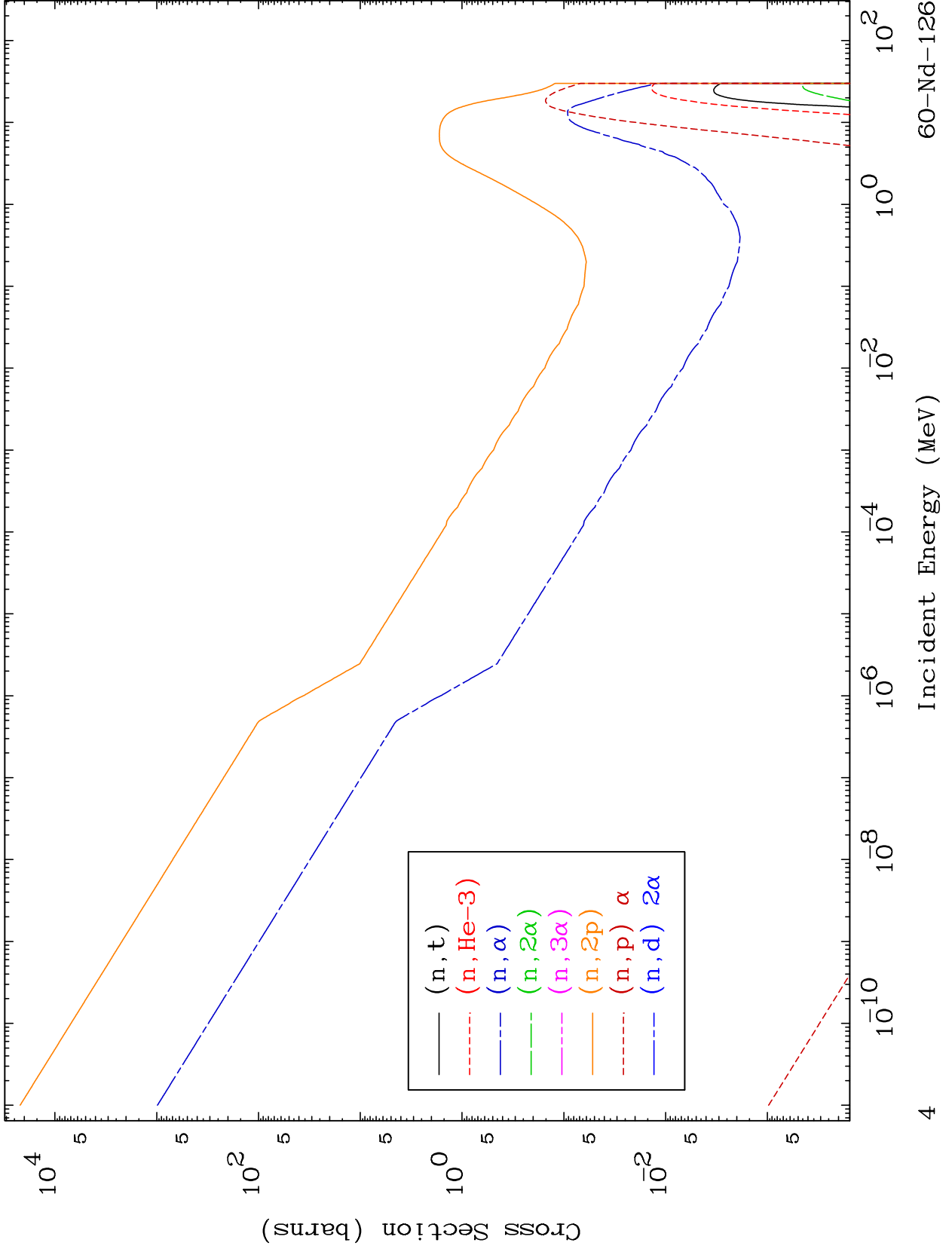
60-Nd-126



MAT 5977

Charged Particle
293 Kelvin Cross Sections

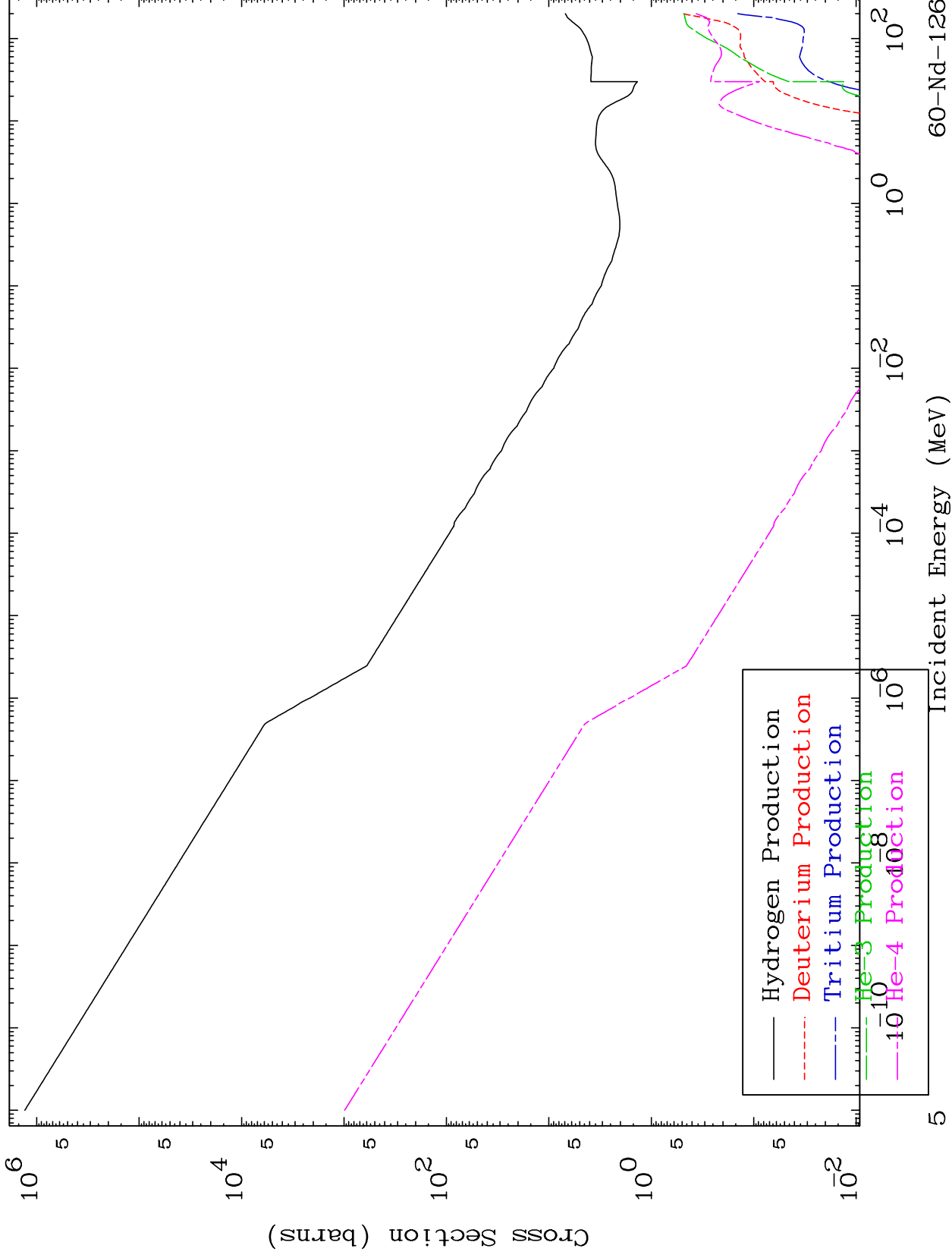
60-Nd-126



MAT 5977

Particle Production
293 Kelvin Cross Sections

60-Nd-126



60-Nd-126

Incident Energy (MeV)

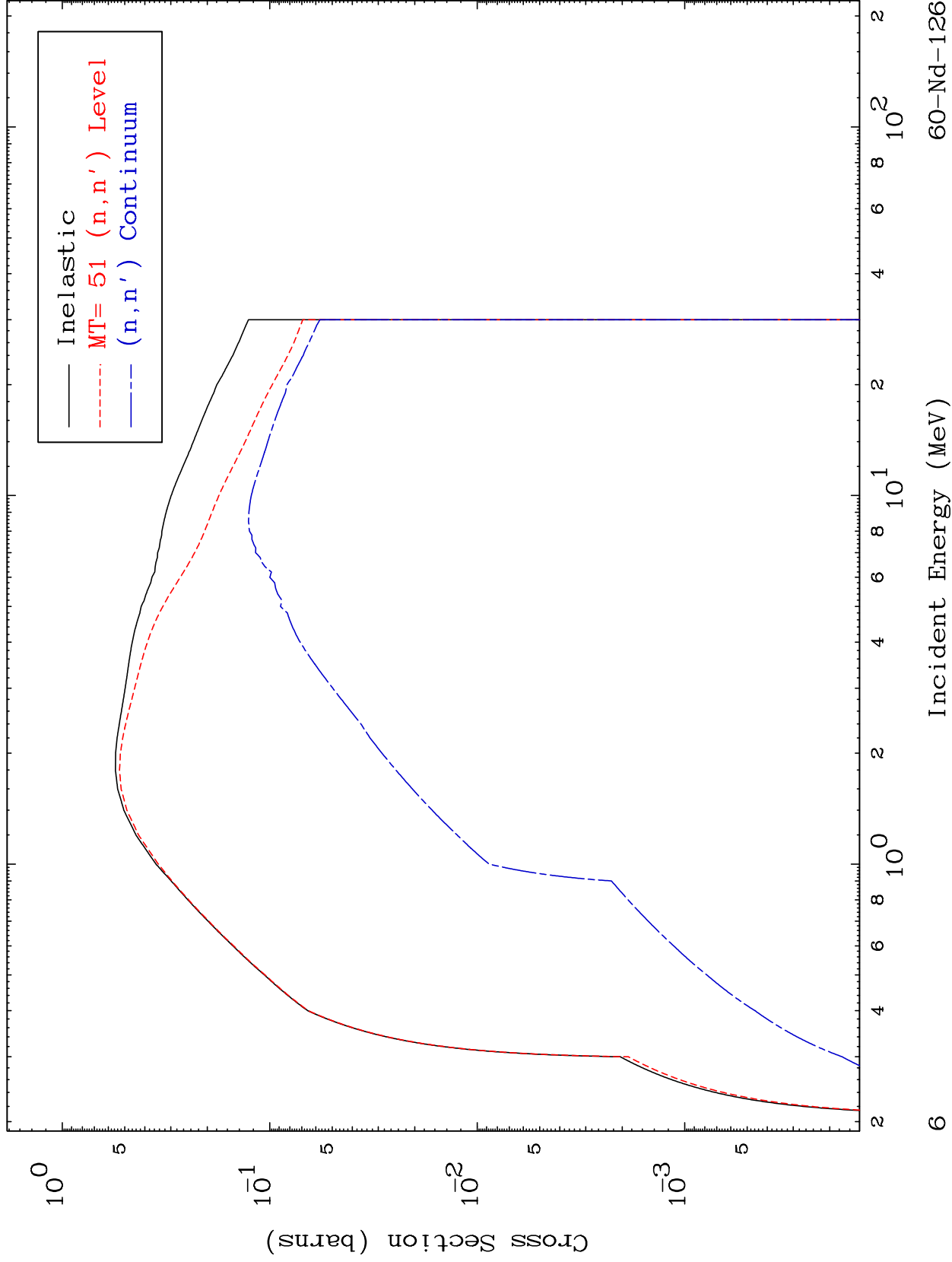
5

MAT 5977

(n,n') Level

60-Nd-126

293 Kelvin Cross Sections

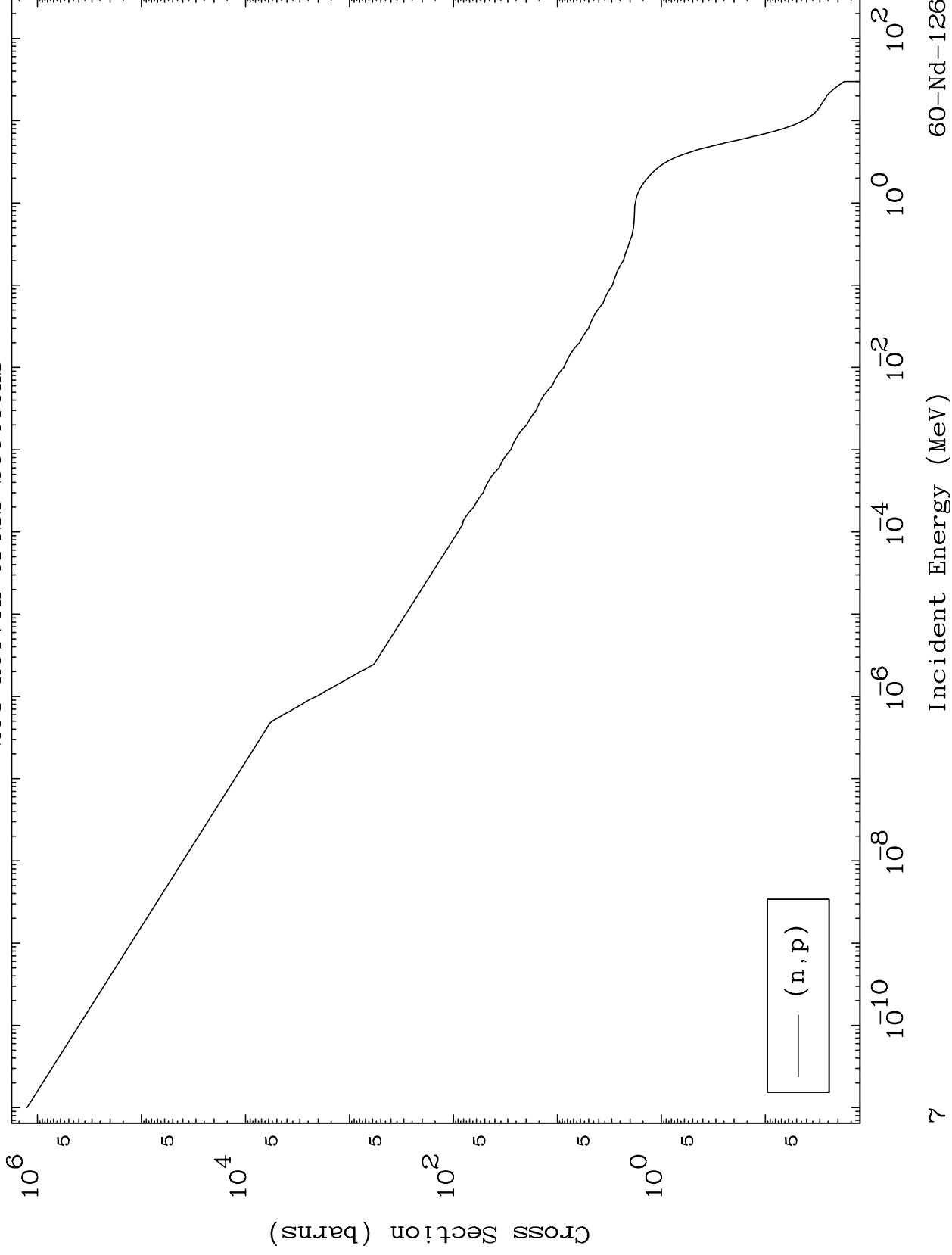


6

MAT 5977

(n,p) Levels
293 Kelvin Cross Sections

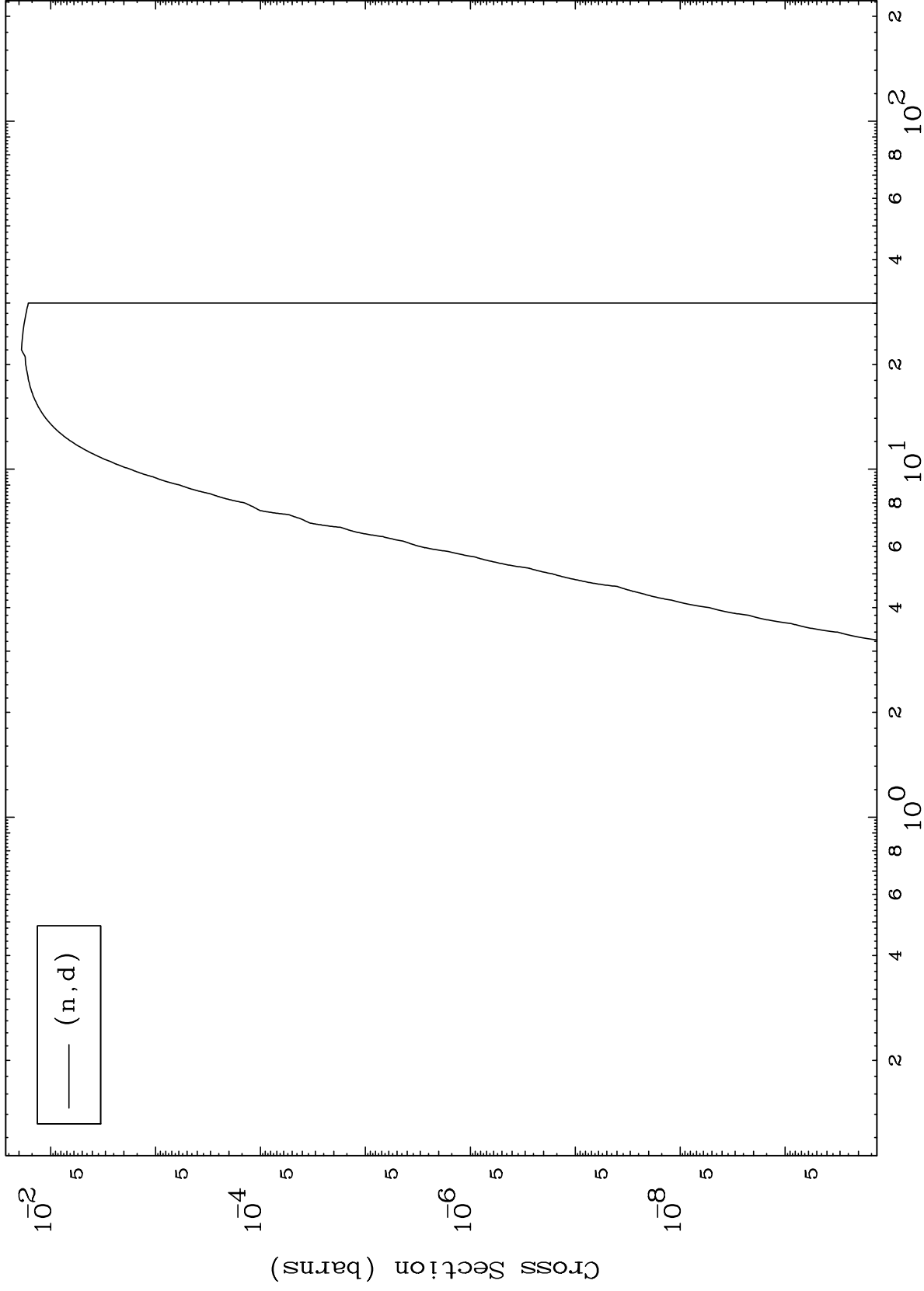
60-Nd-126



MAT 5977

(n,d) Levels
293 Kelvin Cross Sections

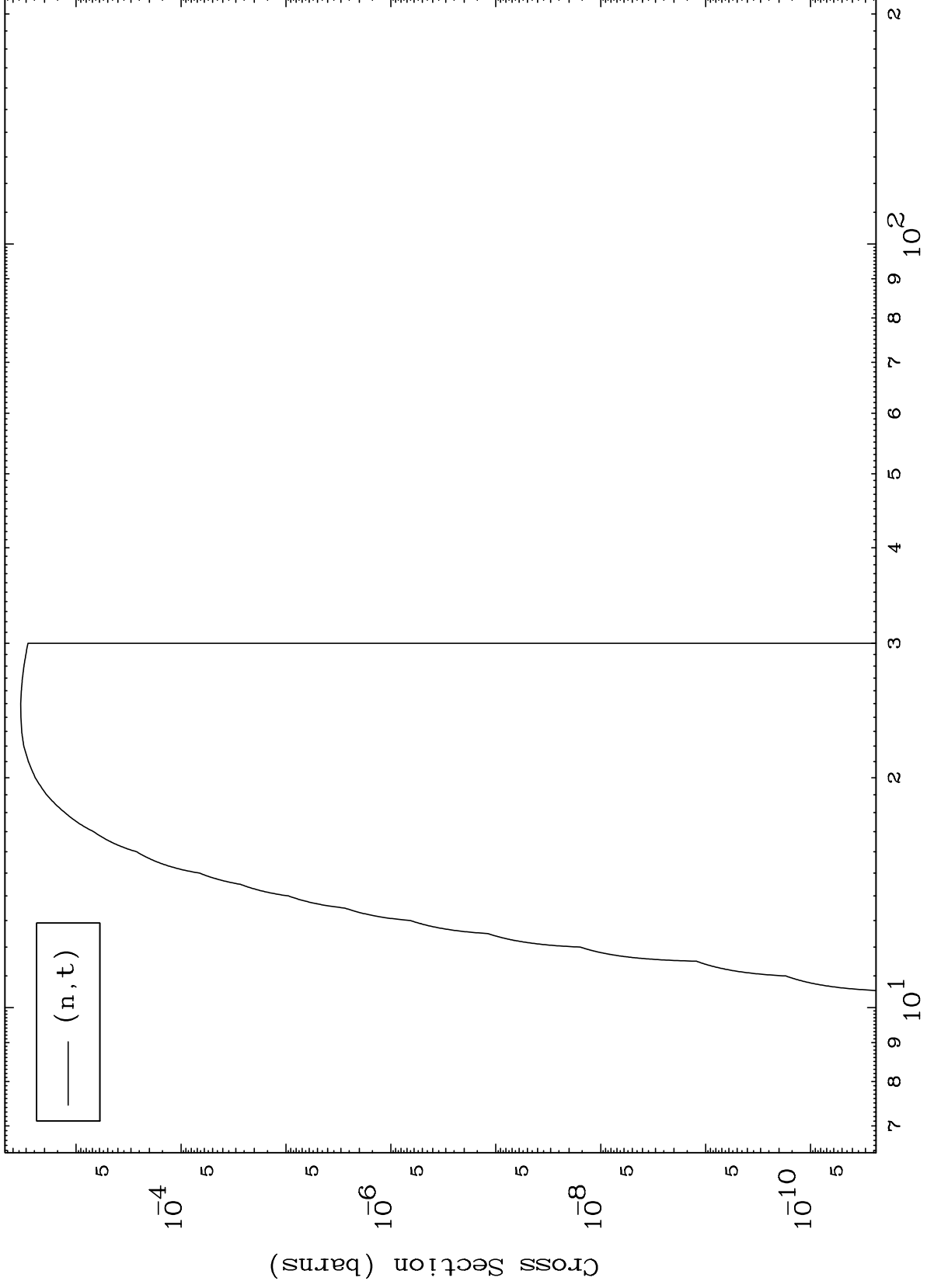
60-Nd-126



MAT 5977

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-126



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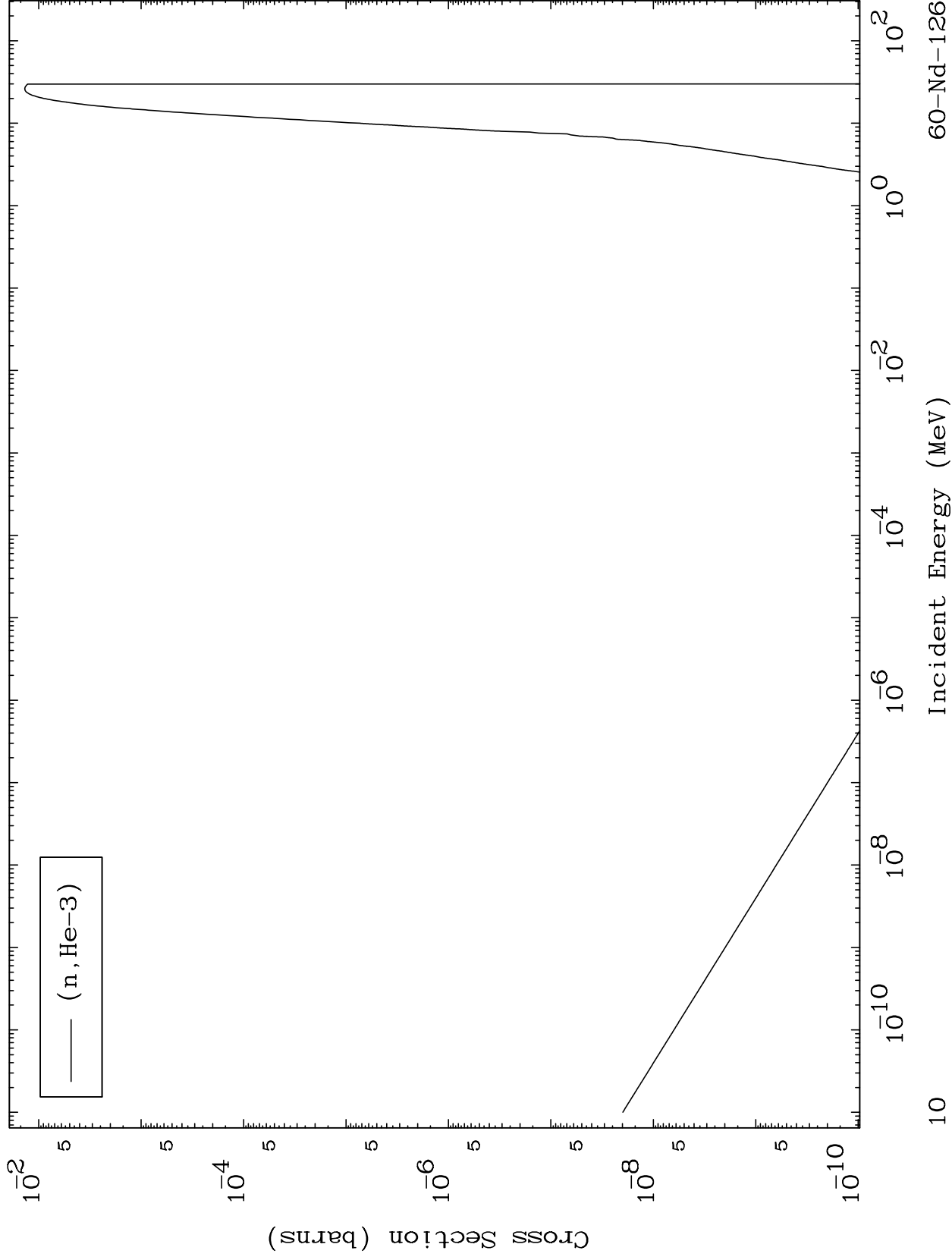
Incident Energy (MeV)

60-Nd-126

MAT 5977

(n,He3) Levels
293 Kelvin Cross Sections

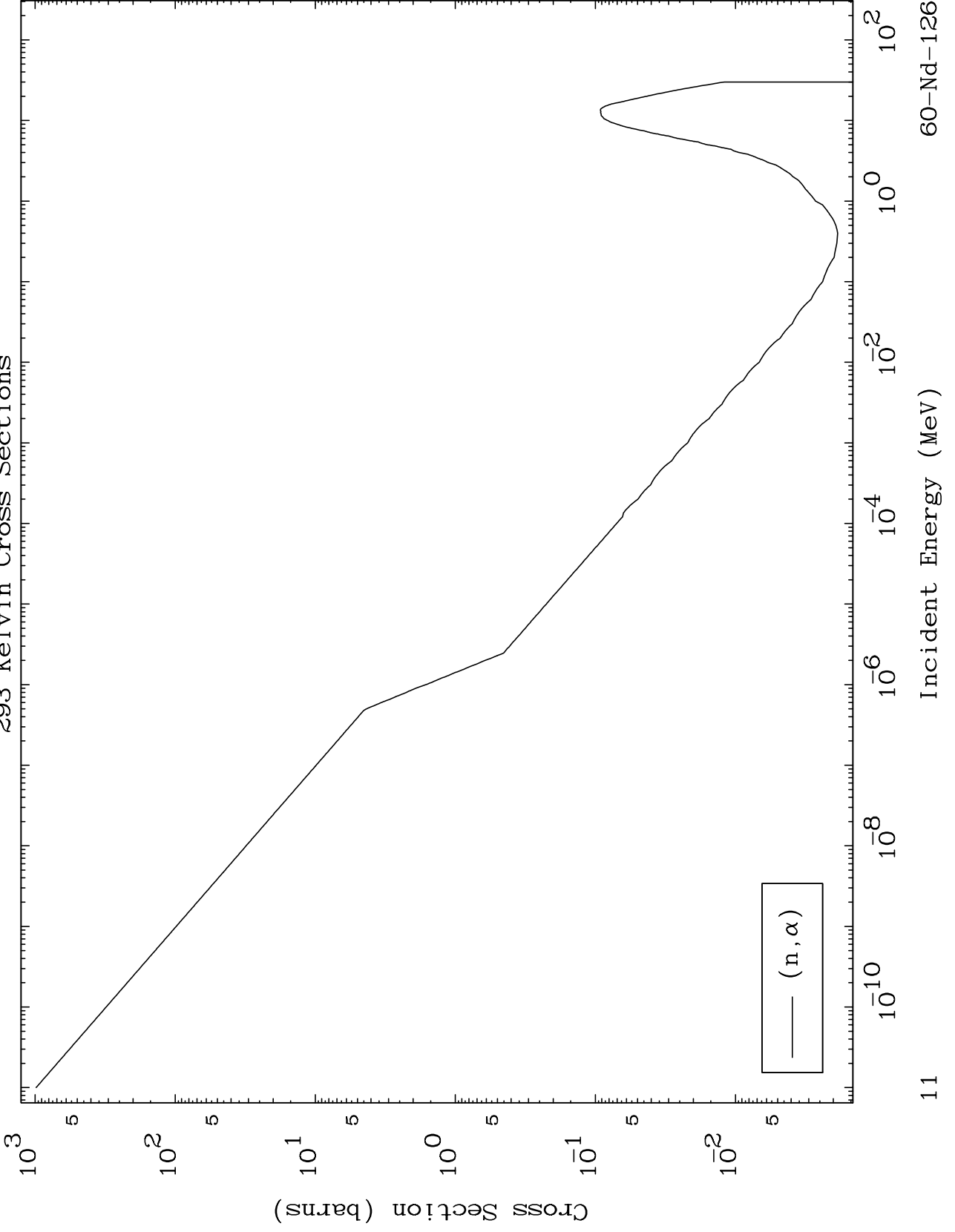
60-Nd-126

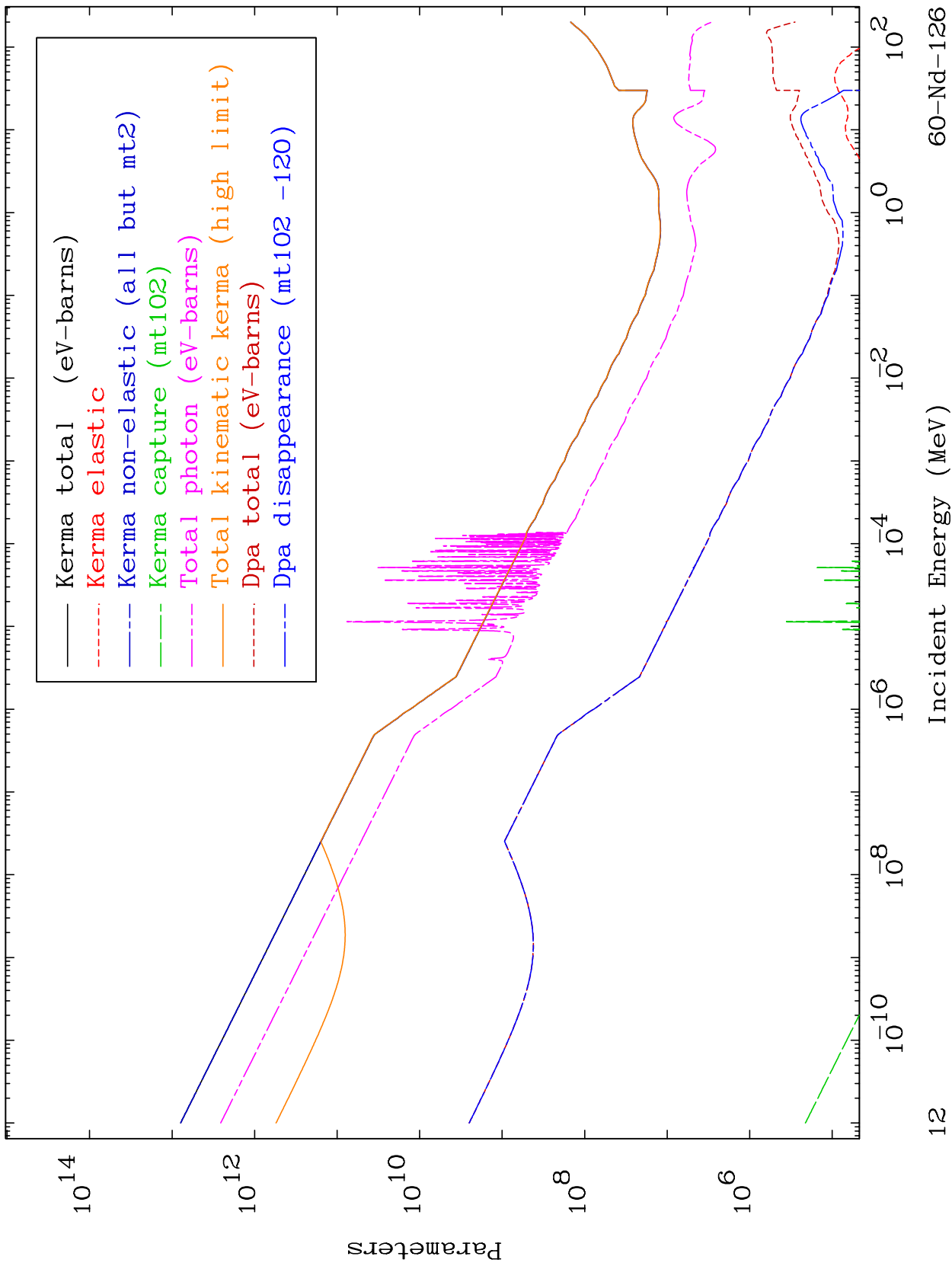


MAT 5977

(n,α) Levels
293 Kelvin Cross Sections

60-Nd-126

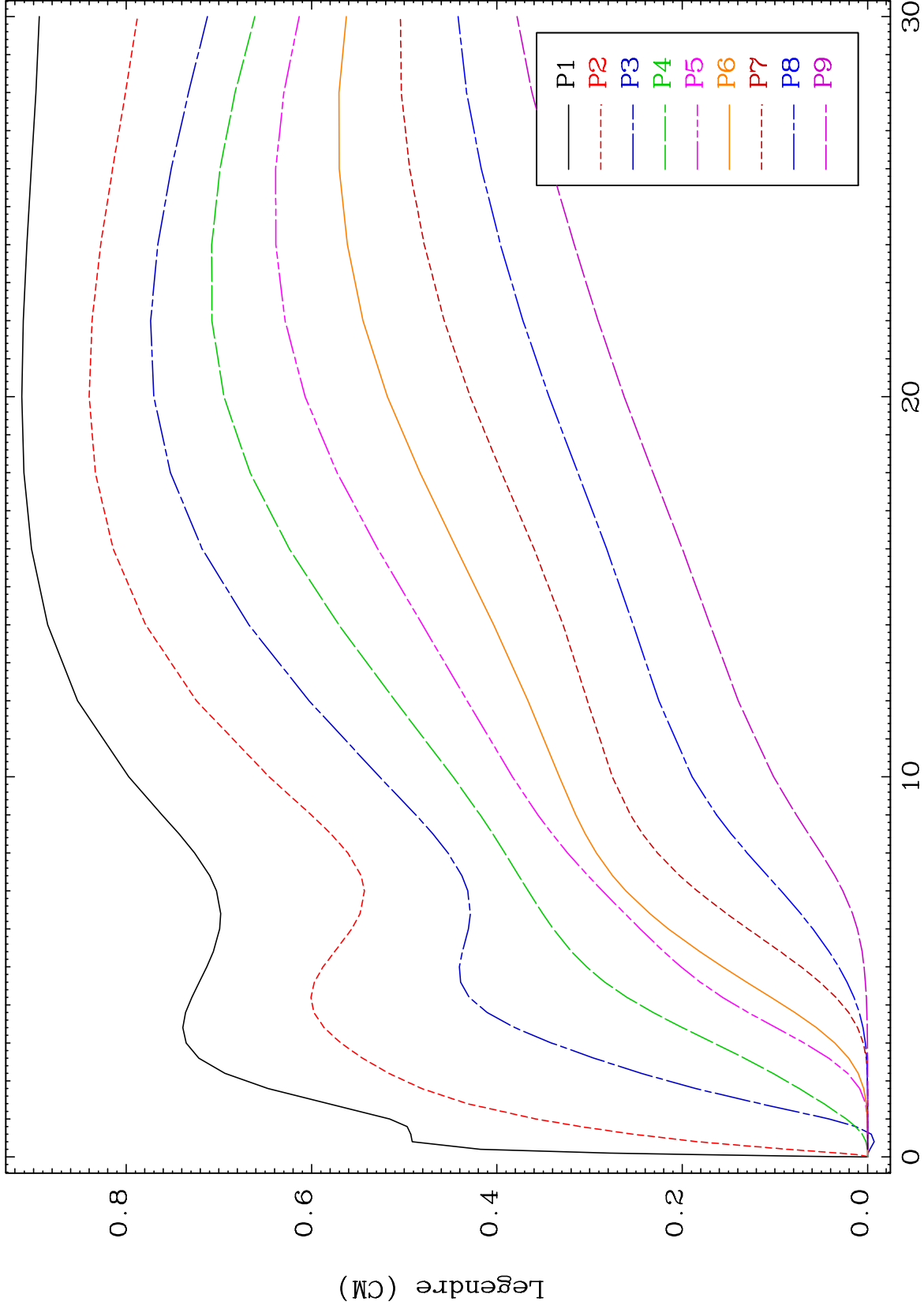




MAT 5977

Elastic Legendre Coefficients

$^{60}\text{Nd-126}$



13

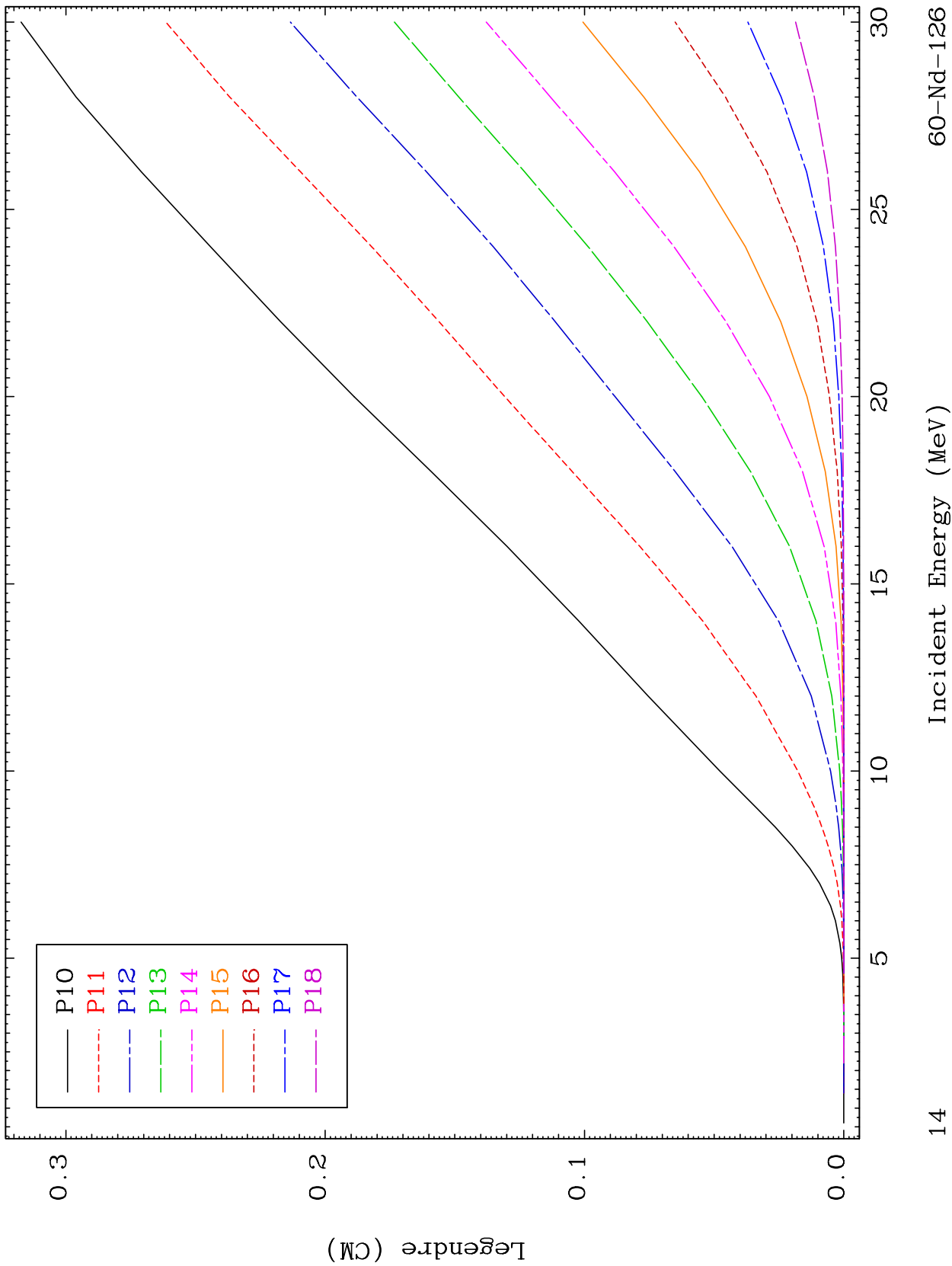
Incident Energy (MeV)

$^{60}\text{Nd-126}$

MAT 5977

Elastic Legendre Coefficients

⁶⁰Nd-126



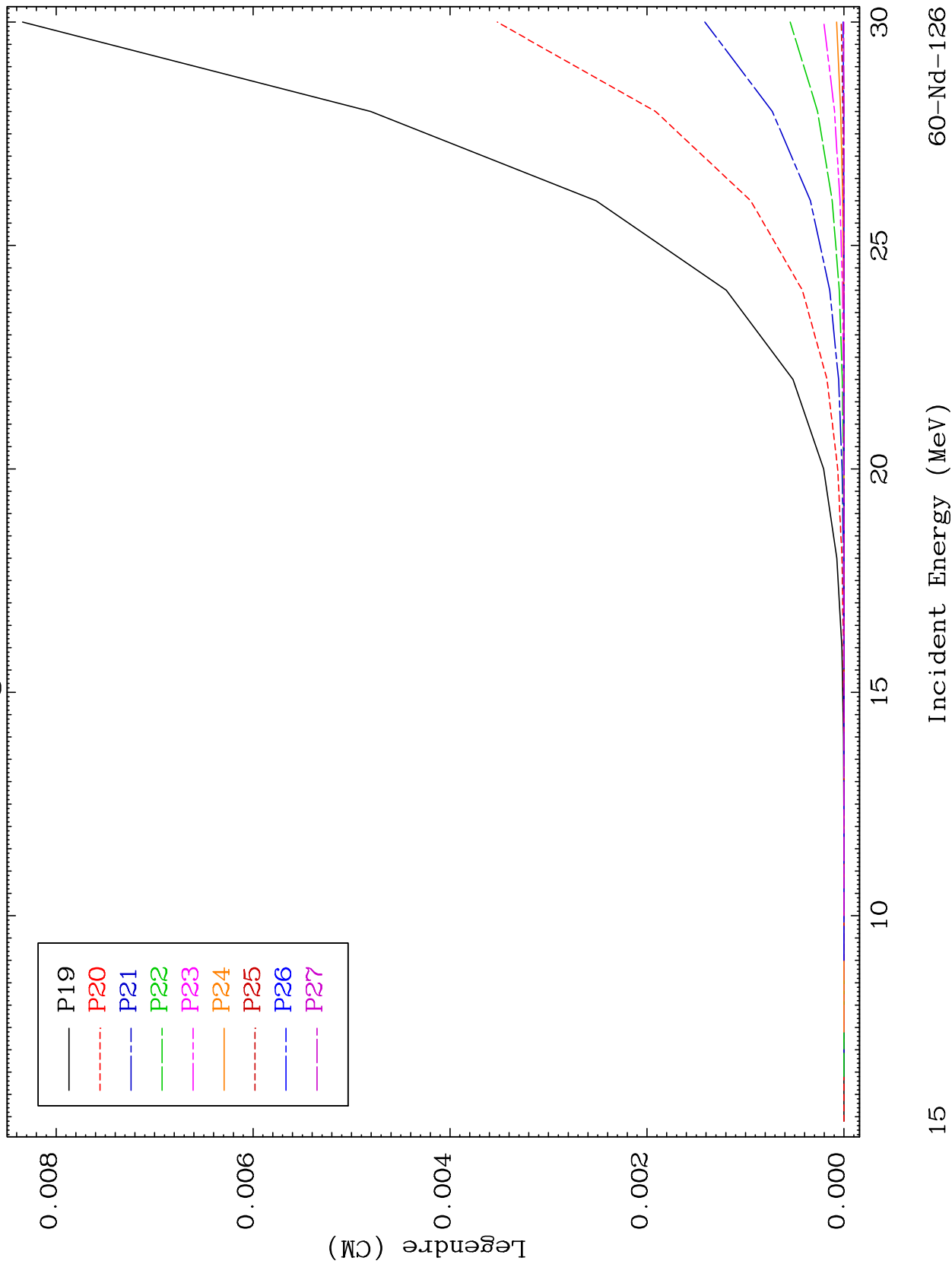
14

⁶⁰Nd-126

MAT 5977

Elastic Legendre Coefficients

⁶⁰Nd-126



15

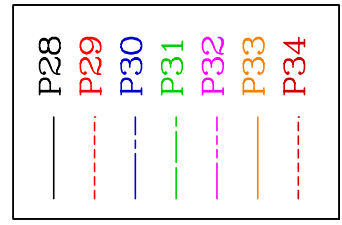
Incident Energy (MeV)

⁶⁰Nd-126

MAT 5977

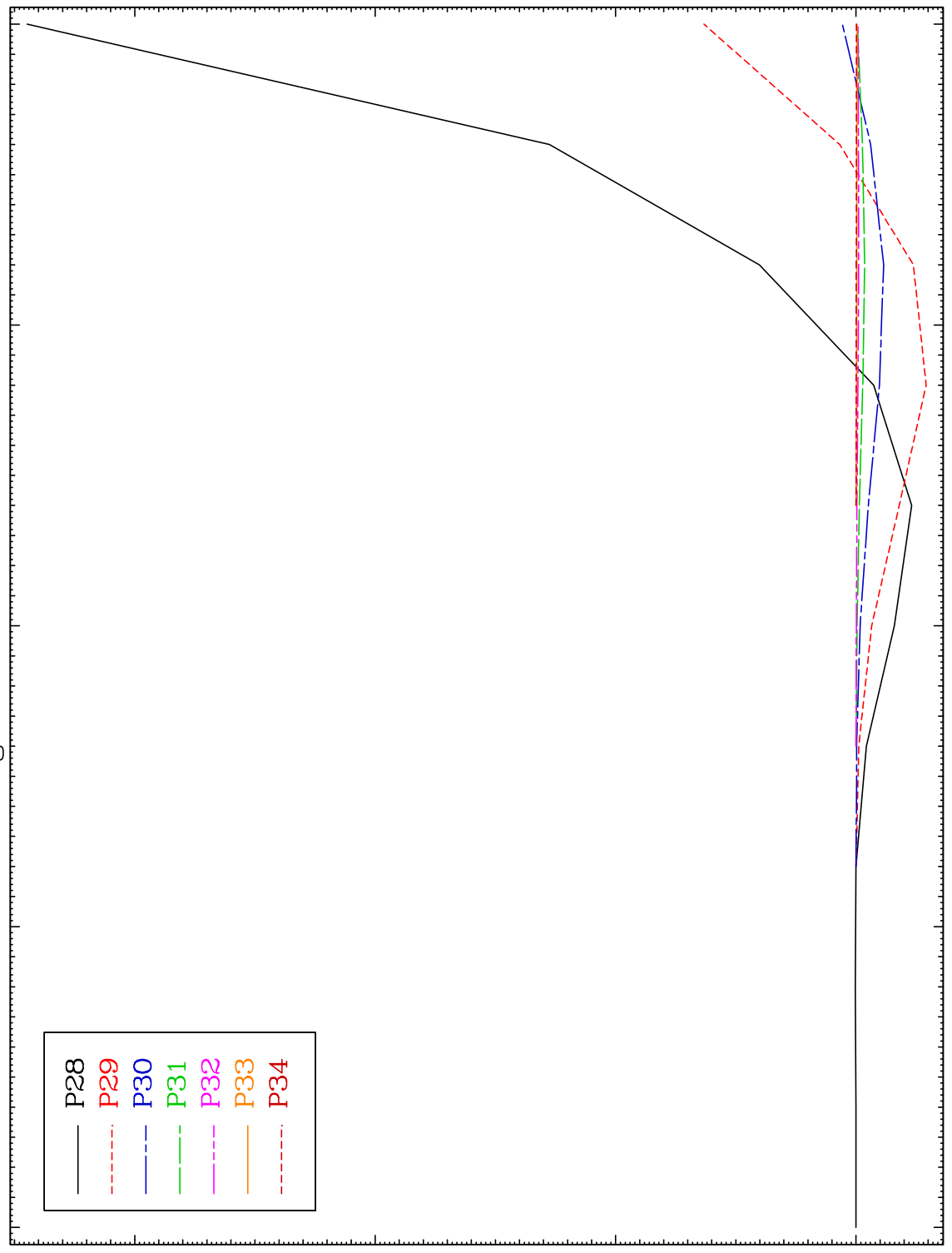
Elastic Legendre Coefficients

60-Nd-126



$\times 10^{-7}$

Legendre (CM)



10

15

20

25

30

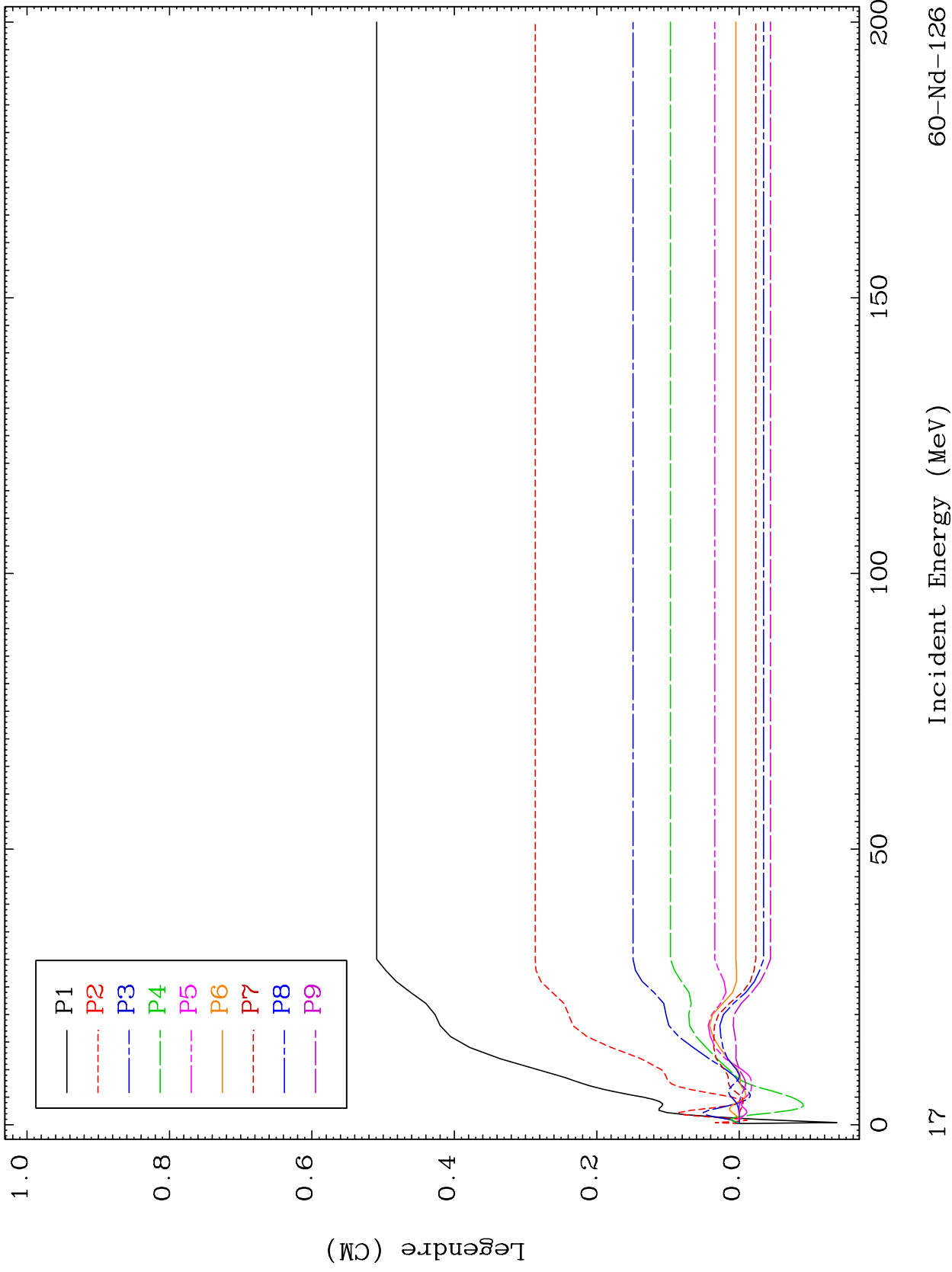
Incident Energy (MeV)

60-Nd-126

MAT 5977

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

60-Nd-126



17

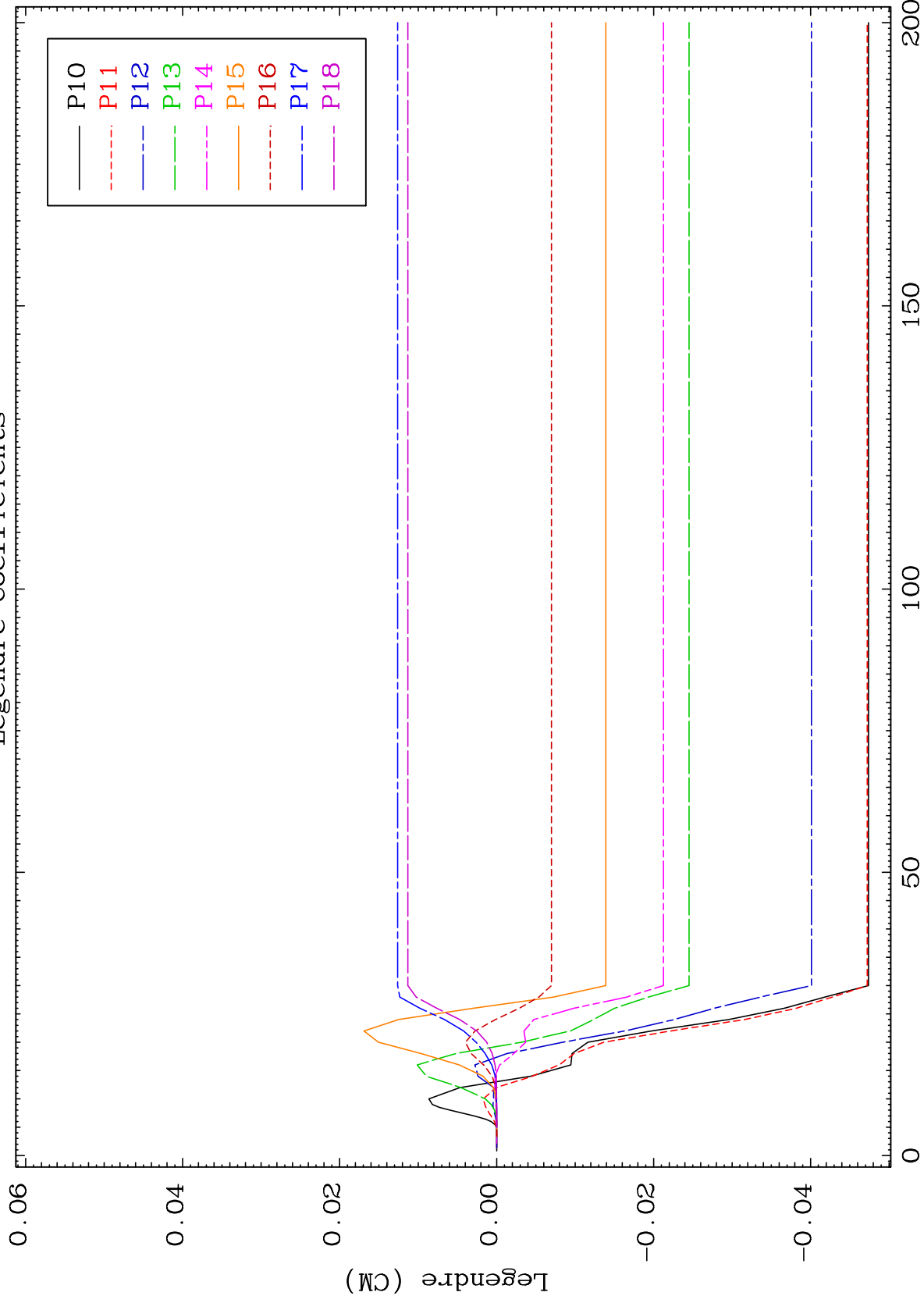
Incident Energy (MeV)

60-Nd-126

MAT 5977

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

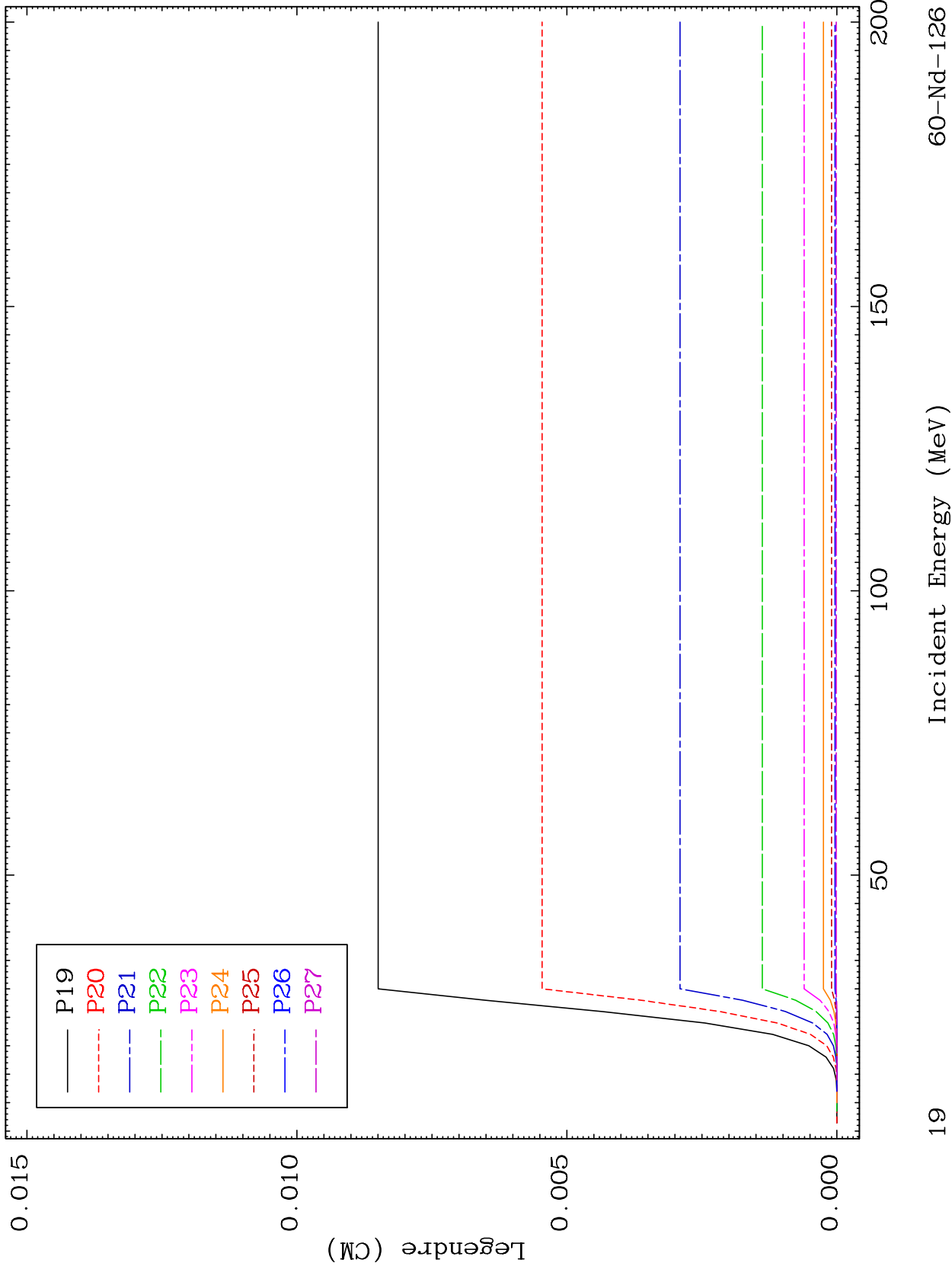
60-Nd-126



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Incident Energy (MeV)

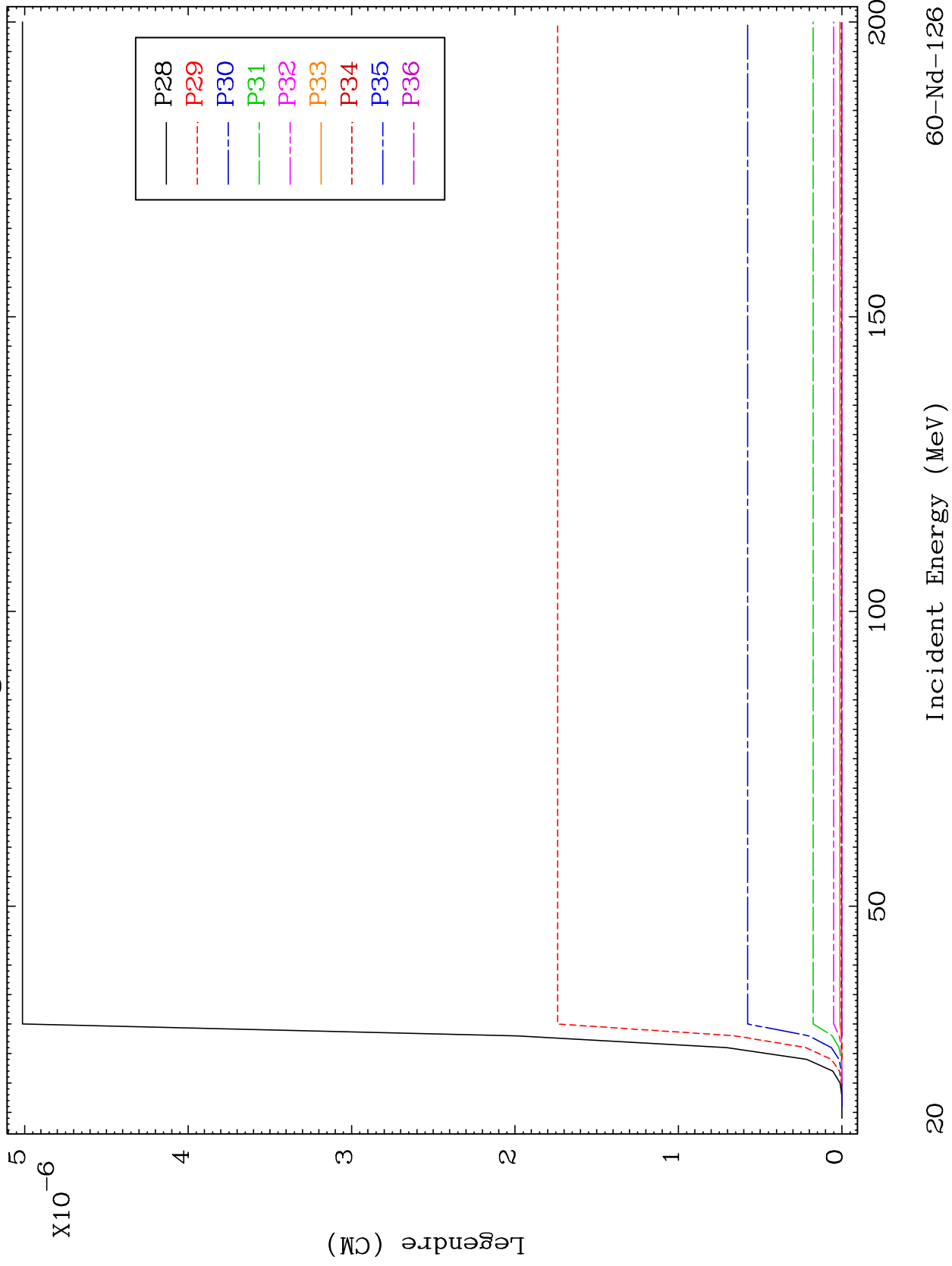
60-Nd-126



MAT 5977

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

60-Nd-126



MAT 5977

(n,d) 2 α

60-Nd-126

Radionuclide Production Cross Section

