

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

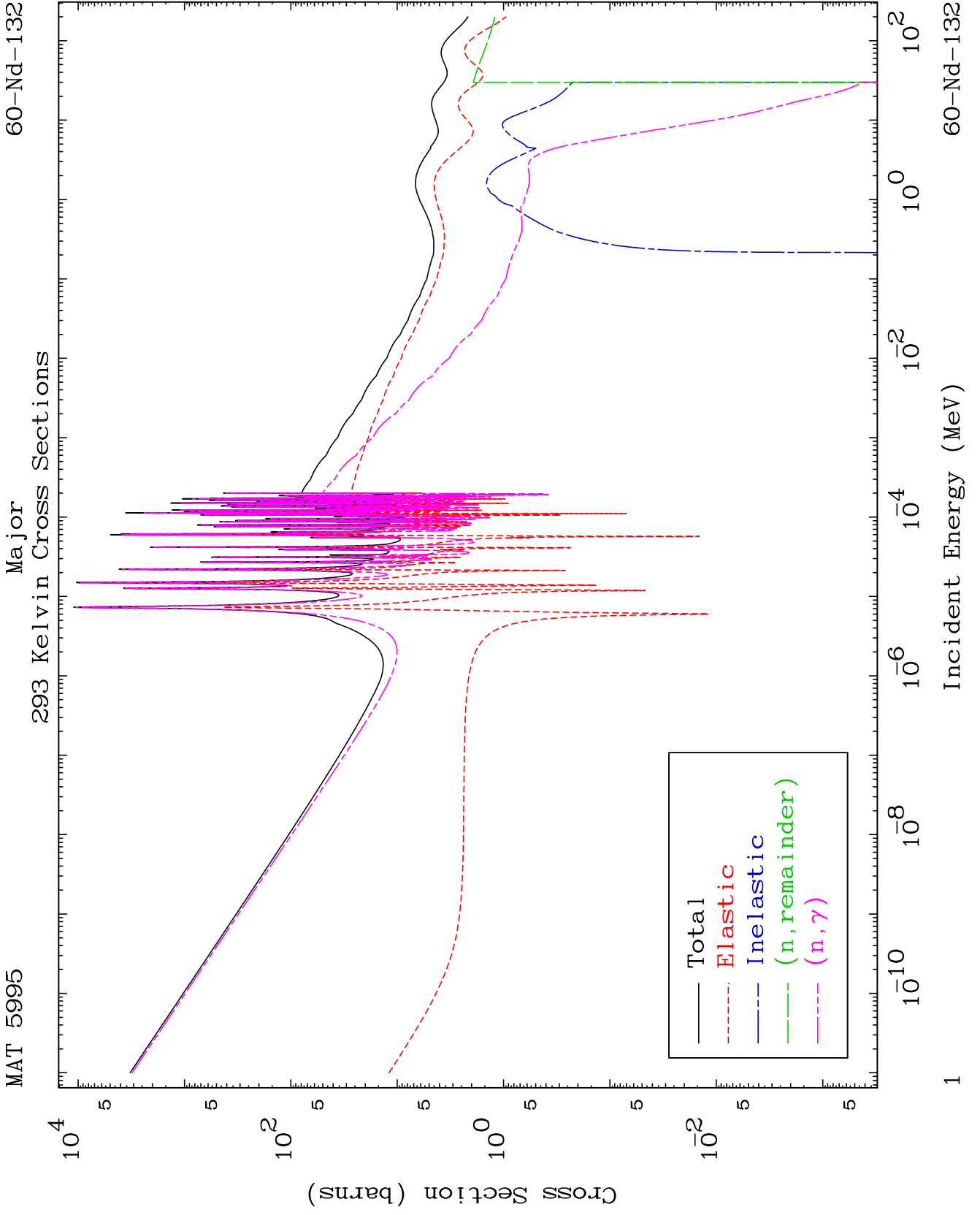
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Tele: 925-443-1911

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Web:redcullen1.net/HOMEPAGE.NEW

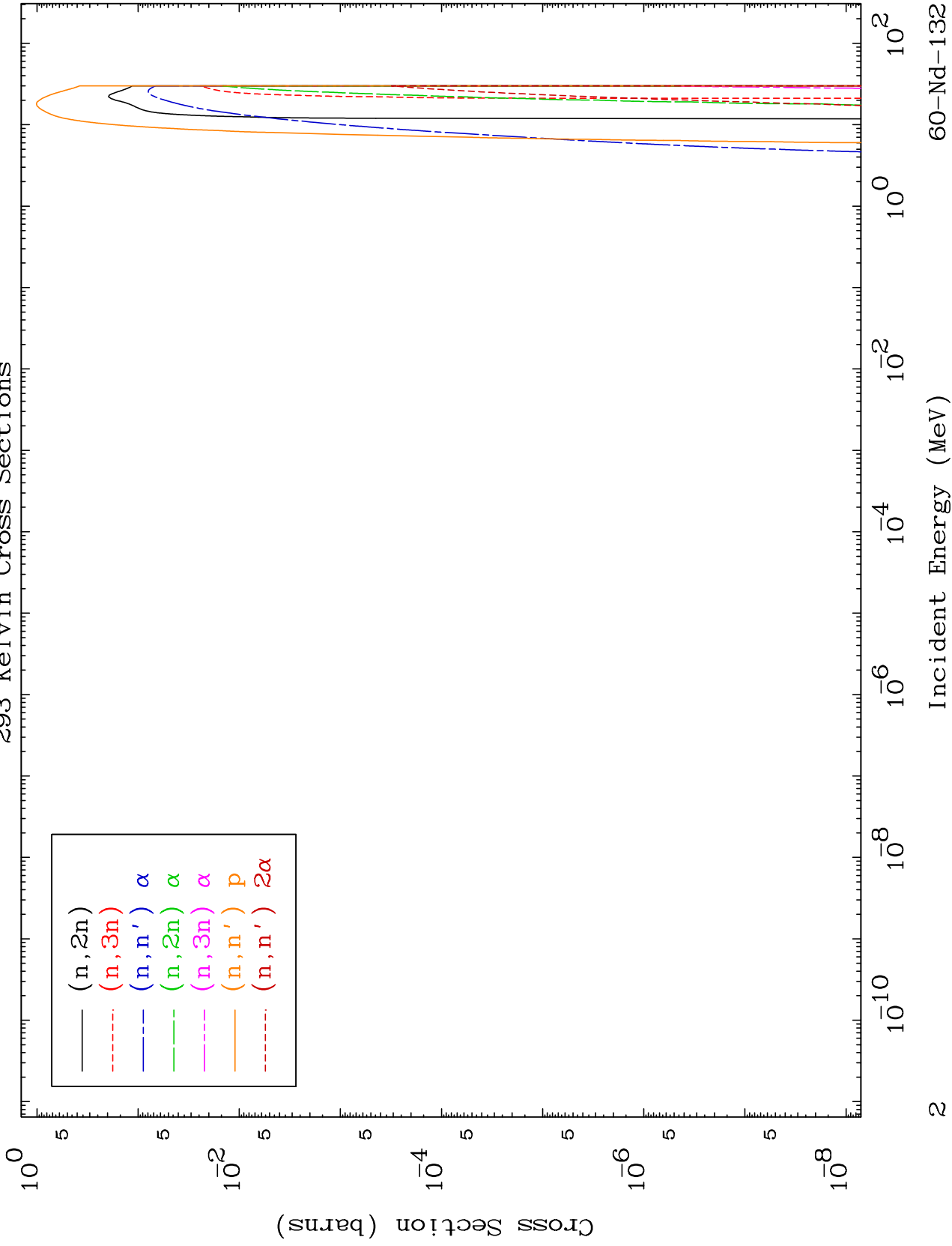
Press Mouse Button to Start



MAT 5995

Neutron Production
293 Kelvin Cross Sections

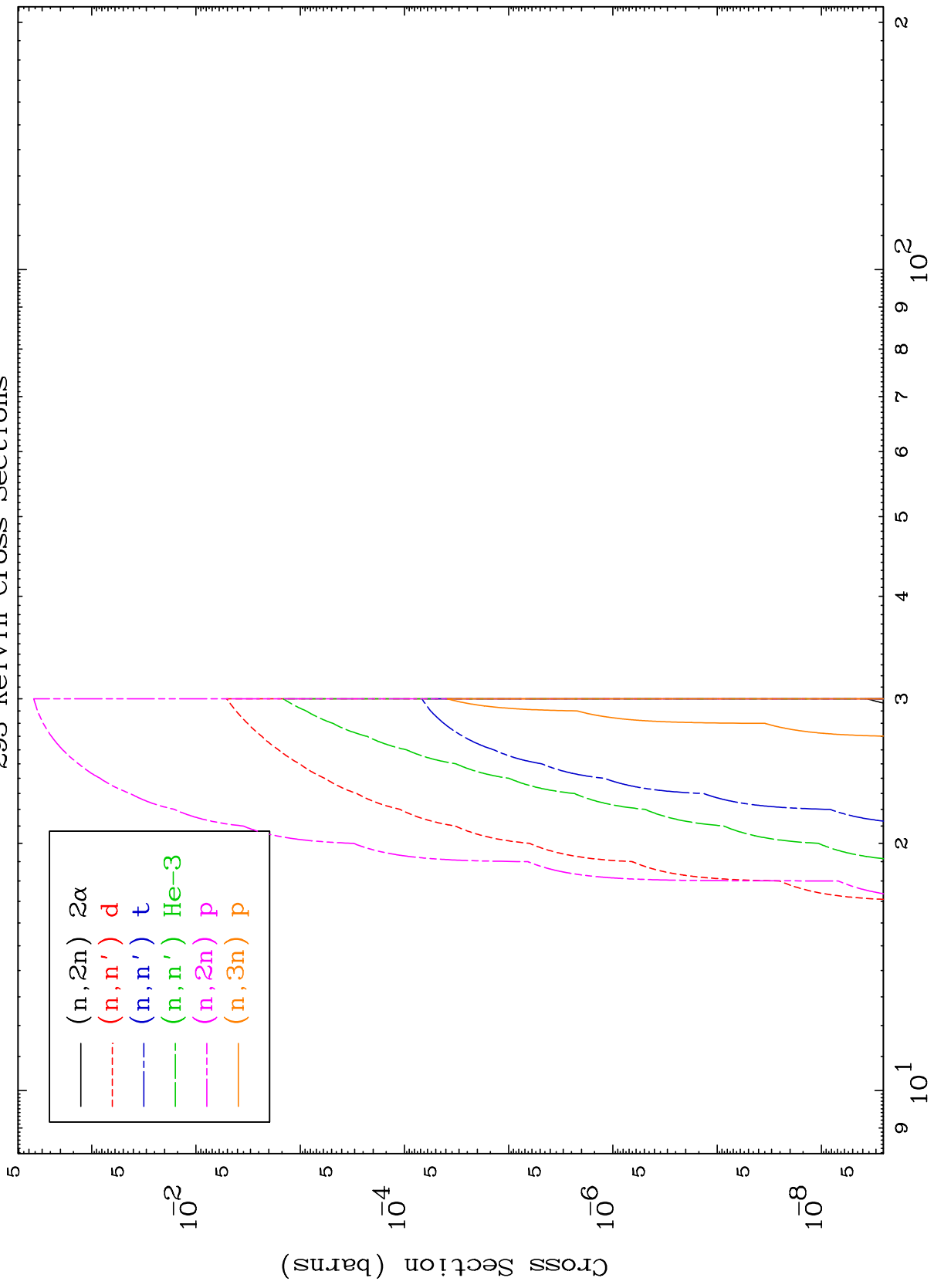
60-Nd-132



MAT 5995

Neutron Production
293 Kelvin Cross Sections

60-Nd-132



Incident Energy (MeV)

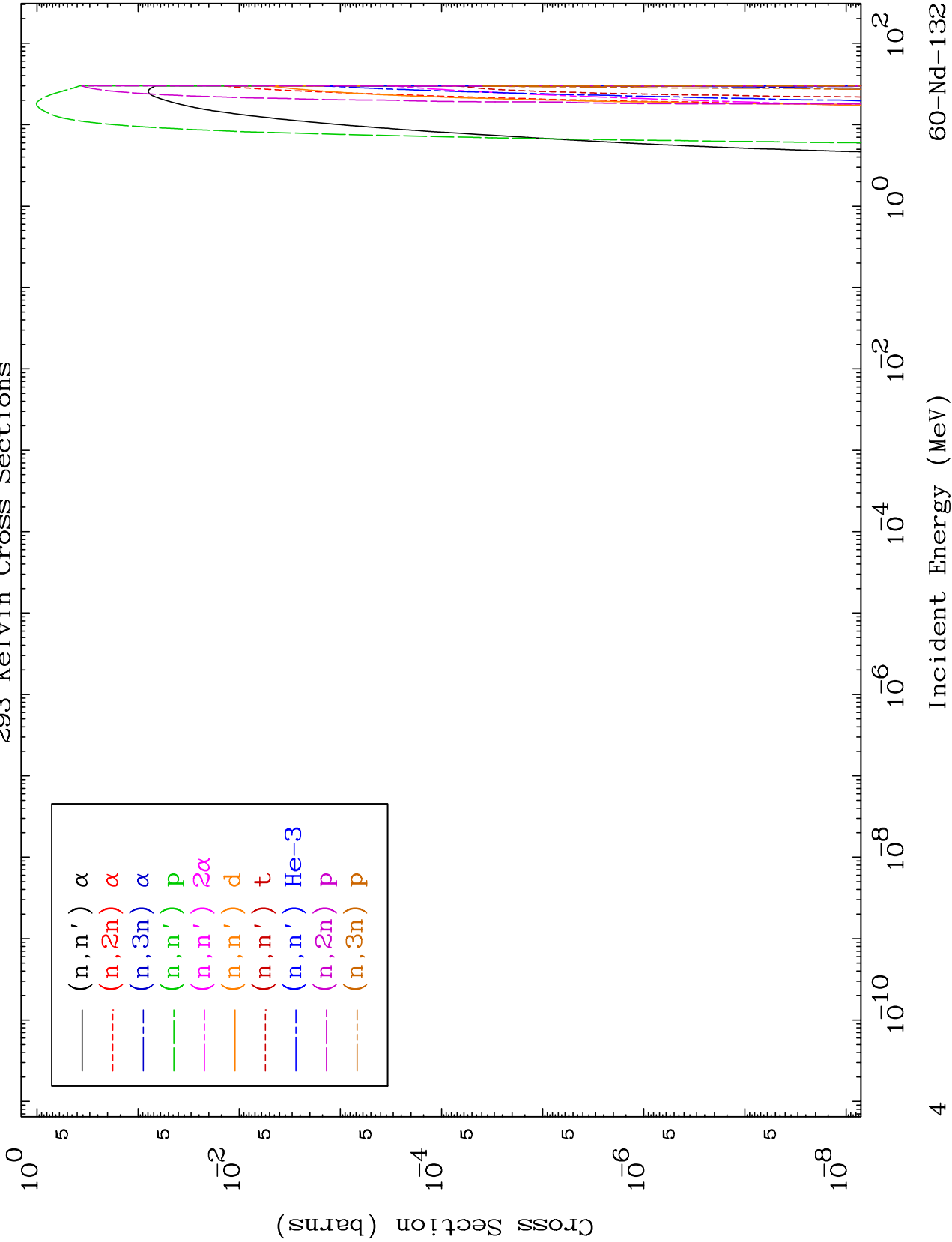
60-Nd-132

3

MAT 5995

Charged Particle
293 Kelvin Cross Sections

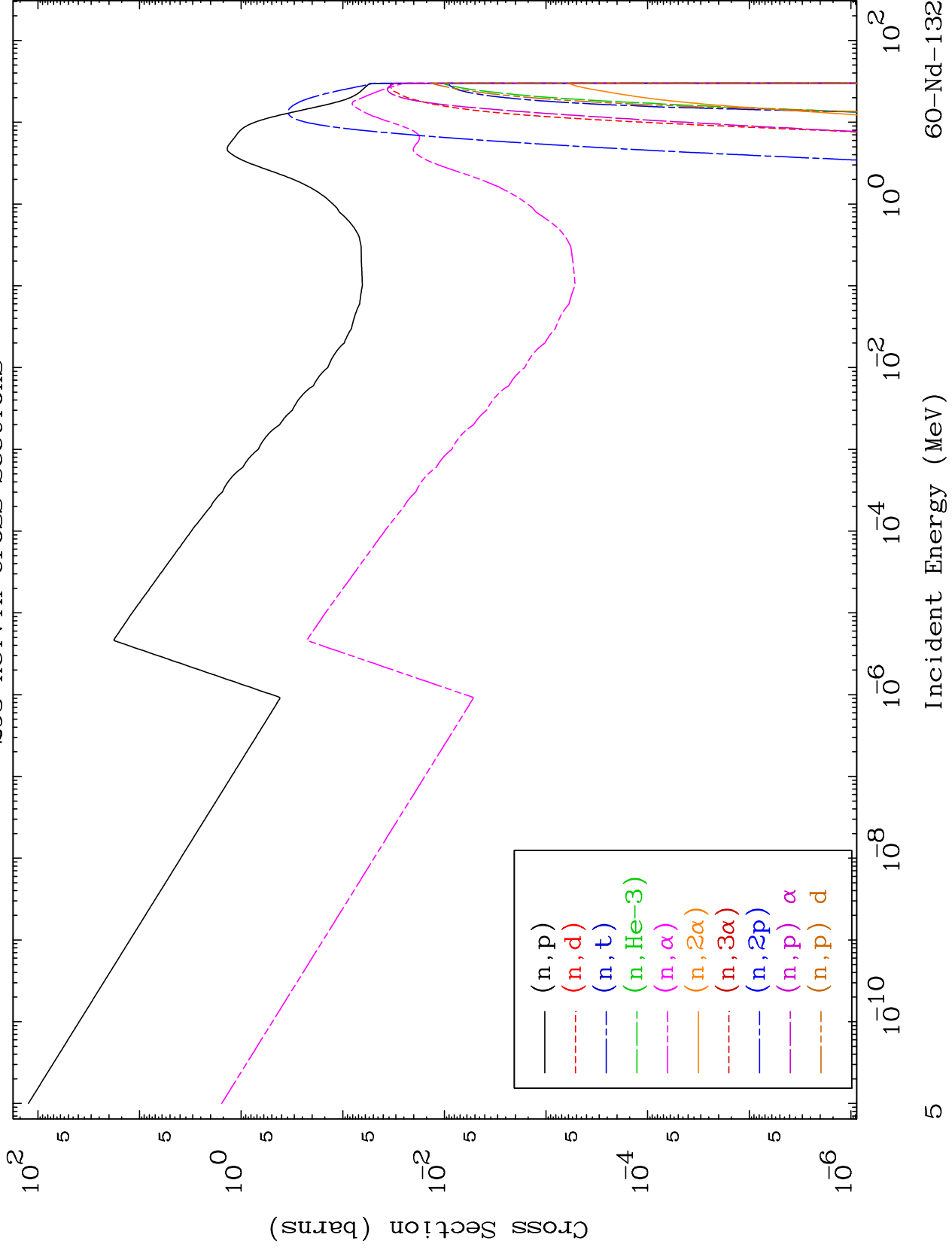
60-Nd-132



MAT 5995

Charged Particle
293 Kelvin Cross Sections

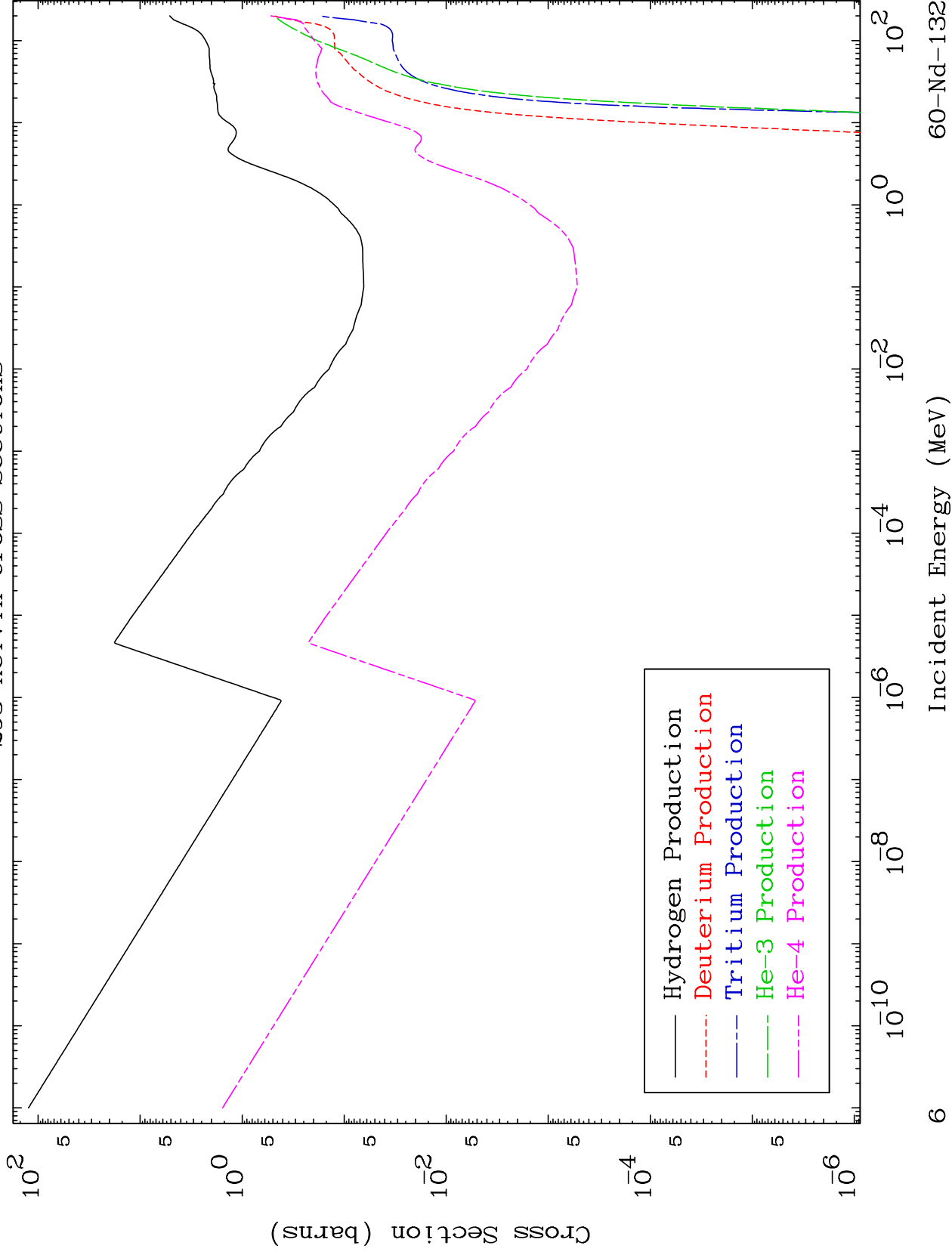
60-Nd-132



MAT 5995

Particle Production
293 Kelvin Cross Sections

60-Nd-132

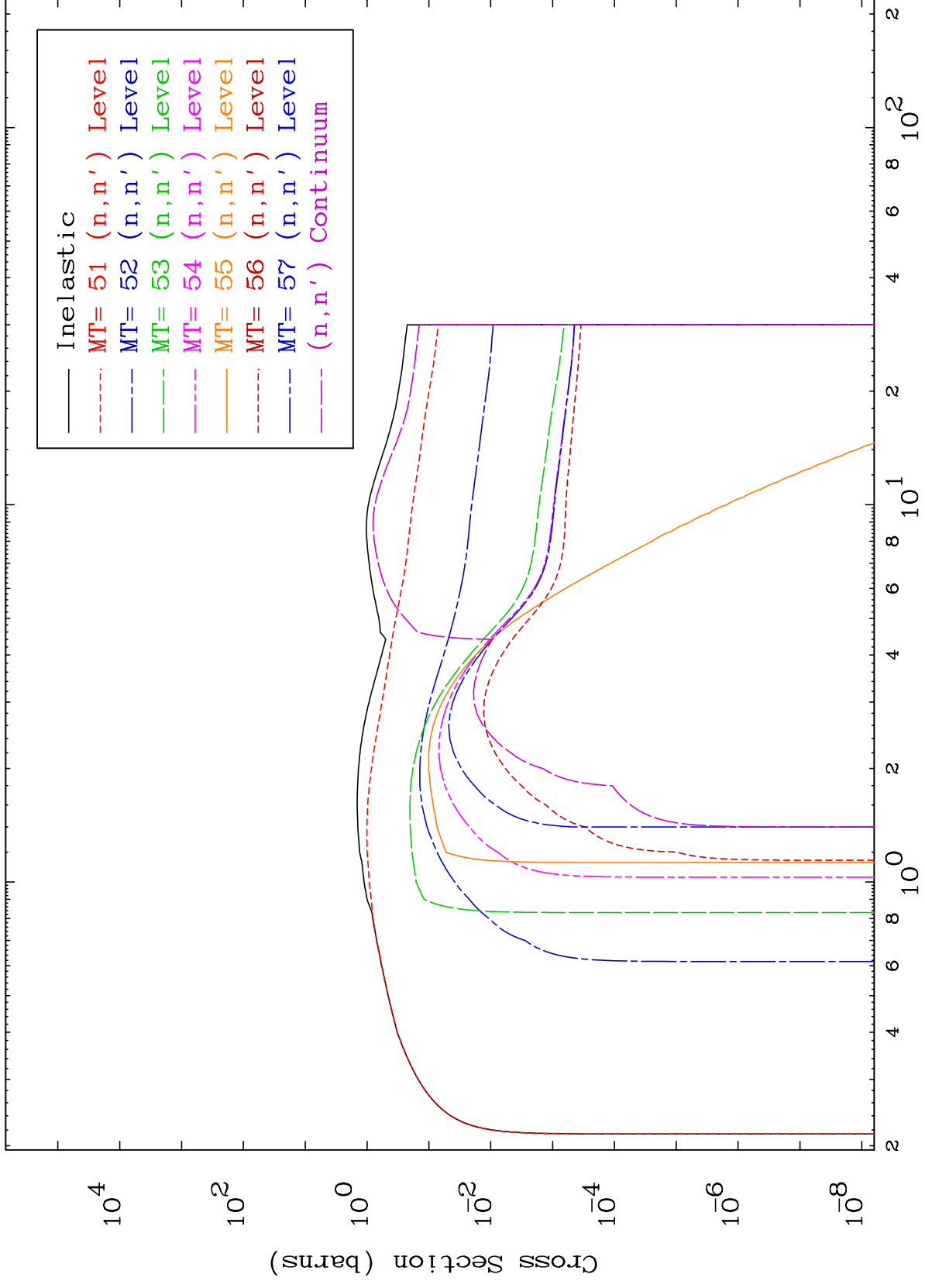


MAT 5995

(n,n') Level

60-Nd-132

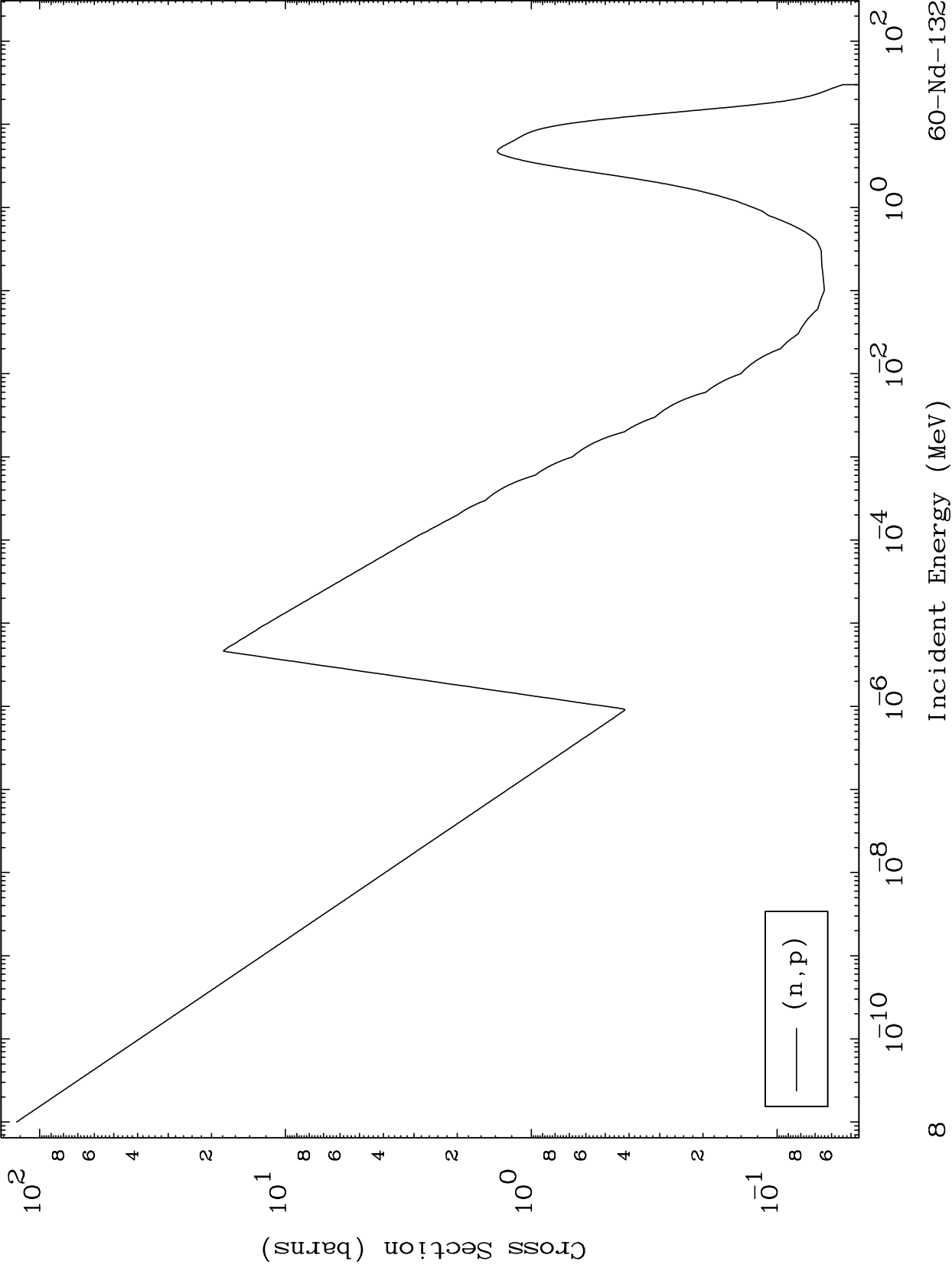
293 Kelvin Cross Sections



MAT 5995

(n,p) Levels
293 Kelvin Cross Sections

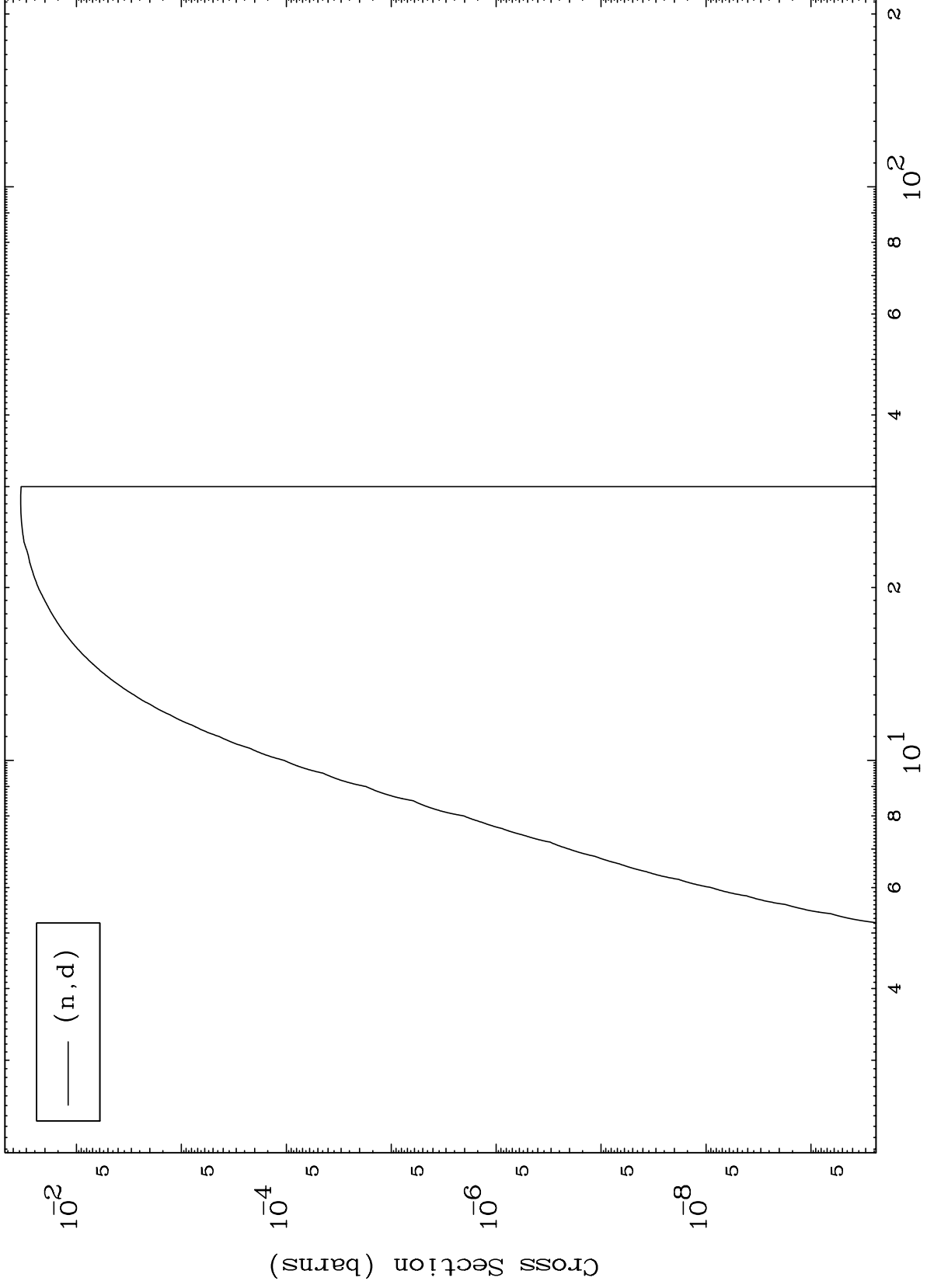
60-Nd-132



MAT 5995

(n,d) Levels
293 Kelvin Cross Sections

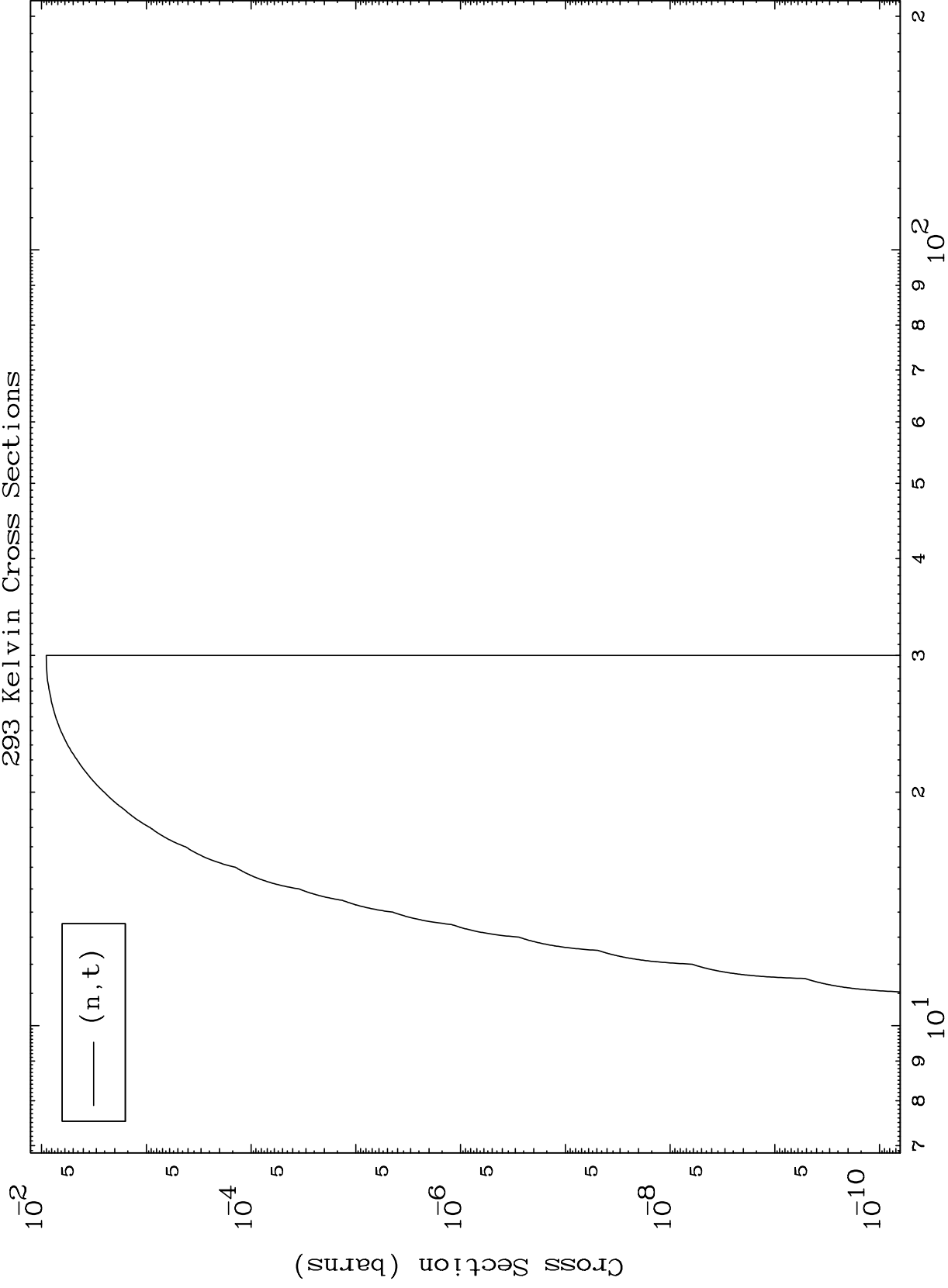
60-Nd-132



MAT 5995

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-132



Incident Energy (MeV)

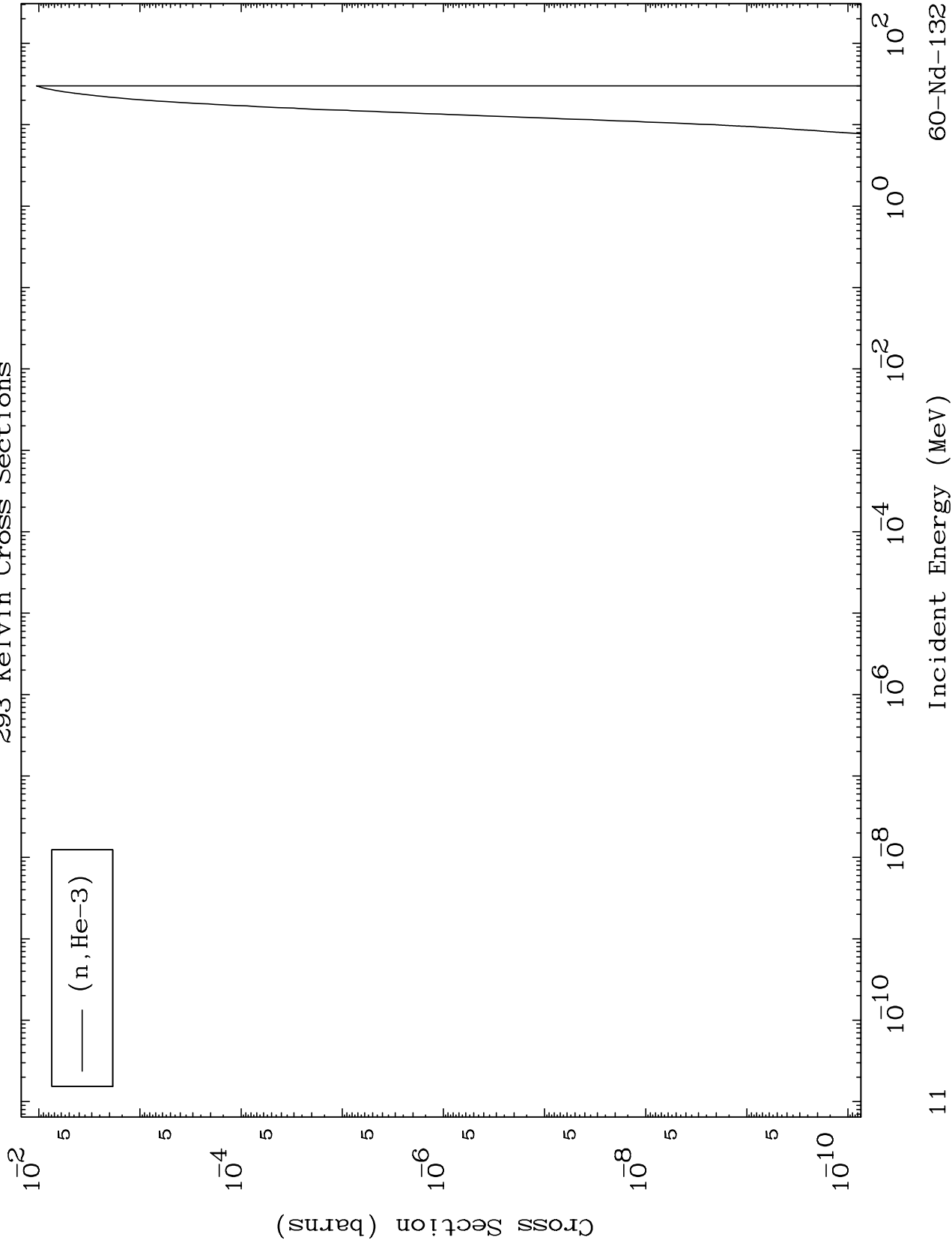
60-Nd-132

10

MAT 5995

(n,He3) Levels
293 Kelvin Cross Sections

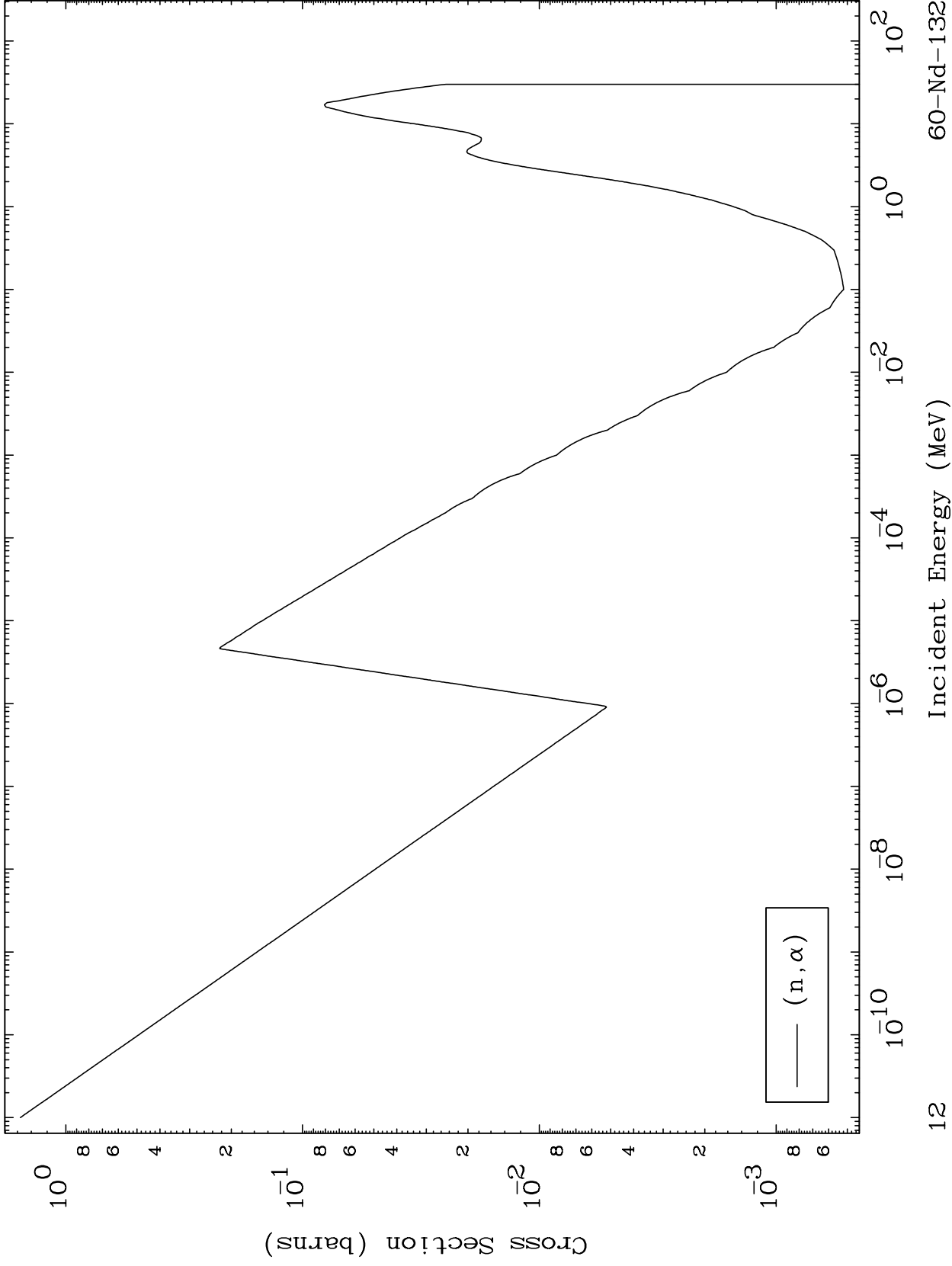
60-Nd-132

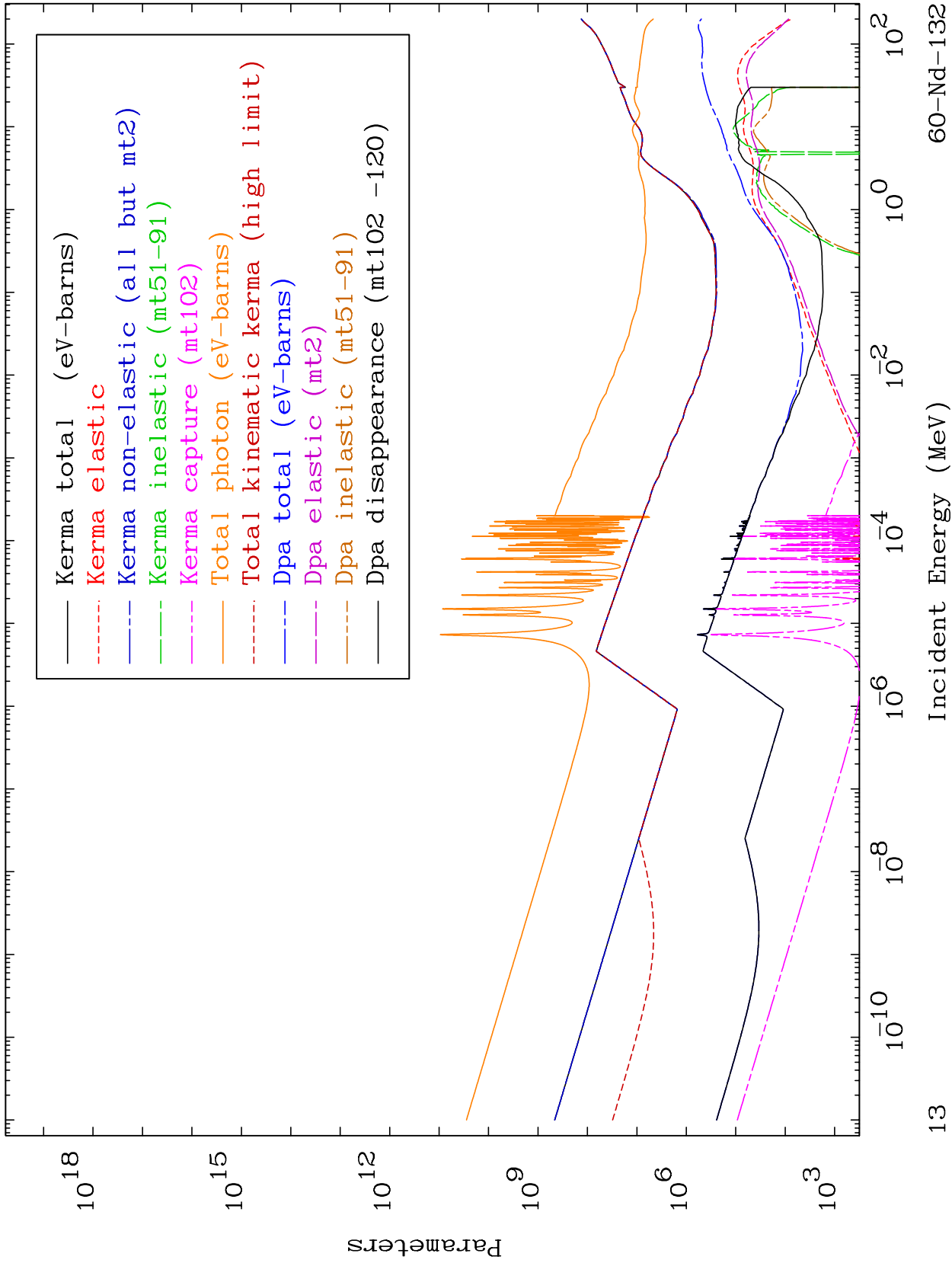


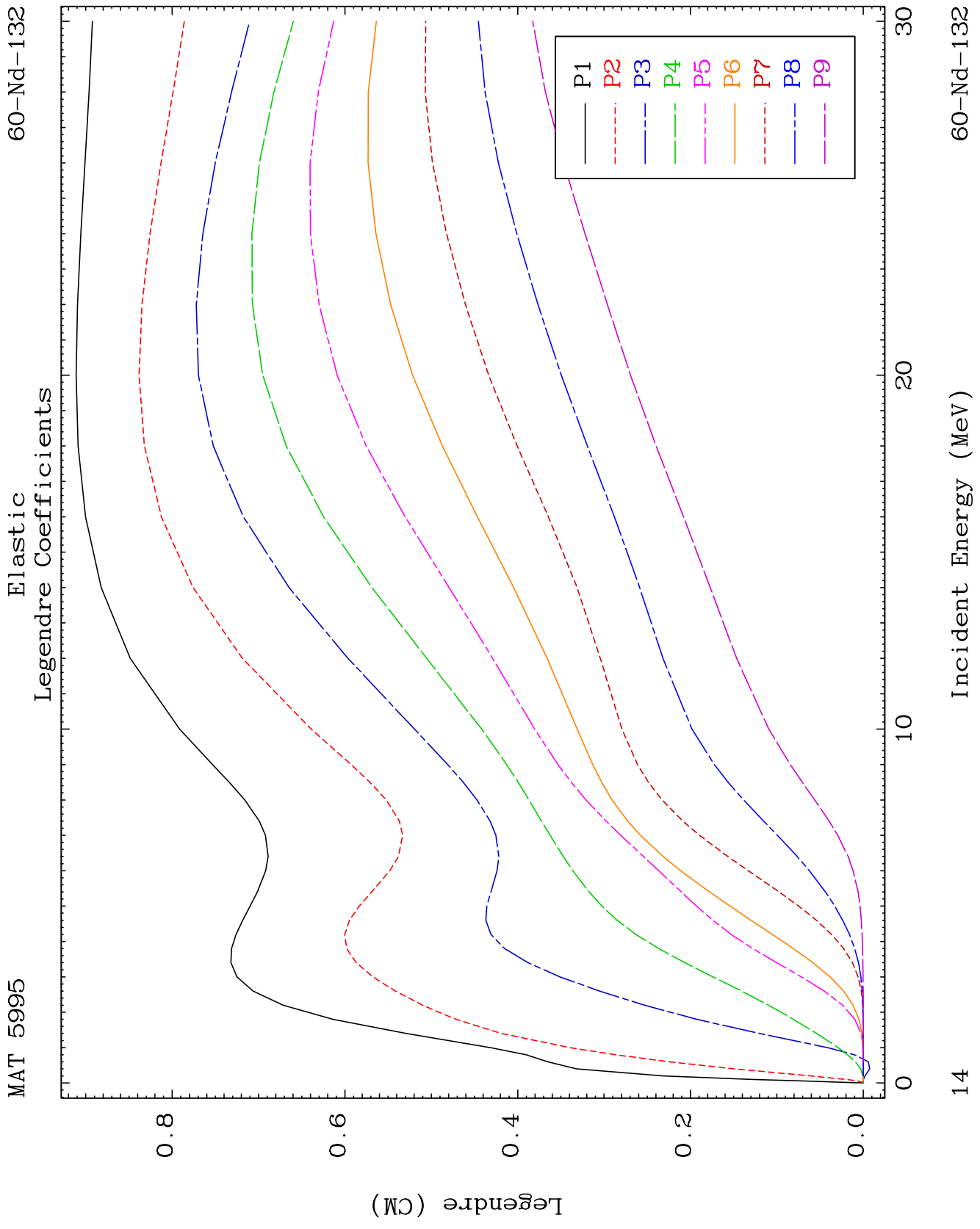
MAT 5995

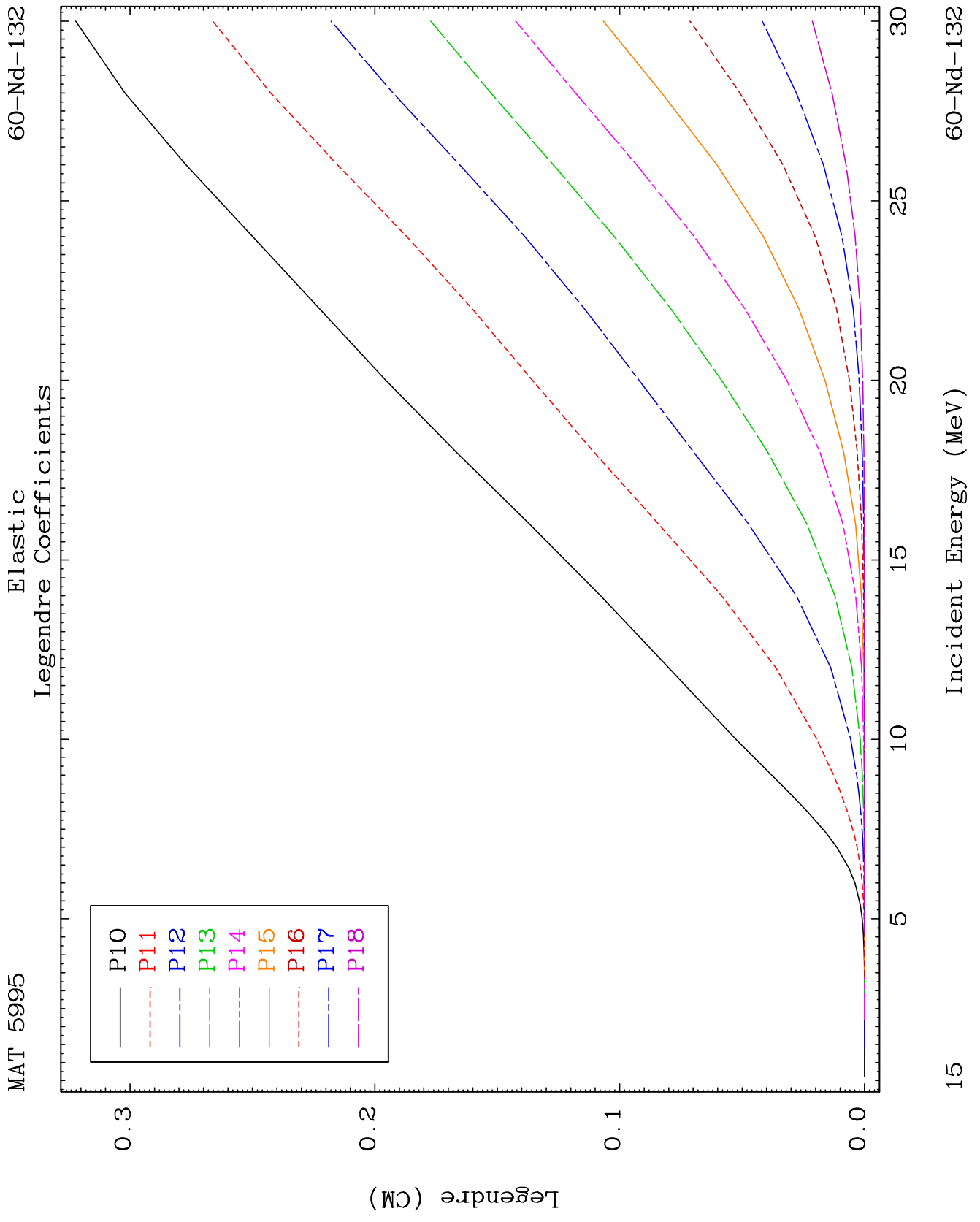
(n, α) Levels
293 Kelvin Cross Sections

60-Nd-132





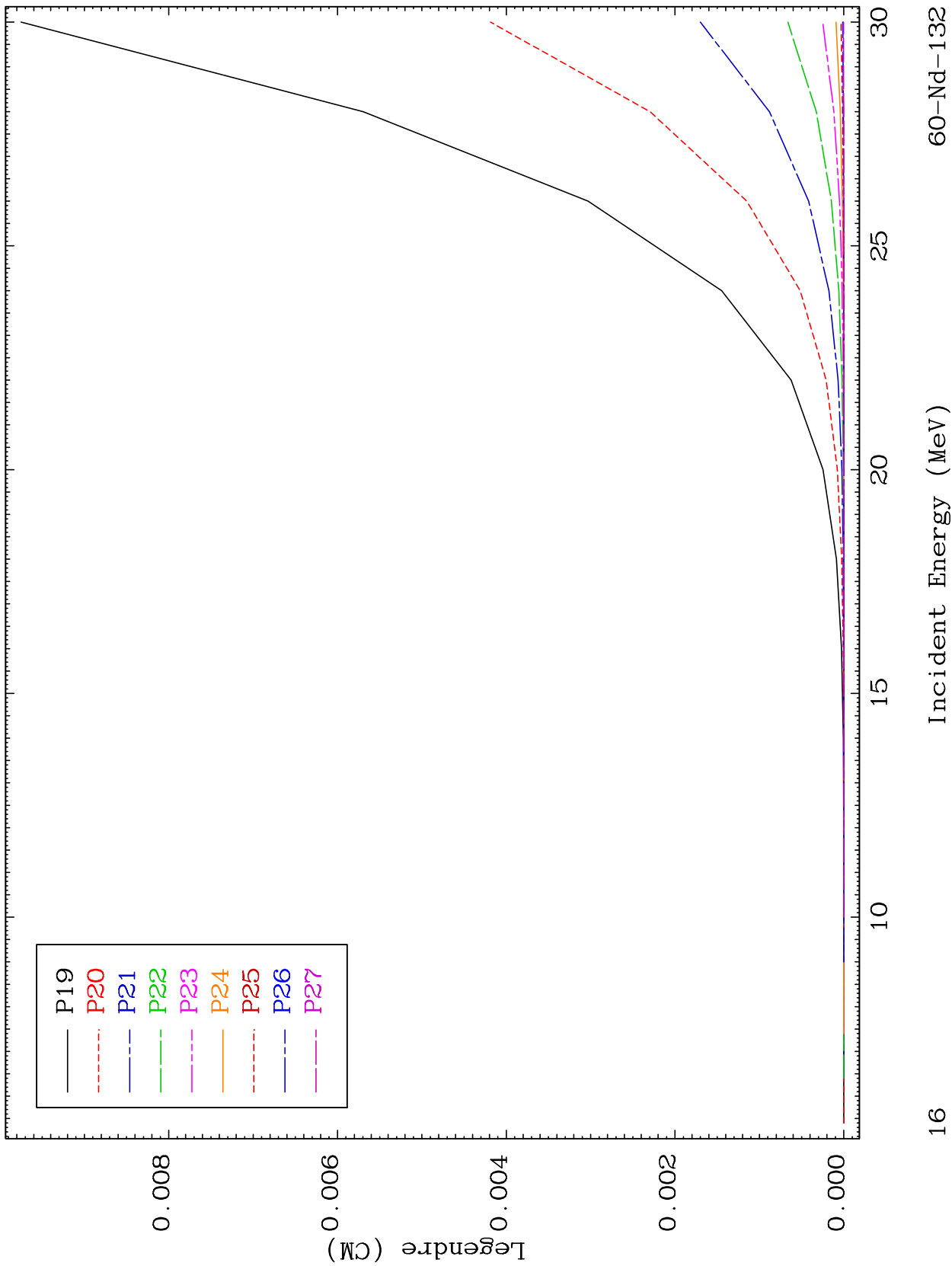




MAT 5995

Elastic Legendre Coefficients

60-Nd-132



16

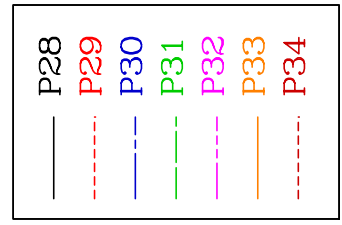
Incident Energy (MeV)

60-Nd-132

MAT 5995

Elastic
Legendre Coefficients

60-Nd-132



17

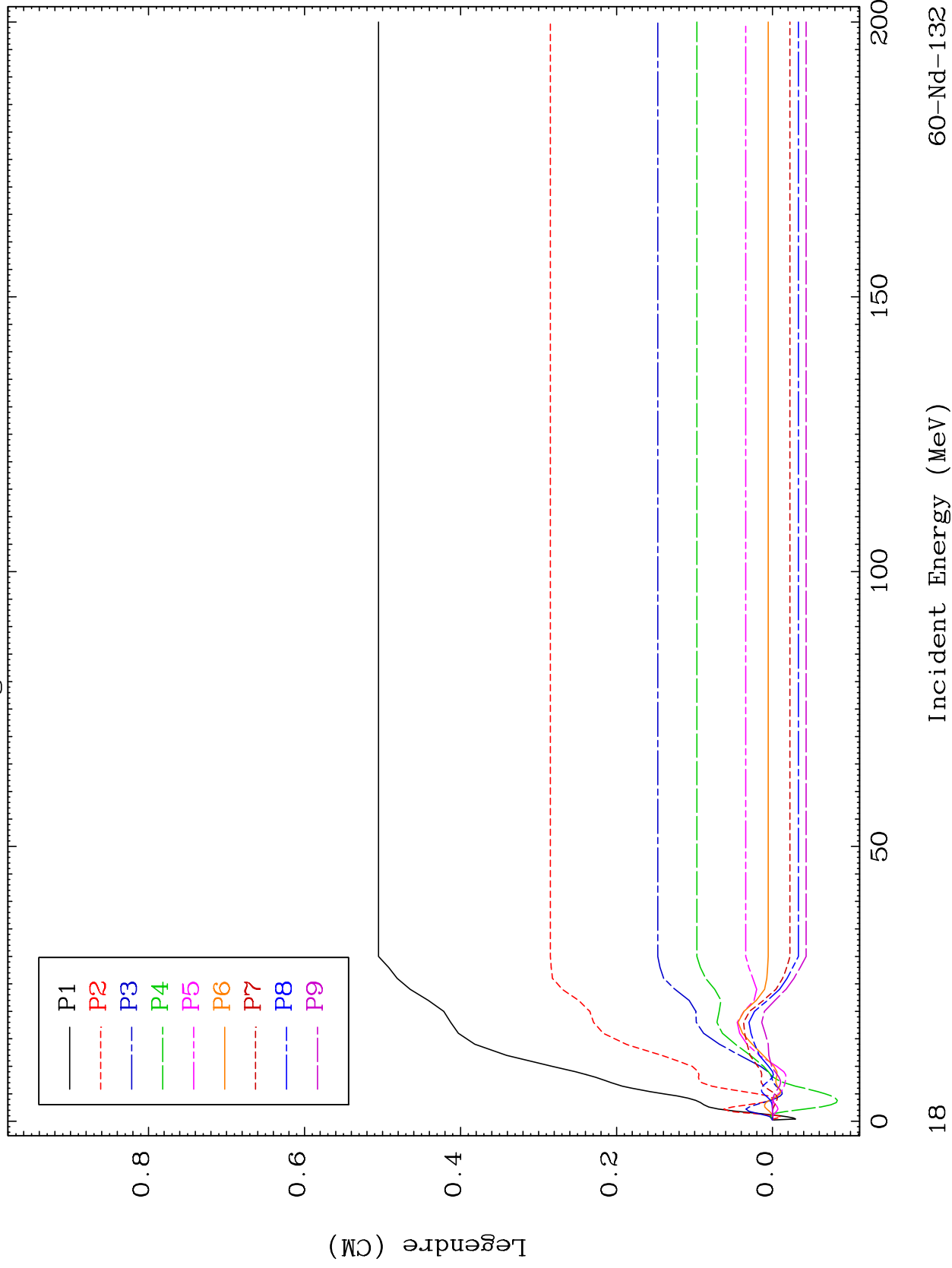
Incident Energy (MeV)

60-Nd-132

MAT 5995

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

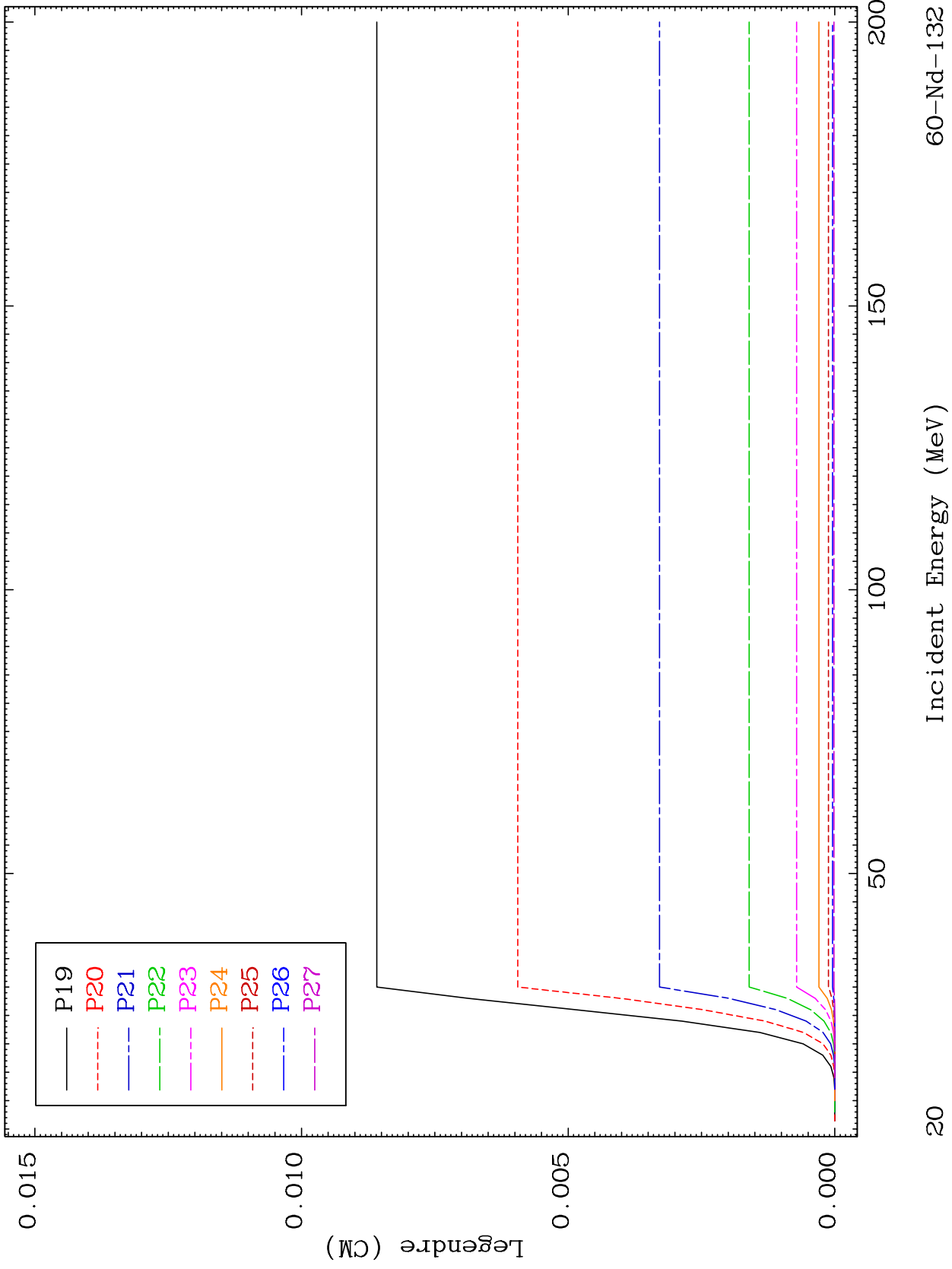
60-Nd-132



MAT 5995

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

60-Nd-132



20

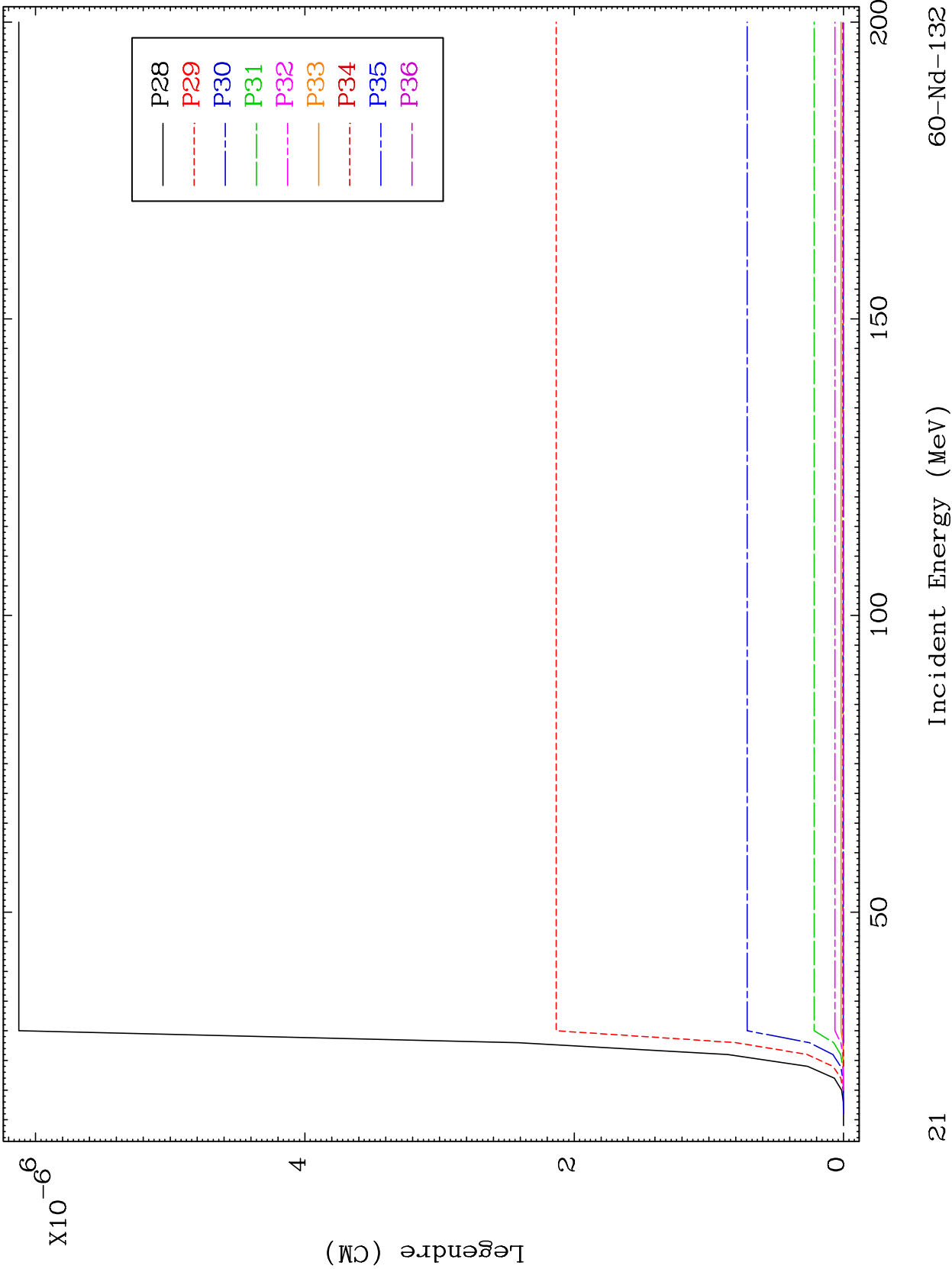
Incident Energy (MeV)

60-Nd-132

MAT 5995

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

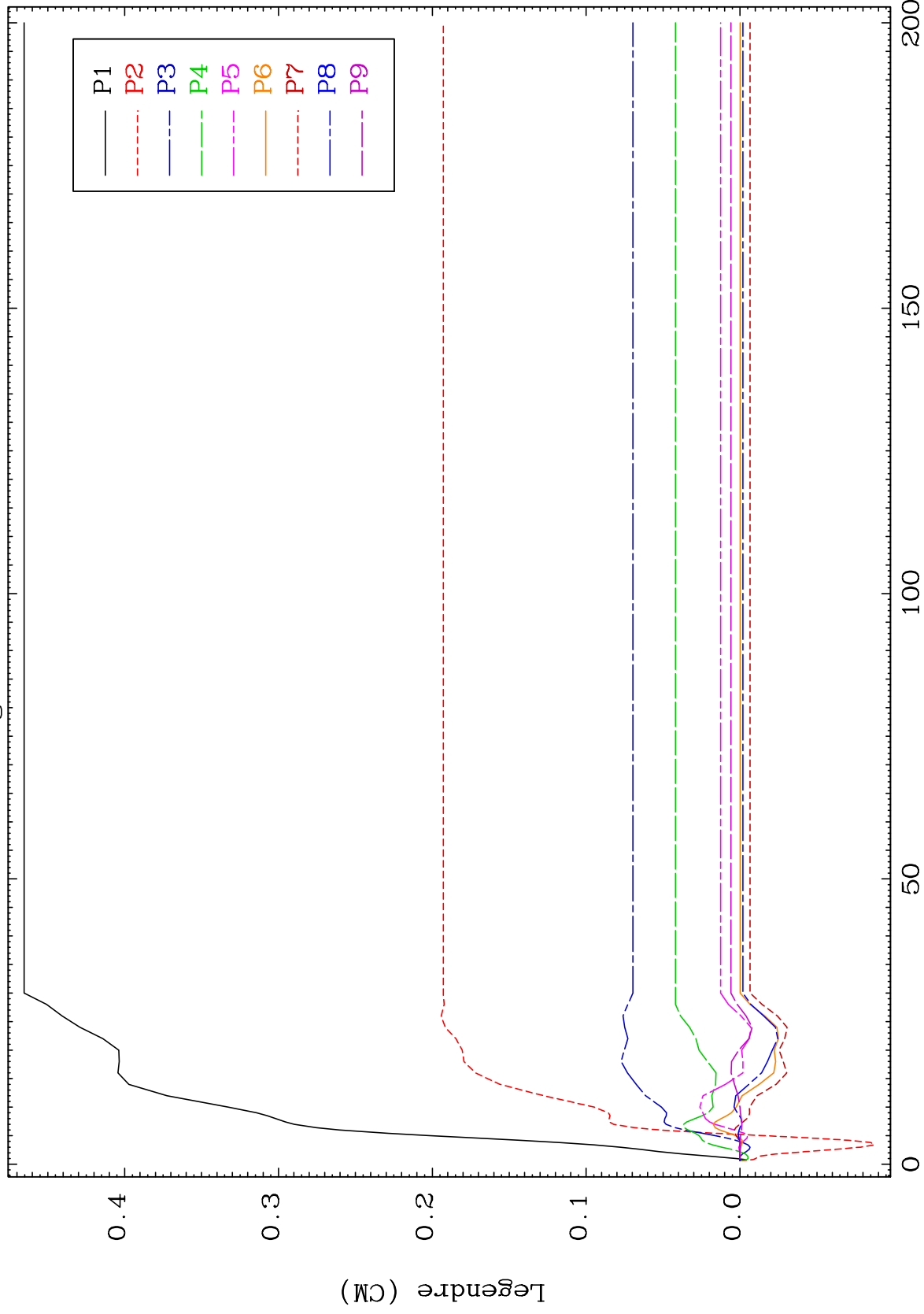
60-Nd-132



MAT 5995

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

60-Nd-132



22

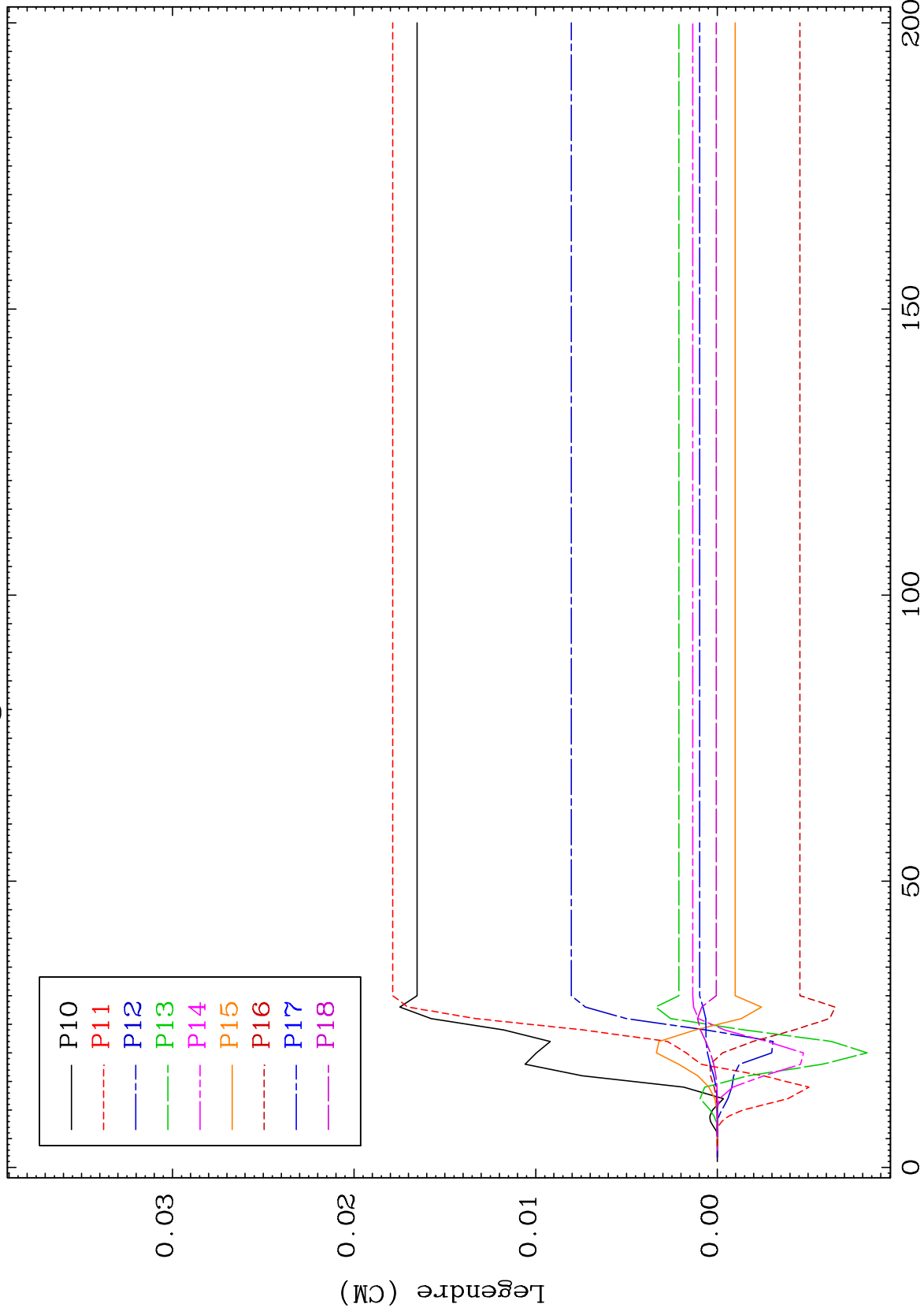
Incident Energy (MeV)

60-Nd-132

MAT 5995

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

60-Nd-132



23

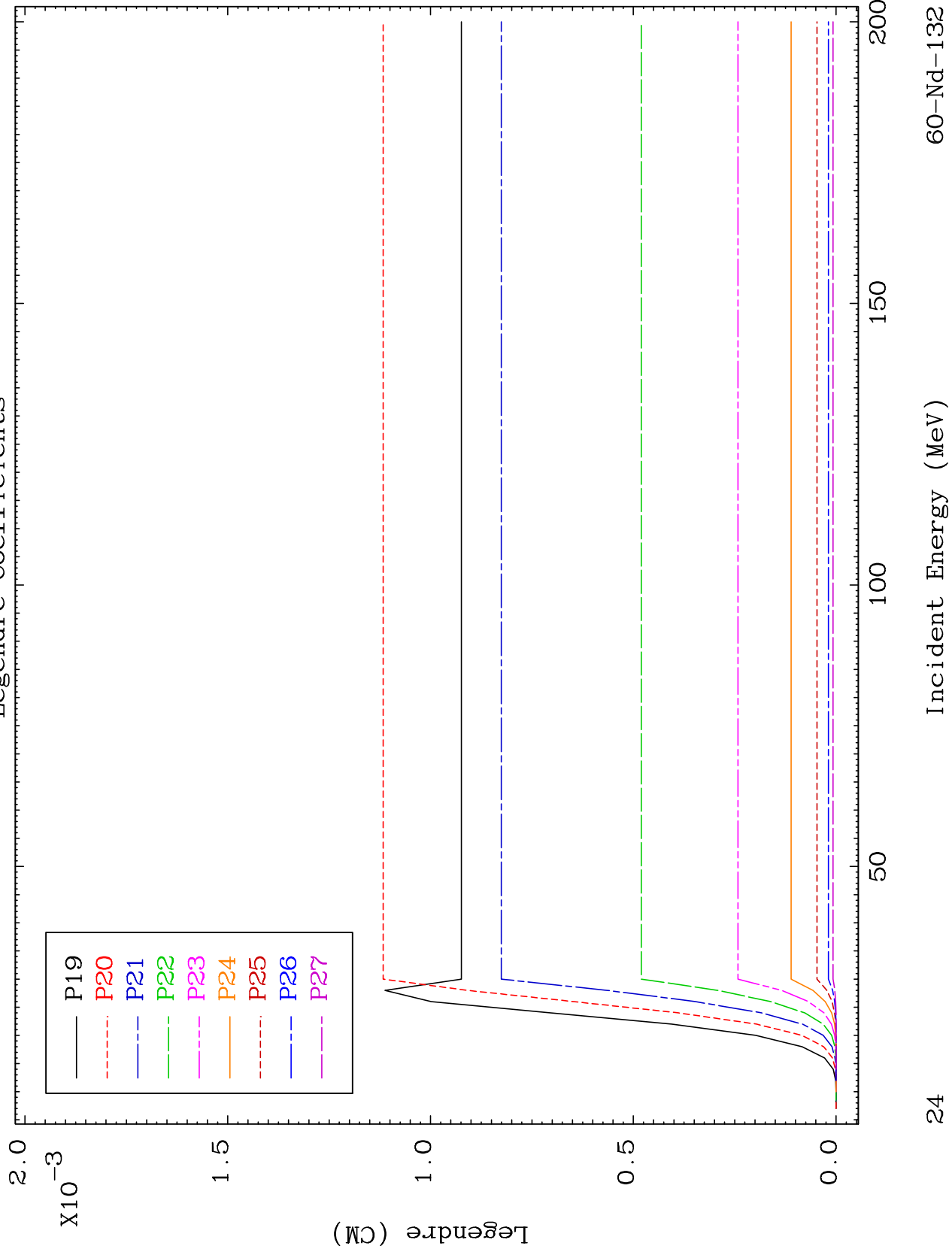
Incident Energy (MeV)

60-Nd-132

MAT 5995

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

60-Nd-132



24

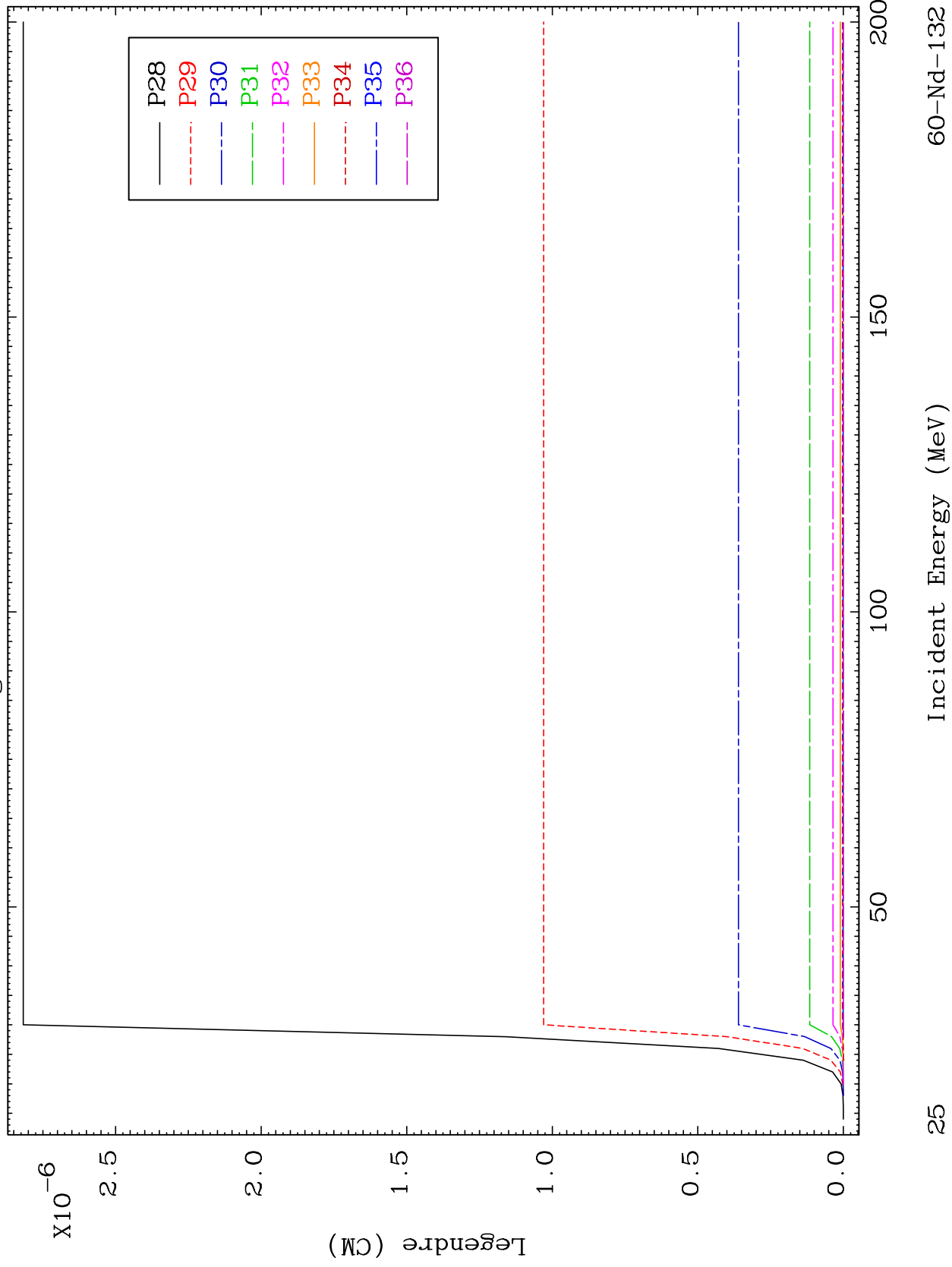
Incident Energy (MeV)

60-Nd-132

MAT 5995

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

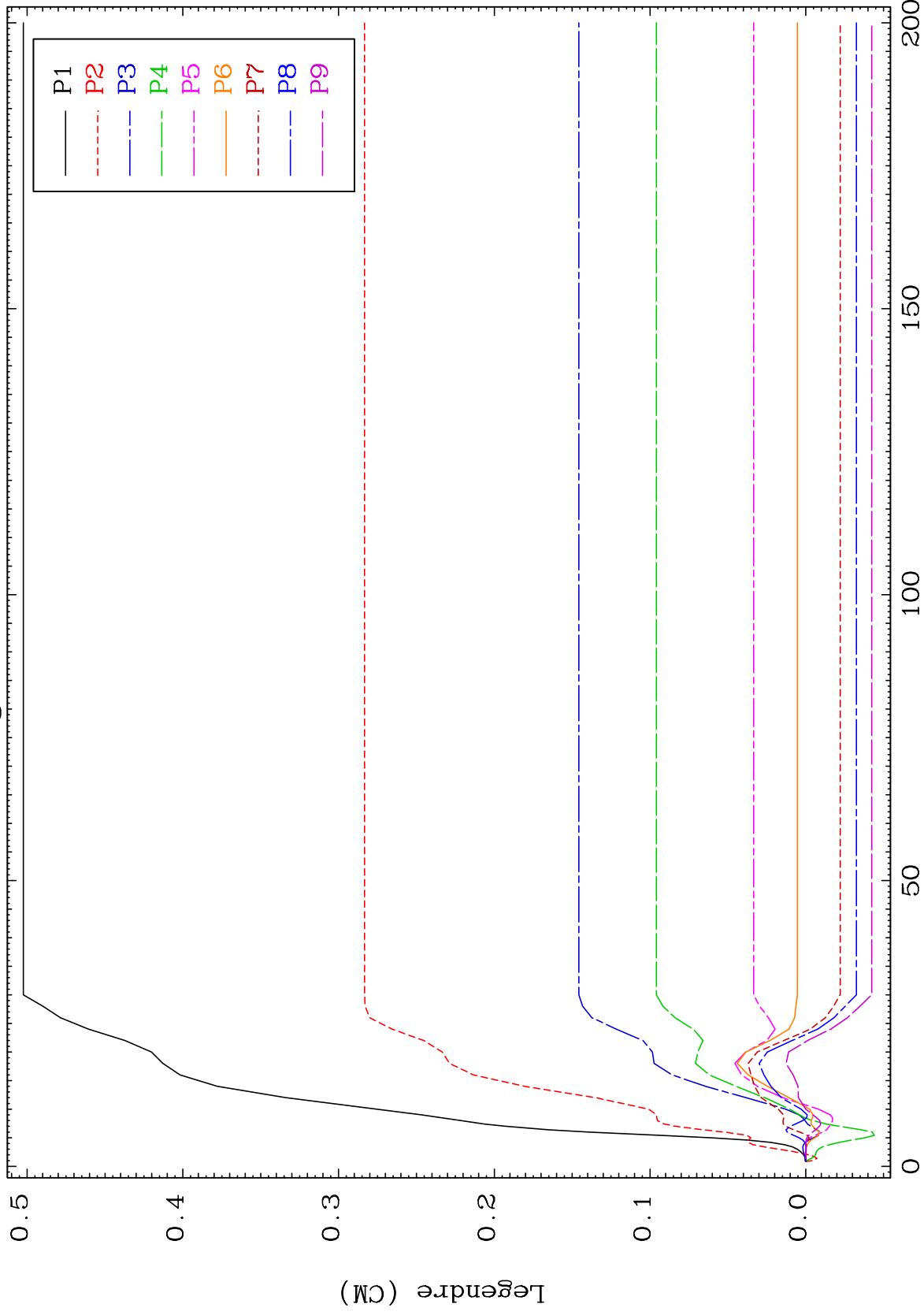
60-Nd-132



MAT 5995

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

60-Nd-132



26

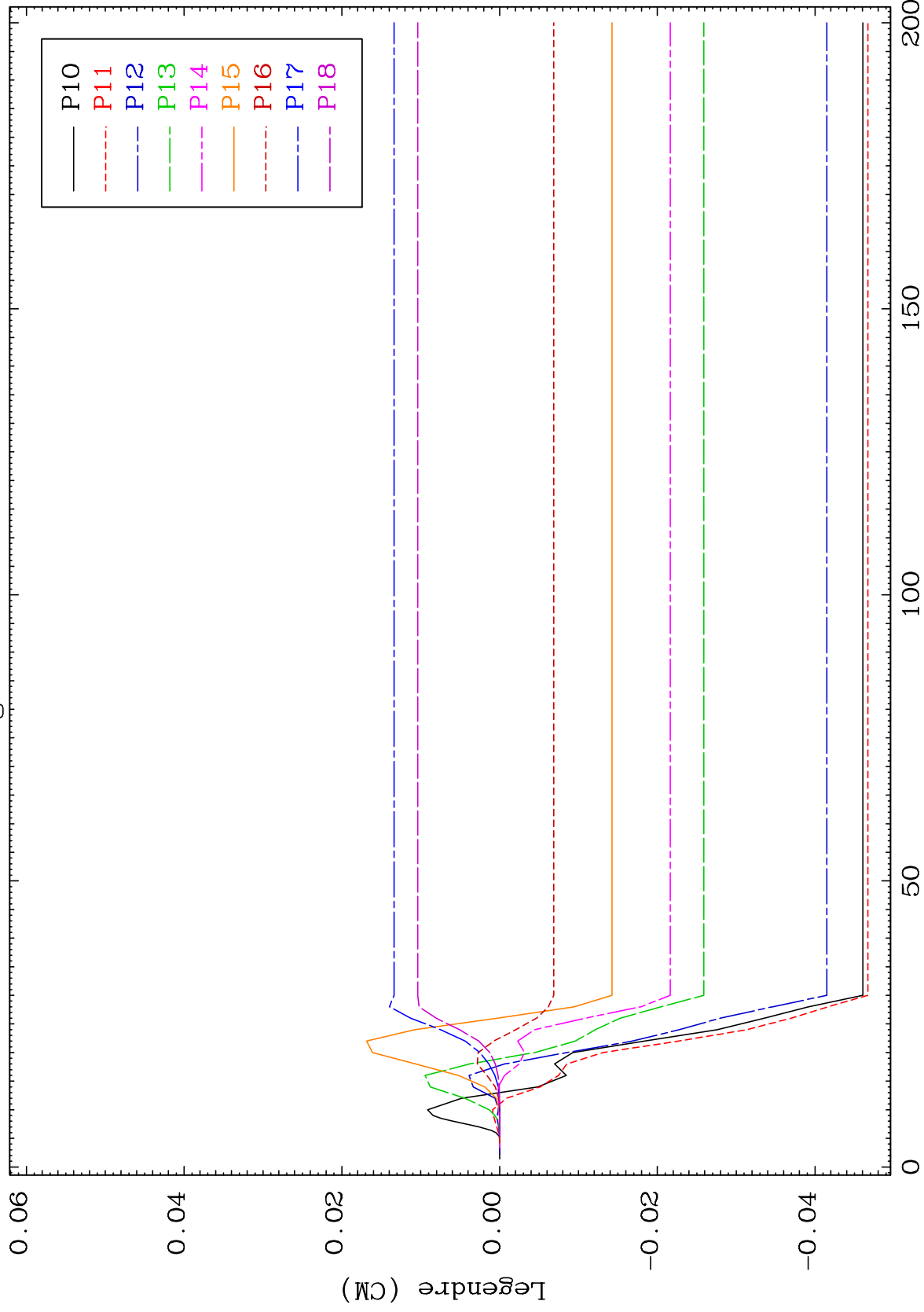
Incident Energy (MeV)

60-Nd-132

MAT 5995

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

60-Nd-132



27

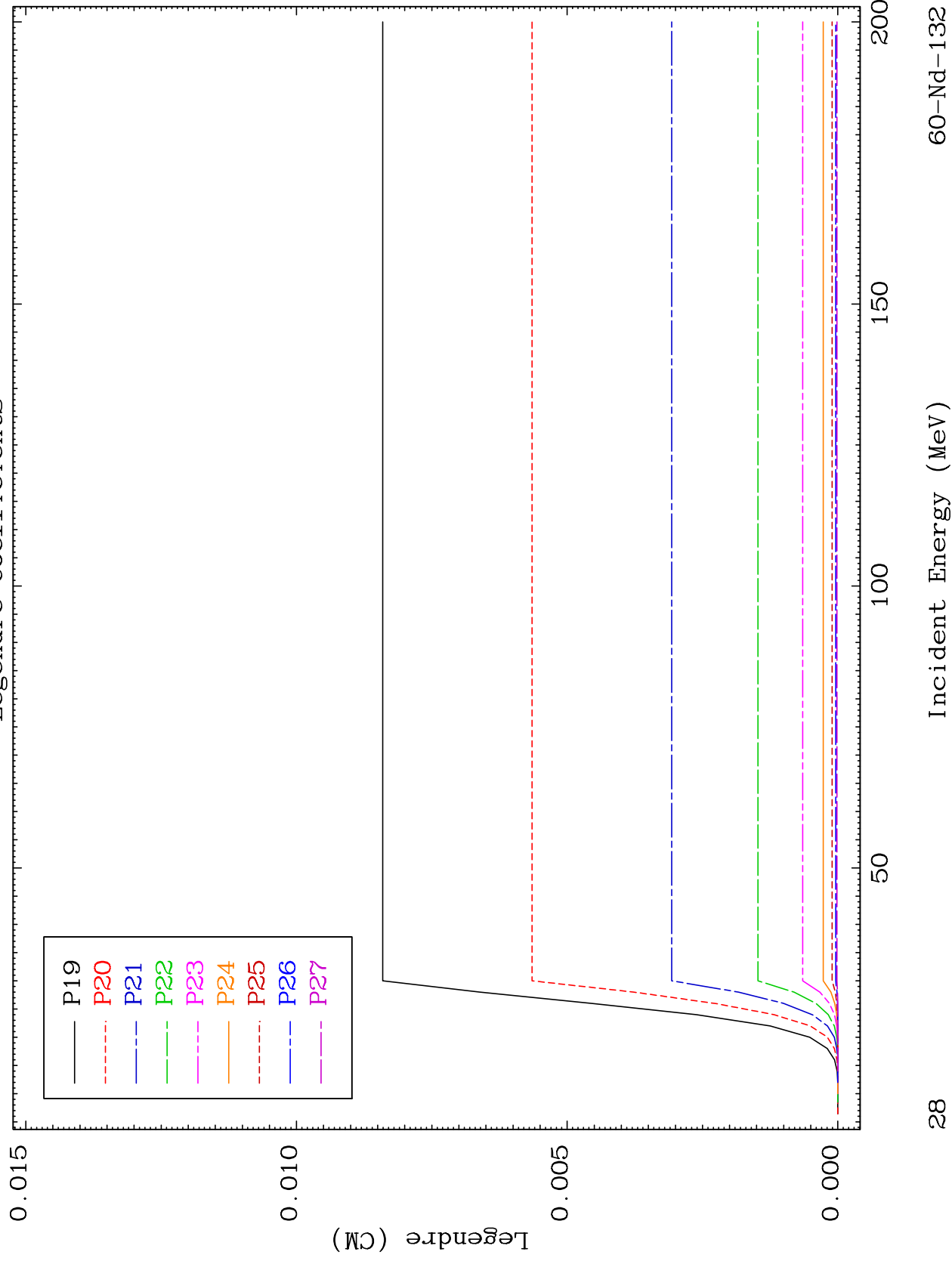
Incident Energy (MeV)

60-Nd-132

MAT 5995

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

60-Nd-132



28

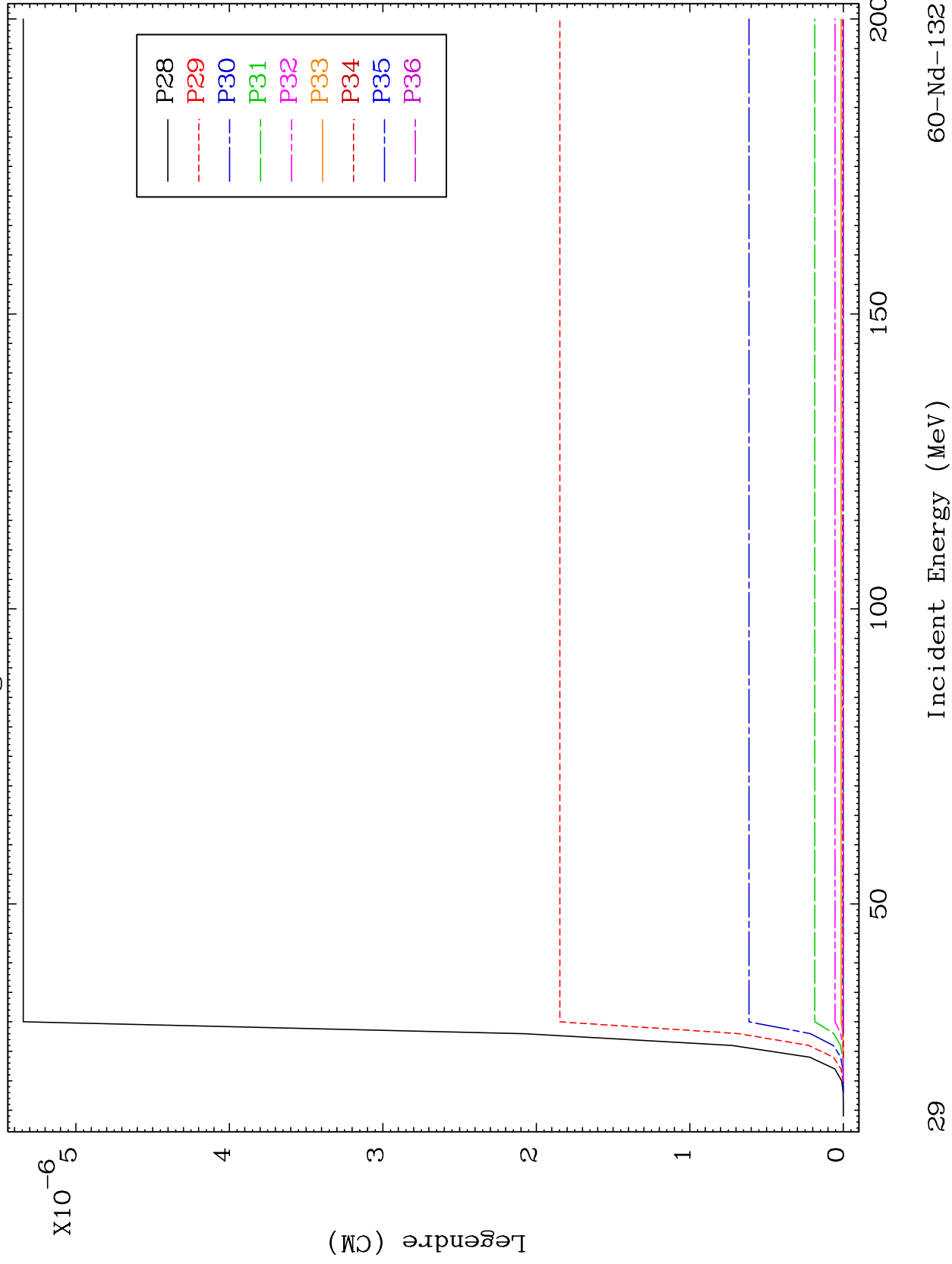
Incident Energy (MeV)

60-Nd-132

MAT 5995

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

60-Nd-132



29

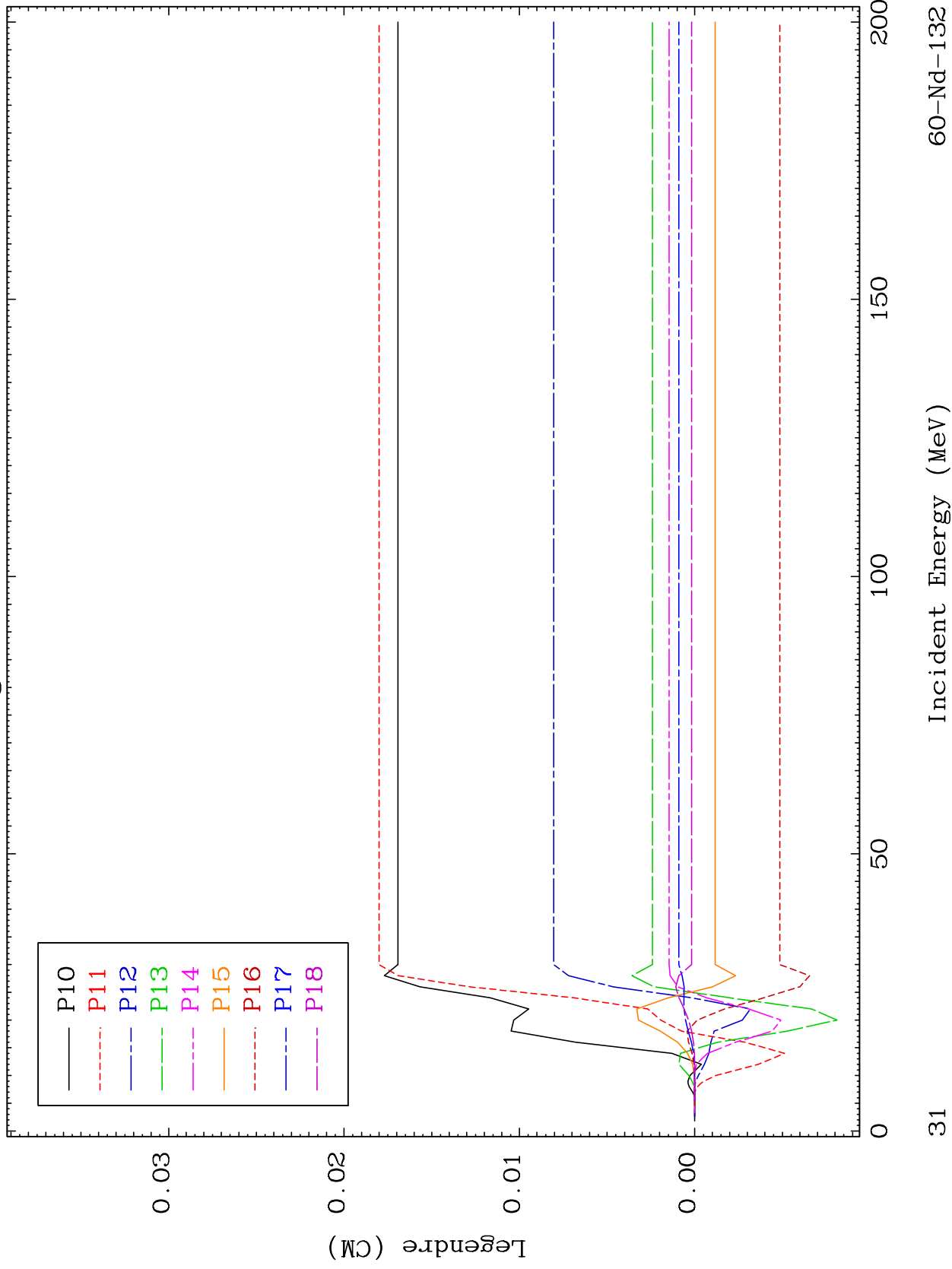
Incident Energy (MeV)

60-Nd-132

MAT 5995

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

60-Nd-132



31

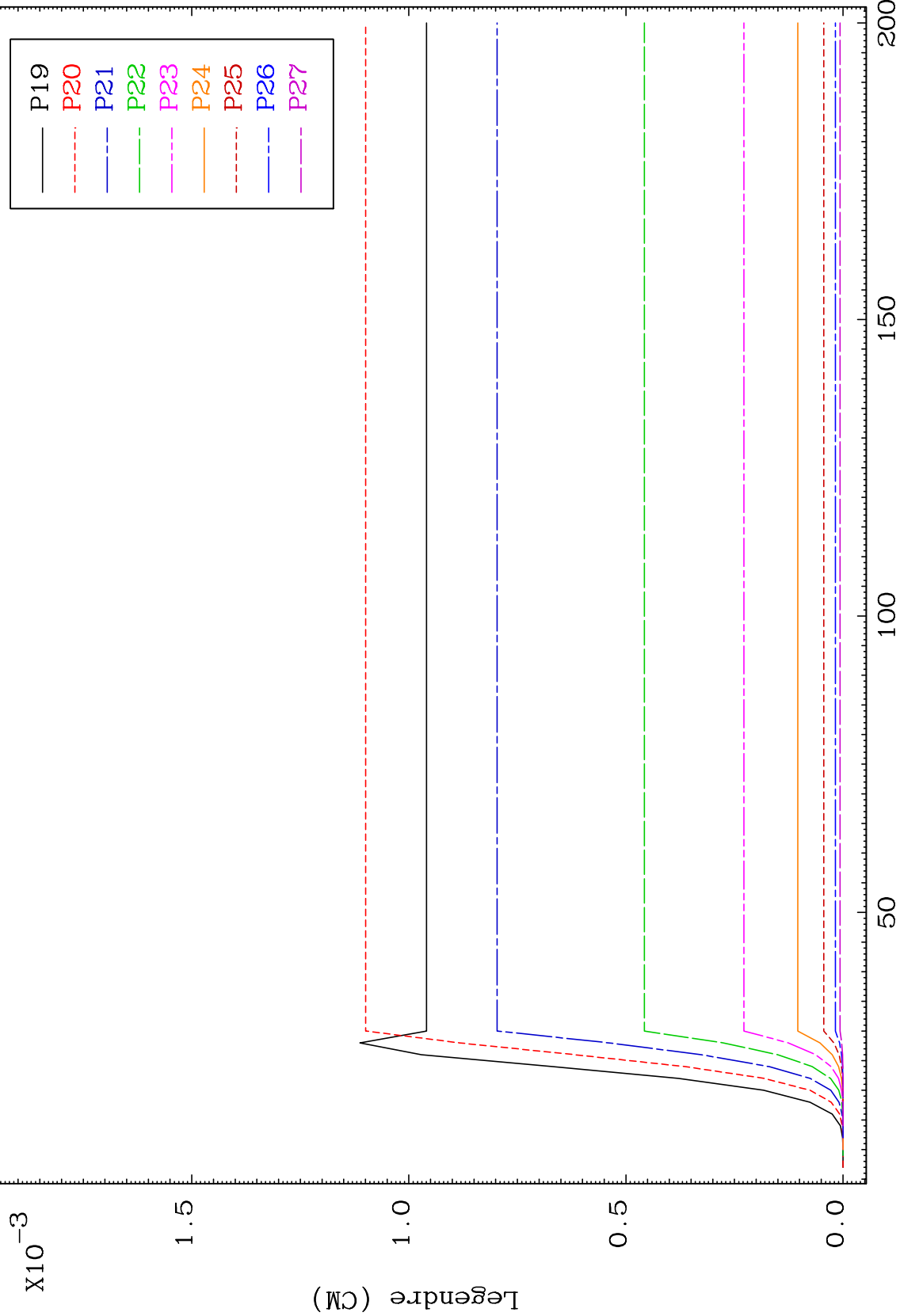
Incident Energy (MeV)

60-Nd-132

MAT 5995

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

60-Nd-132



32

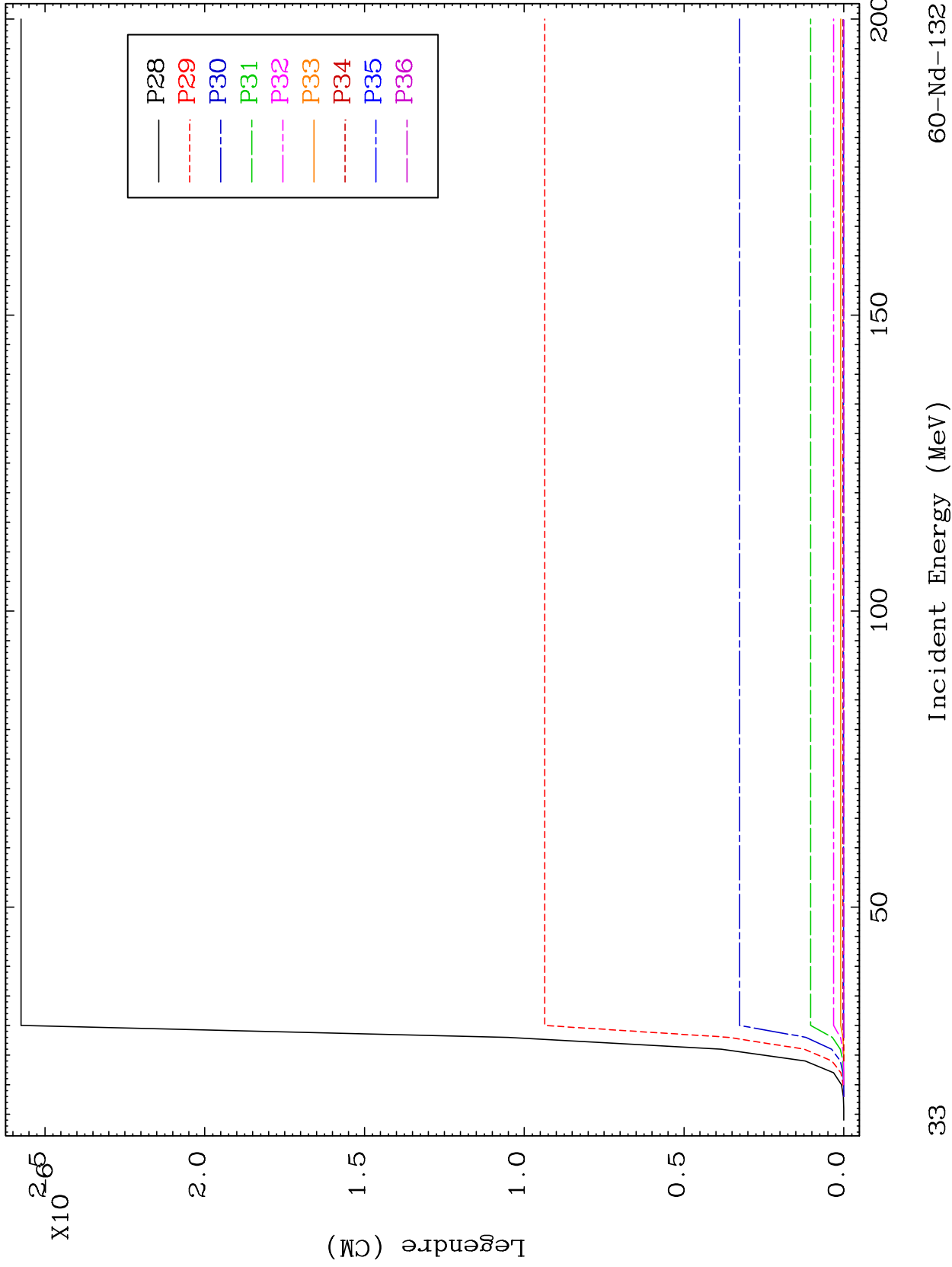
Incident Energy (MeV)

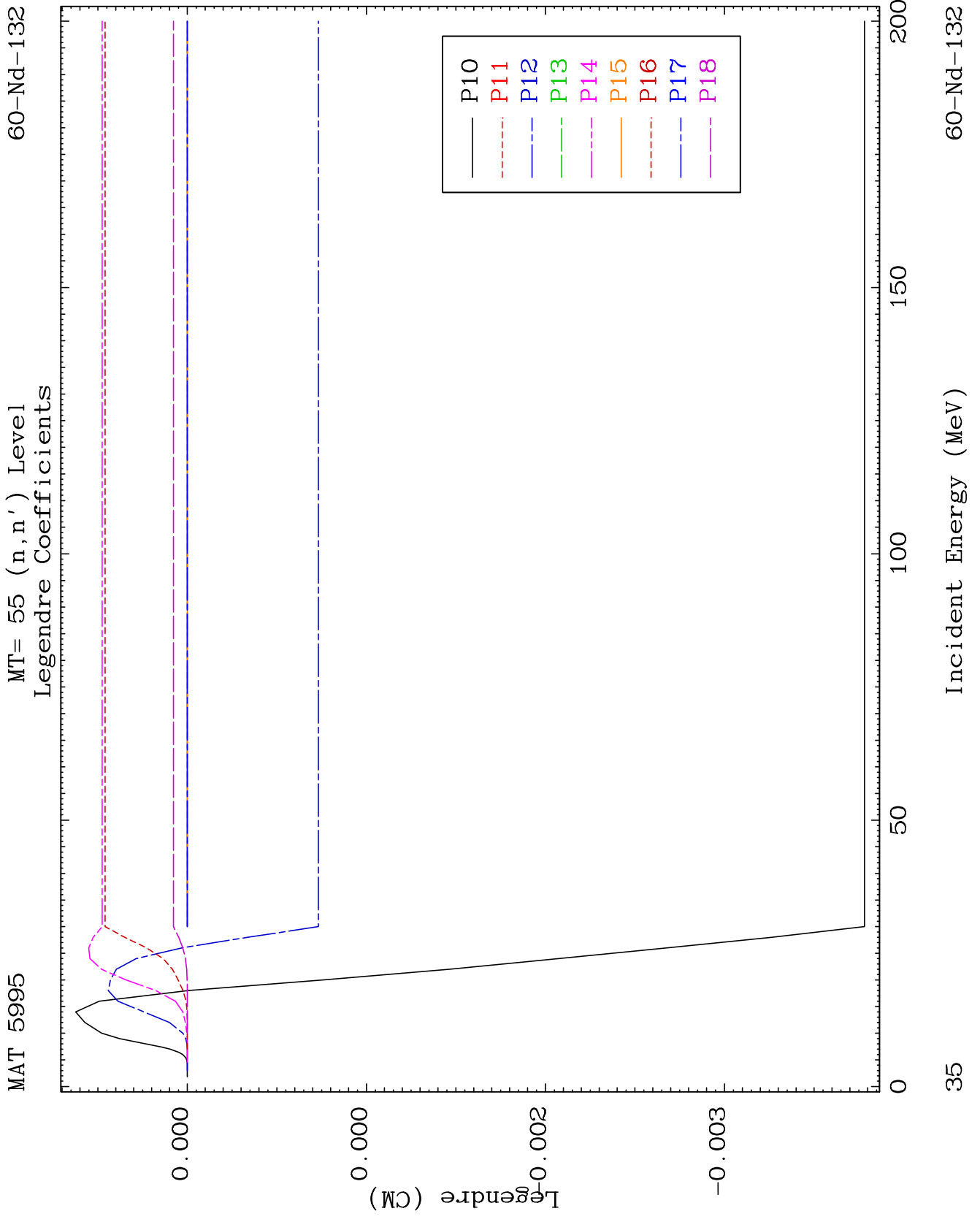
60-Nd-132

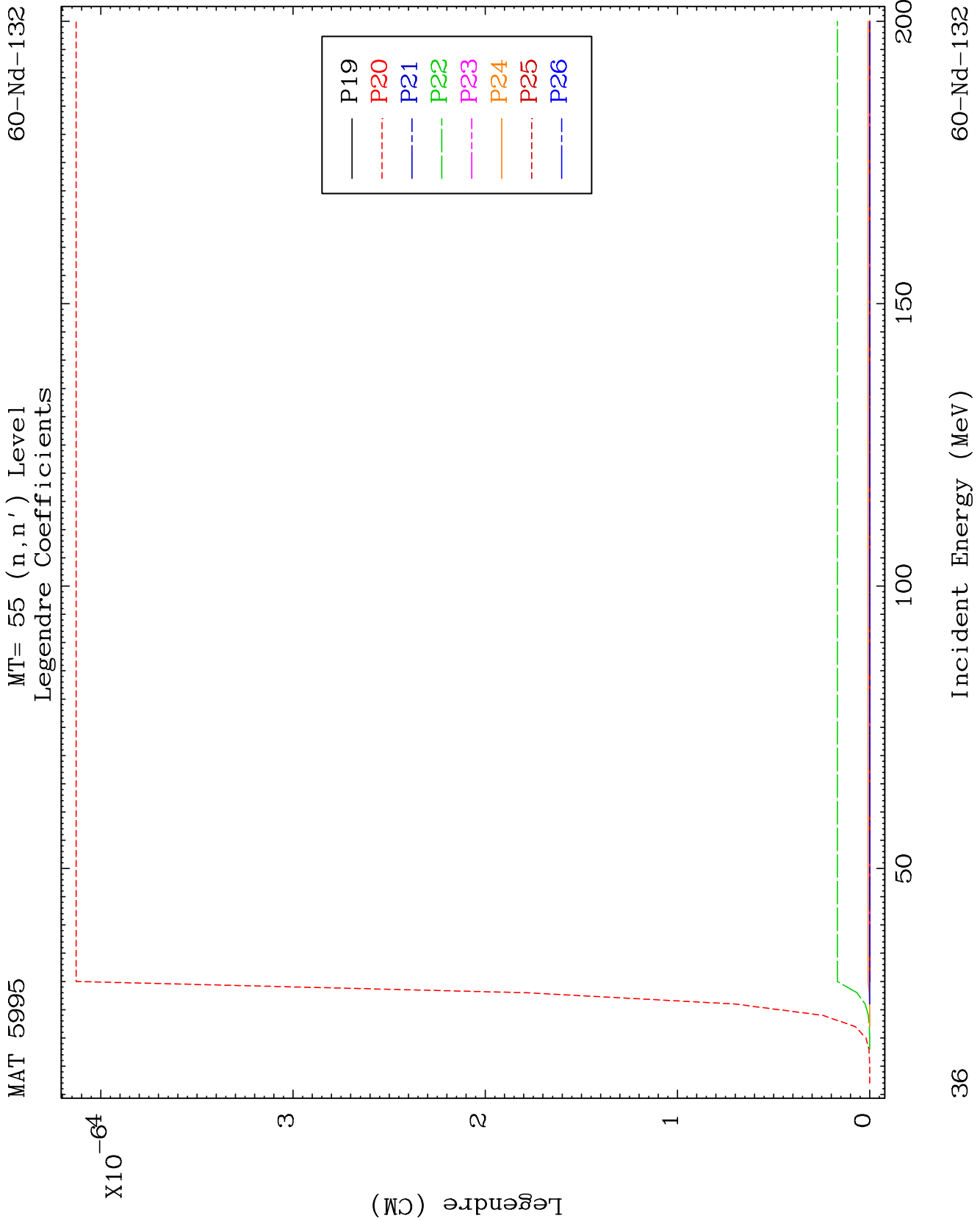
MAT 5995

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

60-Nd-132



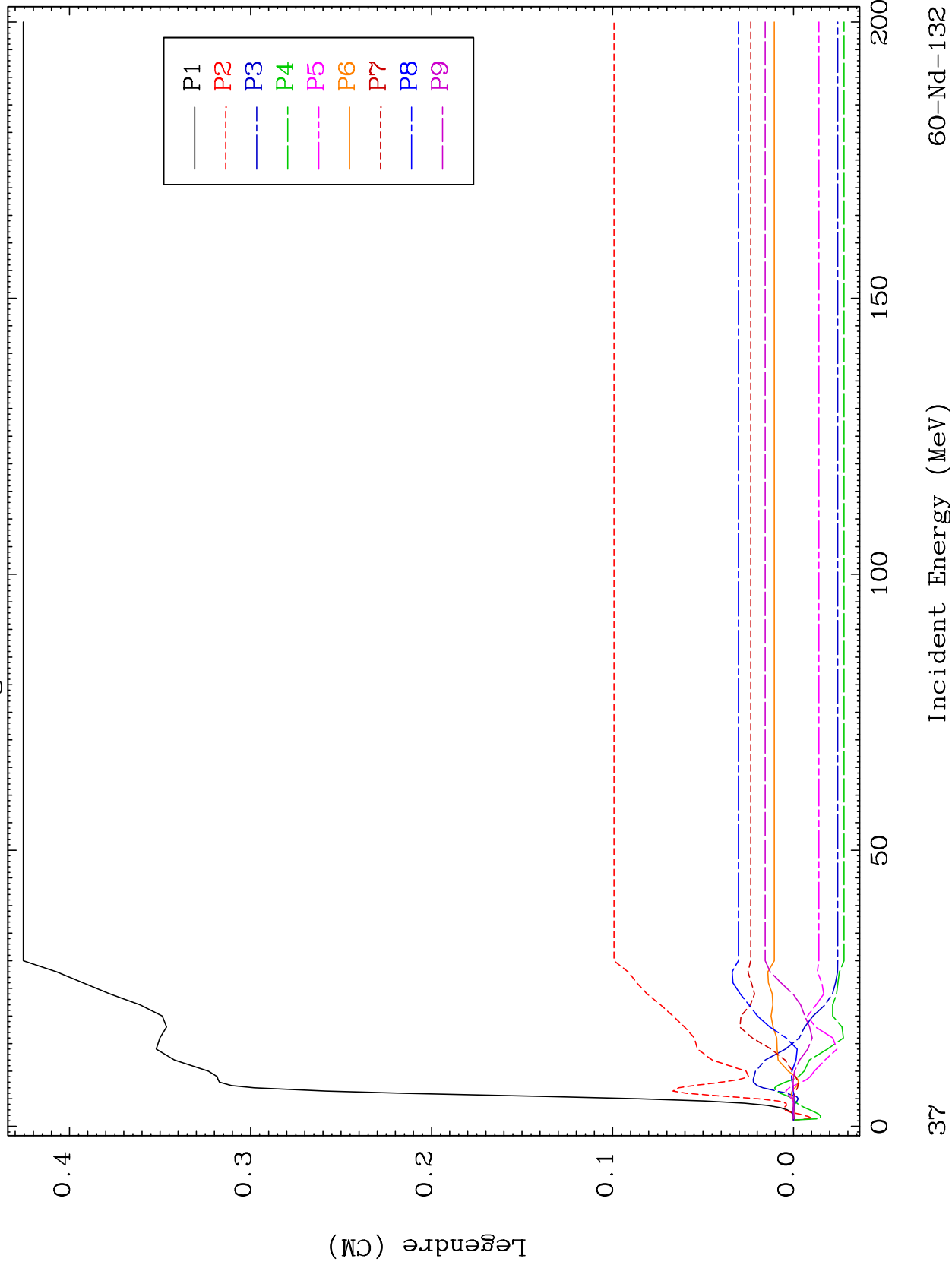




MAT 5995

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

60-Nd-132



60-Nd-132

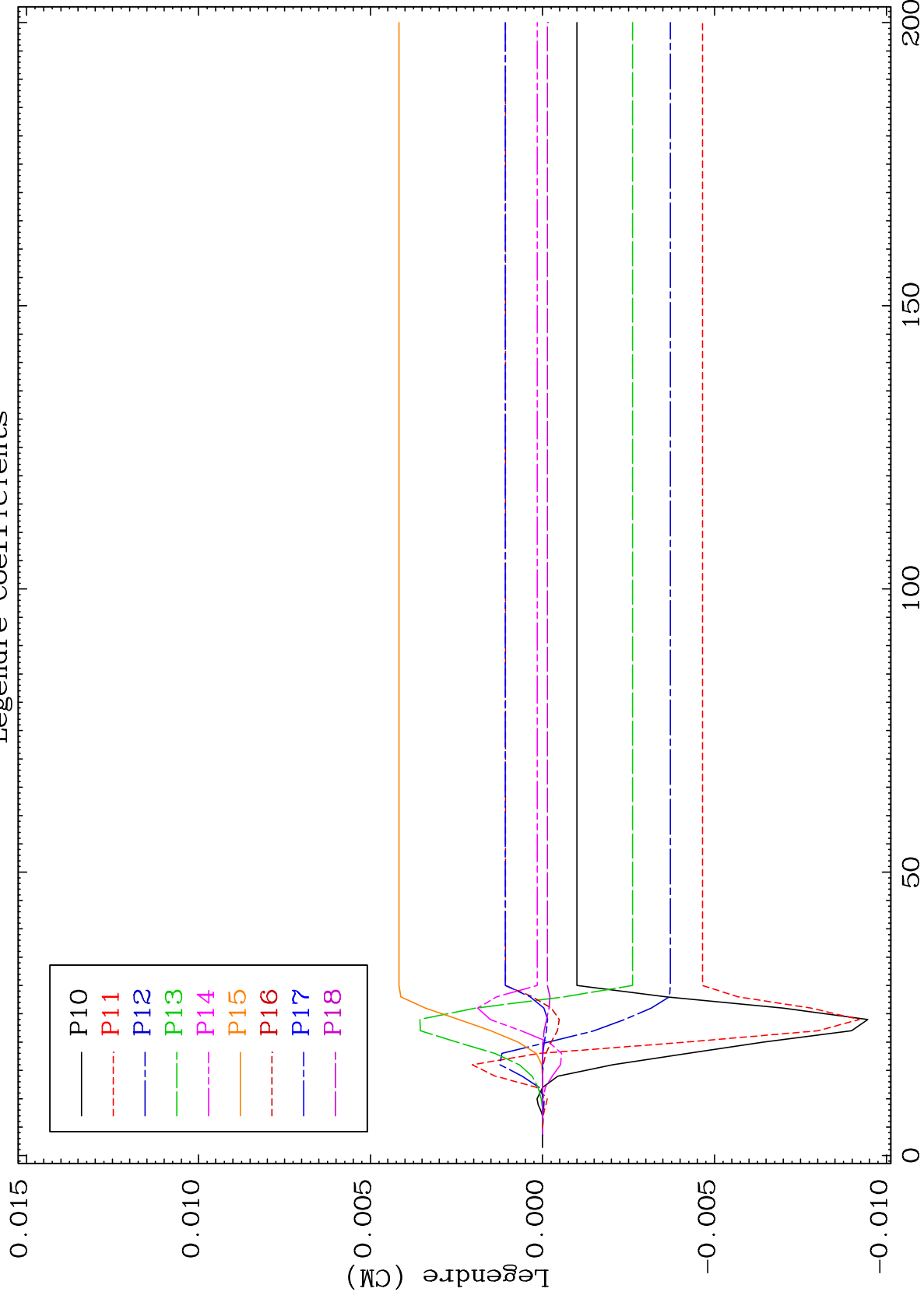
Incident Energy (MeV)

37

MAT 5995

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

60-Nd-132



38

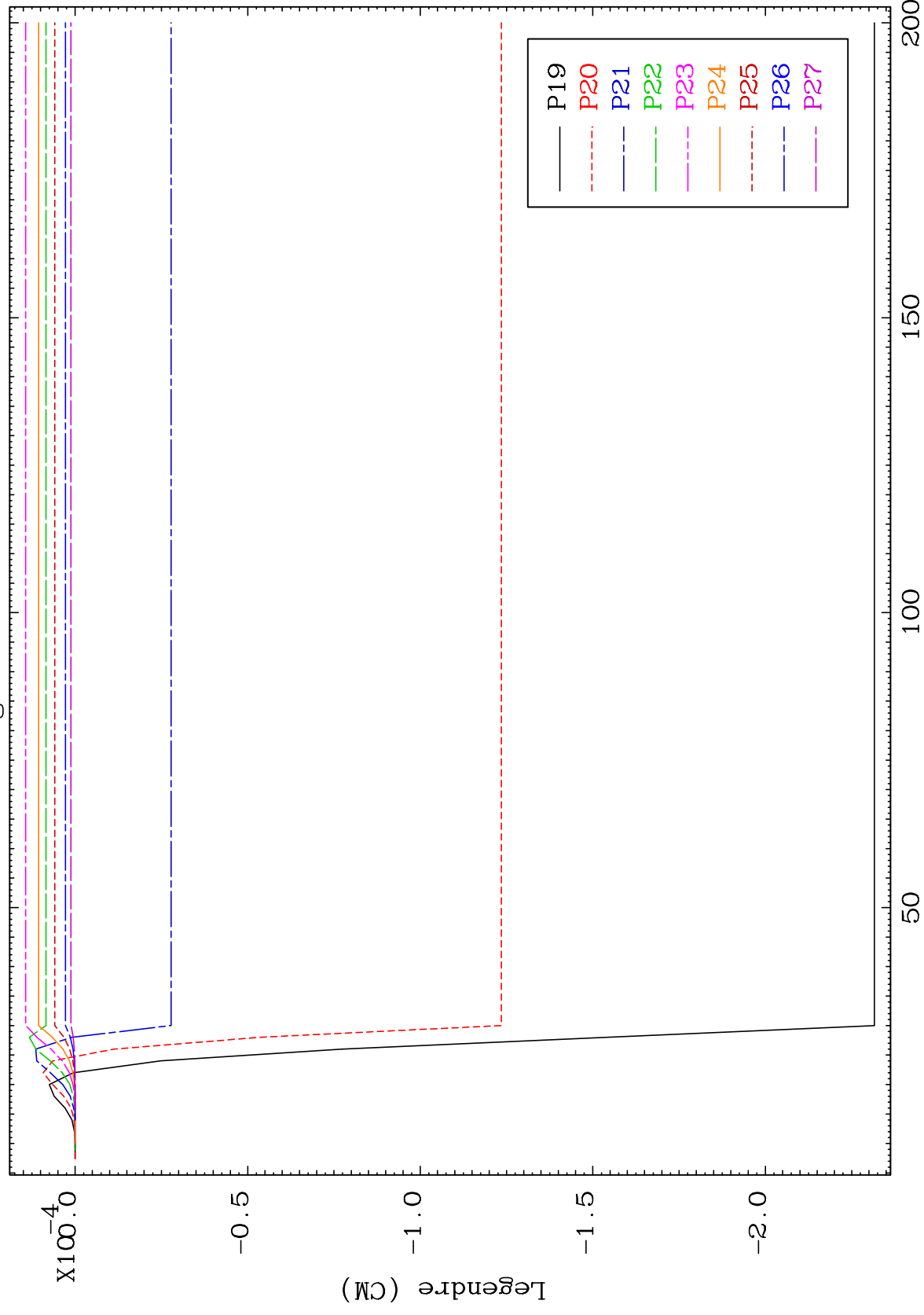
Incident Energy (MeV)

60-Nd-132

MAT 5995

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

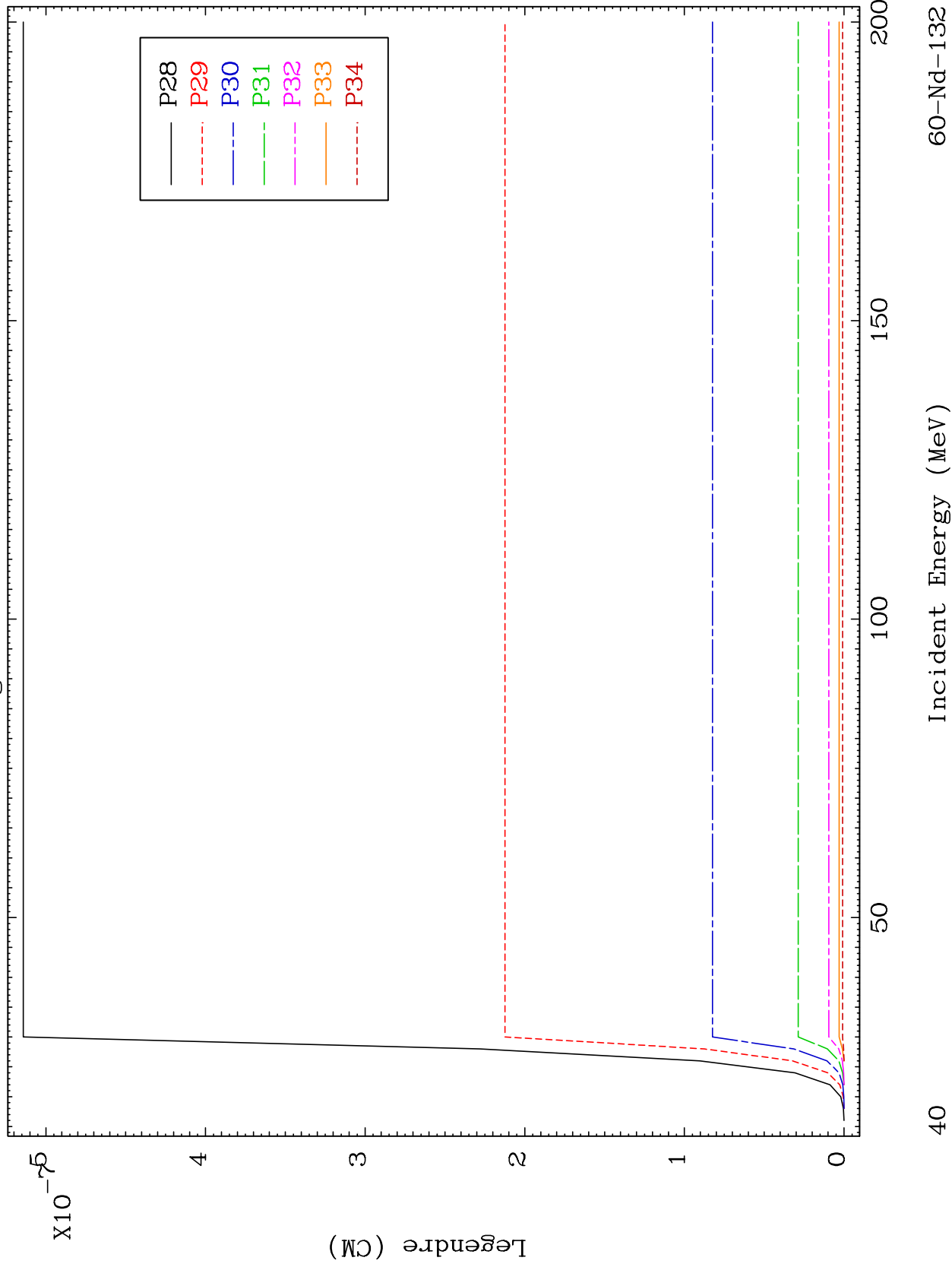
60-Nd-132



MAT 5995

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

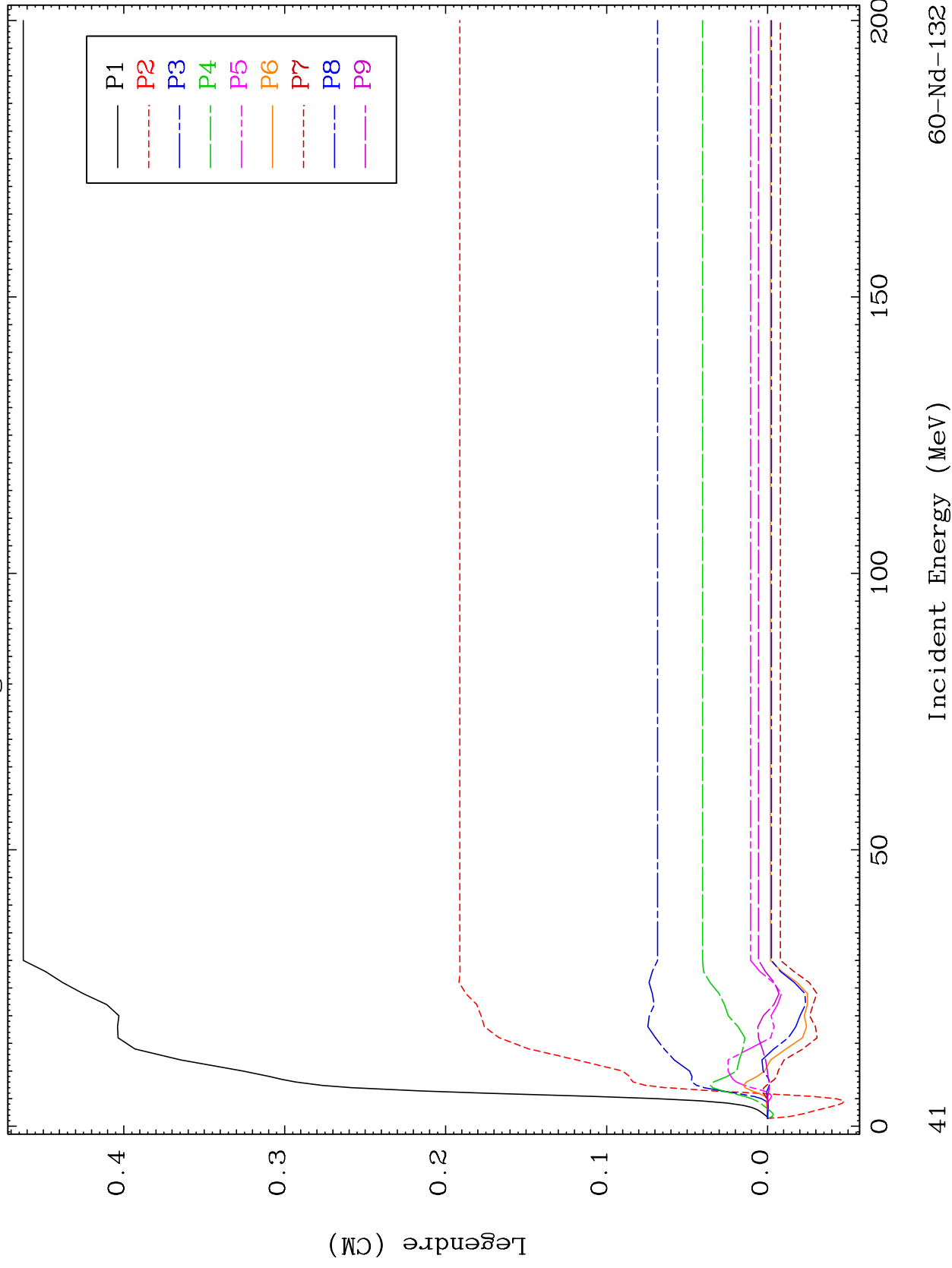
60-Nd-132



MAT 5995

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

60-Nd-132



60-Nd-132

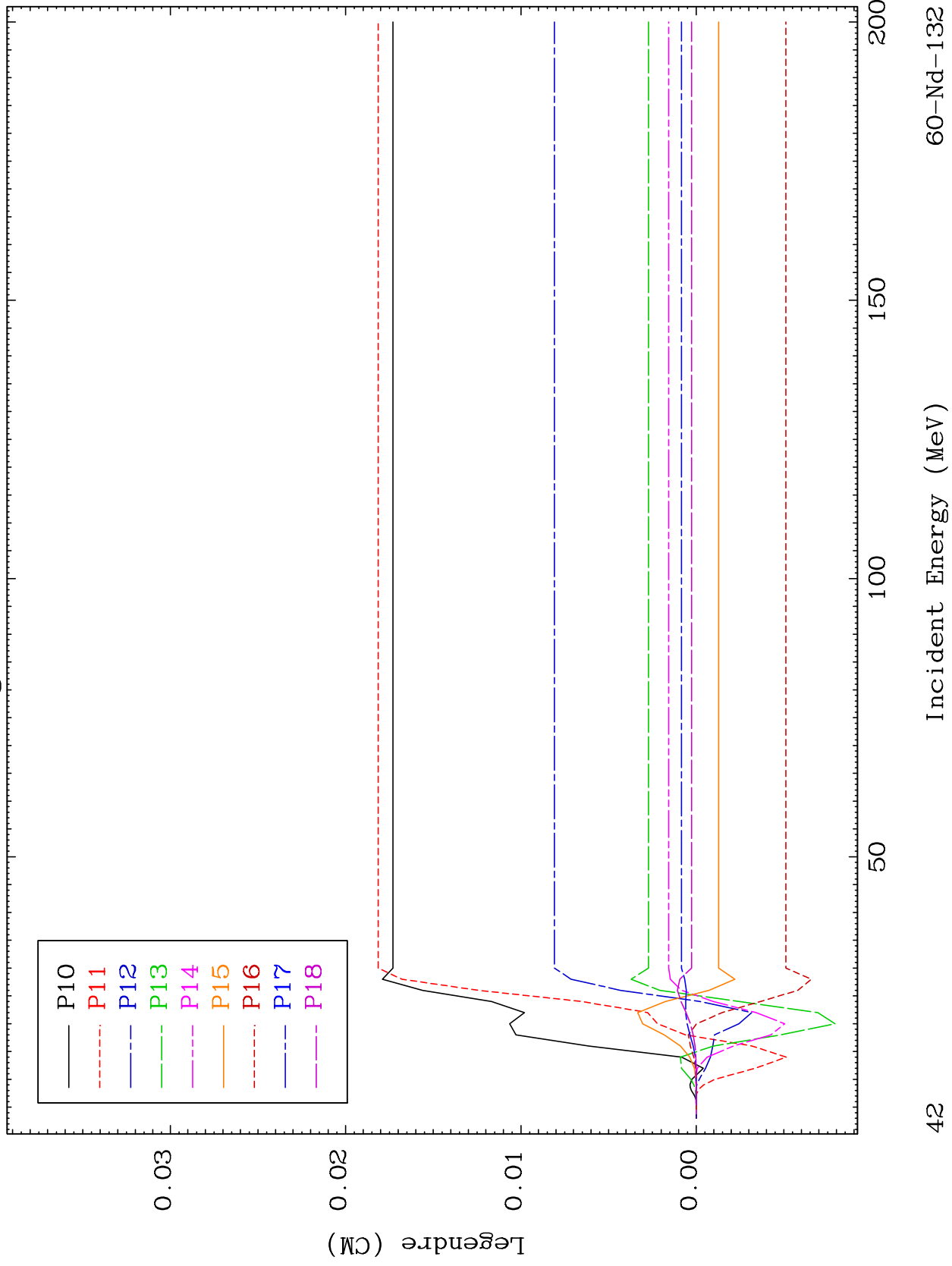
Incident Energy (MeV)

41

MAT 5995

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

60-Nd-132



42

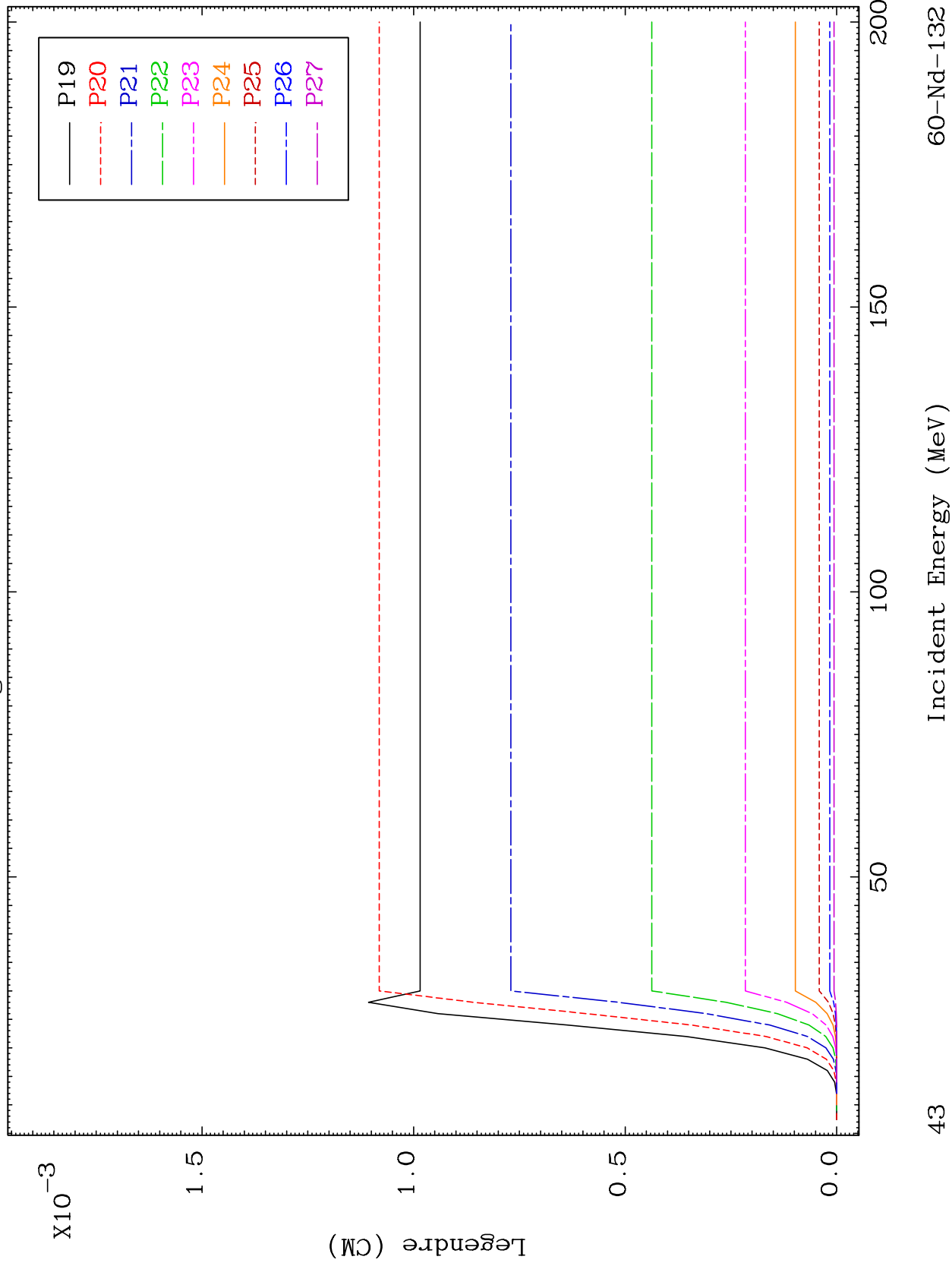
Incident Energy (MeV)

60-Nd-132

MAT 5995

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

60-Nd-132



43

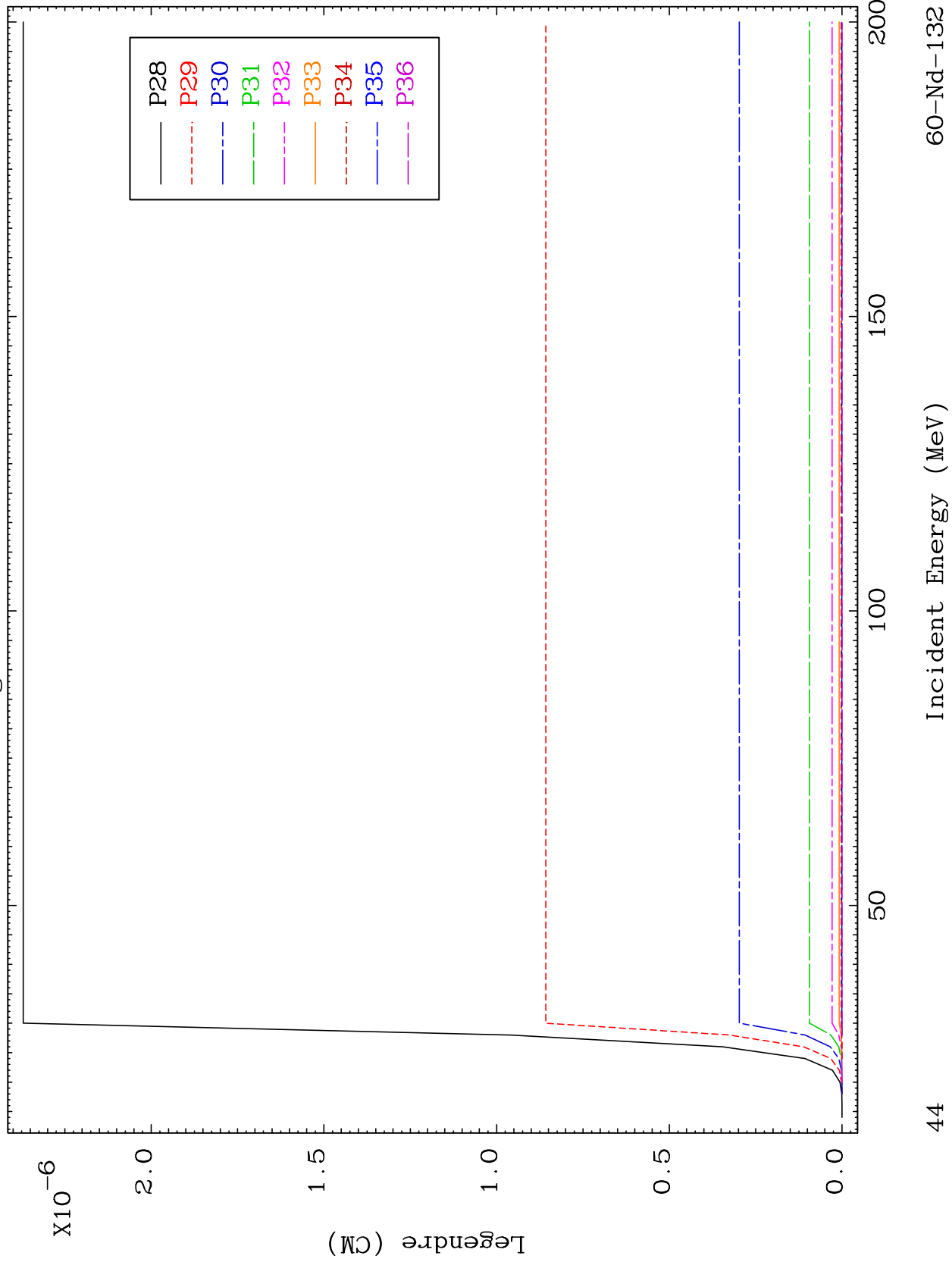
Incident Energy (MeV)

60-Nd-132

MAT 5995

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

60-Nd-132



44

Incident Energy (MeV)

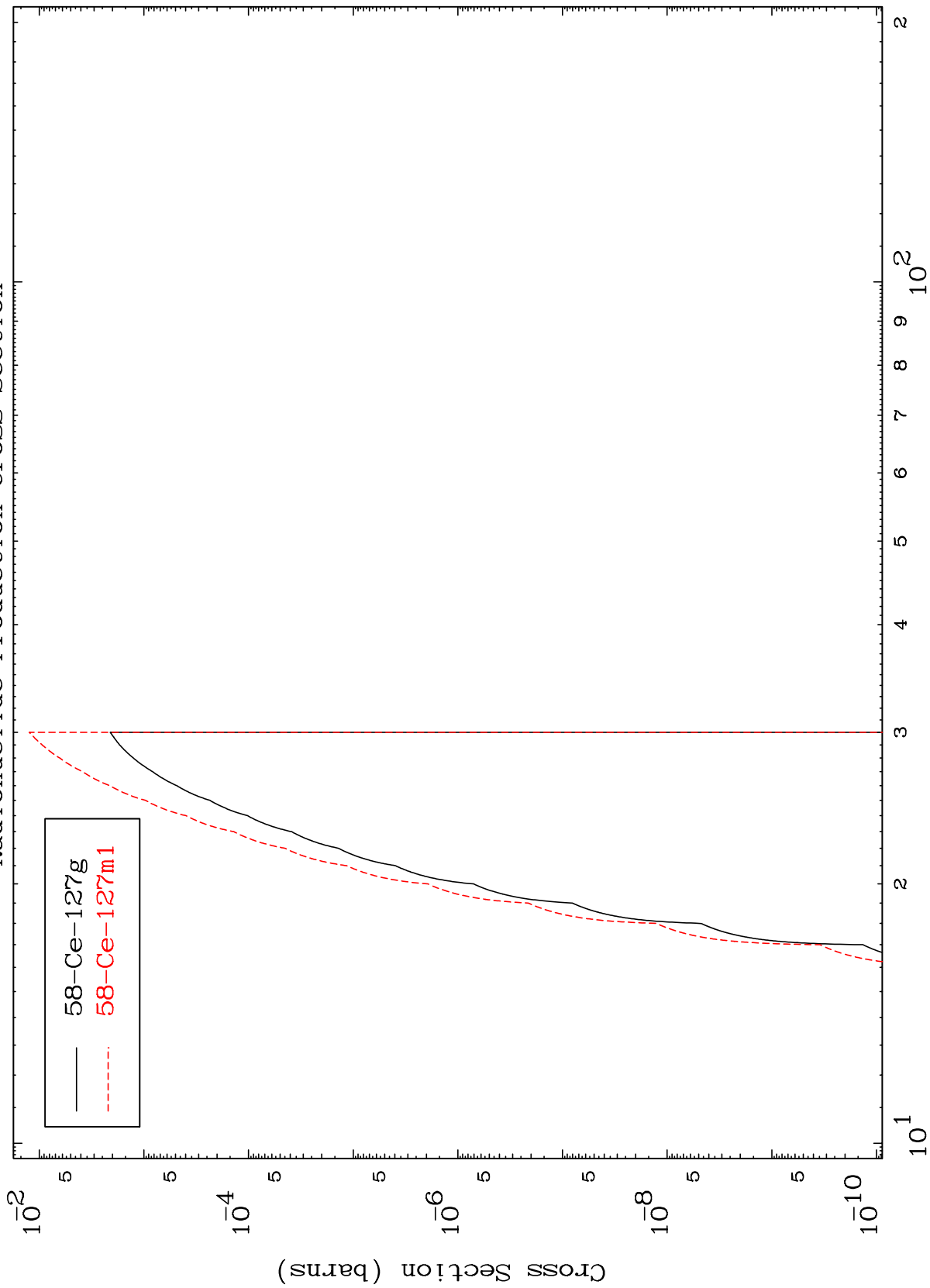
60-Nd-132

MAT 5995

(n,2n) α

60-Nd-132

Radionuclide Production Cross Section



Incident Energy (MeV)

60-Nd-132

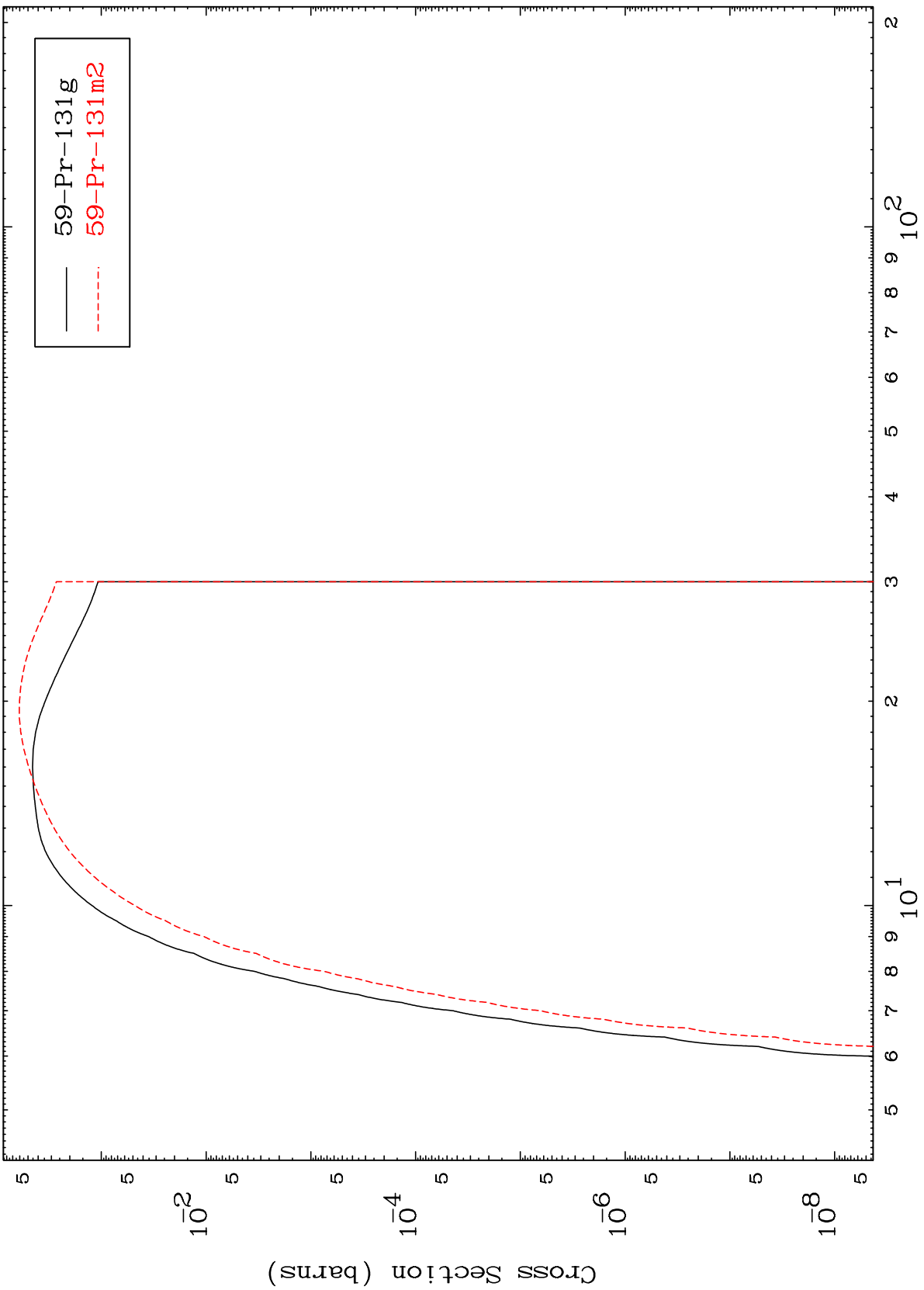
45

MAT 5995

(n,n') p

60-Nd-132

Radionuclide Production Cross Section



46

Incident Energy (MeV)

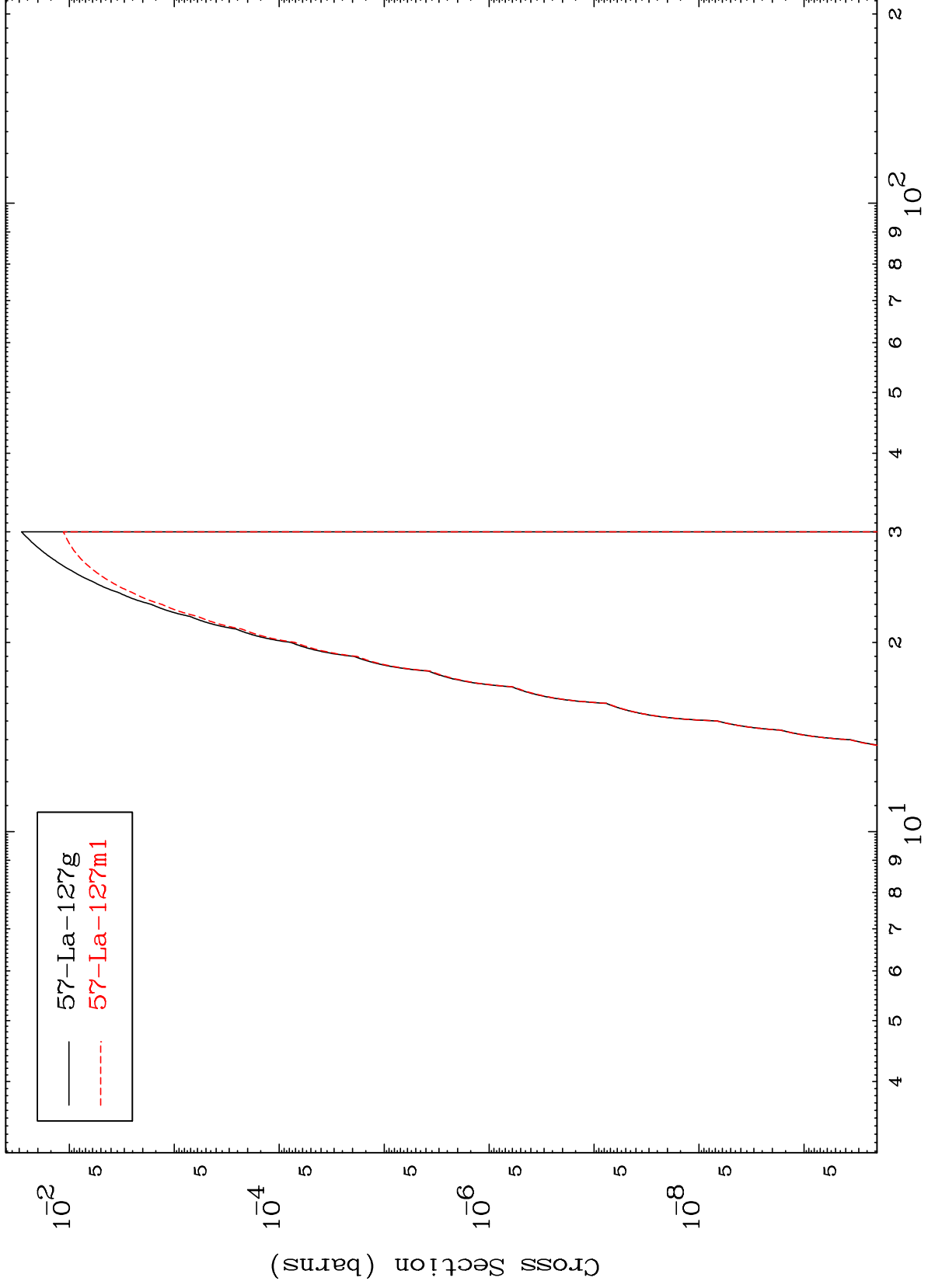
60-Nd-132

MAT 5995

(n,n') p α

60-Nd-132

Radionuclide Production Cross Section



47

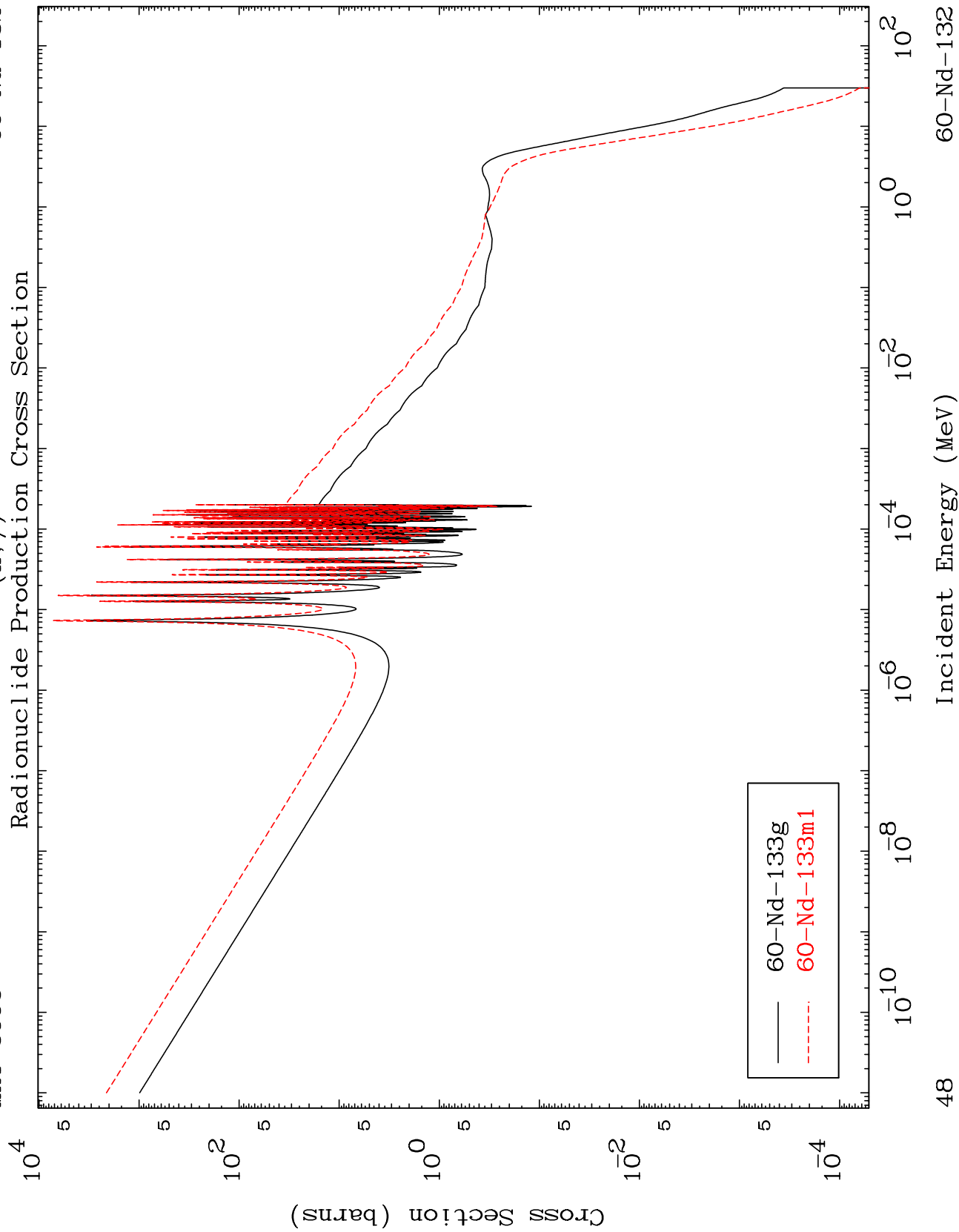
Incident Energy (MeV)

60-Nd-132

MAT 5995

60-Nd-132

(n, γ)
Radionuclide Production Cross Section



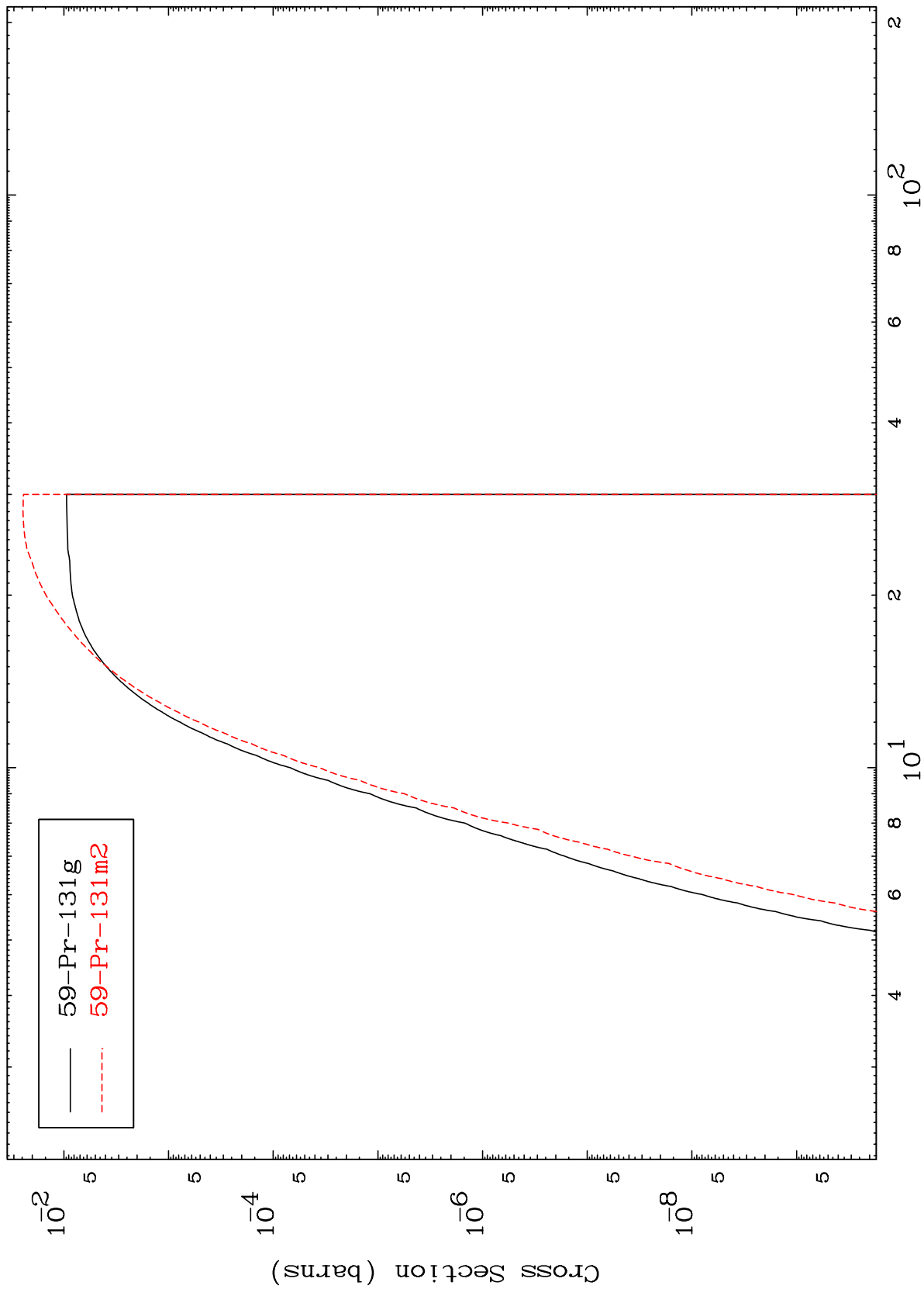
— 60-Nd-133g
- - - 60-Nd-133m1

MAT 5995

(n,d)

60-Nd-132

Radionuclide Production Cross Section



49

Incident Energy (MeV)

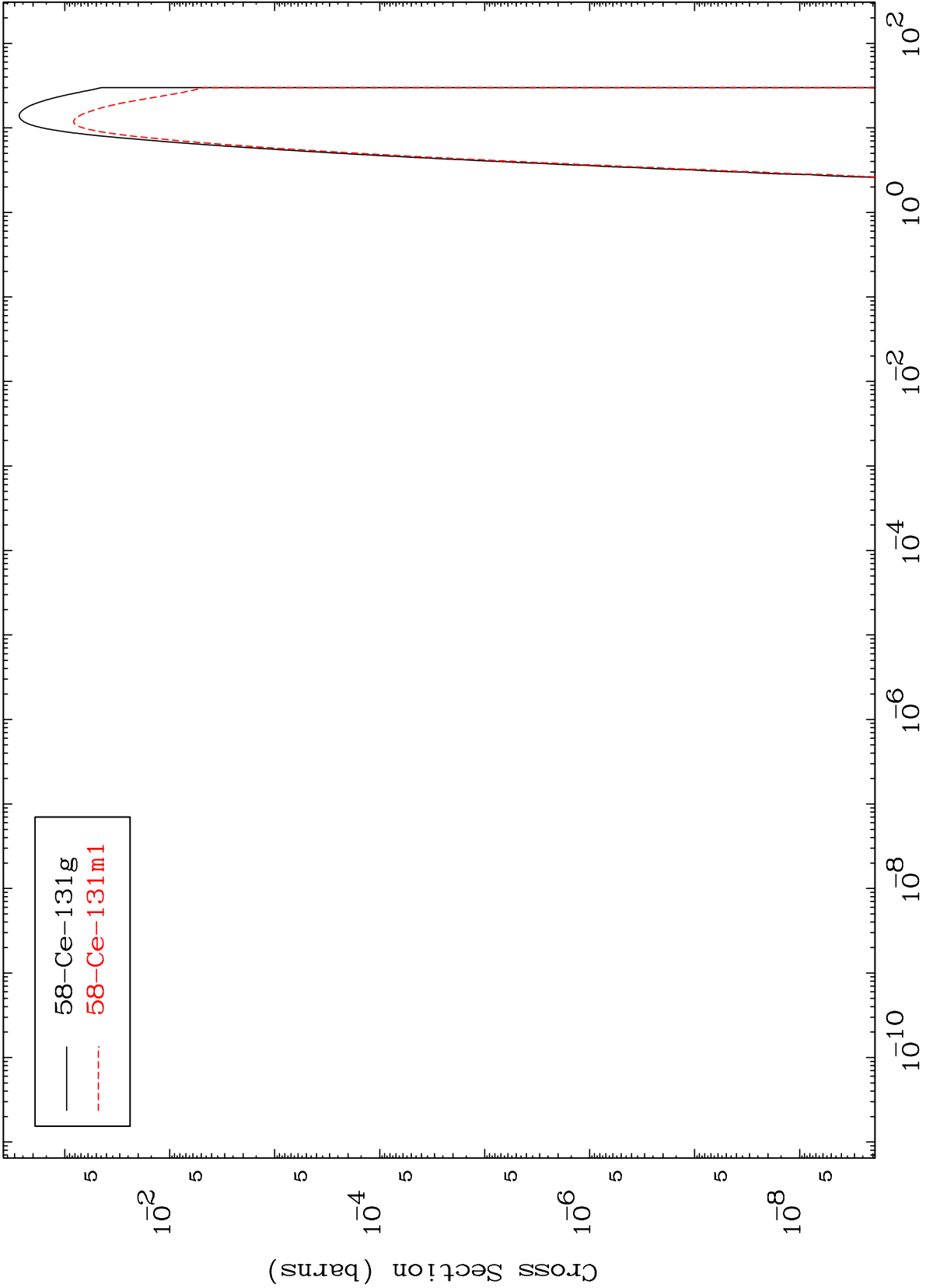
60-Nd-132

MAT 5995

(n,2p)

60-Nd-132

Radionuclide Production Cross Section



50

Incident Energy (MeV)

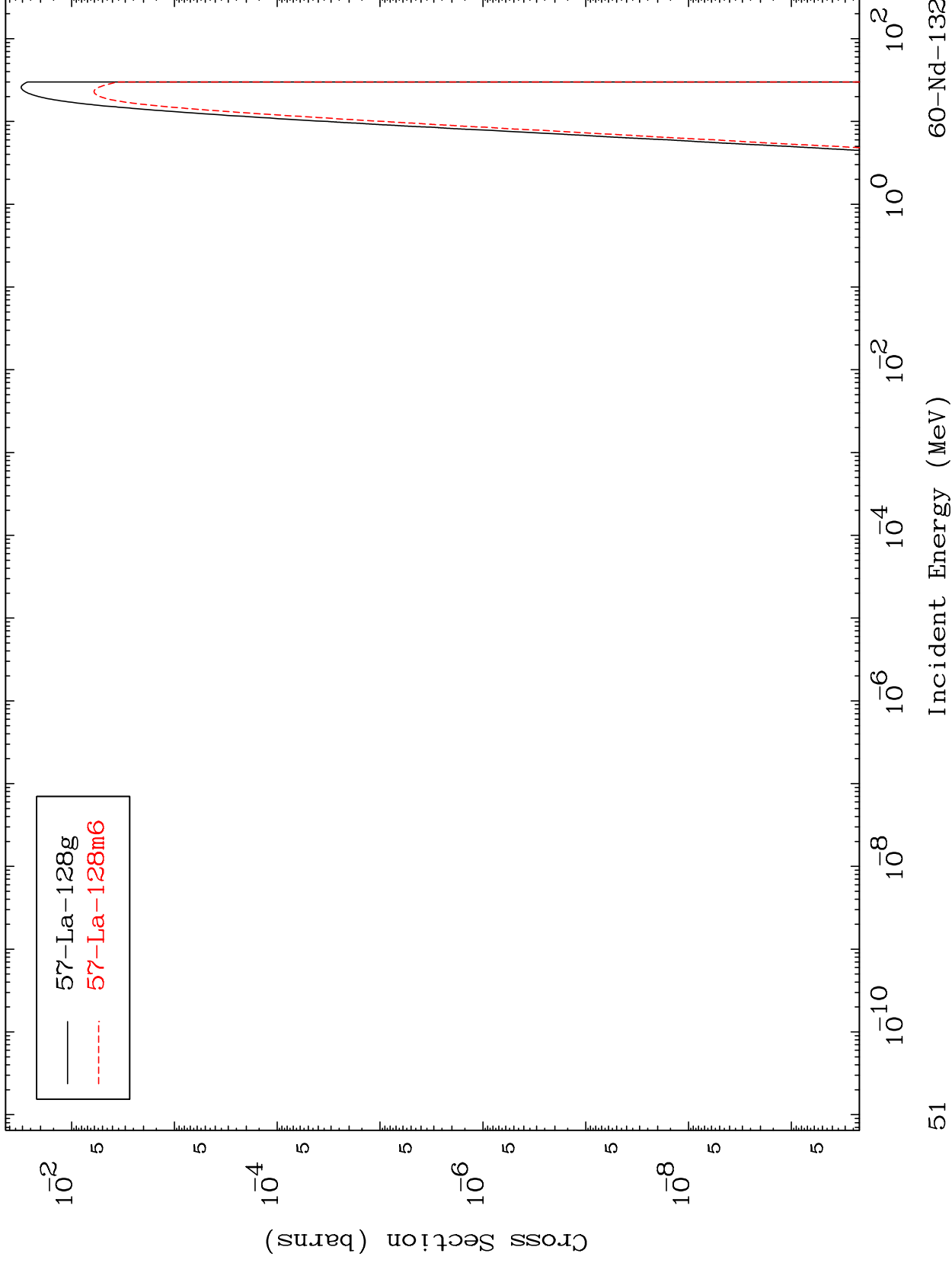
60-Nd-132

MAT 5995

(n,p) α

60-Nd-132

Radionuclide Production Cross Section

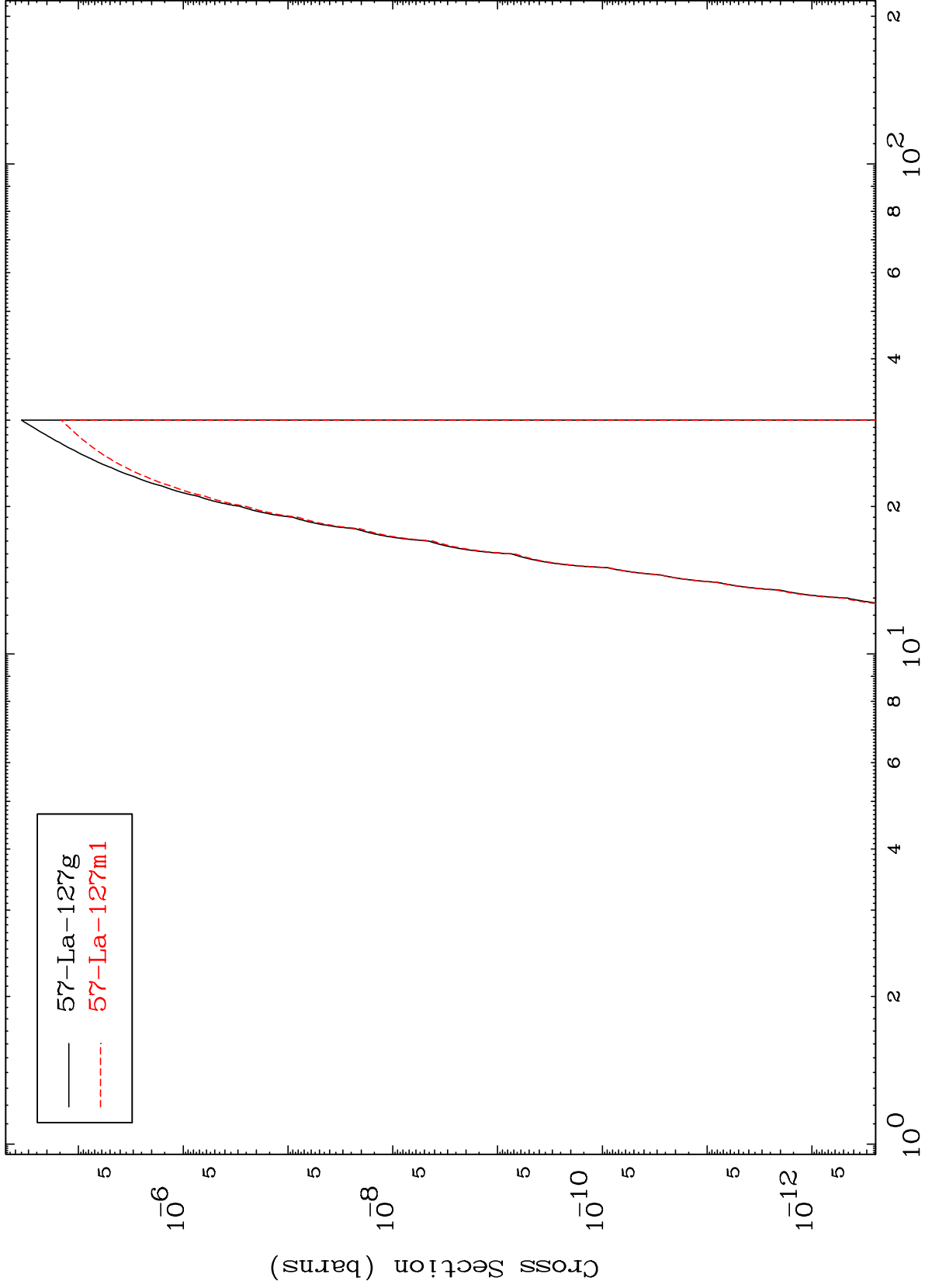


MAT 5995

(n,d) α

60-Nd-132

Radionuclide Production Cross Section



Incident Energy (MeV)

60-Nd-132

52