

Program EVALPLOT
(Version 2018-1)

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

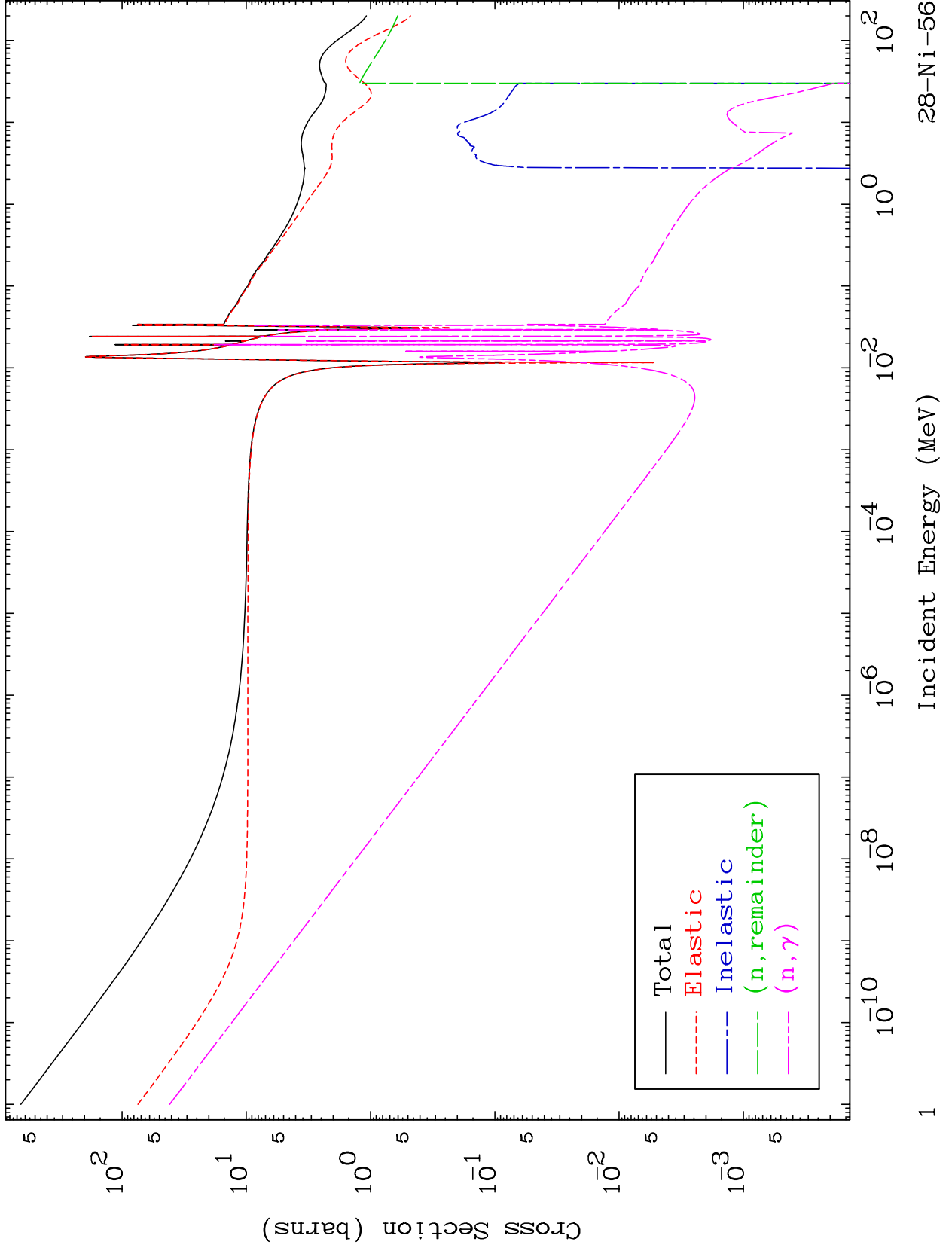
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2819

Major
293 Kelvin Cross Sections

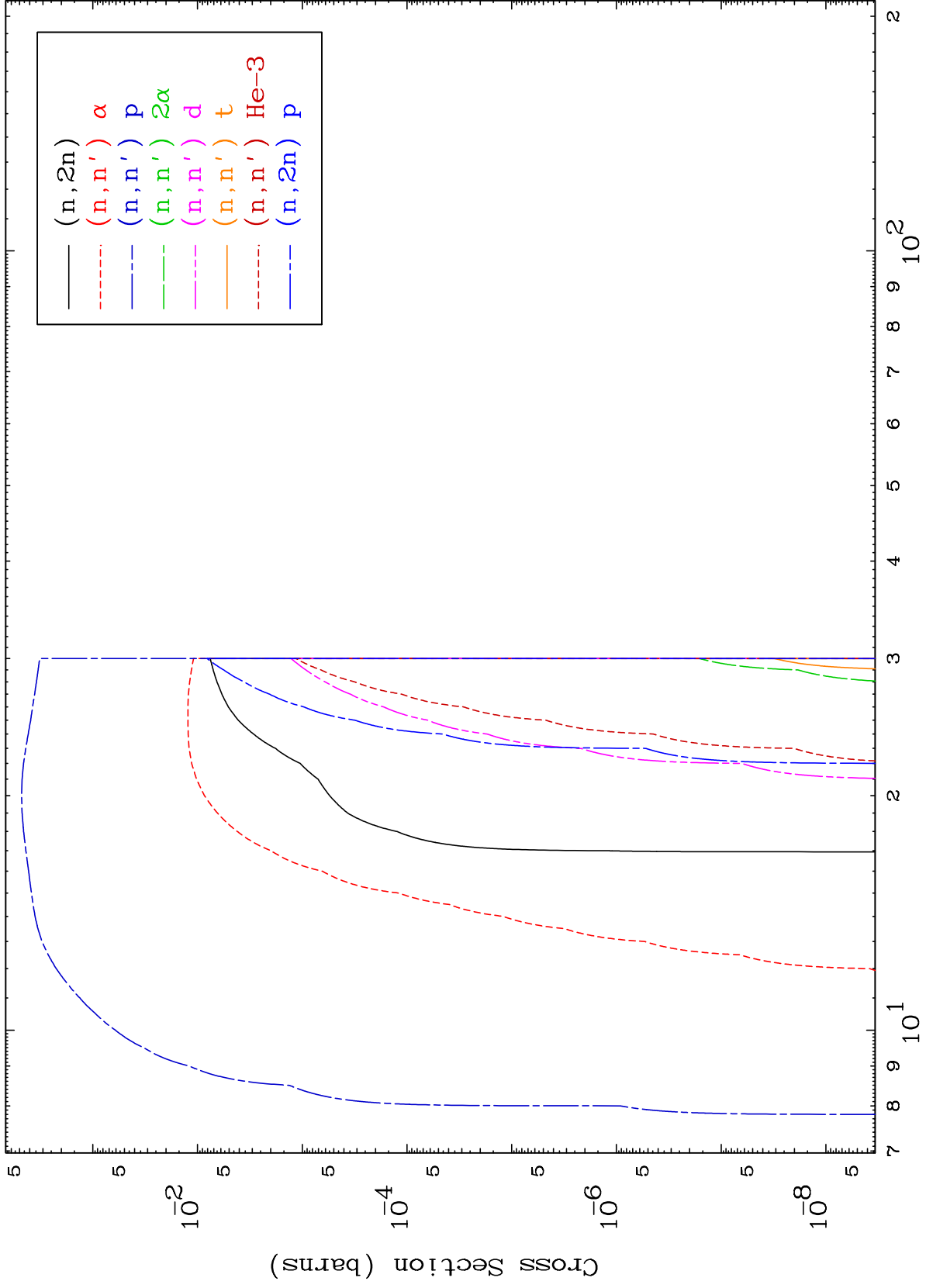
28-Ni-56



MAT 2819

Neutron Production
293 Kelvin Cross Sections

28-Ni-56



2

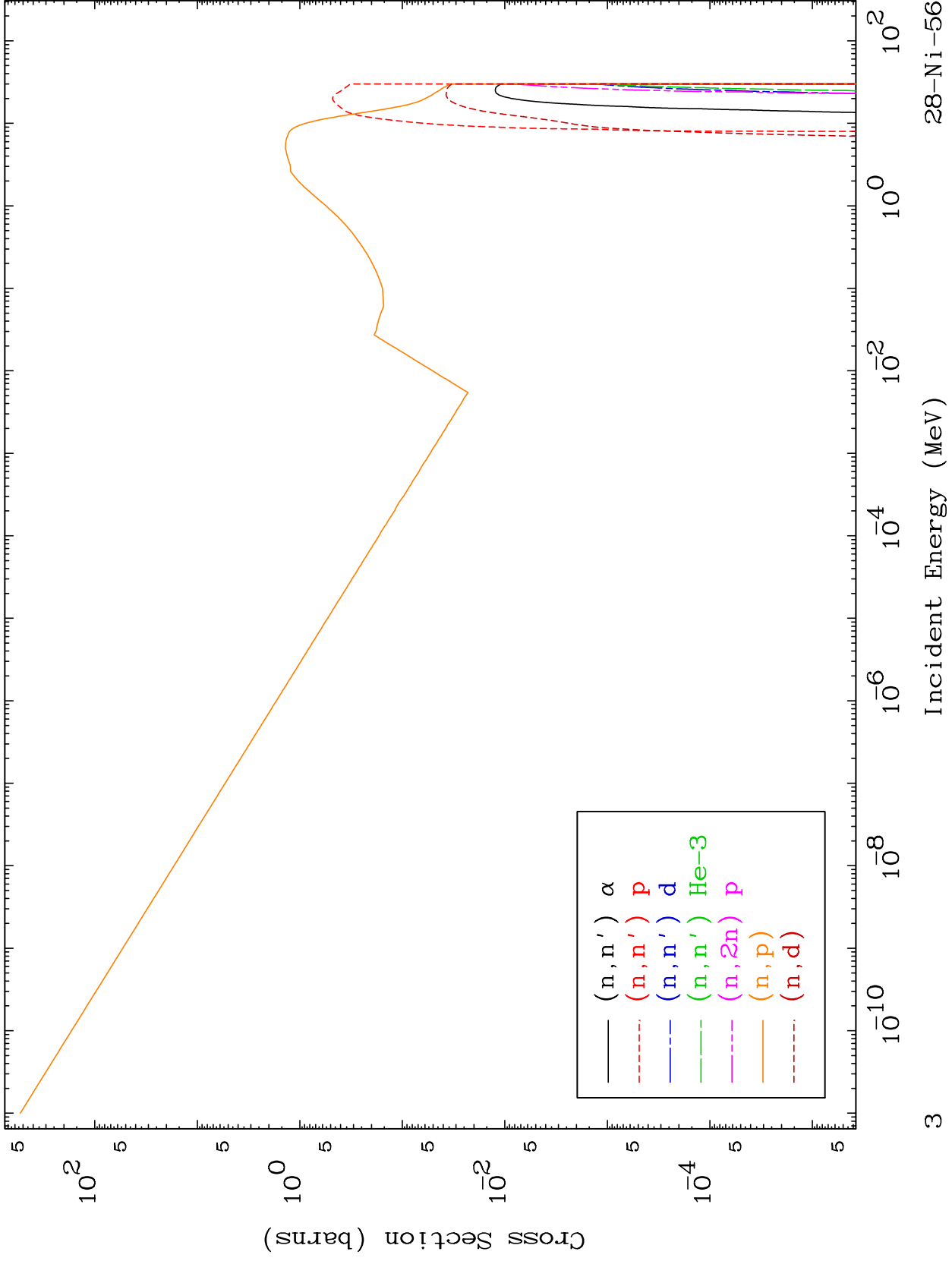
Incident Energy (MeV)

28-Ni-56

MAT 2819

Charged Particle
293 Kelvin Cross Sections

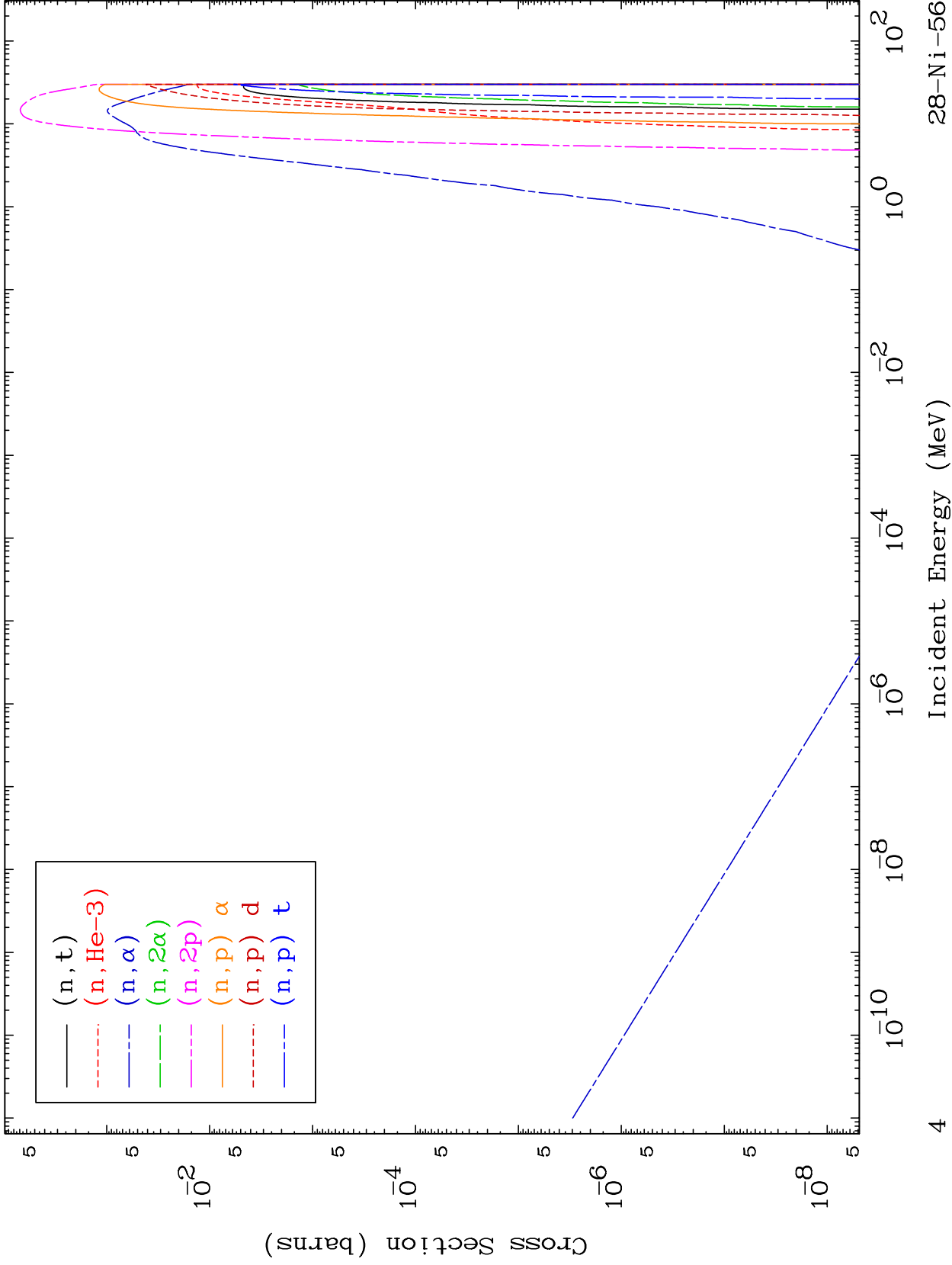
28-Ni-56



MAT 2819

Charged Particle
293 Kelvin Cross Sections

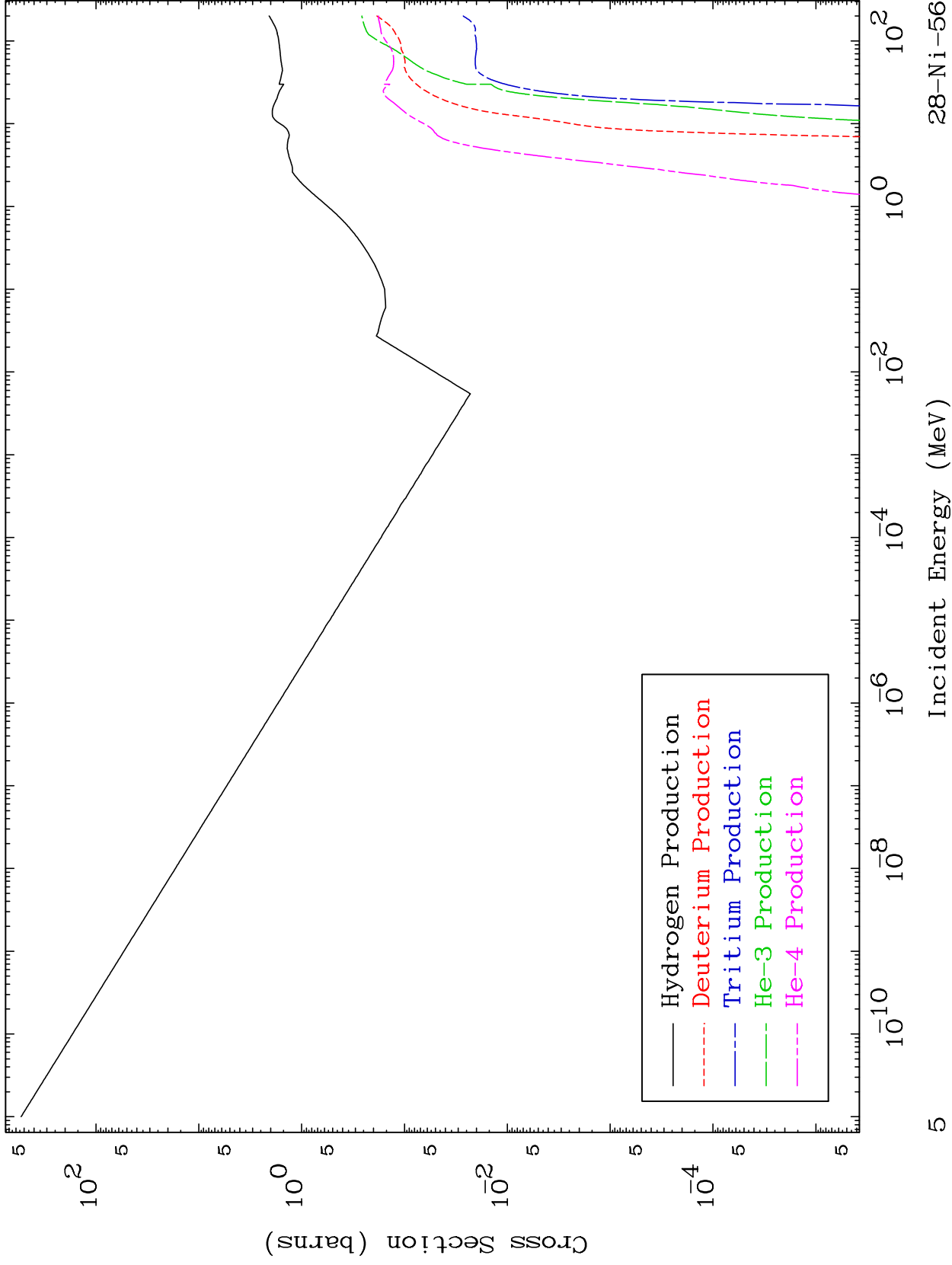
28-Ni-56



MAT 2819

Particle Production
293 Kelvin Cross Sections

28-Ni-56

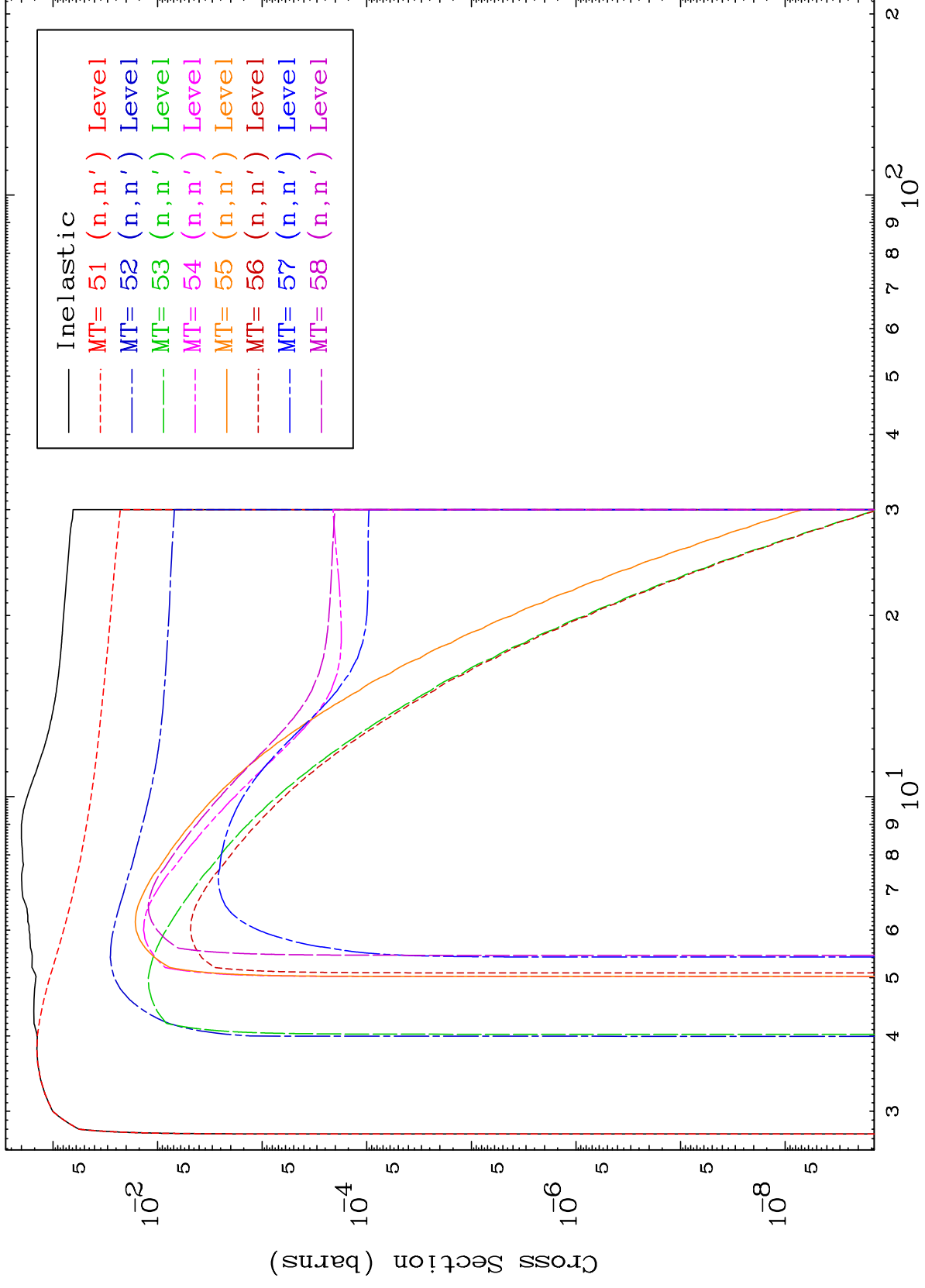


MAT 2819

(n,n') Level

28-Ni-56

293 Kelvin Cross Sections



6

Incident Energy (MeV)

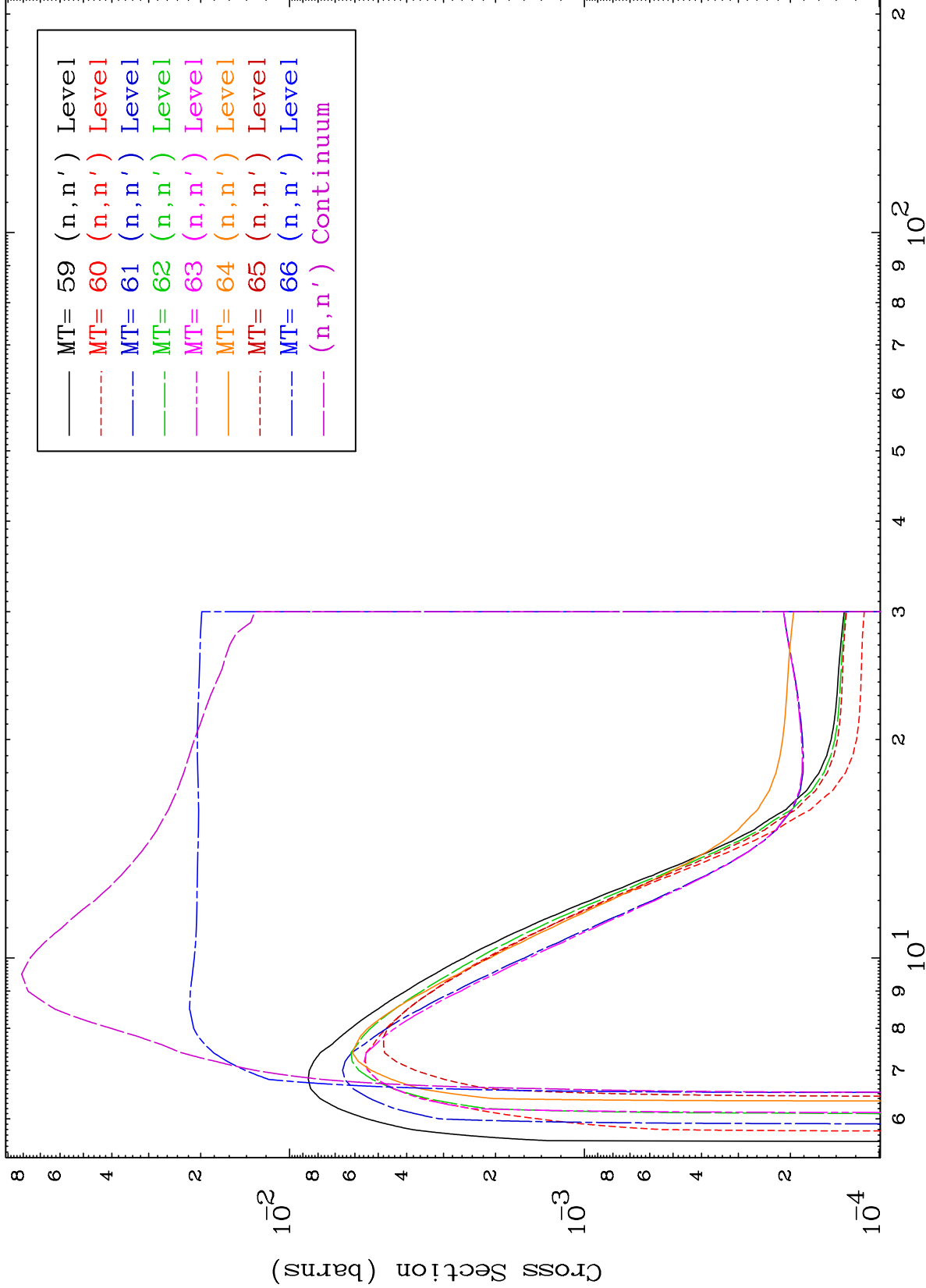
28-Ni-56

MAT 2819

(n,n') Level

28-Ni-56

293 Kelvin Cross Sections



7

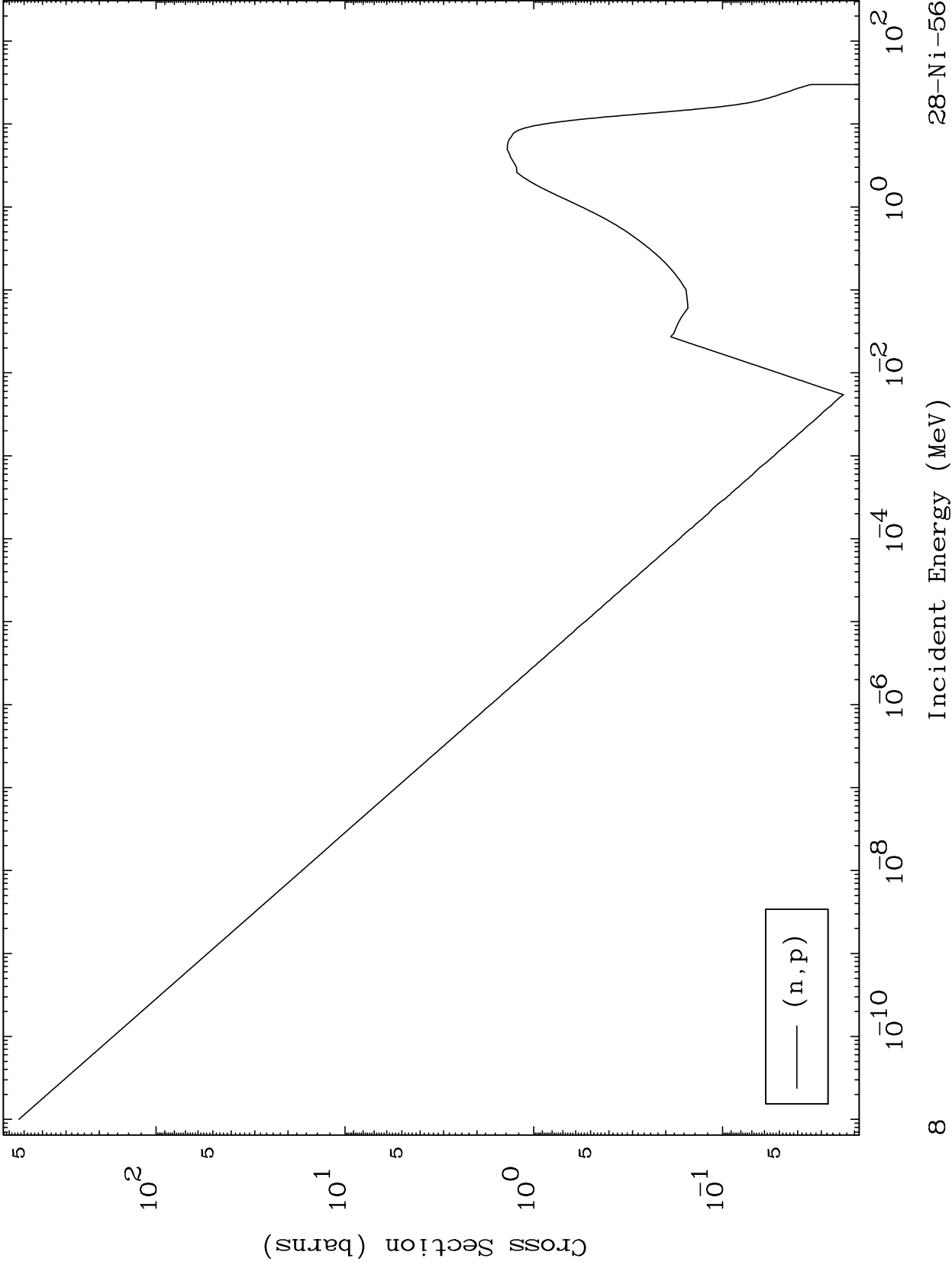
Incident Energy (MeV)

28-Ni-56

MAT 2819

(n,p) Levels
293 Kelvin Cross Sections

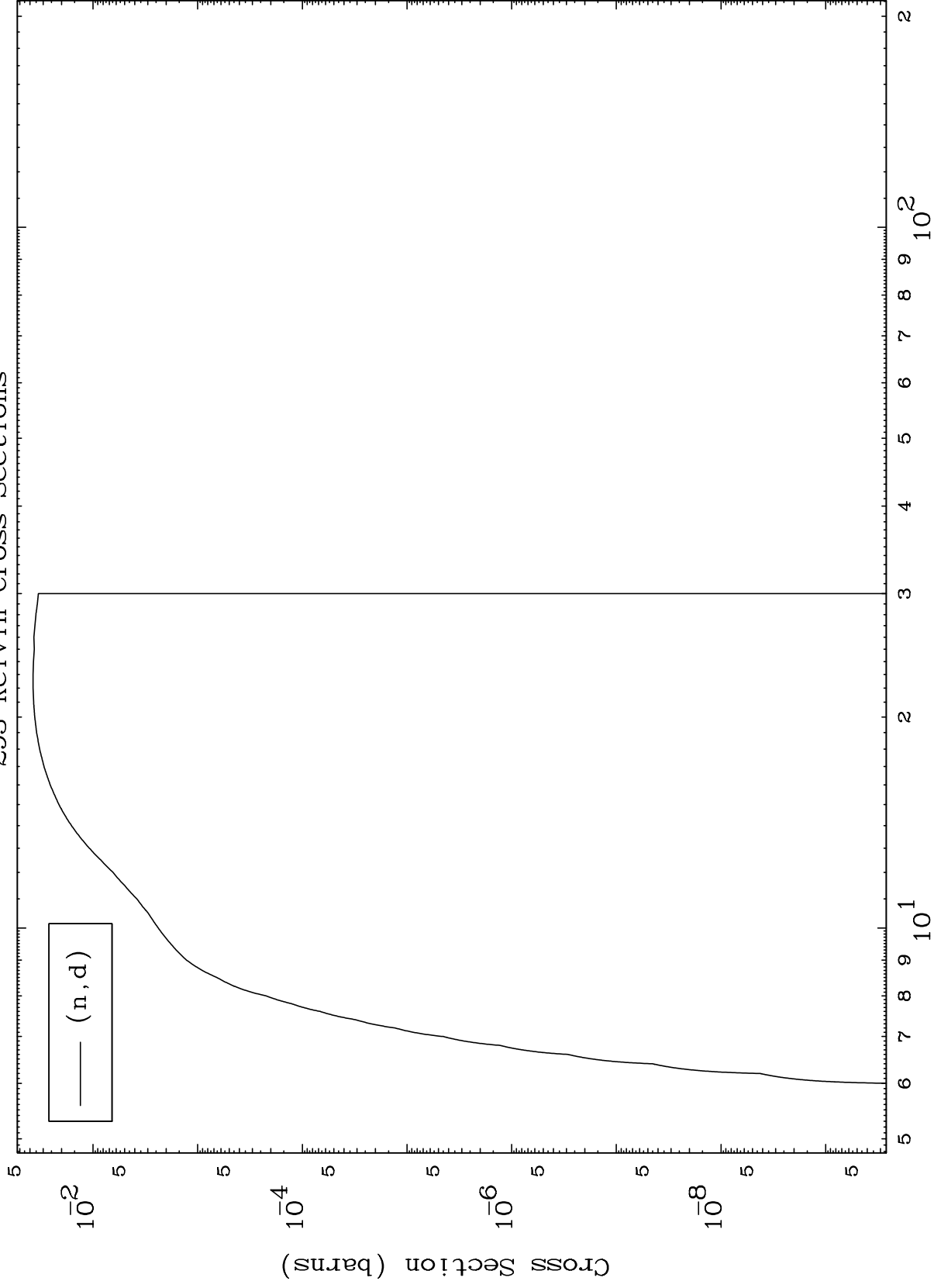
28-Ni-56



MAT 2819

(n,d) Levels
293 Kelvin Cross Sections

28-Ni-56



9

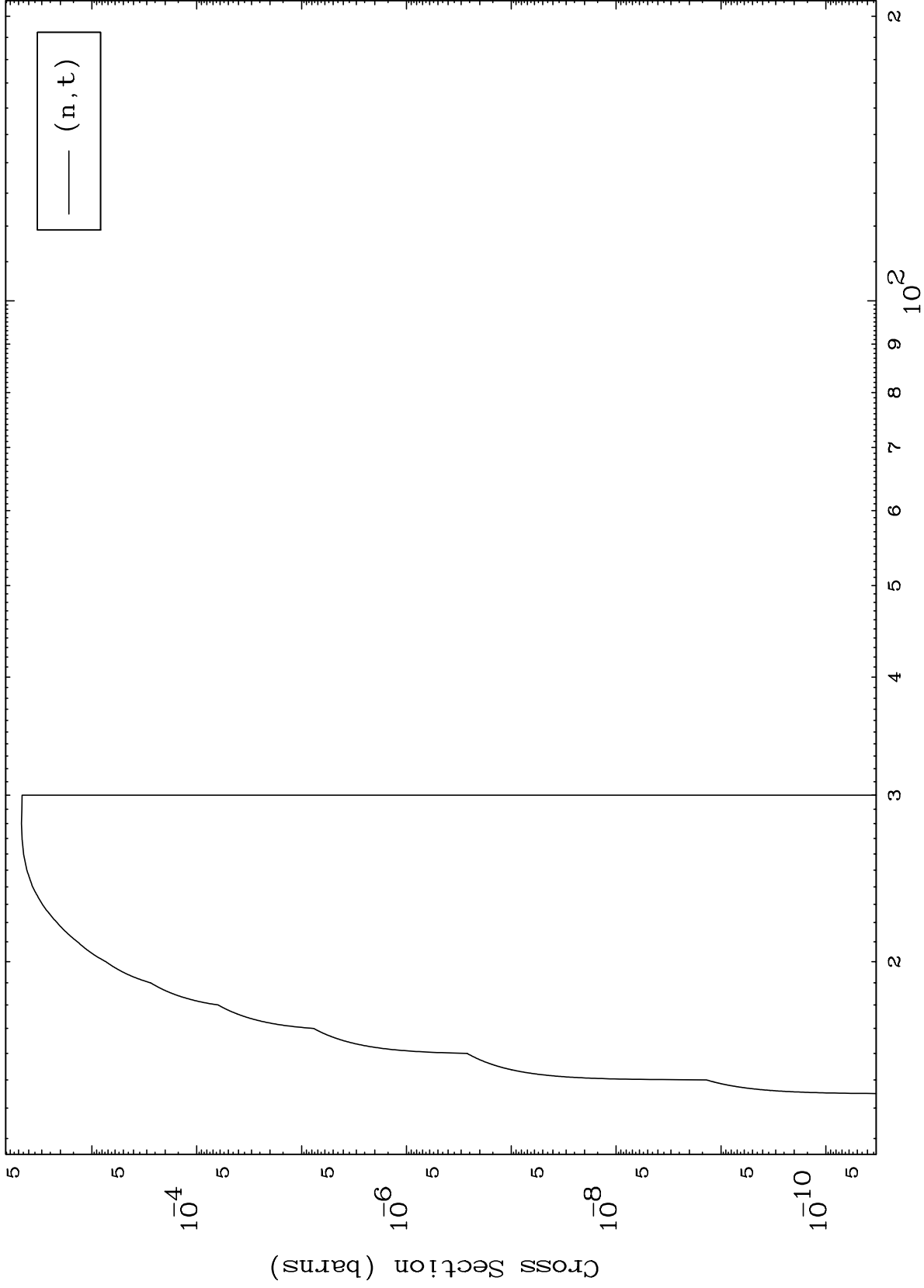
Incident Energy (MeV)

28-Ni-56

MAT 2819

(n,t) Levels
293 Kelvin Cross Sections

28-Ni-56



10

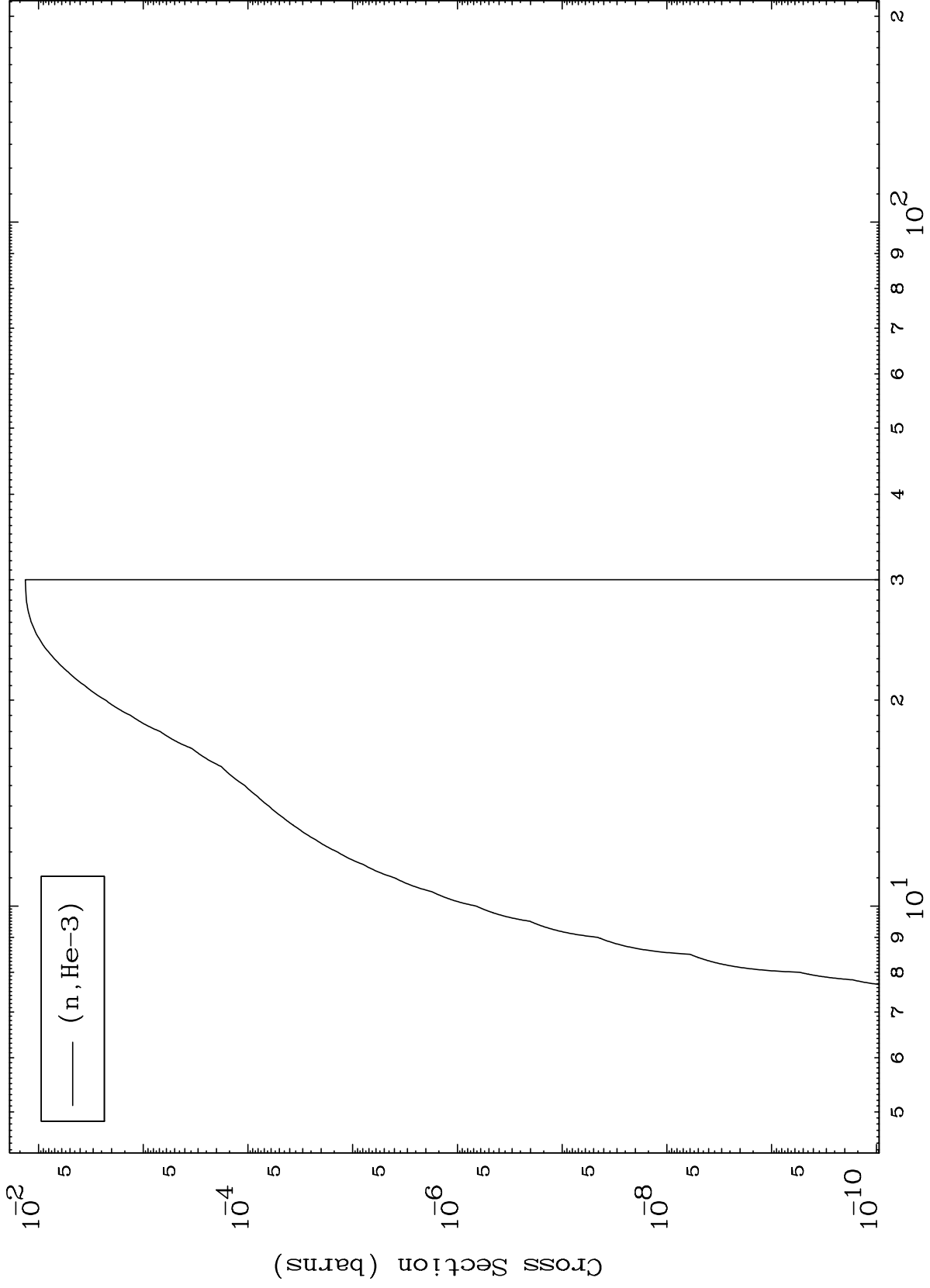
Incident Energy (MeV)

28-Ni-56

MAT 2819

(n,He3) Levels
293 Kelvin Cross Sections

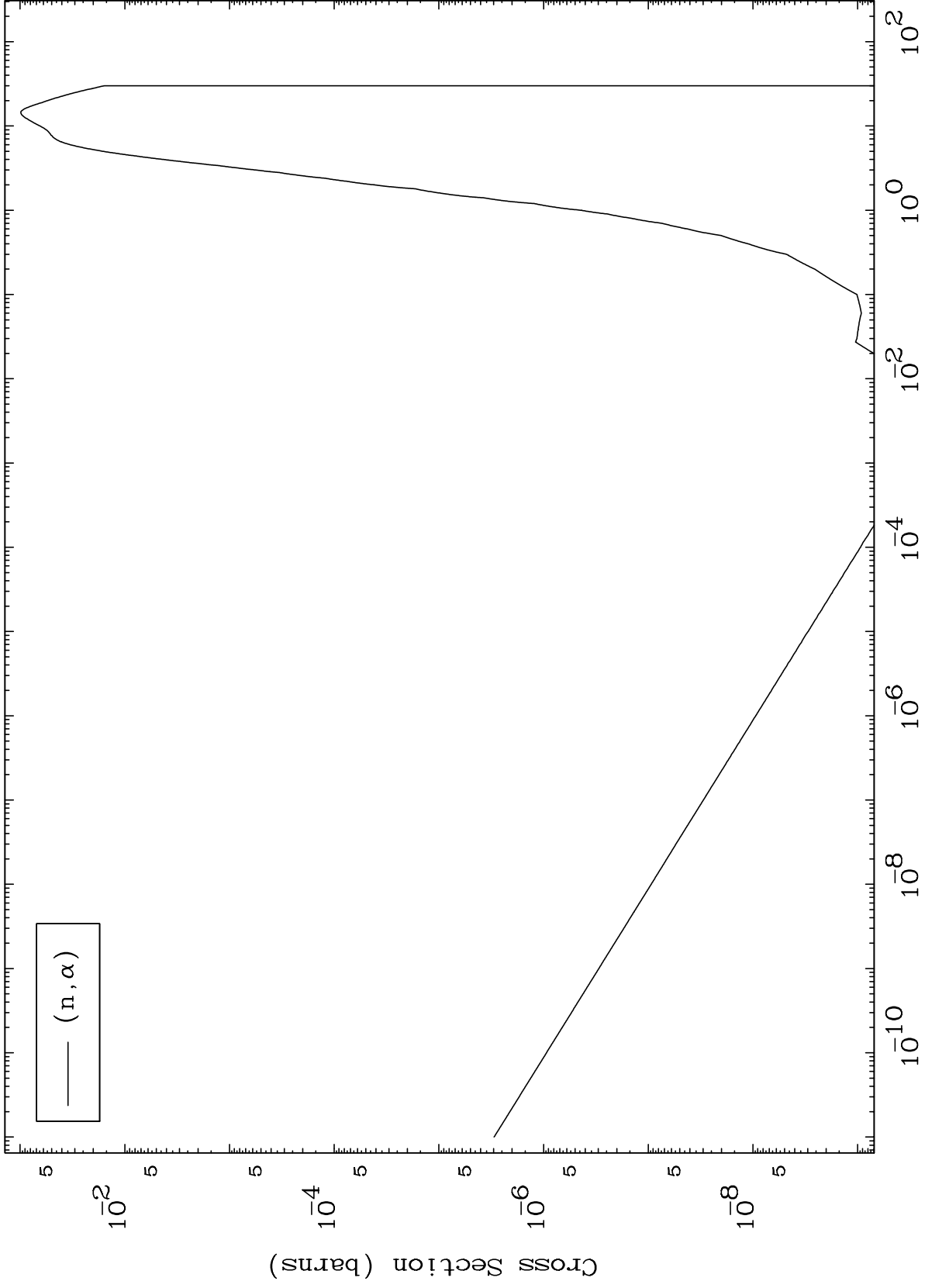
28-Ni-56



MAT 2819

(n, α) Levels
293 Kelvin Cross Sections

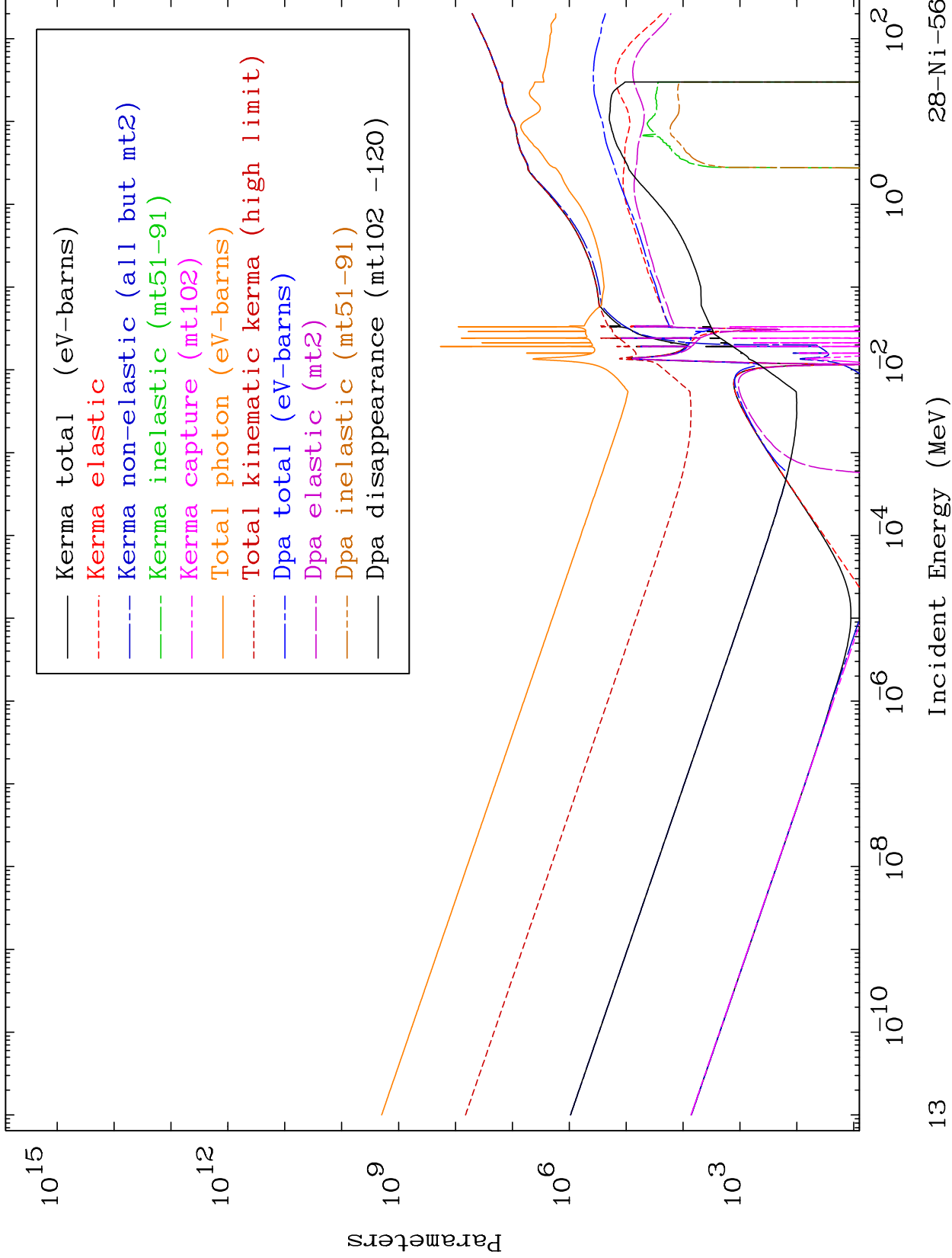
28-Ni-56



12

Incident Energy (MeV)

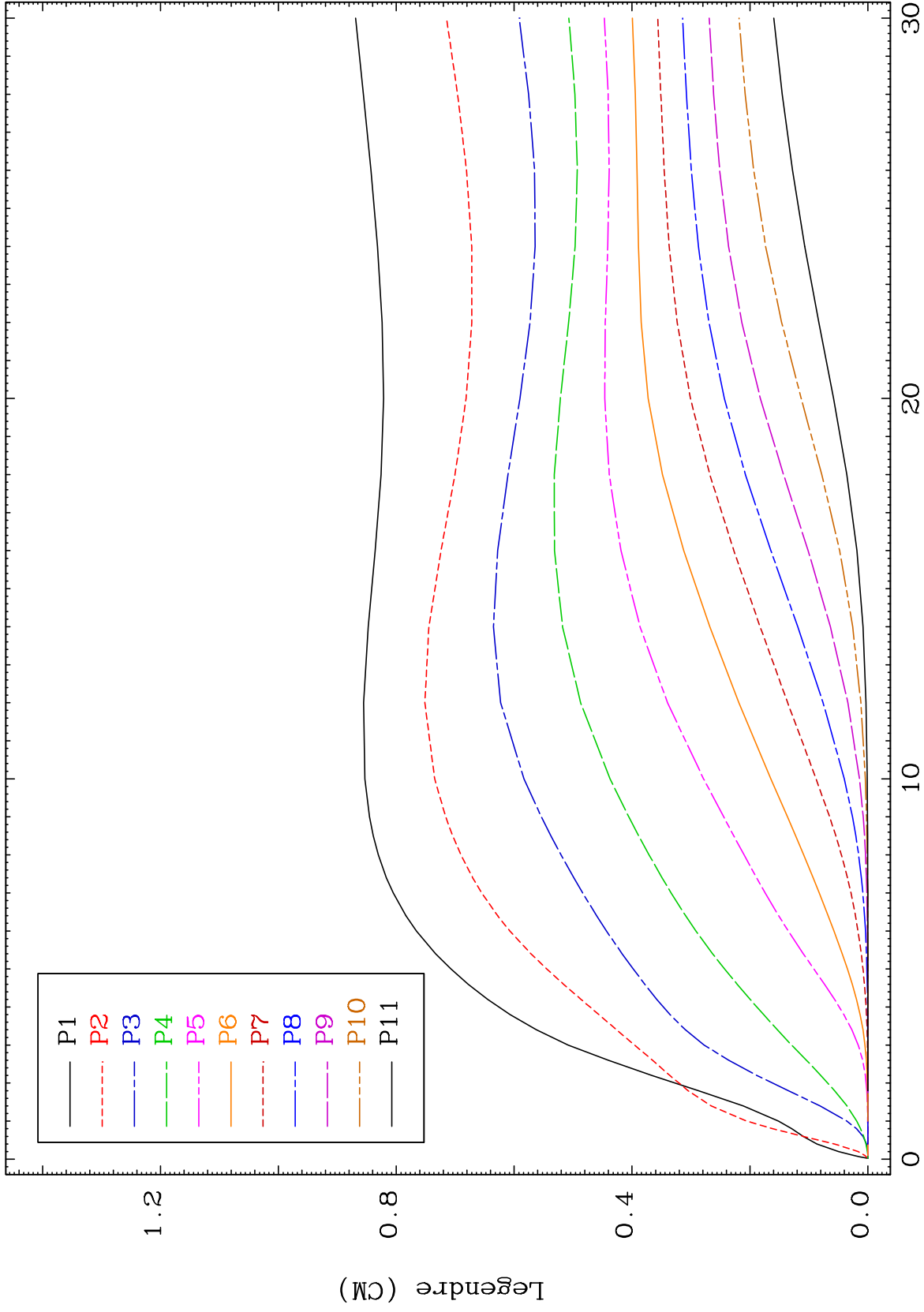
28-Ni-56



MAT 2819

Elastic Legendre Coefficients

28-Ni-56



14

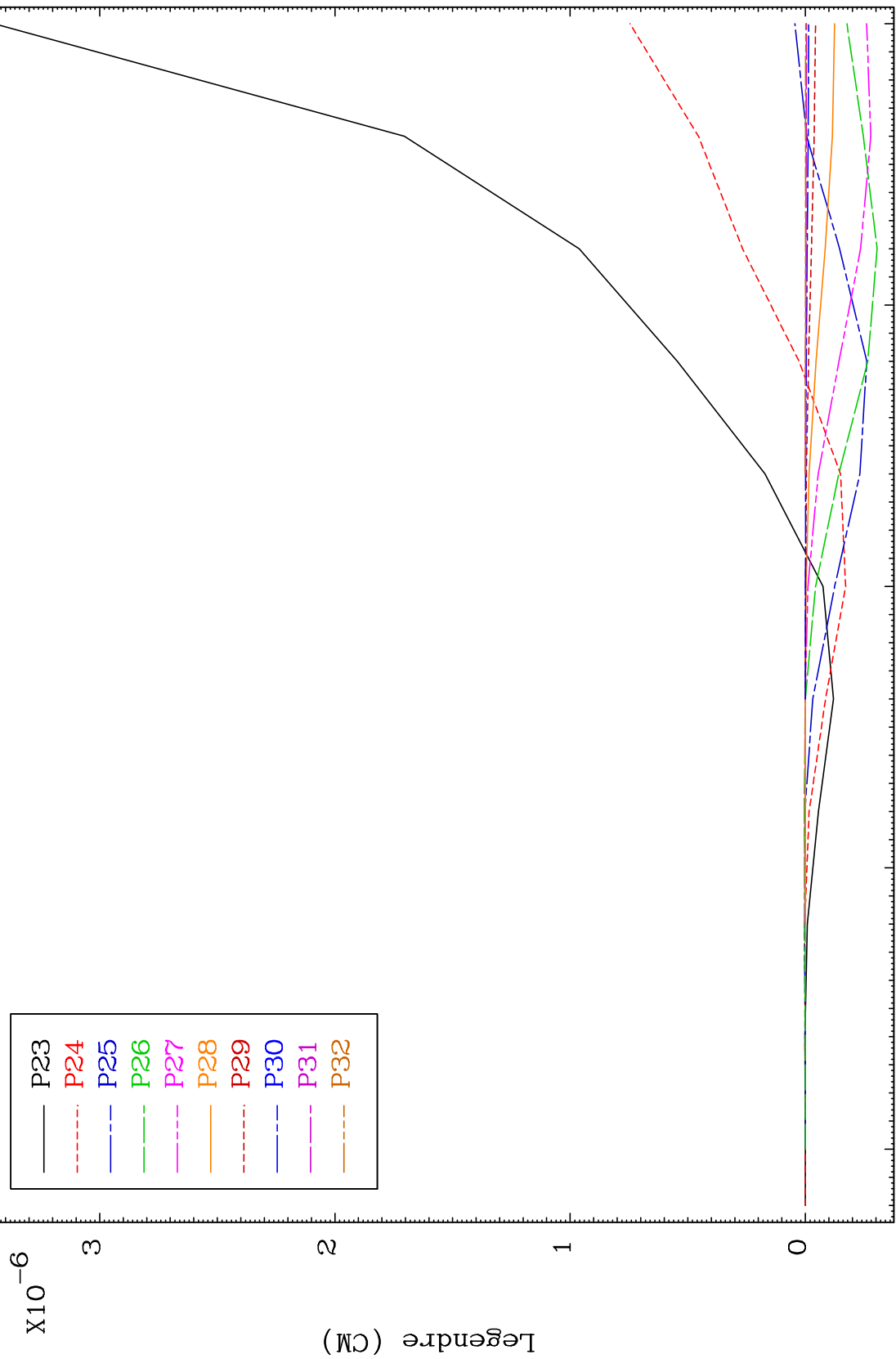
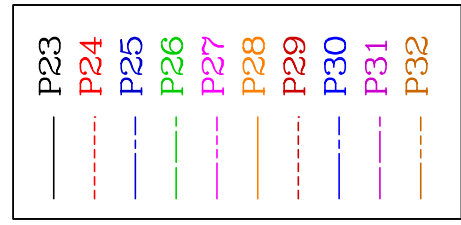
Incident Energy (MeV)

28-Ni-56

MAT 2819

Elastic Legendre Coefficients

28-Ni-56



28-Ni-56

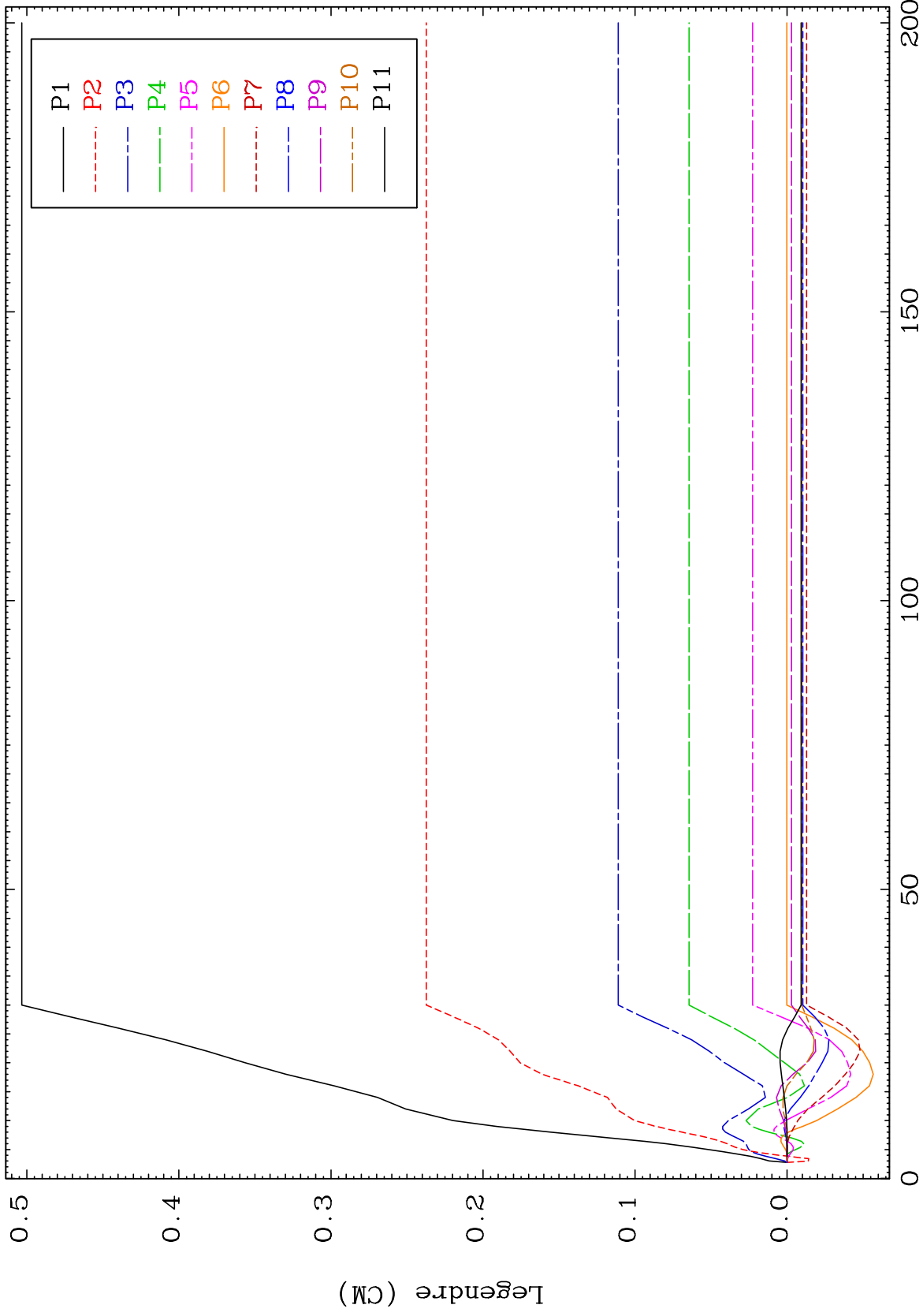
Incident Energy (MeV)

16

MAT 2819

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

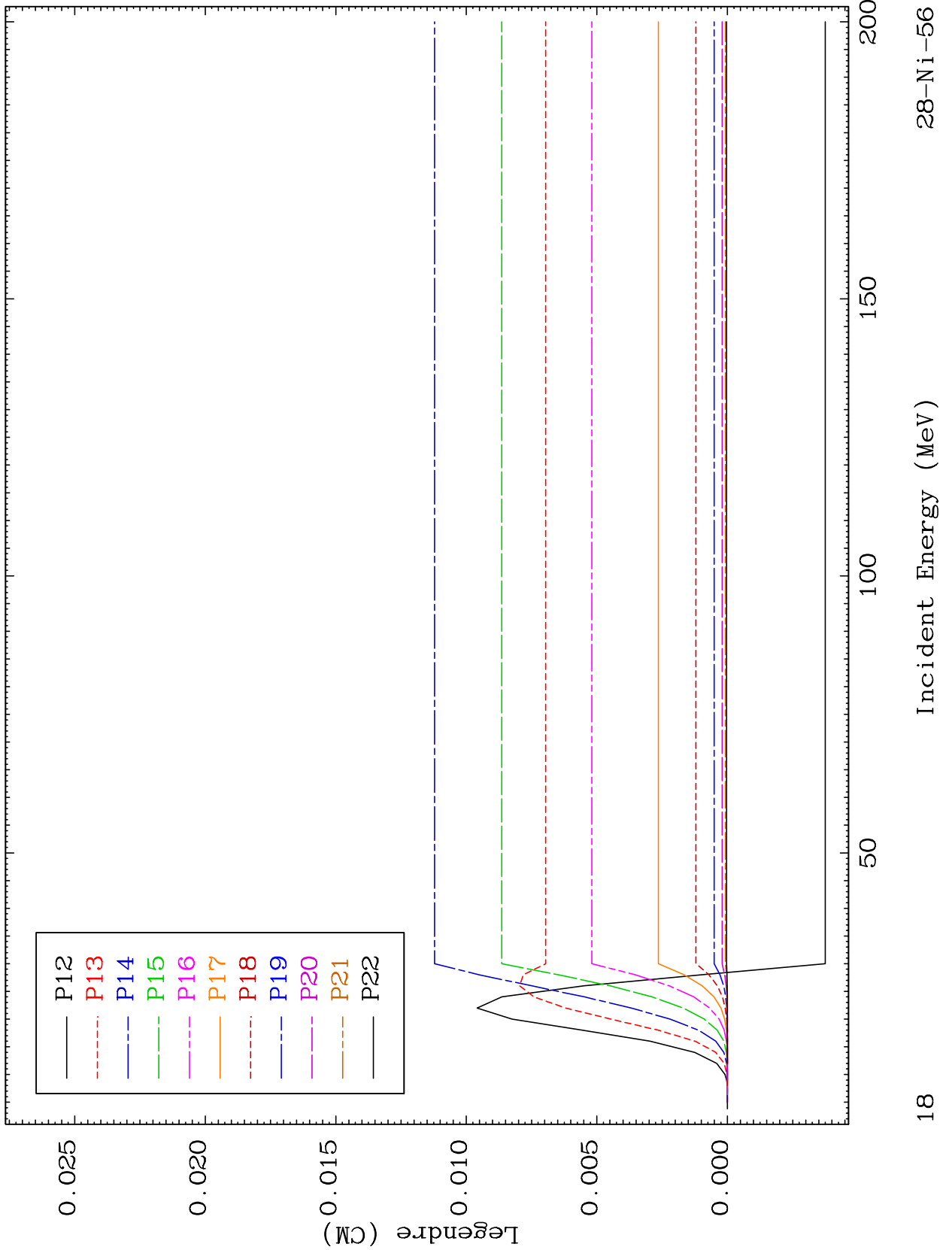
28-Ni-56



17

Incident Energy (MeV)

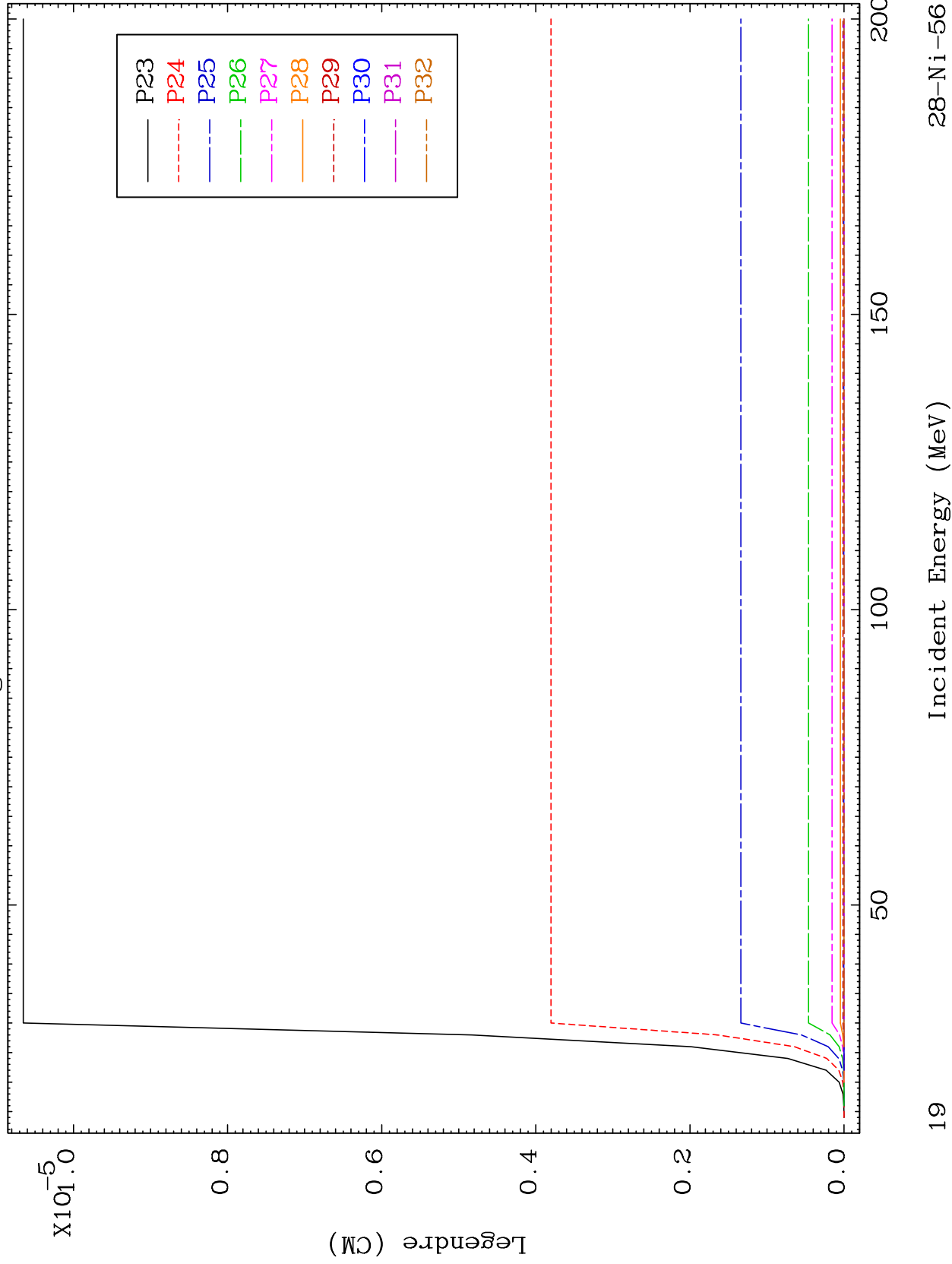
28-Ni-56



MAT 2819

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

28-Ni-56

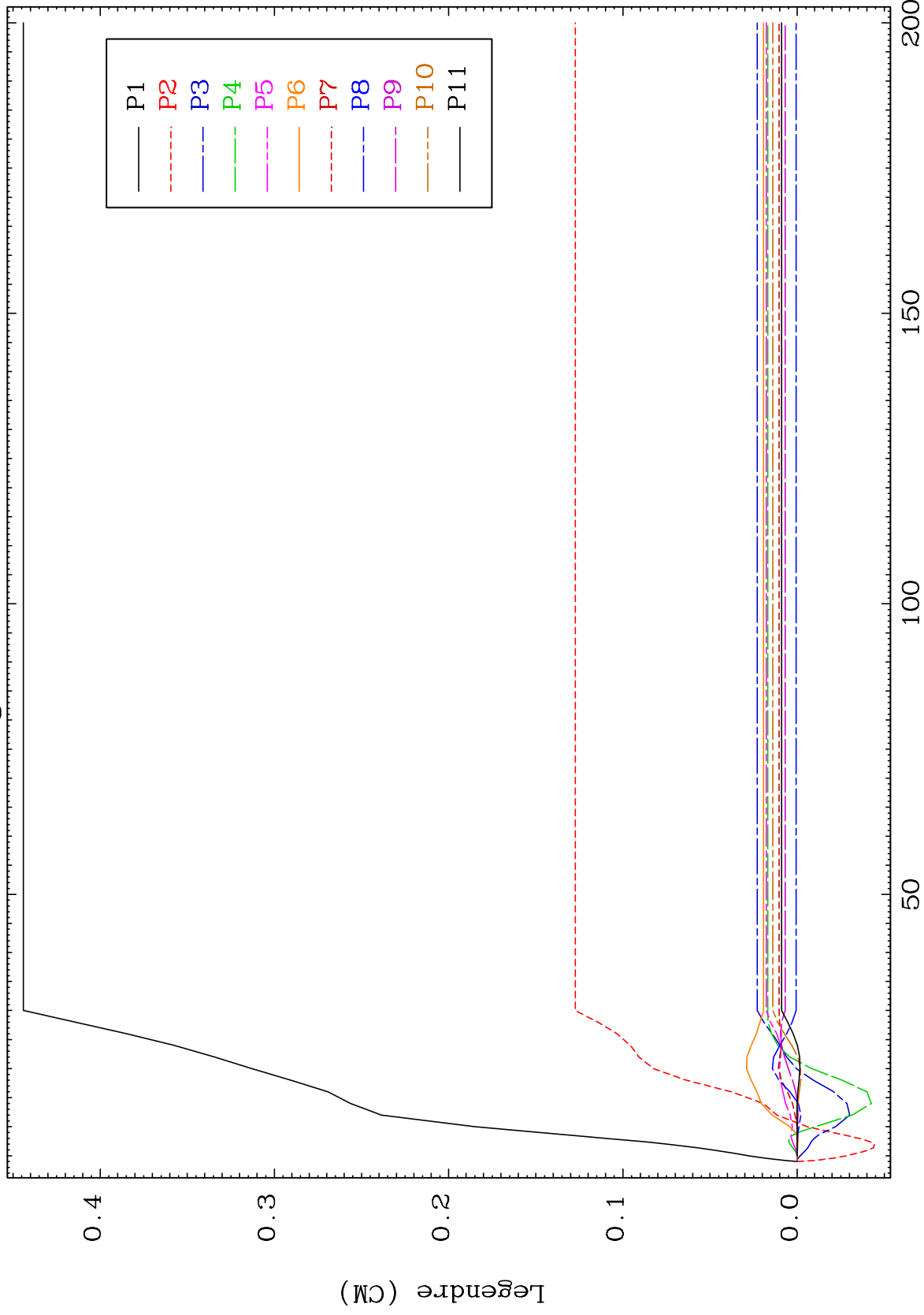


19

MAT 2819

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

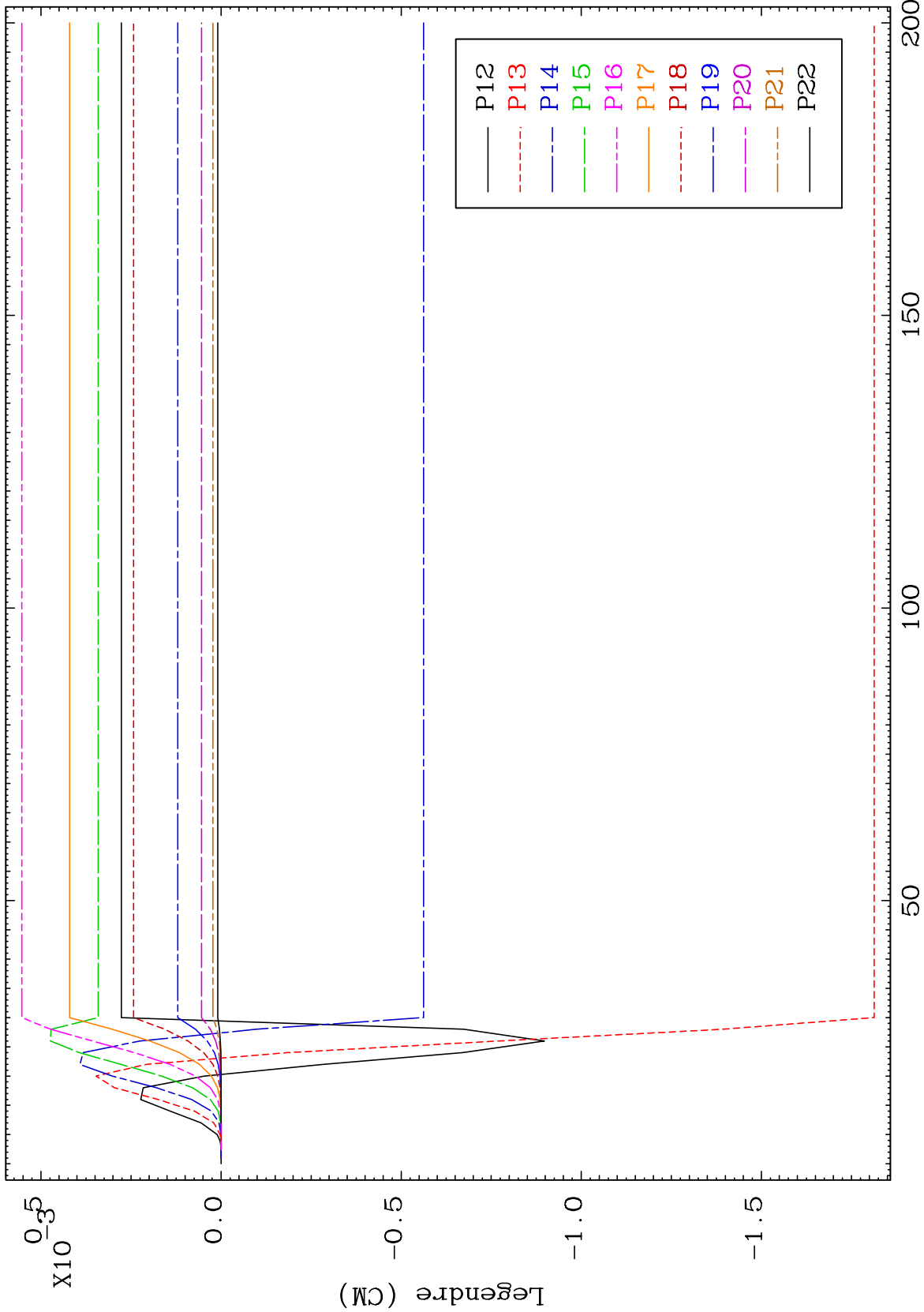
28-Ni-56

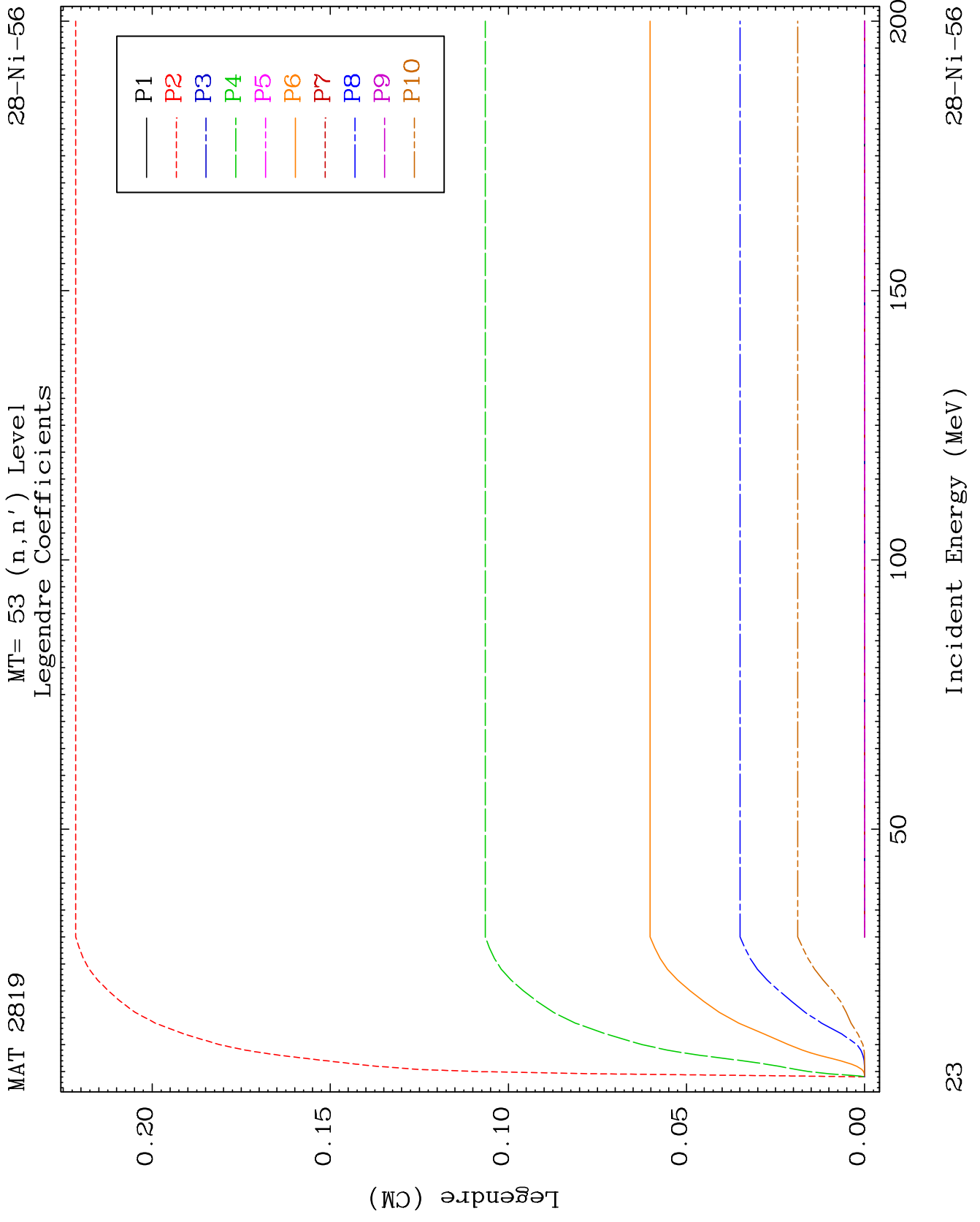


20

Incident Energy (MeV)

28-Ni-56

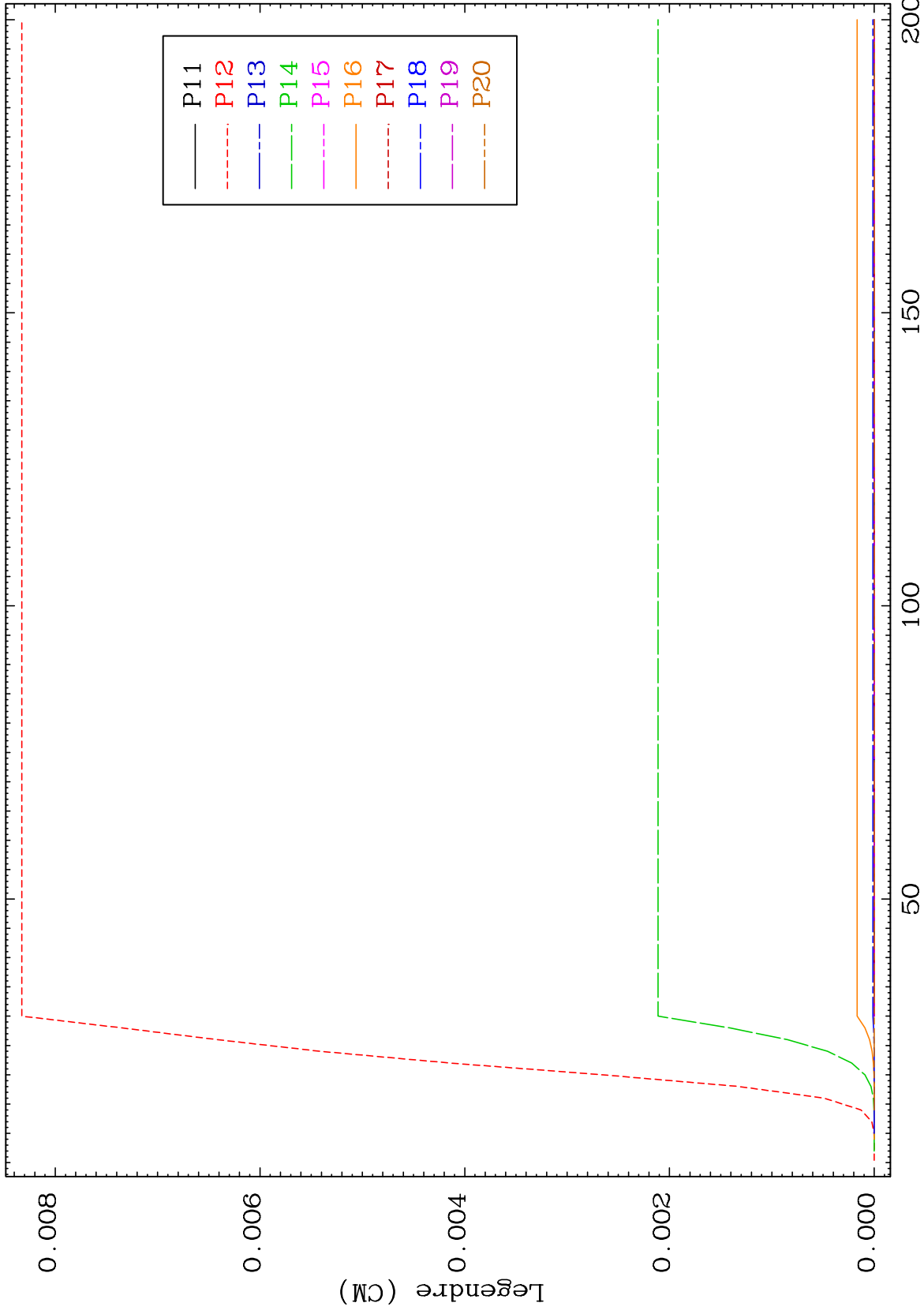




MAT 2819

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

28-Ni-56



24

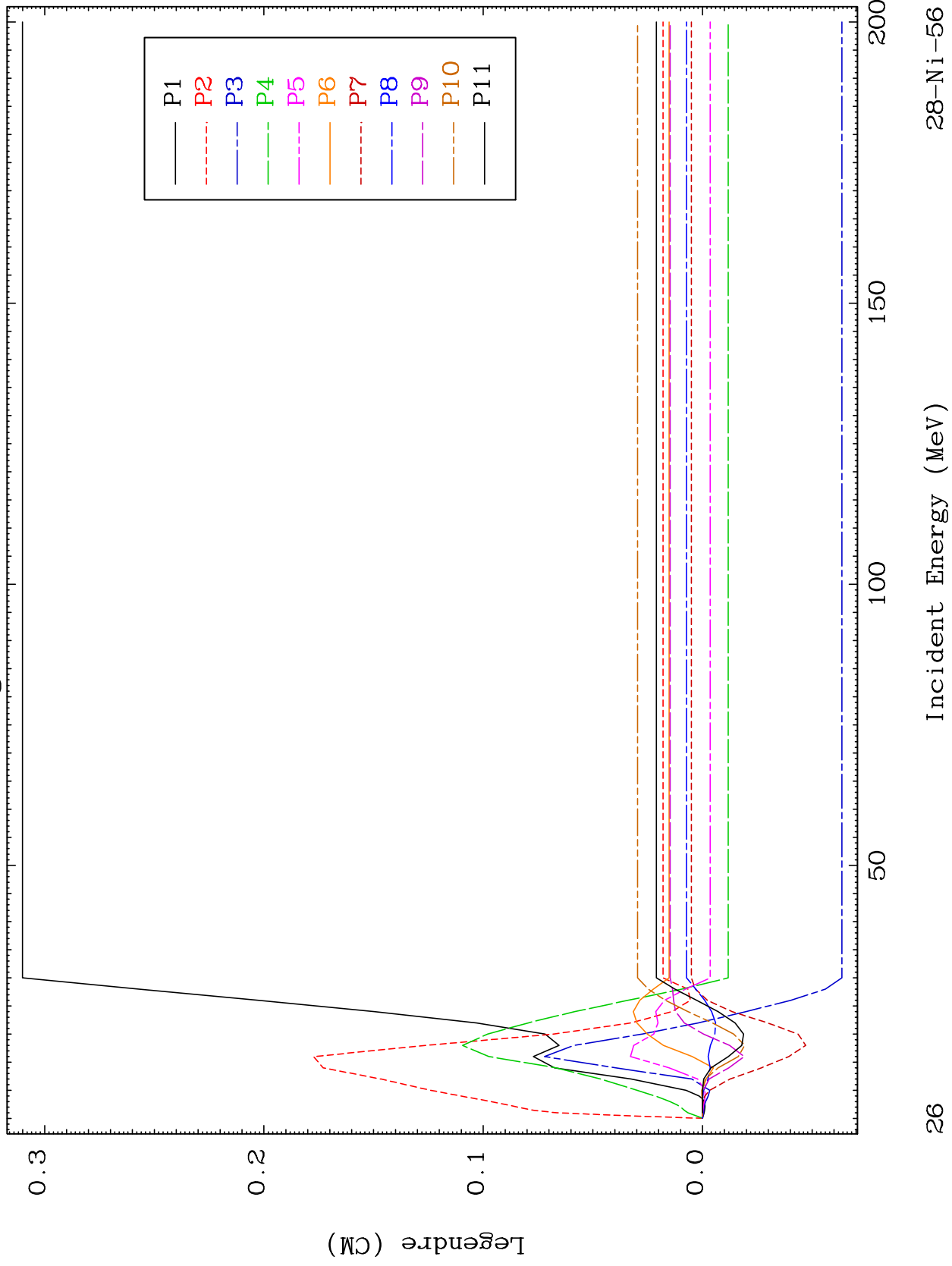
Incident Energy (MeV)

28-Ni-56

MAT 2819

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

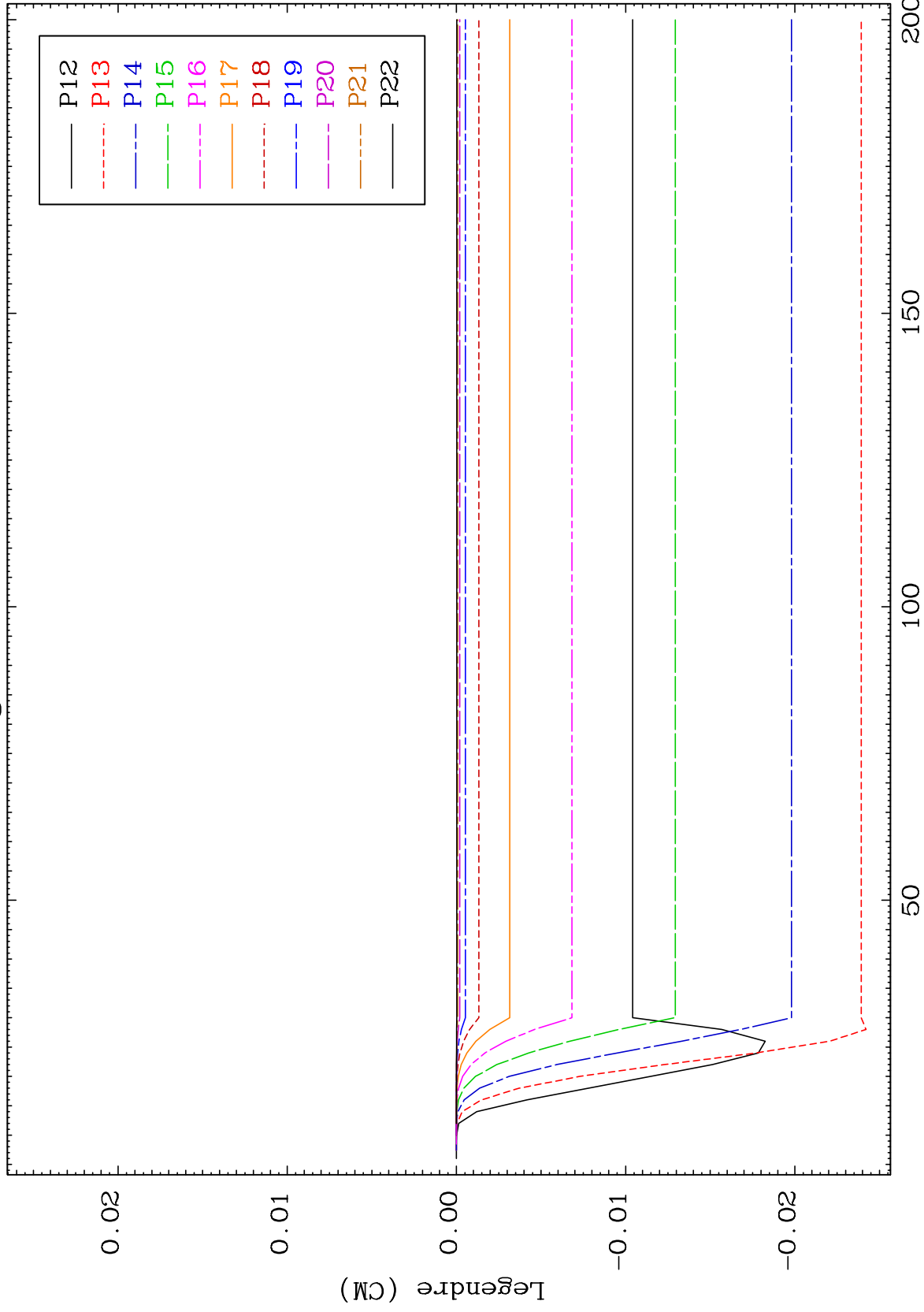
28-Ni-56



MAT 2819

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

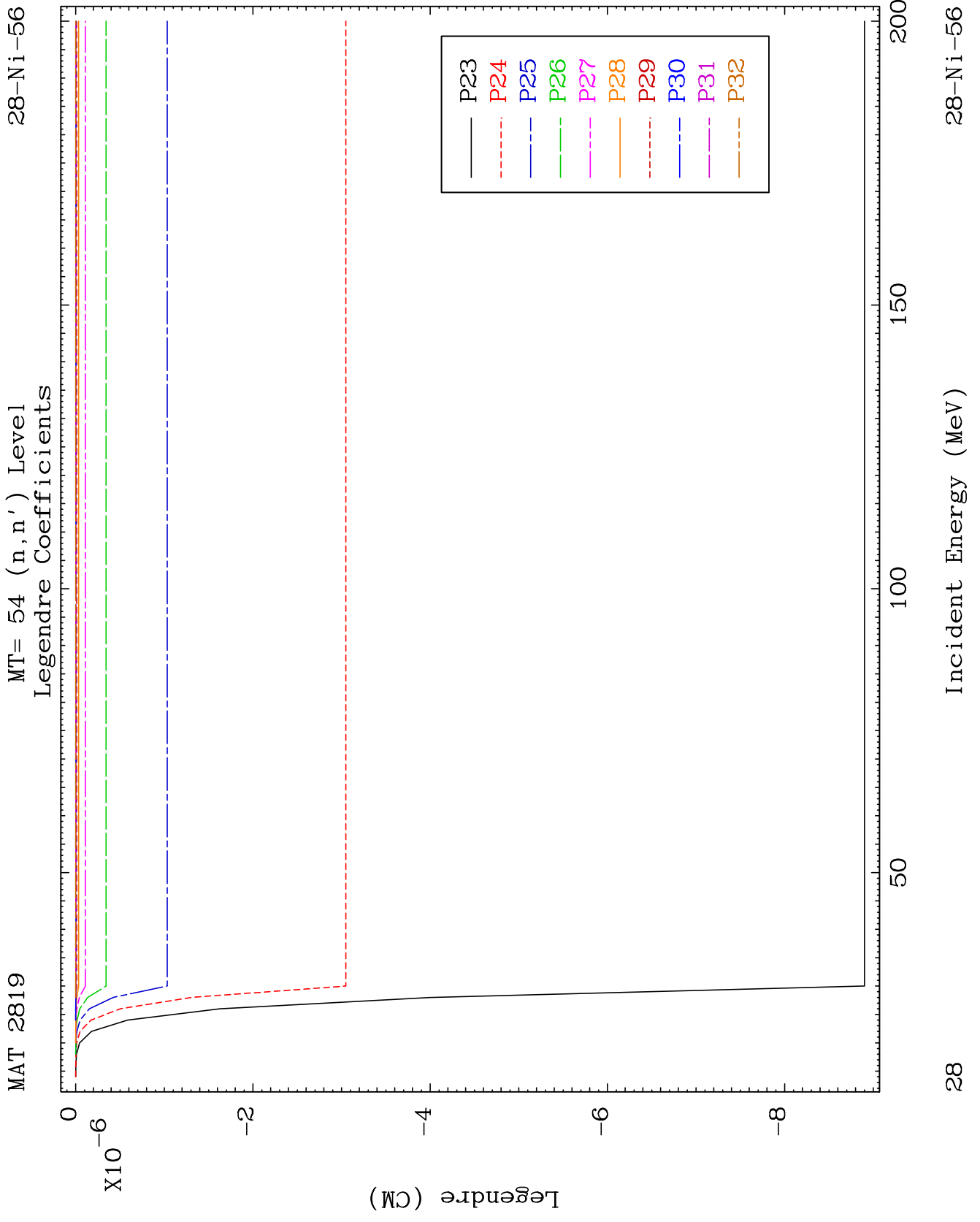
28-Ni-56

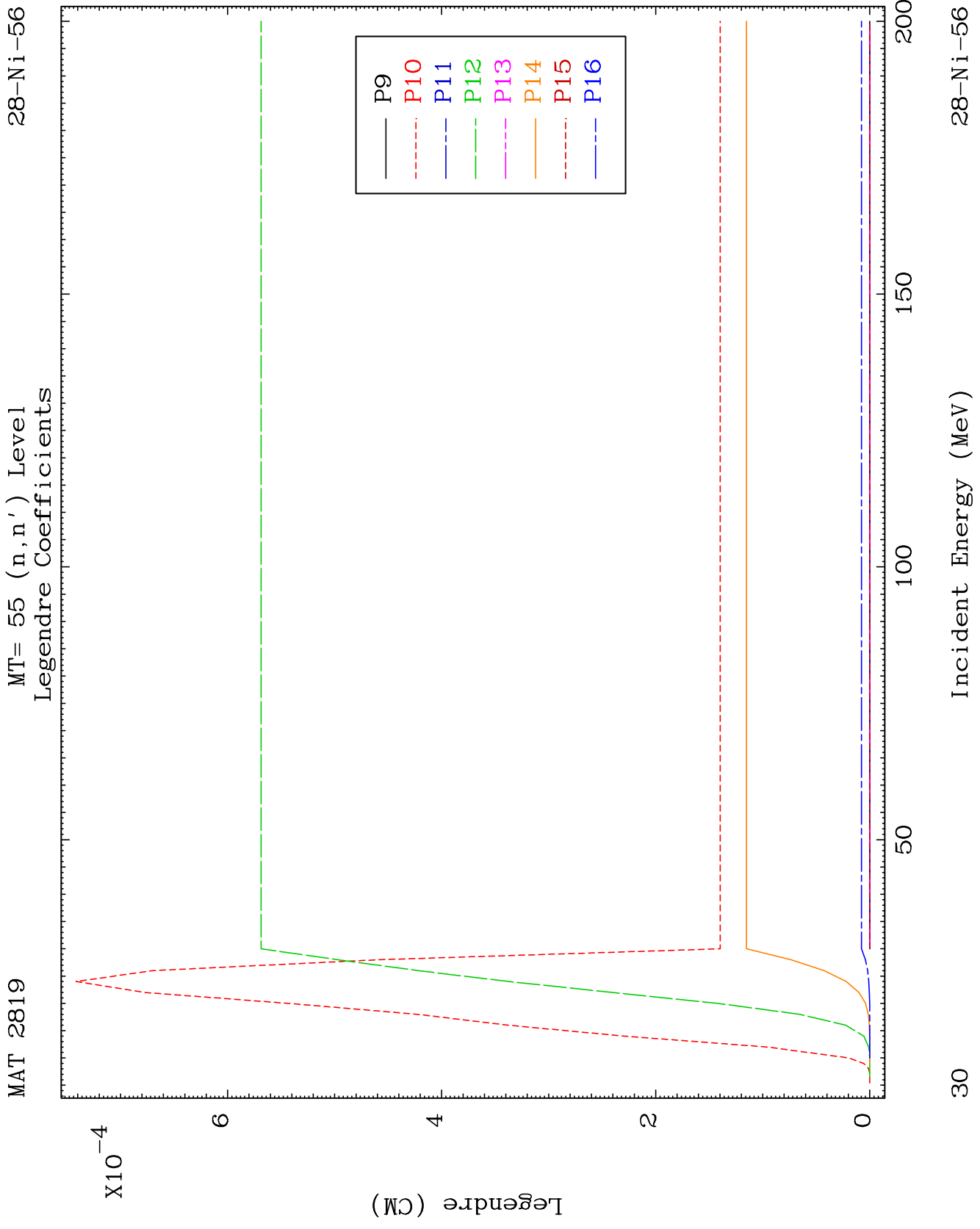


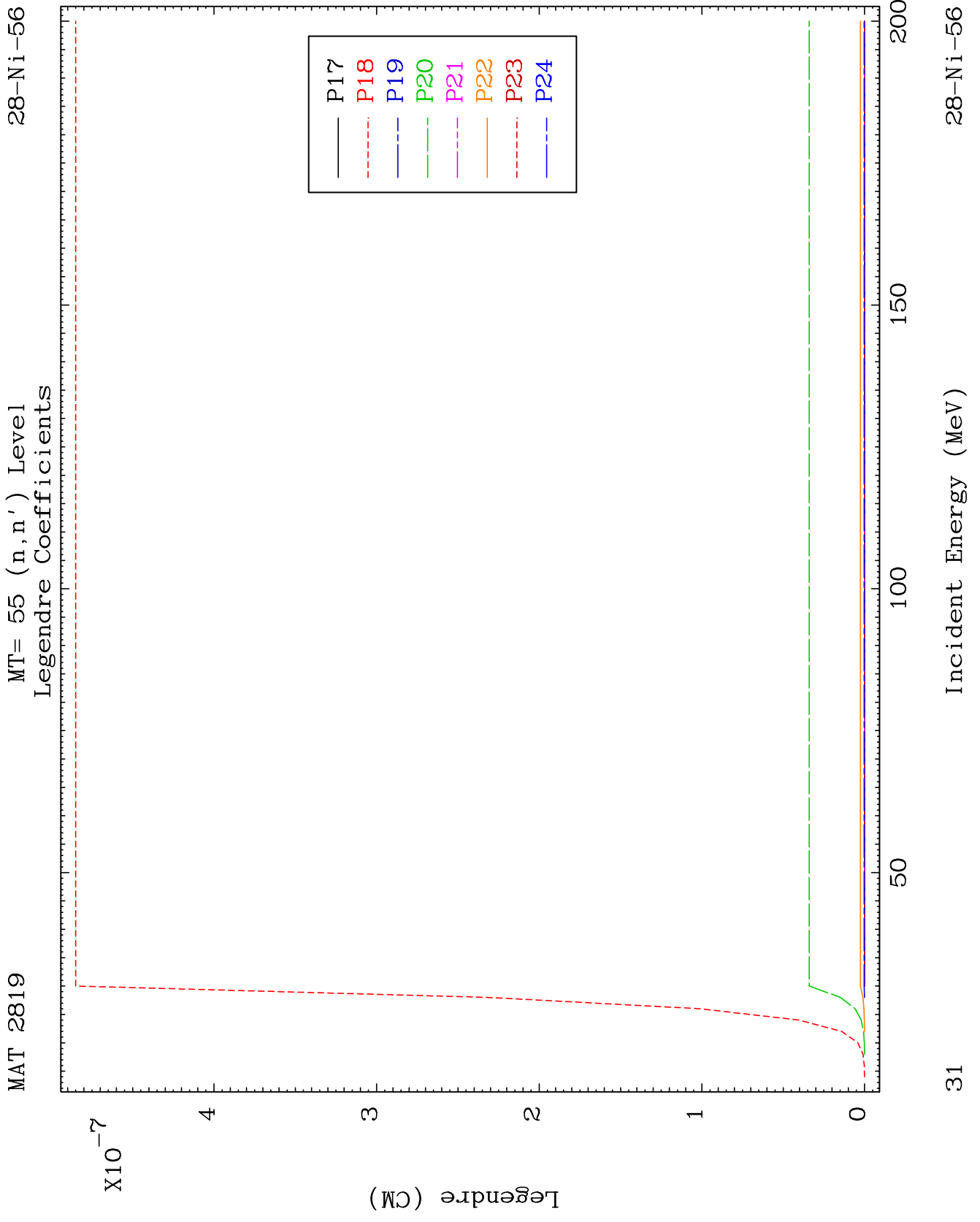
27

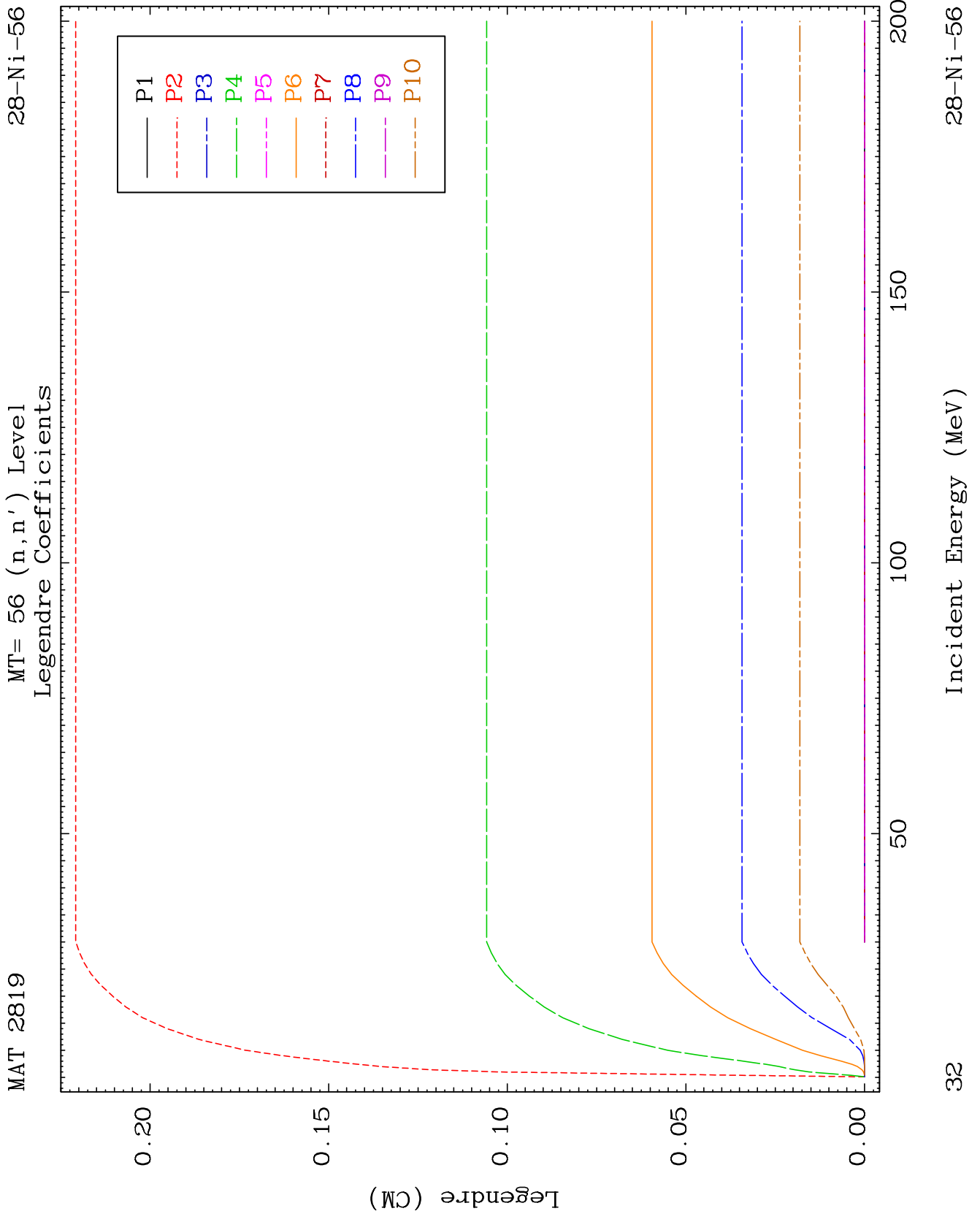
Incident Energy (MeV)

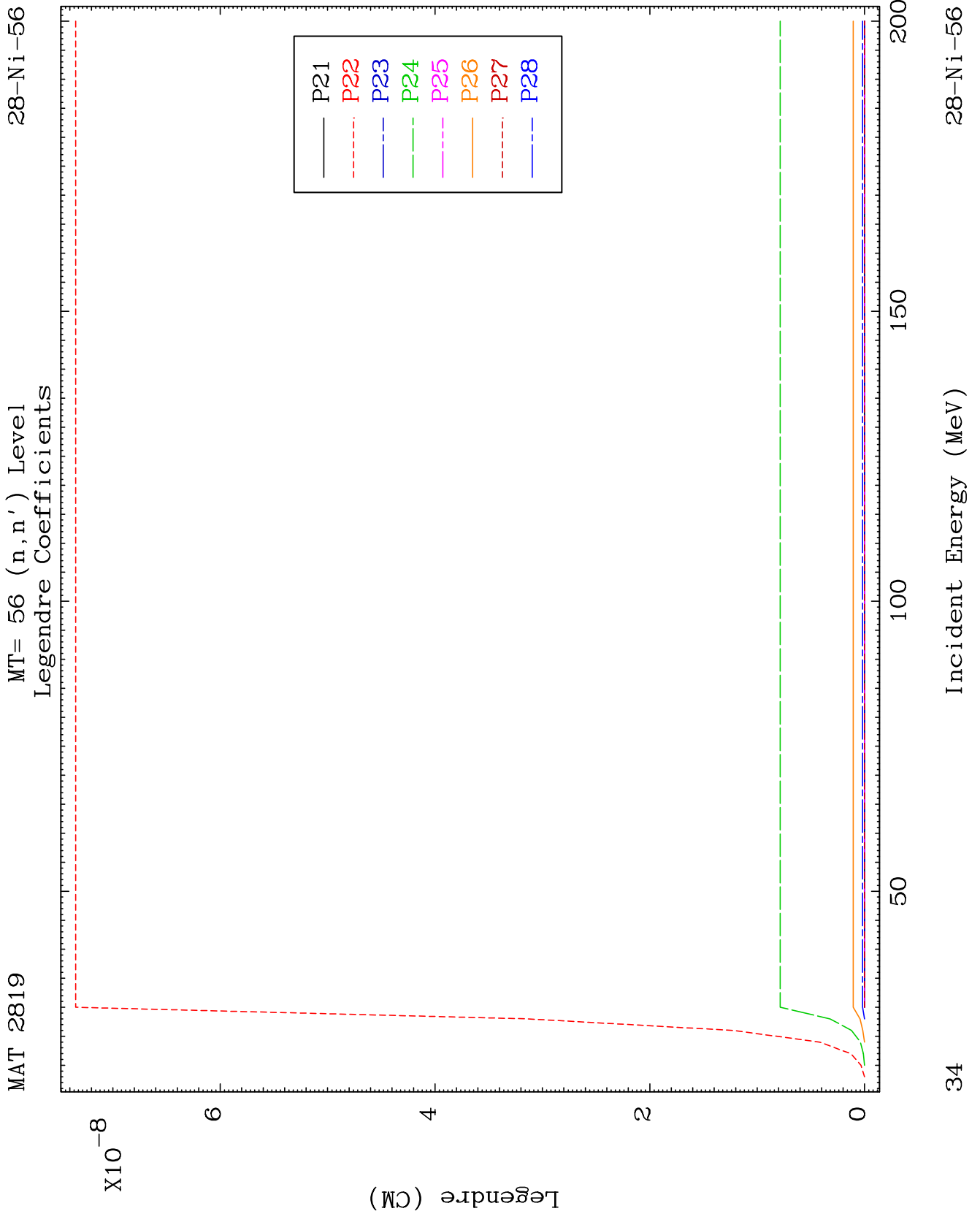
28-Ni-56







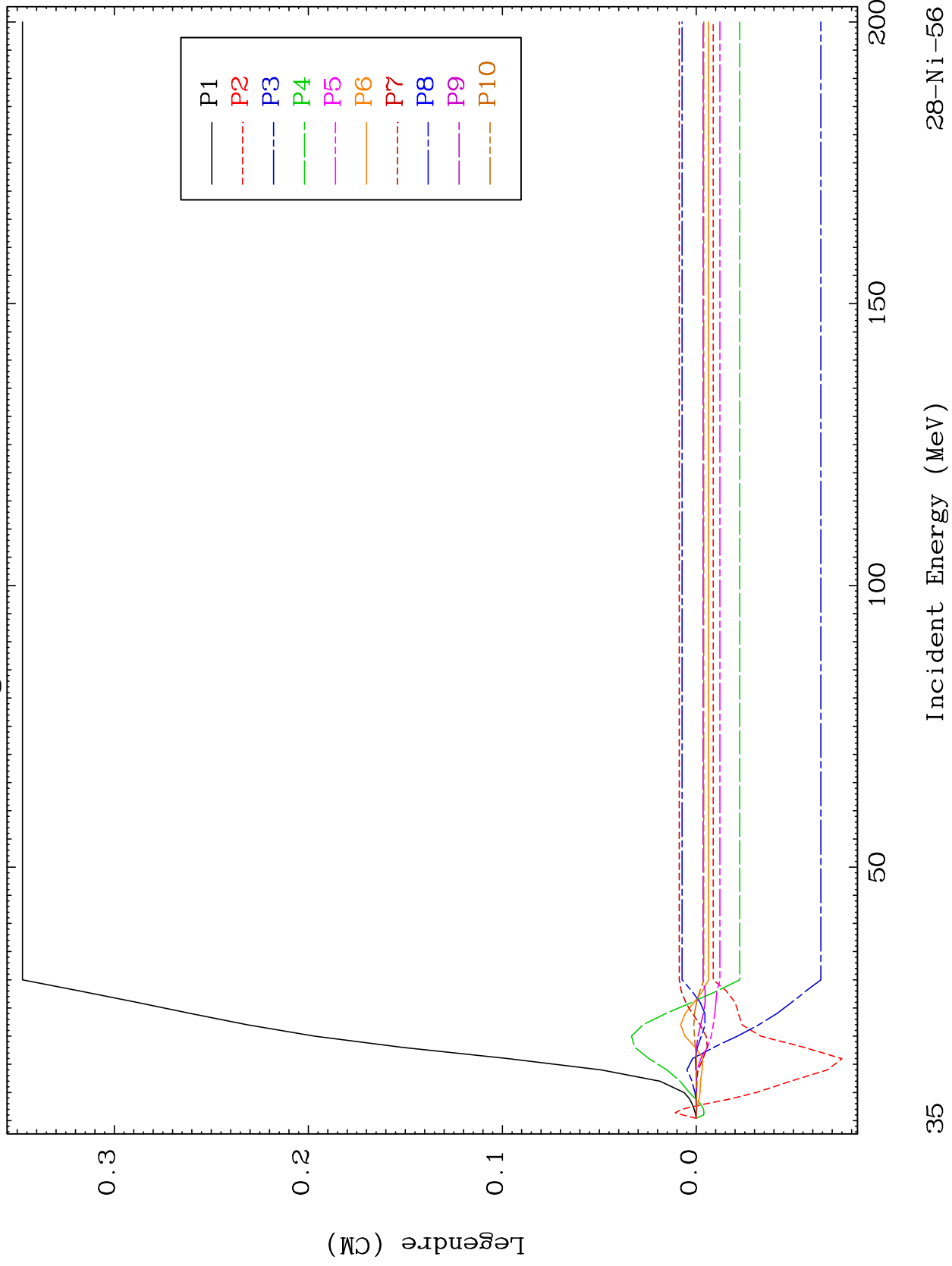




MAT 2819

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

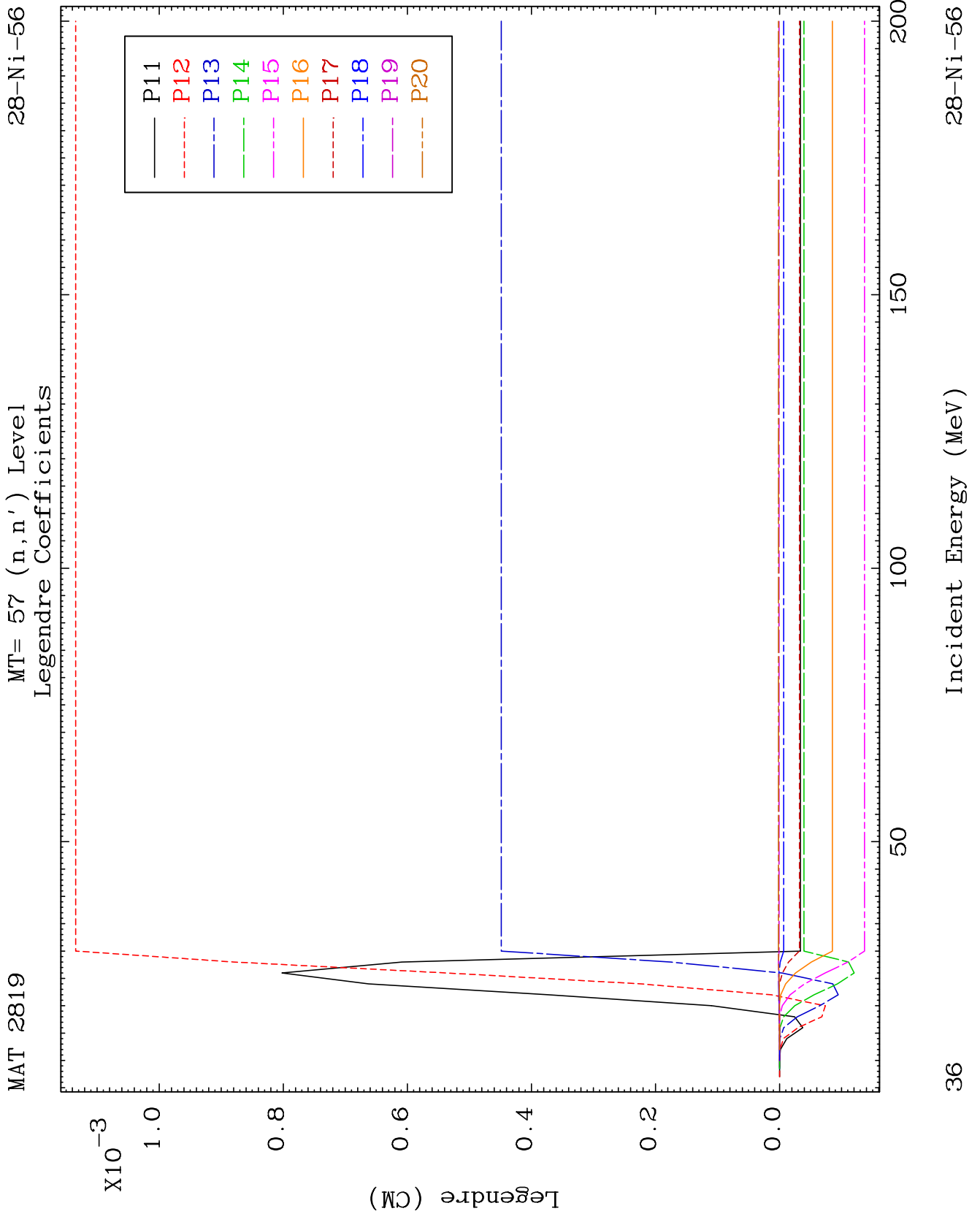
28-Ni-56



35

Incident Energy (MeV)

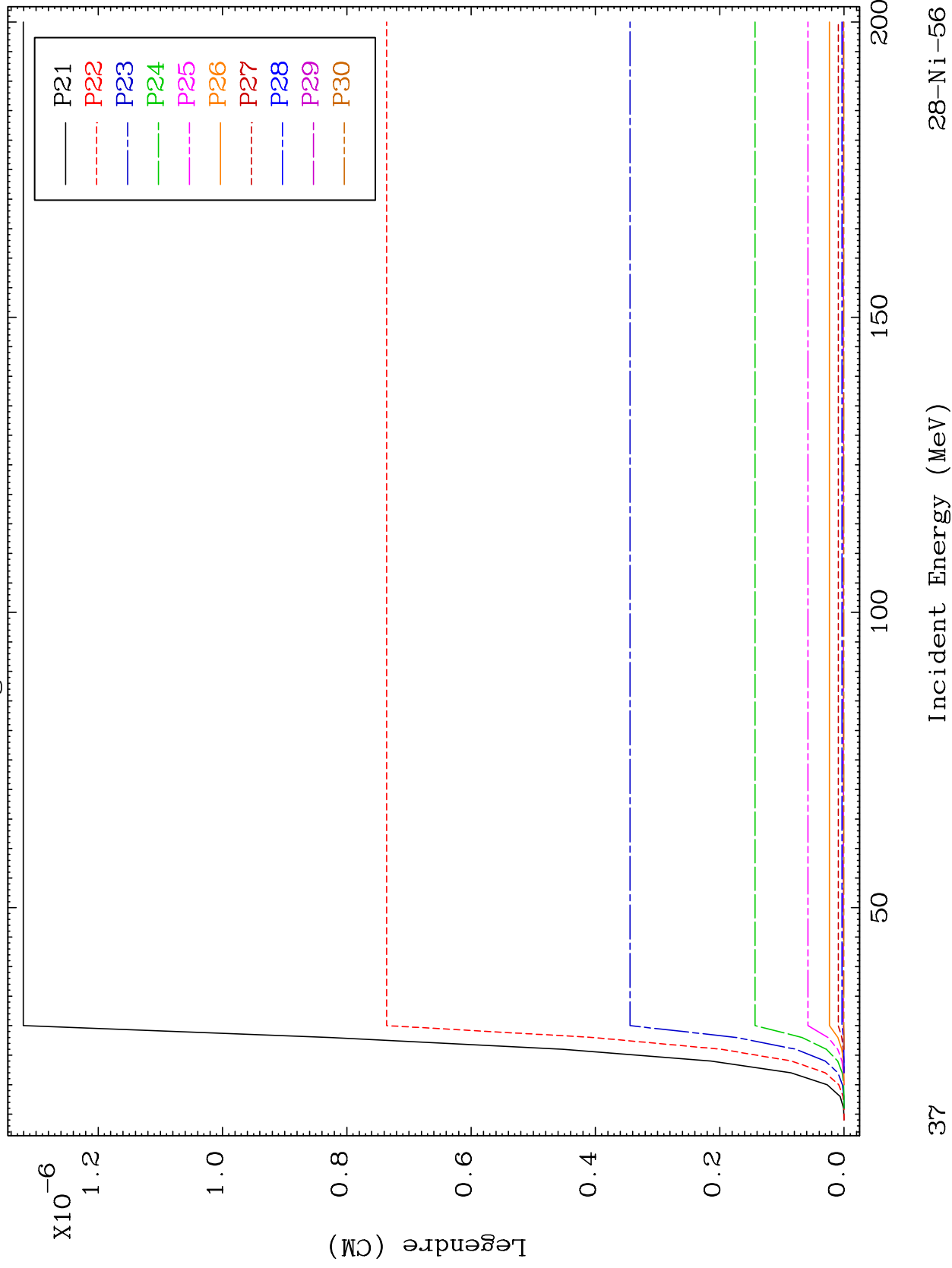
28-Ni-56



MAT 2819

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

28-Ni-56



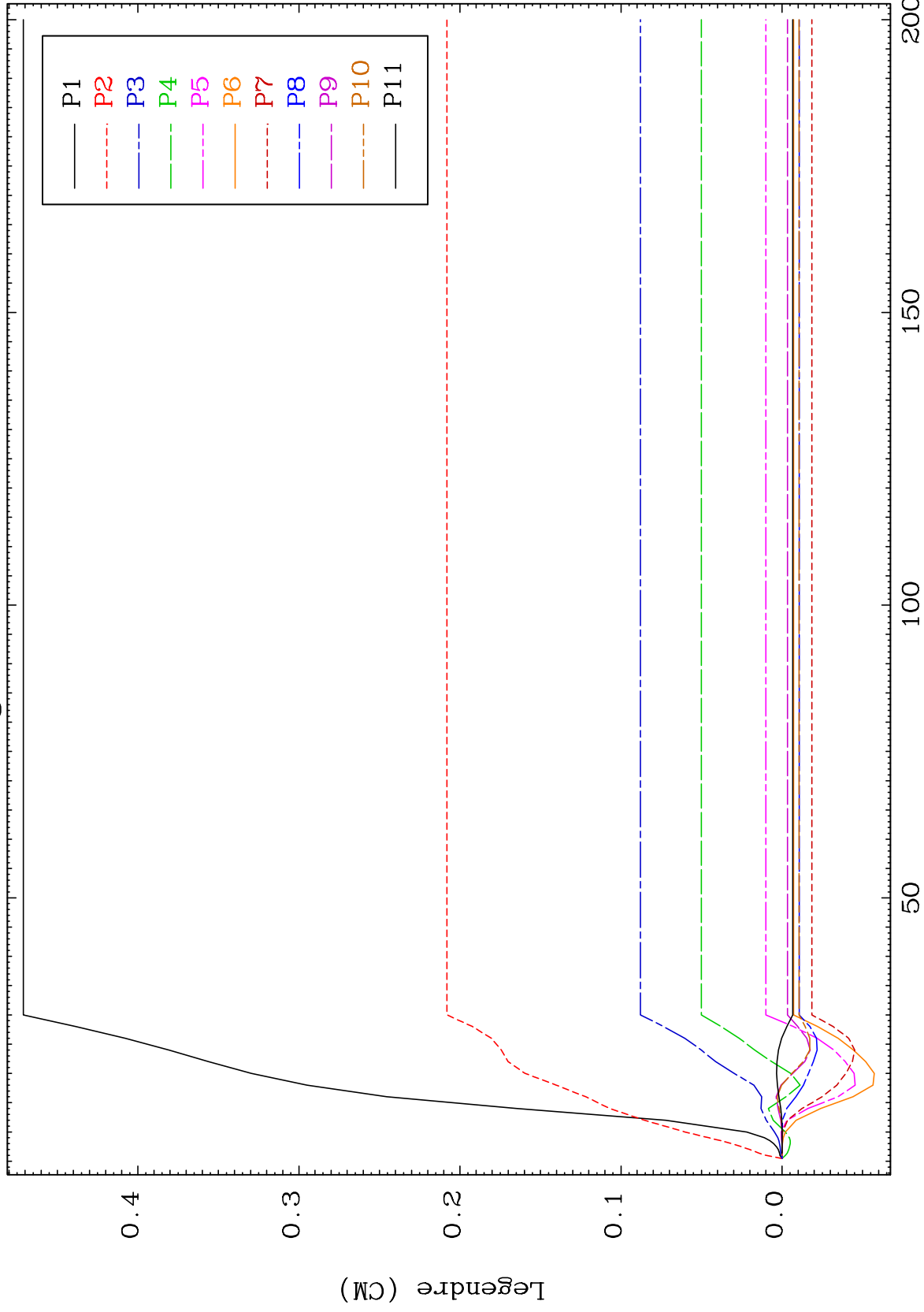
37

28-Ni-56

MAT 2819

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

28-Ni-56



38

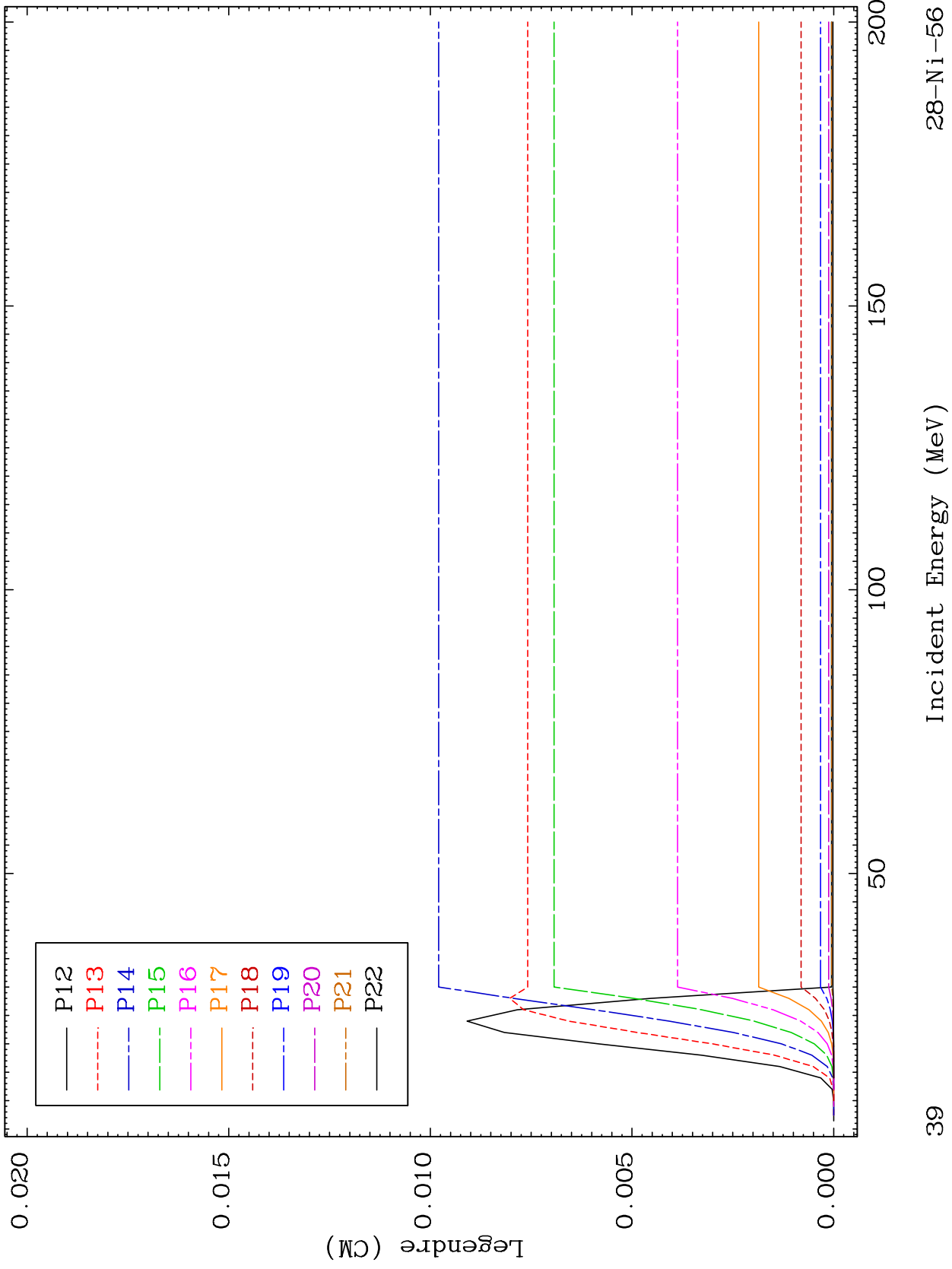
Incident Energy (MeV)

28-Ni-56

MAT 2819

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

28-Ni-56



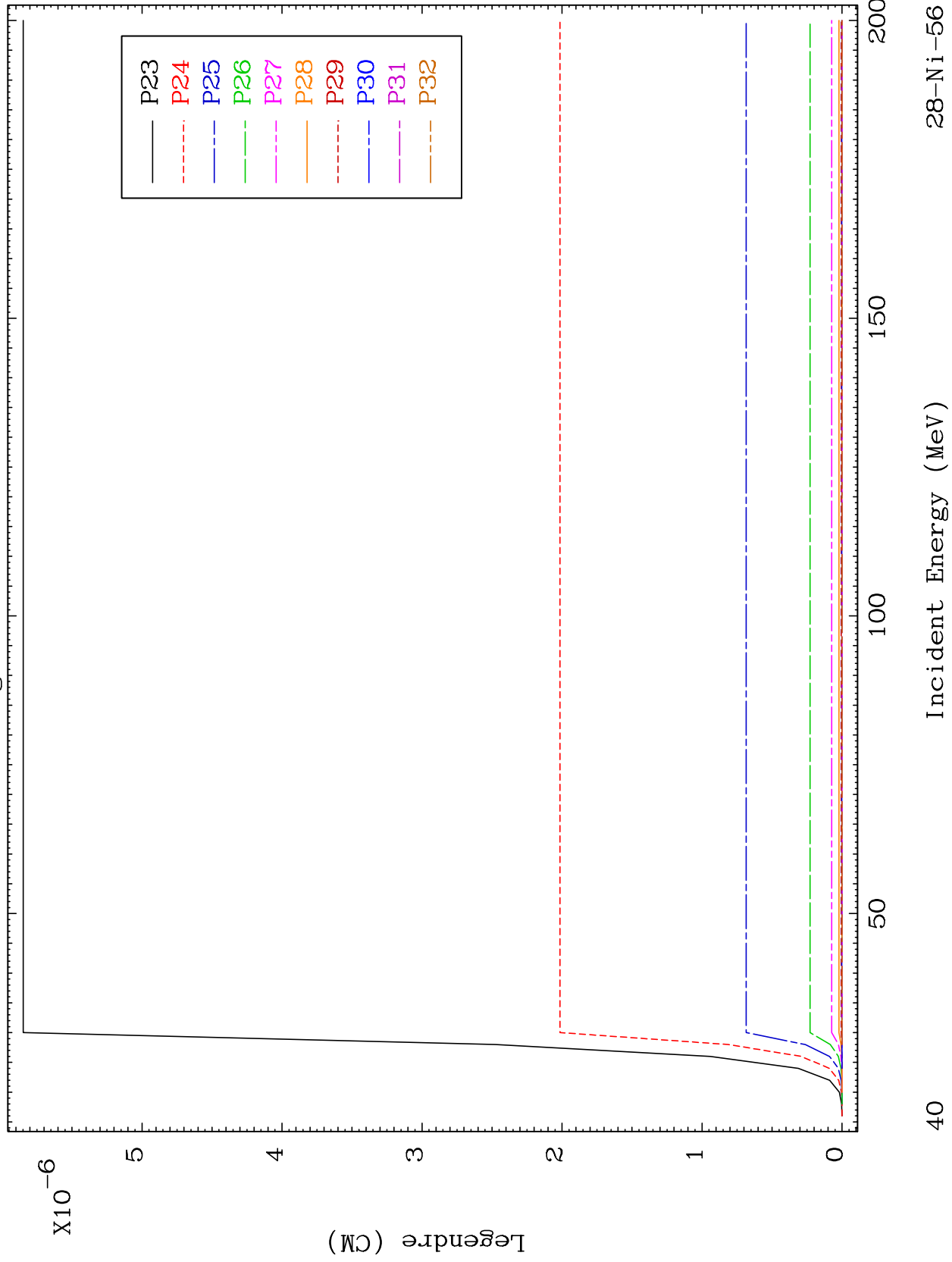
39

28-Ni-56

MAT 2819

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

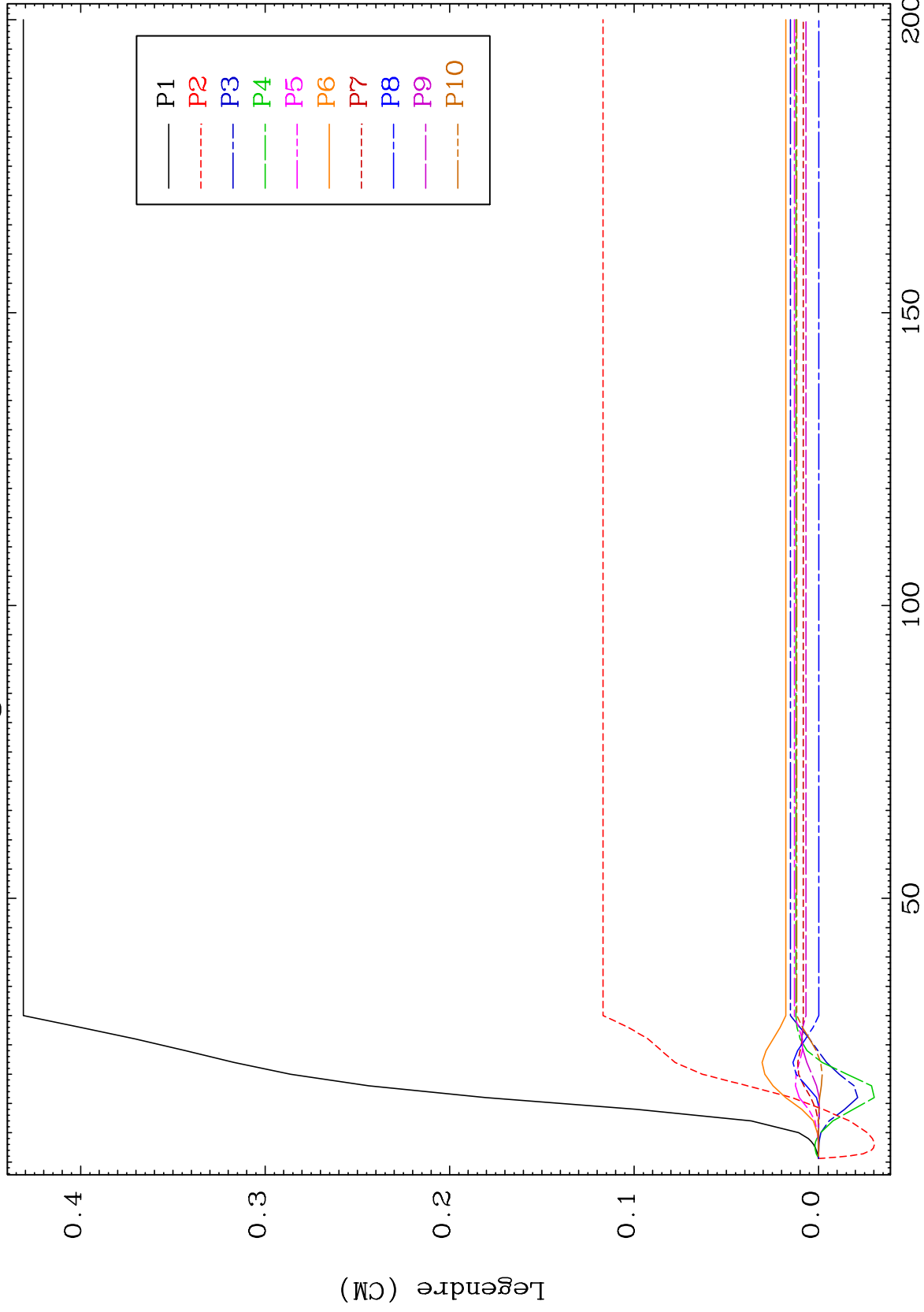
28-Ni-56



MAT 2819

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

28-Ni-56



41

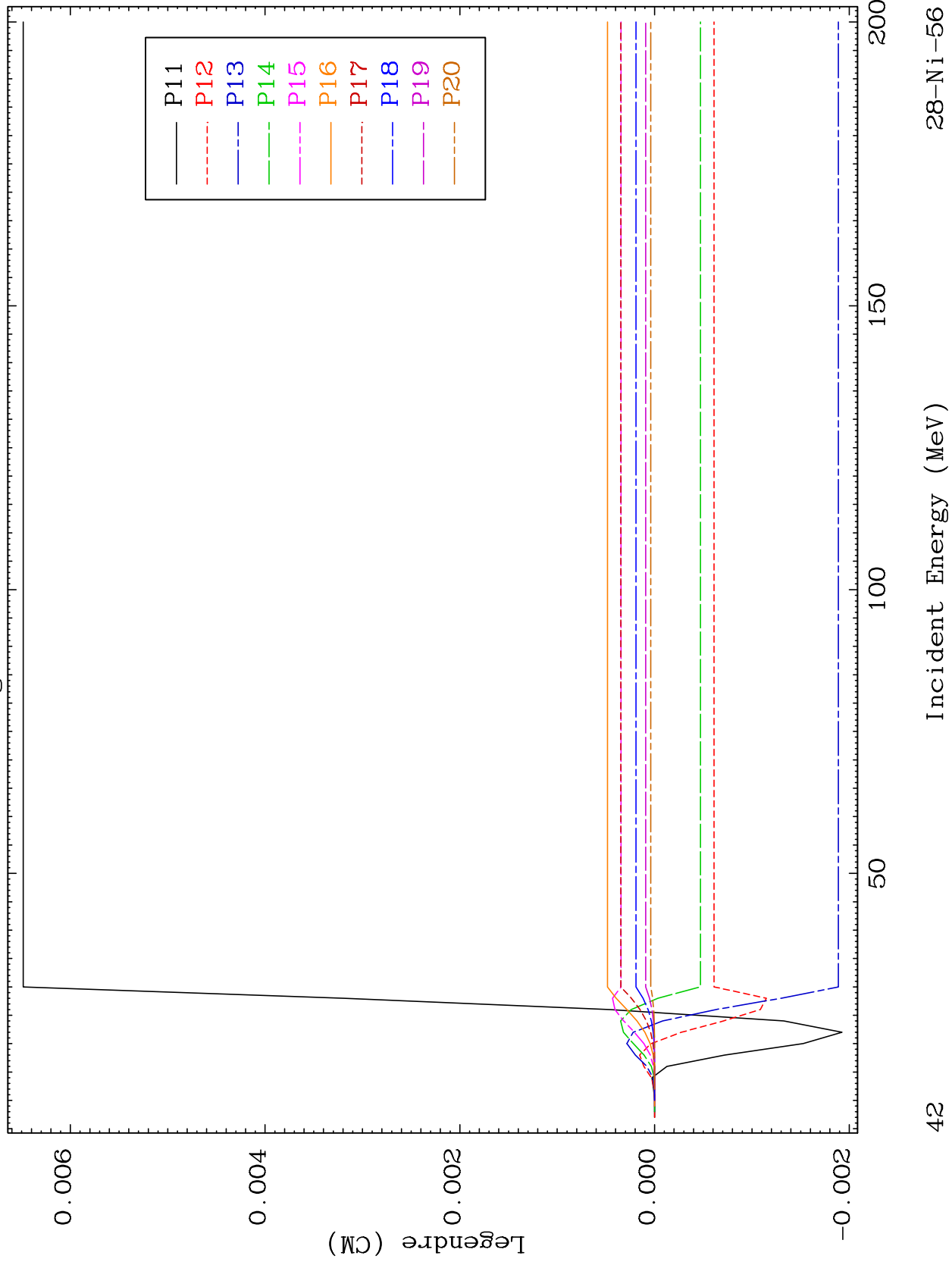
Incident Energy (MeV)

28-Ni-56

MAT 2819

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

28-Ni-56



42

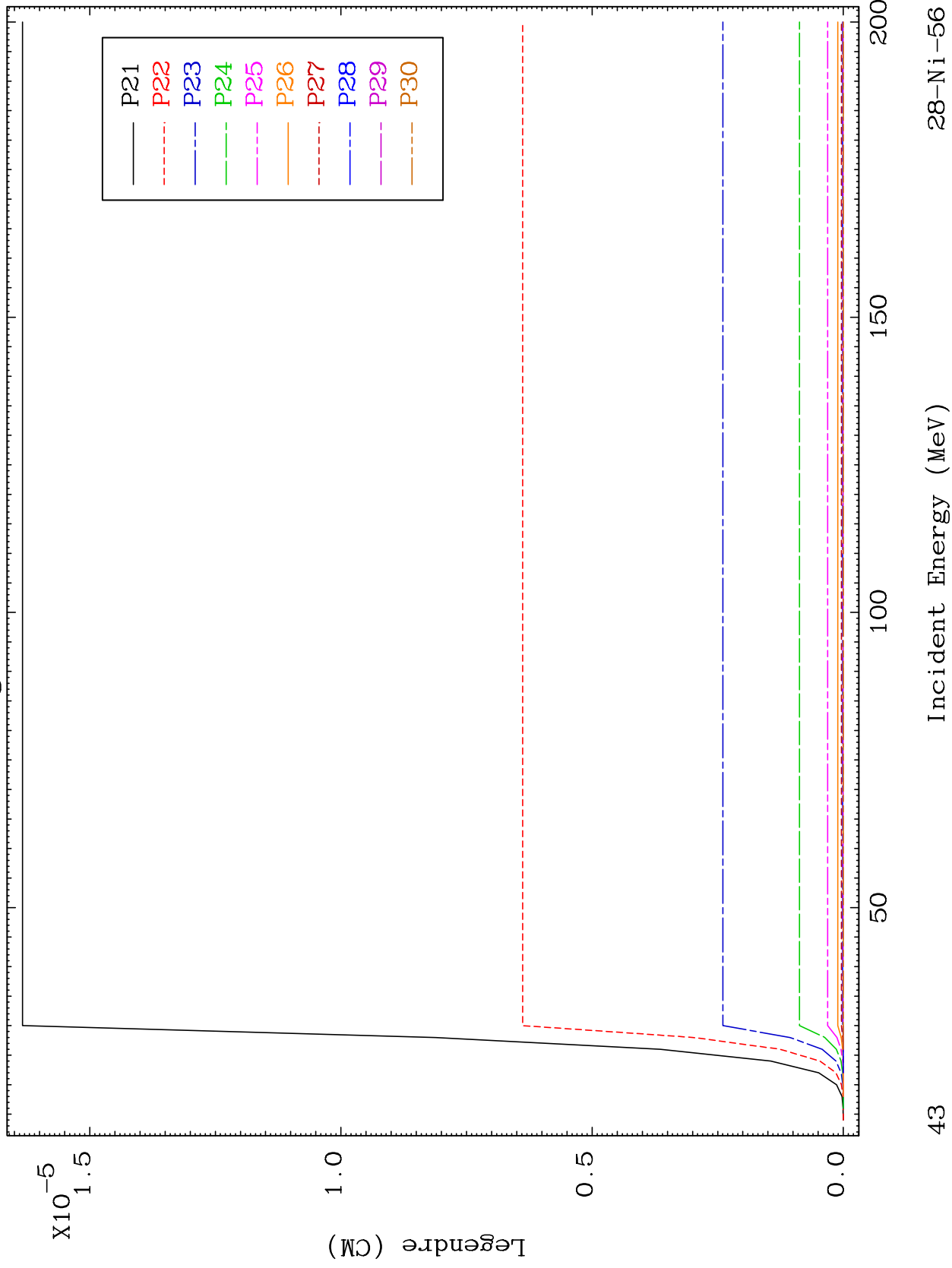
Incident Energy (MeV)

28-Ni-56

MAT 2819

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

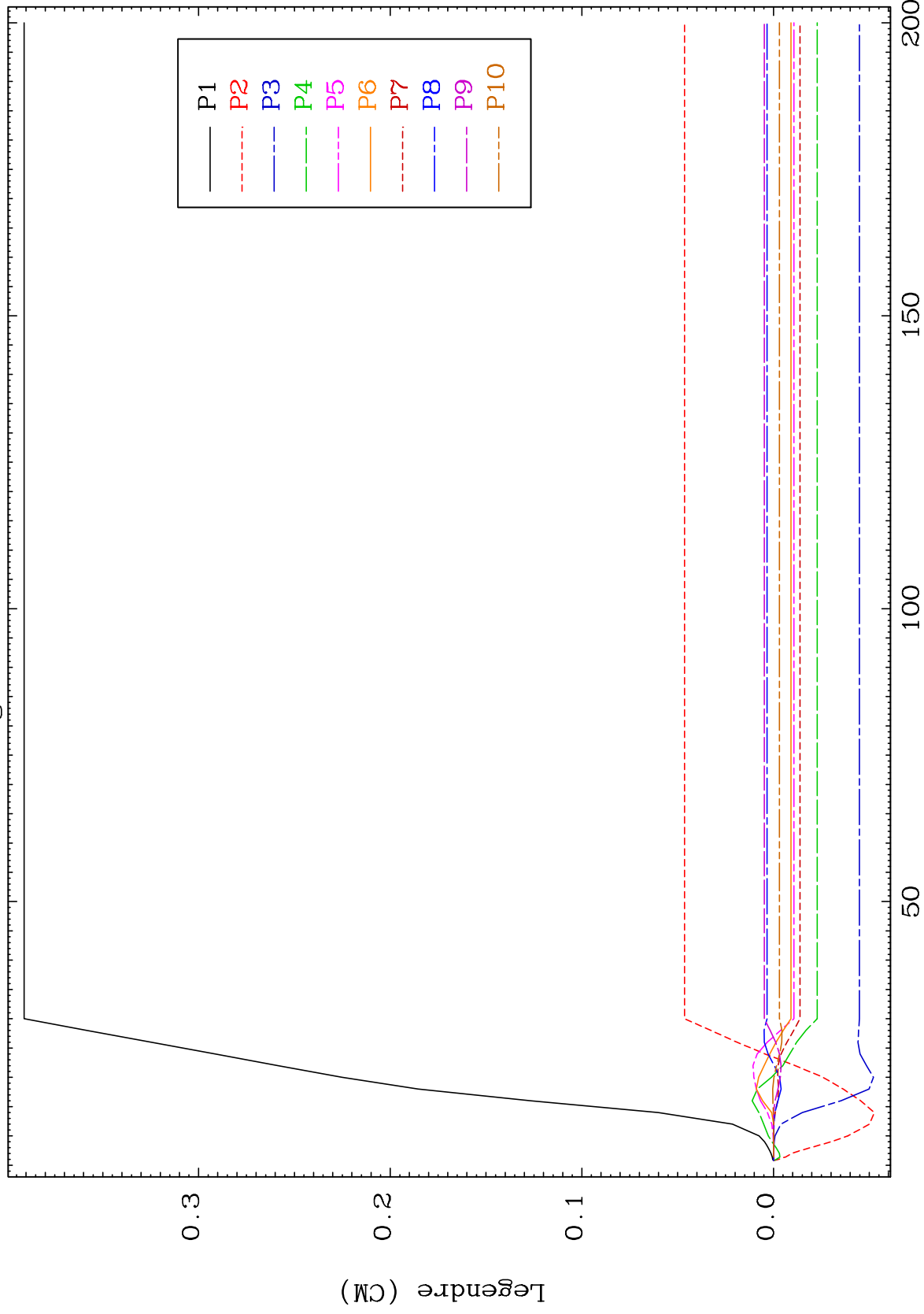
28-Ni-56



MAT 2819

MT= 60 (n,n') Level
Legendre Coefficients

28-Ni-56



44

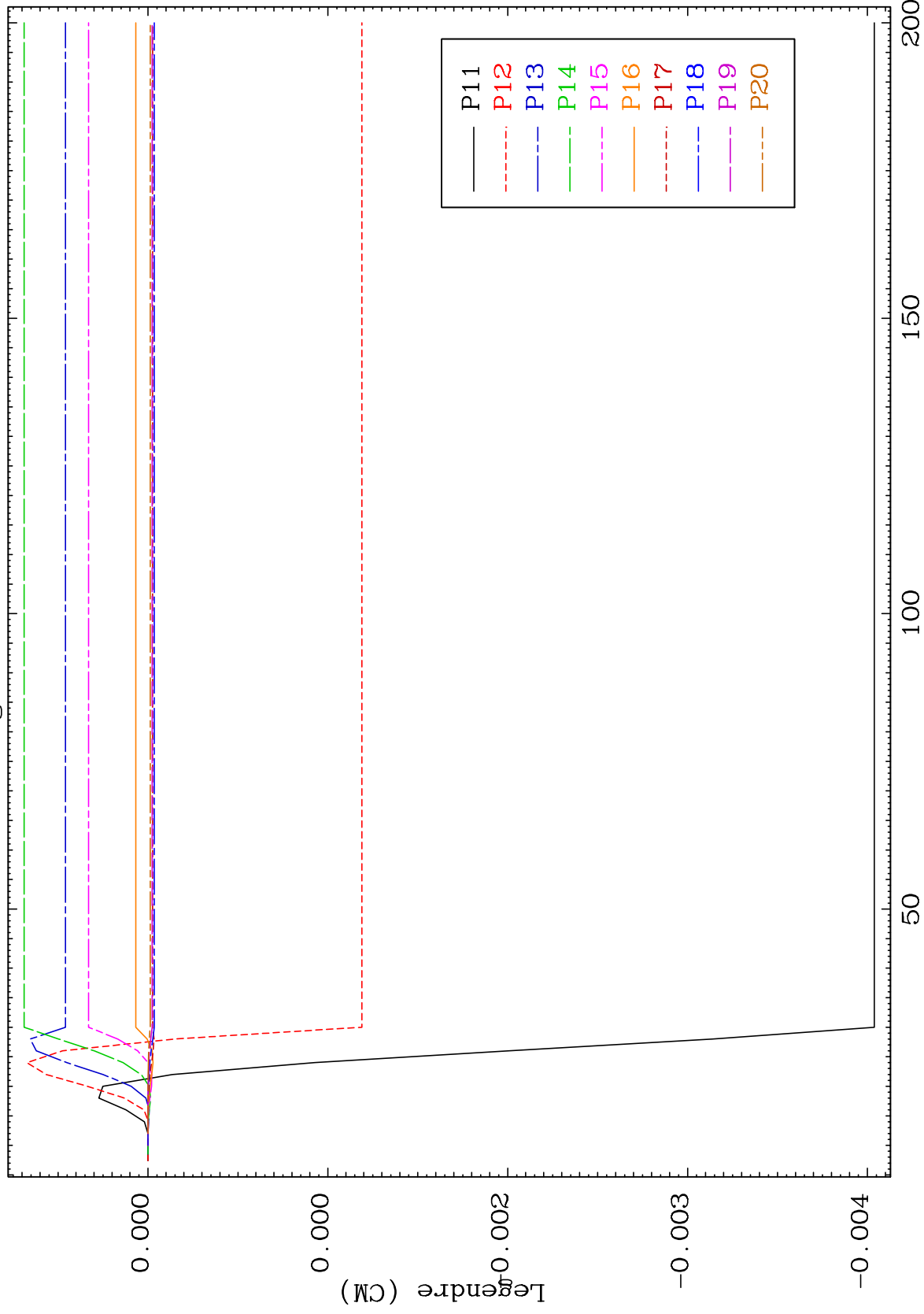
Incident Energy (MeV)

28-Ni-56

MAT 2819

MT= 60 (n,n') Level
Legendre Coefficients

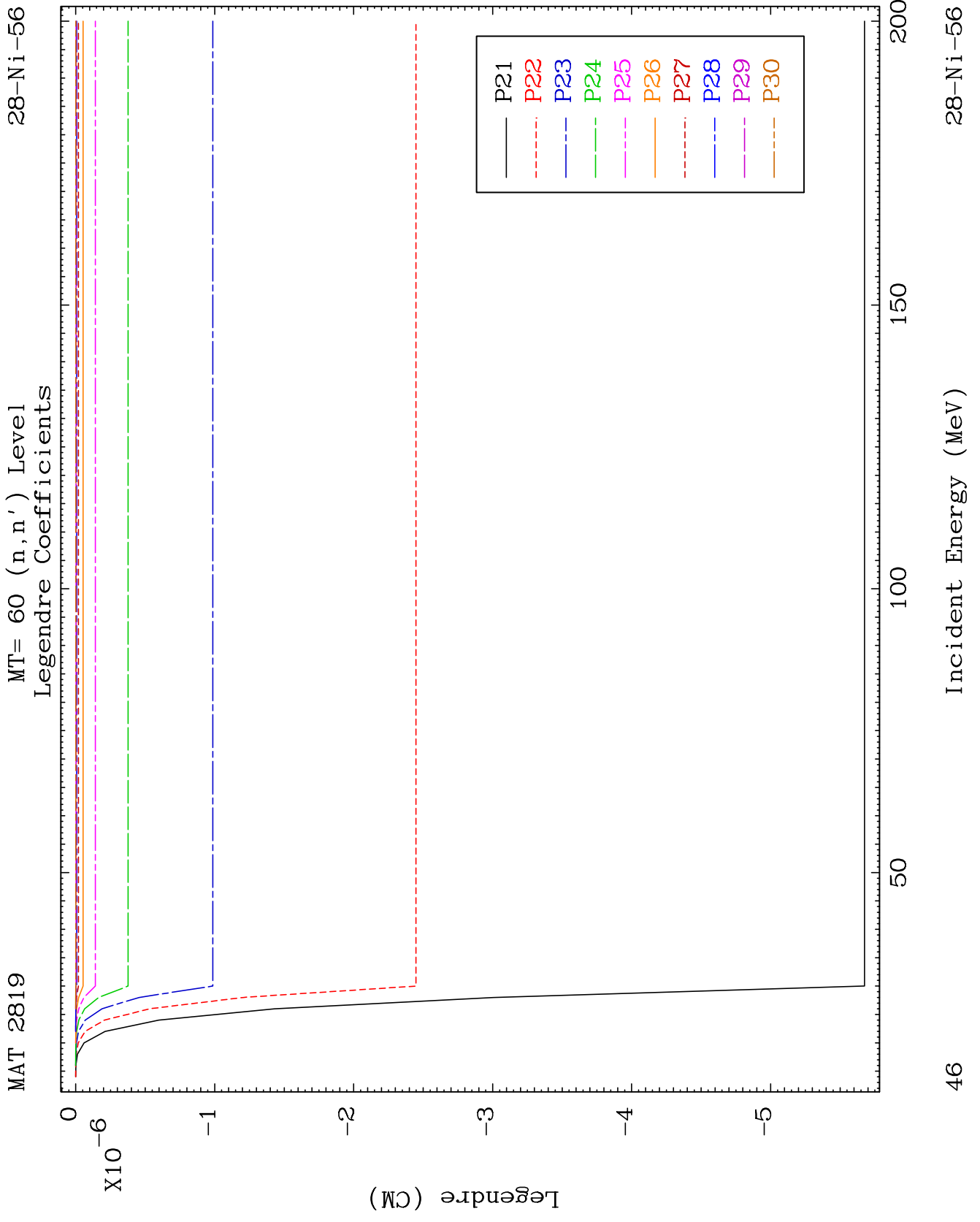
28-Ni-56



45

Incident Energy (MeV)

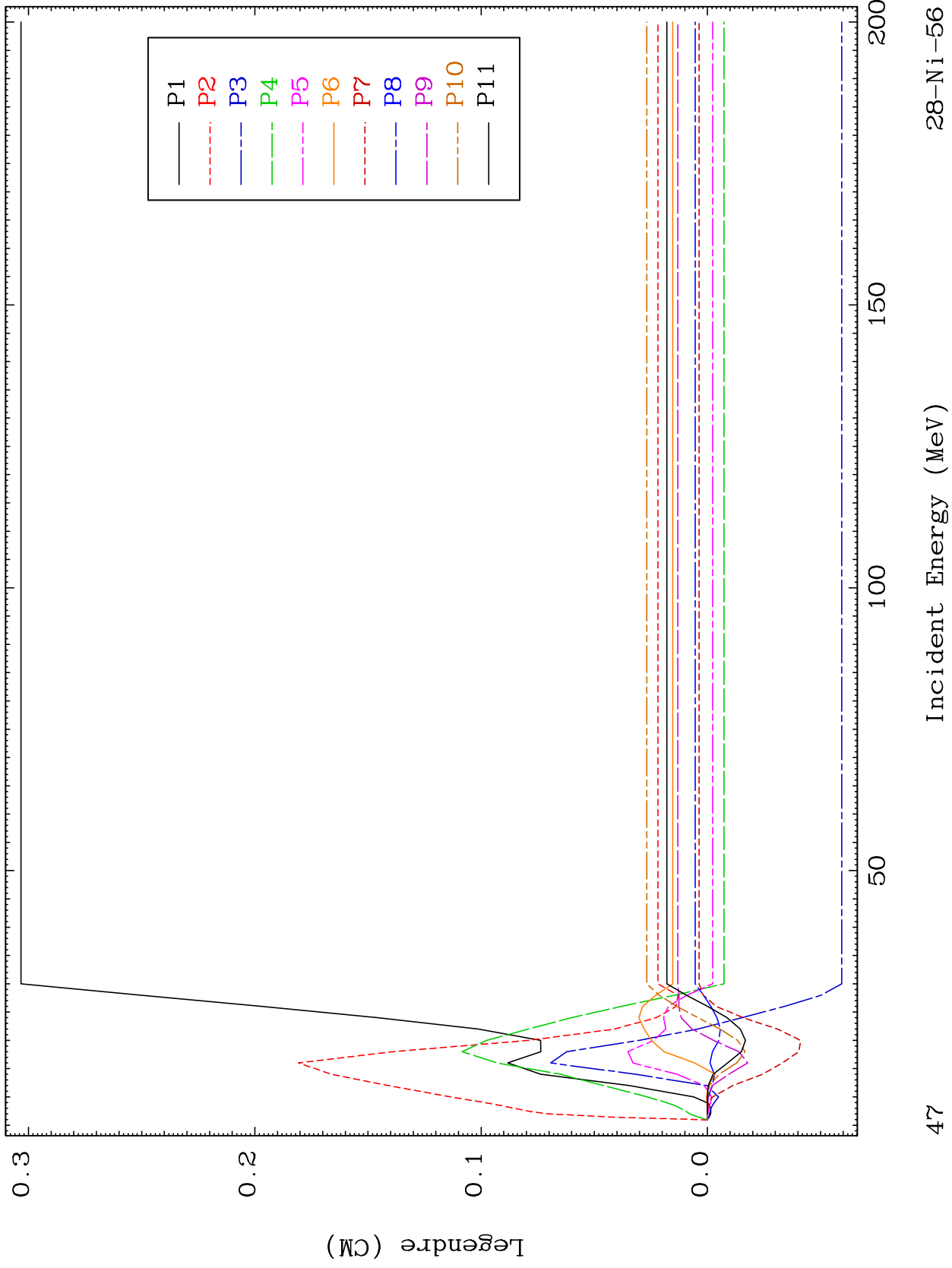
28-Ni-56



MAT 2819

MT= 61 (n,n') Level
Legendre Coefficients

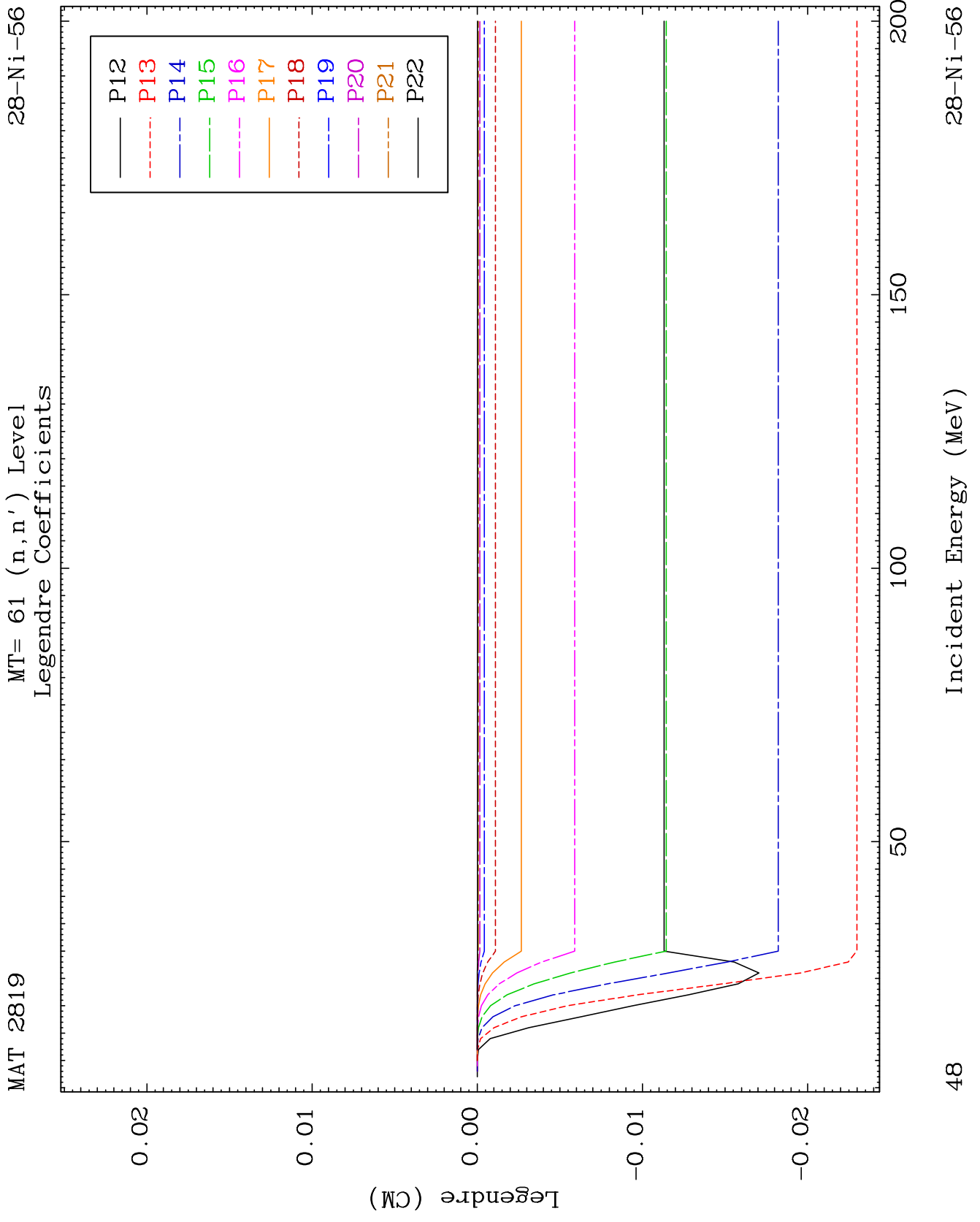
28-Ni-56



47

Incident Energy (MeV)

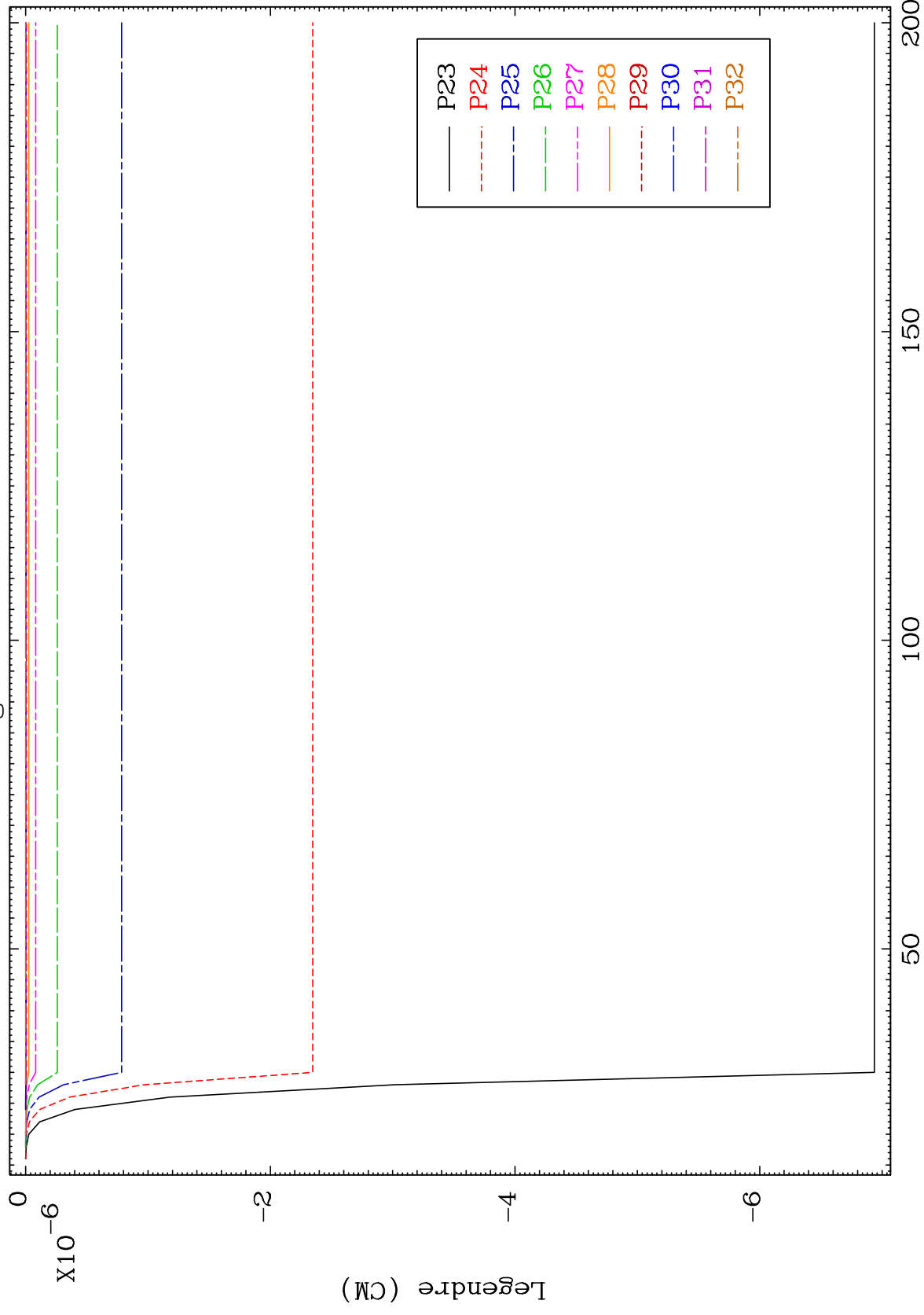
28-Ni-56



MAT 2819

MT= 61 (n,n') Level
Legendre Coefficients

28-Ni-56



49

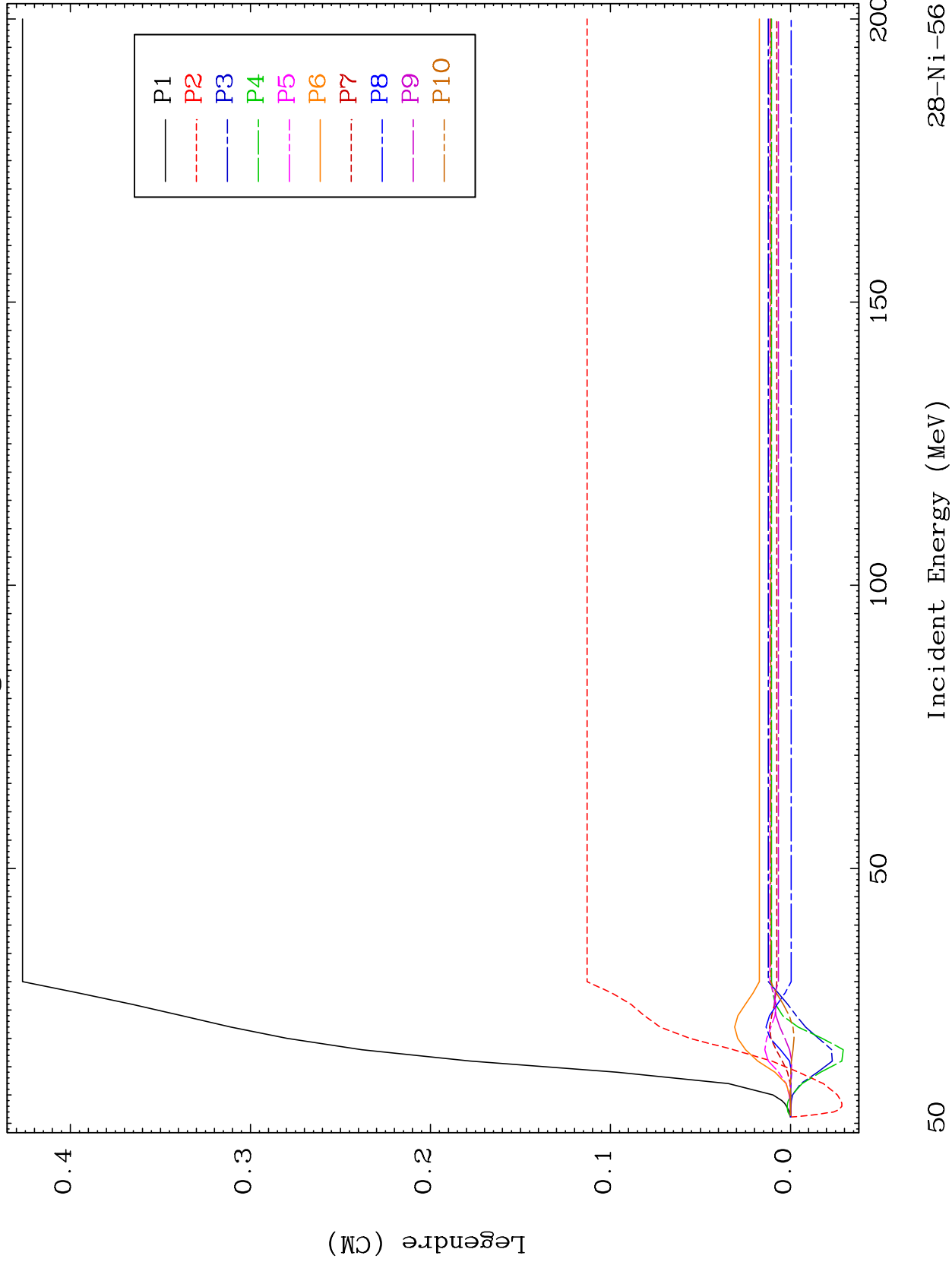
Incident Energy (MeV)

28-Ni-56

MAT 2819

MT= 62 (n,n') Level
Legendre Coefficients

28-Ni-56

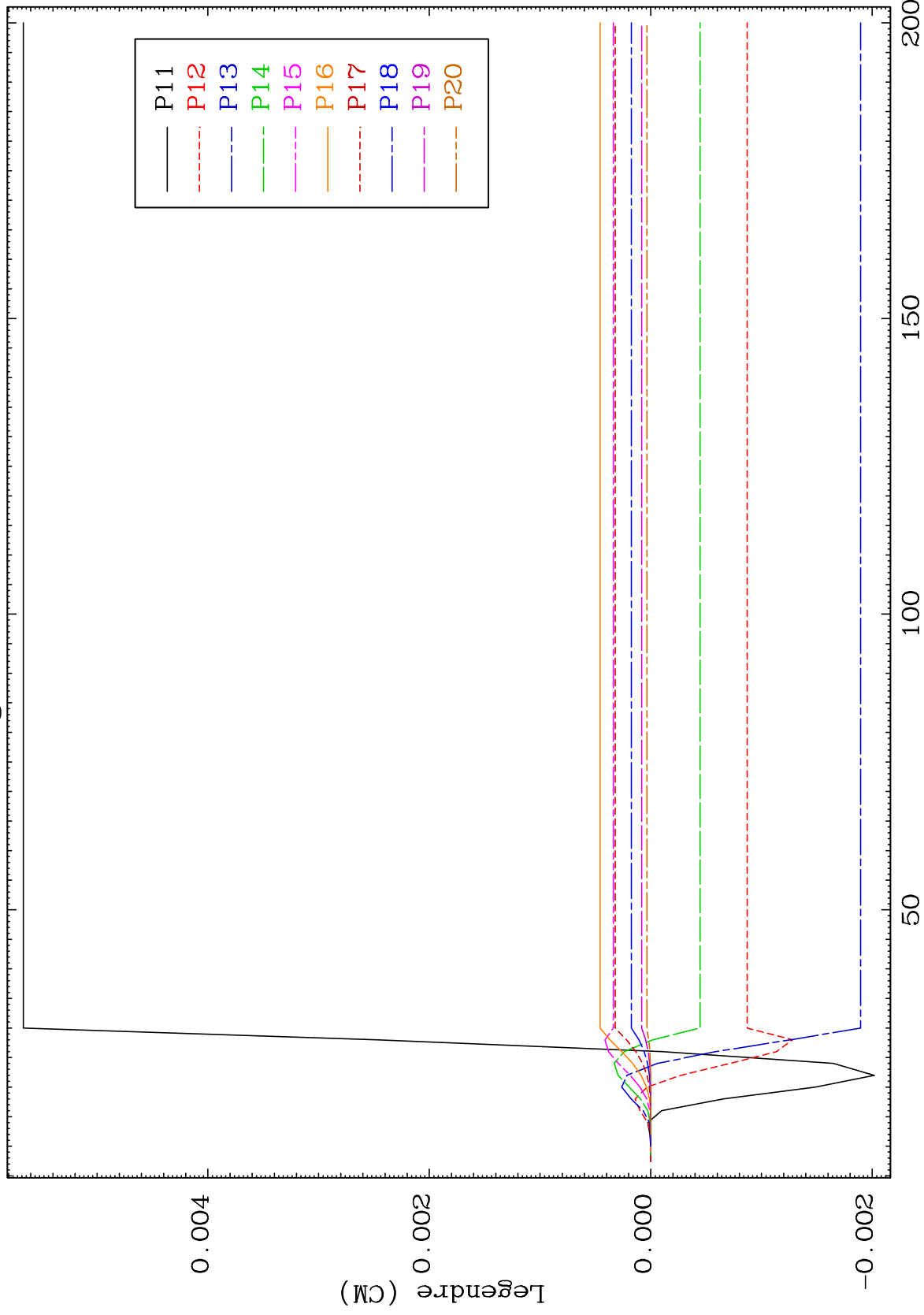


28-Ni-56

MAT 2819

MT= 62 (n,n') Level
Legendre Coefficients

28-Ni-56



51

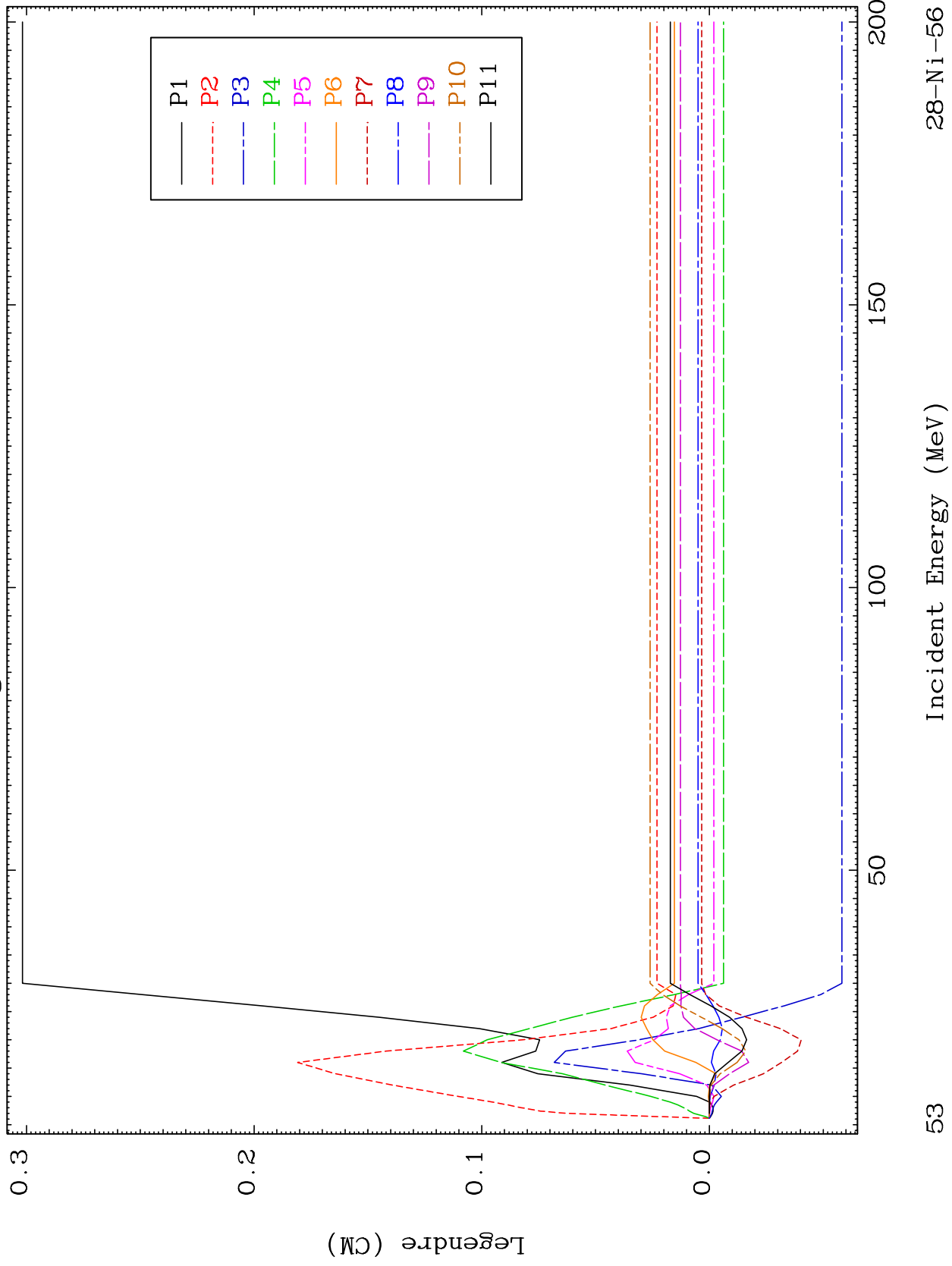
Incident Energy (MeV)

28-Ni-56

MAT 2819

MT= 63 (n,n') Level
Legendre Coefficients

28-Ni-56



53

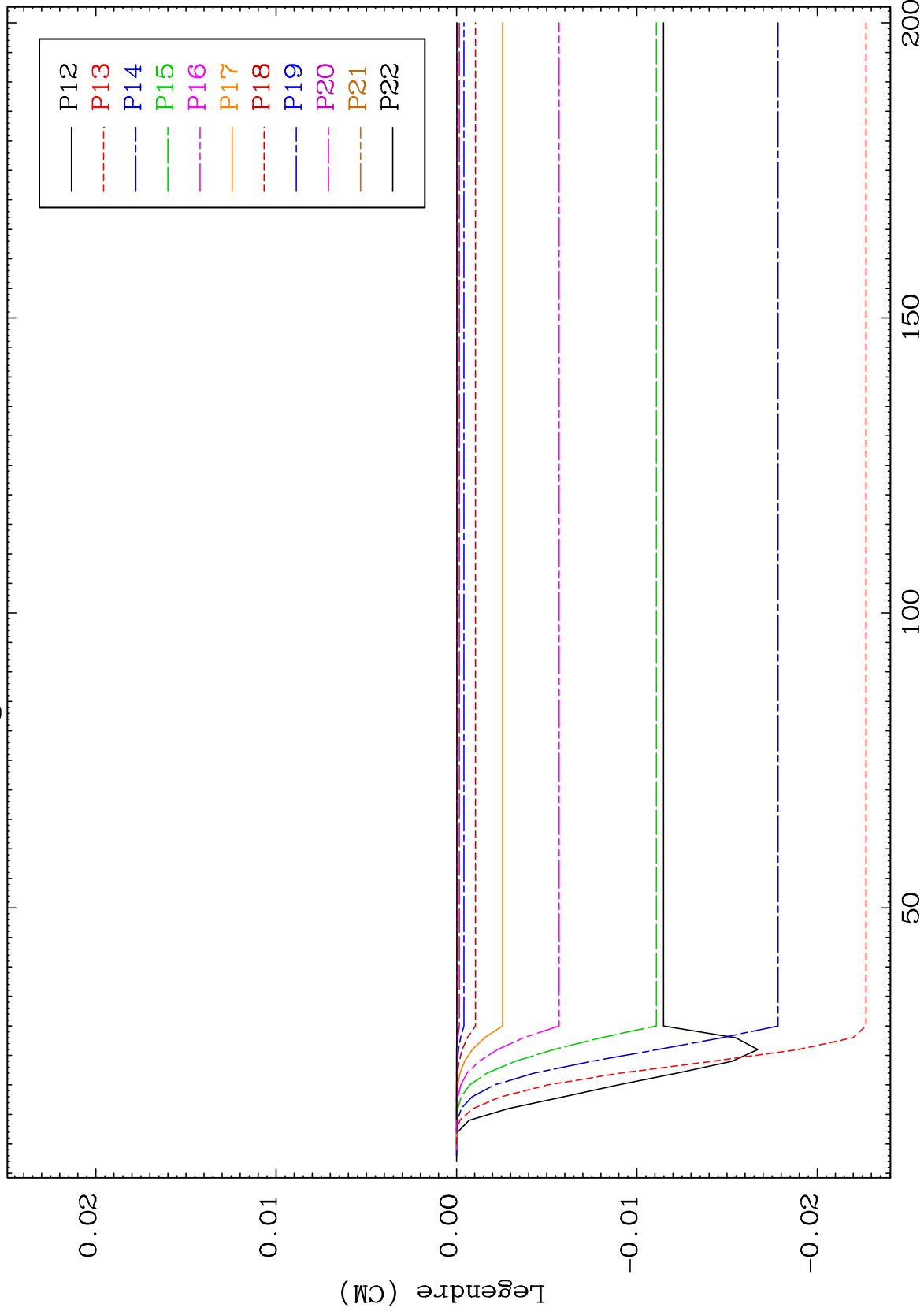
Incident Energy (MeV)

28-Ni-56

MAT 2819

MT= 63 (n,n') Level
Legendre Coefficients

28-Ni-56



54

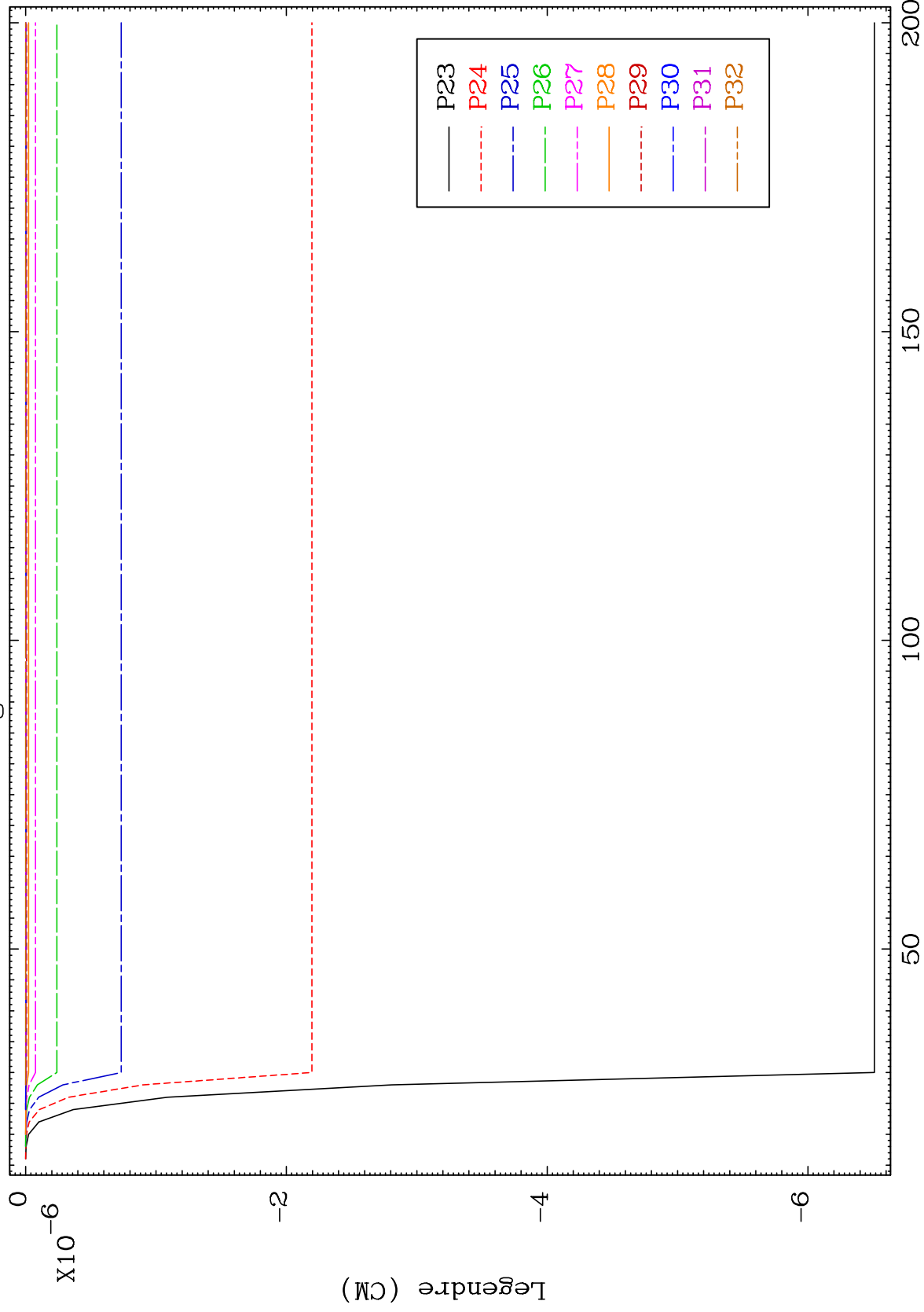
Incident Energy (MeV)

28-Ni-56

MAT 2819

MT= 63 (n,n') Level
Legendre Coefficients

28-Ni-56



55

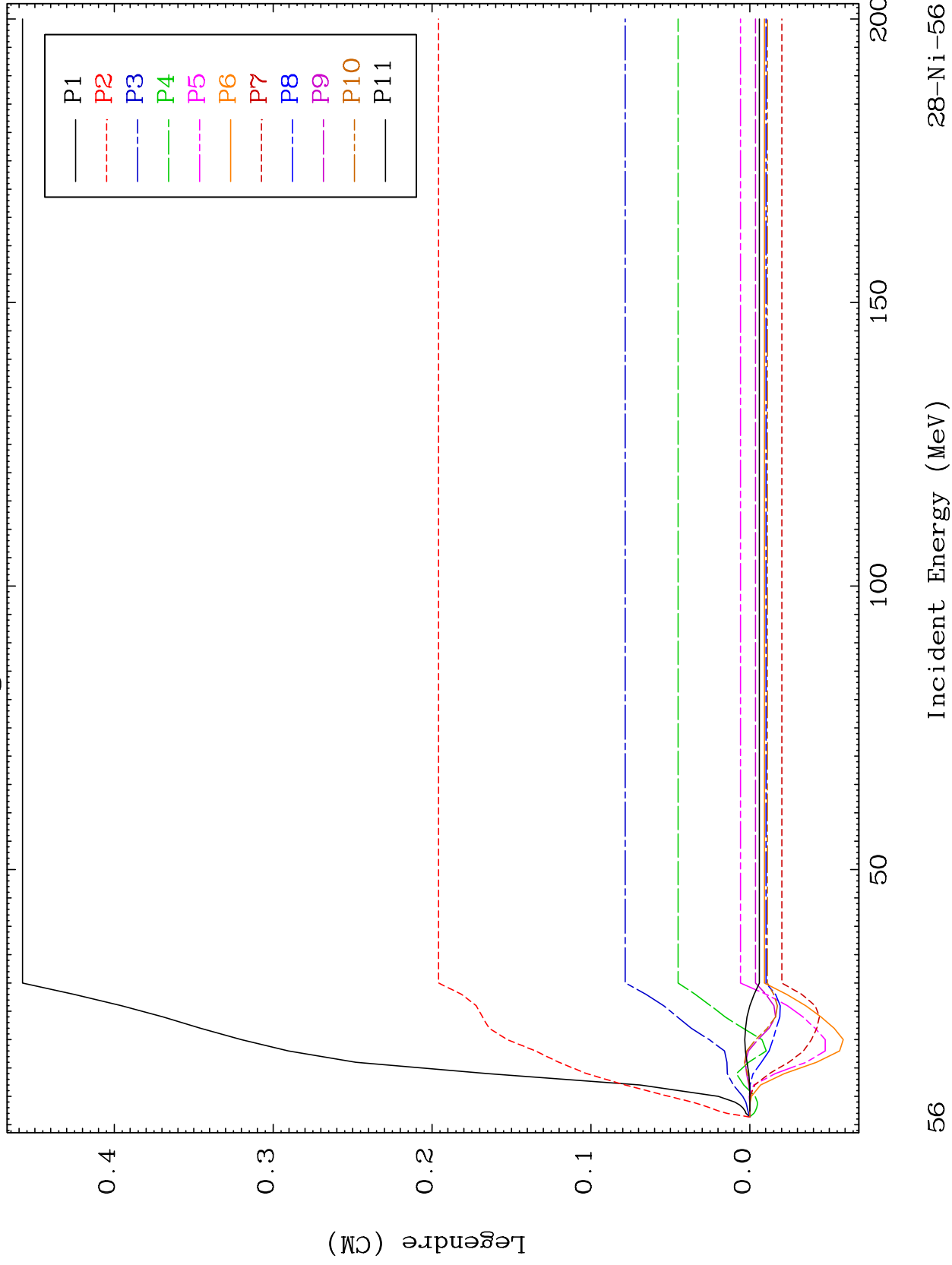
Incident Energy (MeV)

28-Ni-56

MAT 2819

MT= 64 (n,n') Level
Legendre Coefficients

28-Ni-56



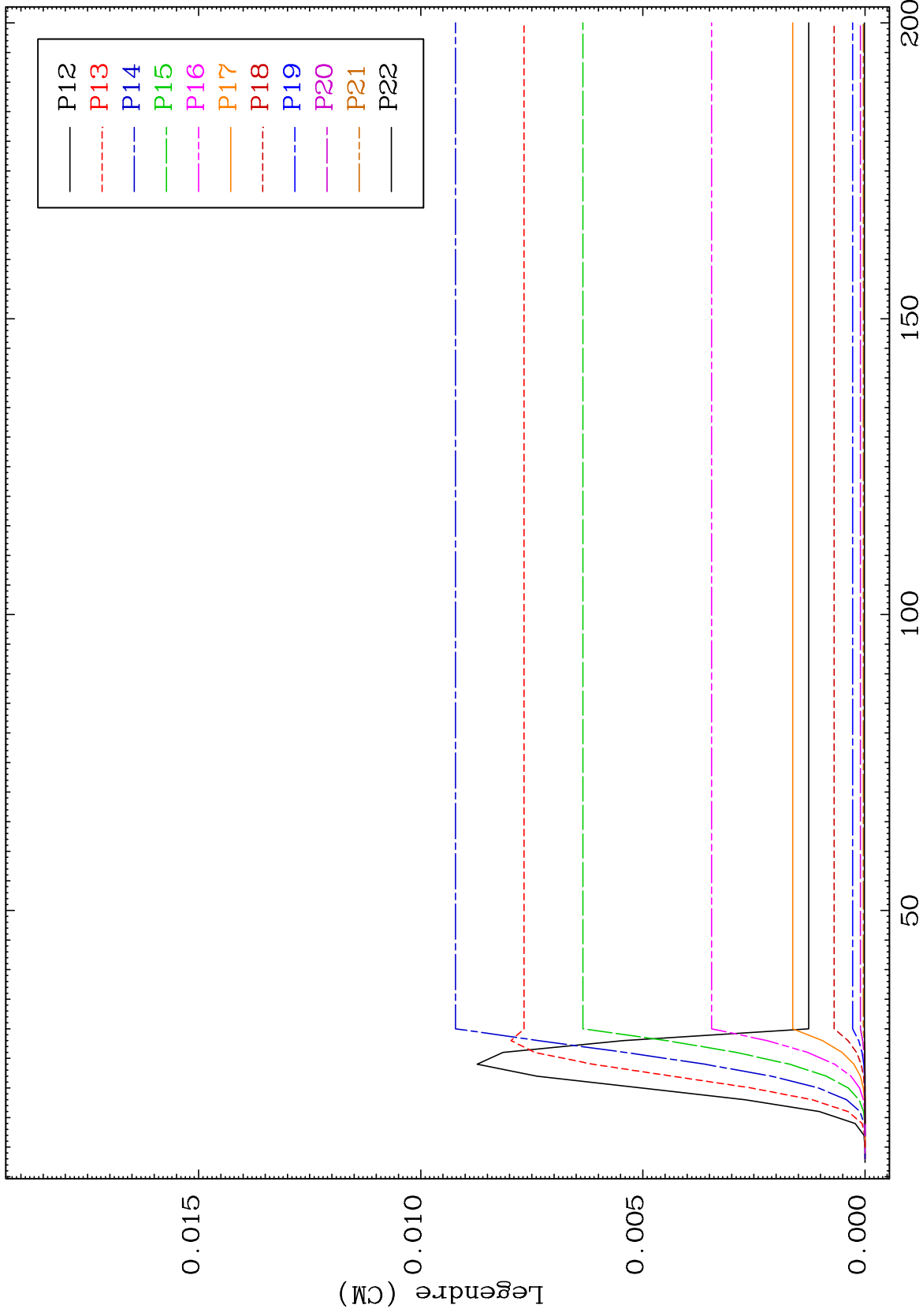
56

28-Ni-56

MAT 2819

MT= 64 (n,n') Level
Legendre Coefficients

28-Ni-56



57

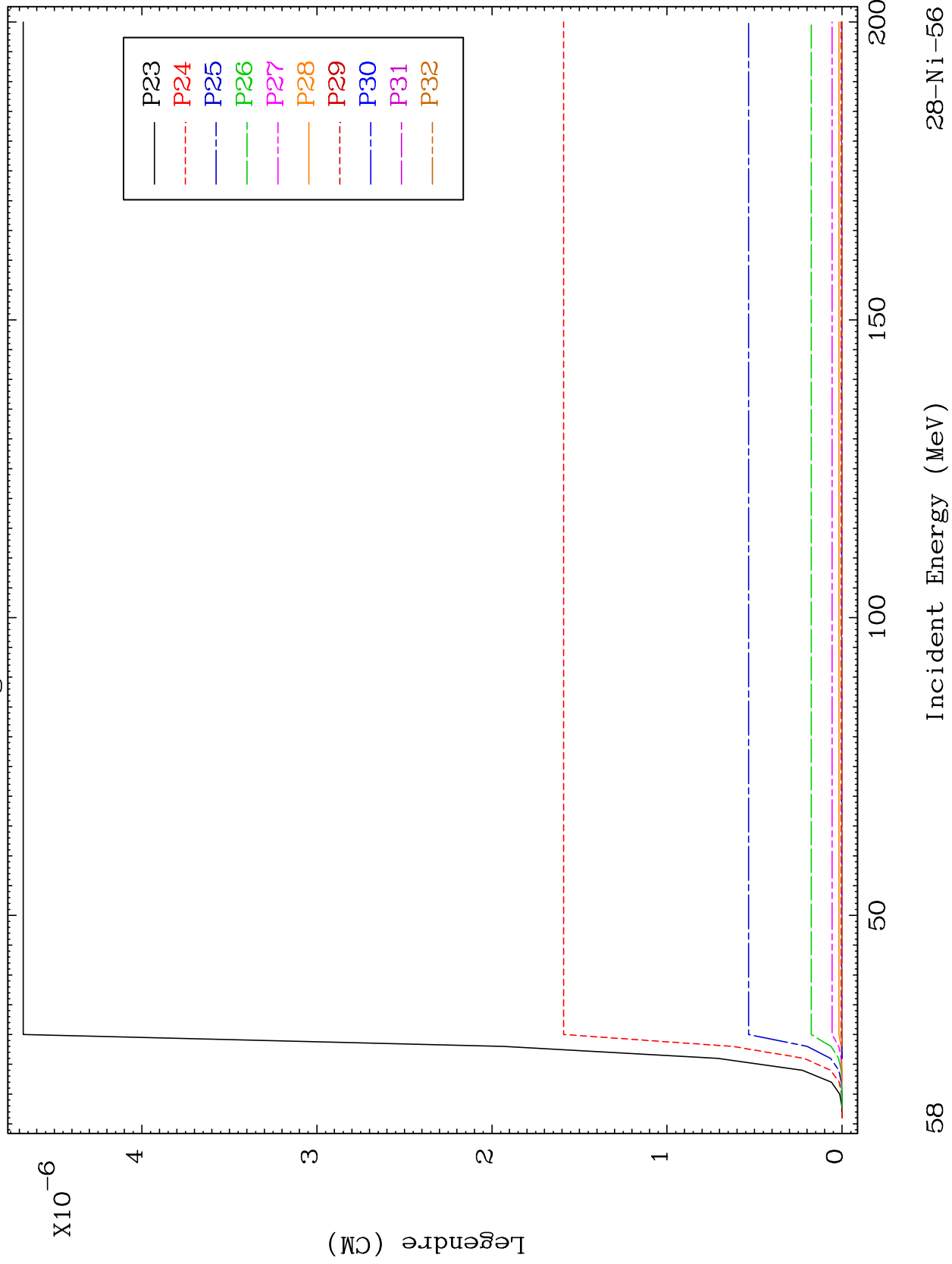
Incident Energy (MeV)

28-Ni-56

MAT 2819

MT= 64 (n,n') Level
Legendre Coefficients

28-Ni-56



58

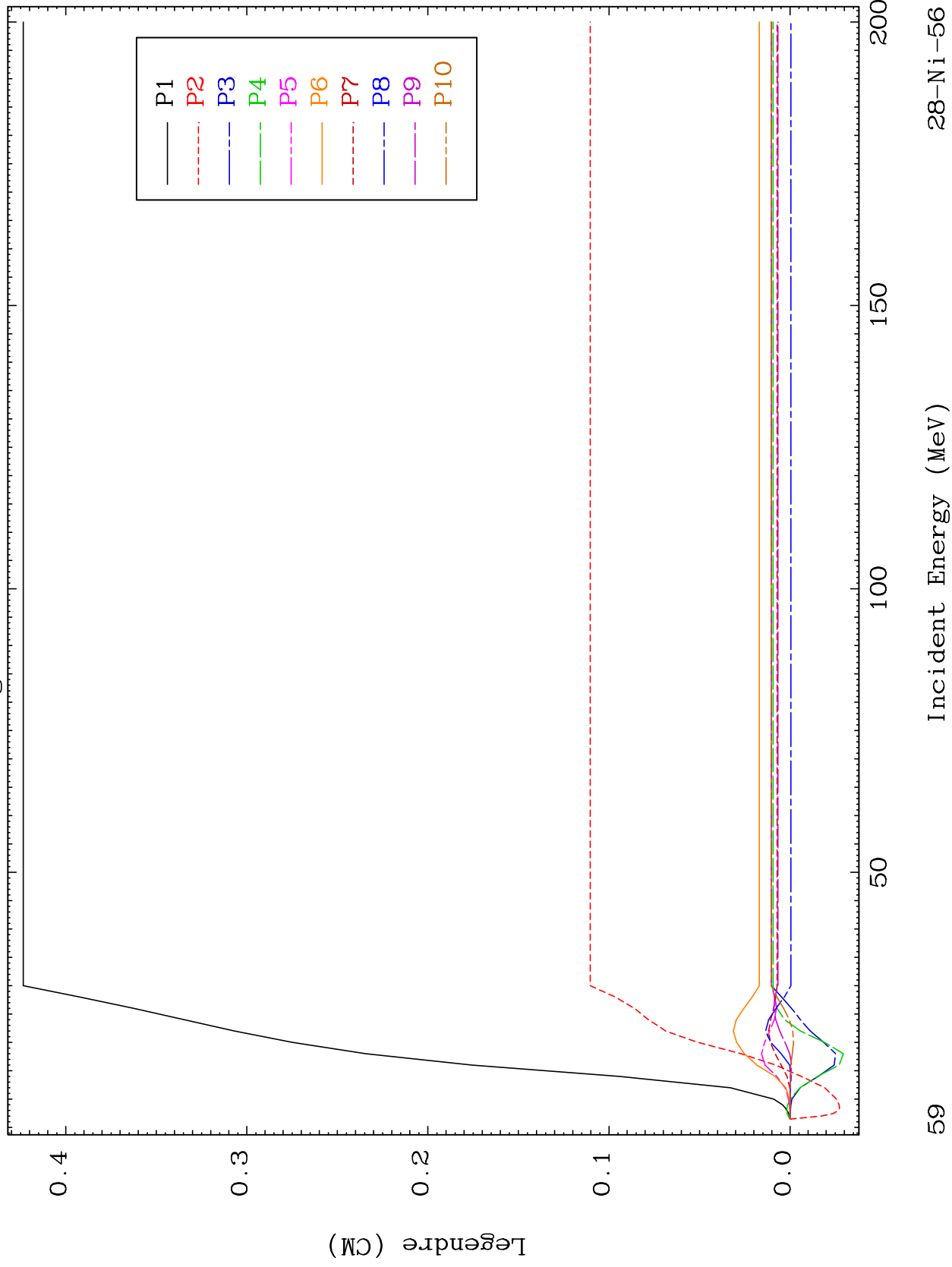
Incident Energy (MeV)

28-Ni-56

MAT 2819

MT= 65 (n,n') Level
Legendre Coefficients

28-Ni-56



59

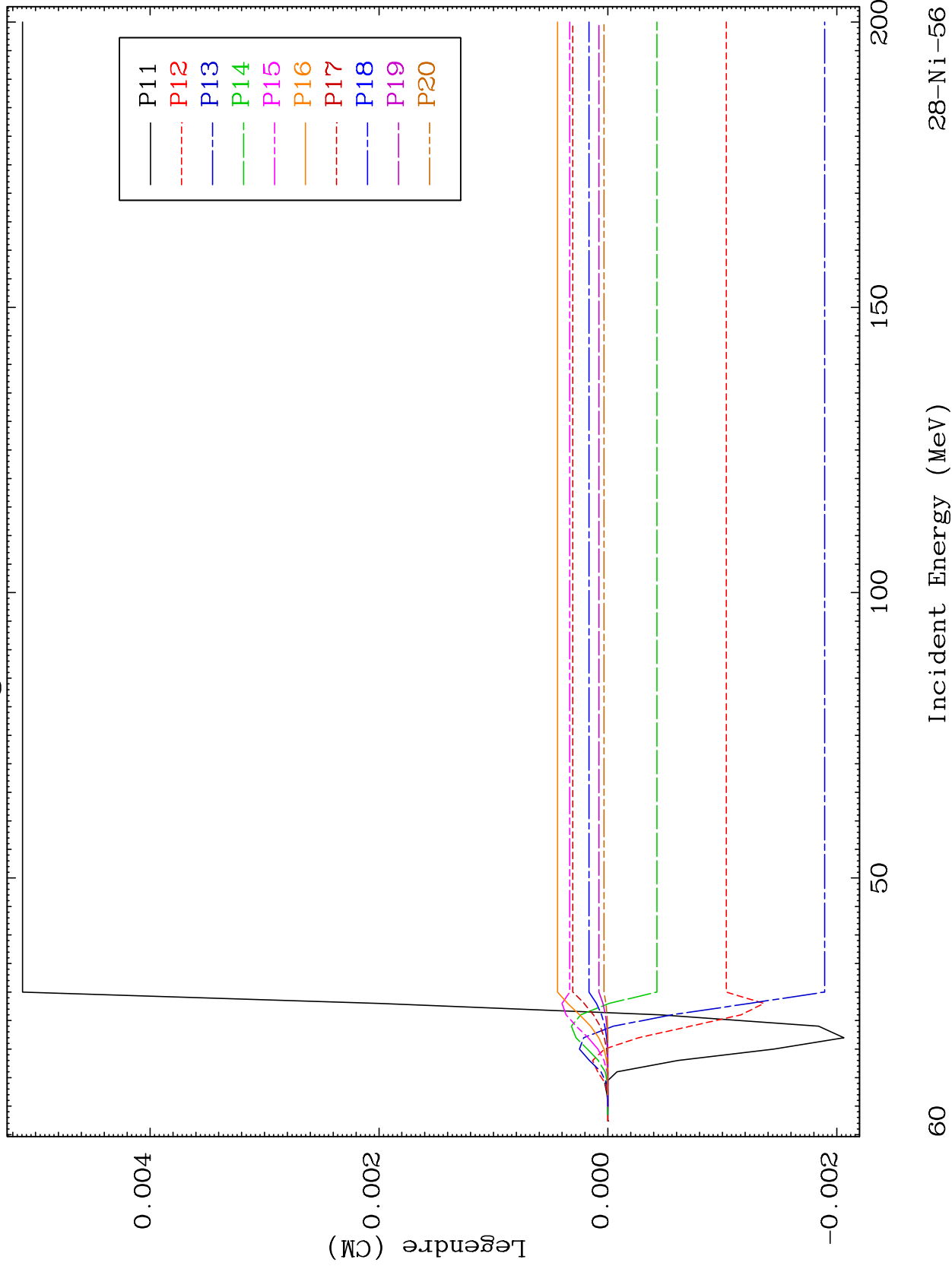
Incident Energy (MeV)

28-Ni-56

MAT 2819

MT= 65 (n,n') Level
Legendre Coefficients

28-Ni-56



28-Ni-56

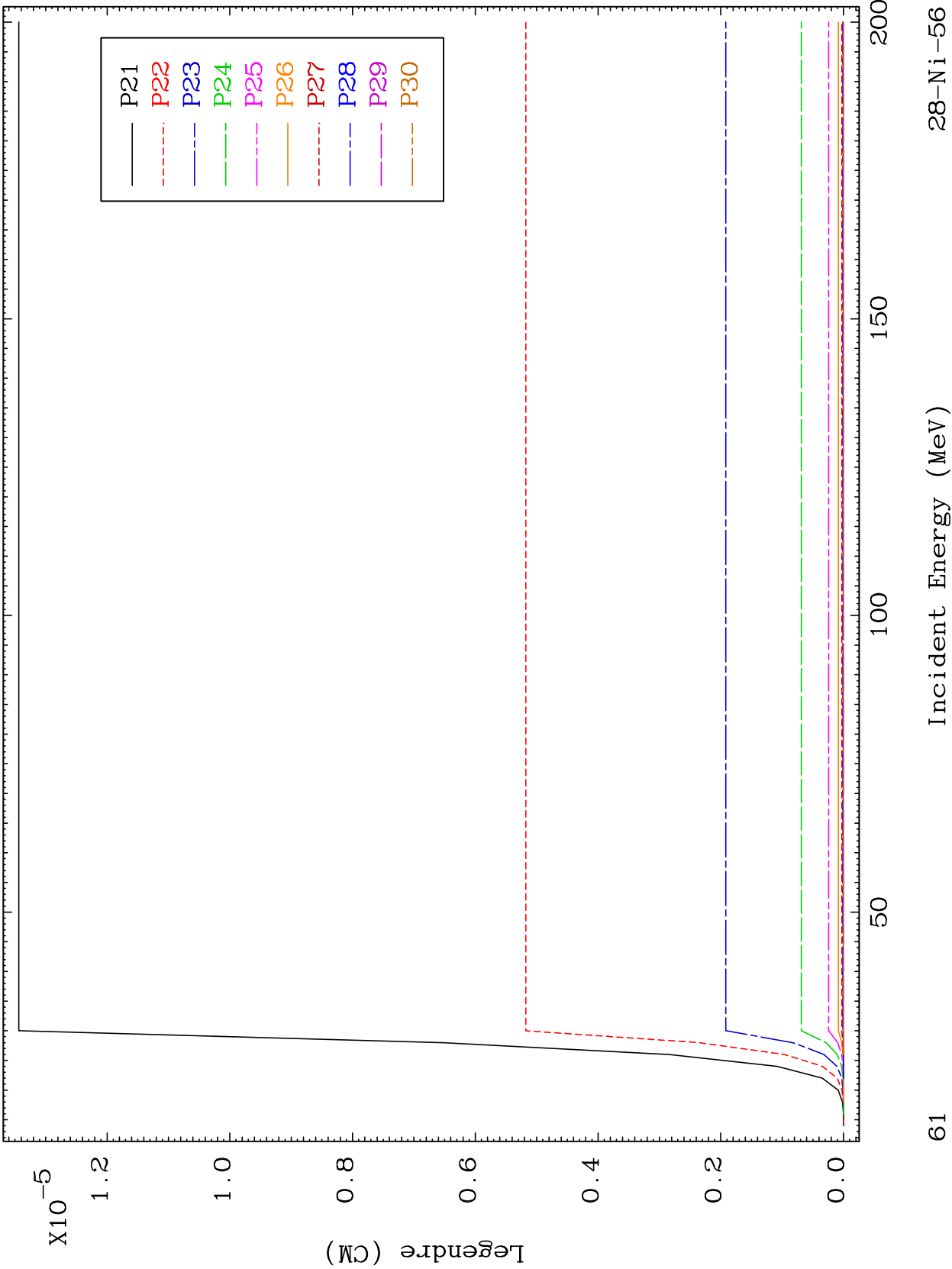
Incident Energy (MeV)

60

MAT 2819

MT= 65 (n,n') Level
Legendre Coefficients

28-Ni-56



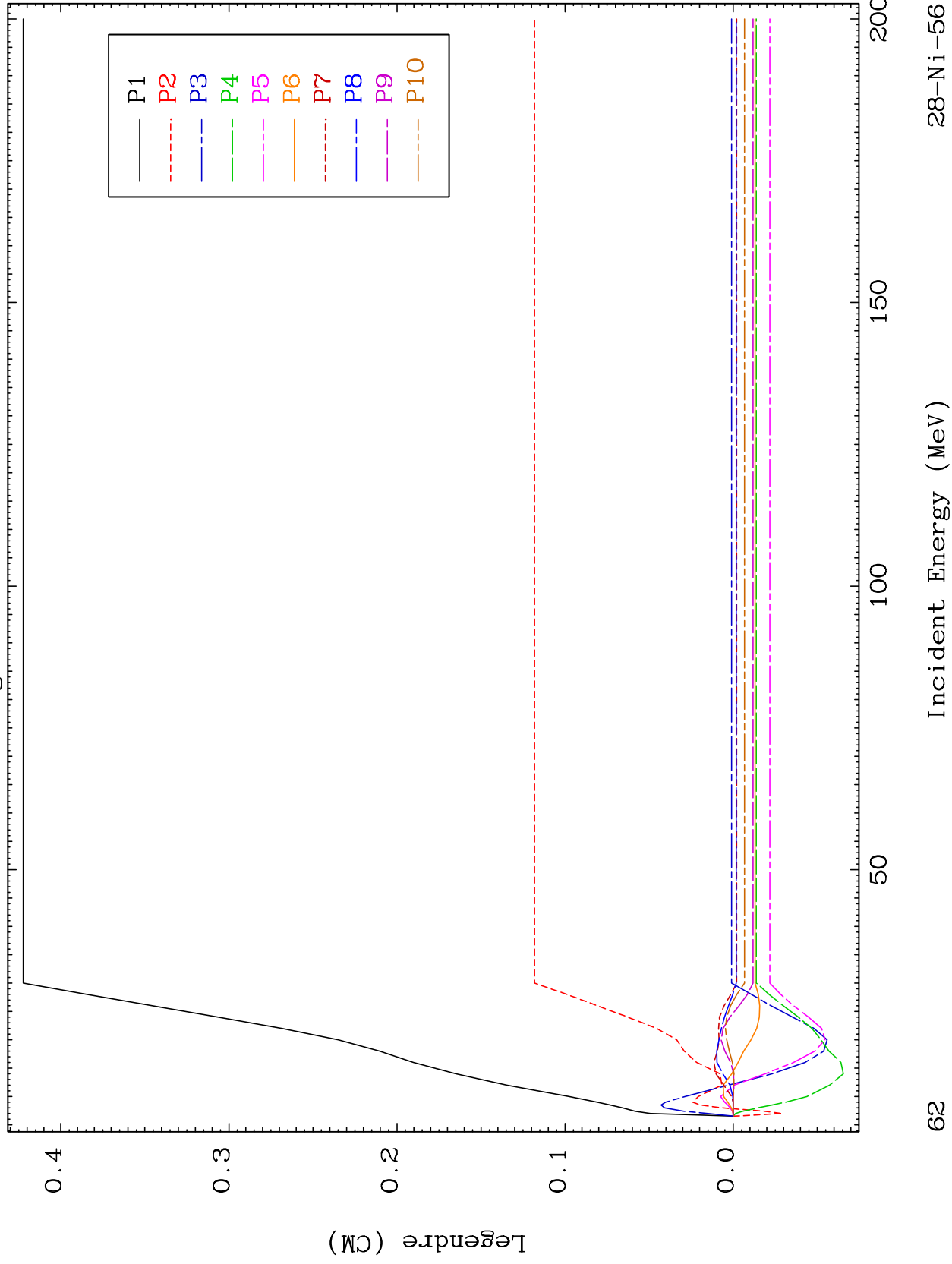
61

28-Ni-56

MAT 2819

MT= 66 (n,n') Level
Legendre Coefficients

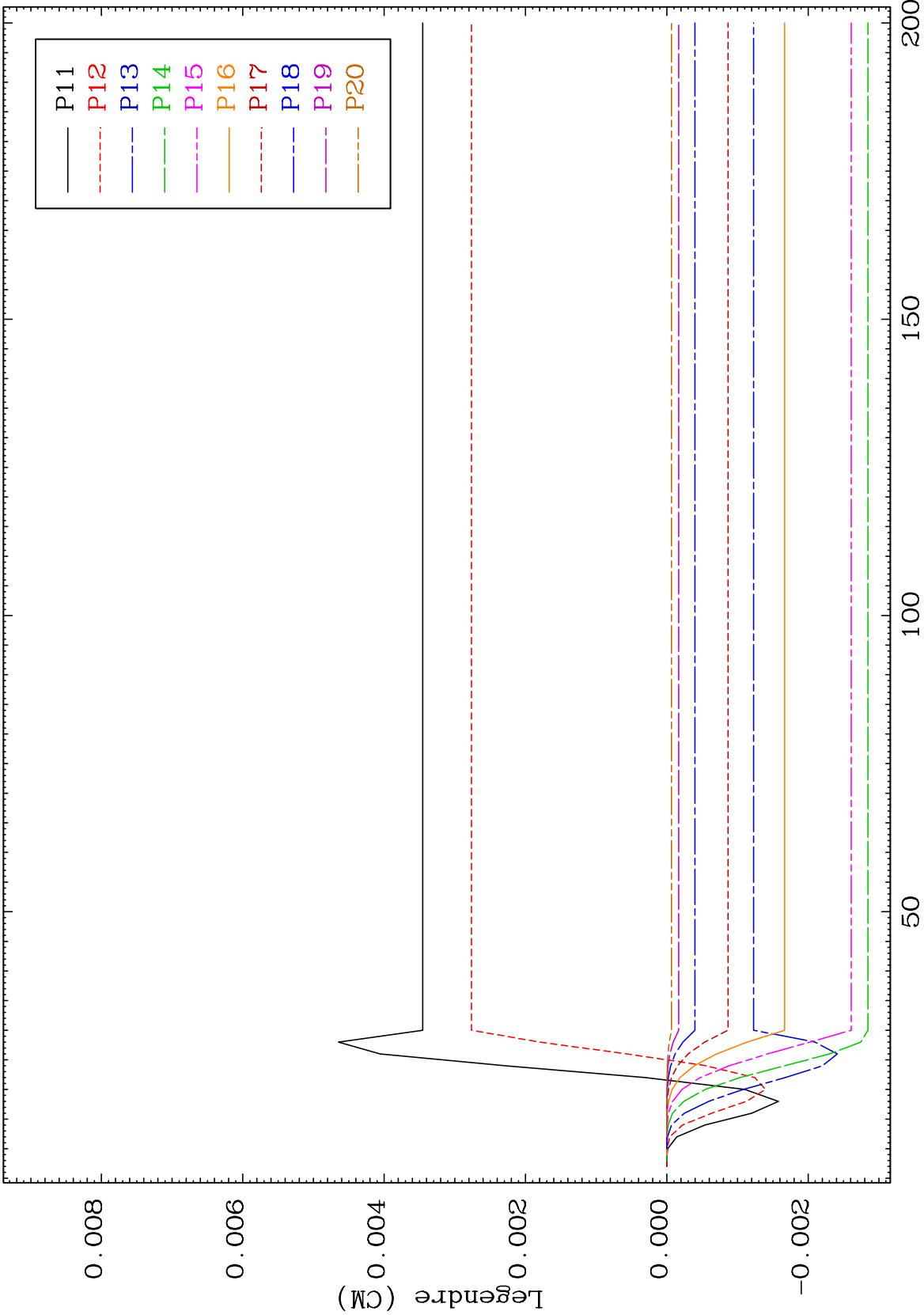
28-Ni-56



MAT 2819

MT= 66 (n,n') Level
Legendre Coefficients

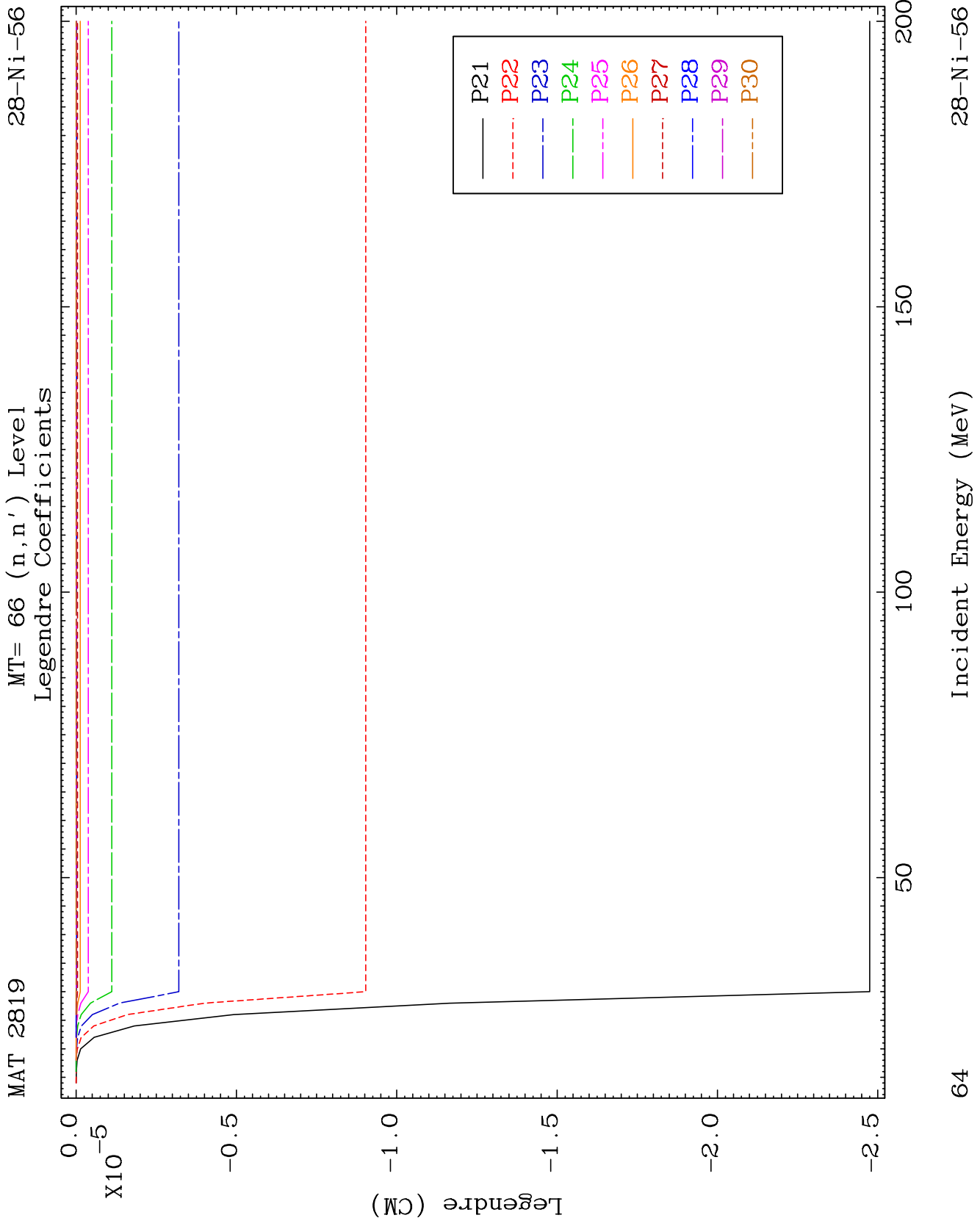
28-Ni-56



63

Incident Energy (MeV)

28-Ni-56

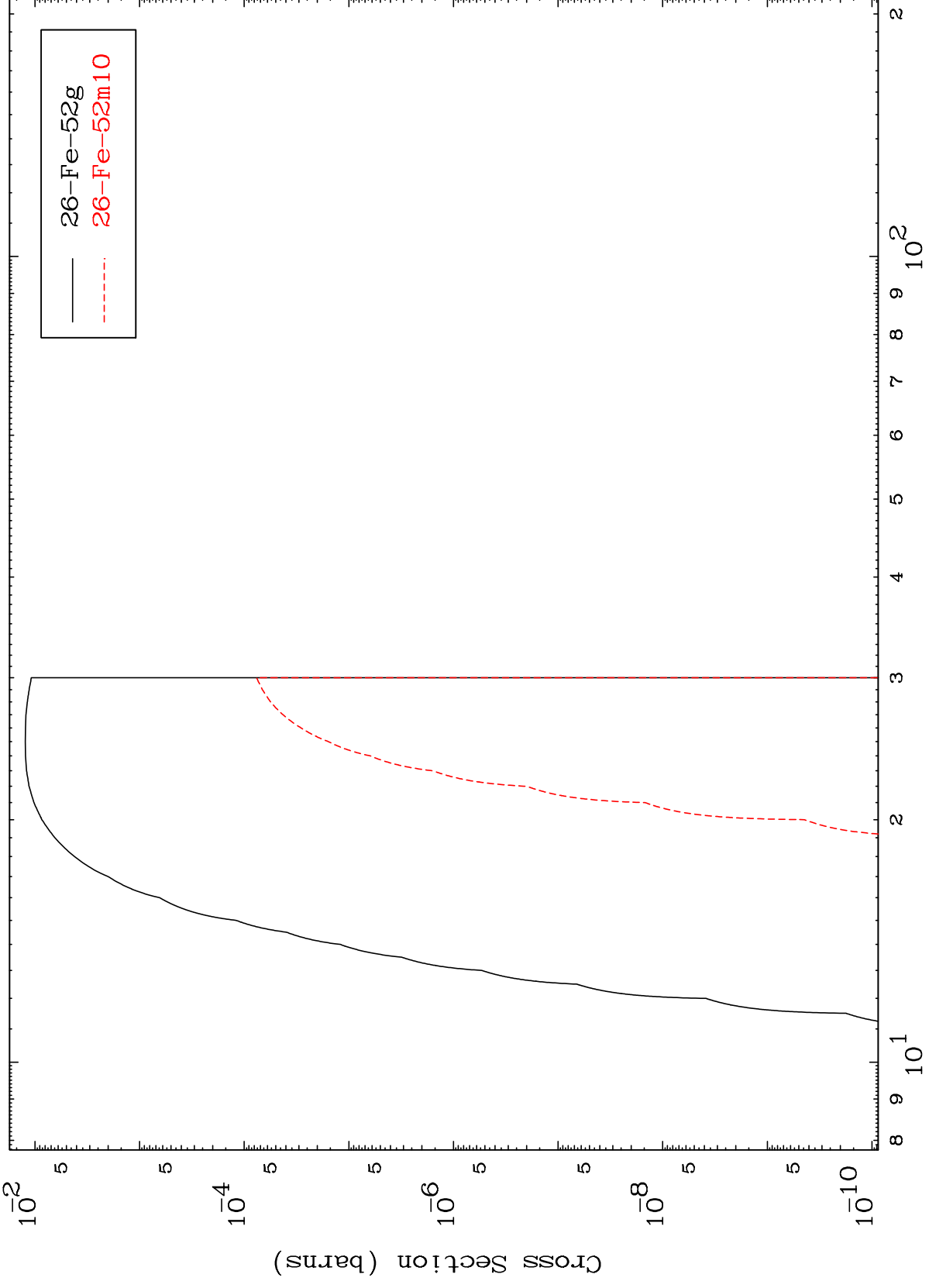


MAT 2819

$(n, n') \alpha$

28-Ni-56

Radionuclide Production Cross Section

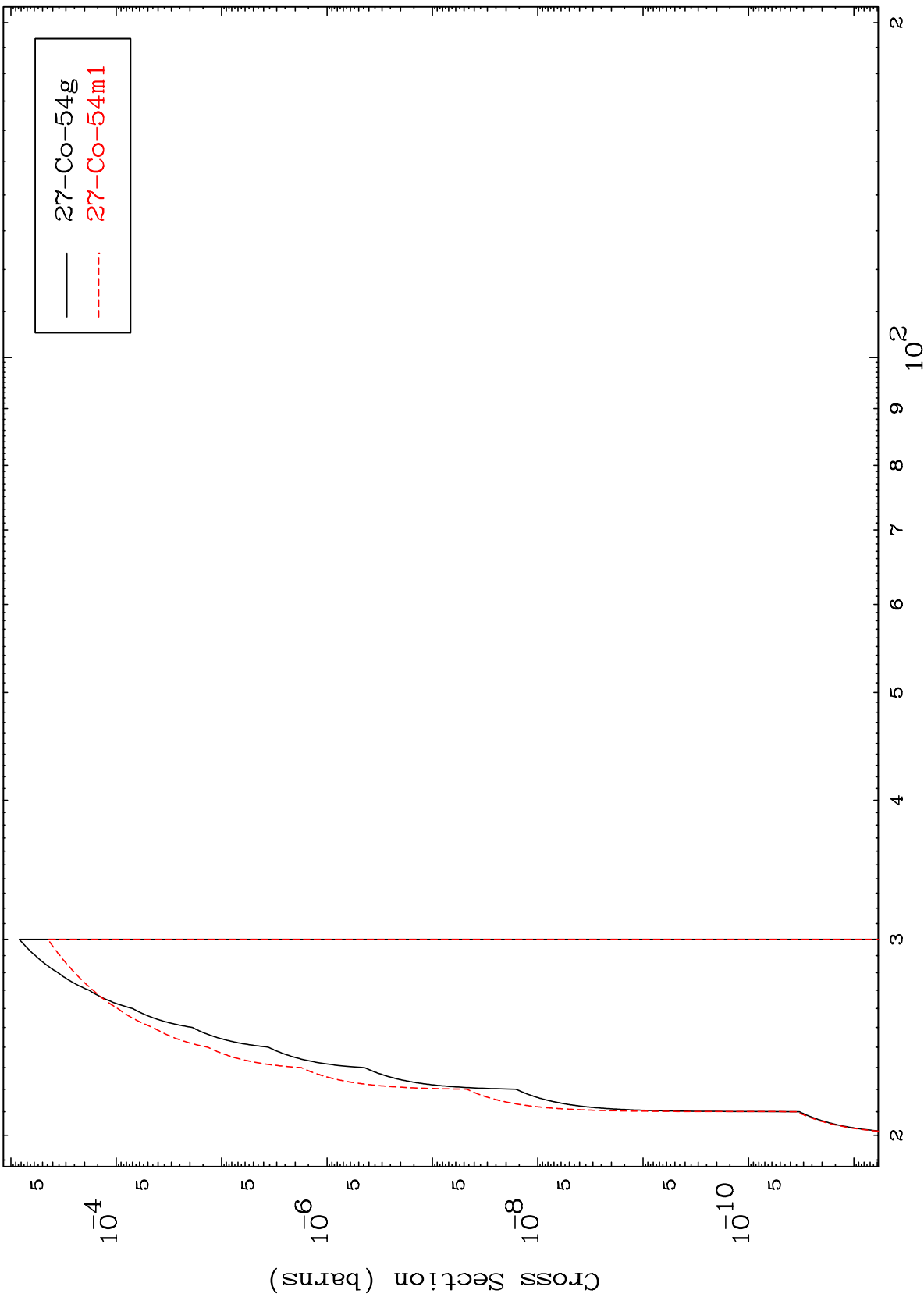


65

Incident Energy (MeV)

28-Ni-56

Radionuclide Production Cross Section

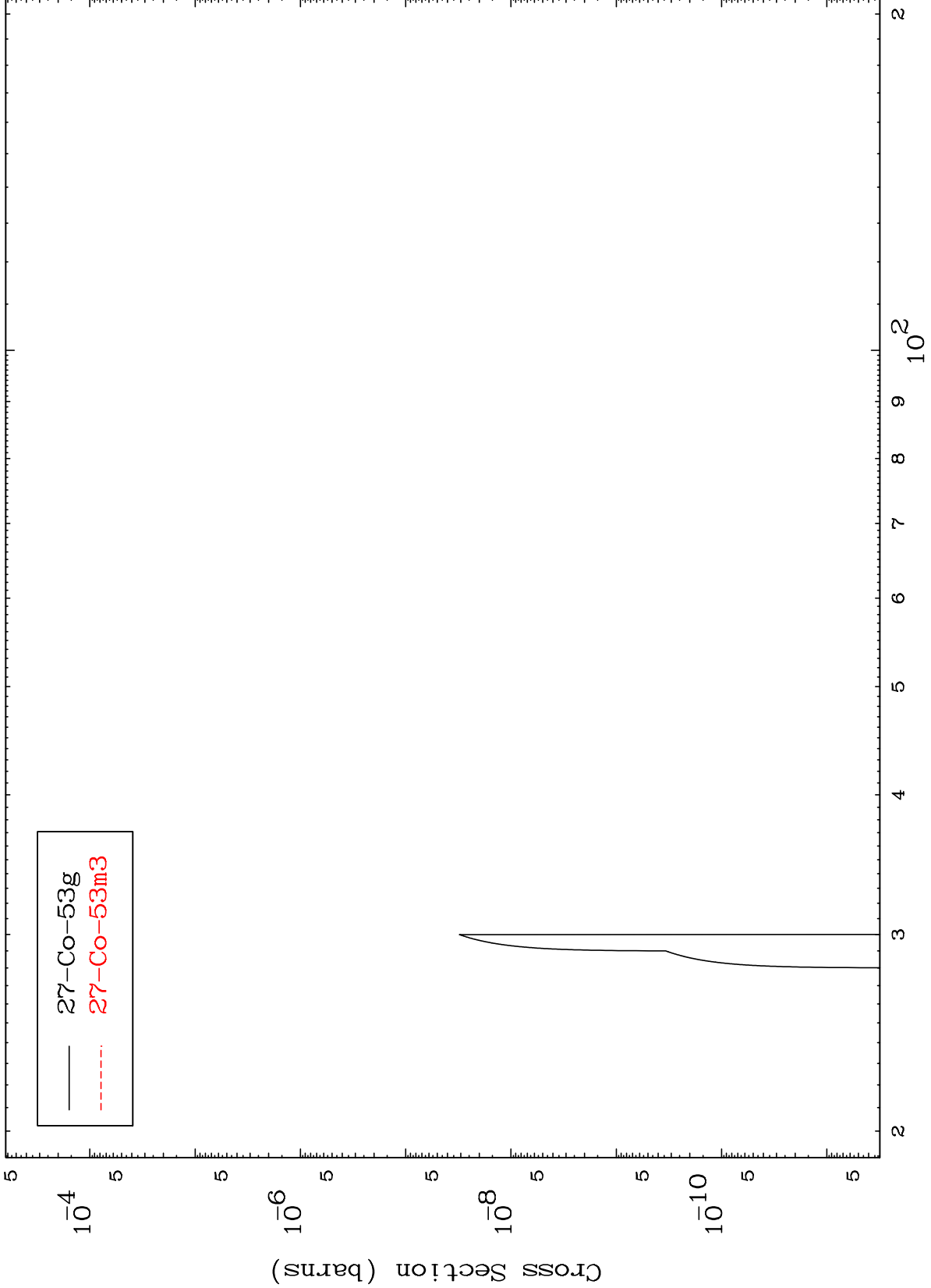


MAT 2819

(n,n') t

28-Ni-56

Radionuclide Production Cross Section

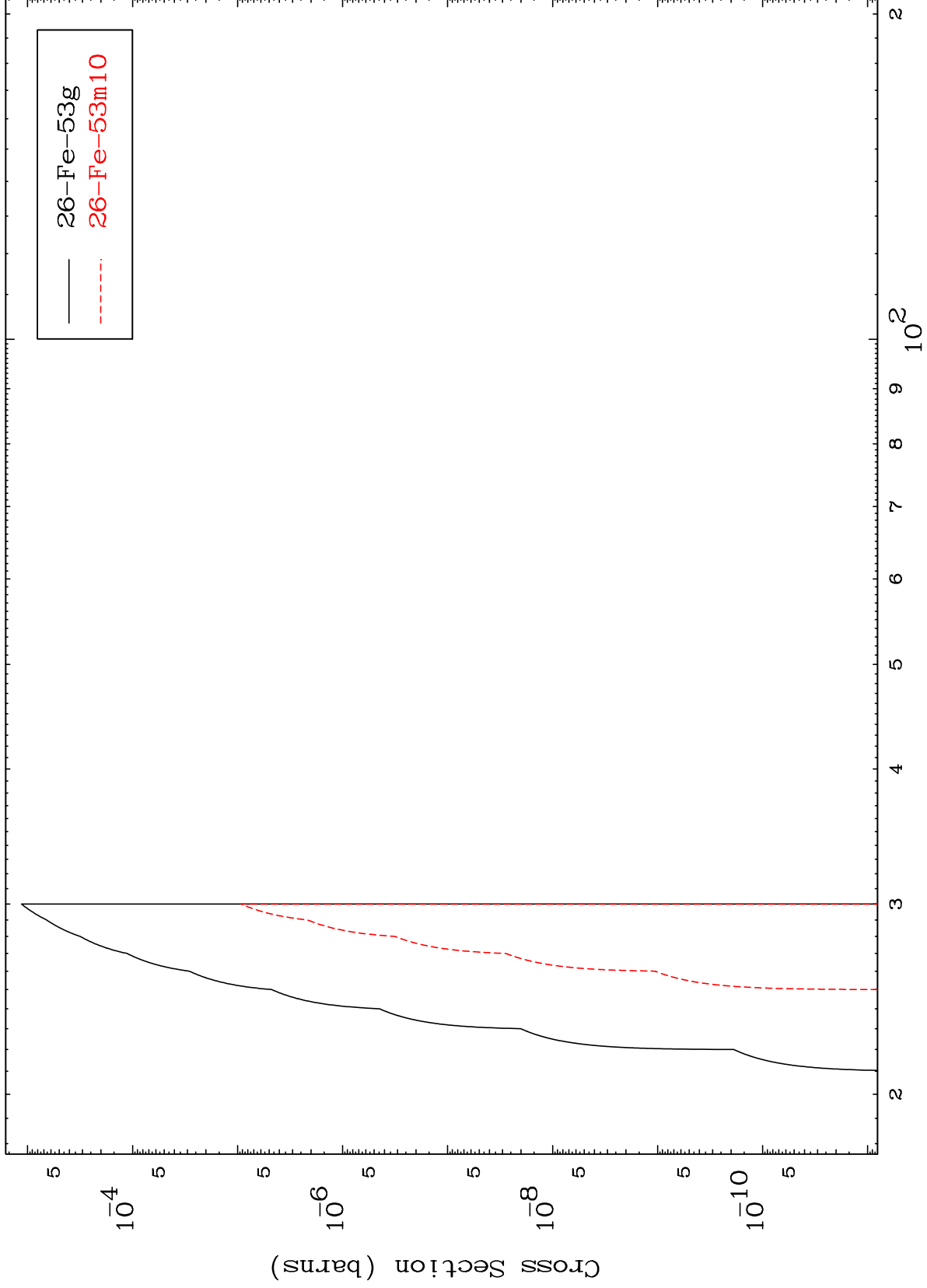


67

Incident Energy (MeV)

28-Ni-56

Radionuclide Production Cross Section

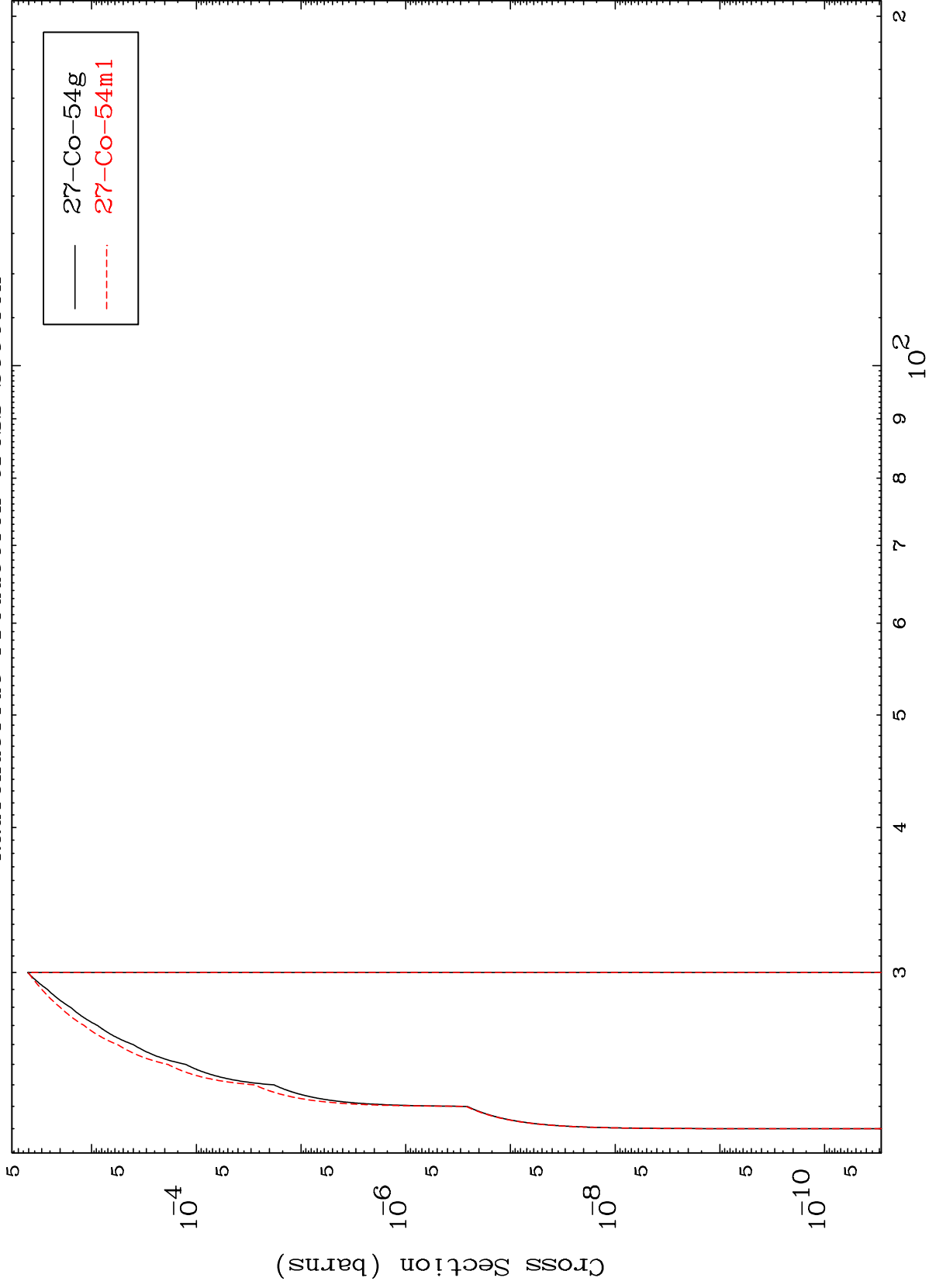


MAT 2819

(n,2n) p

28-Ni-56

Radionuclide Production Cross Section



69

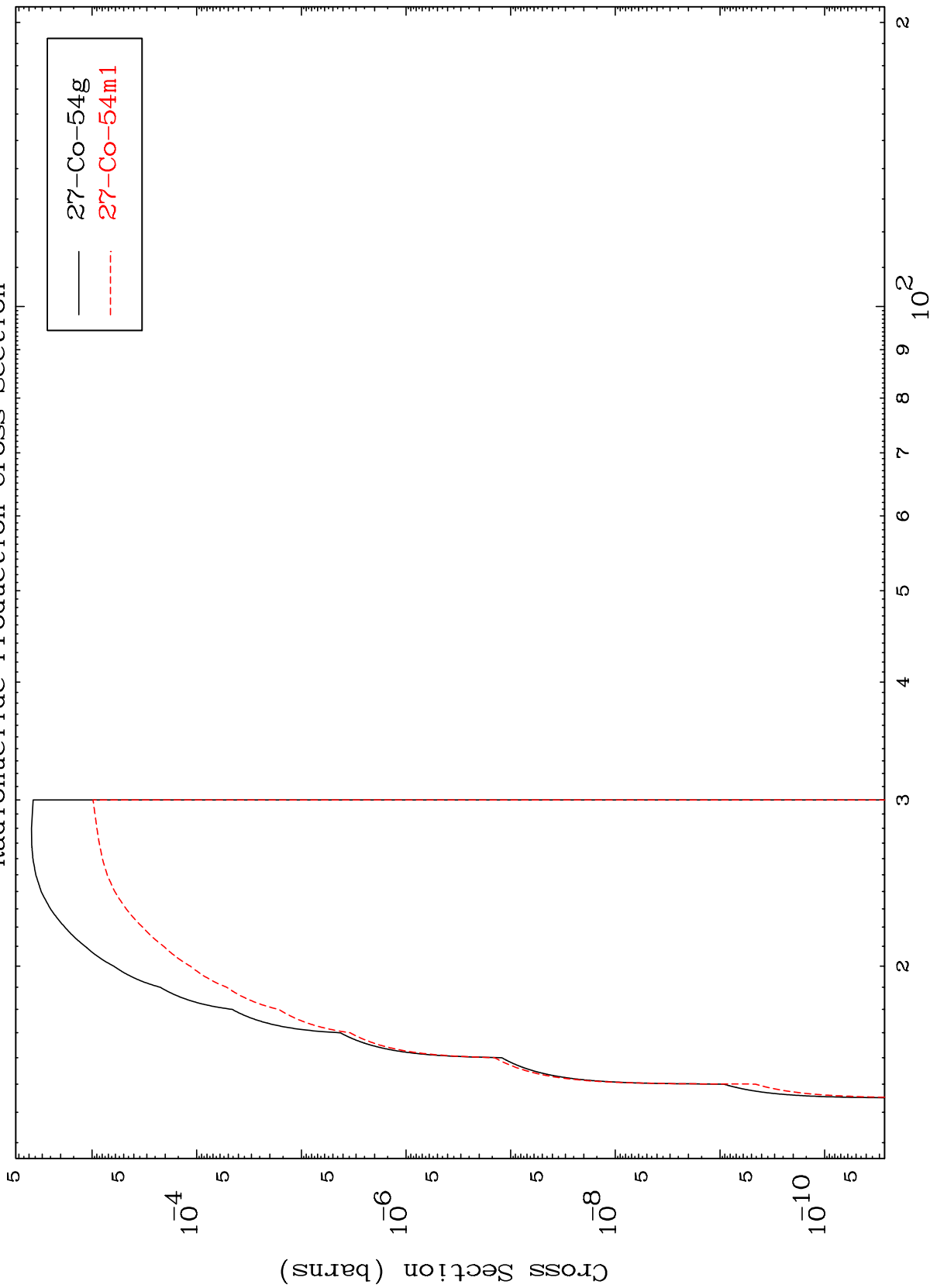
Incident Energy (MeV)

28-Ni-56

MAT 2819

28-Ni-56

(n,t)
Radionuclide Production Cross Section



70

Incident Energy (MeV)

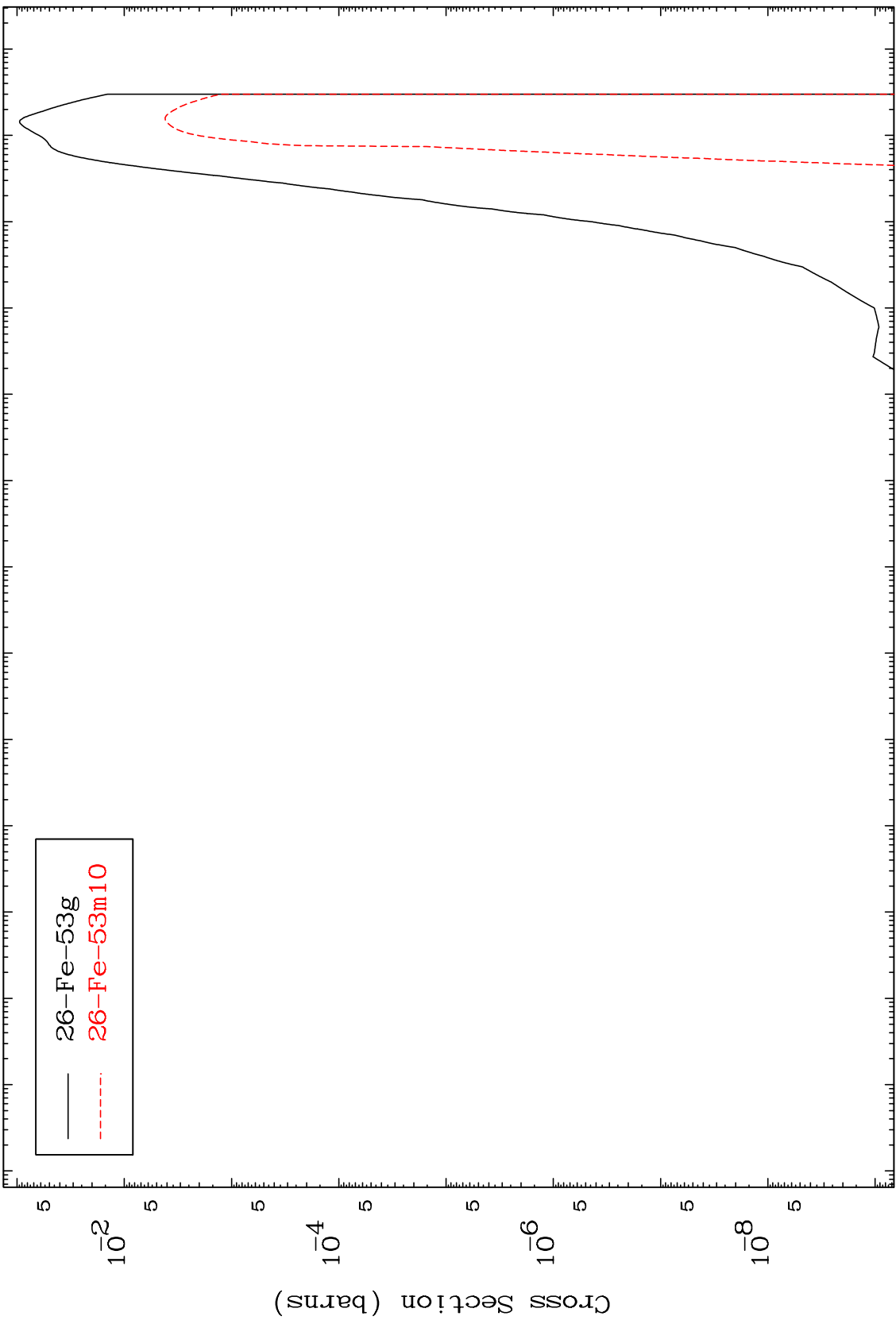
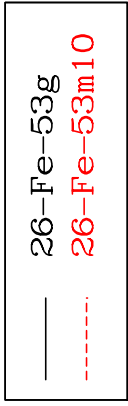
28-Ni-56

MAT 2819

(n, α)

28-Ni-56

Radionuclide Production Cross Section

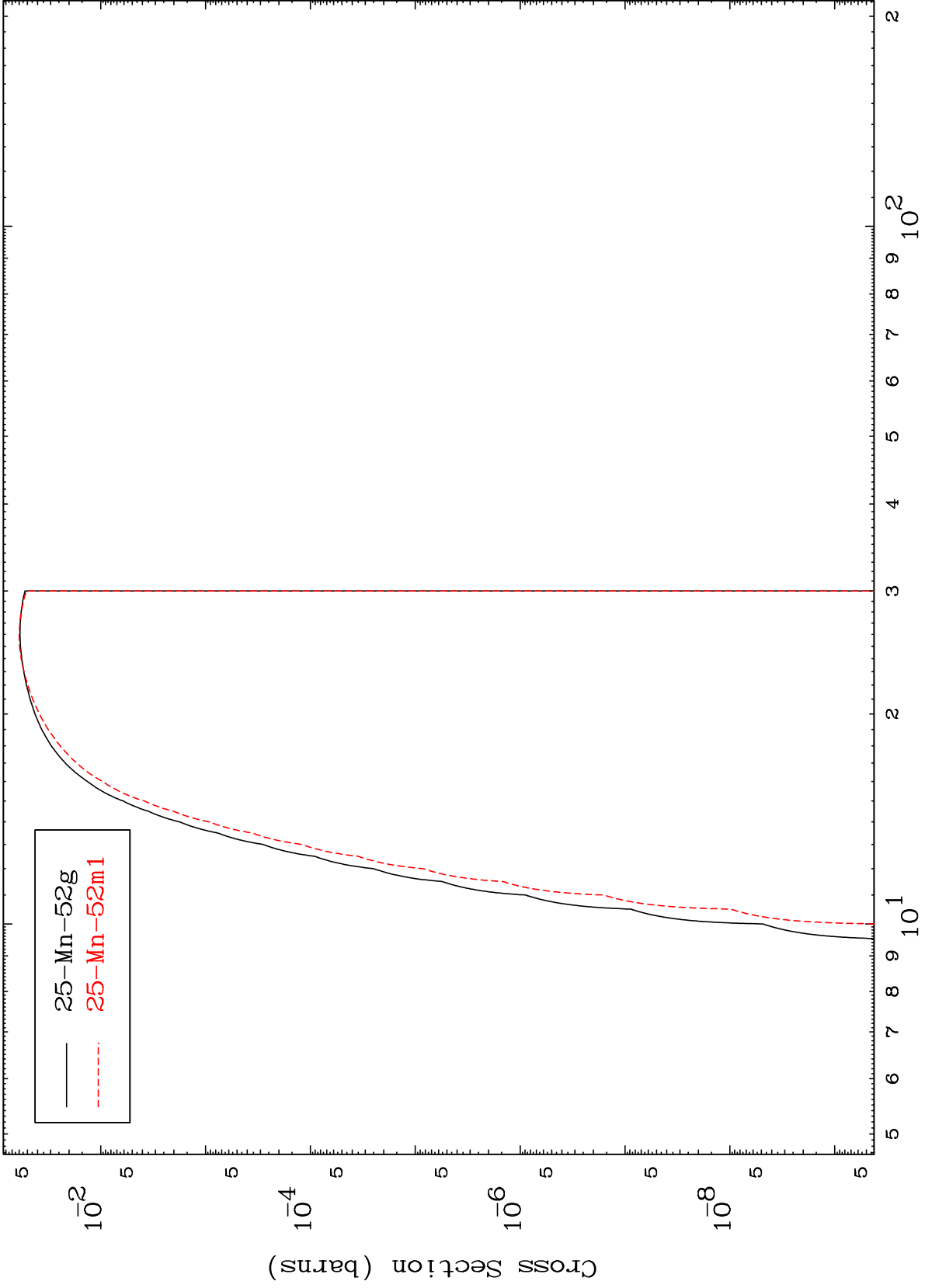


MAT 2819

(n,p) α

²⁸Ni-56

Radionuclide Production Cross Section



72

Incident Energy (MeV)

²⁸Ni-56

Radionuclide Production Cross Section

