

Program EVALPLOT
(Version 2021-1)

by

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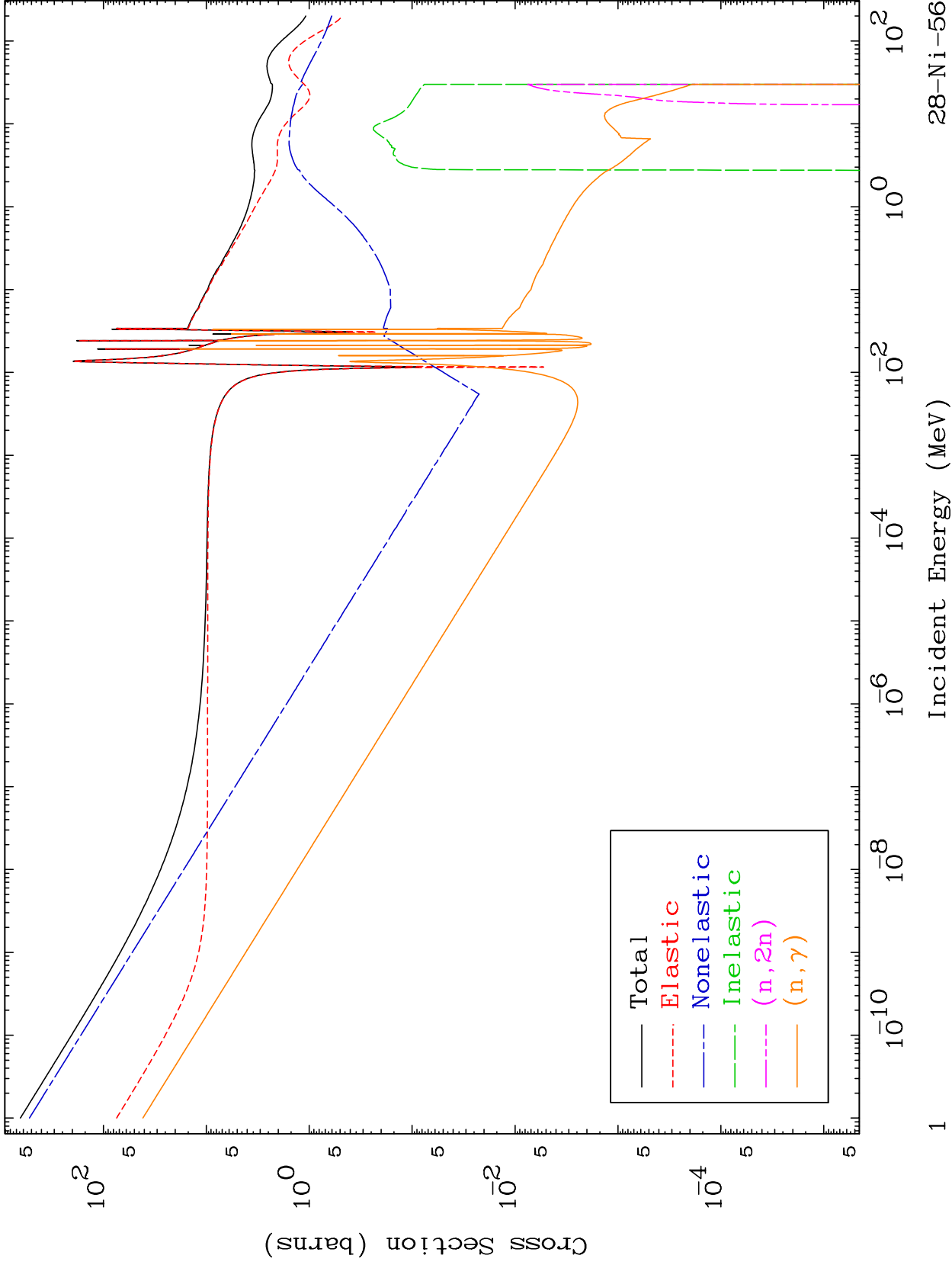
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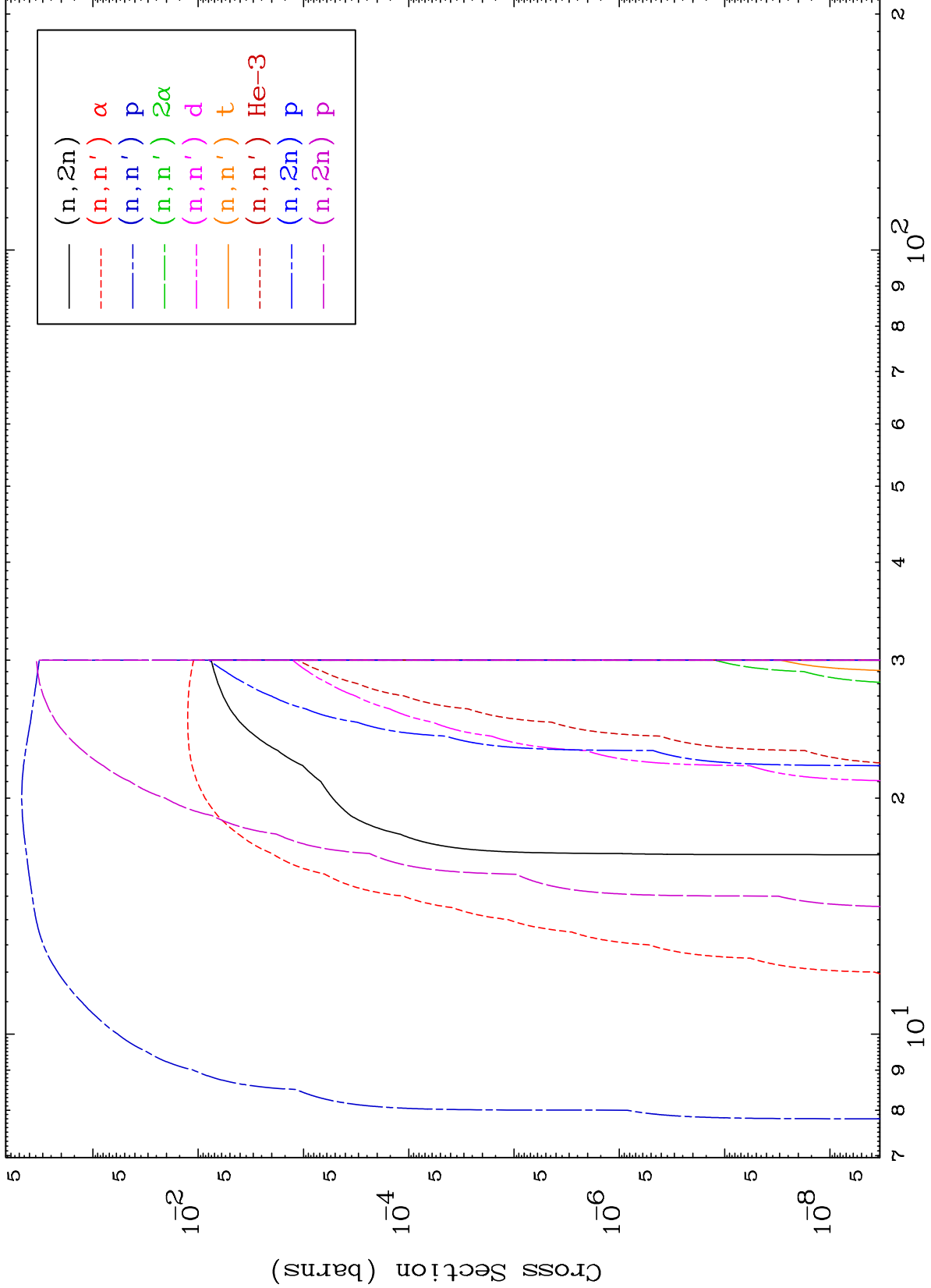
Press Mouse Button to Start

MAT 2819

Neutron Major
293 Kelvin Cross Sections

28-Ni-56

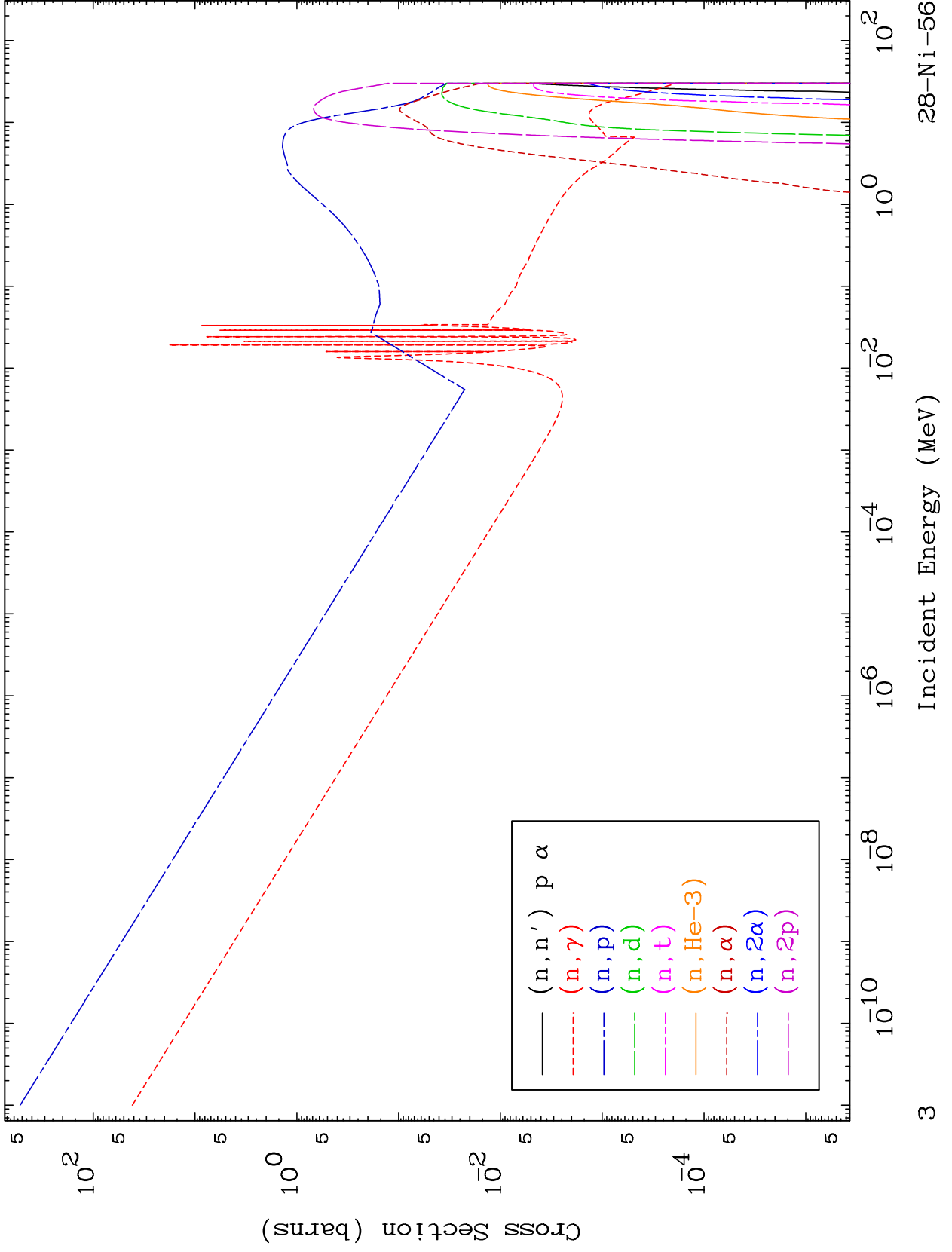




MAT 2819

Neutron Absorption
293 Kelvin Cross Sections

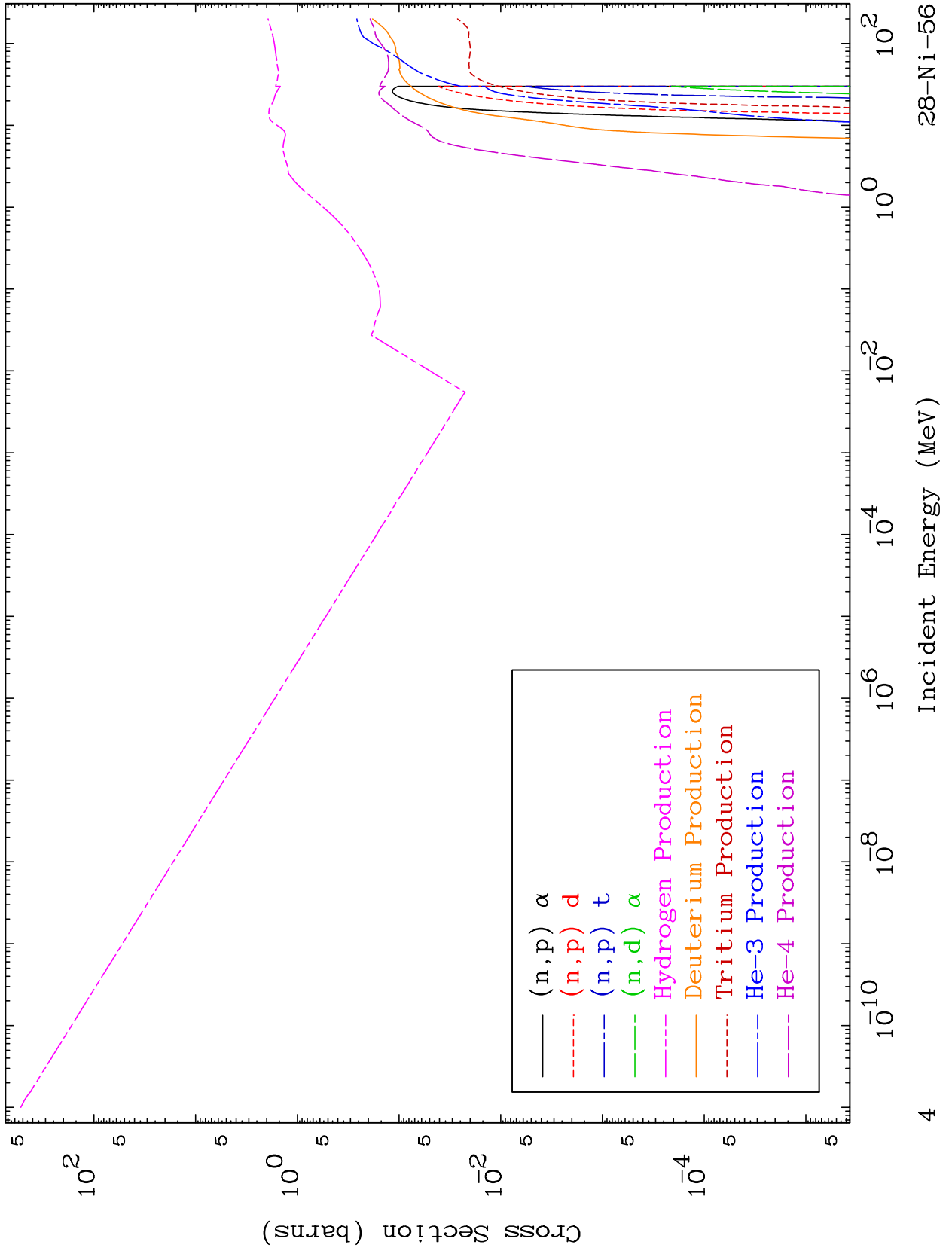
28-Ni-56



MAT 2819

Neutron Absorption
293 Kelvin Cross Sections

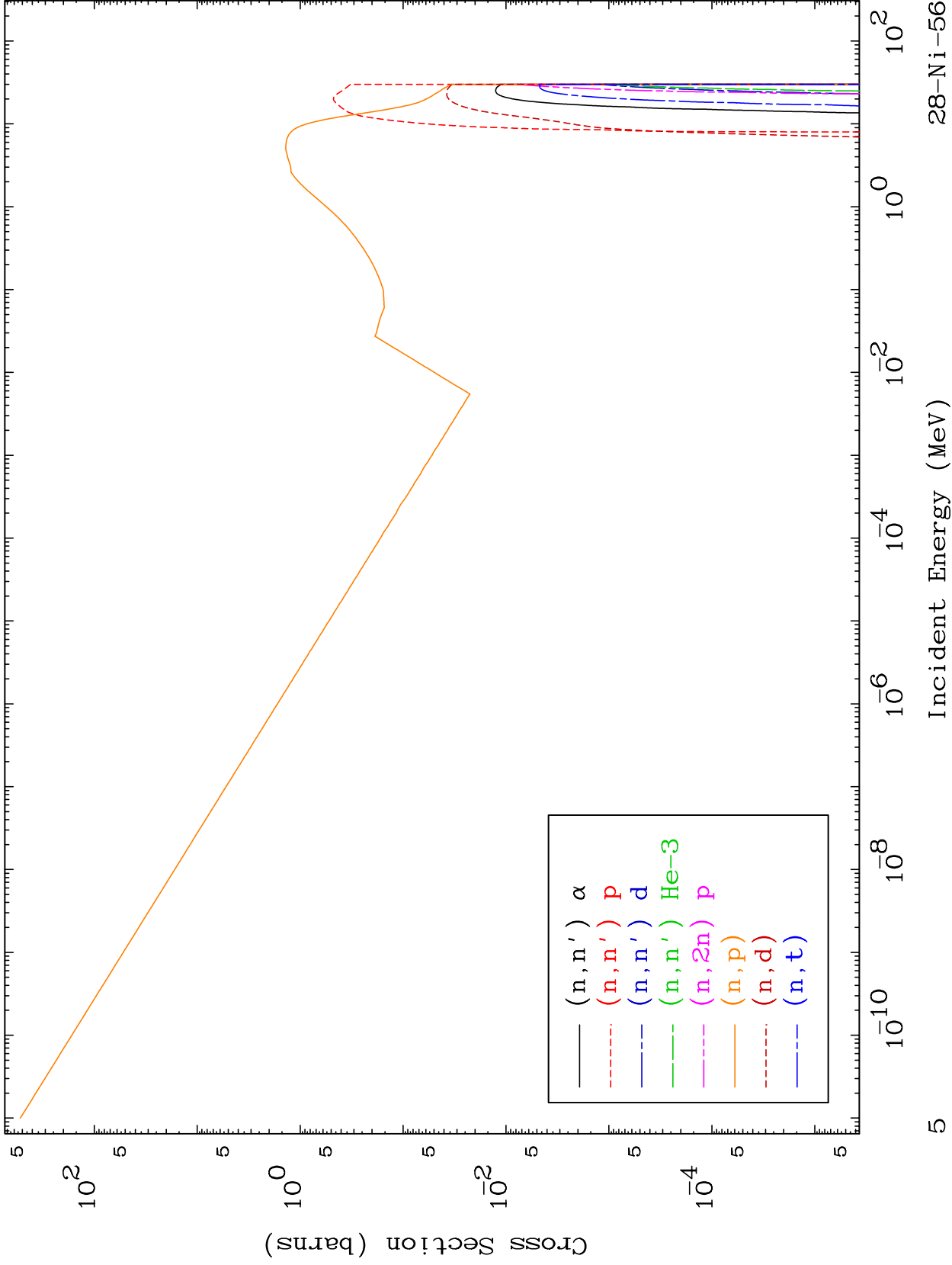
28-Ni-56



MAT 2819

Charged Particle
293 Kelvin Cross Sections

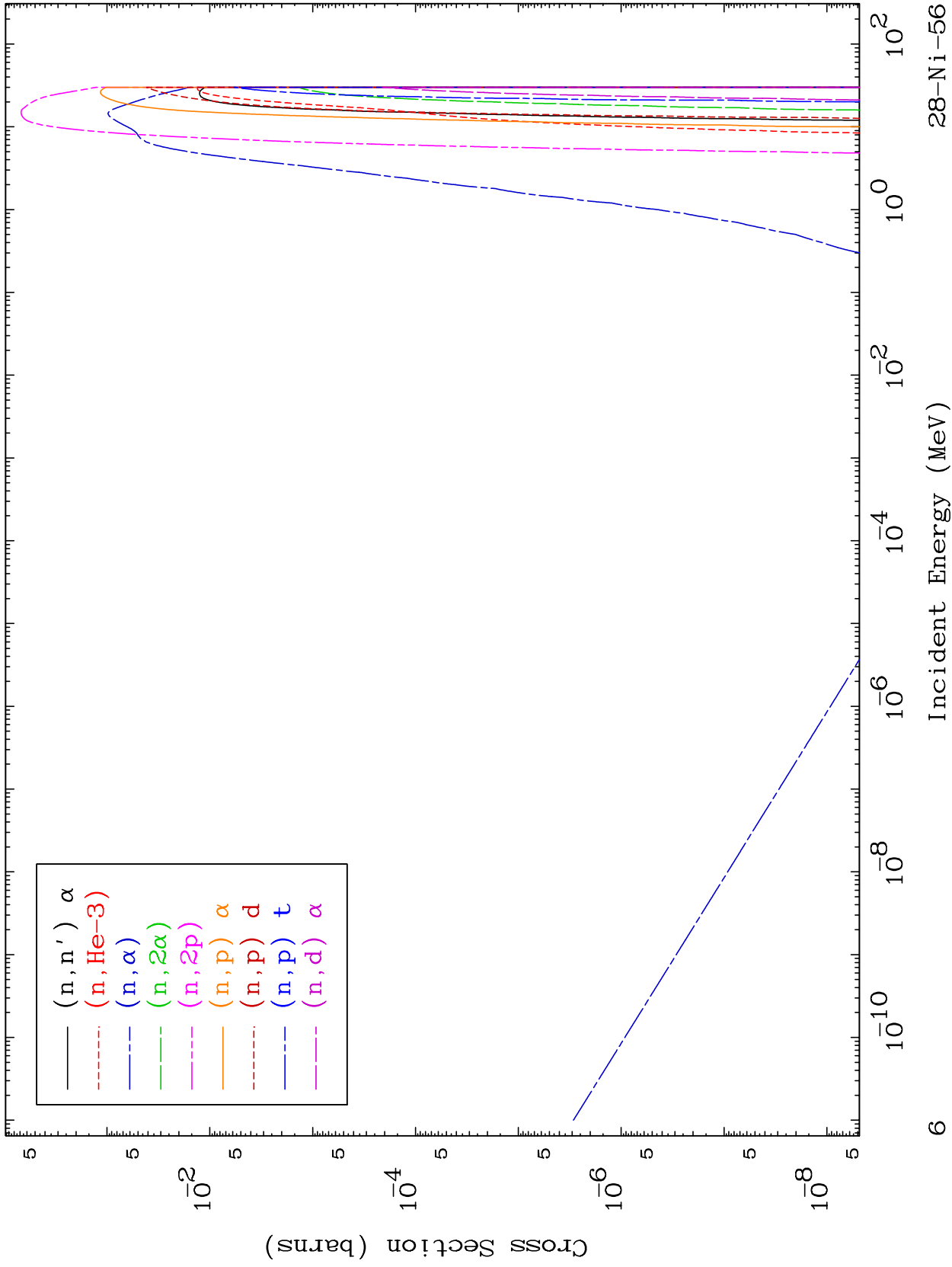
28-Ni-56



MAT 2819

Charged Particle
293 Kelvin Cross Sections

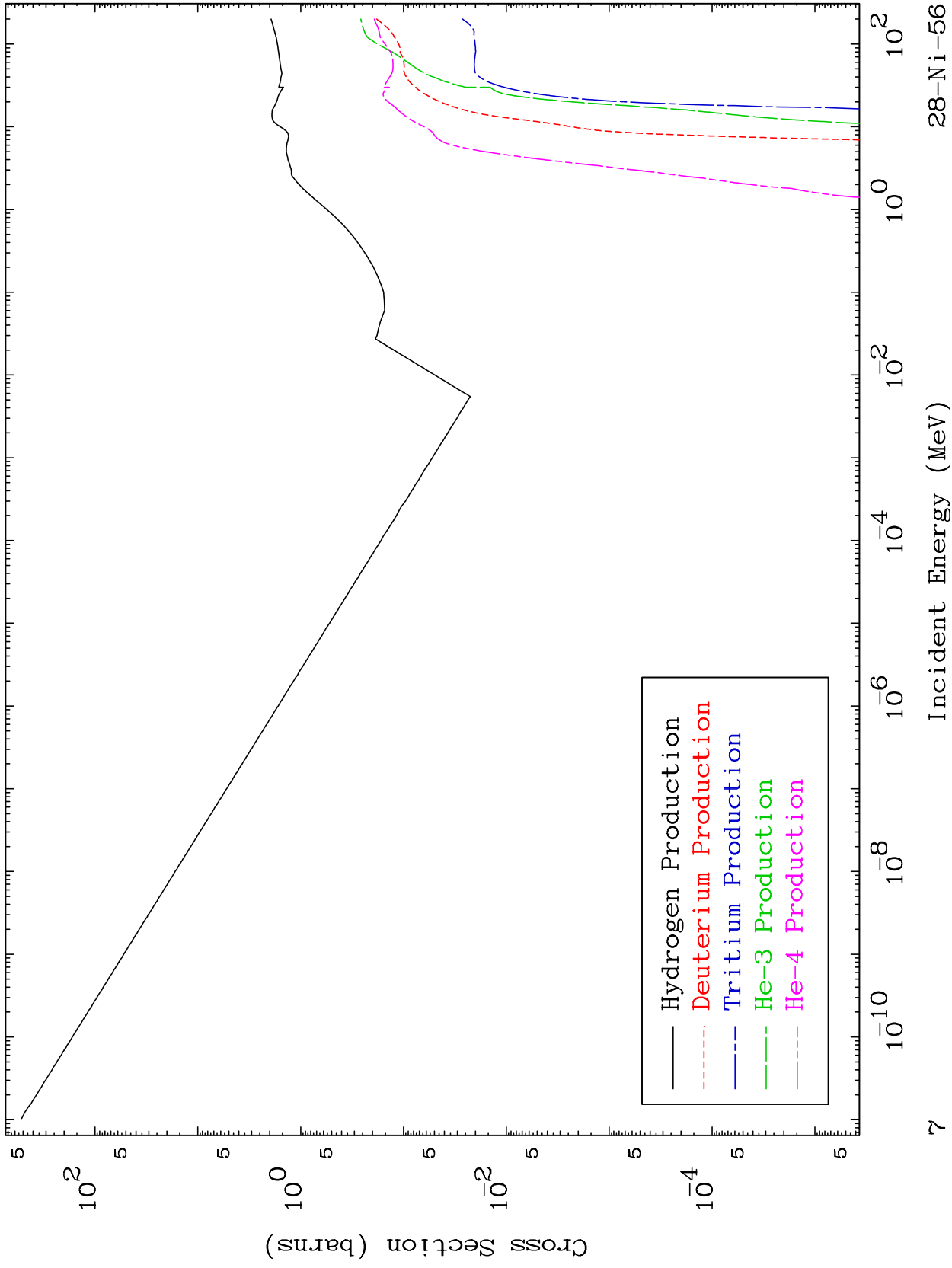
28-Ni-56



MAT 2819

Particle Production
293 Kelvin Cross Sections

28-Ni-56

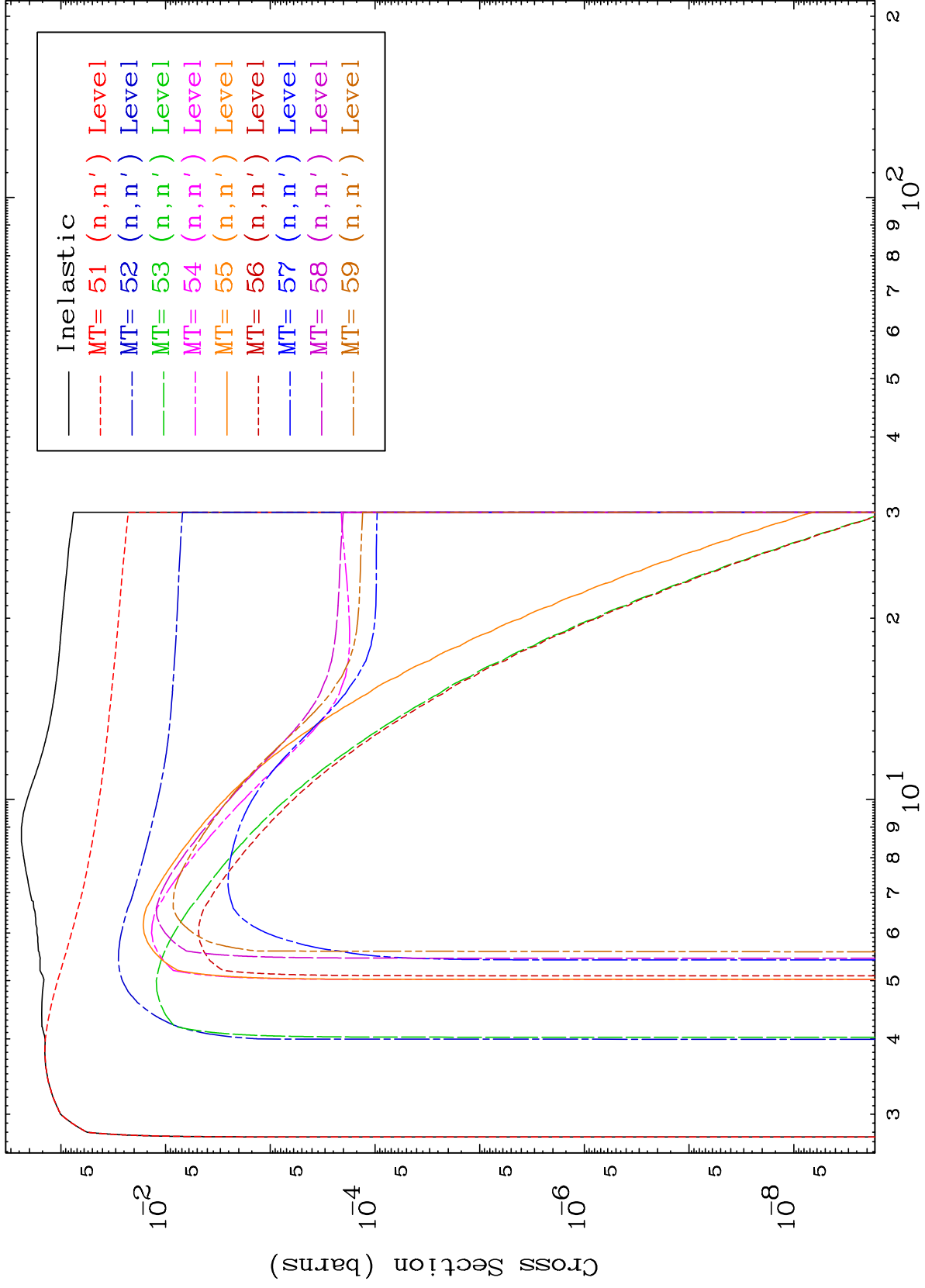


MAT 2819

(n,n') Levels

28-Ni-56

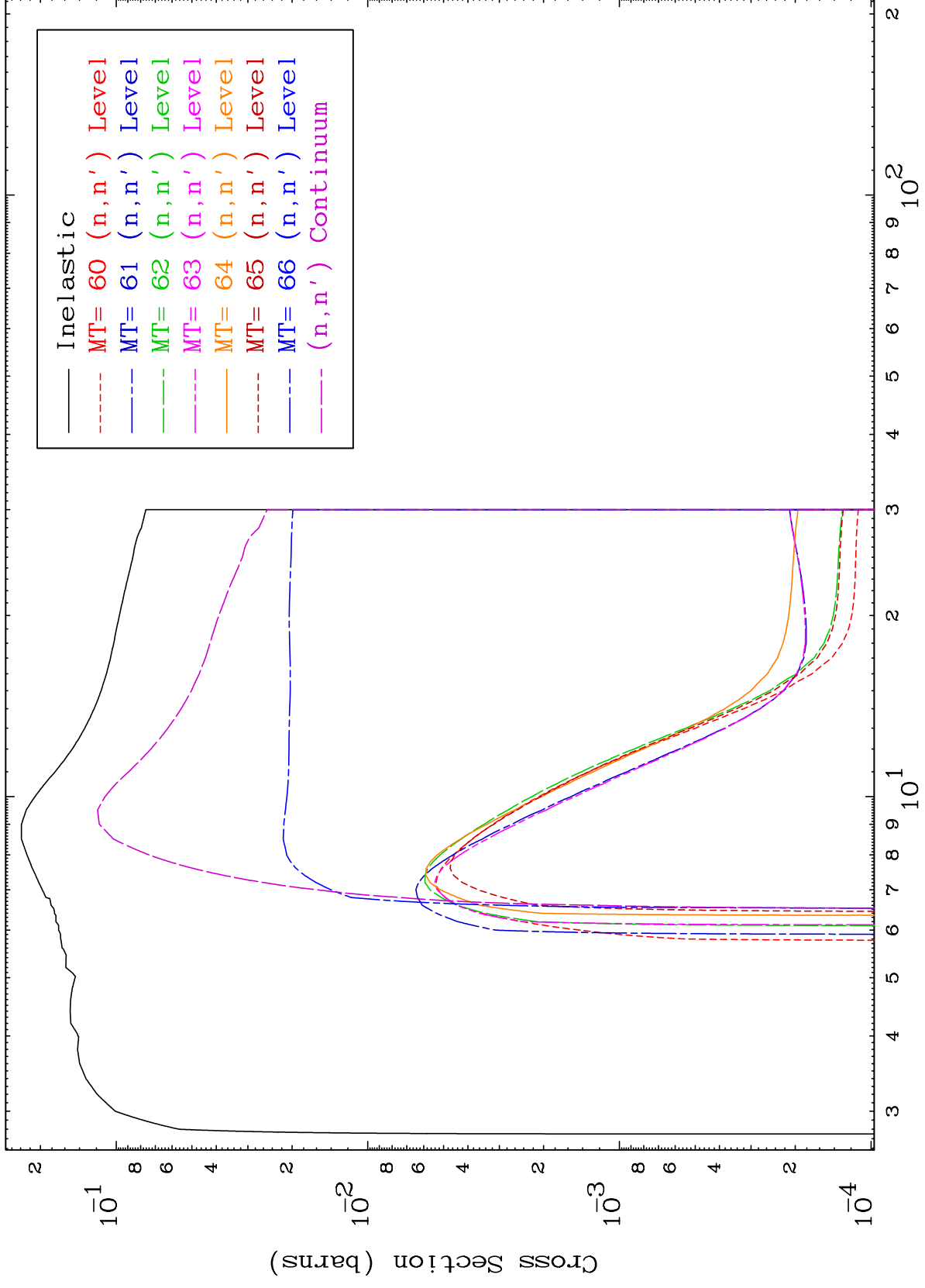
293 Kelvin Cross Sections



8

Incident Energy (MeV)

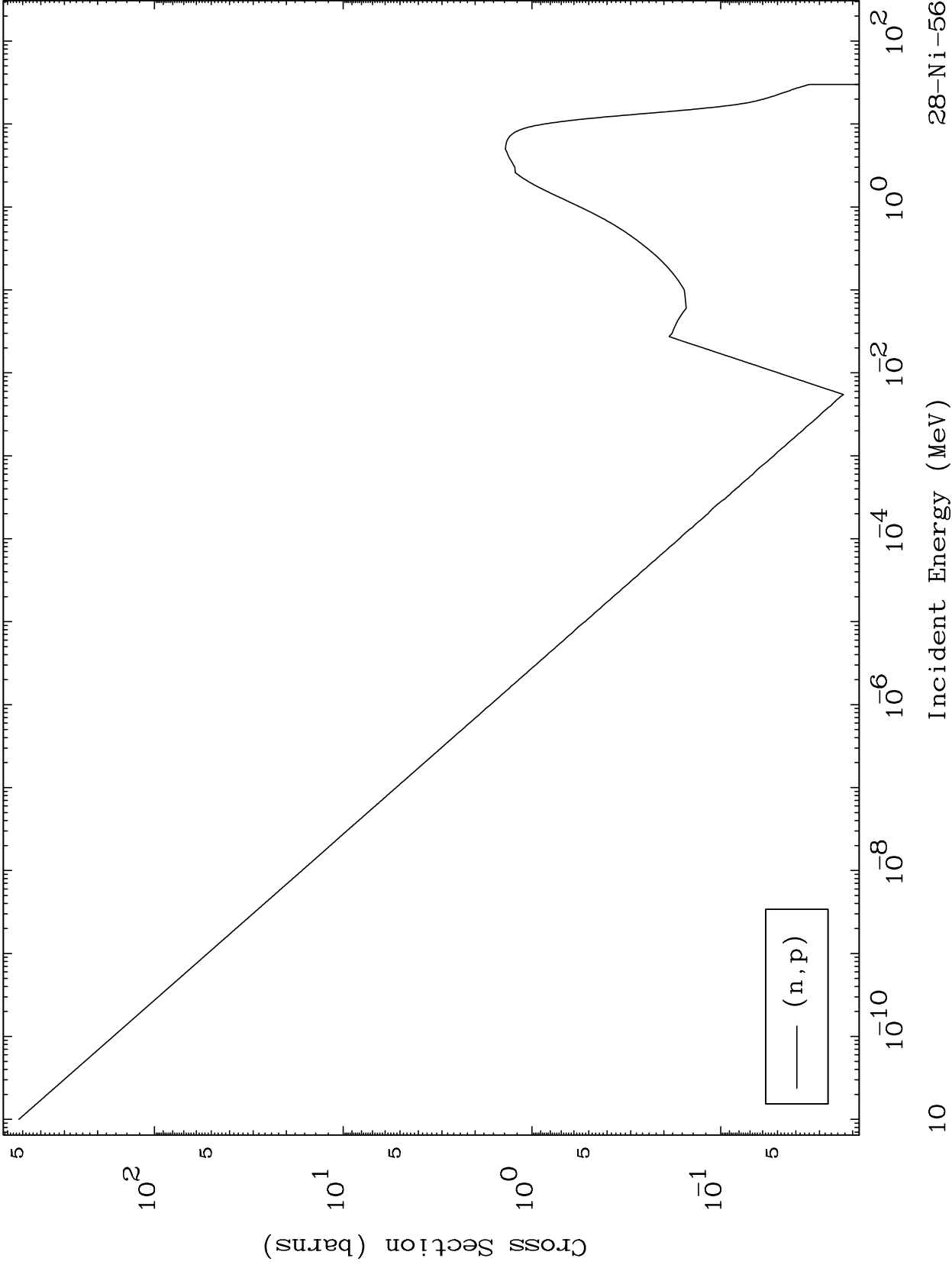
28-Ni-56



MAT 2819

(n,p) Levels
293 Kelvin Cross Sections

28-Ni-56

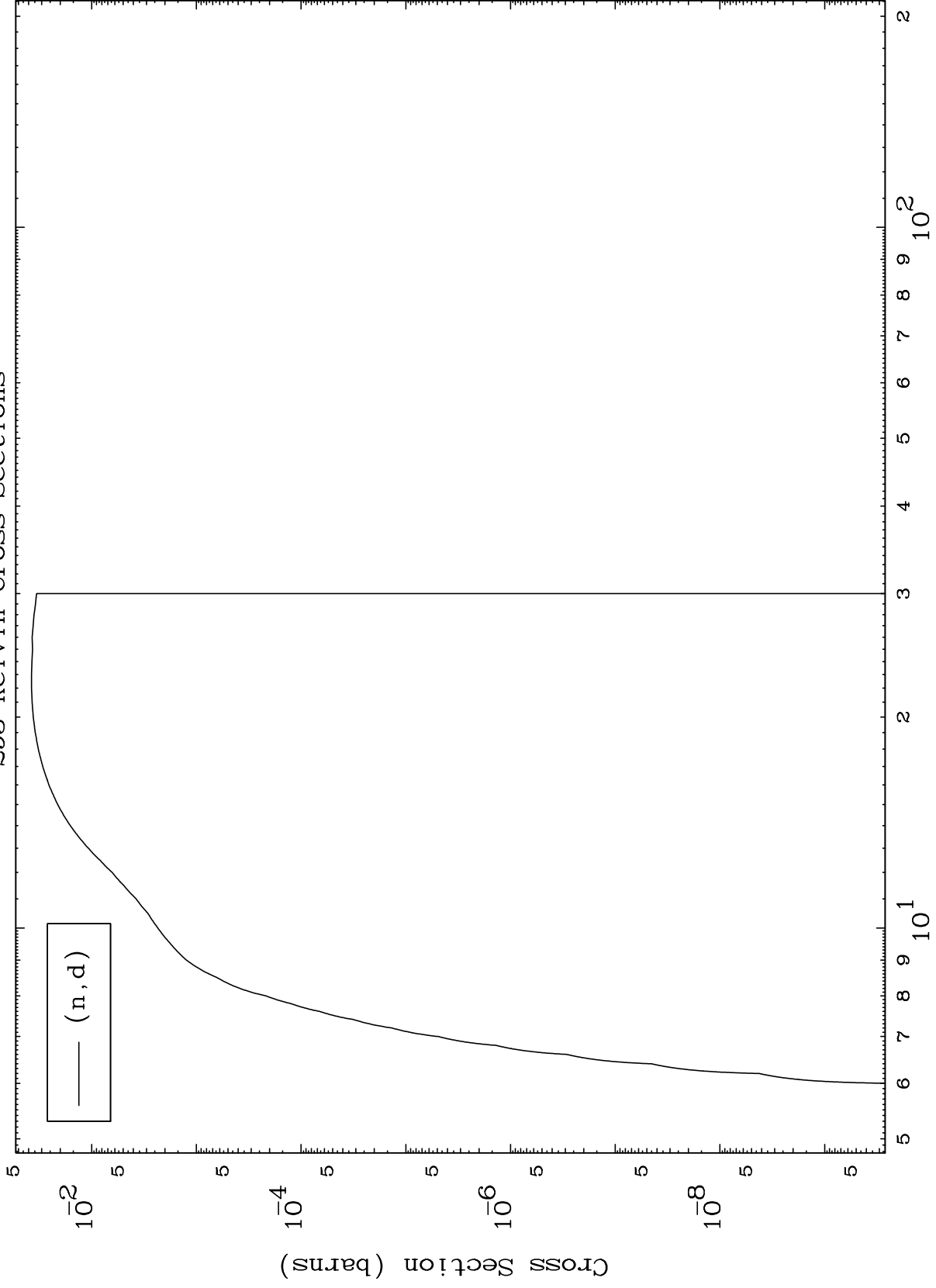


10

MAT 2819

(n,d) Levels
293 Kelvin Cross Sections

28-Ni-56



11

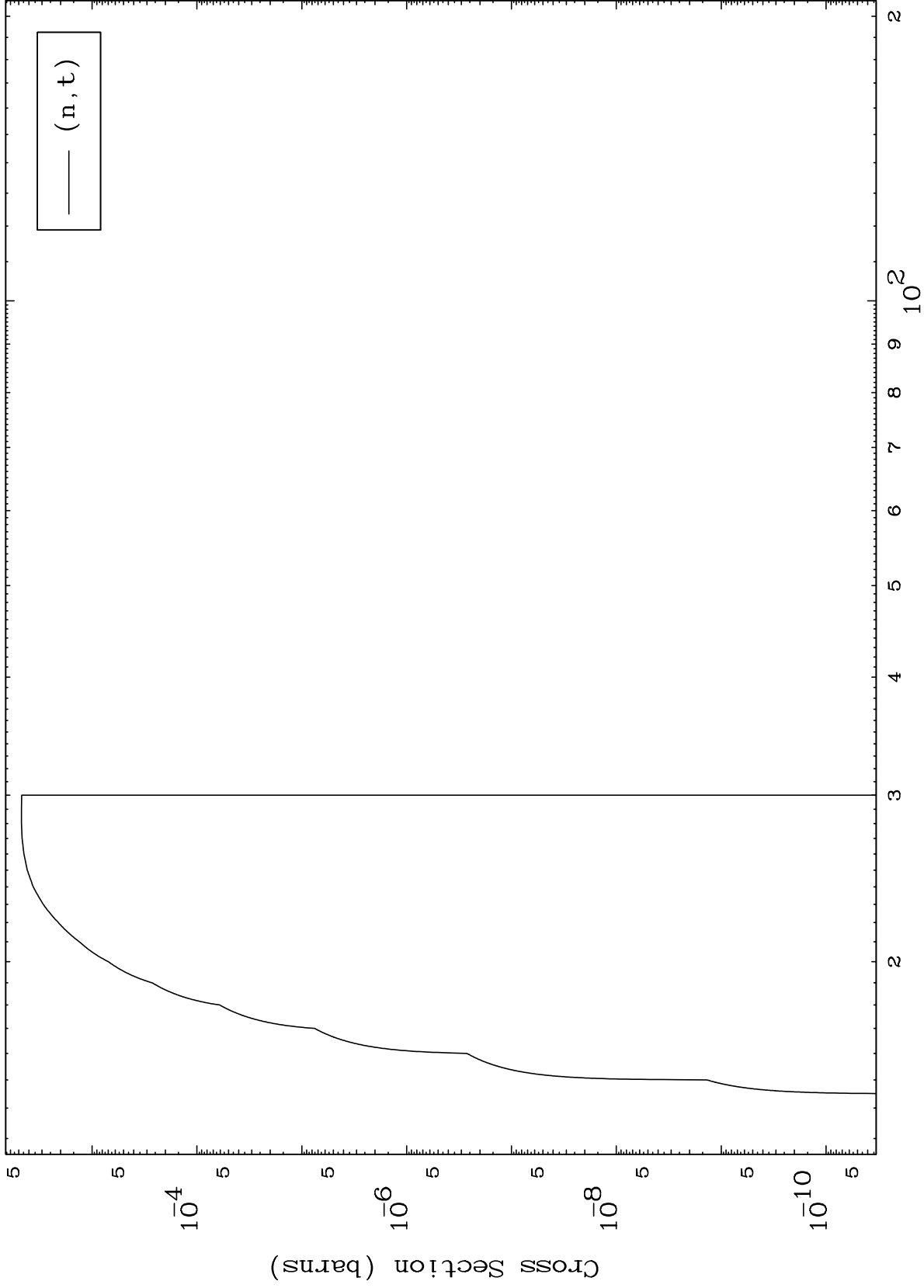
Incident Energy (MeV)

28-Ni-56

MAT 2819

(n,t) Levels
293 Kelvin Cross Sections

28-Ni-56



12

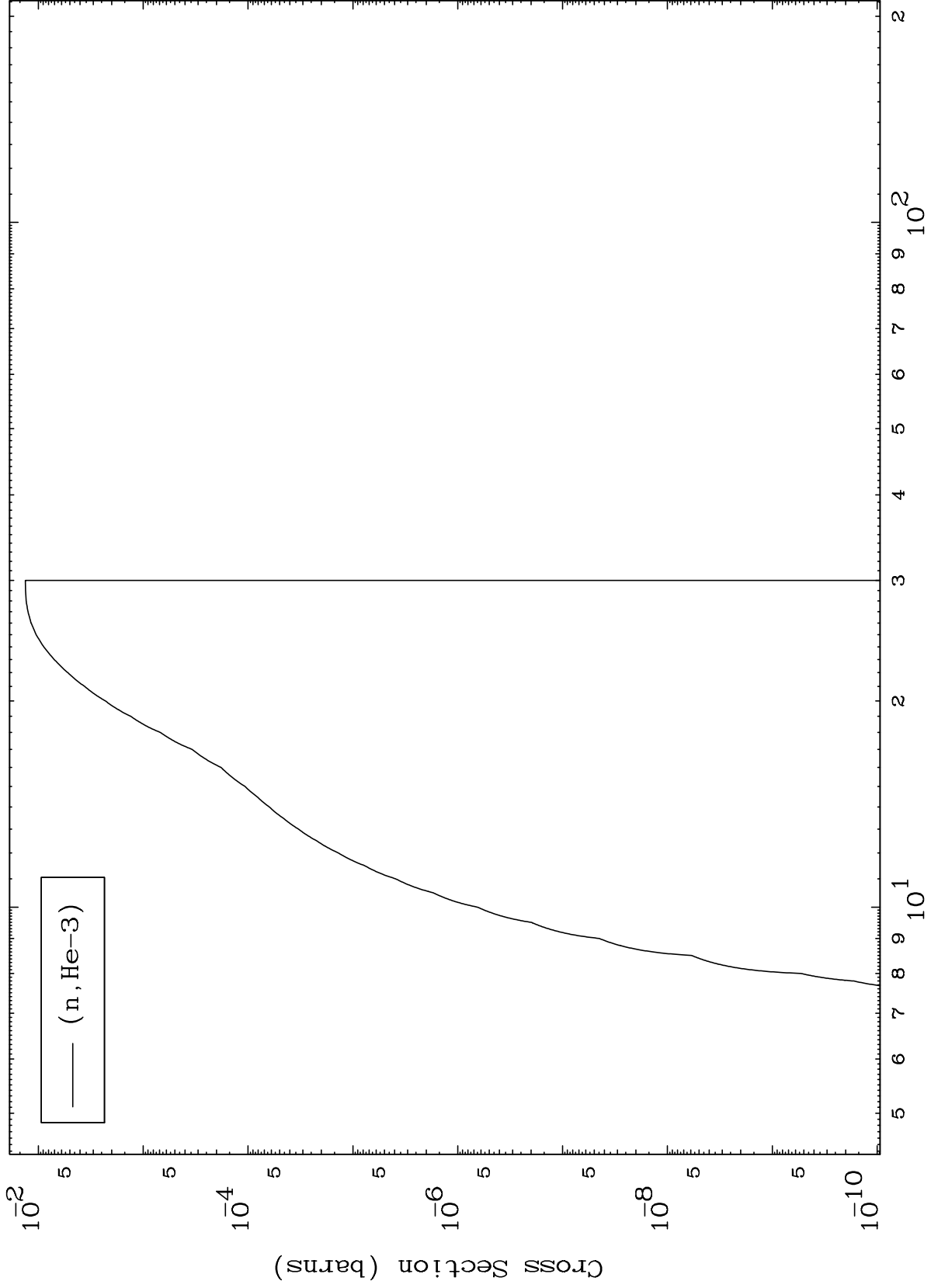
Incident Energy (MeV)

28-Ni-56

MAT 2819

(n,He3) Levels
293 Kelvin Cross Sections

28-Ni-56



13

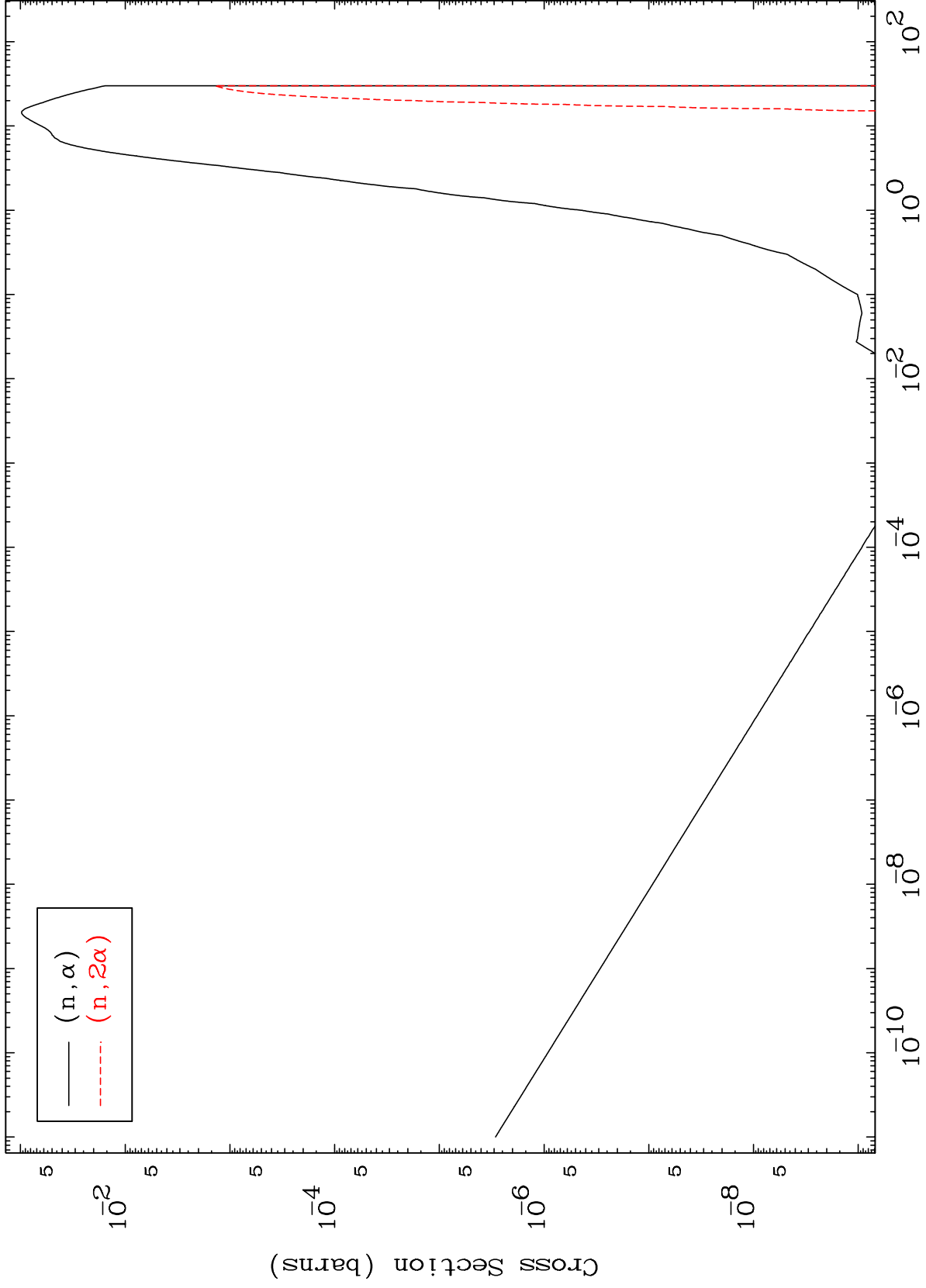
Incident Energy (MeV)

28-Ni-56

MAT 2819

(n, α) Levels
293 Kelvin Cross Sections

28-Ni-56



14

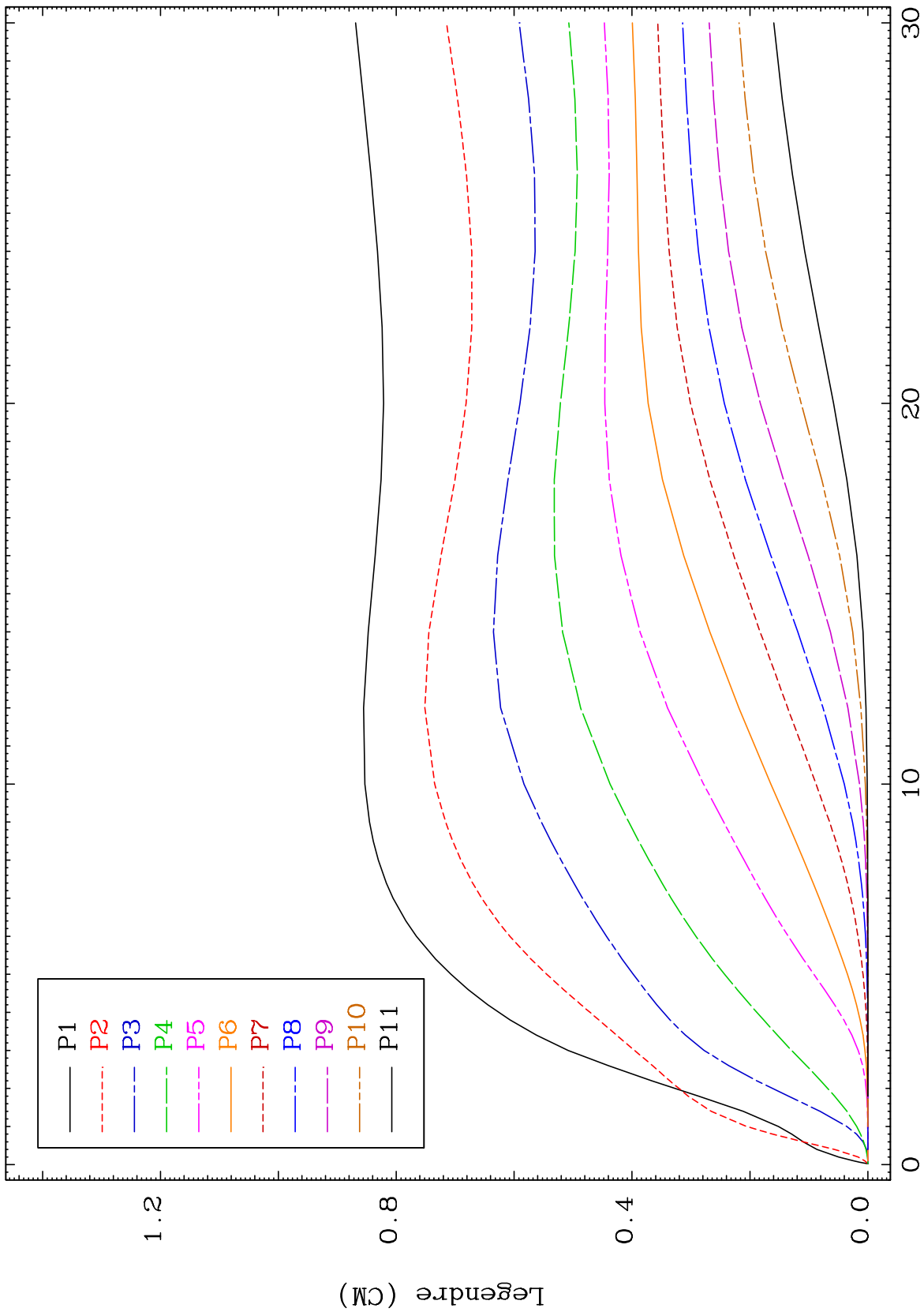
Incident Energy (MeV)

28-Ni-56

MAT 2819

Elastic Legendre Coefficients

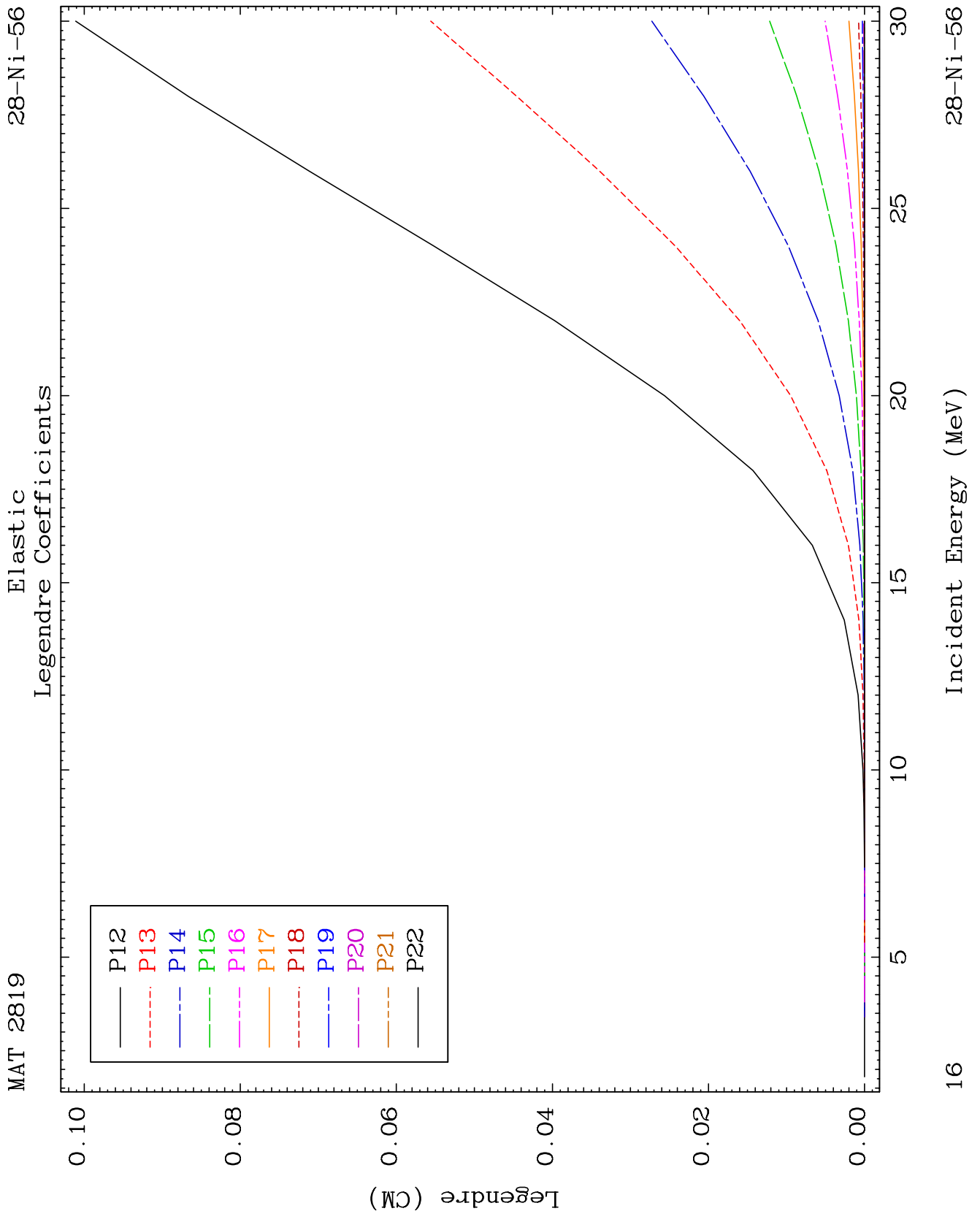
28-Ni-56



15

Incident Energy (MeV)

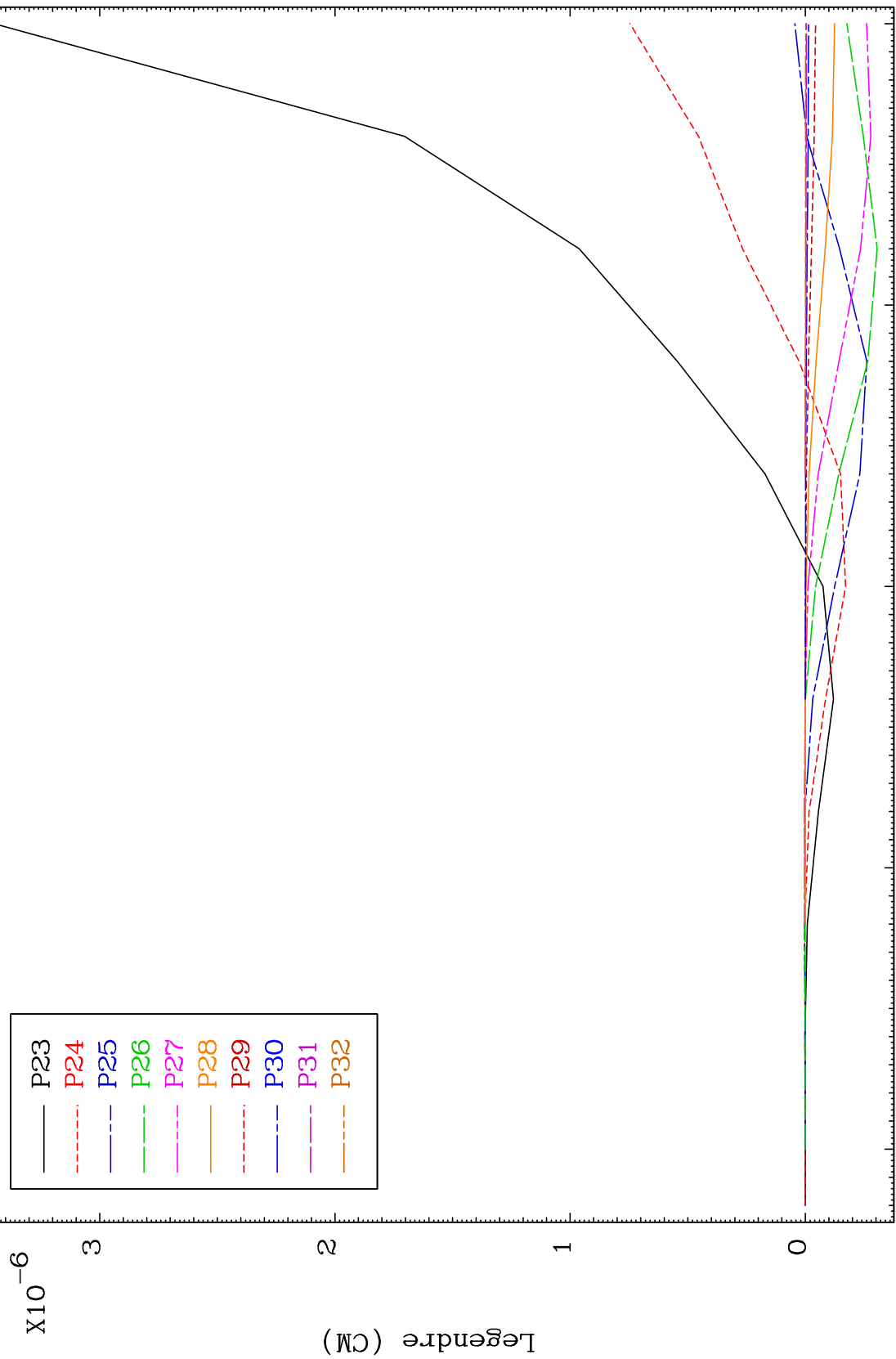
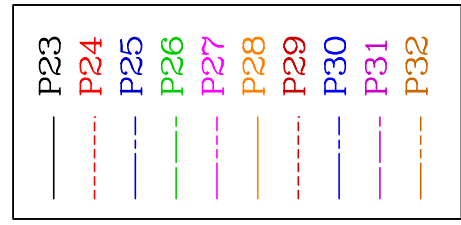
28-Ni-56



MAT 2819

Elastic
Legendre Coefficients

28-Ni-56



17

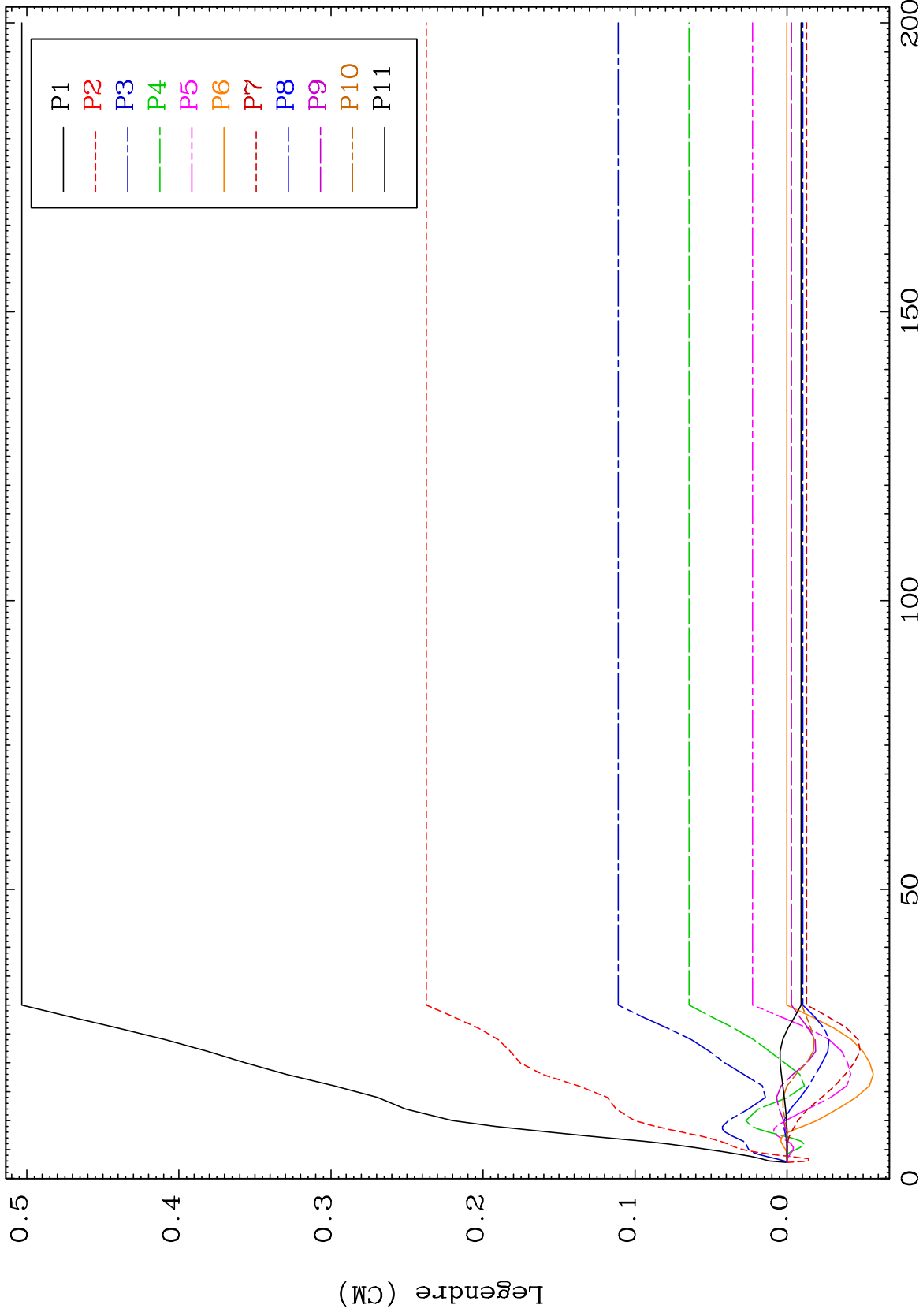
Incident Energy (MeV)

28-Ni-56

MAT 2819

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

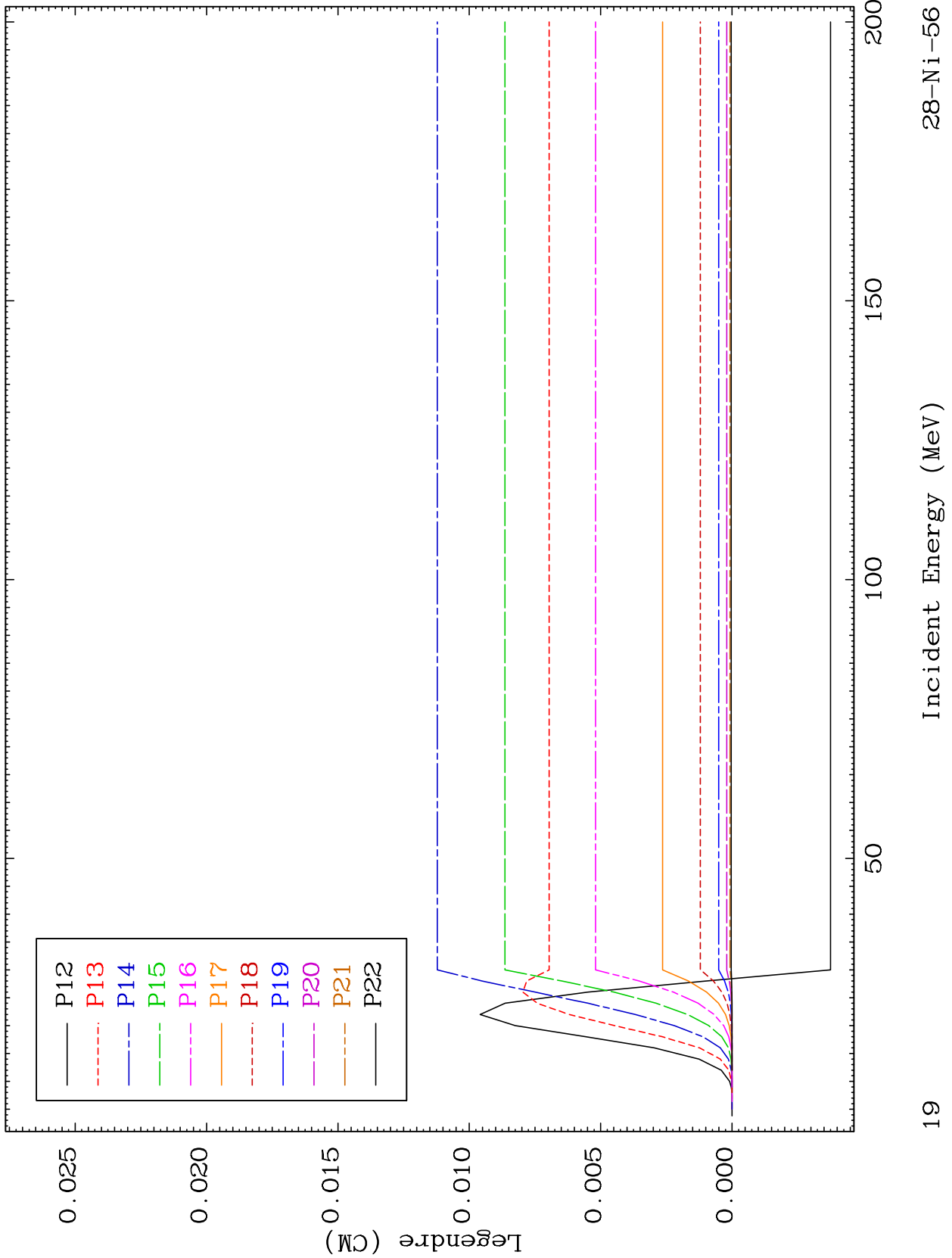
28-Ni-56



18

Incident Energy (MeV)

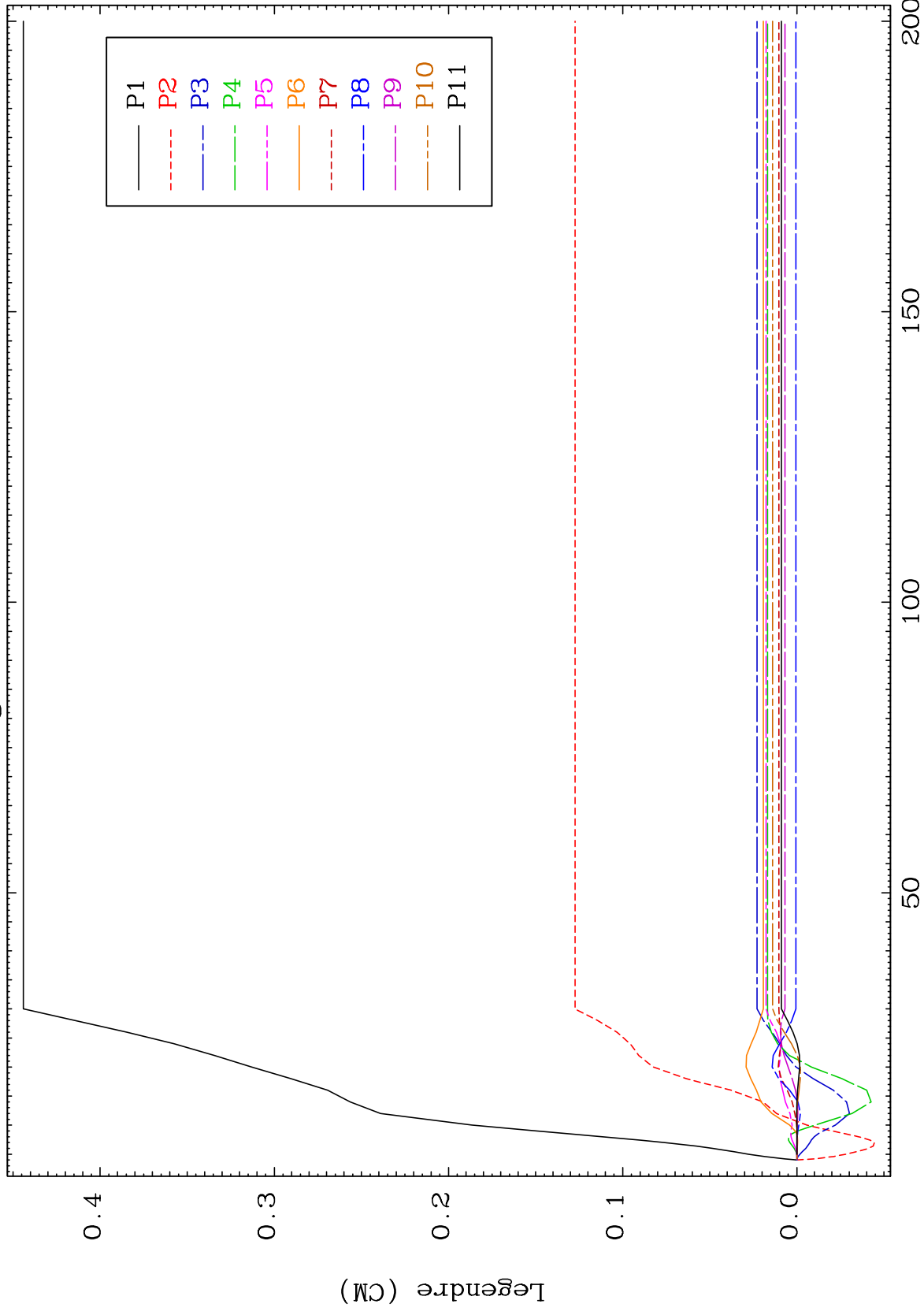
28-Ni-56



MAT 2819

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

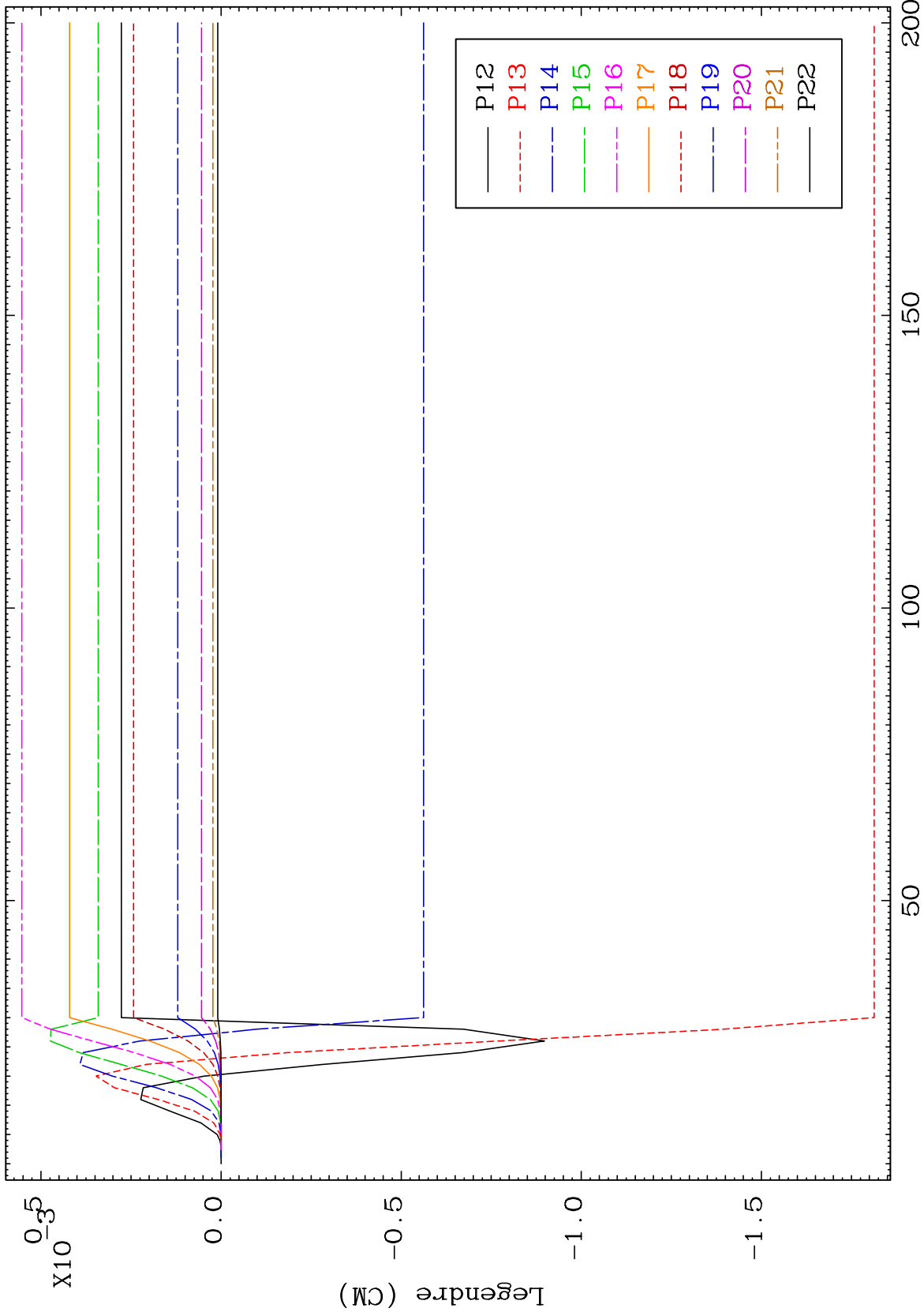
28-Ni-56



21

Incident Energy (MeV)

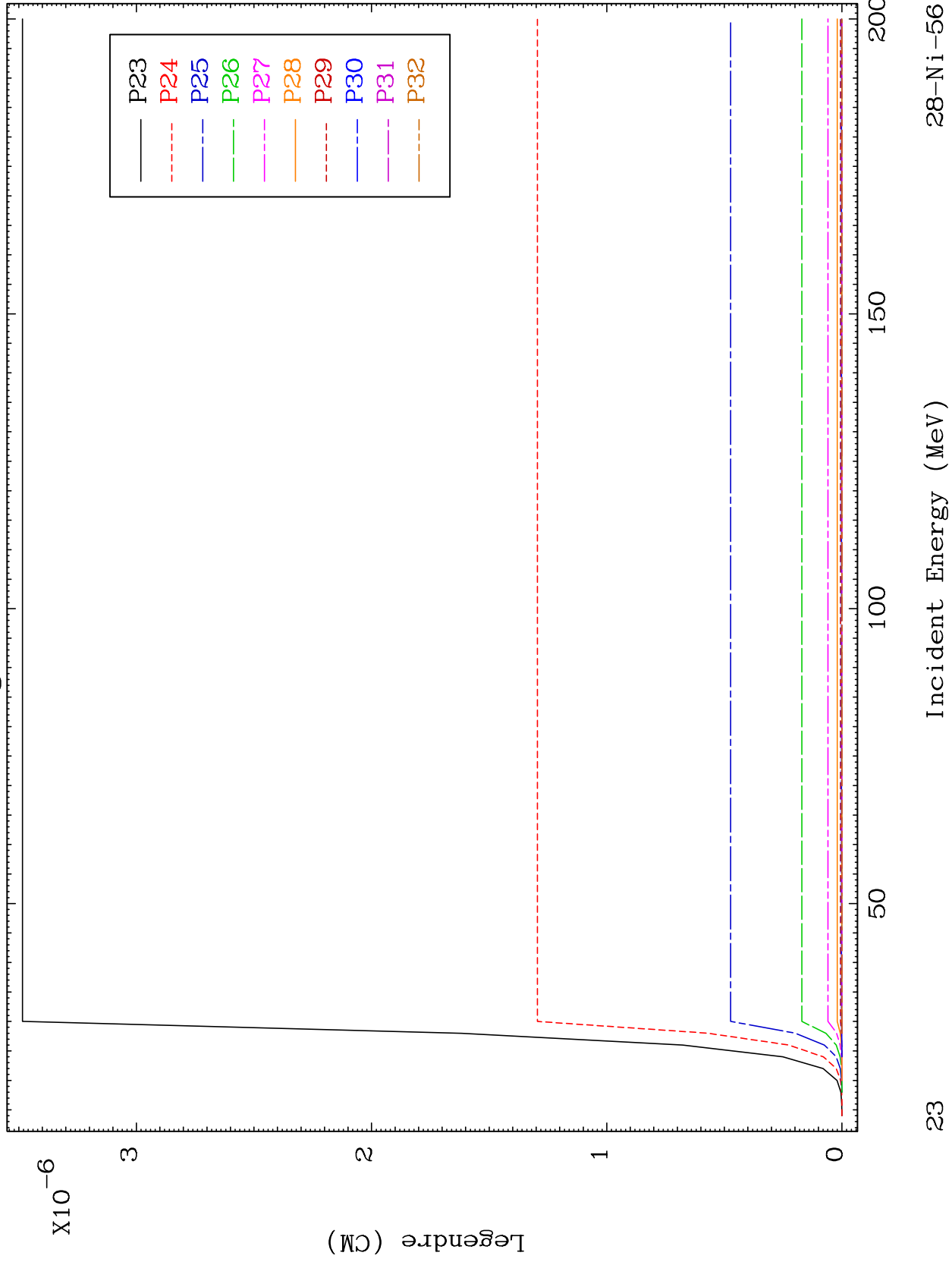
28-Ni-56



MAT 2819

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

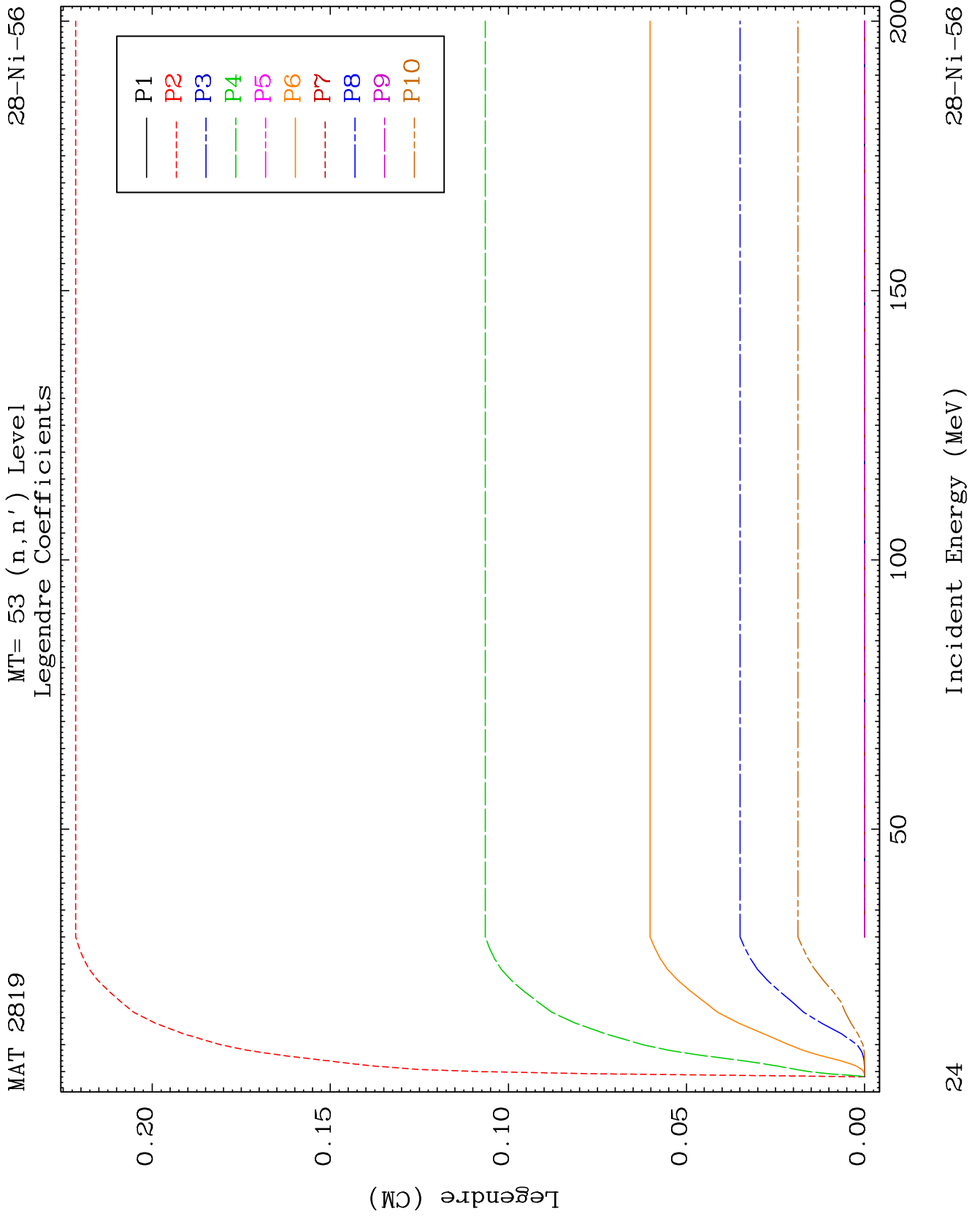
28-Ni-56



23

Incident Energy (MeV)

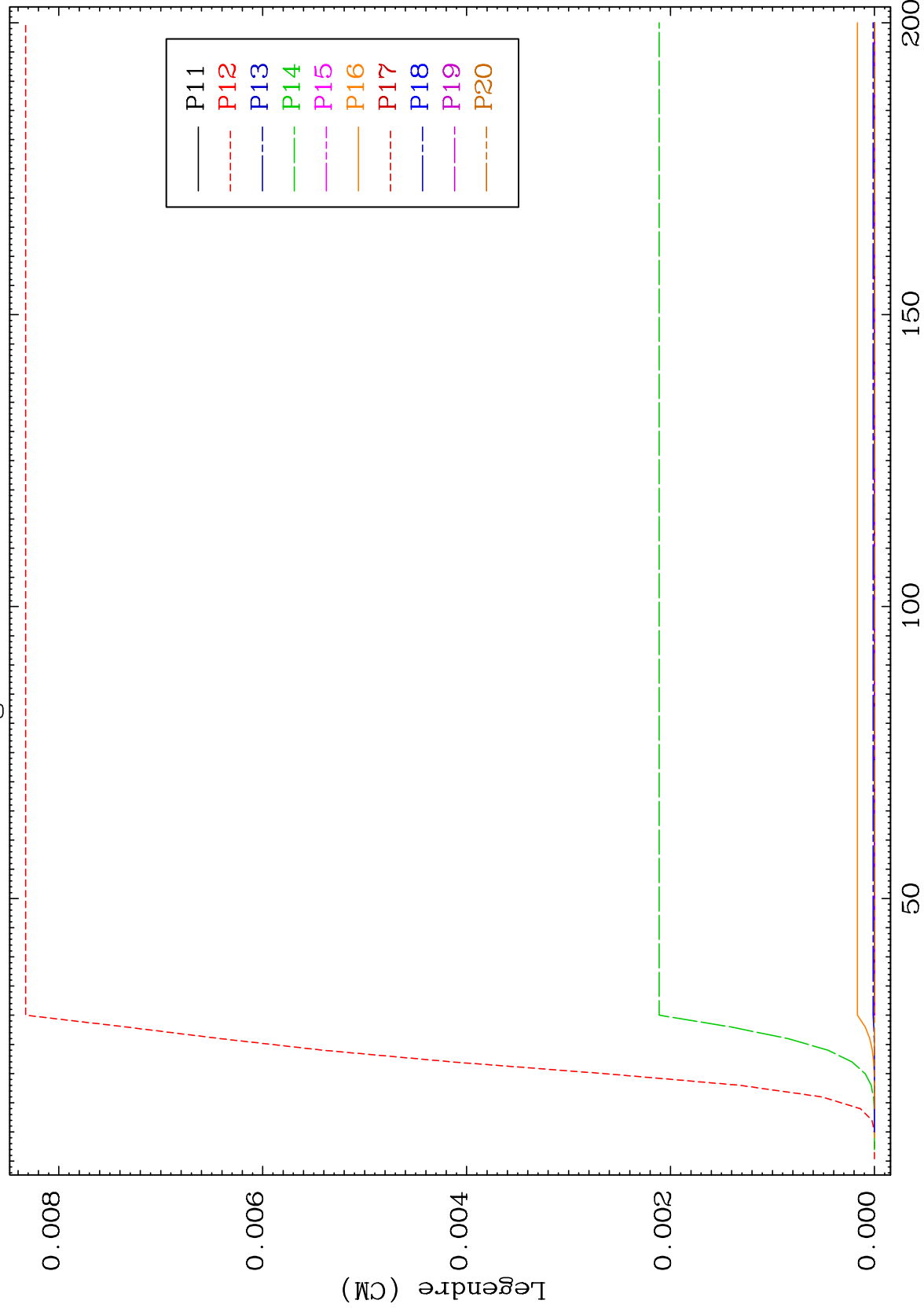
28-Ni-56



MAT 2819

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

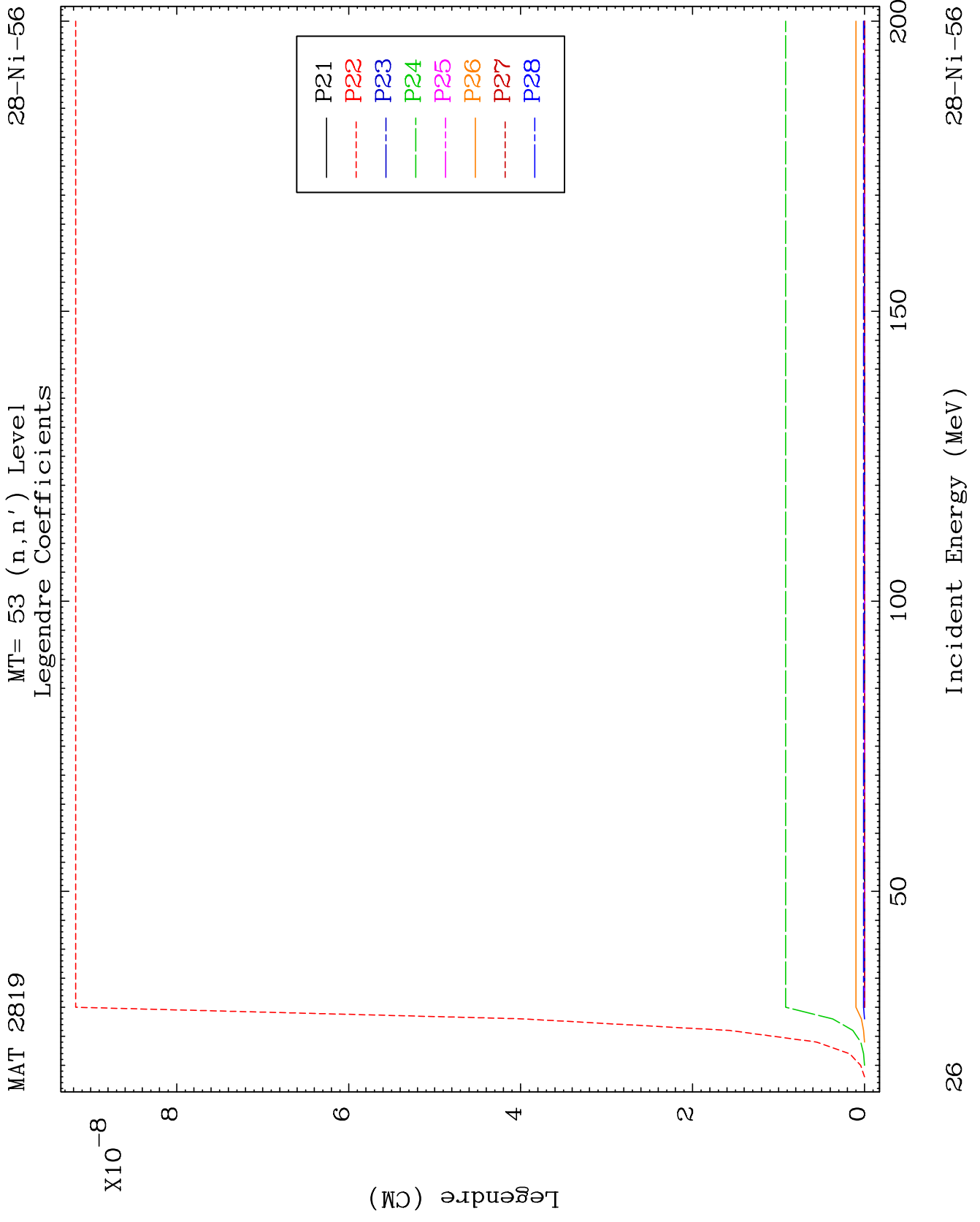
28-Ni-56



25

Incident Energy (MeV)

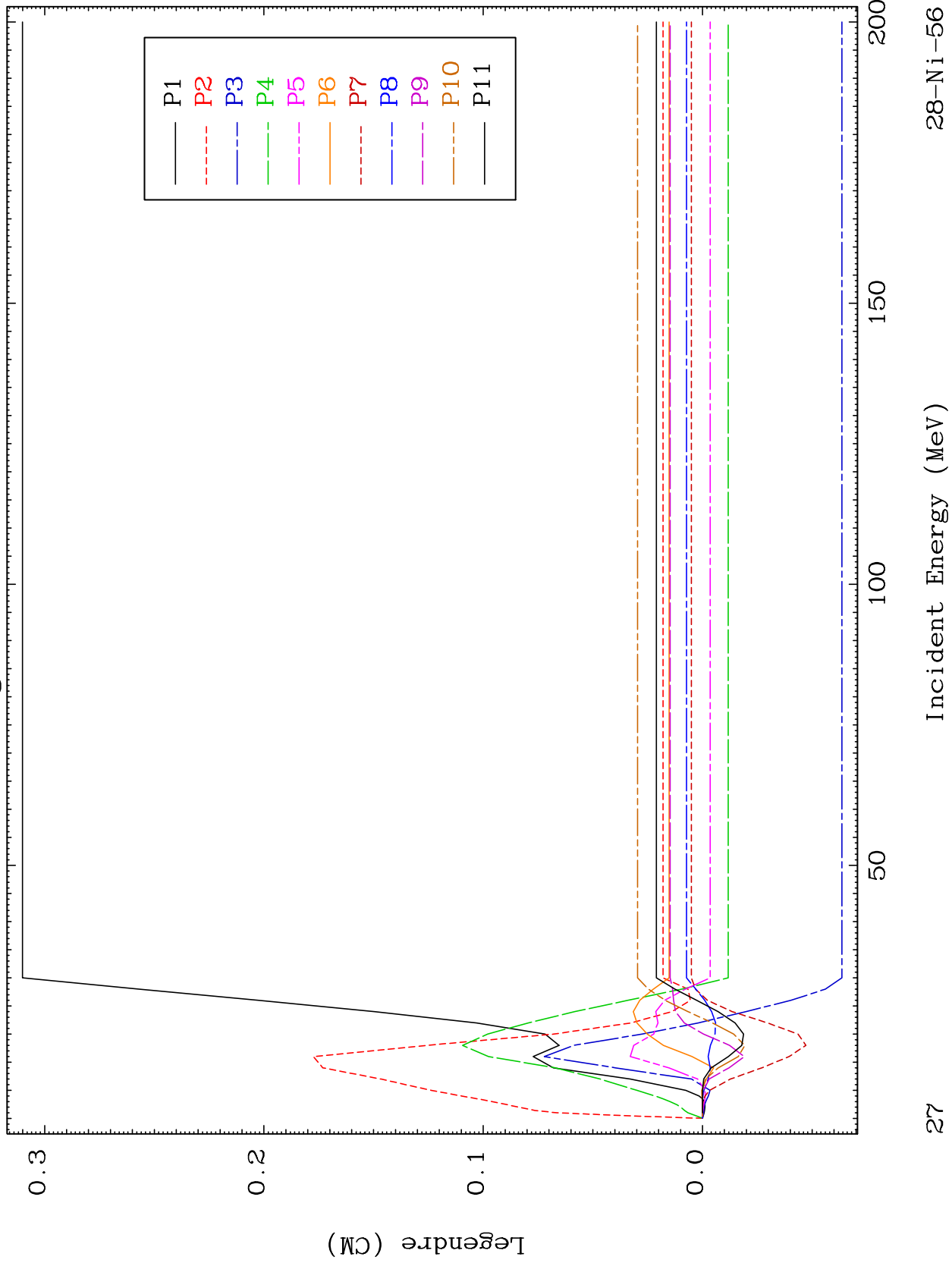
28-Ni-56



MAT 2819

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

28-Ni-56

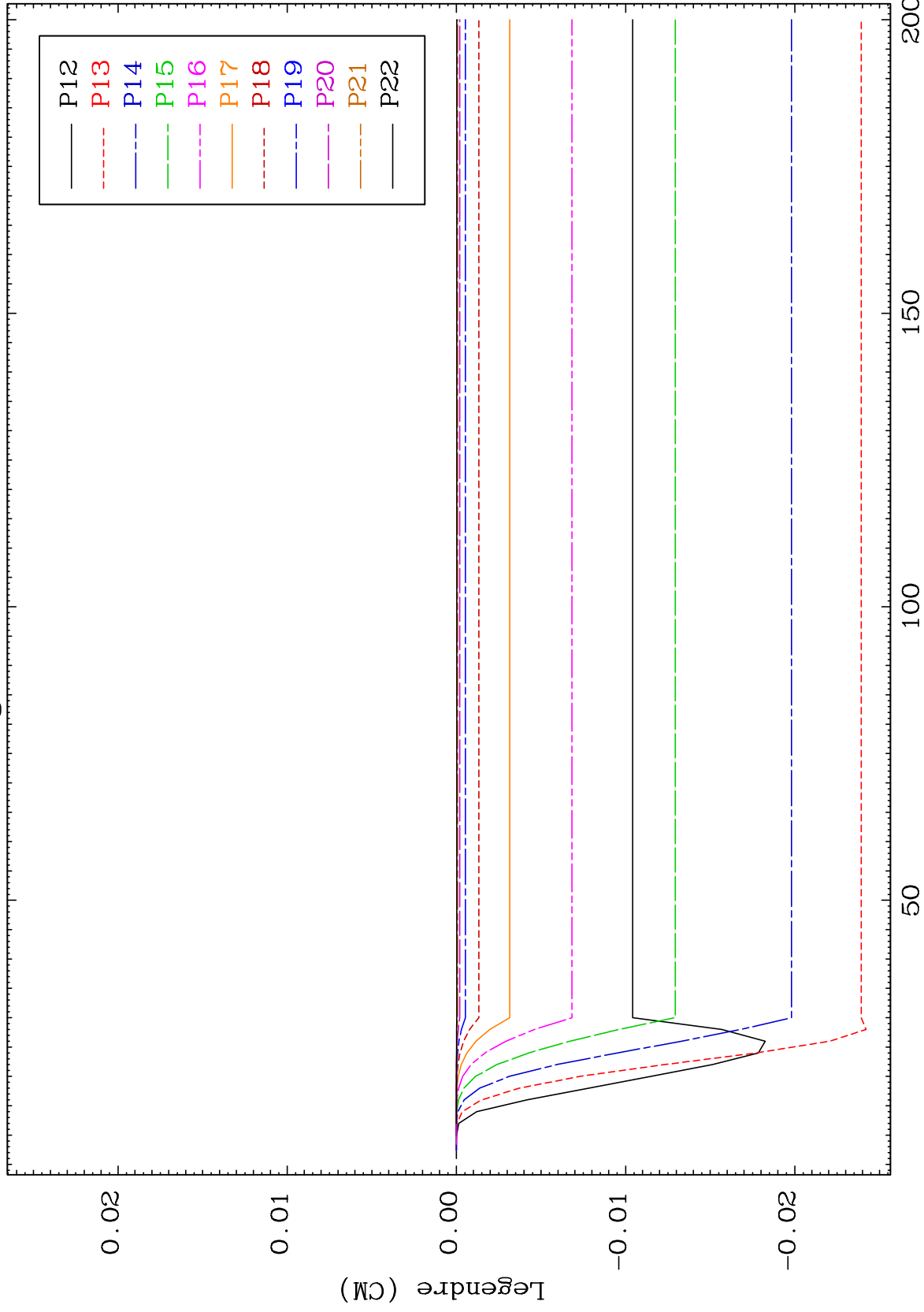


27

MAT 2819

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

28-Ni-56



28

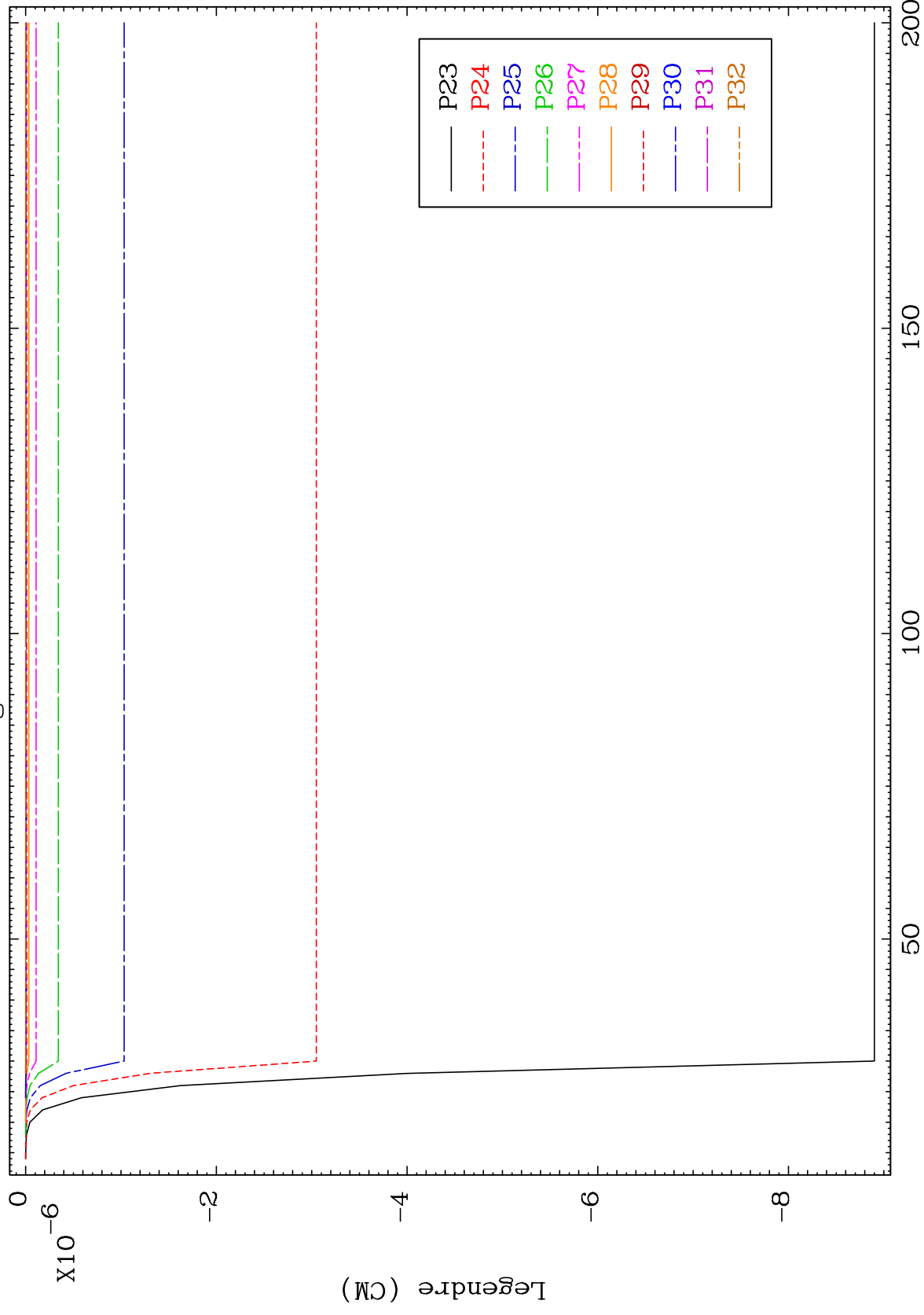
Incident Energy (MeV)

28-Ni-56

MAT 2819

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

28-Ni-56



29

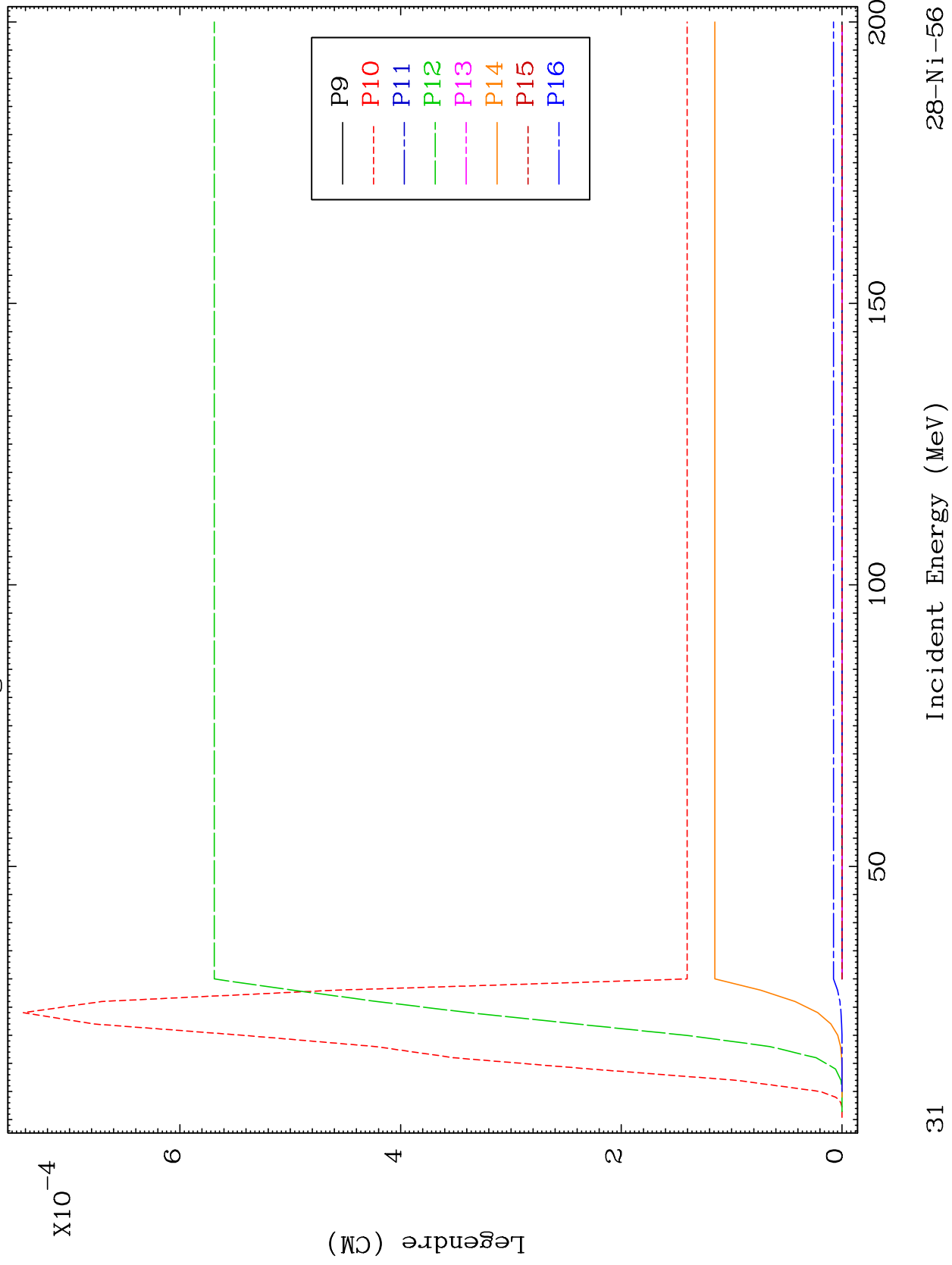
Incident Energy (MeV)

28-Ni-56

MAT 2819

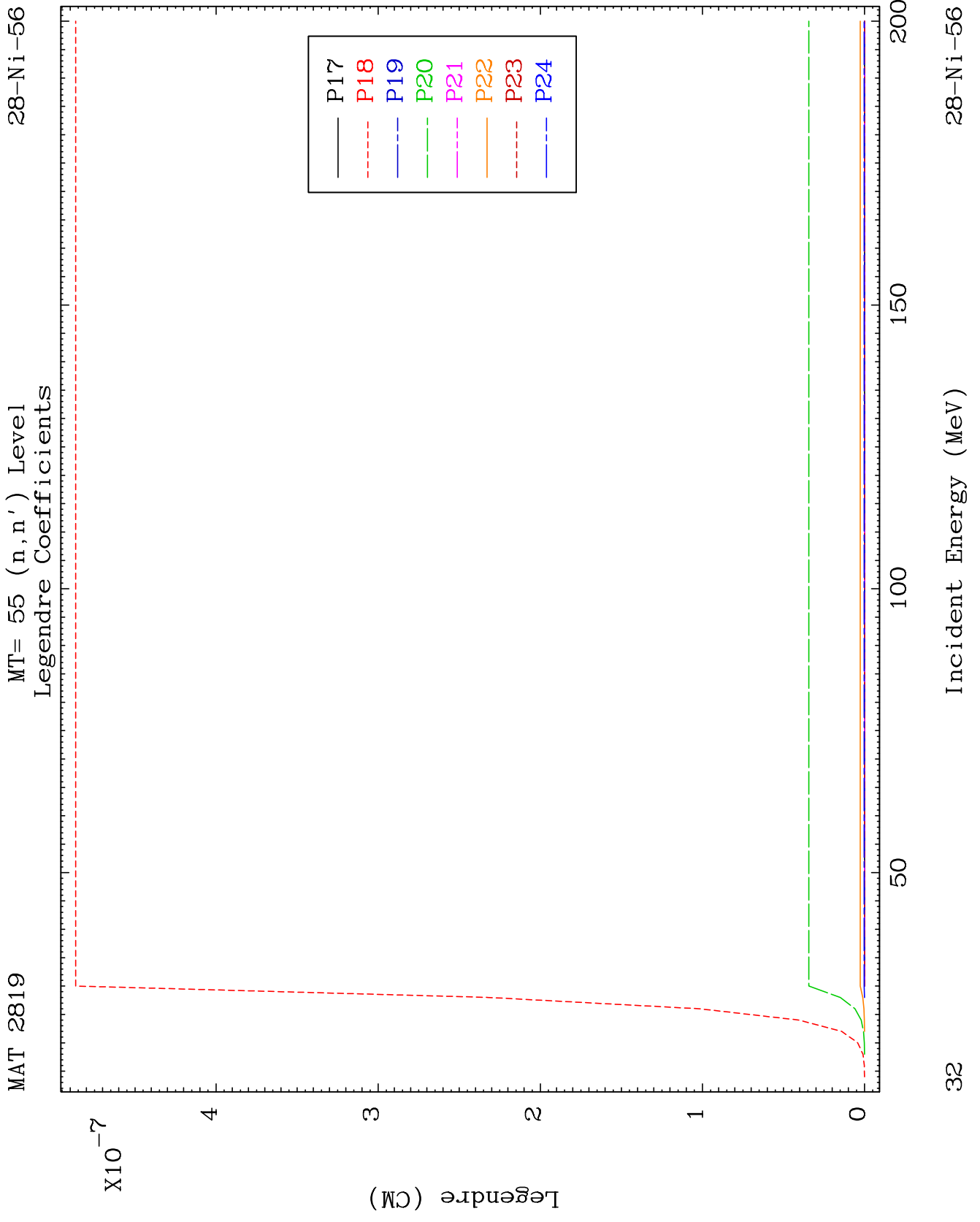
MT= 55 (n,n') Level
Legendre Coefficients

28-Ni-56



31

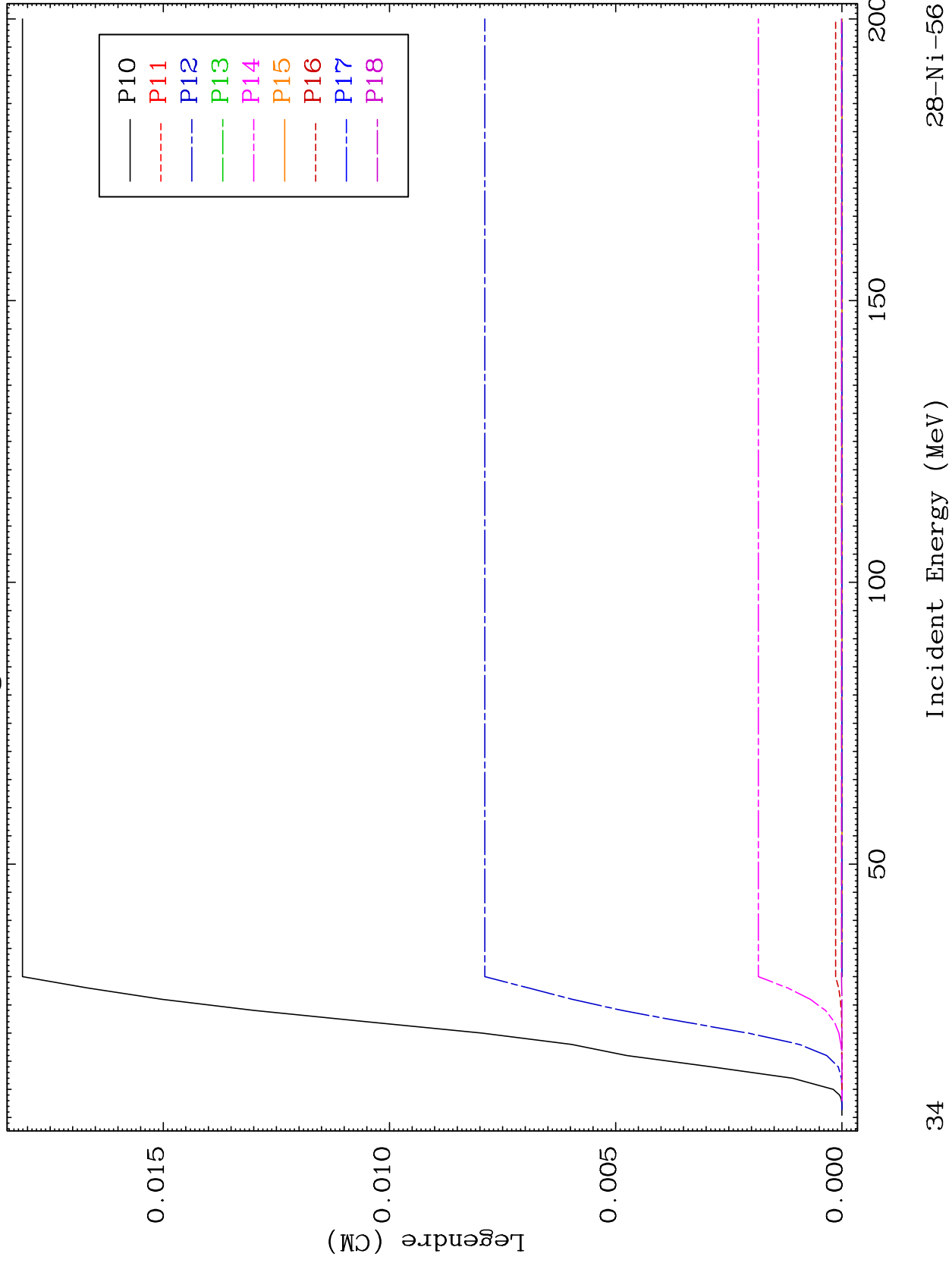
200



MAT 2819

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

28-Ni-56



34

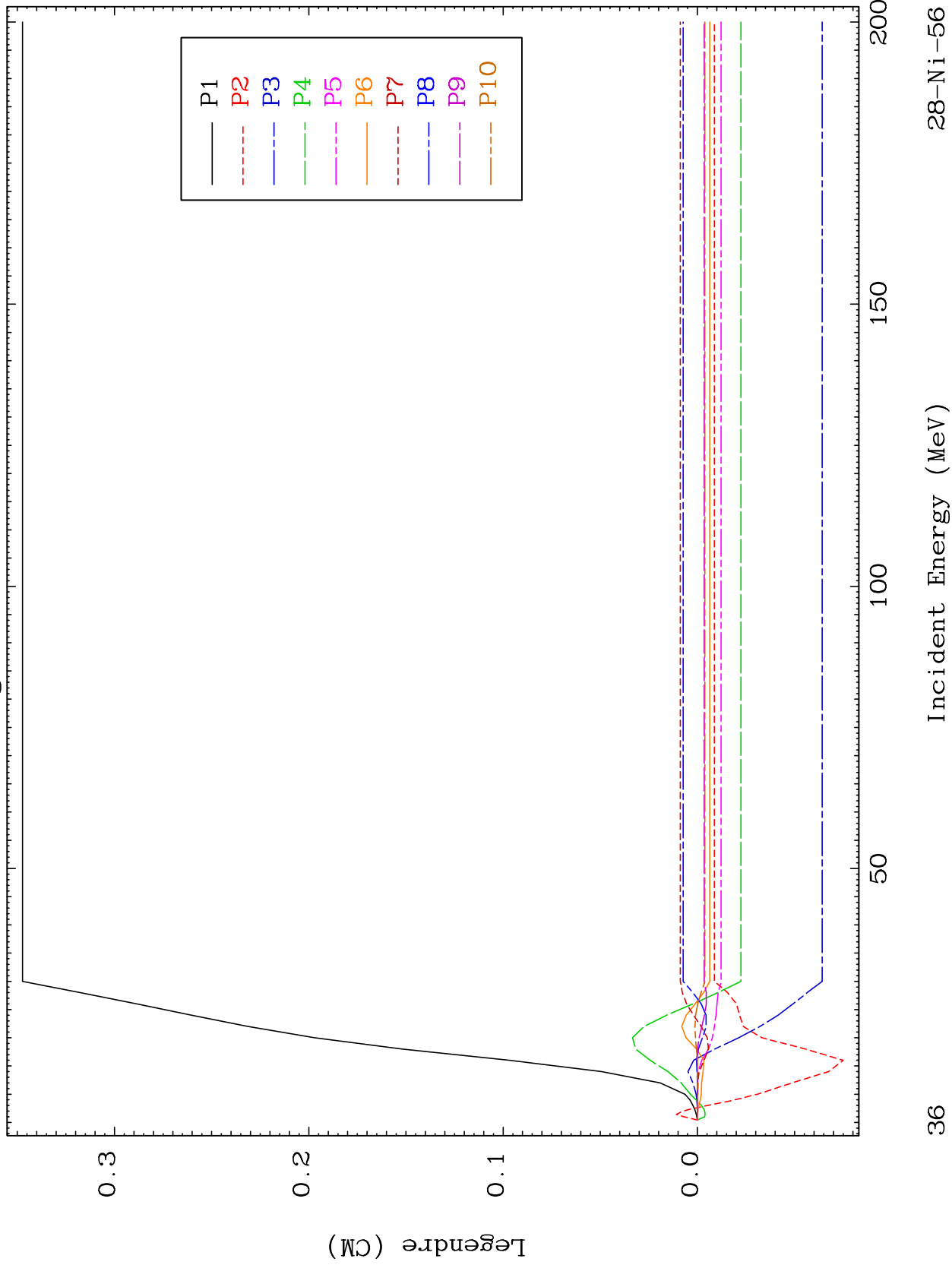
Incident Energy (MeV)

28-Ni-56

MAT 2819

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

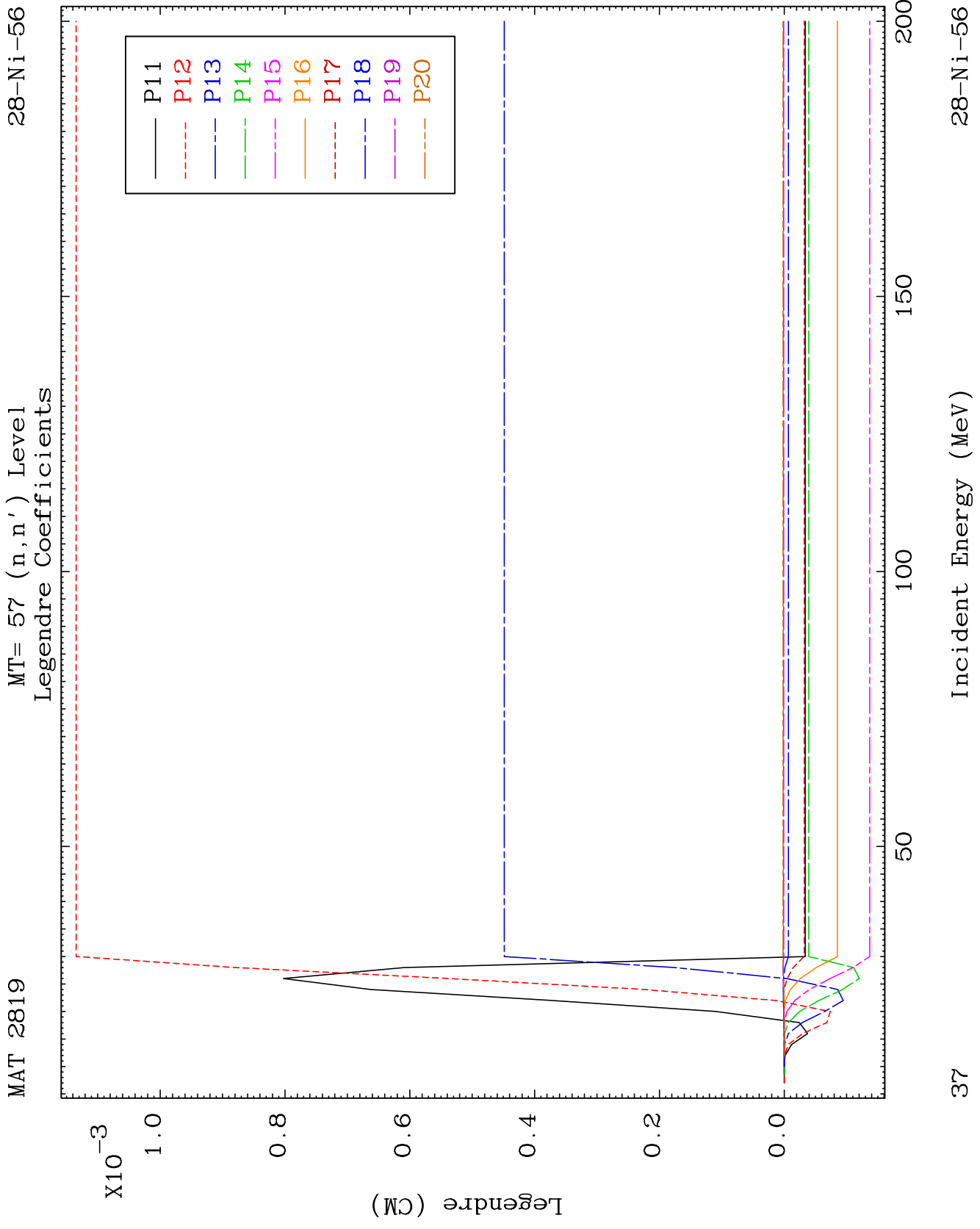
28-Ni-56



36

Incident Energy (MeV)

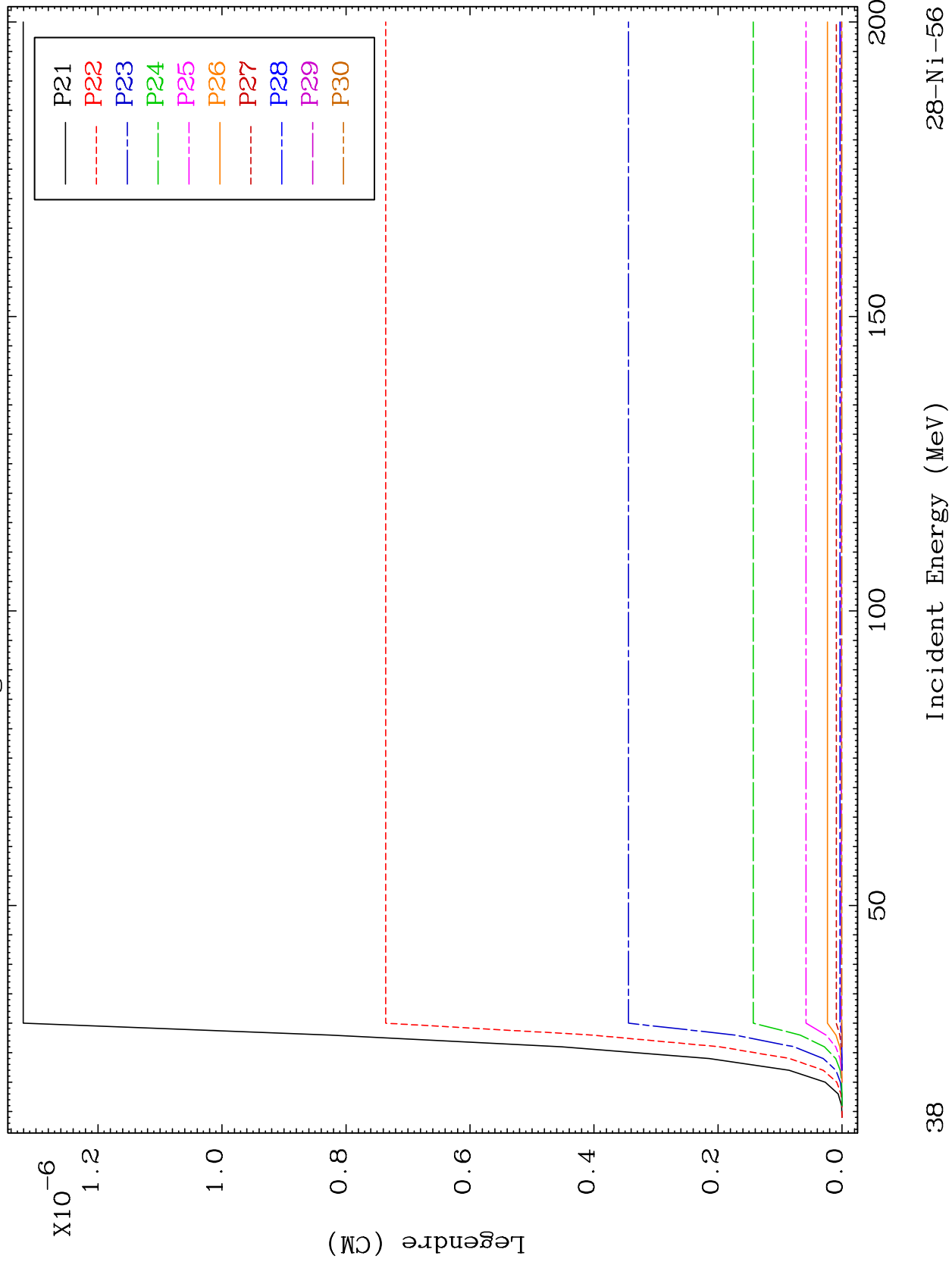
28-Ni-56



MAT 2819

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

28-Ni-56



38

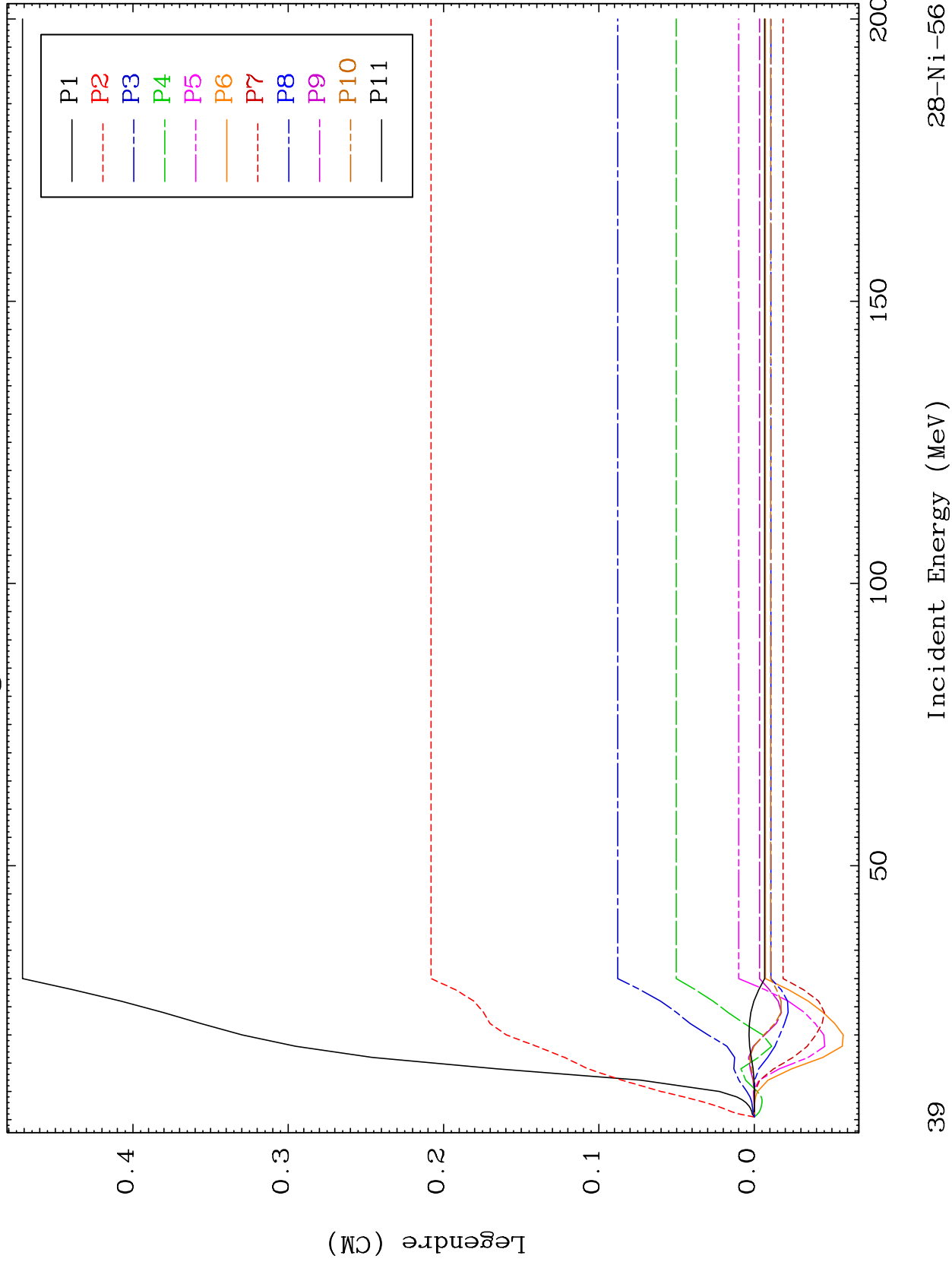
Incident Energy (MeV)

28-Ni-56

MAT 2819

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

28-Ni-56



39

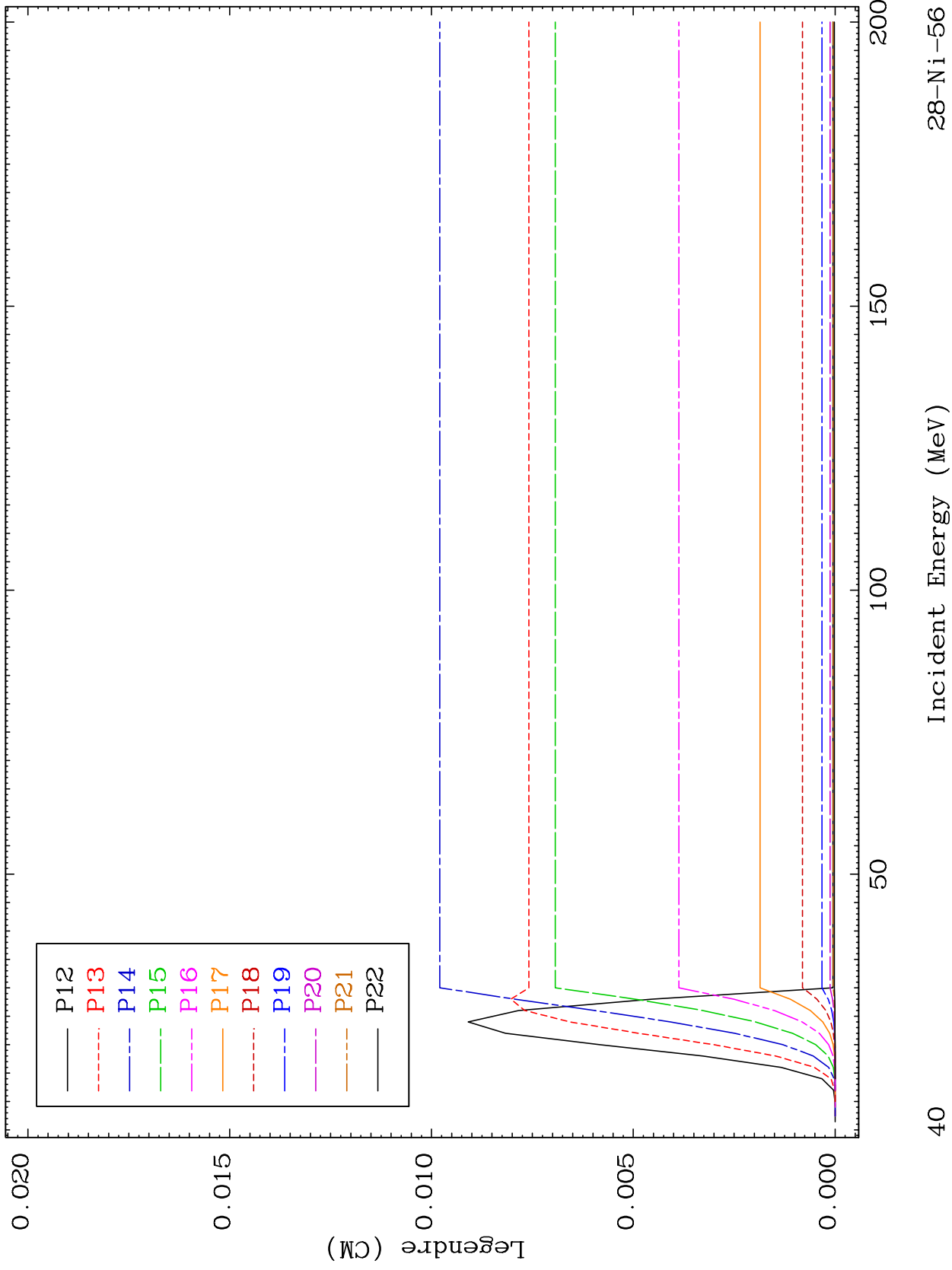
Incident Energy (MeV)

28-Ni-56

MAT 2819

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

28-Ni-56



40

Incident Energy (MeV)

50

100

150

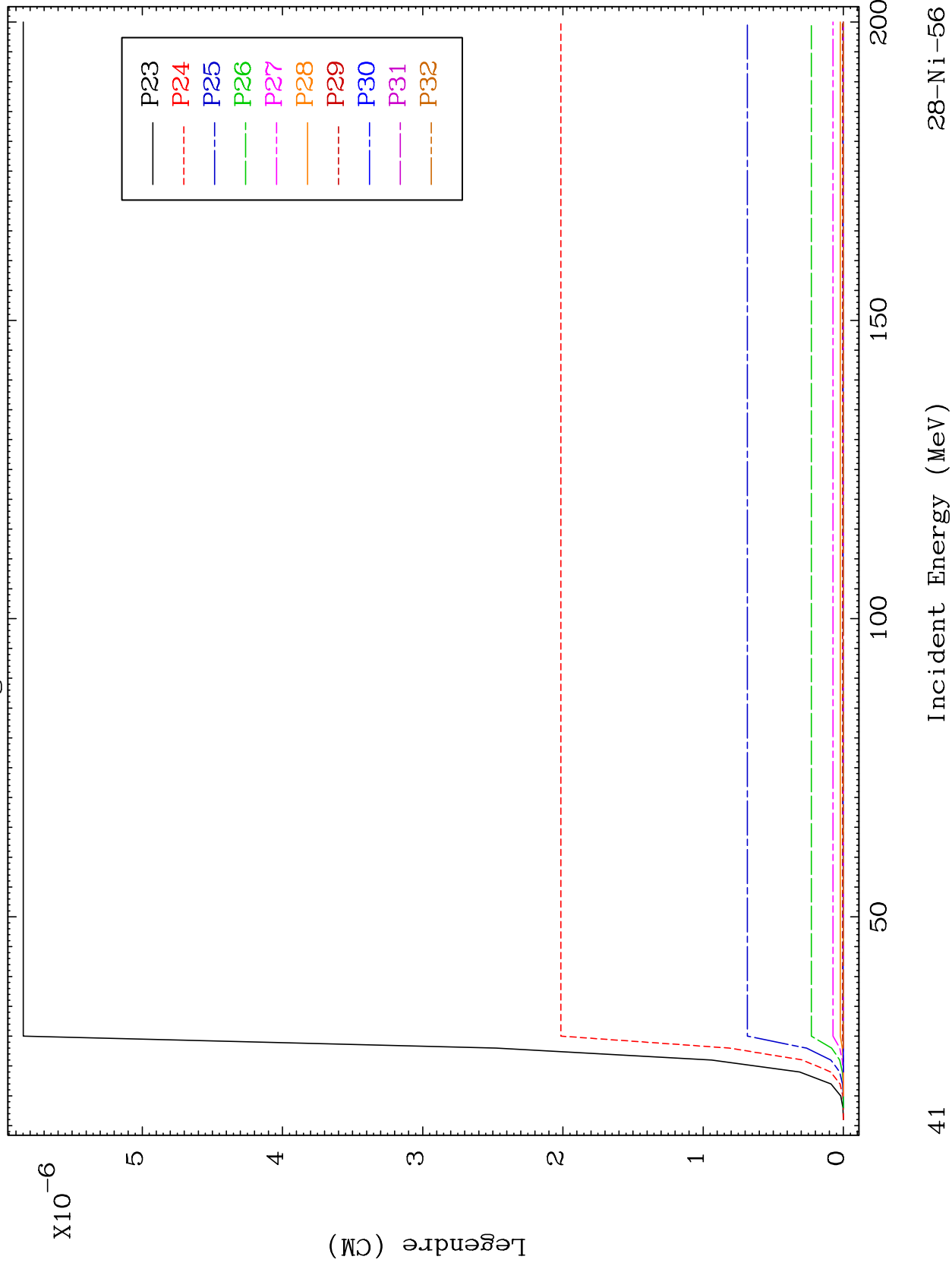
200

28-Ni-56

MAT 2819

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

28-Ni-56

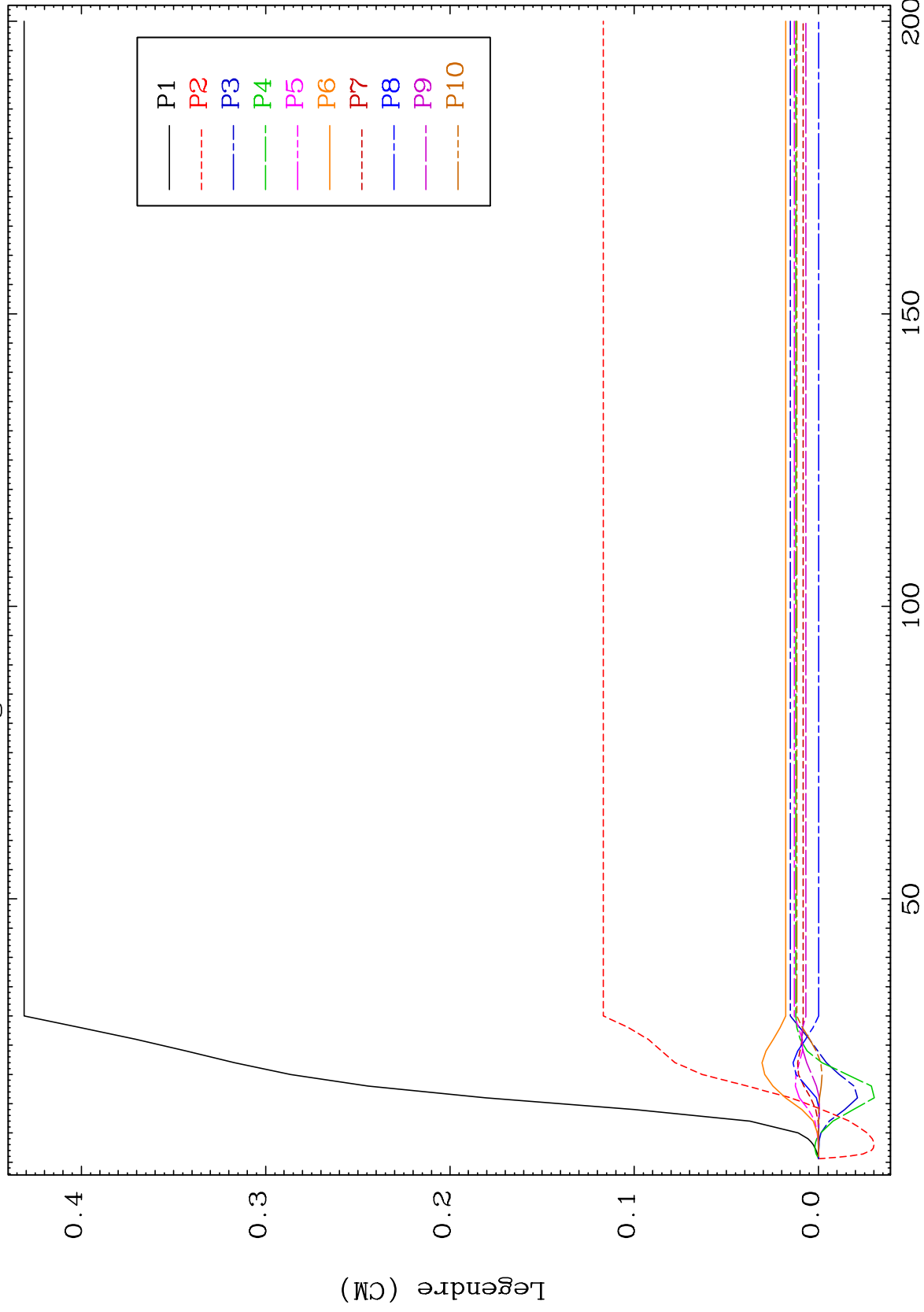


41

MAT 2819

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

28-Ni-56



42

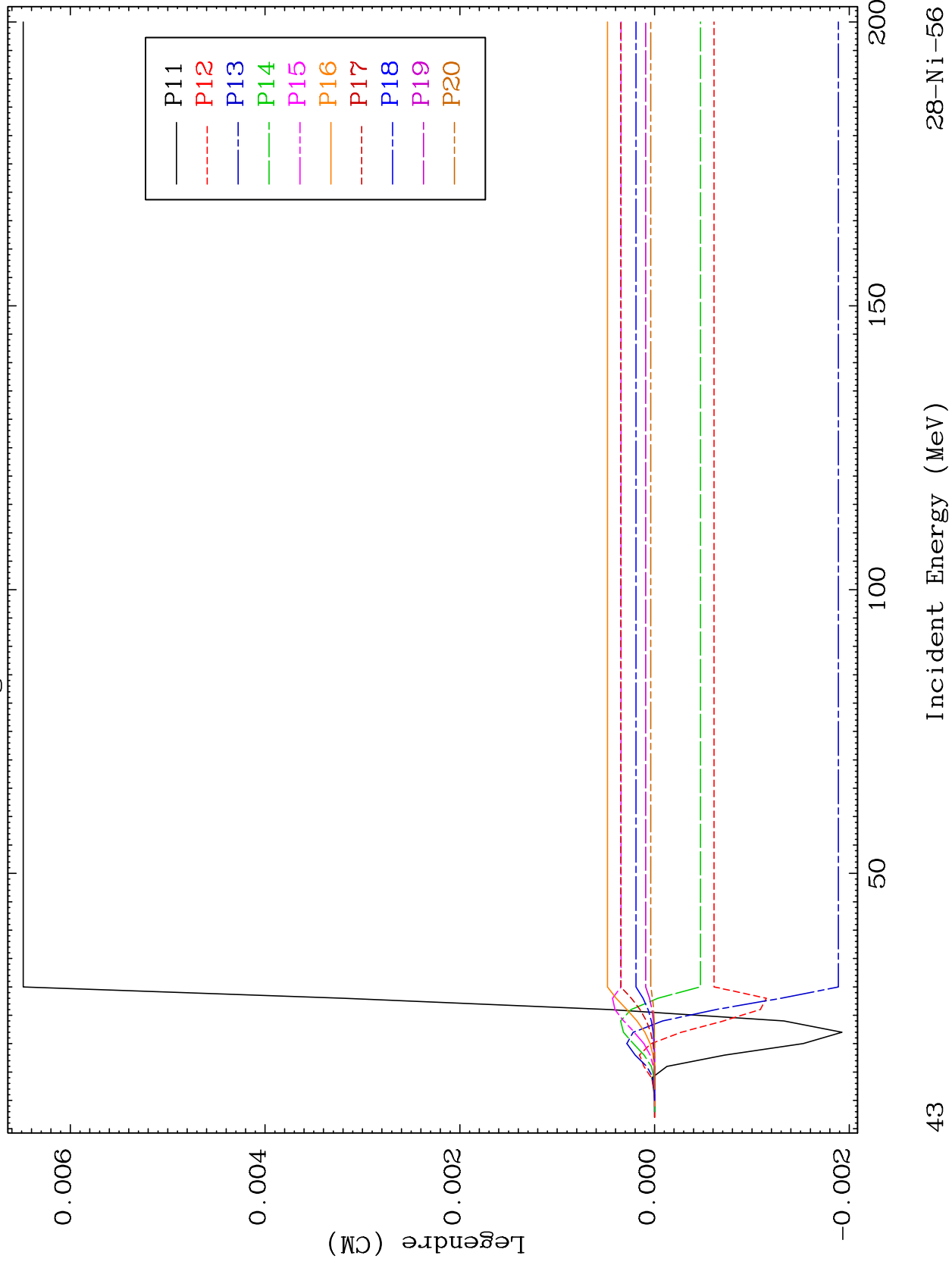
Incident Energy (MeV)

28-Ni-56

MAT 2819

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

28-Ni-56



43

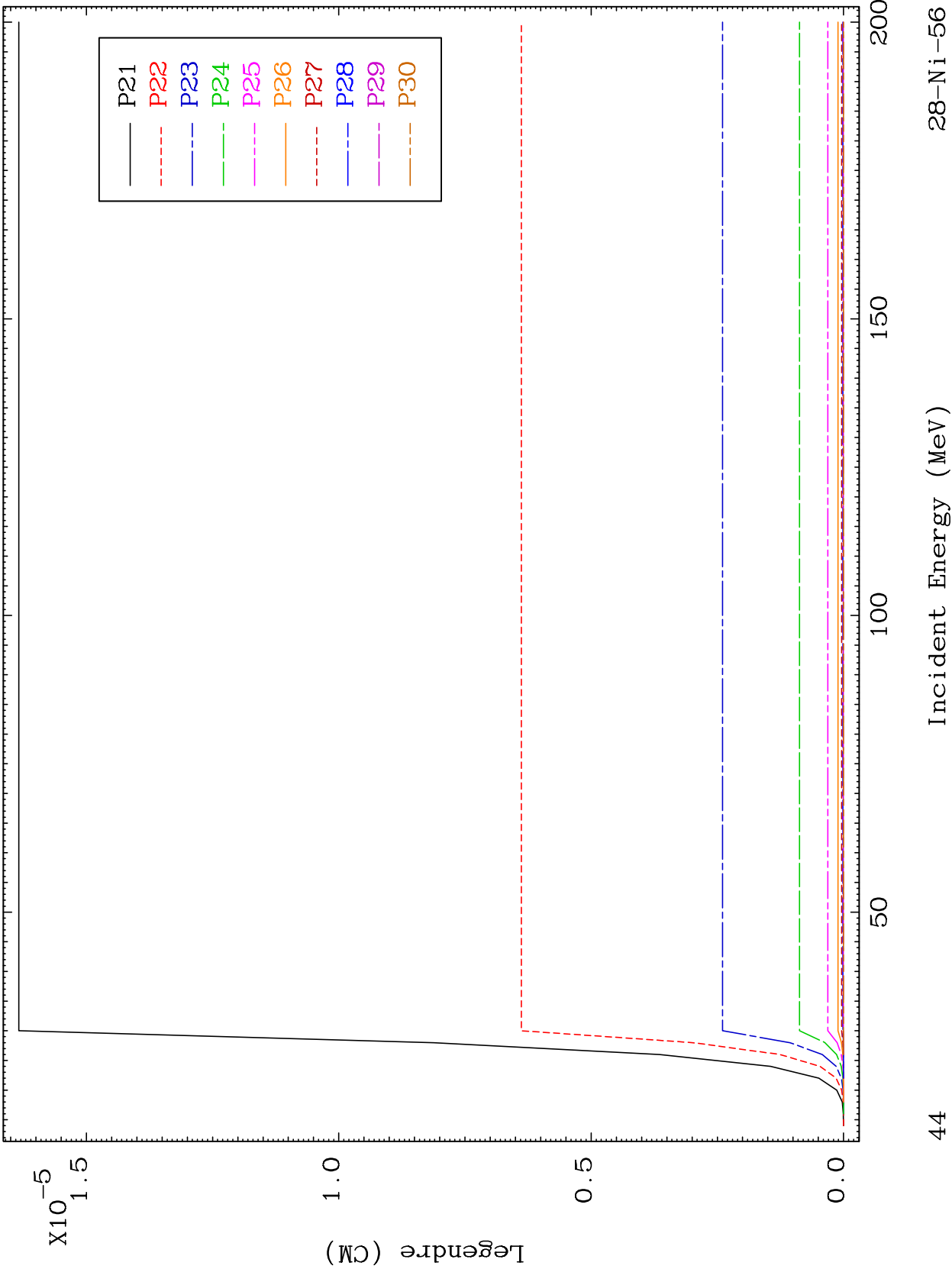
Incident Energy (MeV)

28-Ni-56

MAT 2819

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

28-Ni-56



44

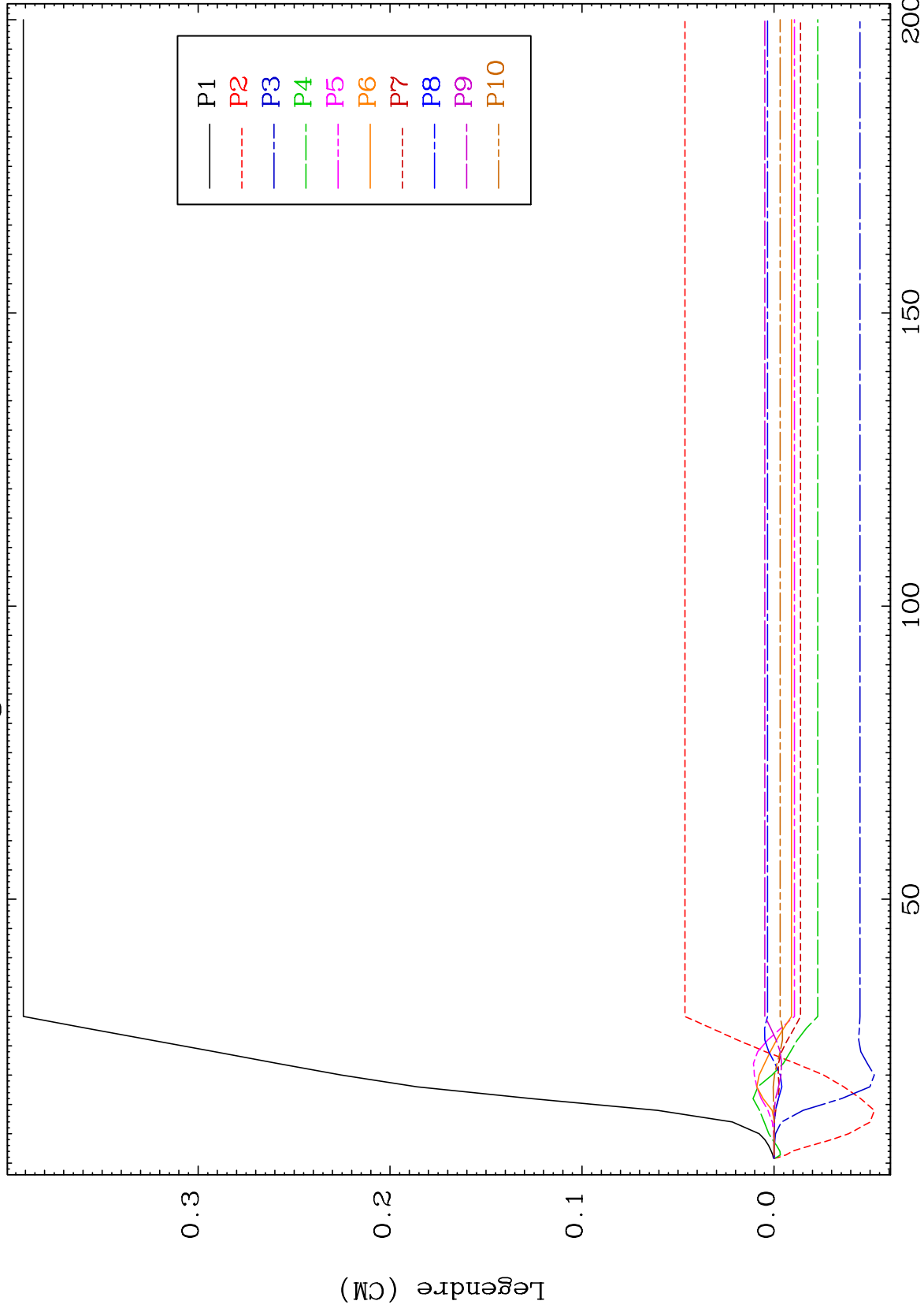
Incident Energy (MeV)

28-Ni-56

MAT 2819

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

28-Ni-56



45

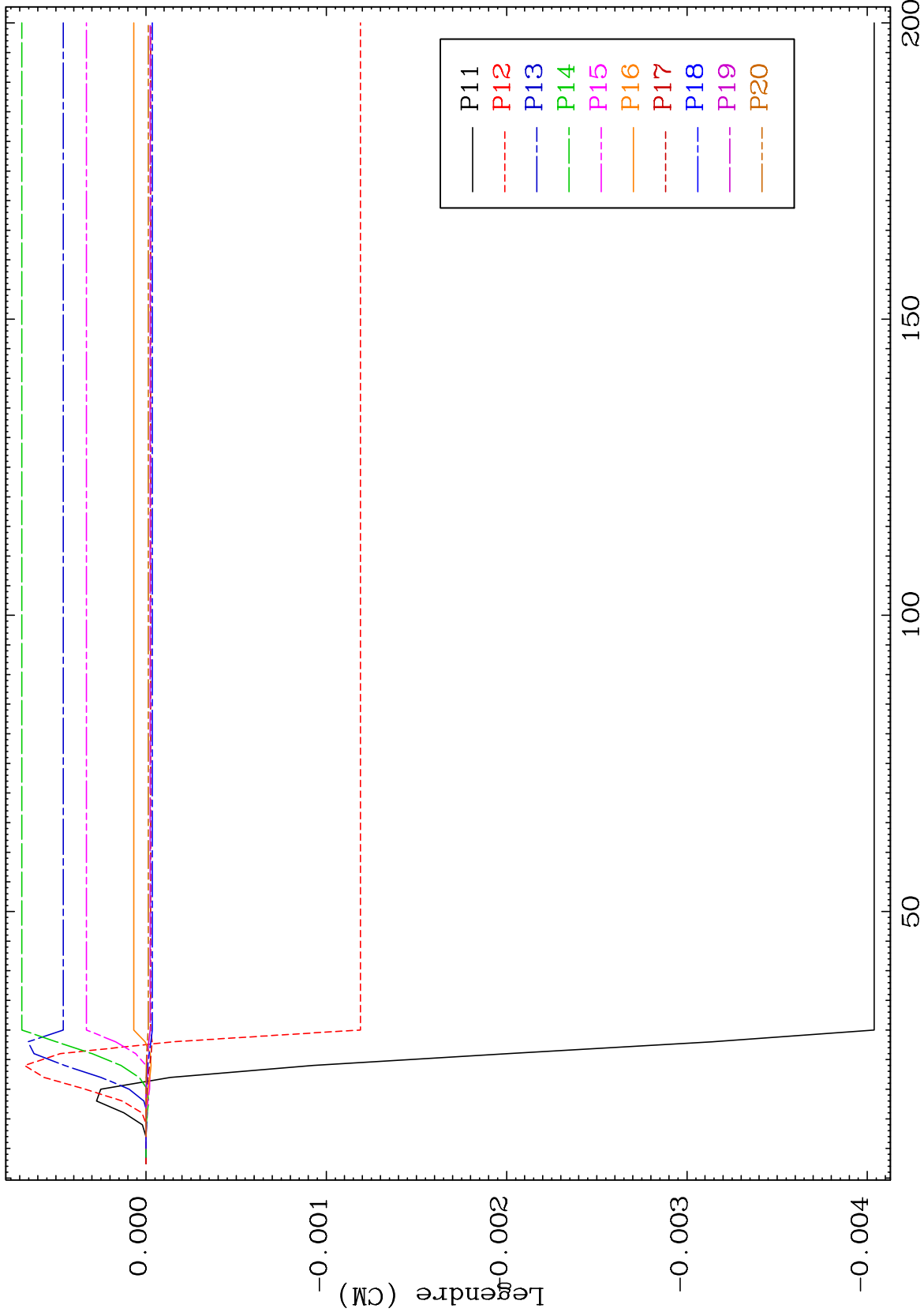
Incident Energy (MeV)

28-Ni-56

MAT 2819

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

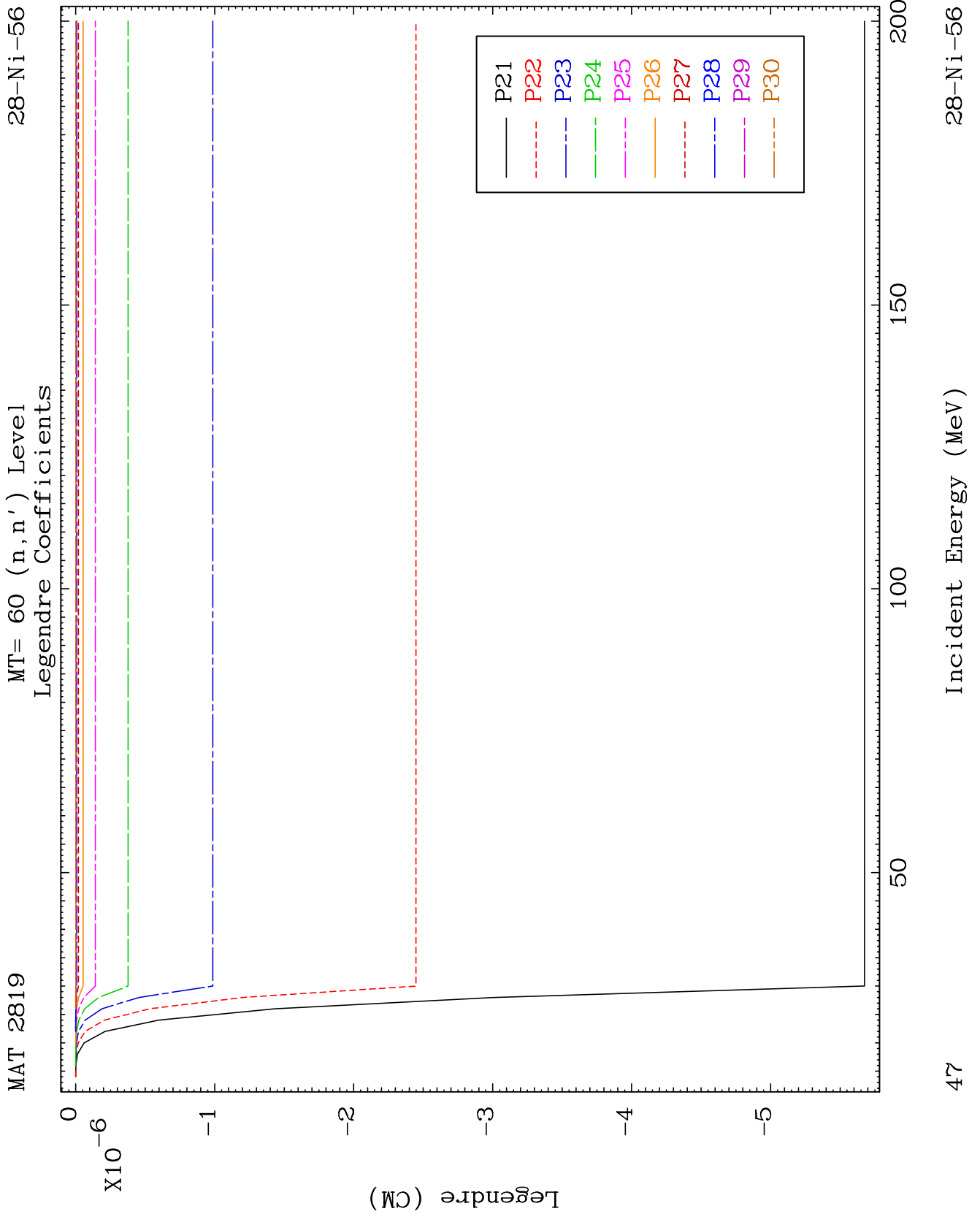
28-Ni-56



46

Incident Energy (MeV)

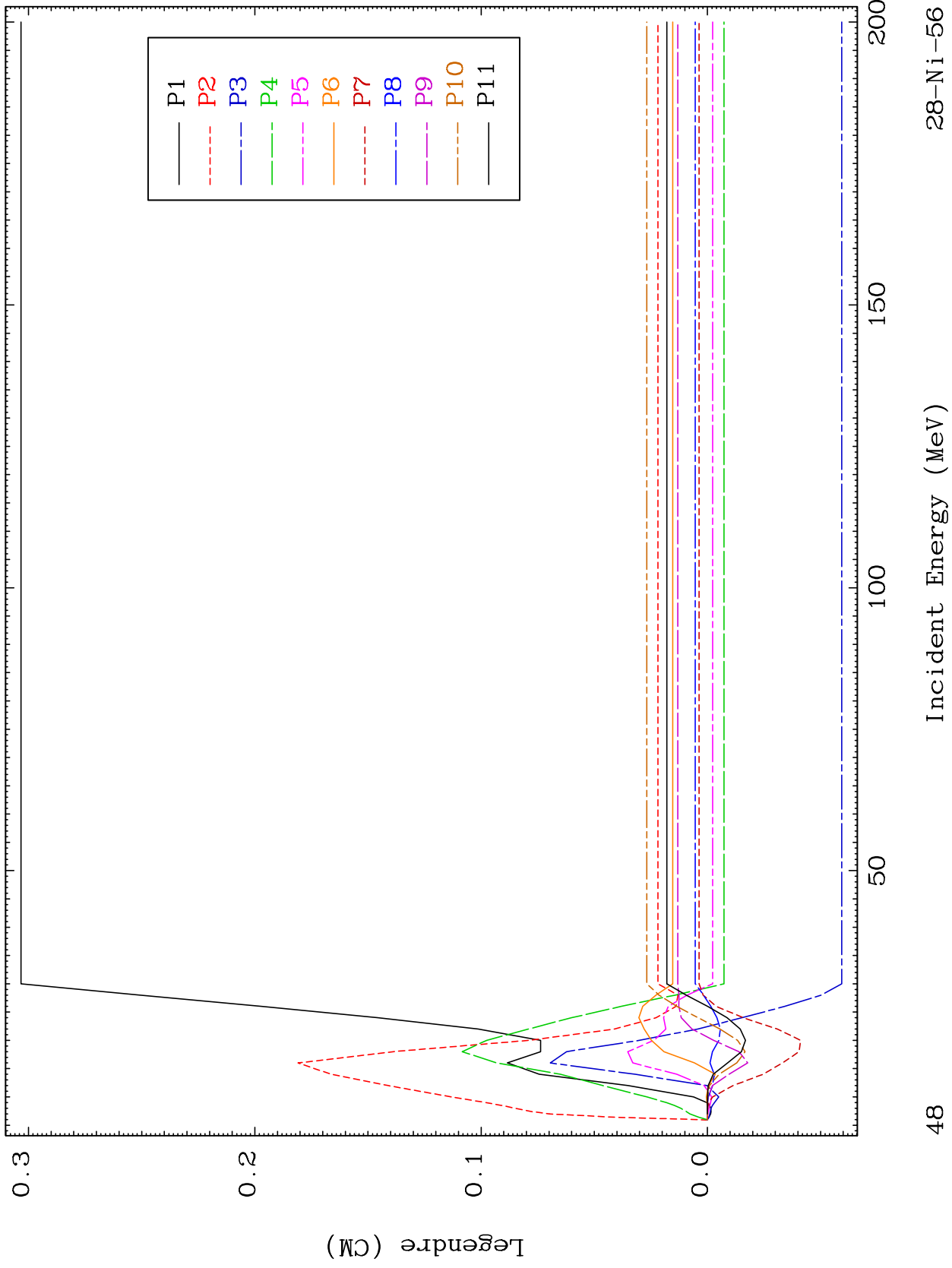
28-Ni-56



MAT 2819

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

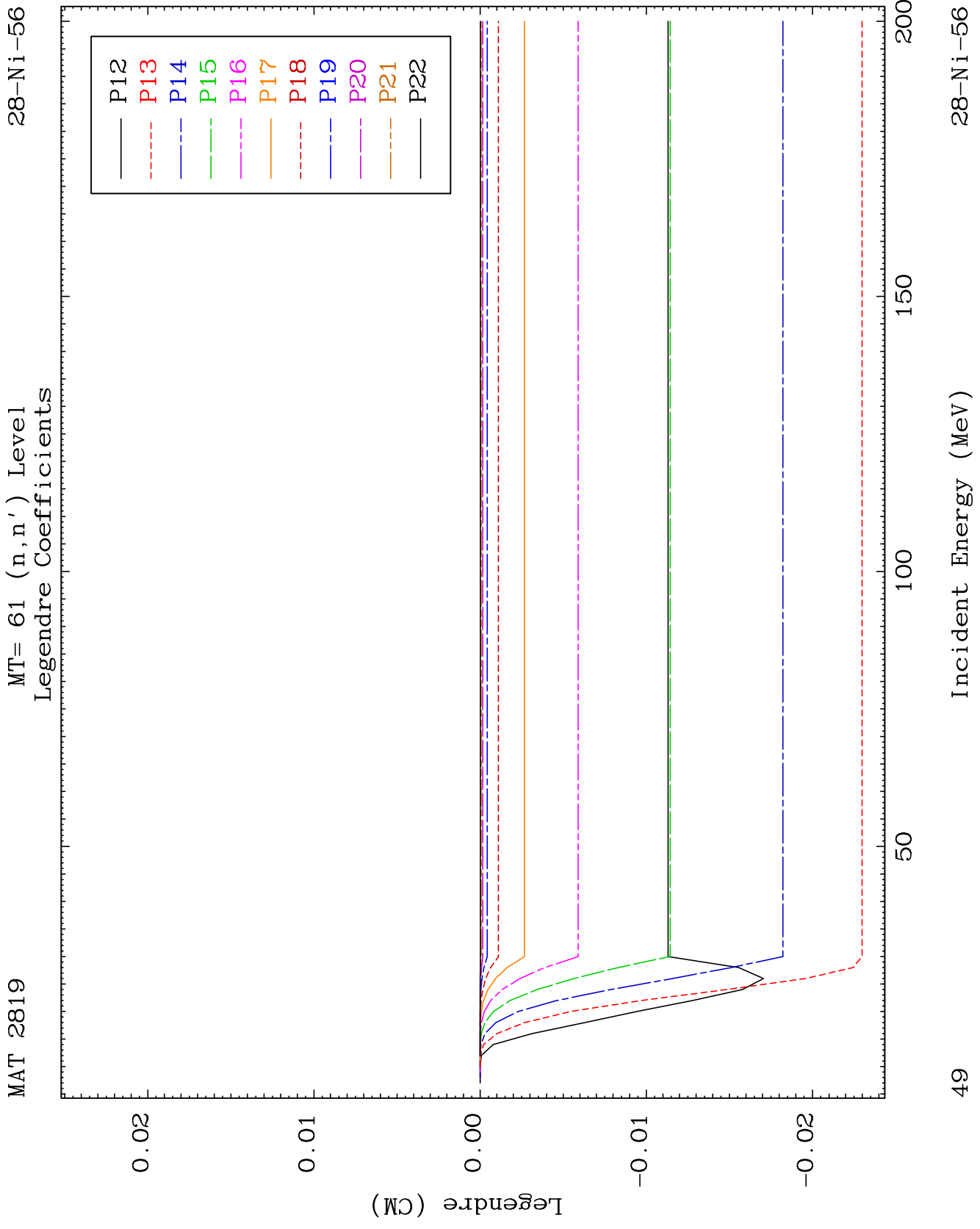
28-Ni-56



28-Ni-56

Incident Energy (MeV)

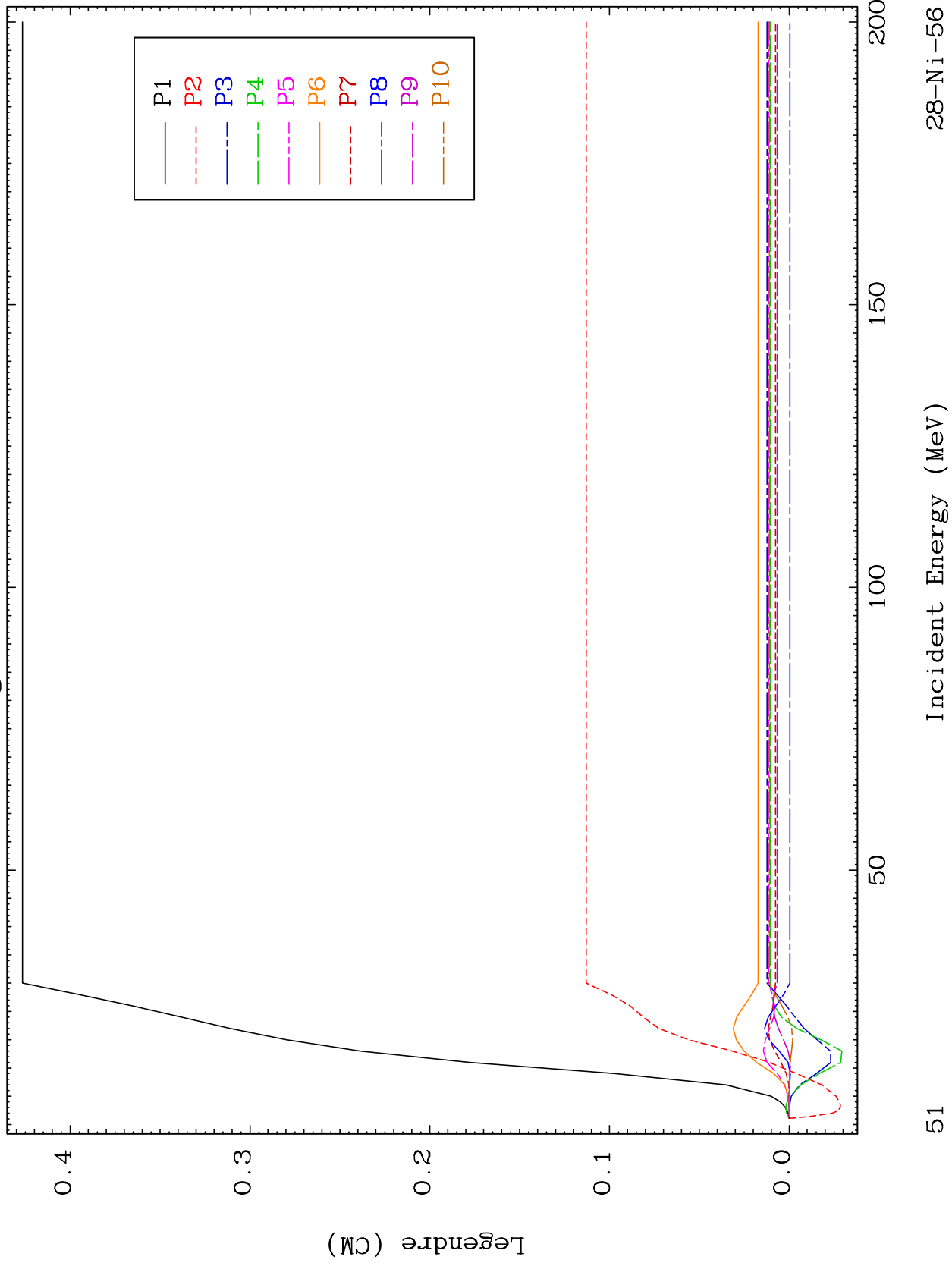
48



MAT 2819

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

28-Ni-56



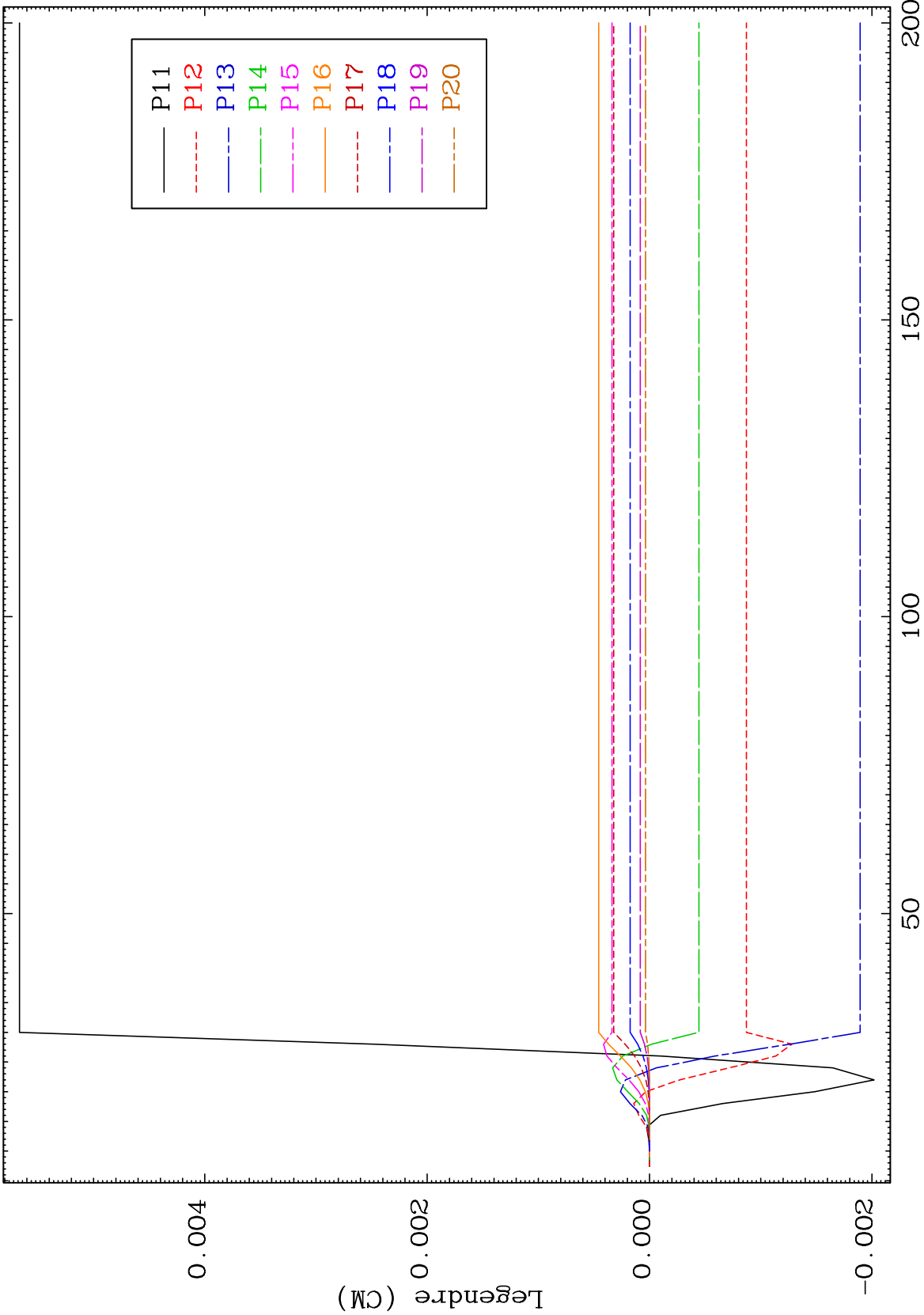
51

28-Ni-56

MAT 2819

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

28-Ni-56



52

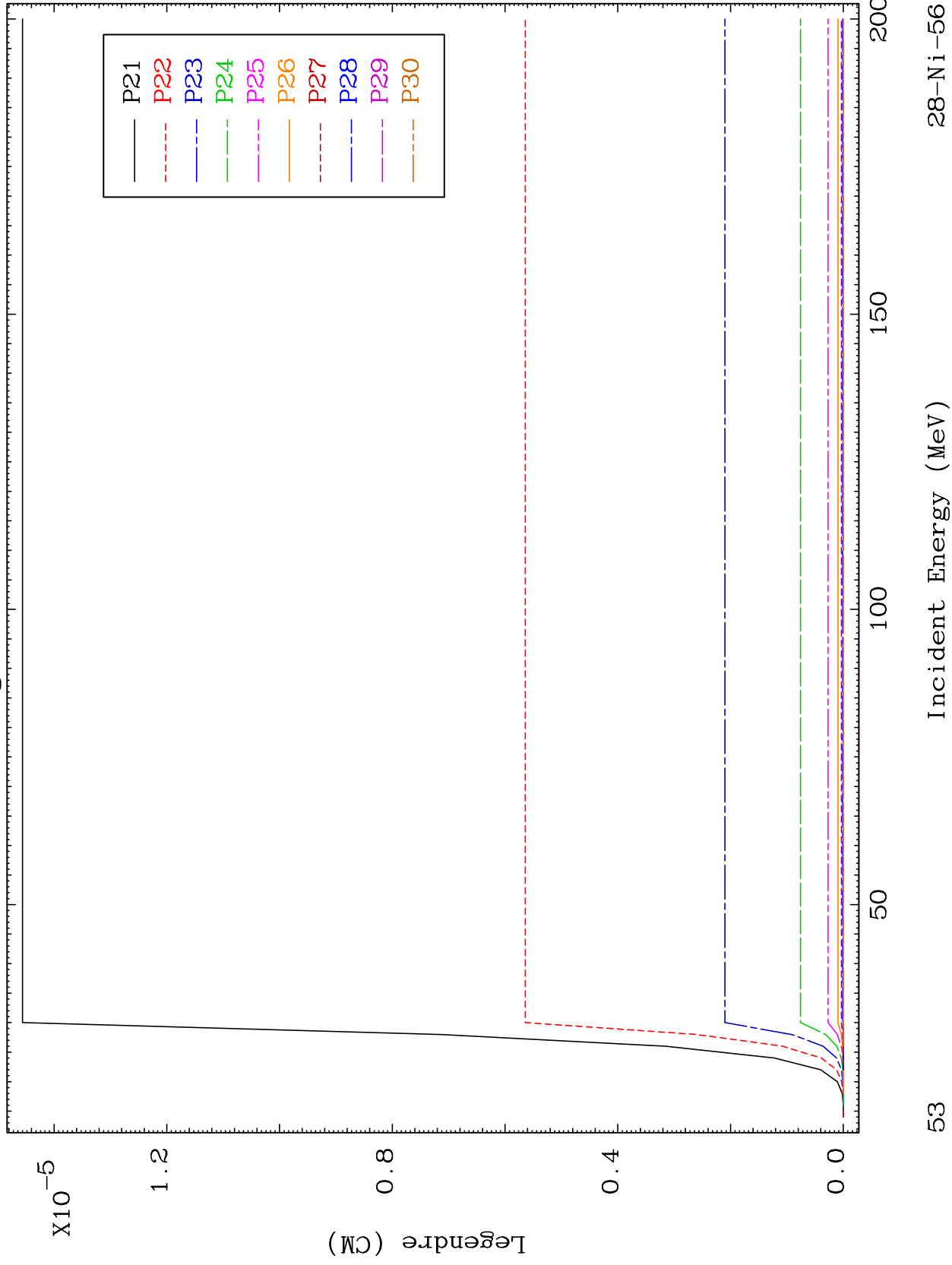
Incident Energy (MeV)

28-Ni-56

MAT 2819

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

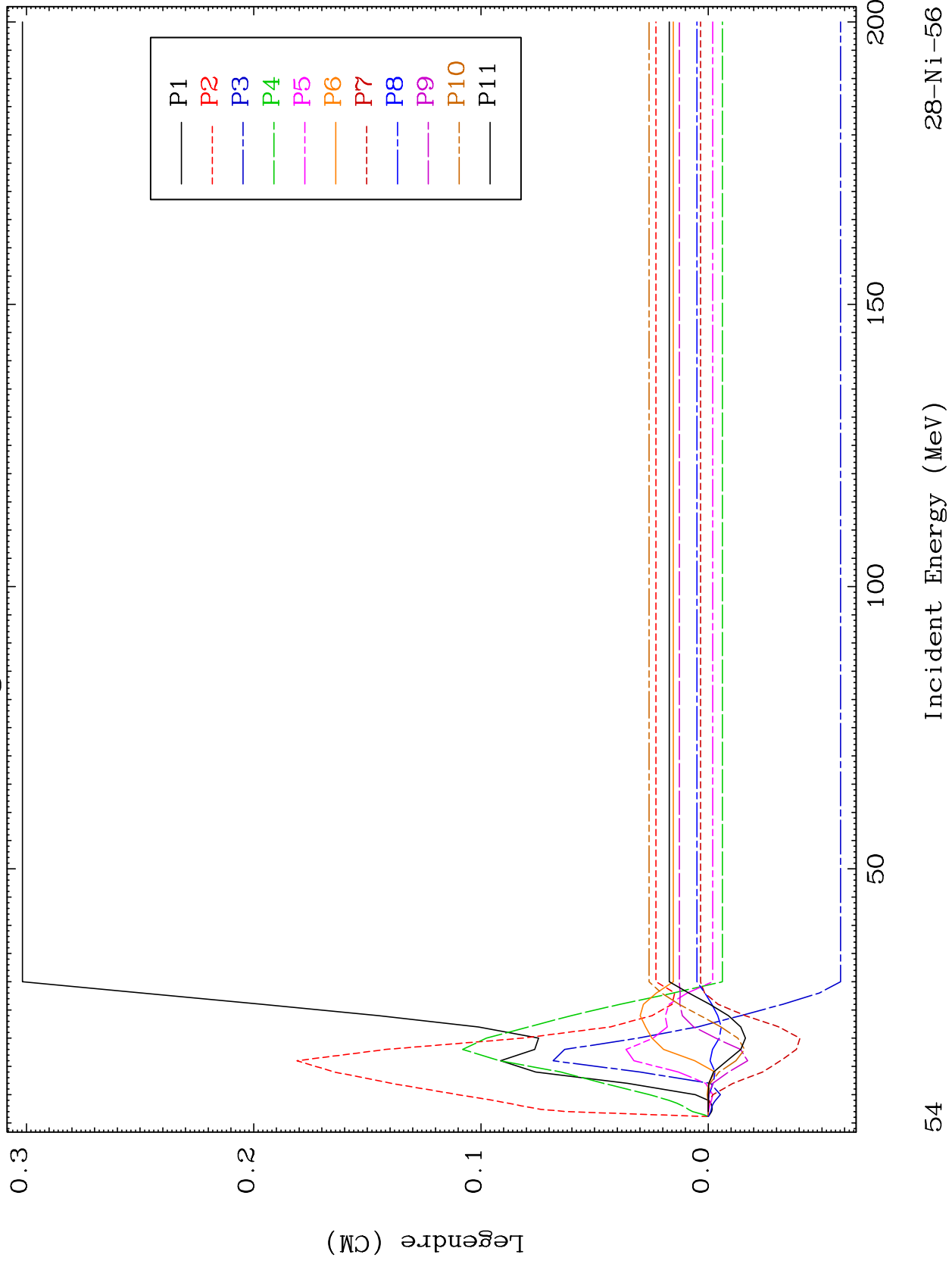
28-Ni-56



MAT 2819

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

28-Ni-56



54

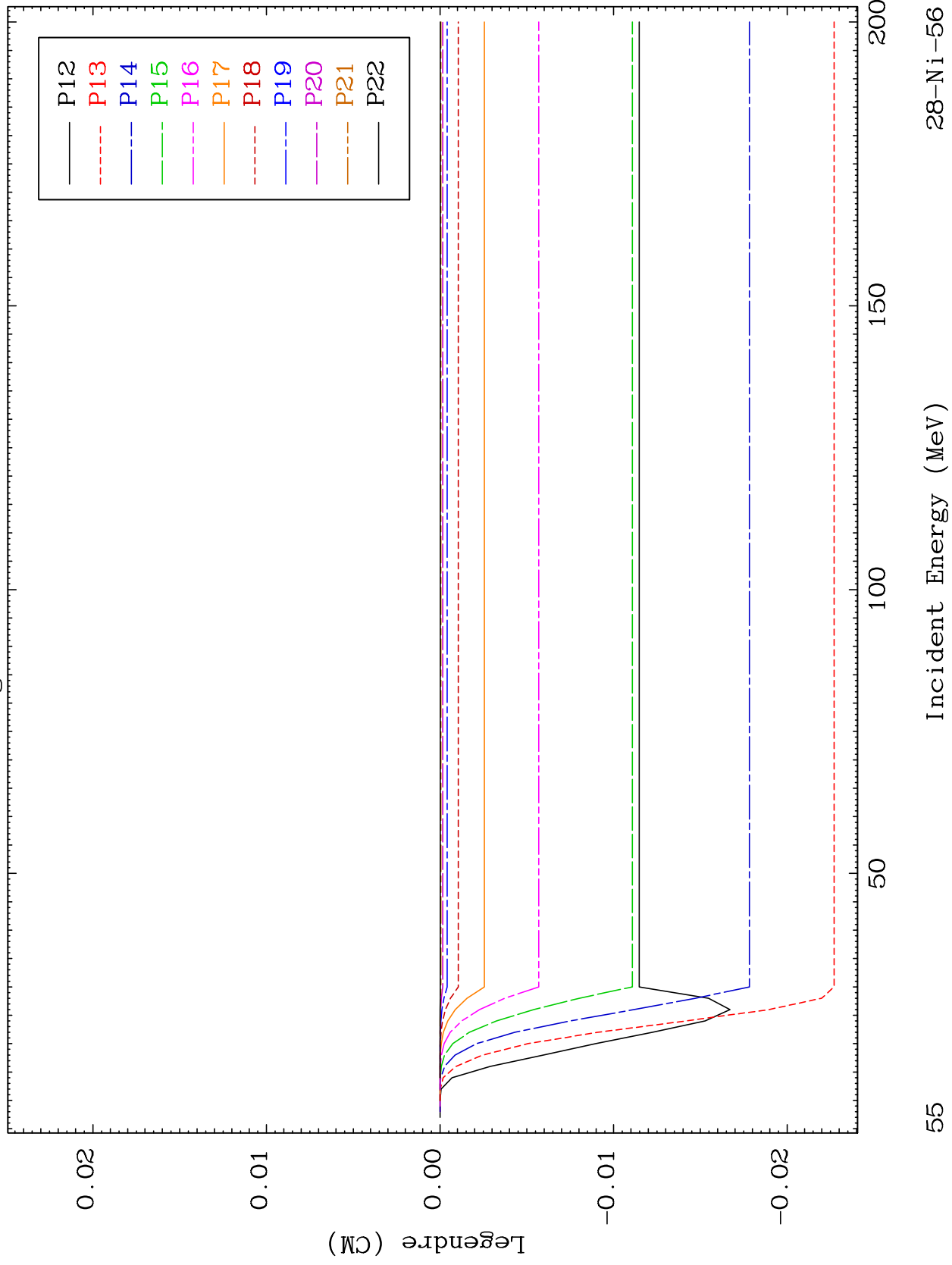
Incident Energy (MeV)

28-Ni-56

MAT 2819

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

28-Ni-56



55

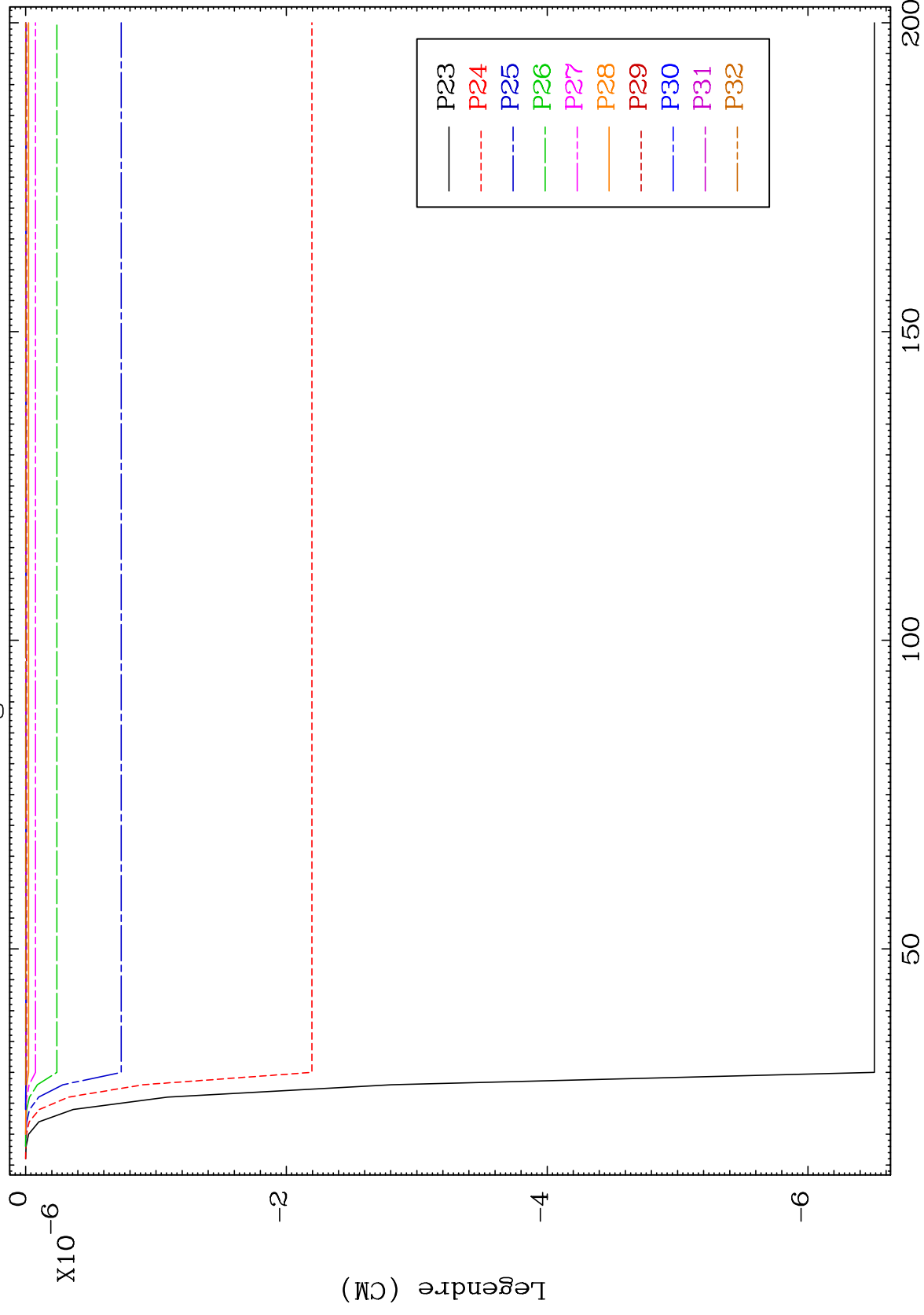
Incident Energy (MeV)

28-Ni-56

MAT 2819

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

28-Ni-56



56

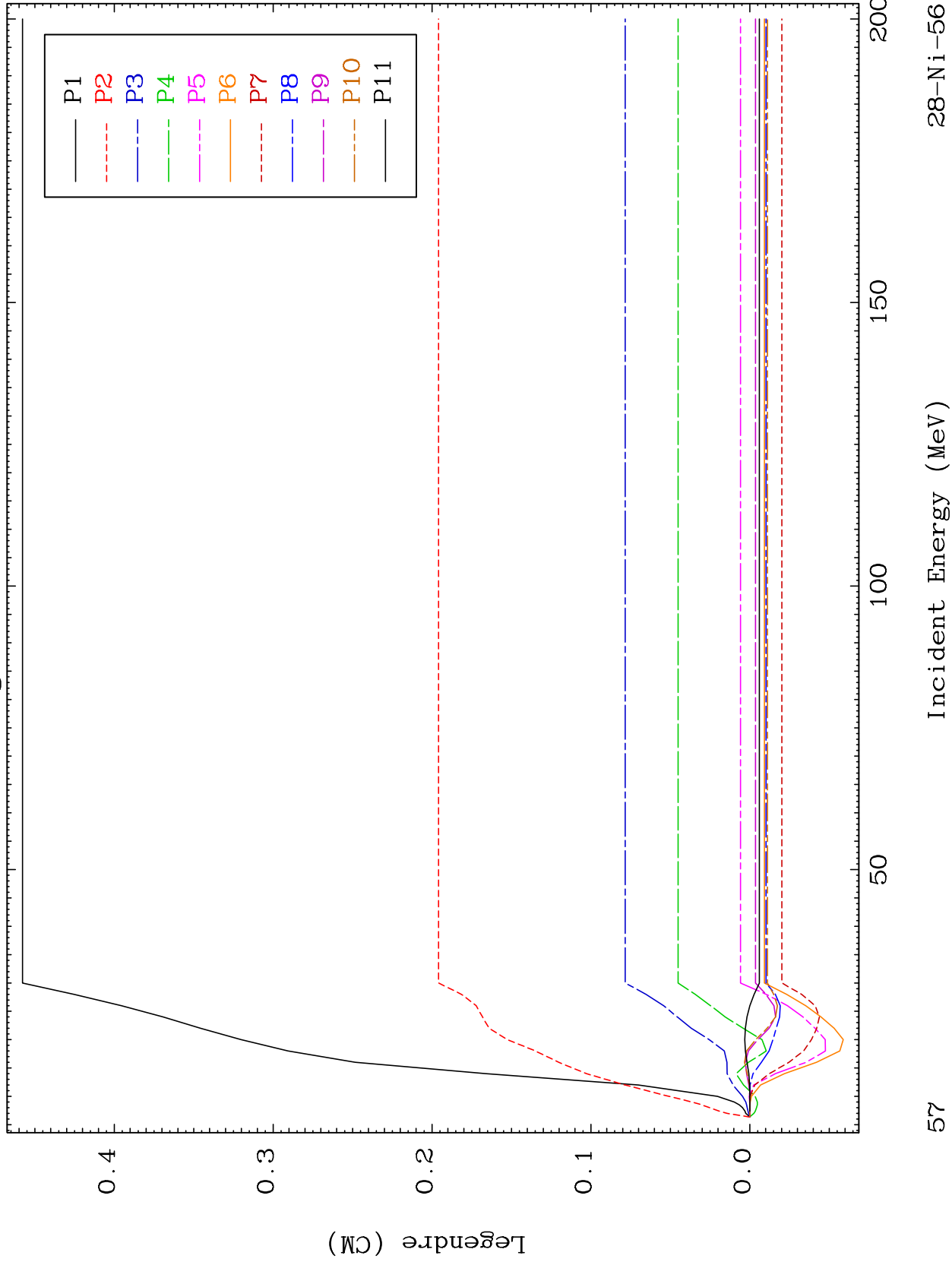
Incident Energy (MeV)

28-Ni-56

MAT 2819

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

28-Ni-56



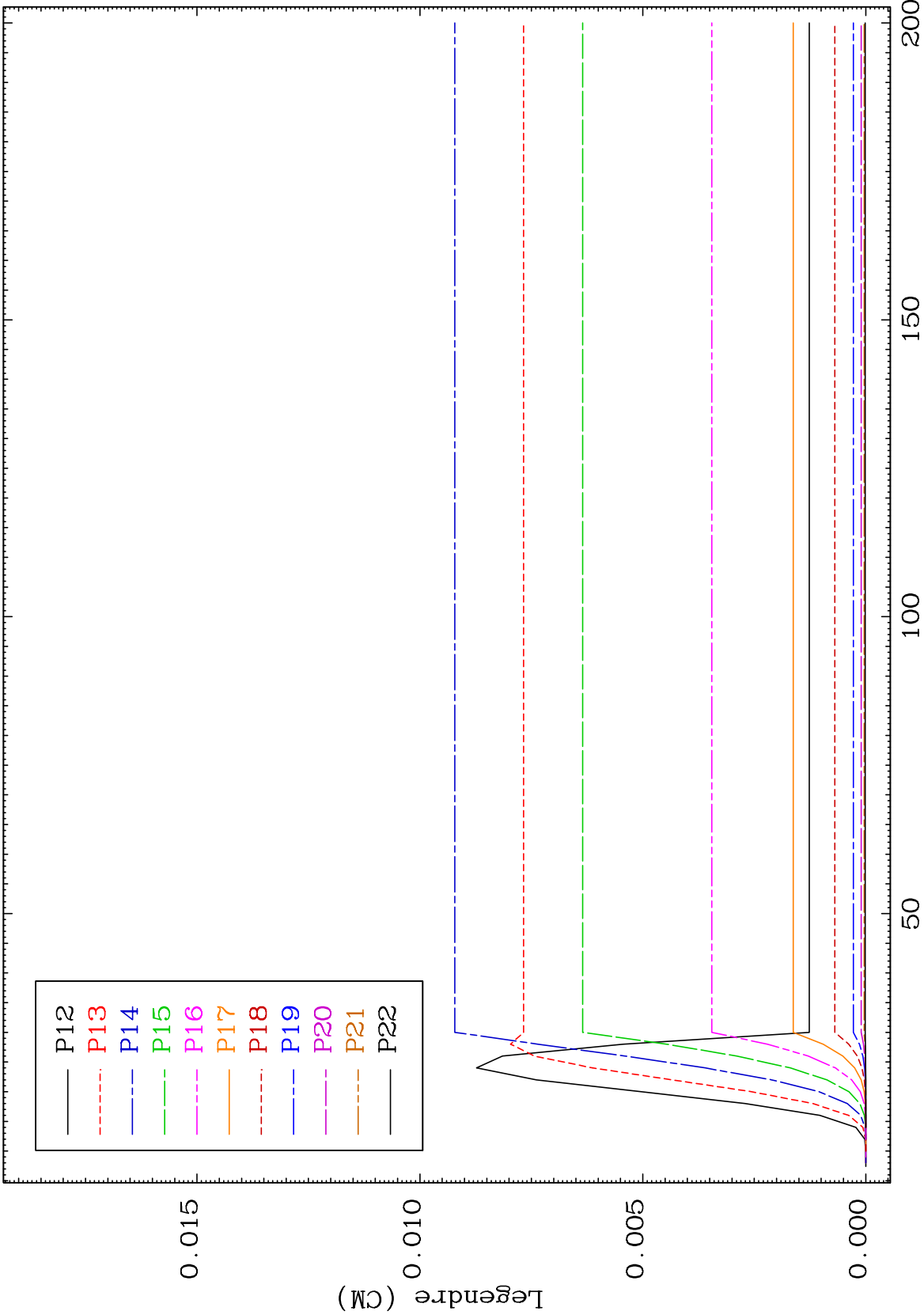
57

28-Ni-56

MAT 2819

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

28-Ni-56



58

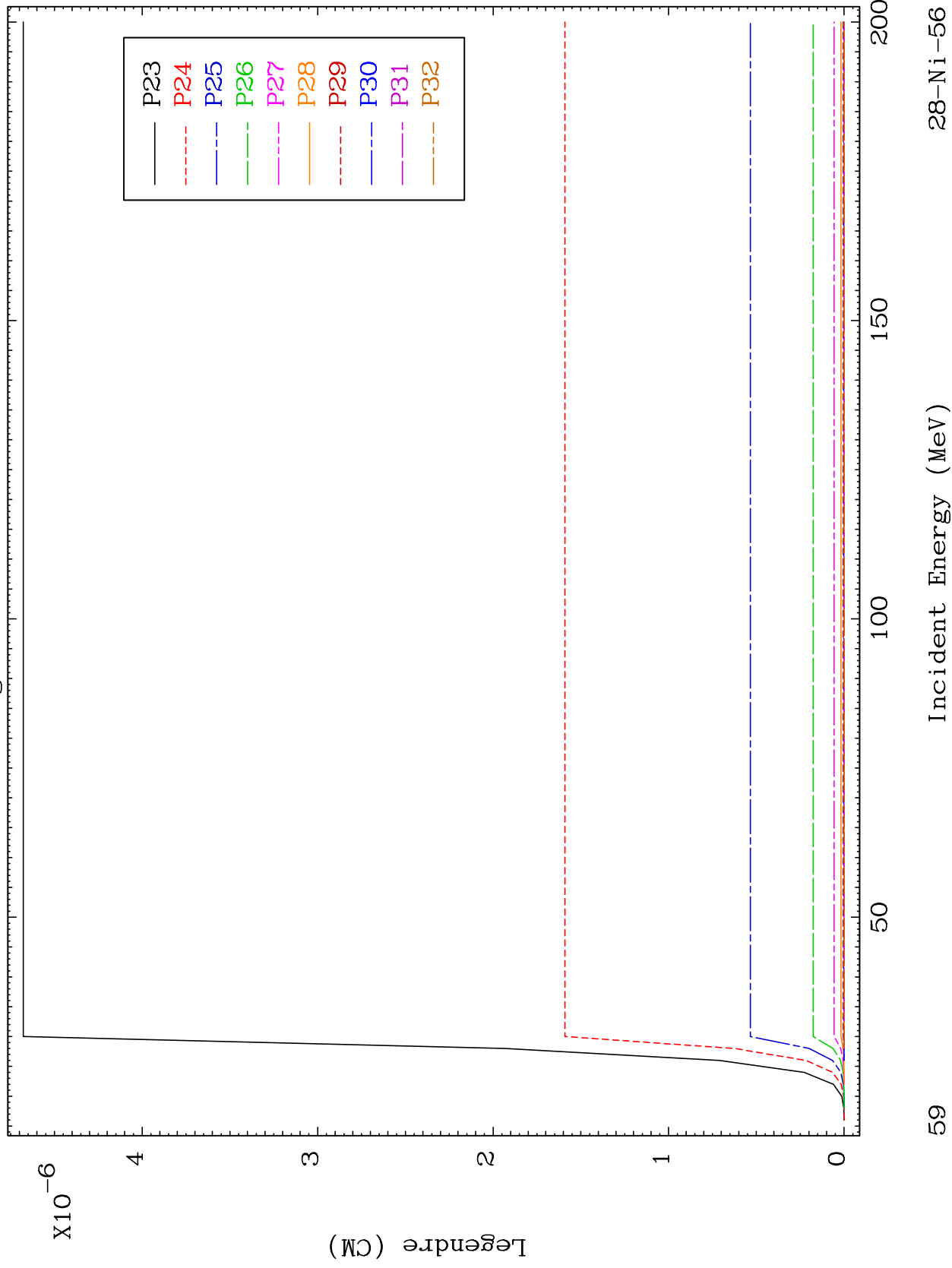
Incident Energy (MeV)

28-Ni-56

MAT 2819

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

28-Ni-56



59

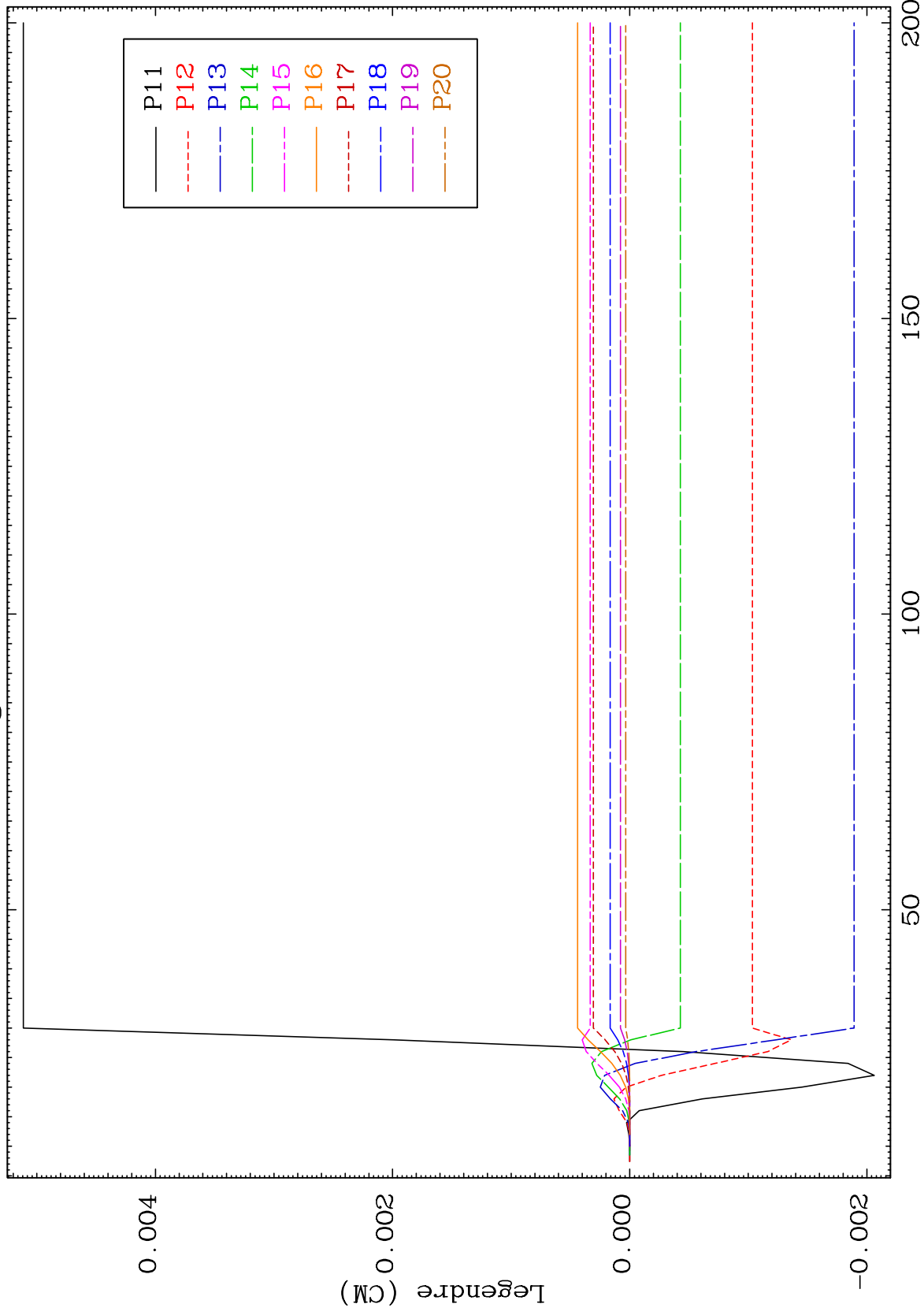
Incident Energy (MeV)

28-Ni-56

MAT 2819

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

28-Ni-56



61

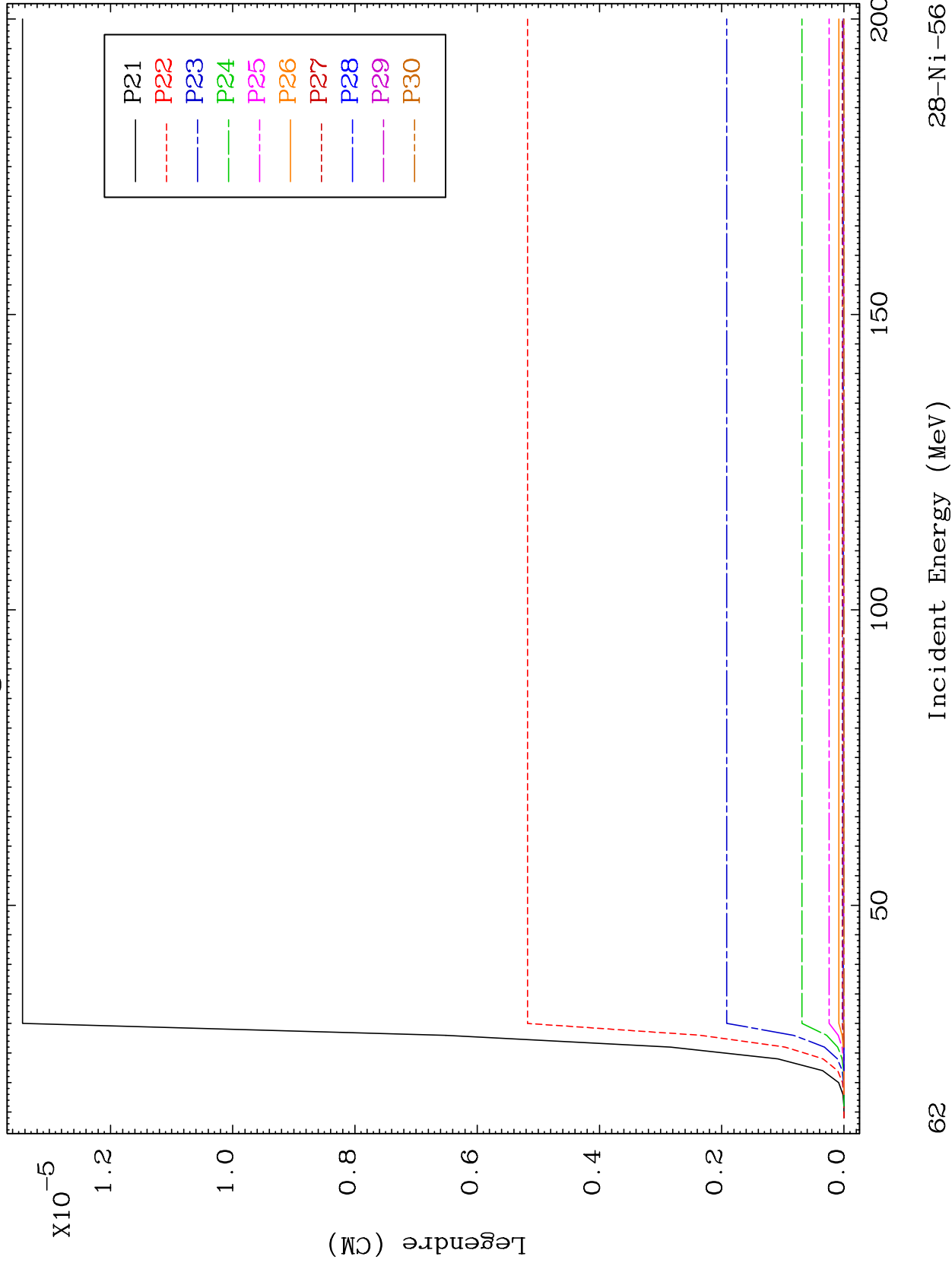
Incident Energy (MeV)

28-Ni-56

MAT 2819

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

28-Ni-56

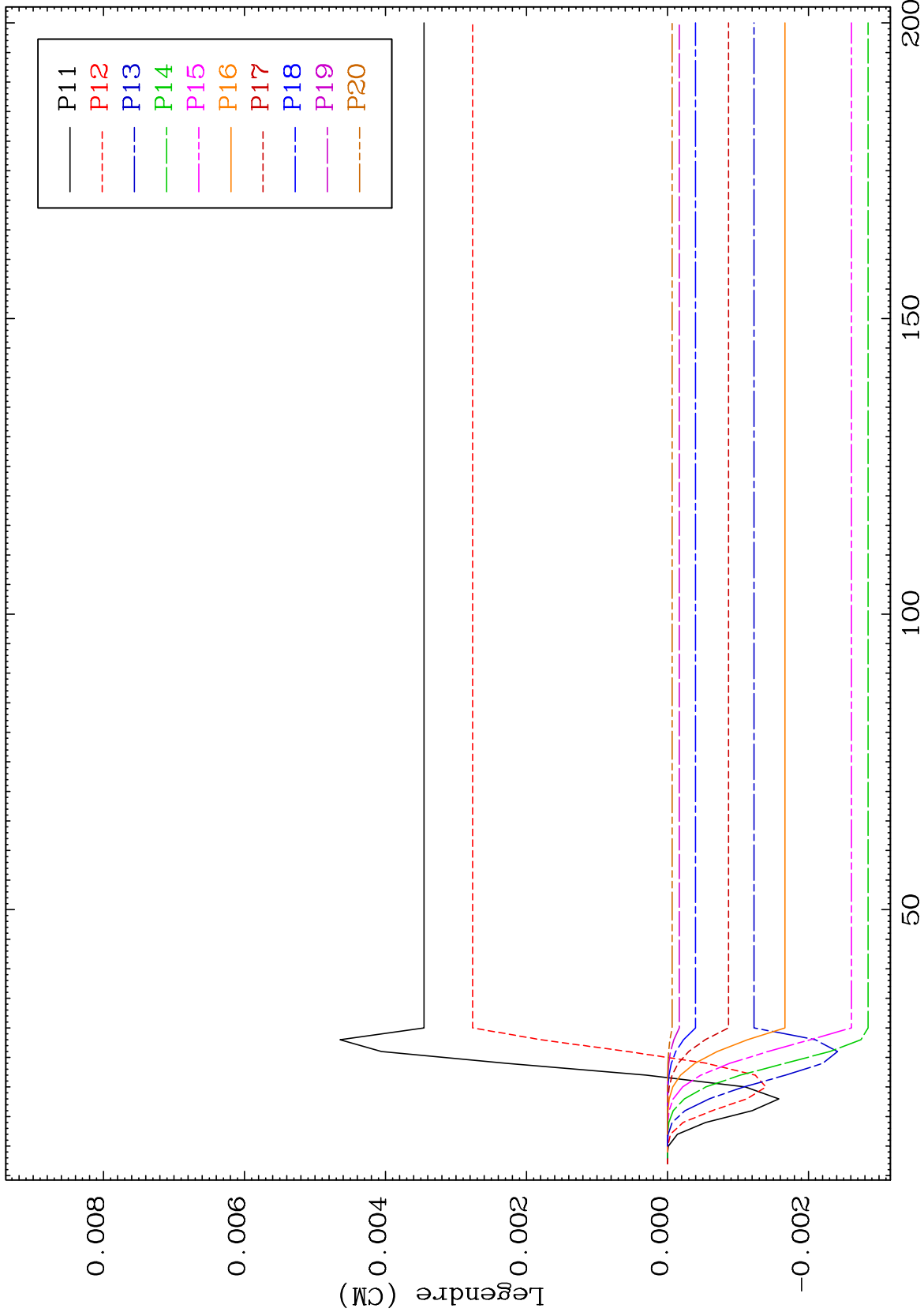


62

MAT 2819

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

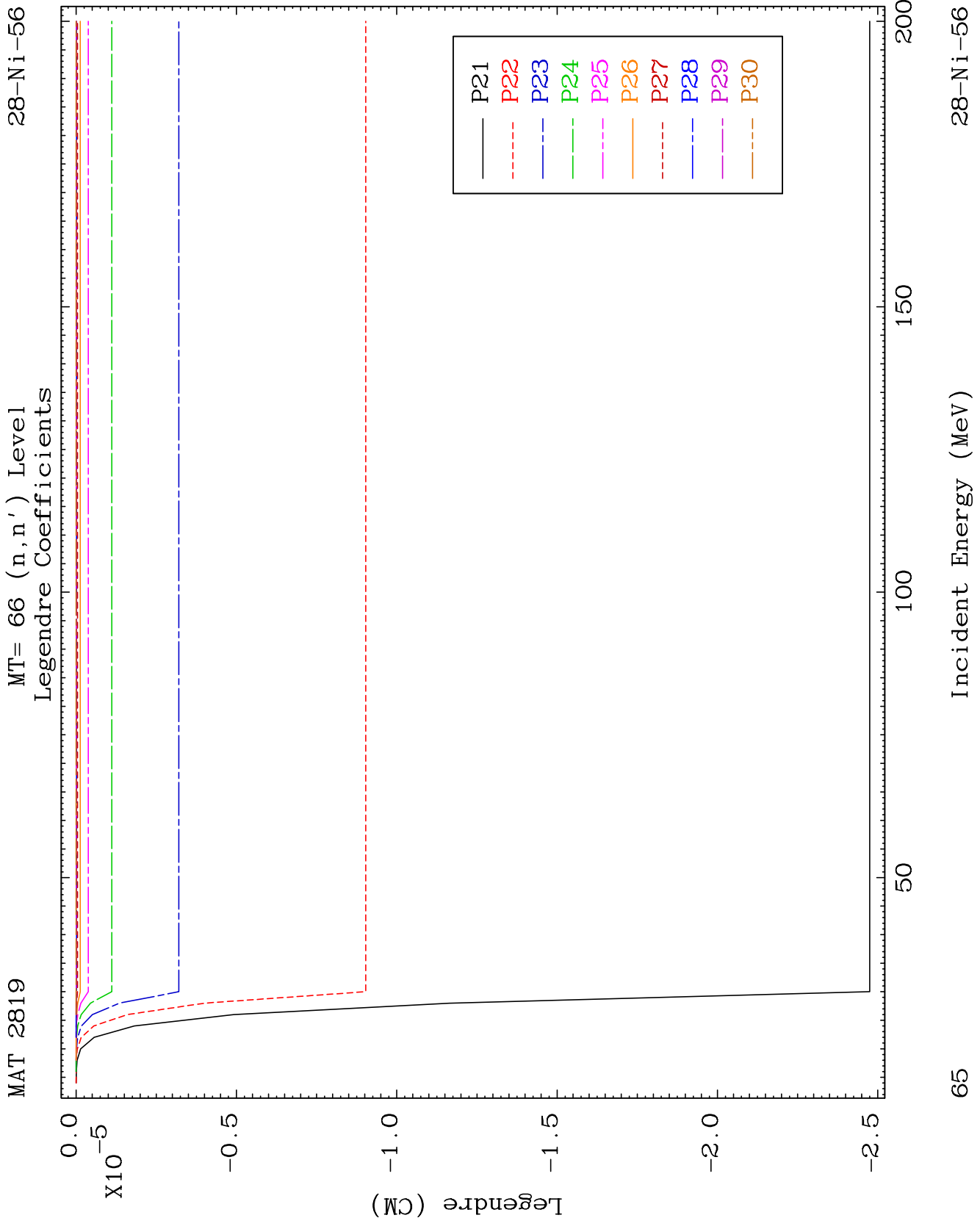
28-Ni-56



64

Incident Energy (MeV)

28-Ni-56

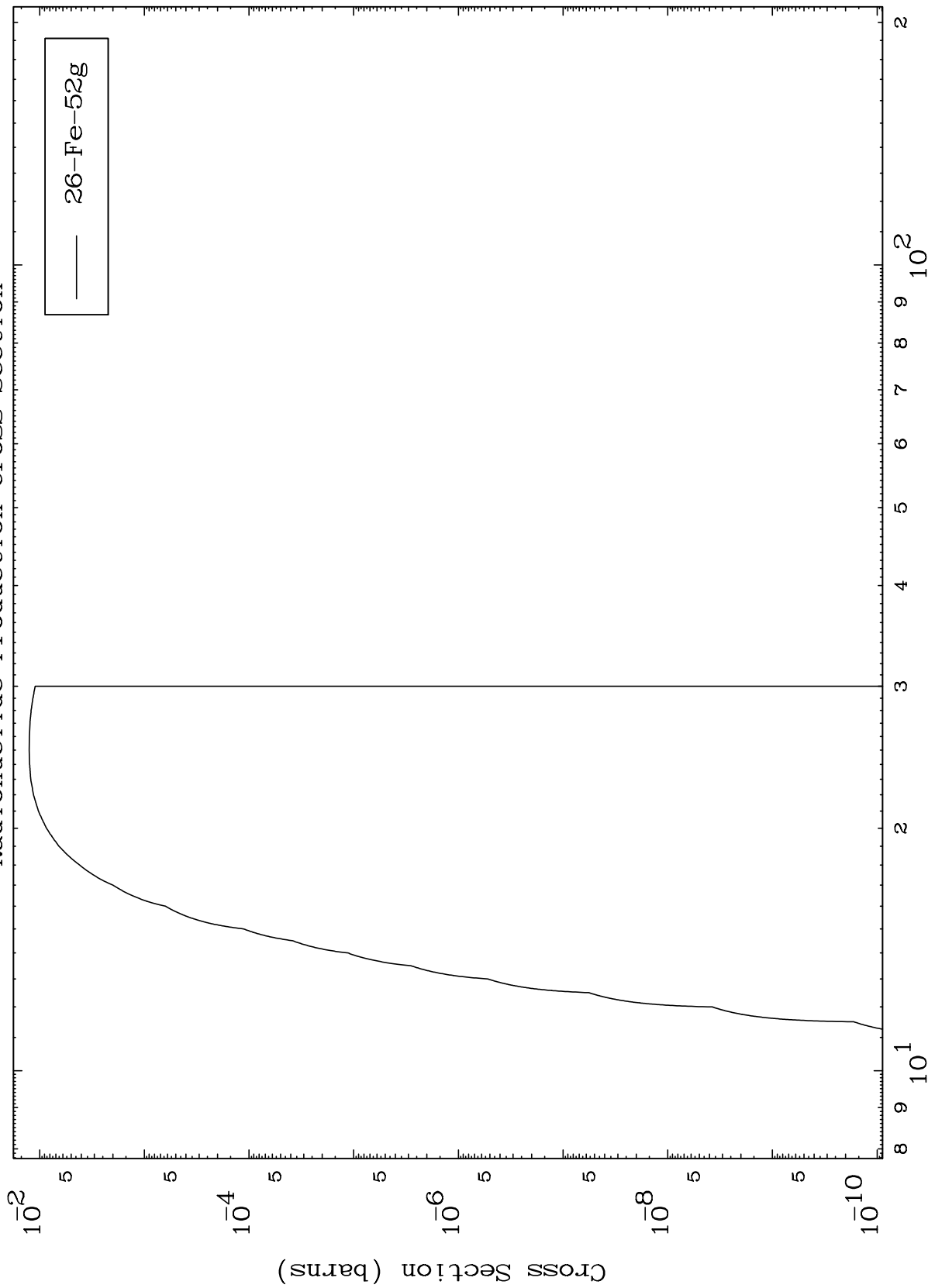


MAT 2819

$(n, n') \alpha$

28-Ni-56

Radionuclide Production Cross Section



66

Incident Energy (MeV)

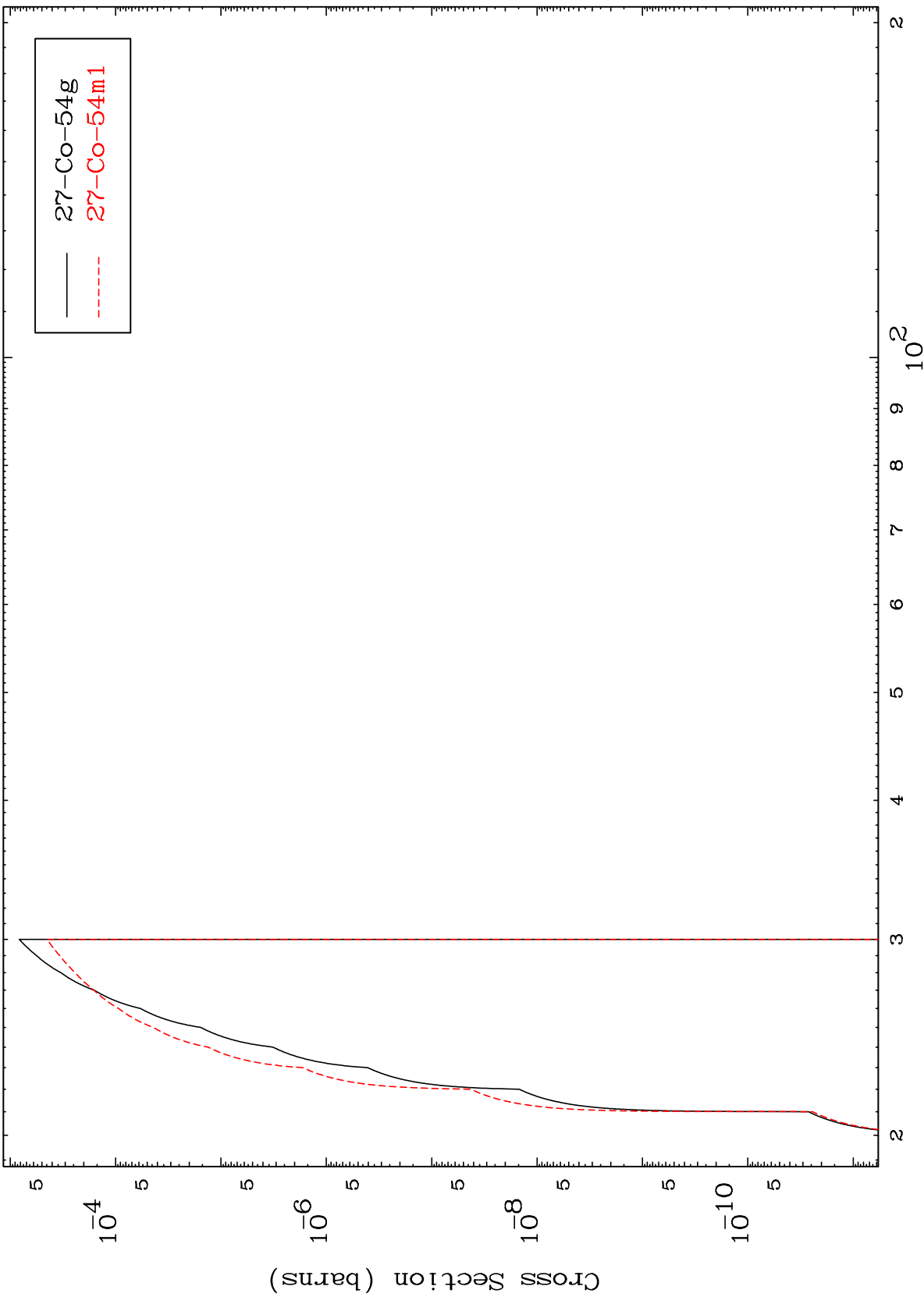
28-Ni-56

MAT 2819

(n,n') d

28-Ni-56

Radionuclide Production Cross Section



67

Incident Energy (MeV)

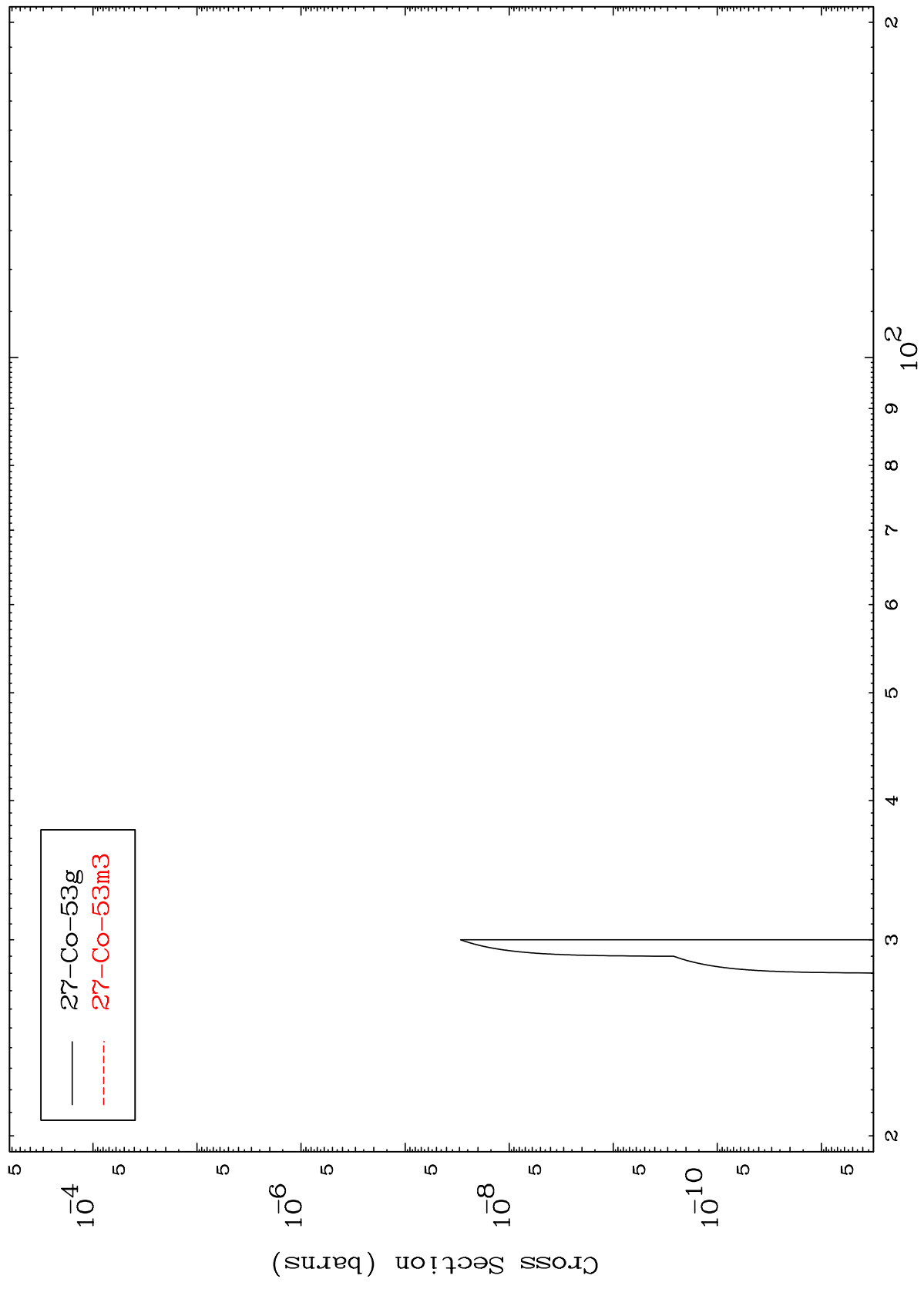
28-Ni-56

MAT 2819

(n,n') t

28-Ni-56

Radionuclide Production Cross Section

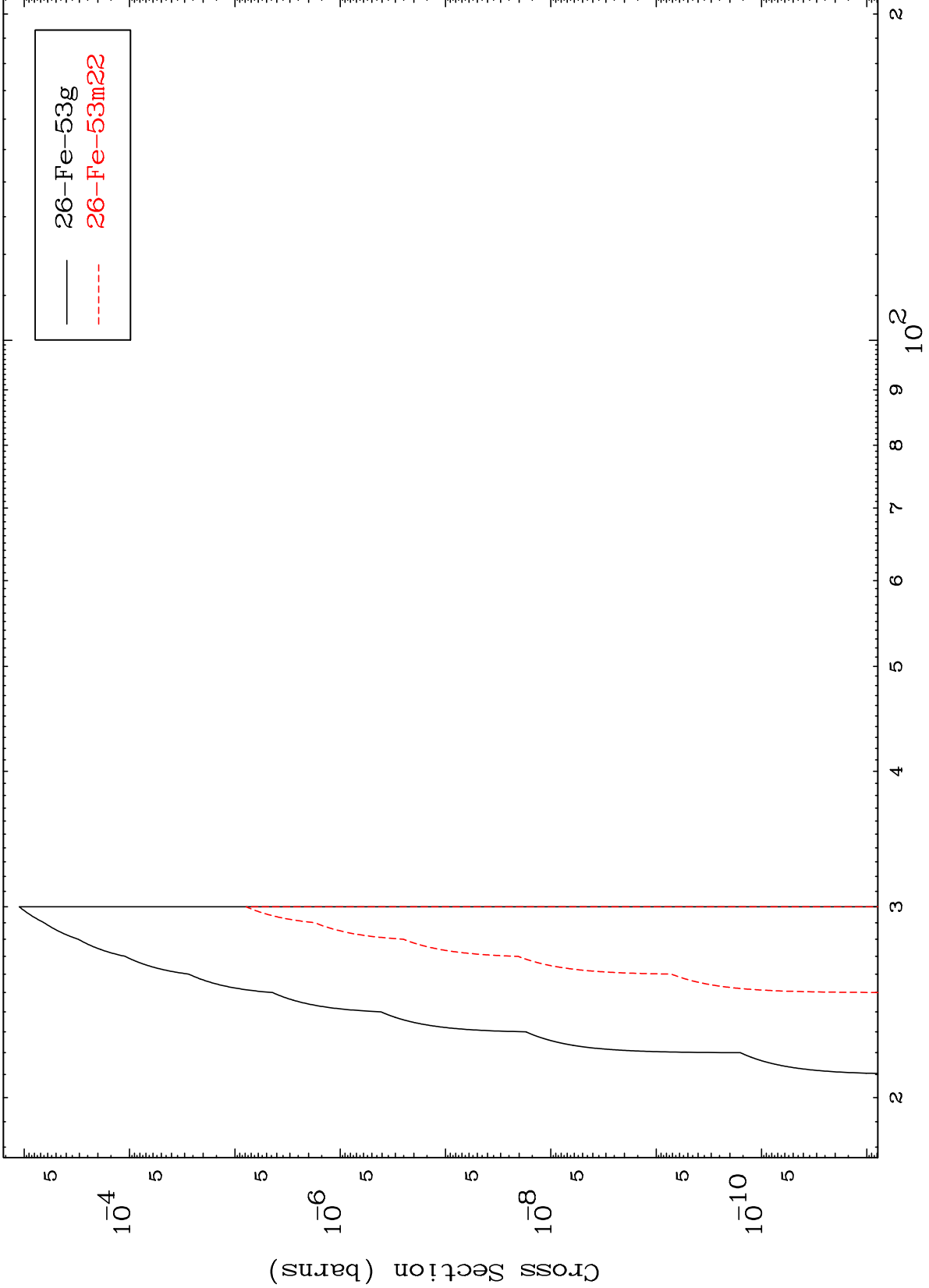


68

Incident Energy (MeV)

28-Ni-56

Radionuclide Production Cross Section

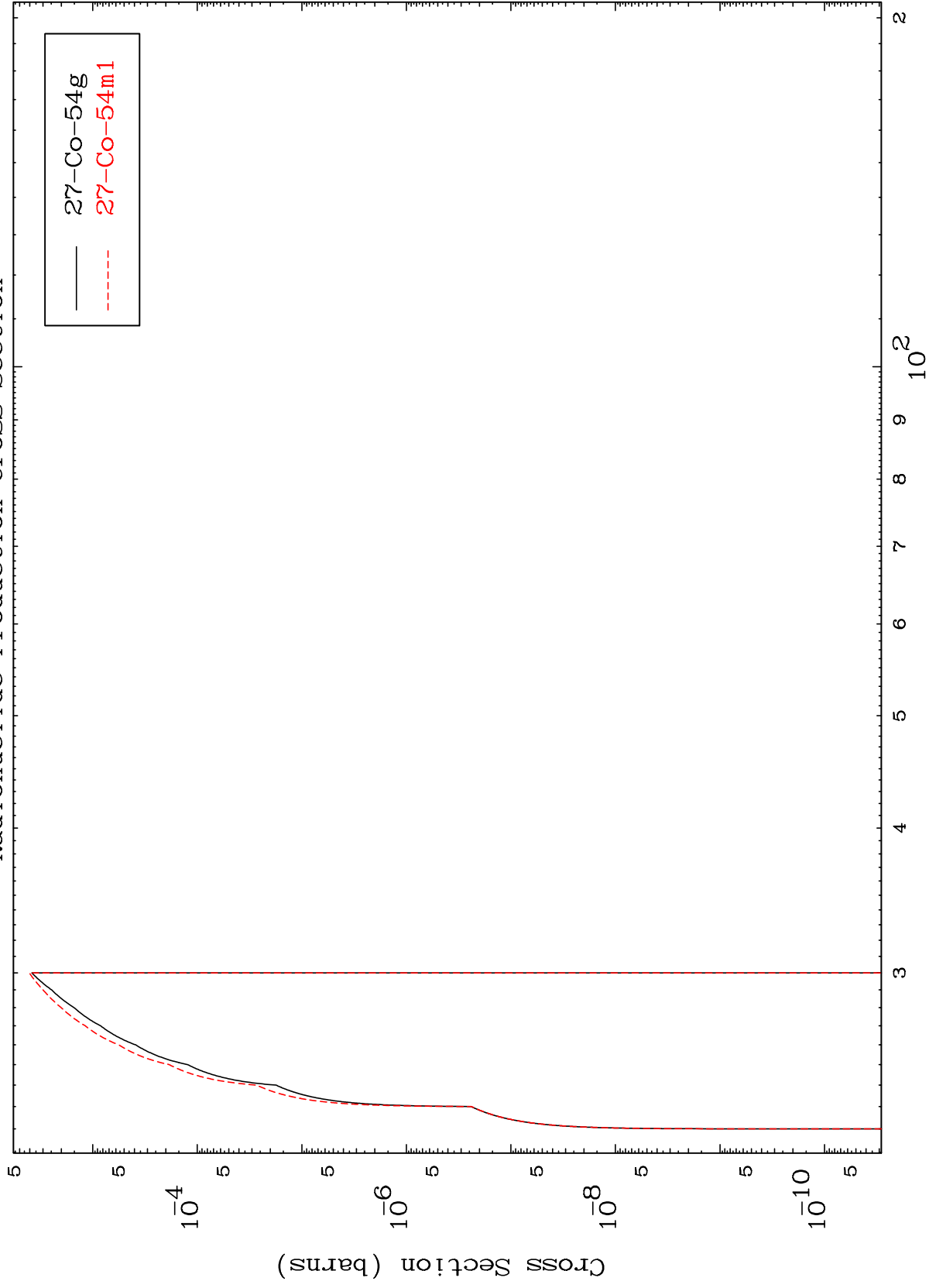


MAT 2819

(n,2n) p

28-Ni-56

Radionuclide Production Cross Section

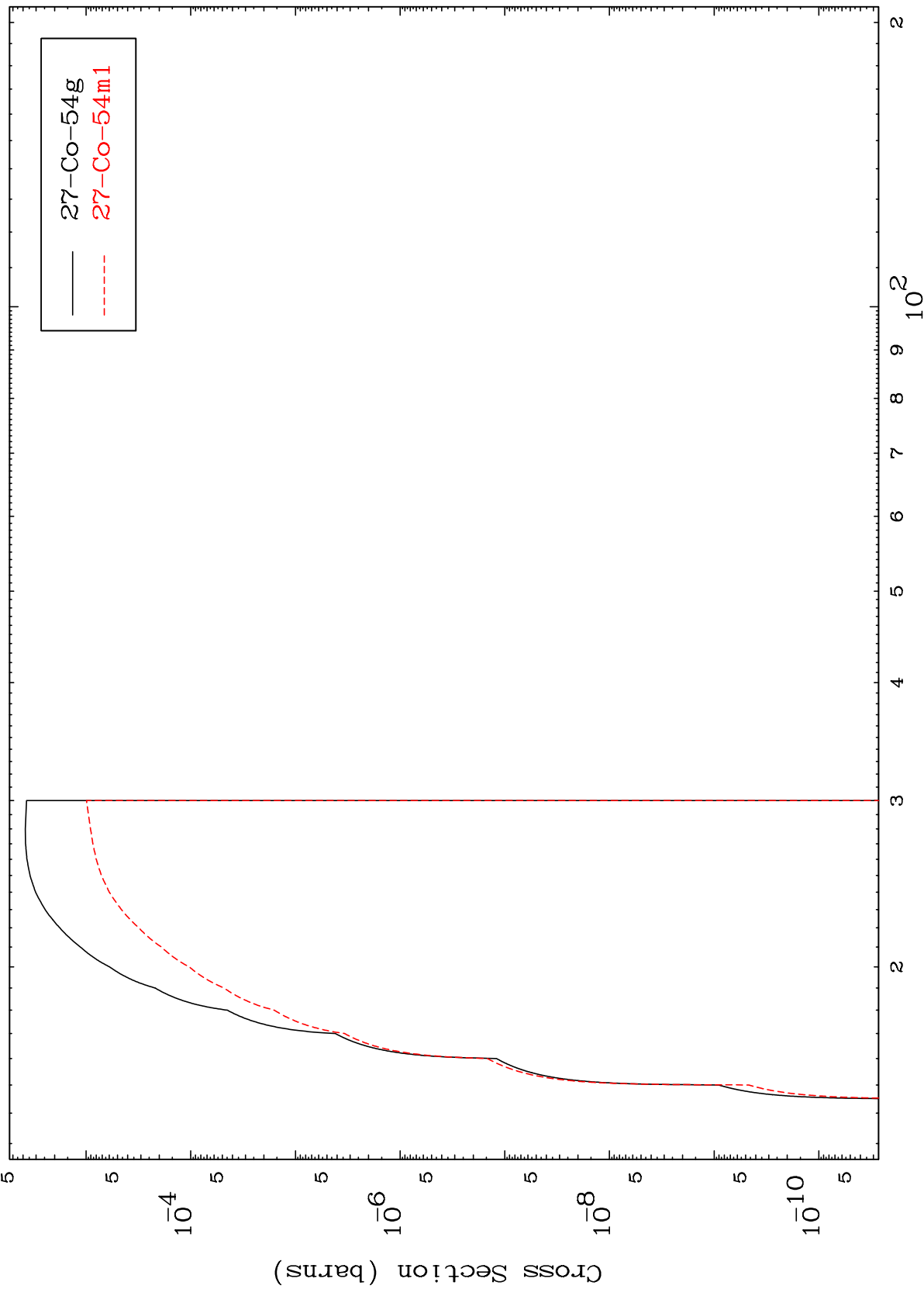


70

Incident Energy (MeV)

28-Ni-56

Radionuclide Production Cross Section

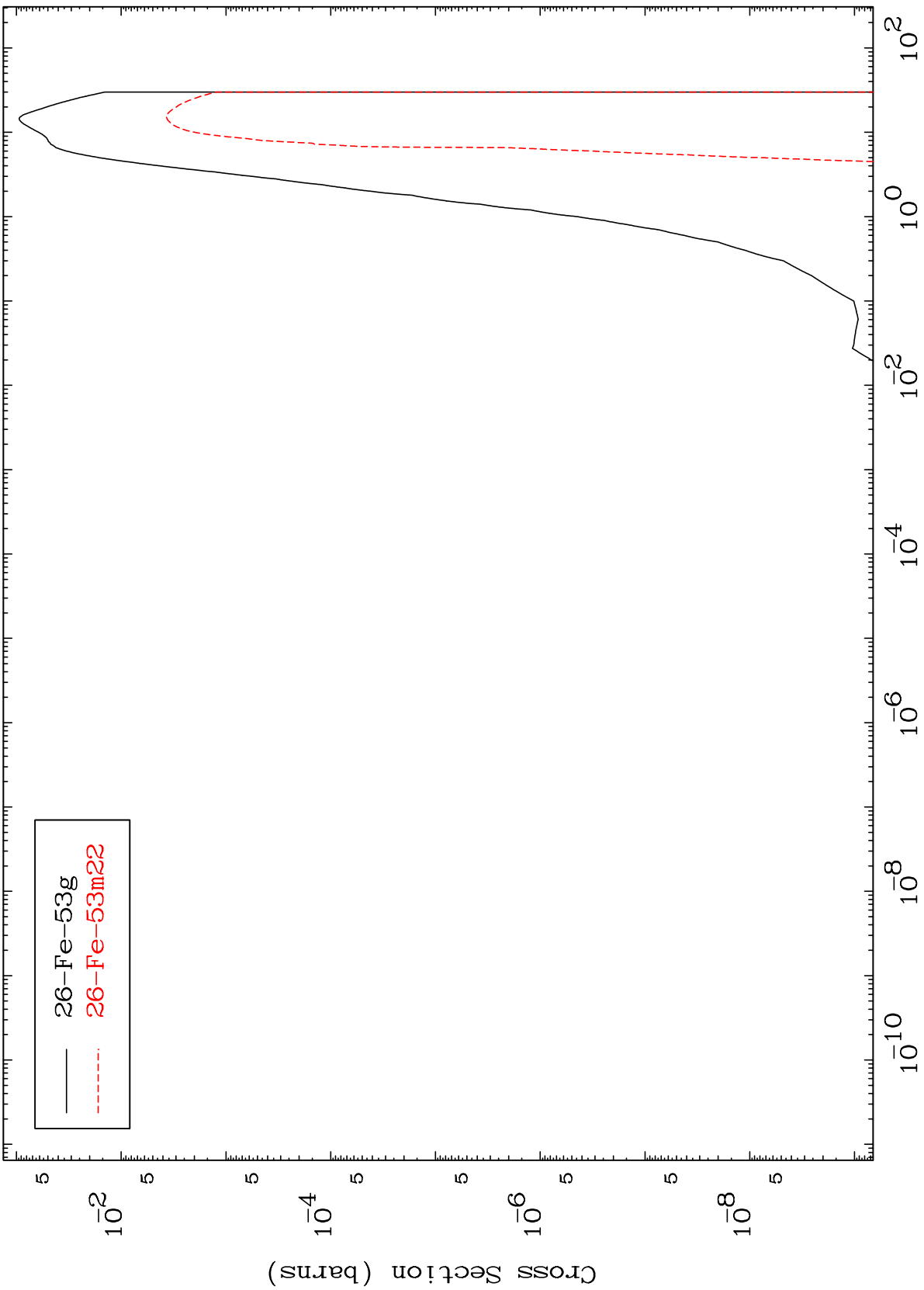
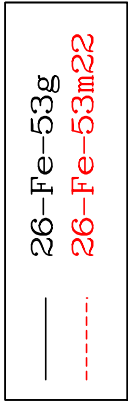


MAT 2819

(n, α)

28-Ni-56

Radionuclide Production Cross Section

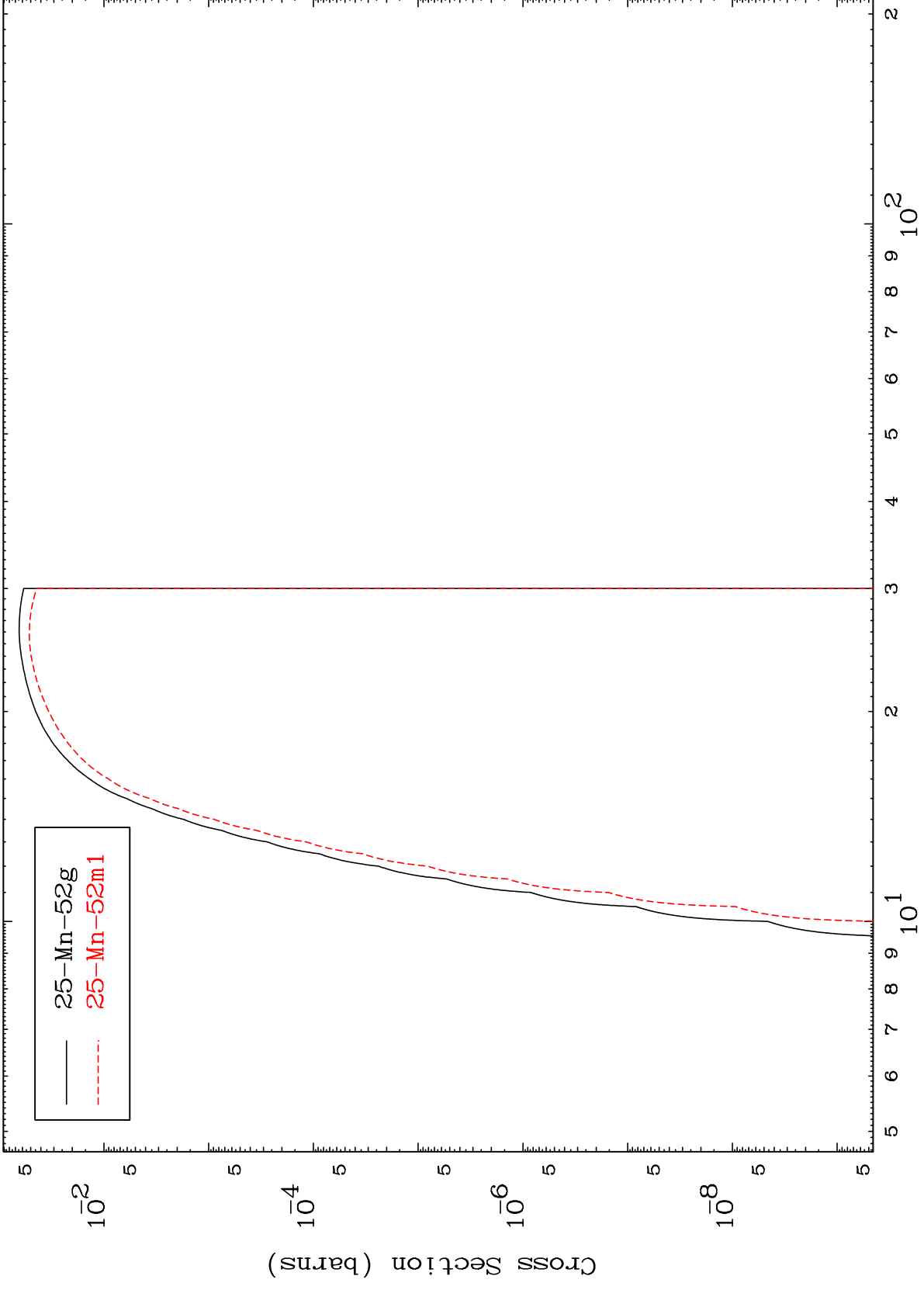


MAT 2819

(n,p) α

²⁸Ni-56

Radionuclide Production Cross Section



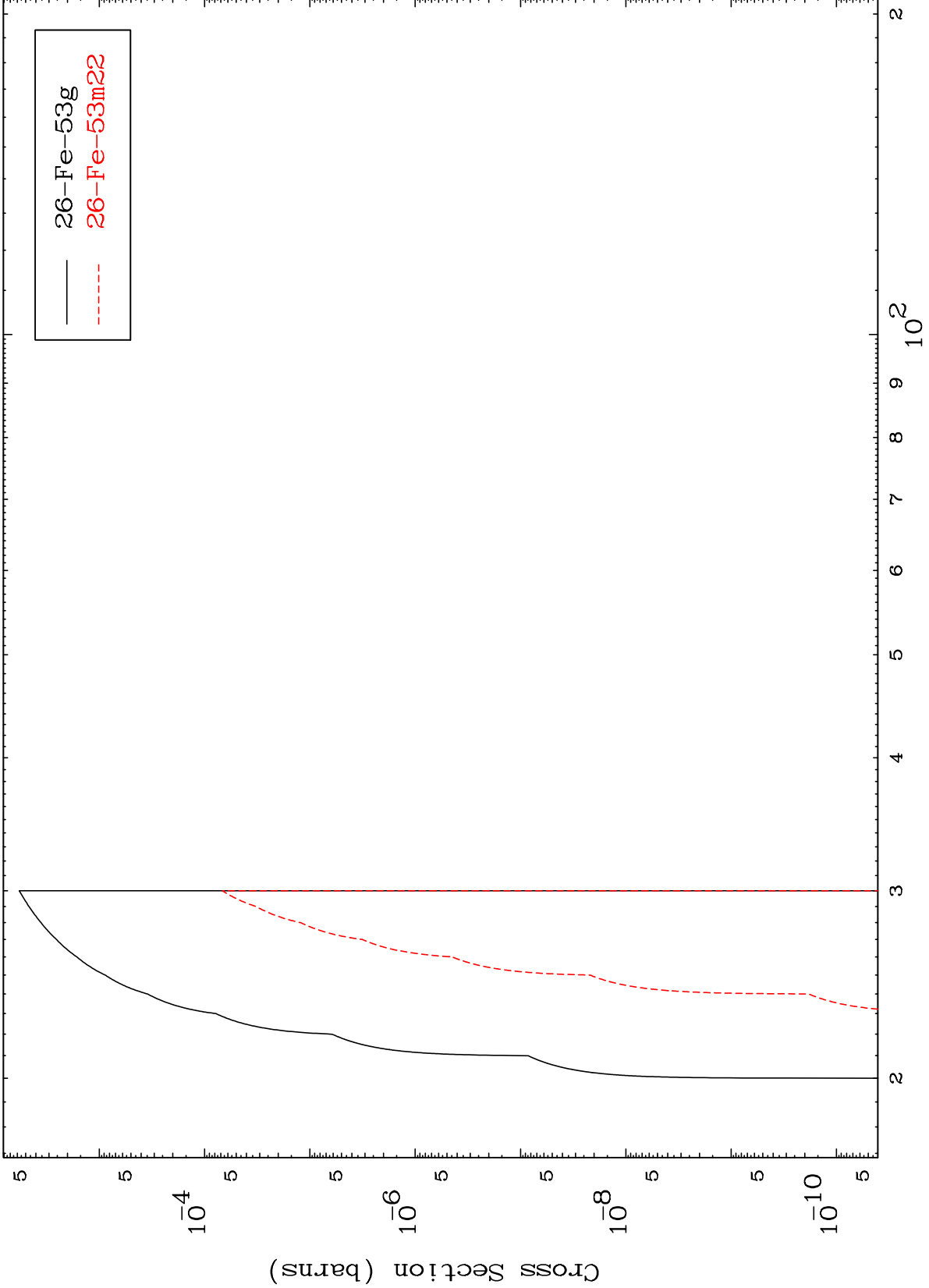
— 25-Mn-52g
- - - 25-Mn-52m1

73

Incident Energy (MeV)

²⁸Ni-56

Radionuclide Production Cross Section



26-Fe-53g
26-Fe-53m22