

Program EVALPLOT
(Version 2017-1)

by

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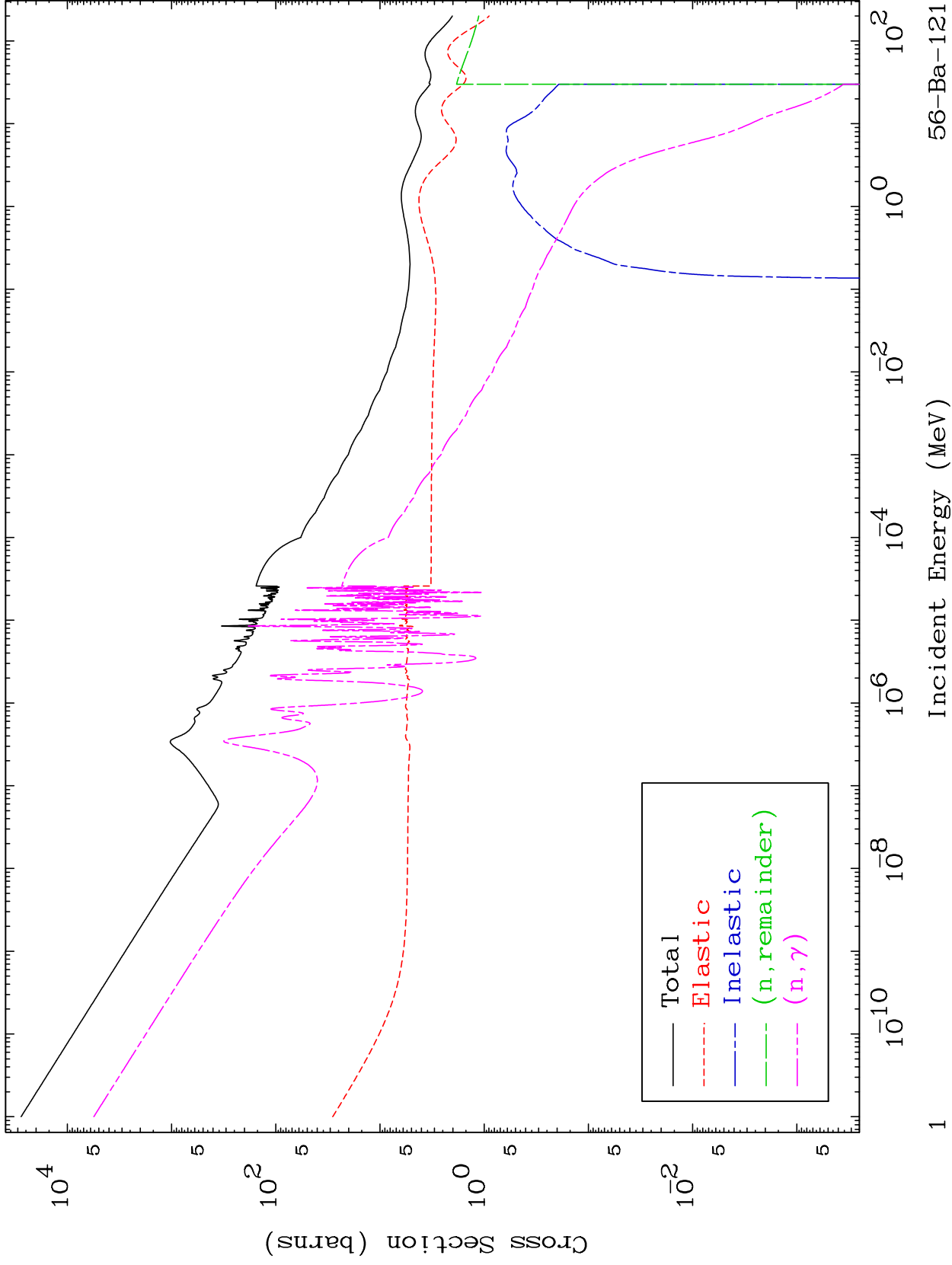
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5598

Major
293 Kelvin Cross Sections

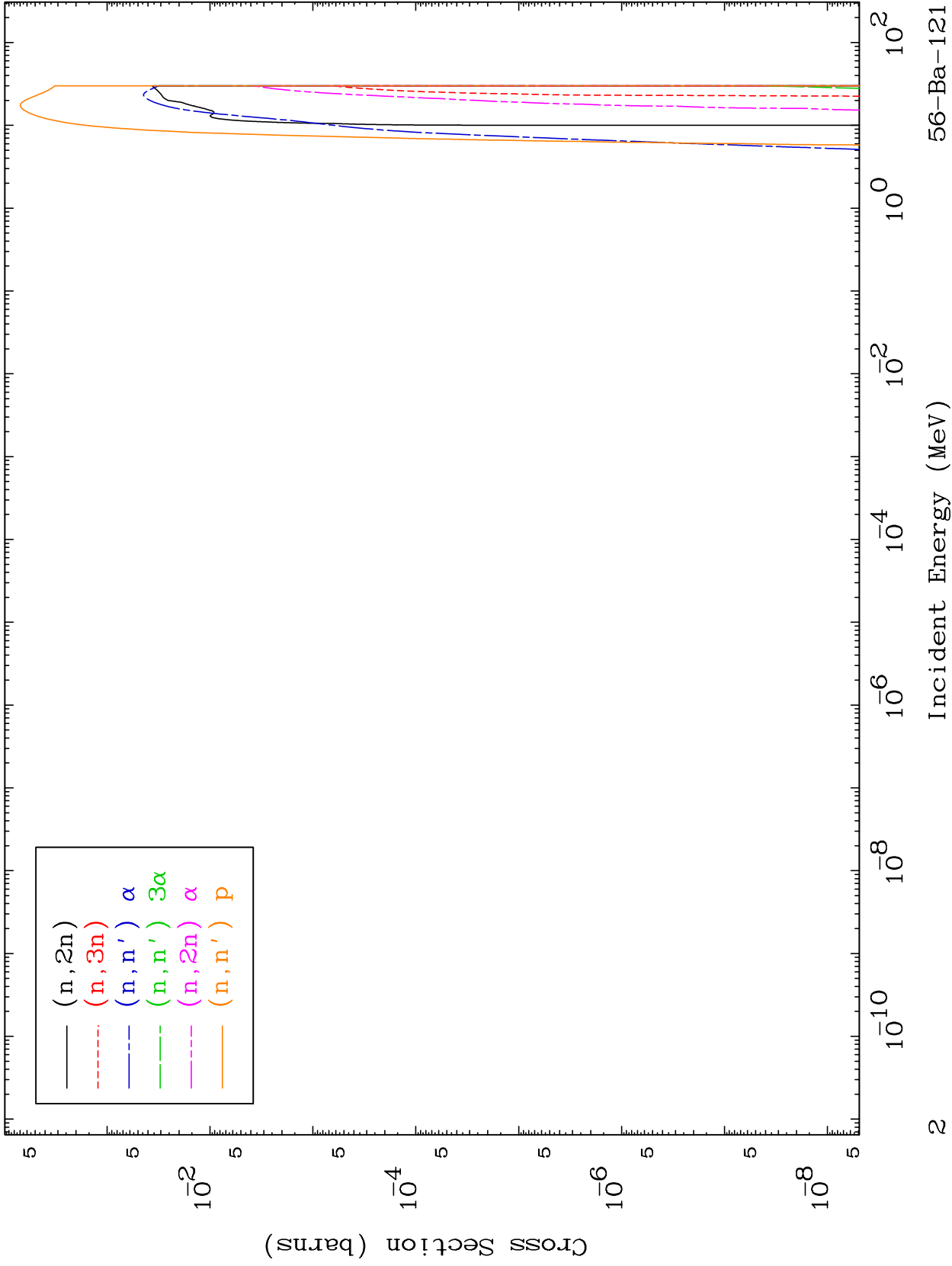
56-Ba-121



MAT 5598

Neutron Production
293 Kelvin Cross Sections

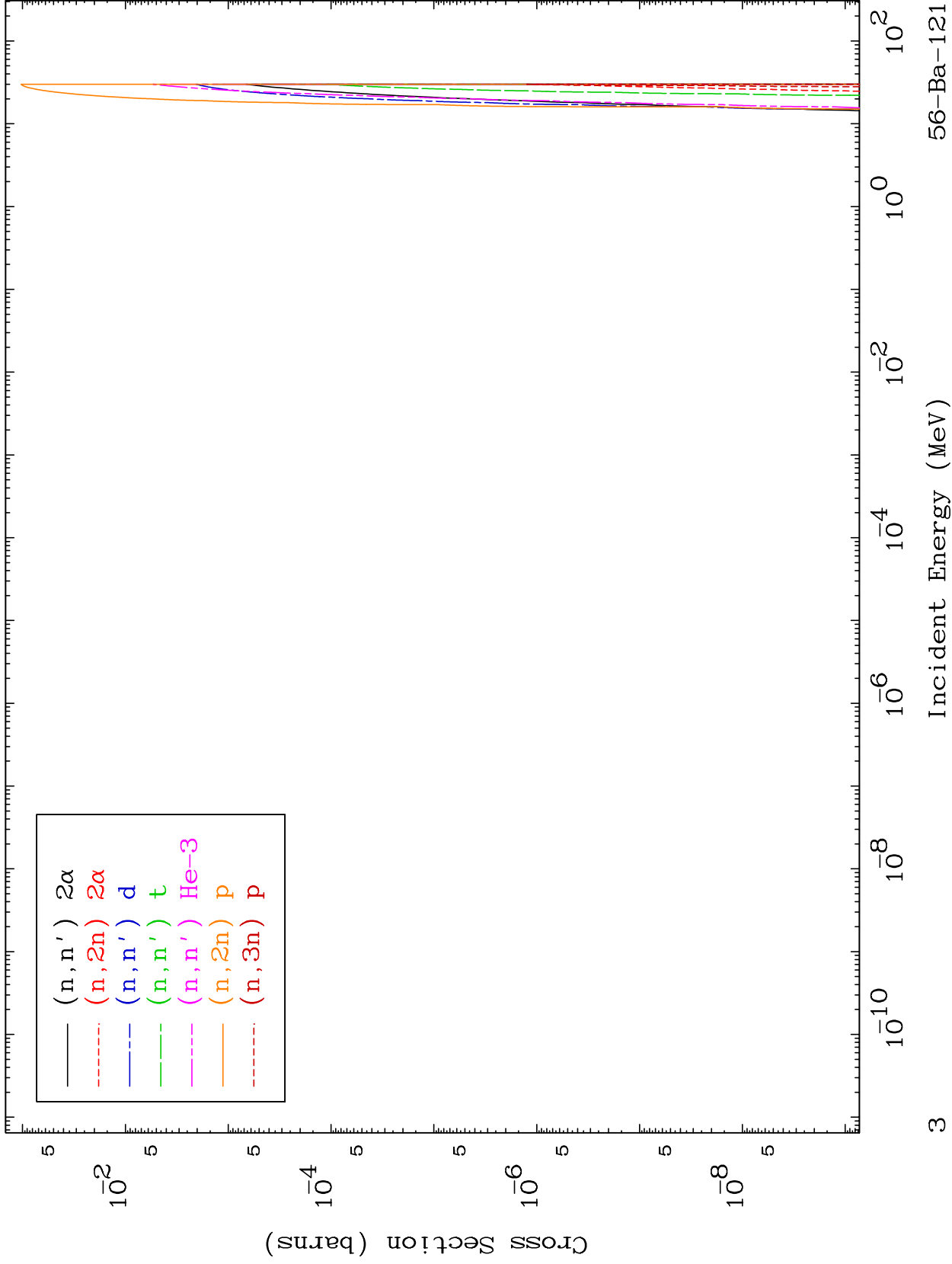
56-Ba-121



MAT 5598

Neutron Production
293 Kelvin Cross Sections

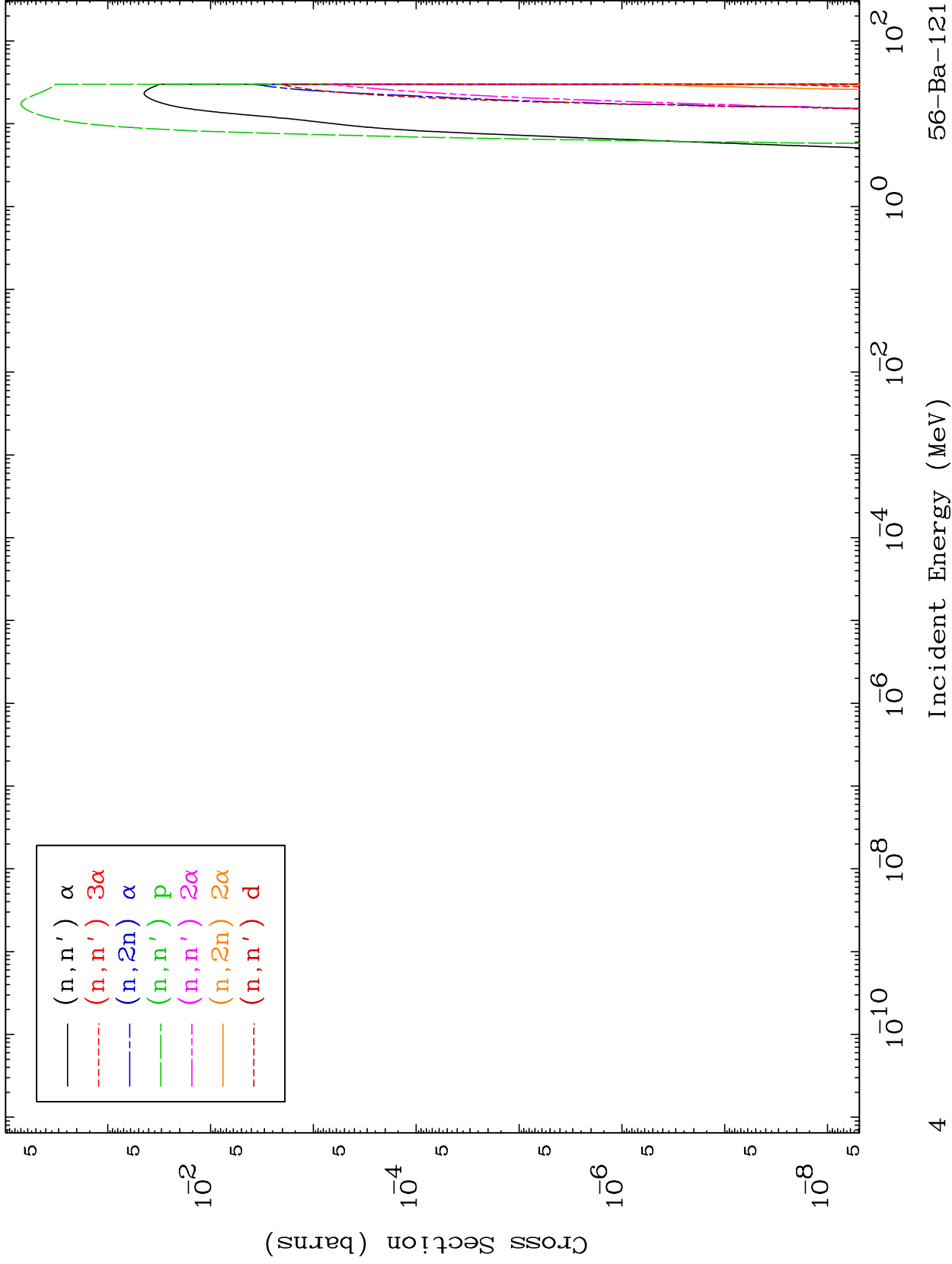
56-Ba-121



MAT 5598

Charged Particle
293 Kelvin Cross Sections

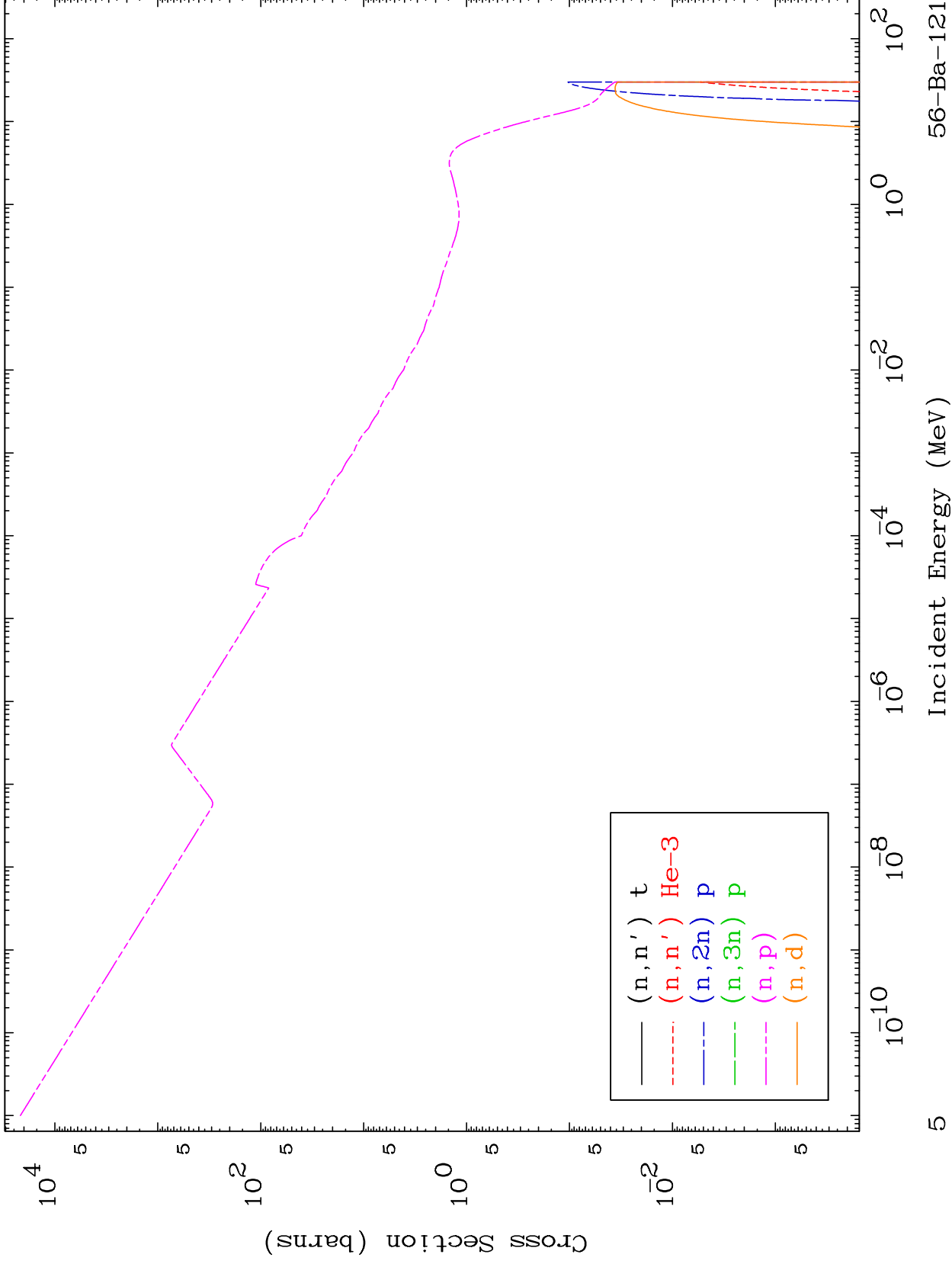
56-Ba-121



MAT 5598

Charged Particle
293 Kelvin Cross Sections

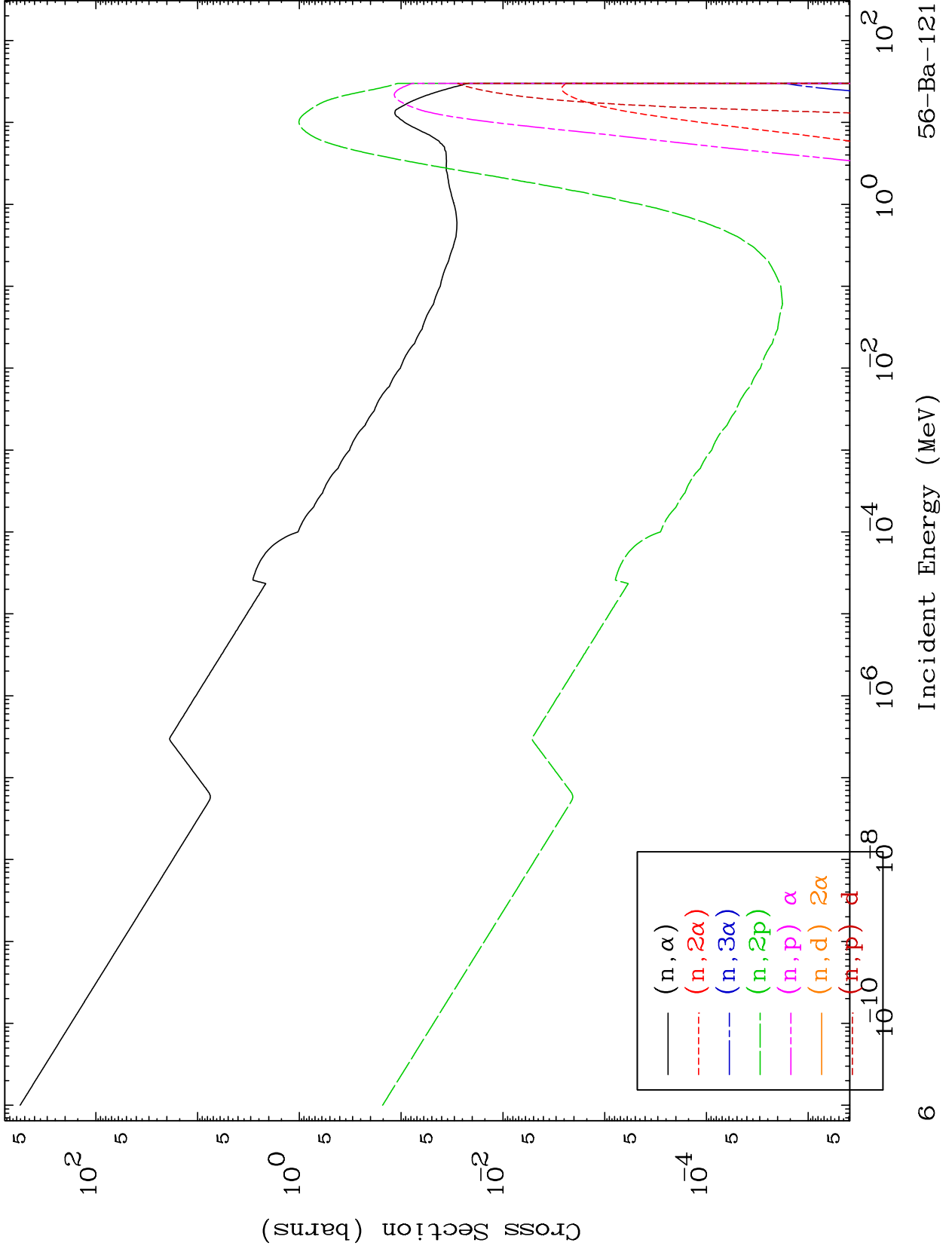
56-Ba-121



MAT 5598

Charged Particle
293 Kelvin Cross Sections

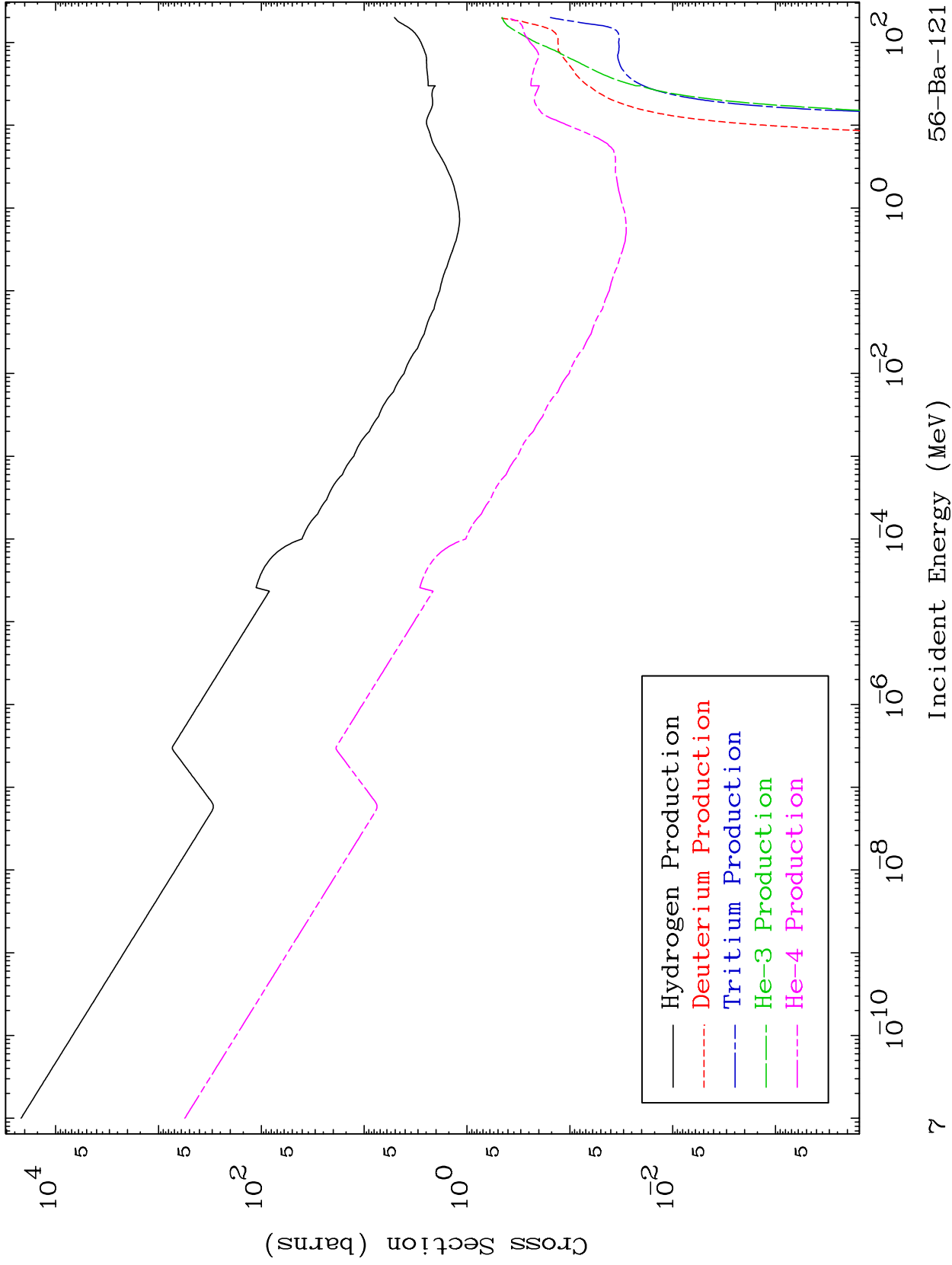
56-Ba-121



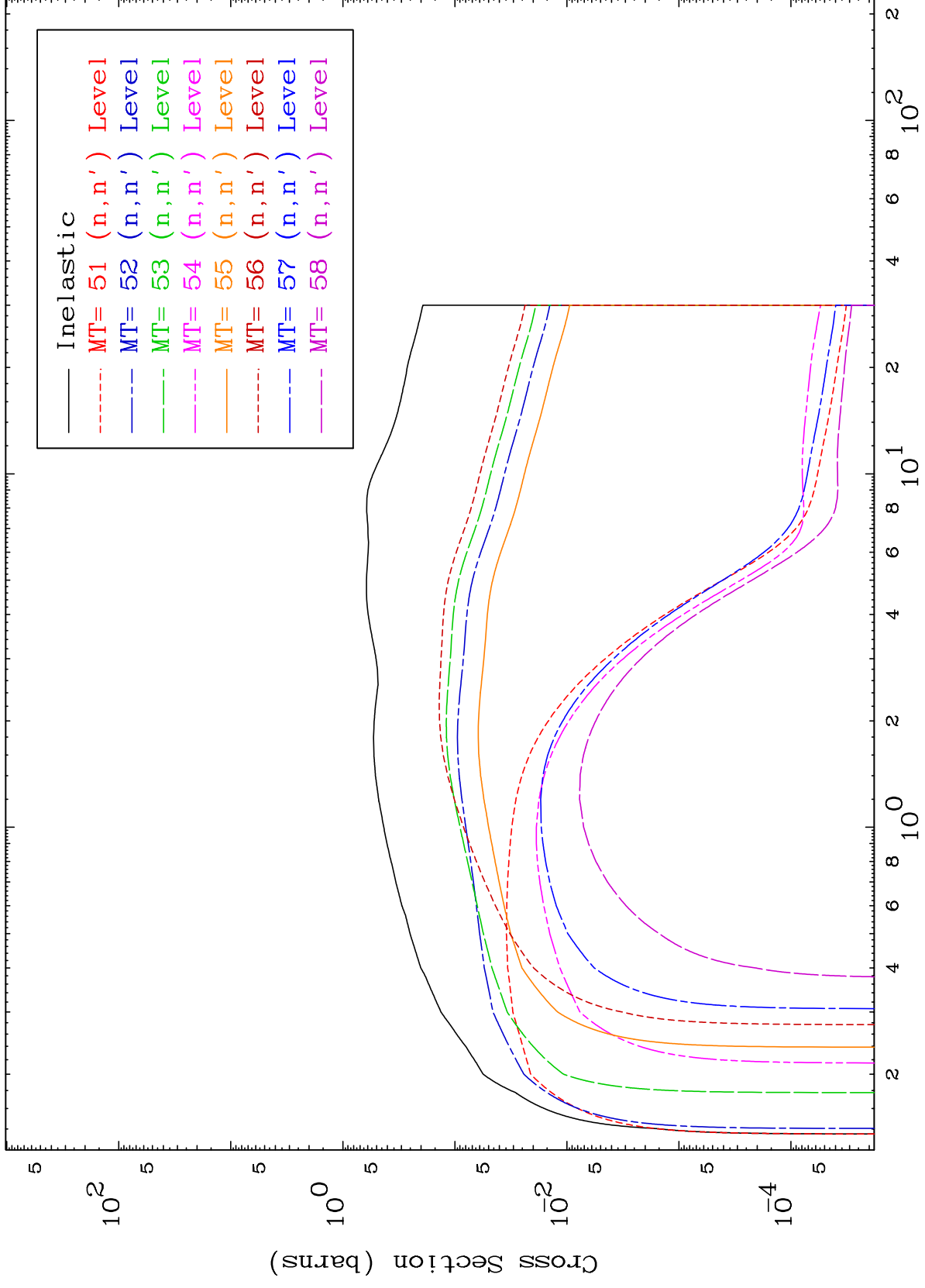
MAT 5598

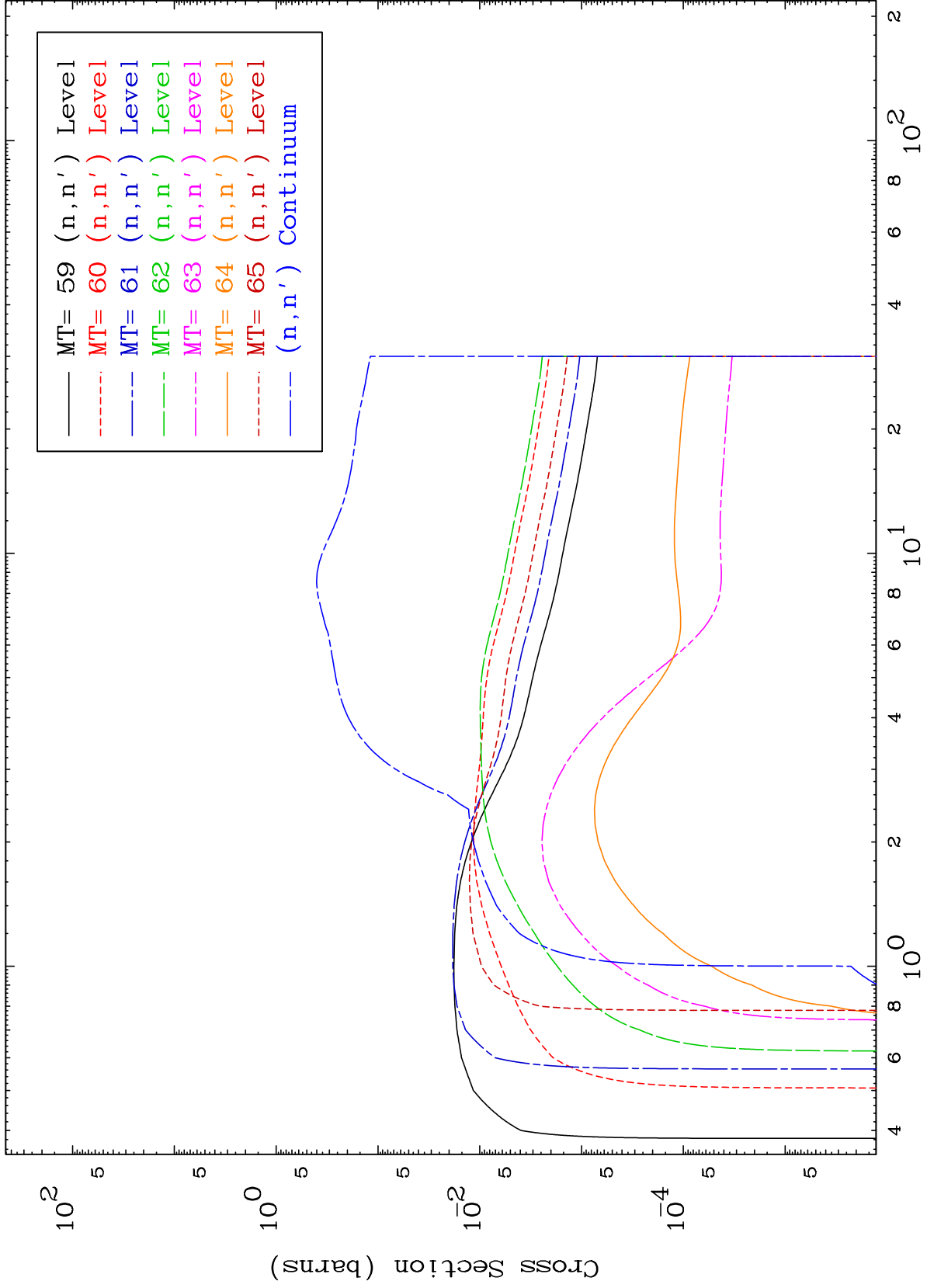
Particle Production
293 Kelvin Cross Sections

56-Ba-121



293 Kelvin Cross Sections

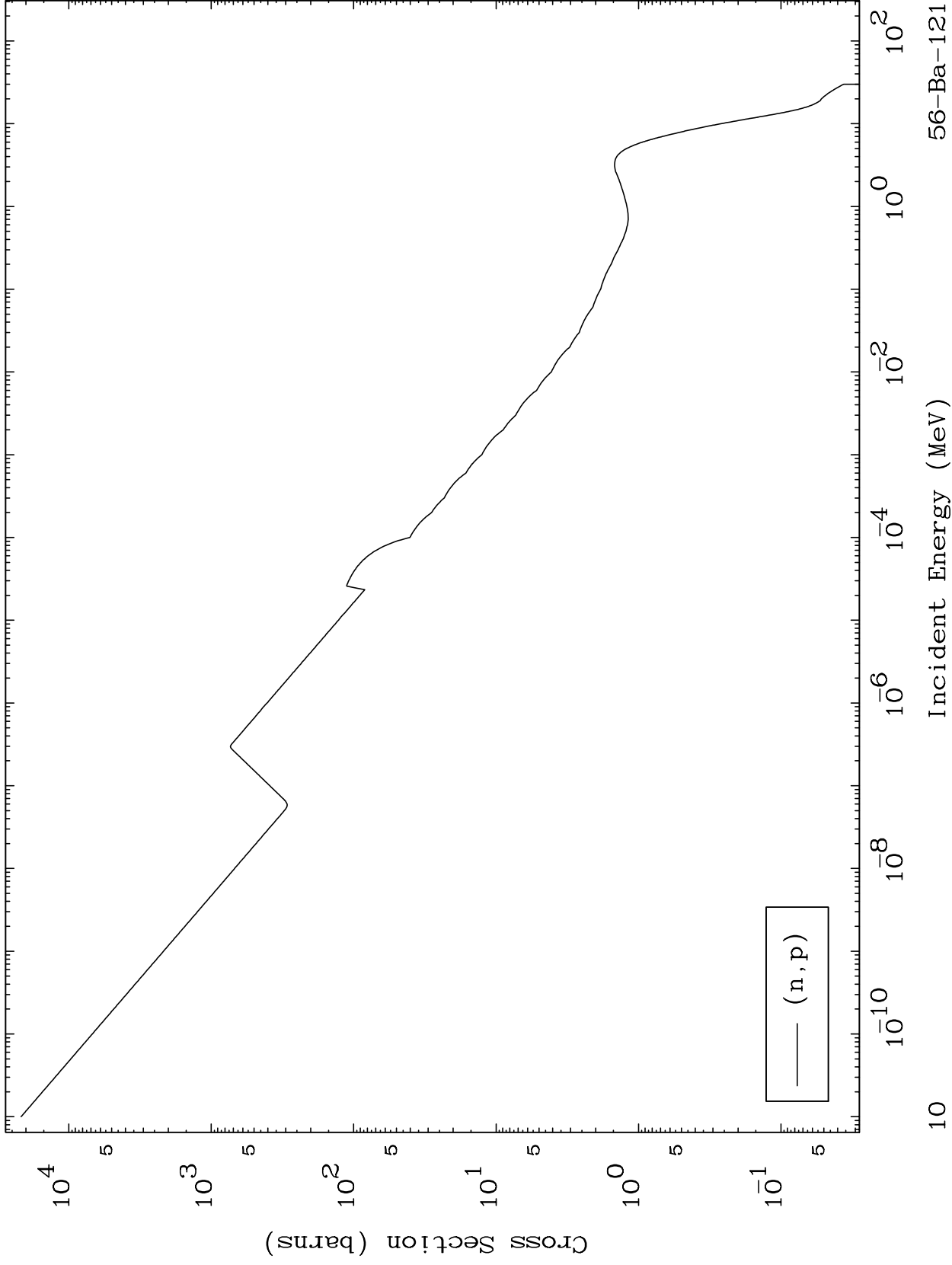




MAT 5598

(n,p) Levels
293 Kelvin Cross Sections

56-Ba-121



10

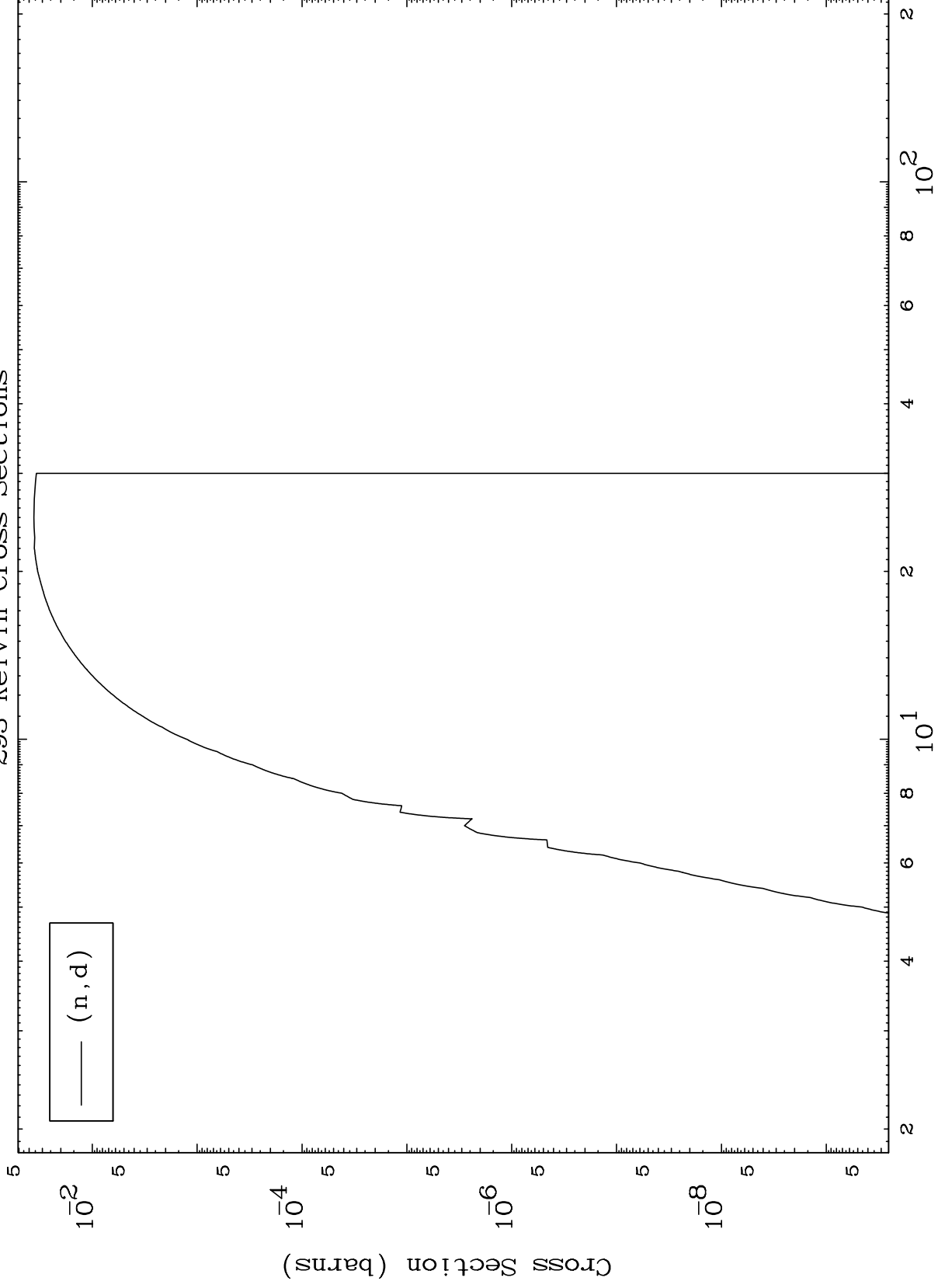
Incident Energy (MeV)

56-Ba-121

MAT 5598

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-121



11

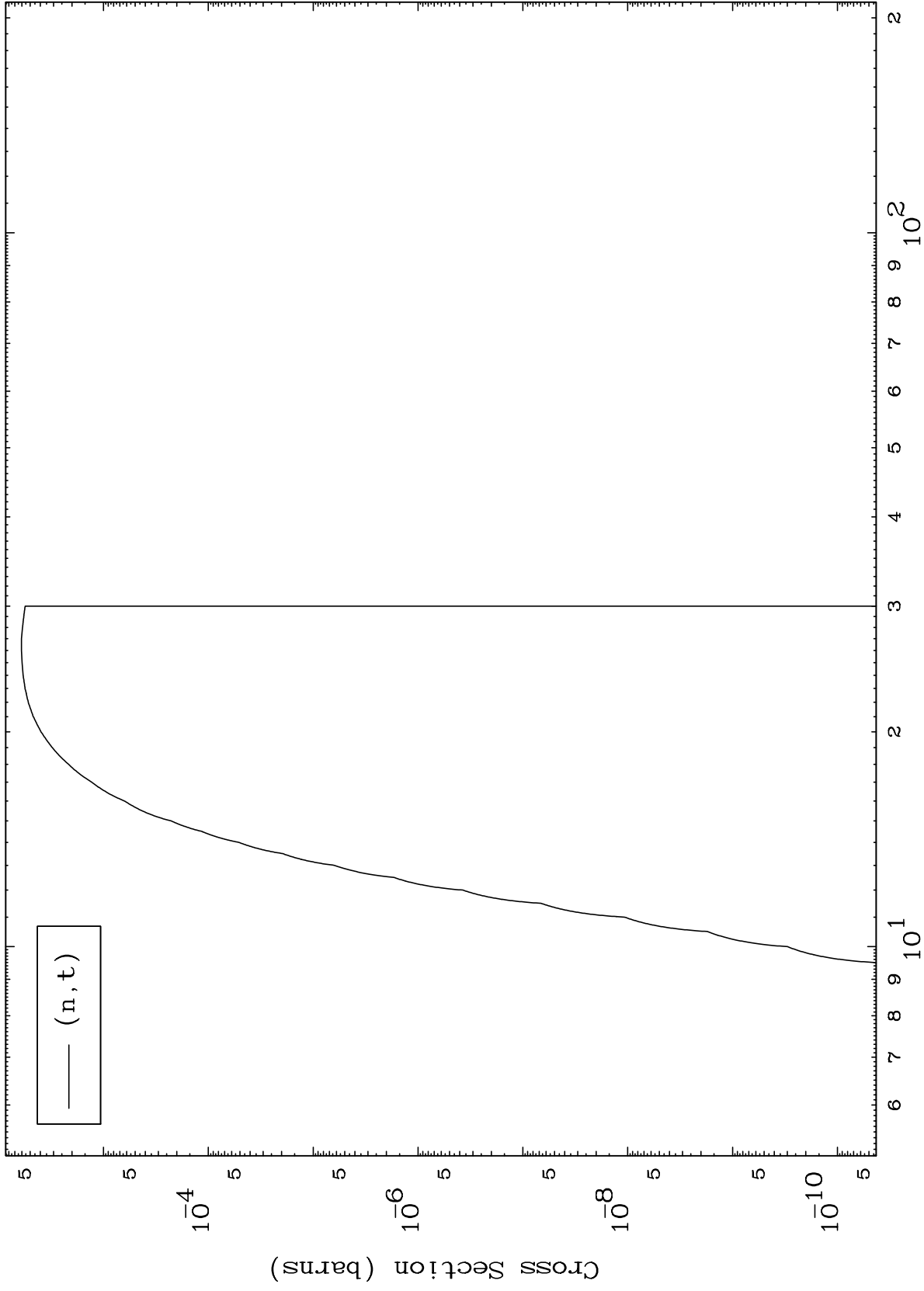
Incident Energy (MeV)

56-Ba-121

MAT 5598

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-121



12

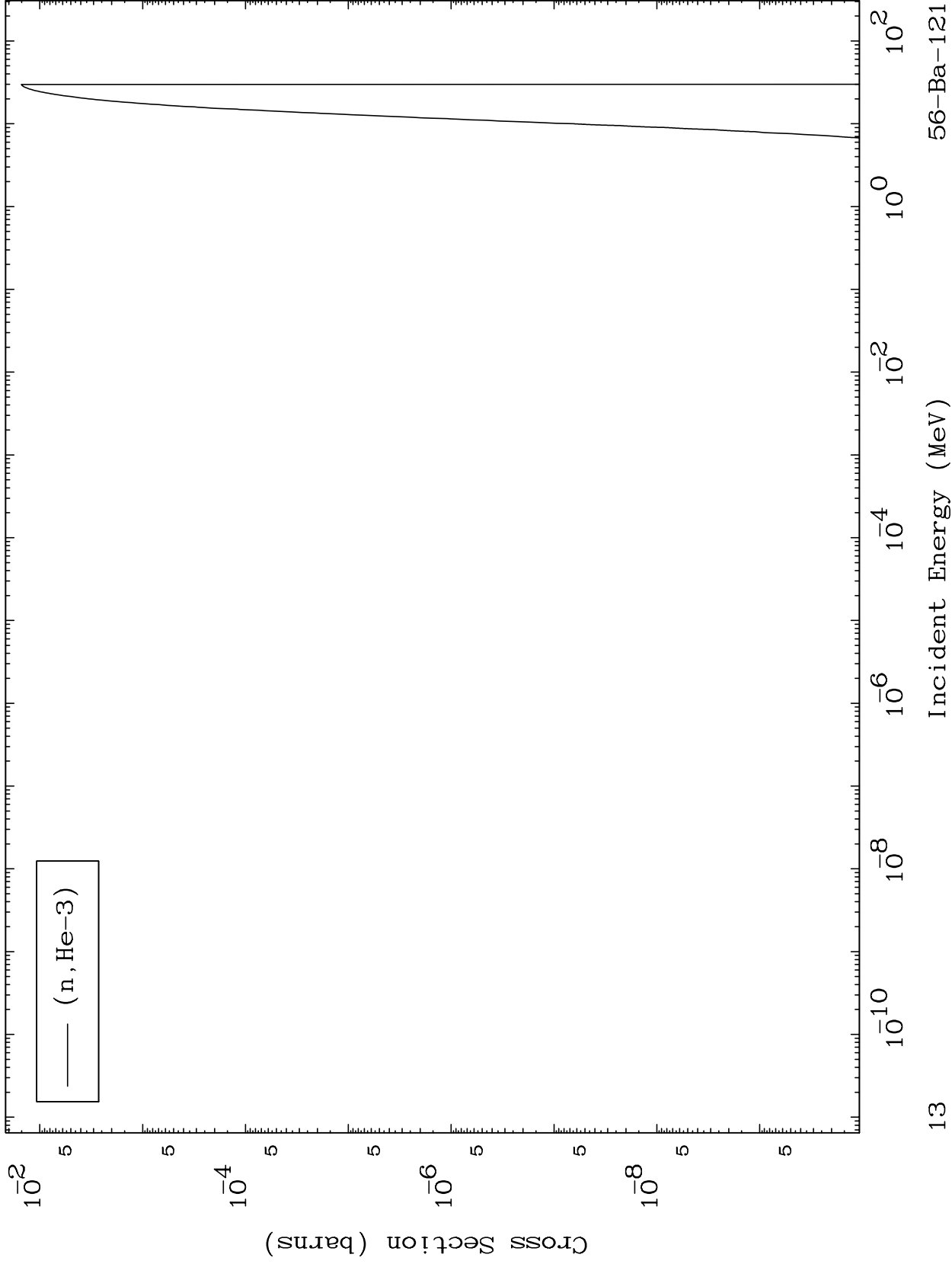
Incident Energy (MeV)

56-Ba-121

MAT 5598

(n,He3) Levels
293 Kelvin Cross Sections

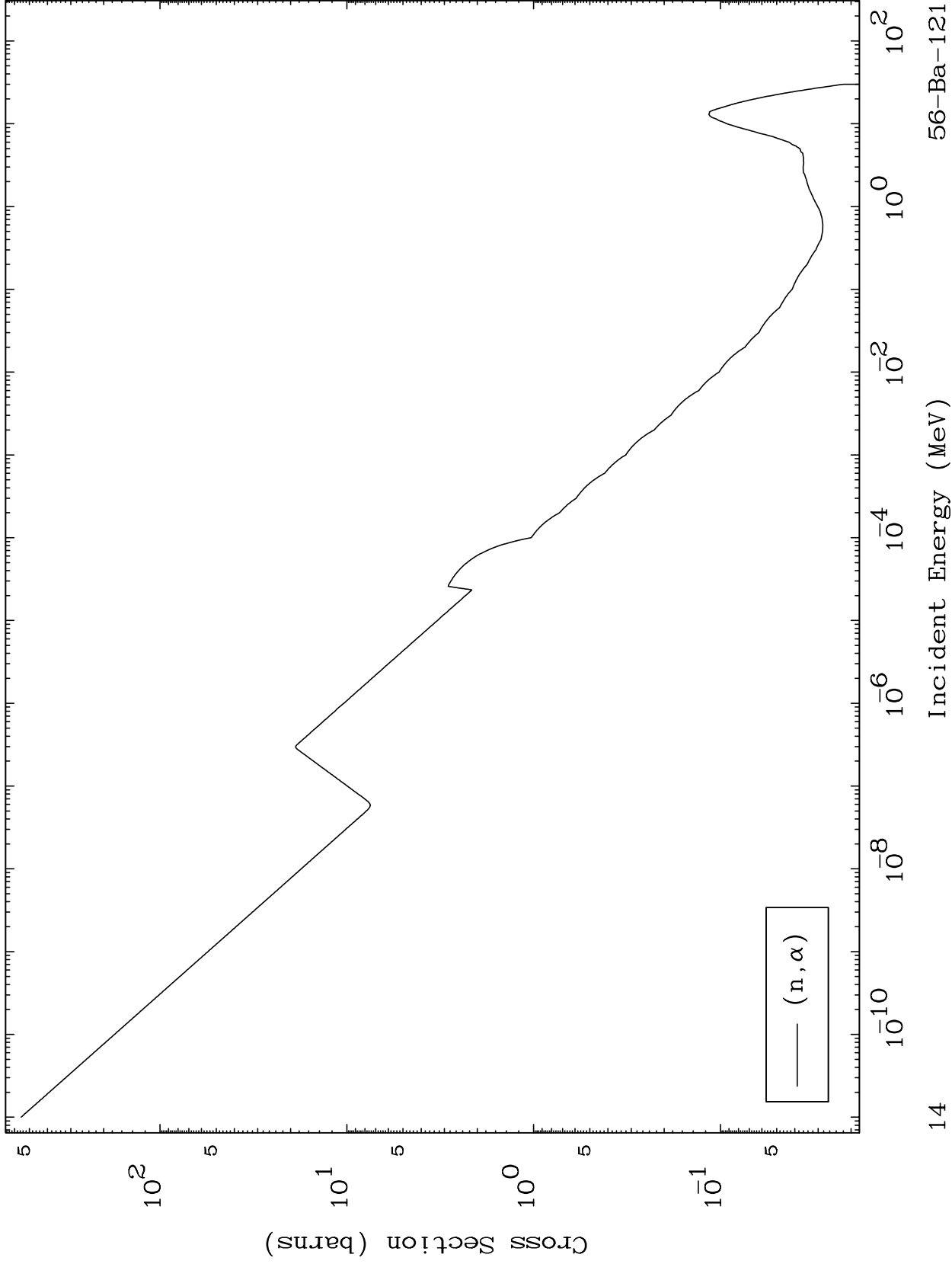
56-Ba-121

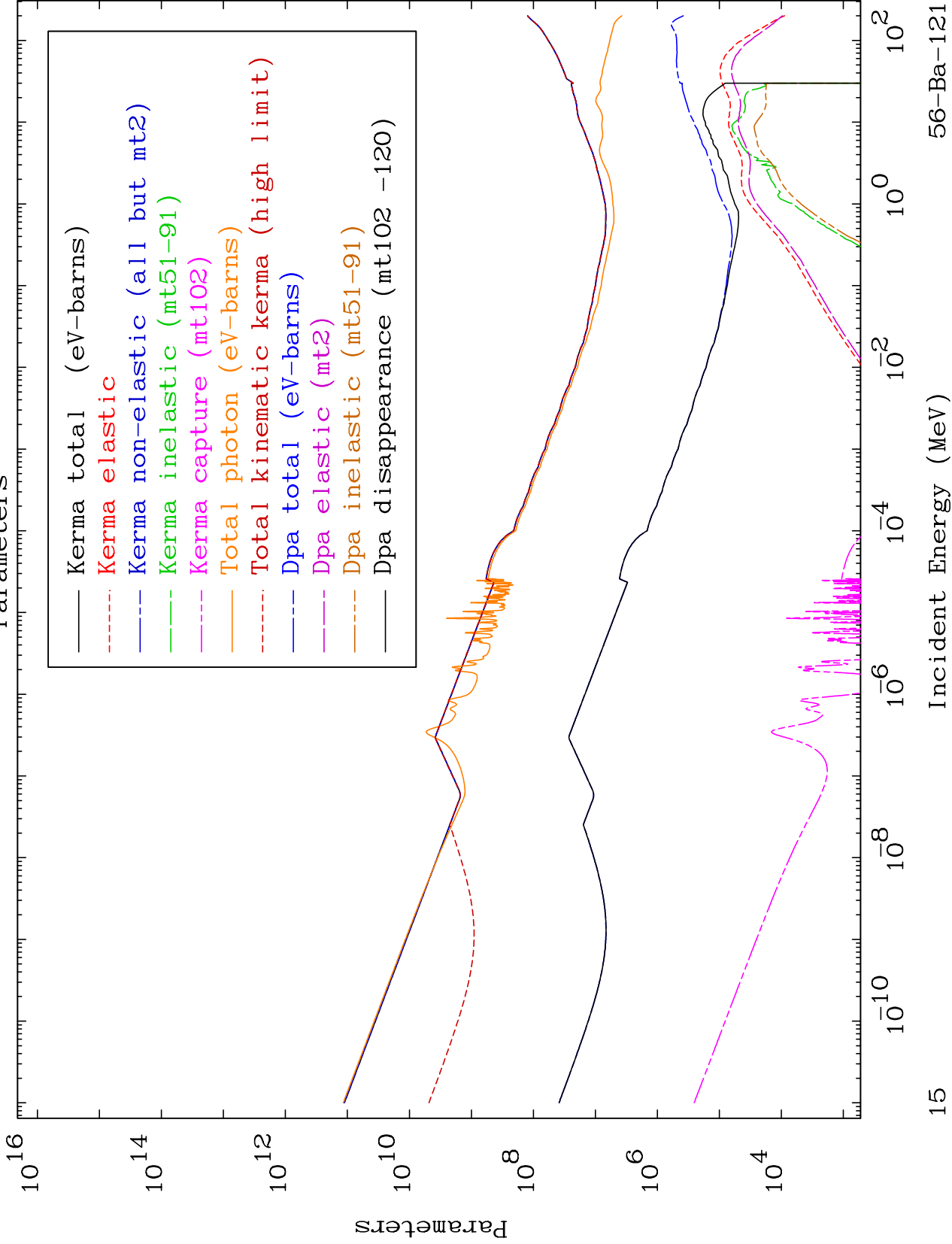


MAT 5598

(n,α) Levels
293 Kelvin Cross Sections

56-Ba-121

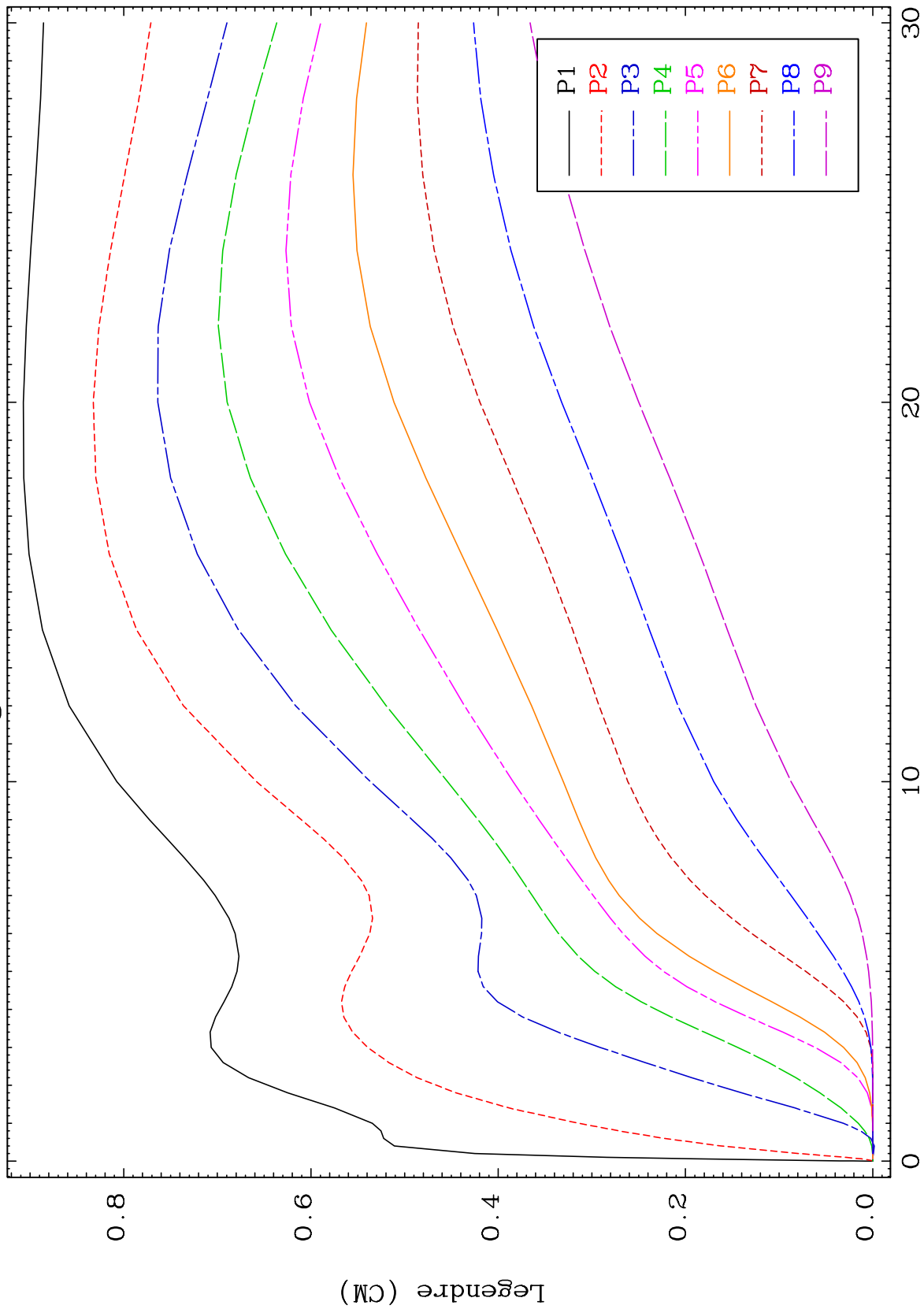




MAT 5598

Elastic Legendre Coefficients

56-Ba-121



16

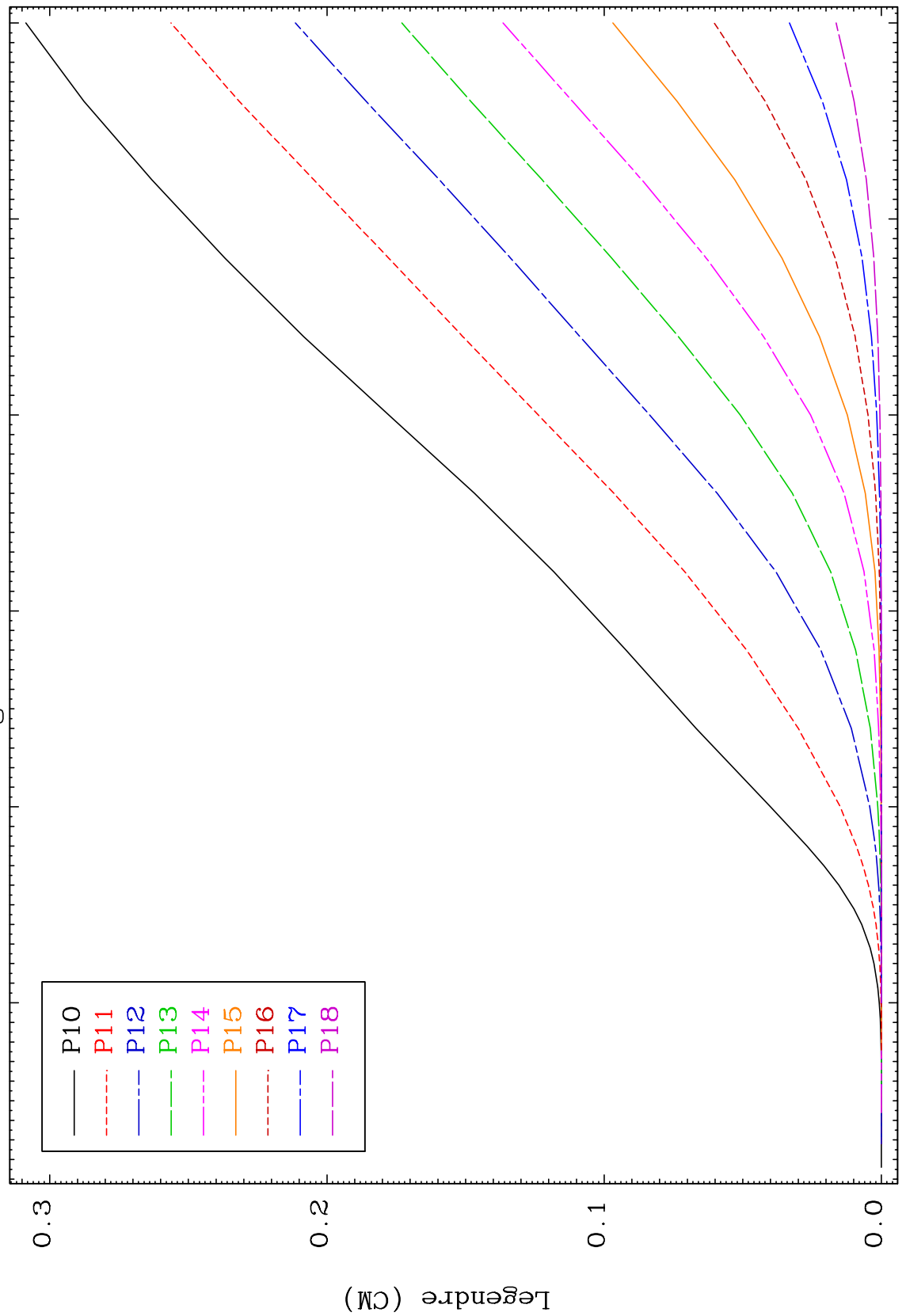
Incident Energy (MeV)

56-Ba-121

MAT 5598

Elastic Legendre Coefficients

56-Ba-121



17

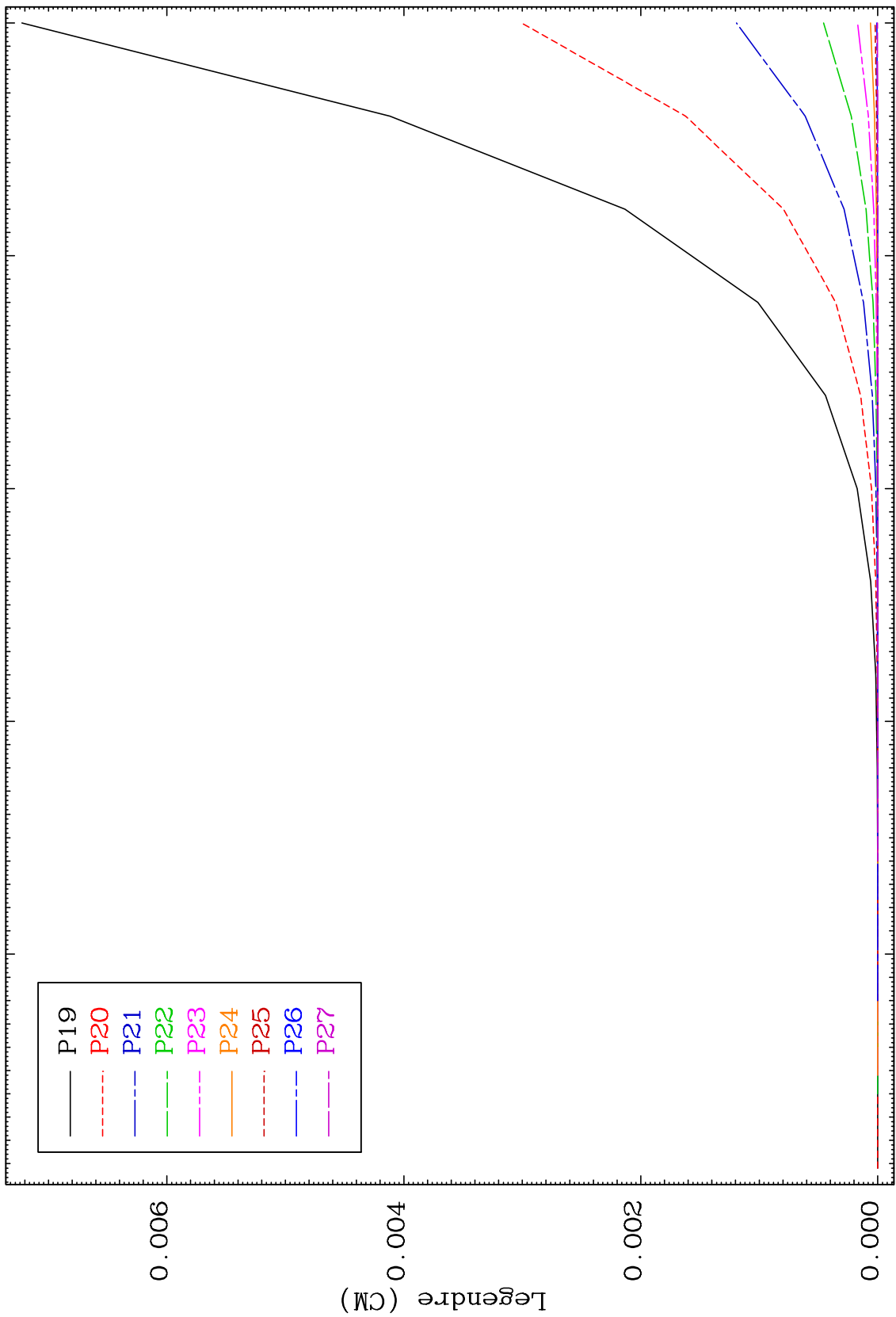
56-Ba-121

Incident Energy (MeV)

MAT 5598

Elastic Legendre Coefficients

56-Ba-121



18

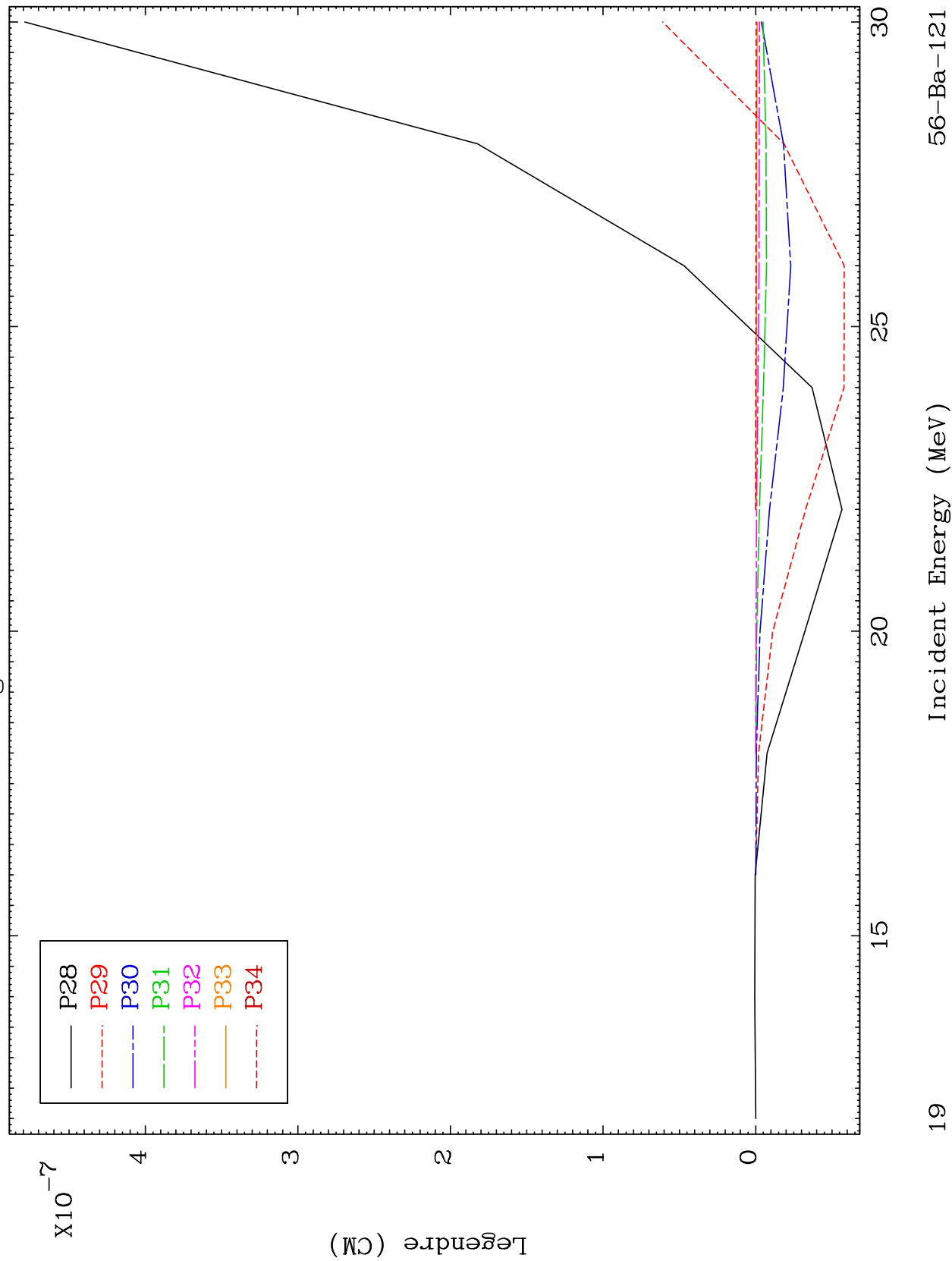
Incident Energy (MeV)

56-Ba-121

MAT 5598

Elastic Legendre Coefficients

56-Ba-121



19

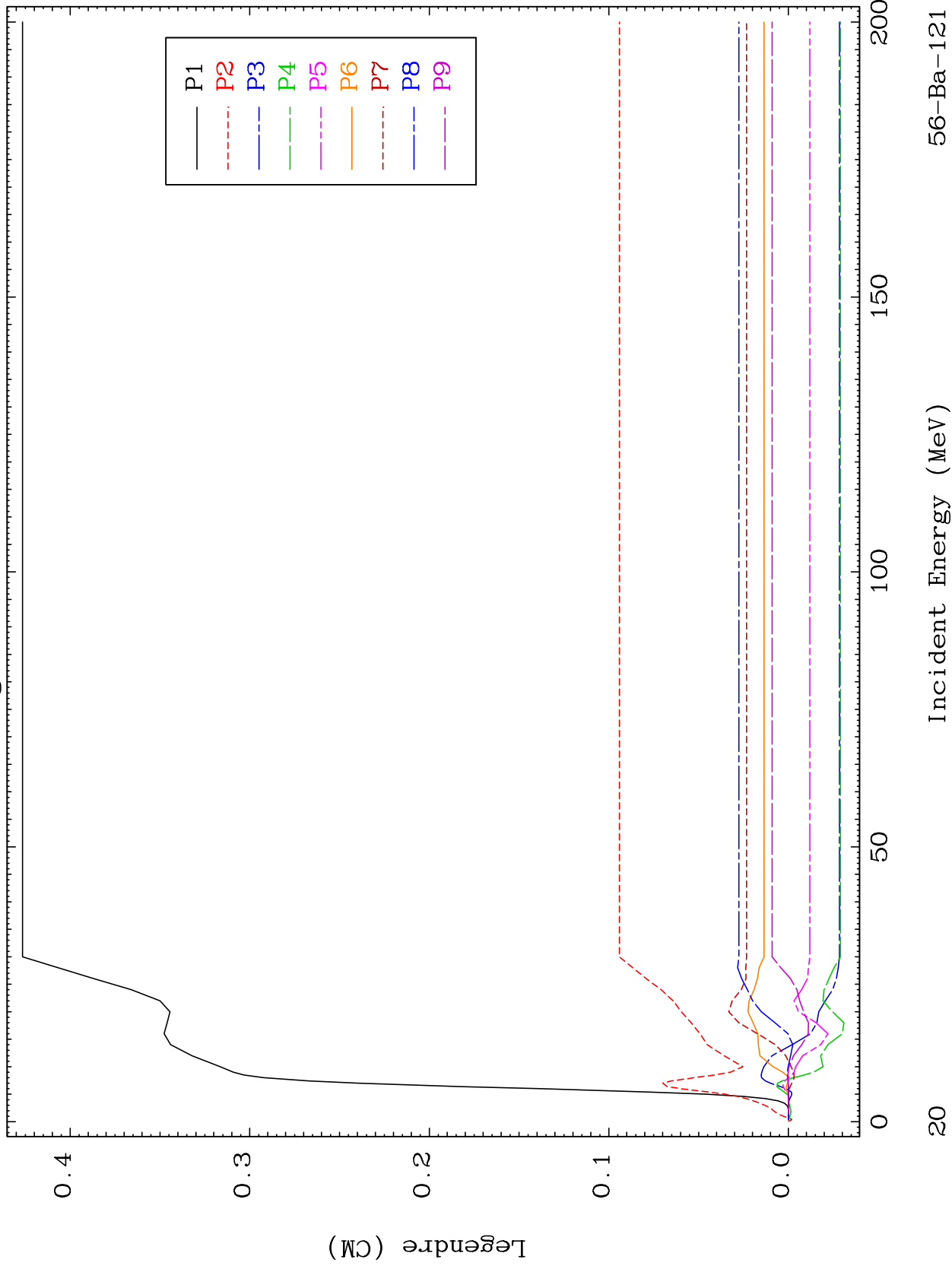
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

56-Ba-121



56-Ba-121

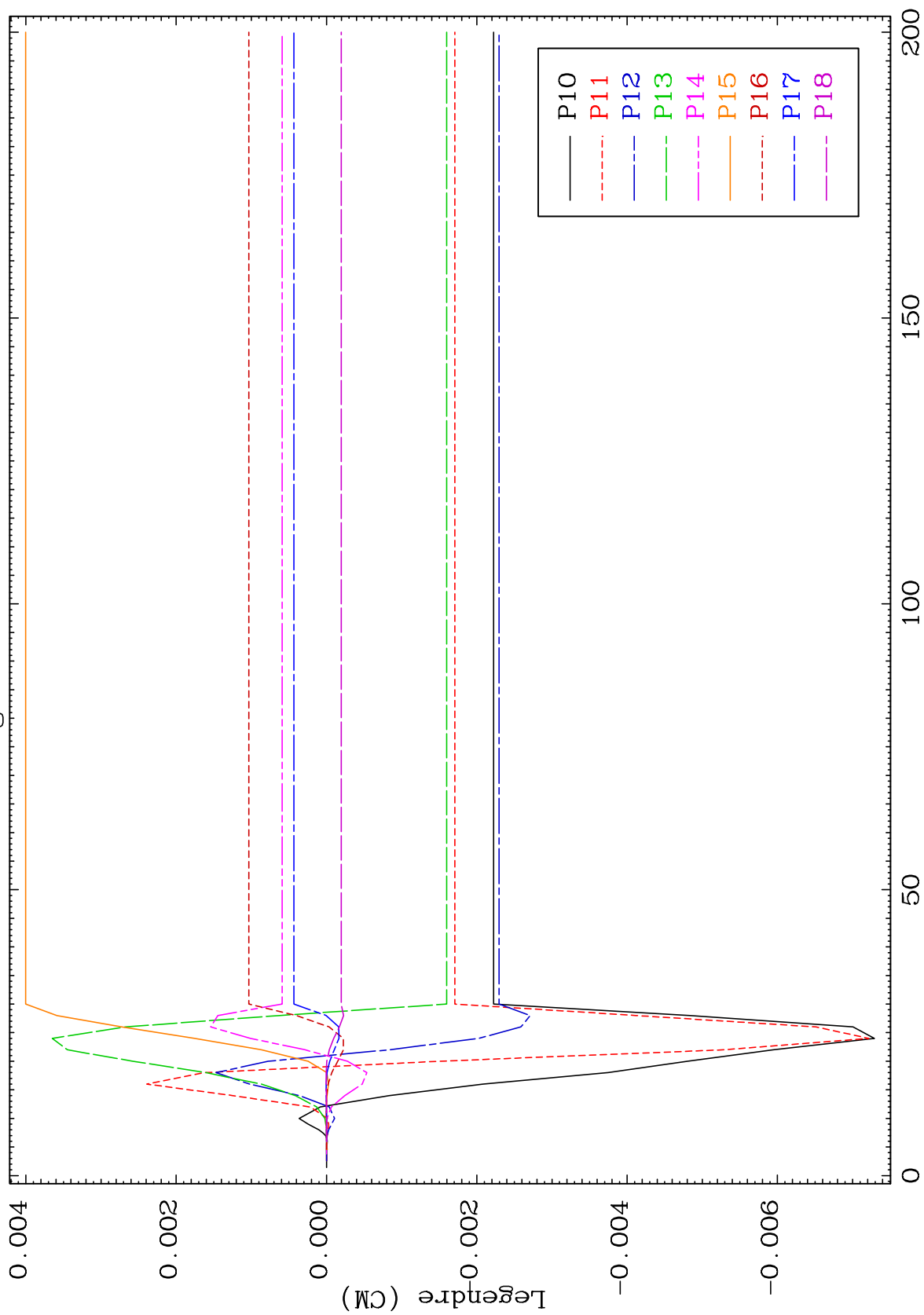
Incident Energy (MeV)

20

MAT 5598

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

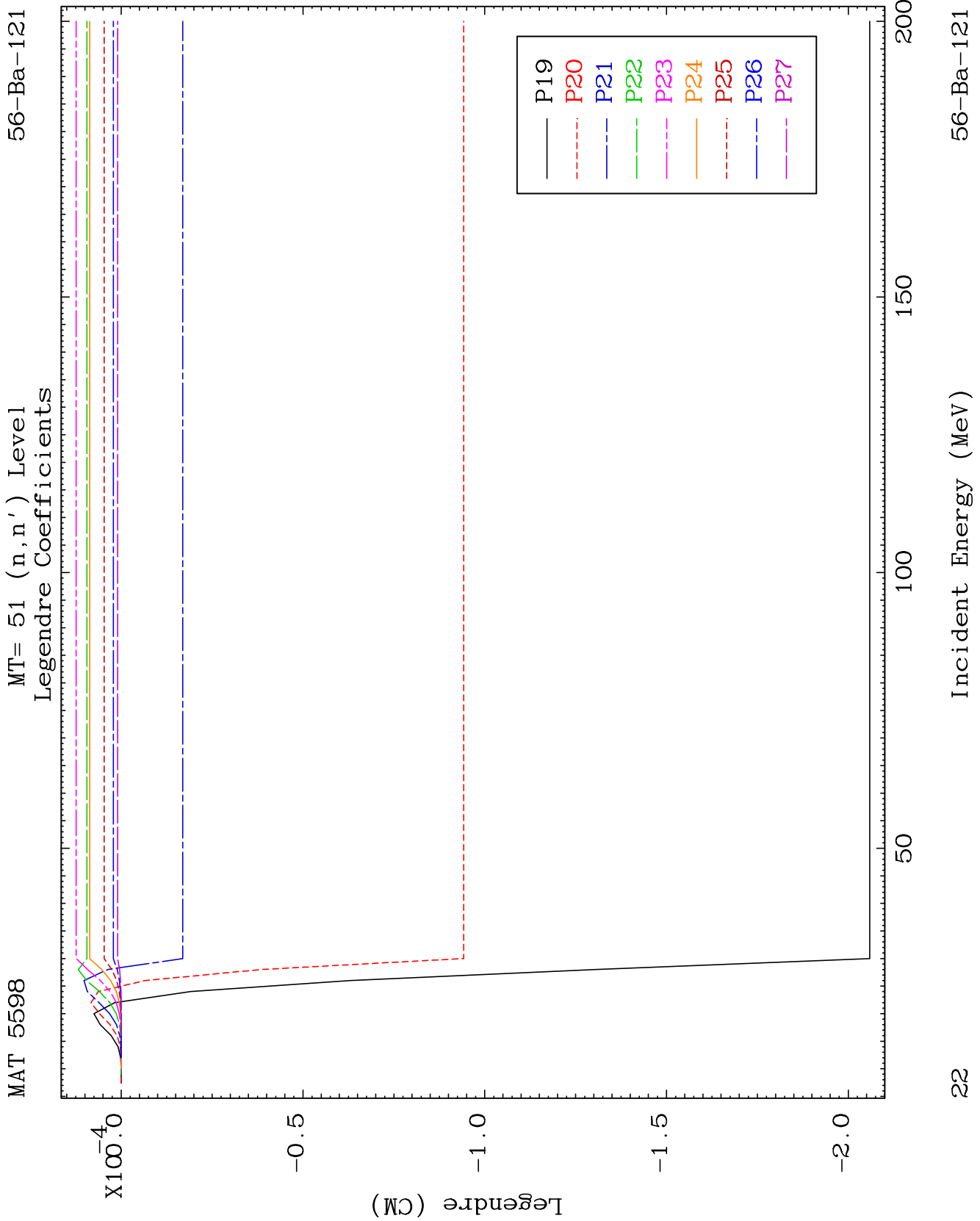
56-Ba-121



21

Incident Energy (MeV)

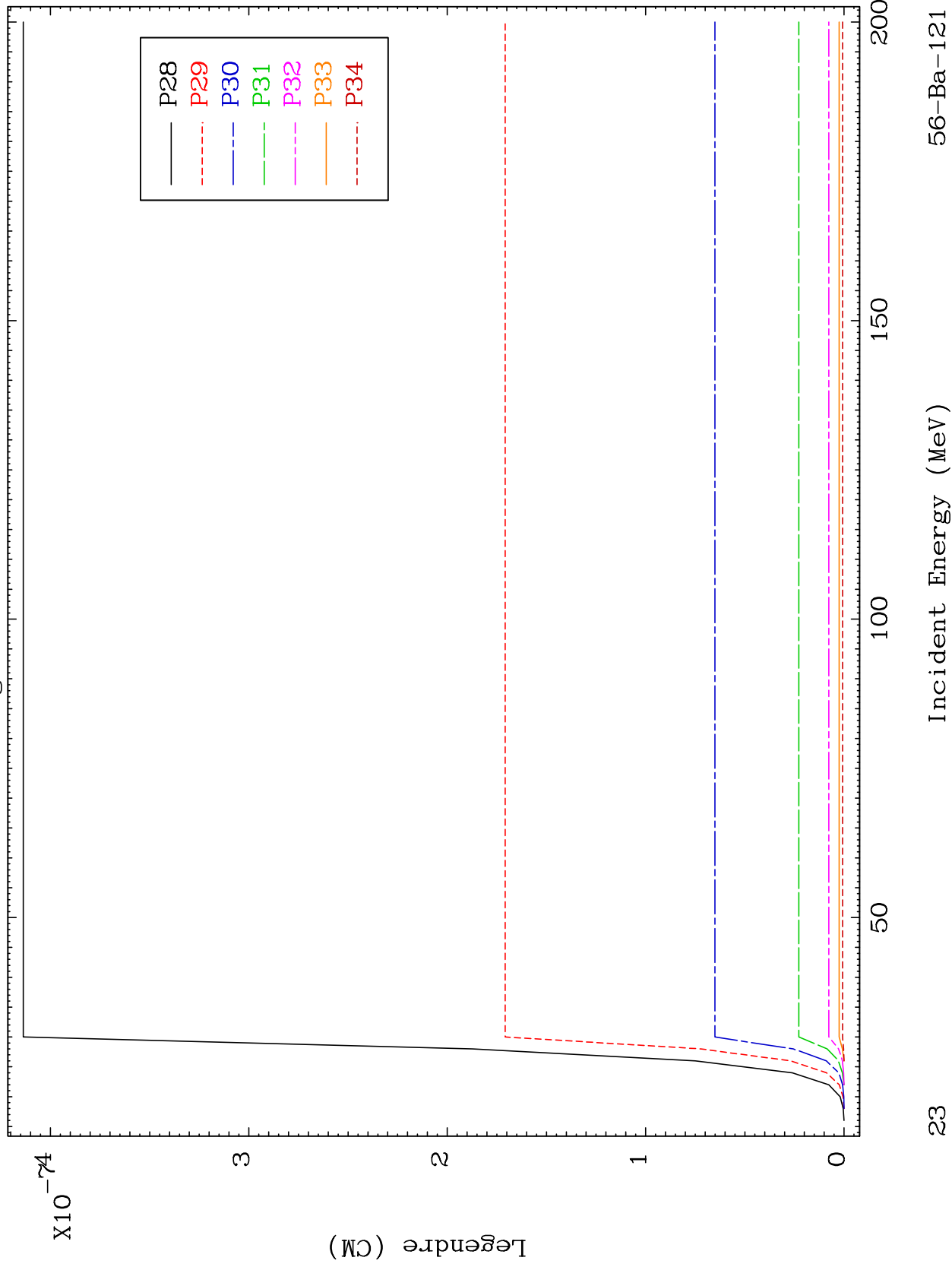
56-Ba-121



MAT 5598

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

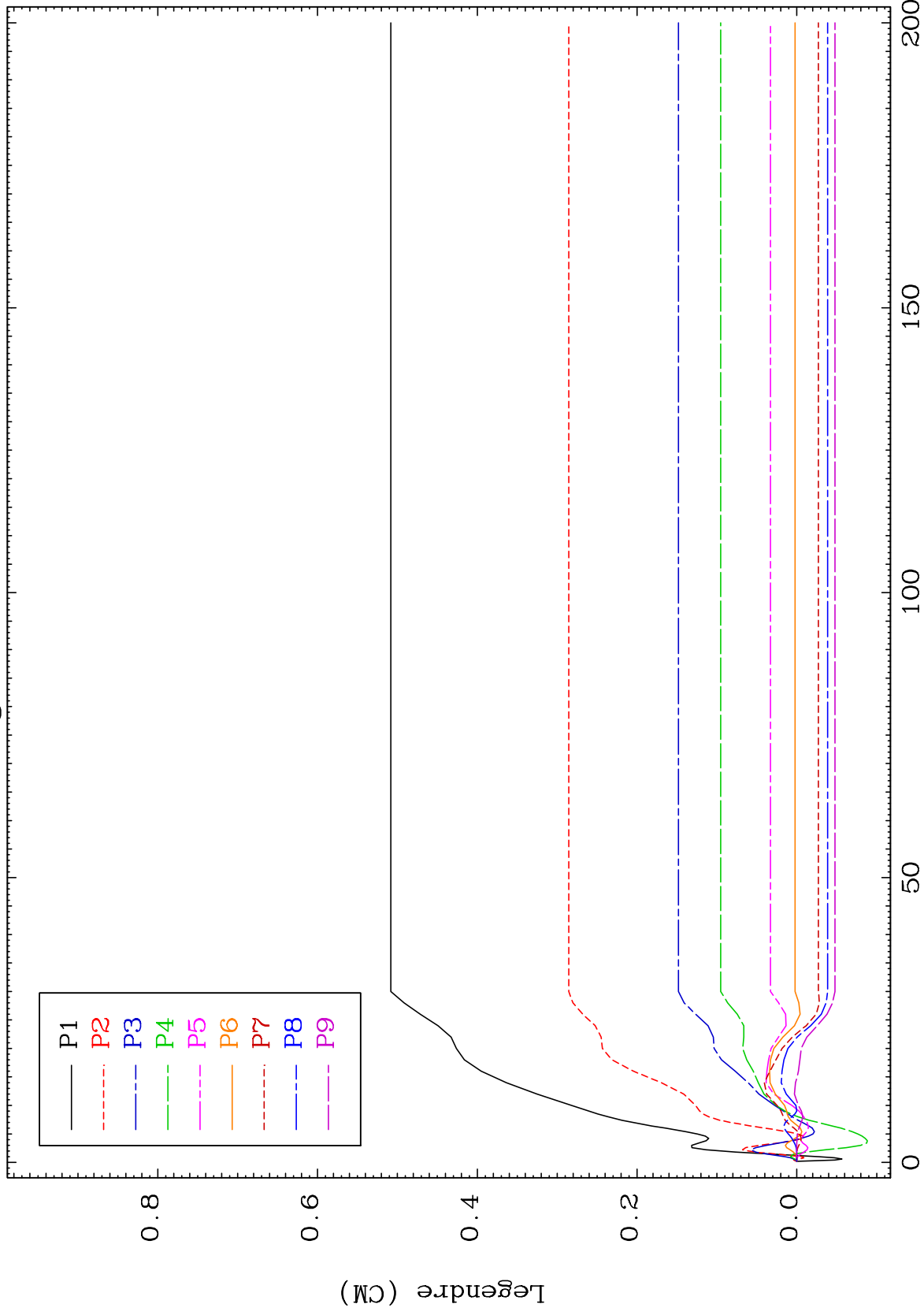
56-Ba-121



MAT 5598

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

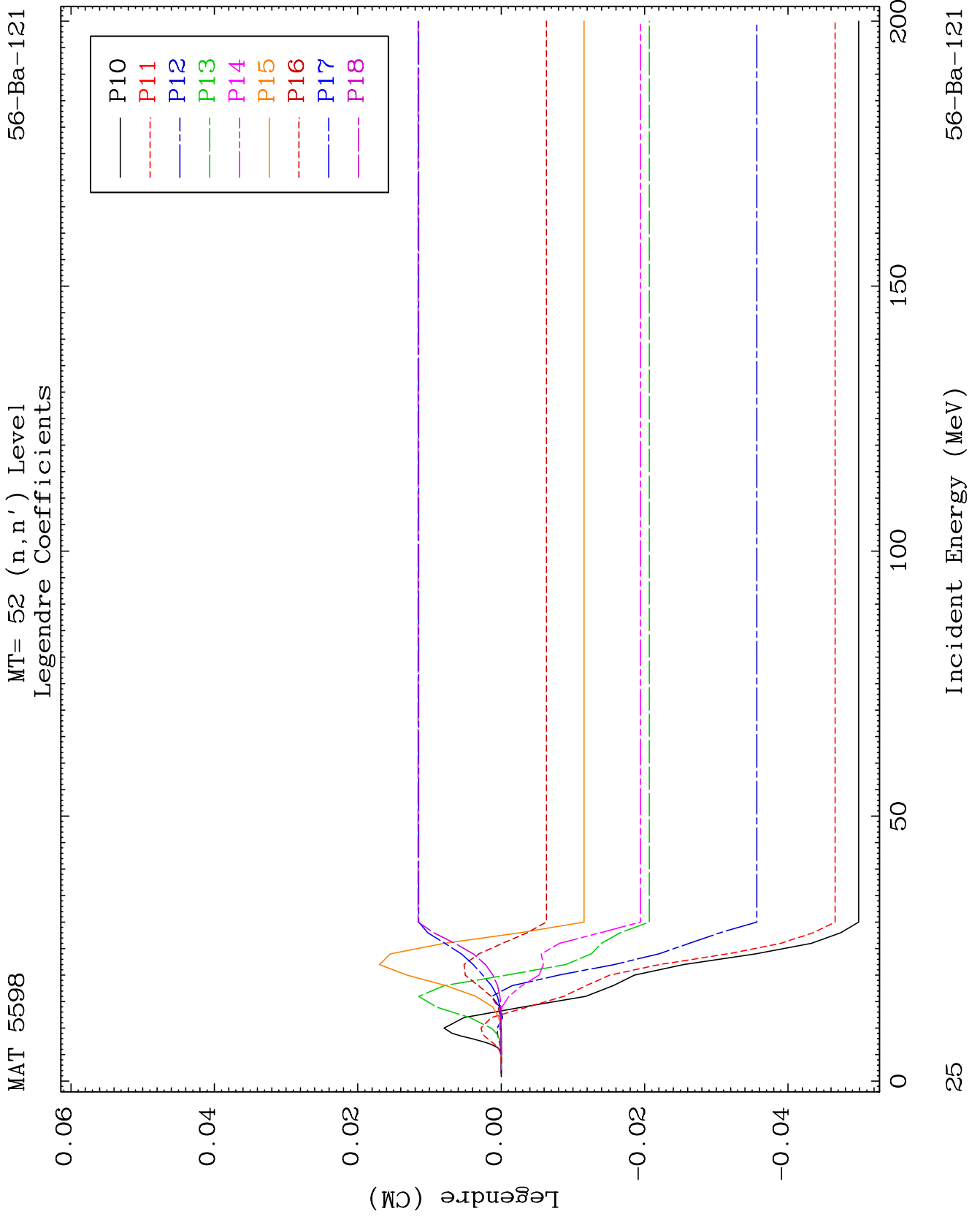
56-Ba-121



24

Incident Energy (MeV)

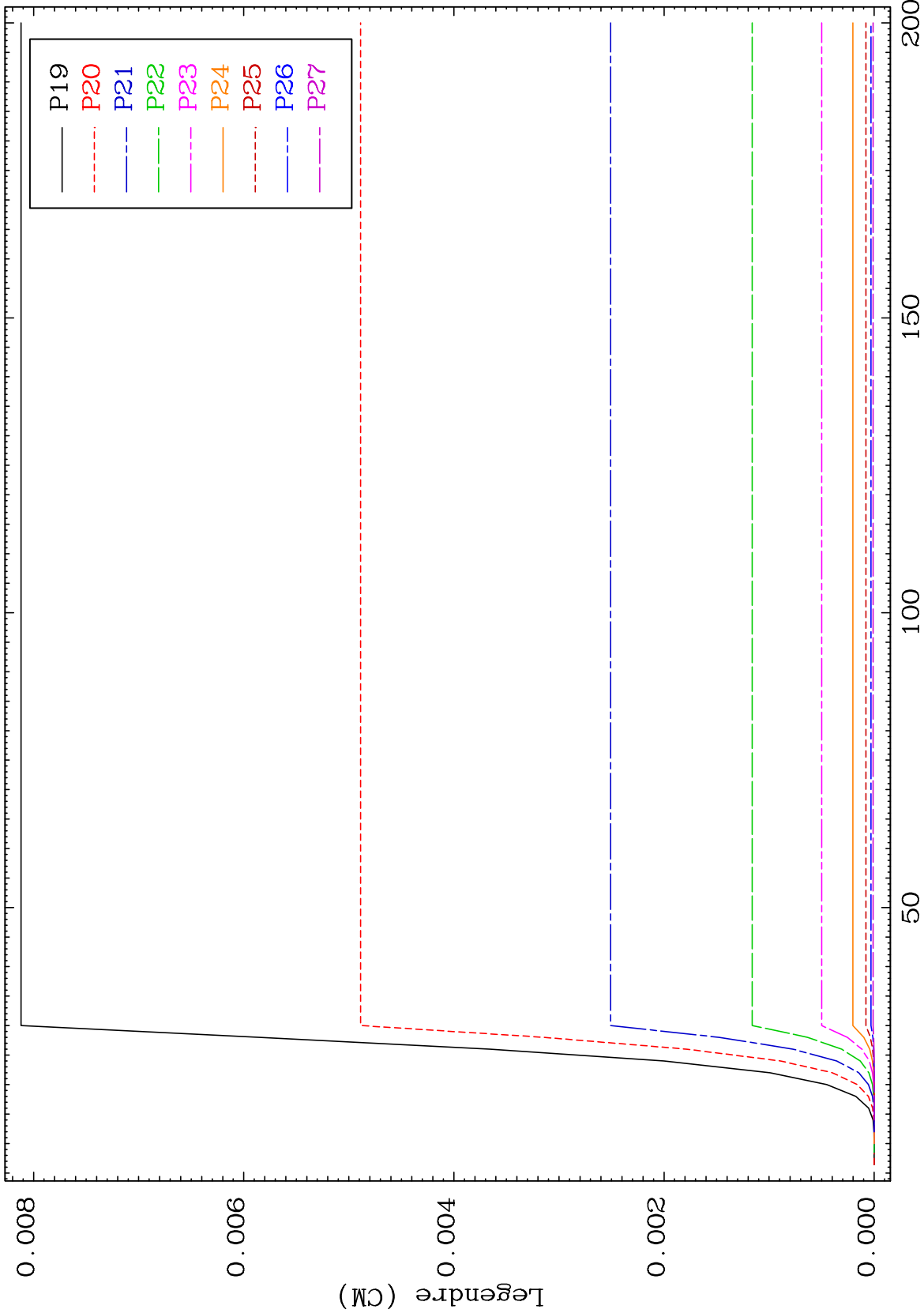
56-Ba-121



MAT 5598

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

56-Ba-121



26

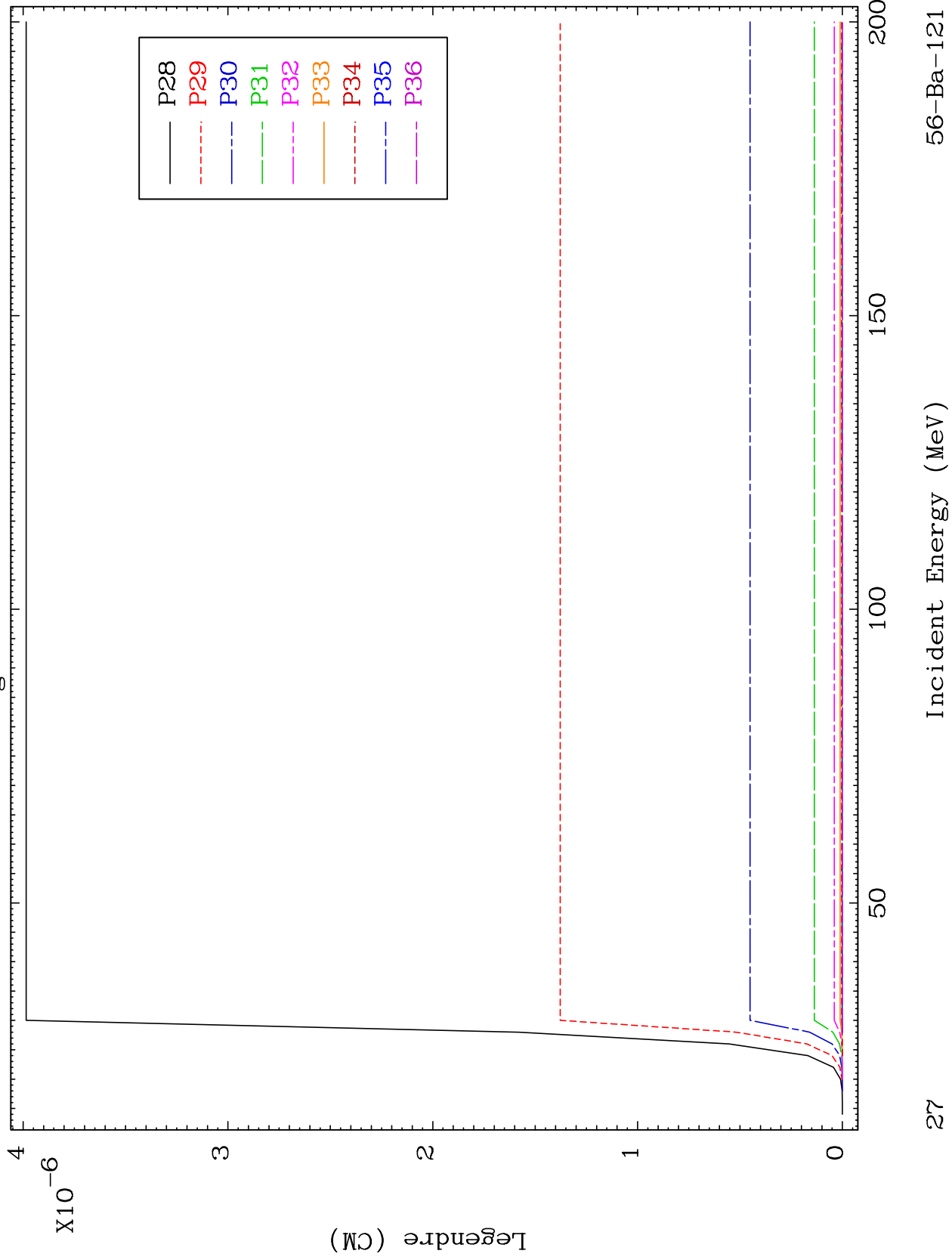
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

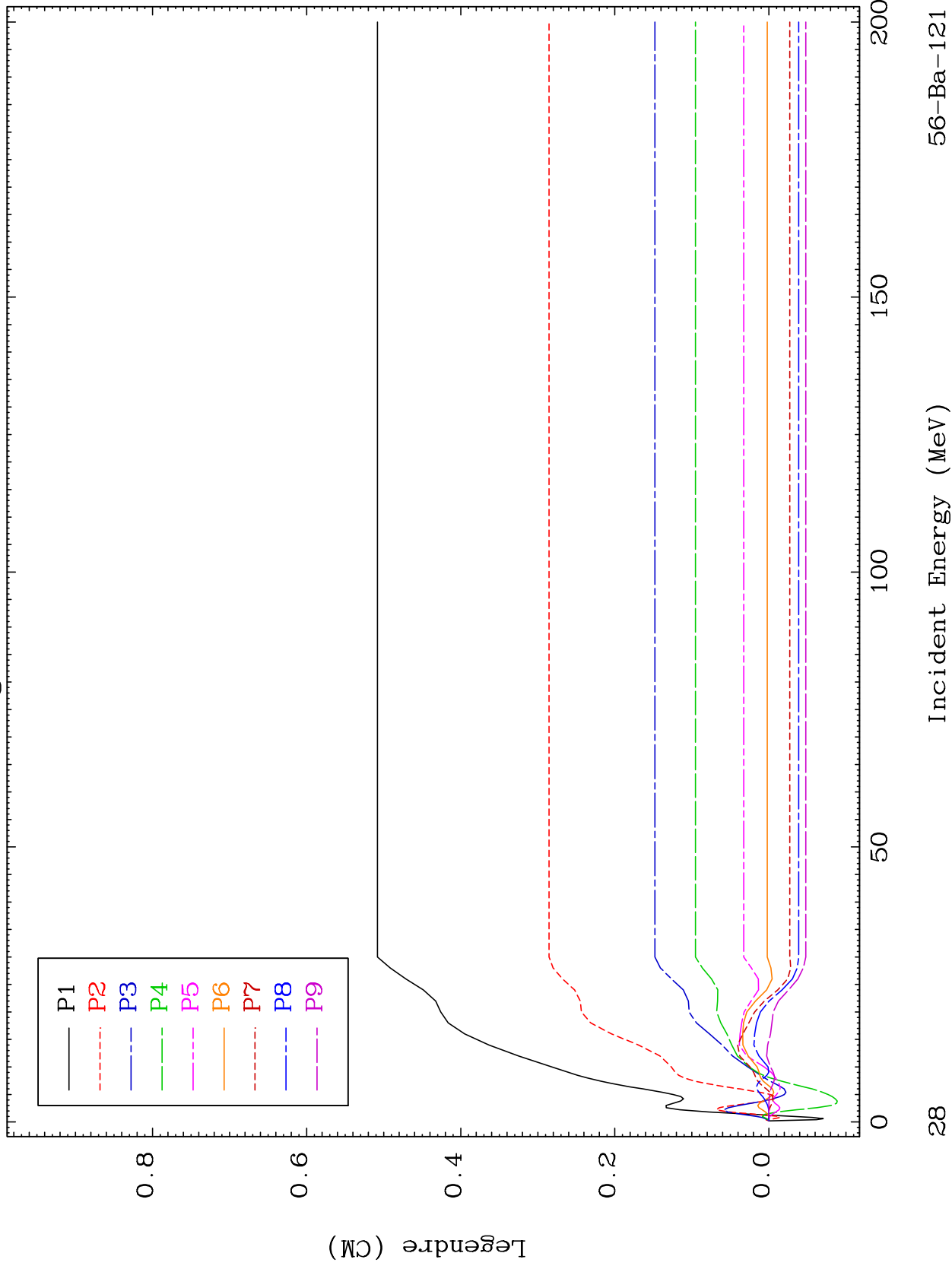
56-Ba-121



MAT 5598

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

56-Ba-121



56-Ba-121

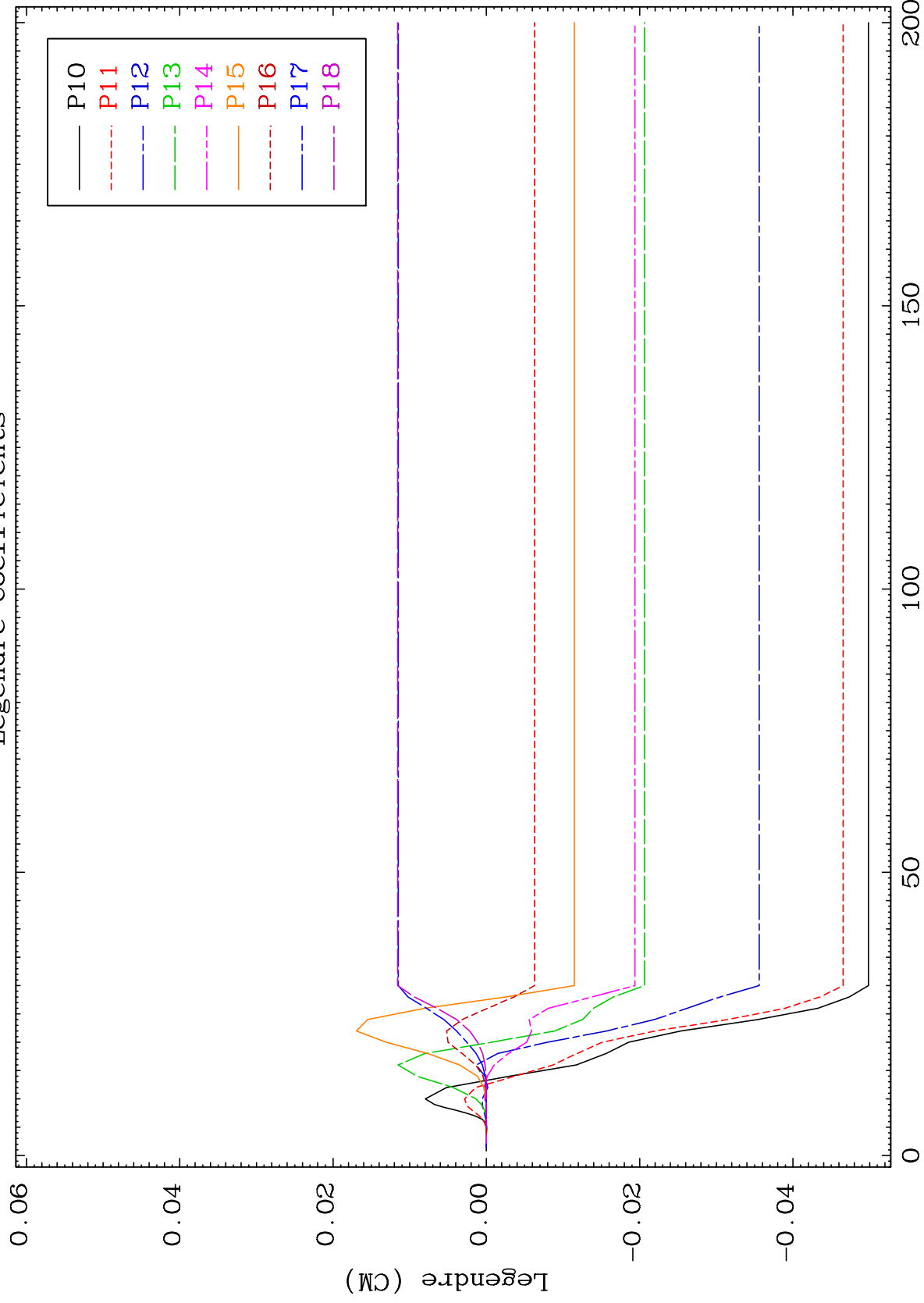
Incident Energy (MeV)

28

MAT 5598

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

56-Ba-121



29

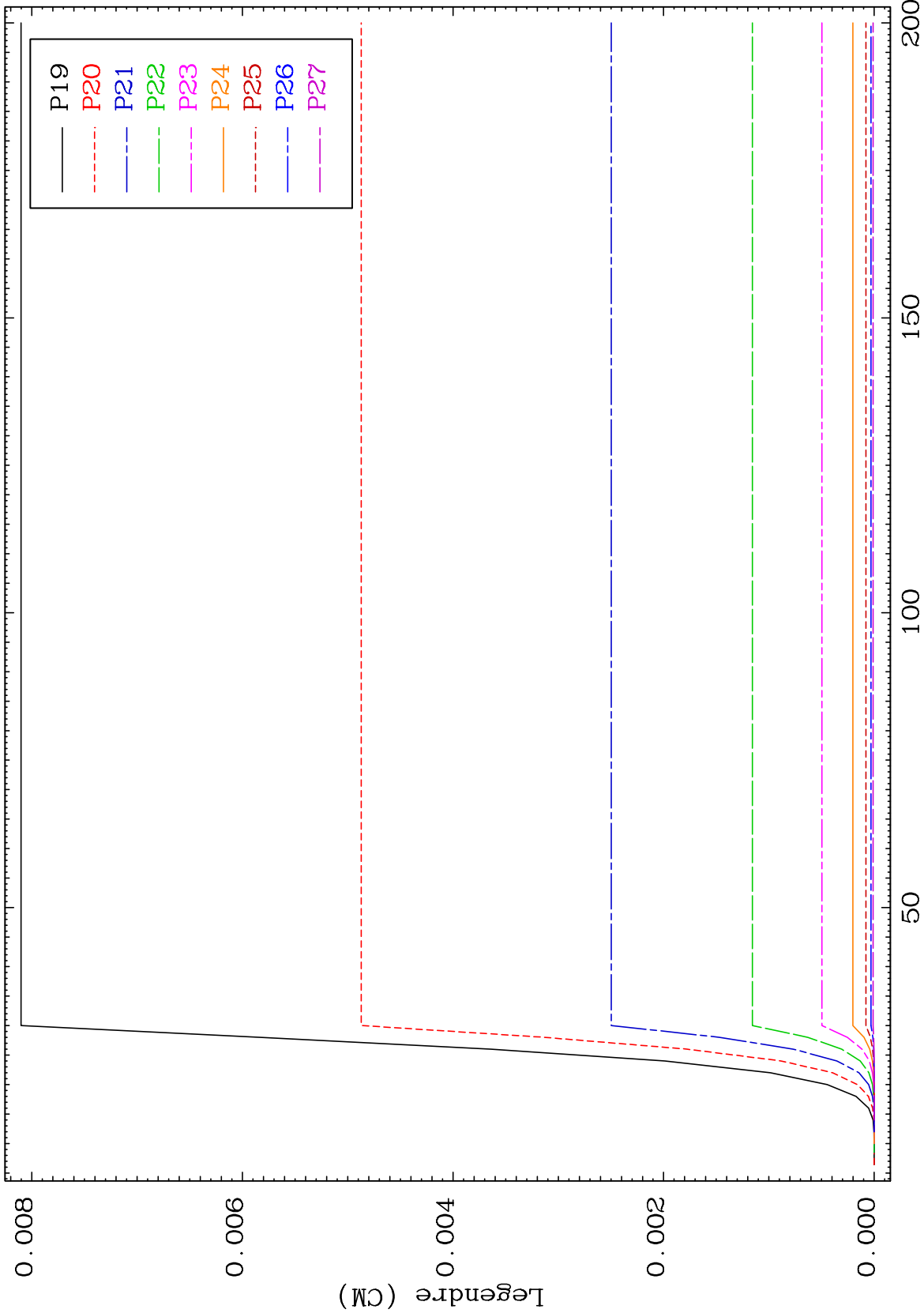
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

56-Ba-121



30

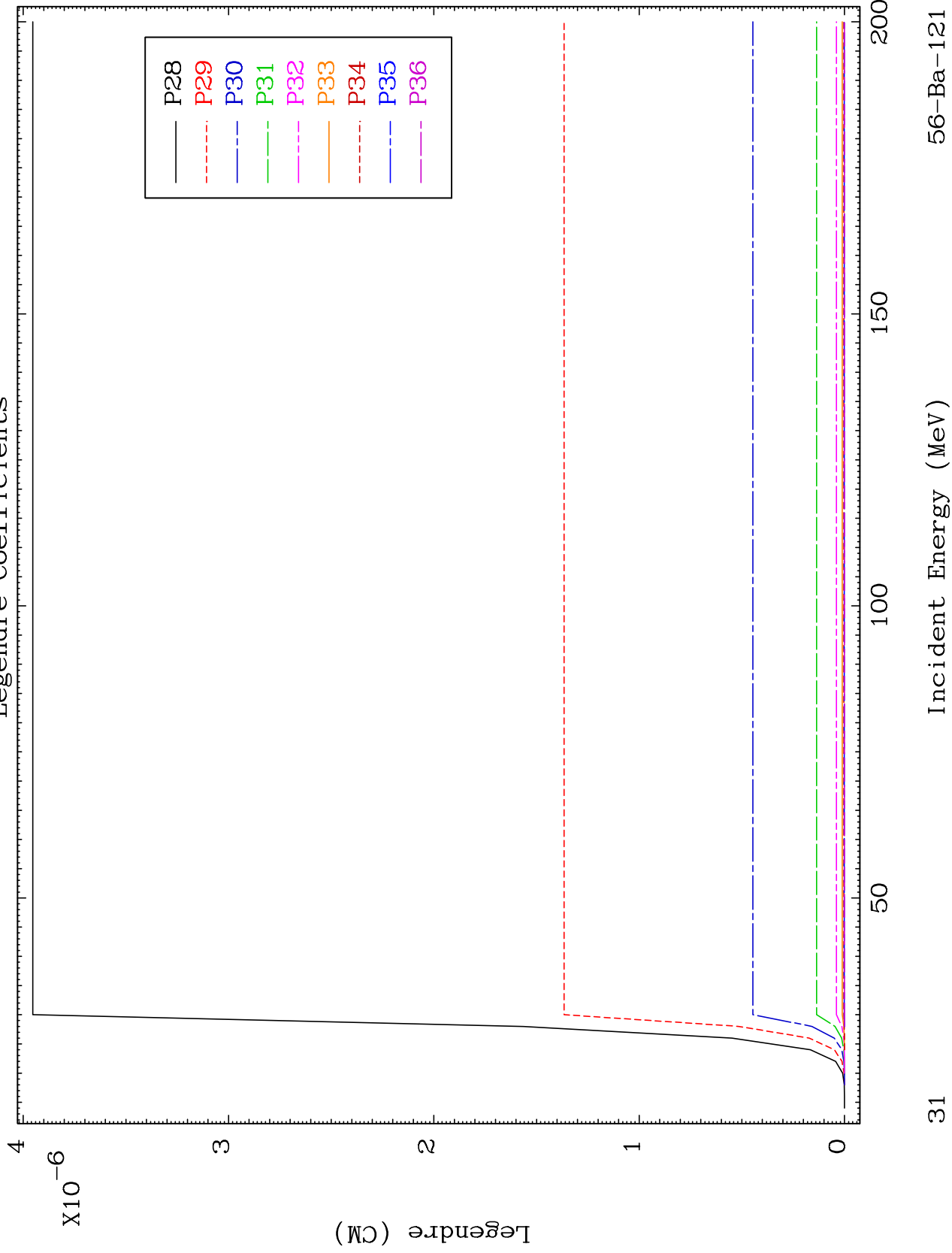
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

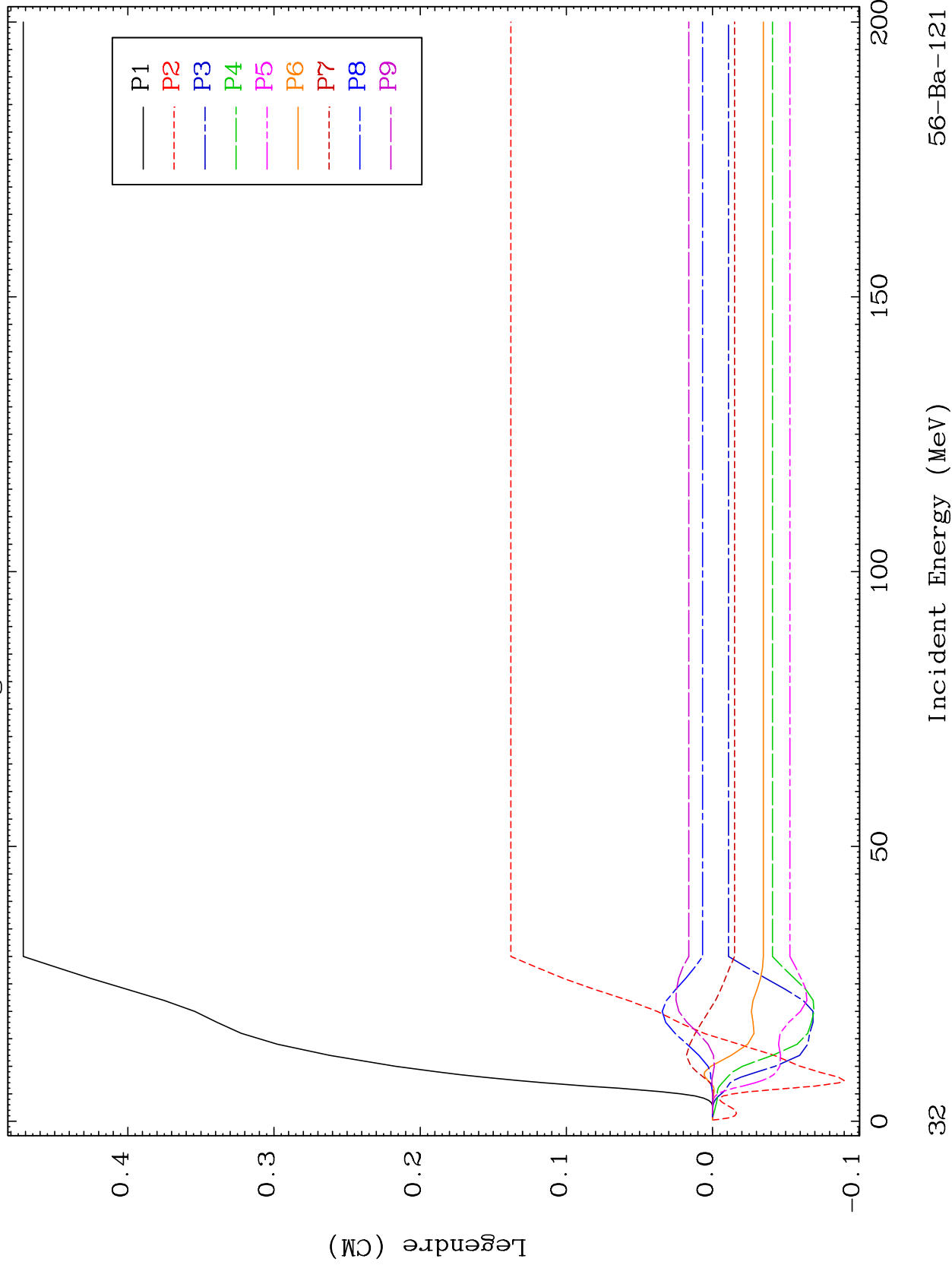
56-Ba-121



MAT 5598

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

56-Ba-121



56-Ba-121

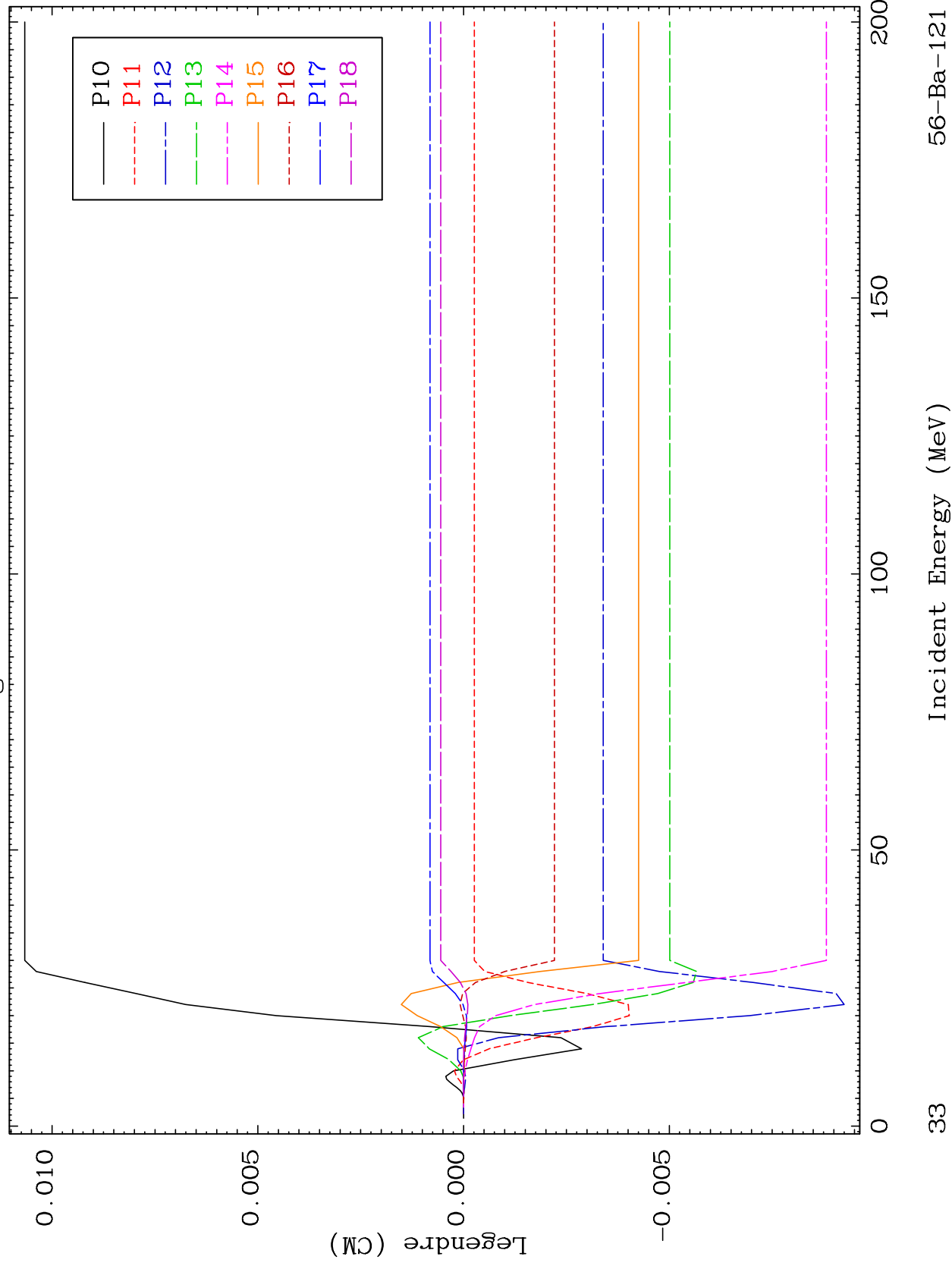
Incident Energy (MeV)

32

MAT 5598

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

56-Ba-121



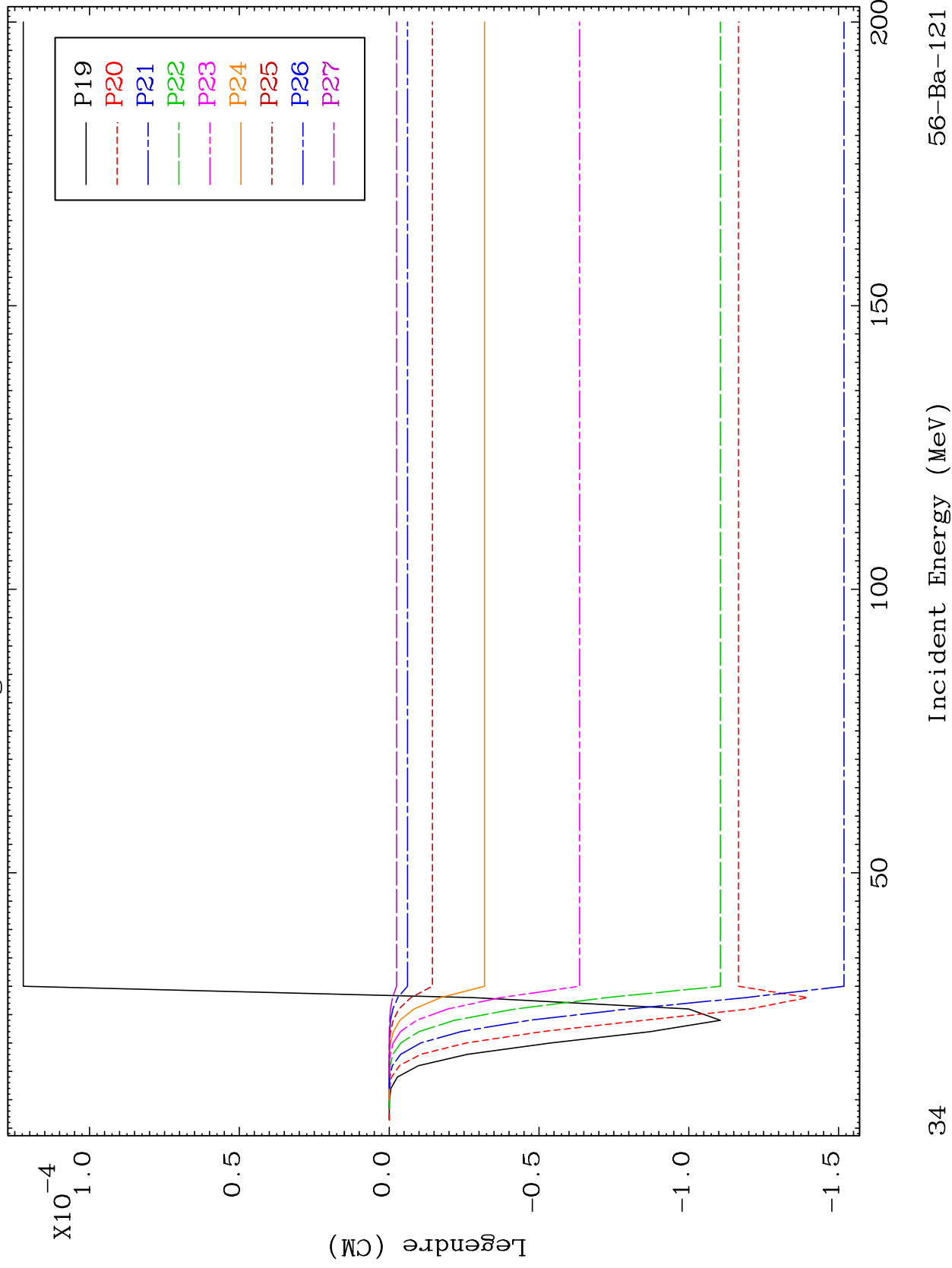
33

56-Ba-121

MAT 5598

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

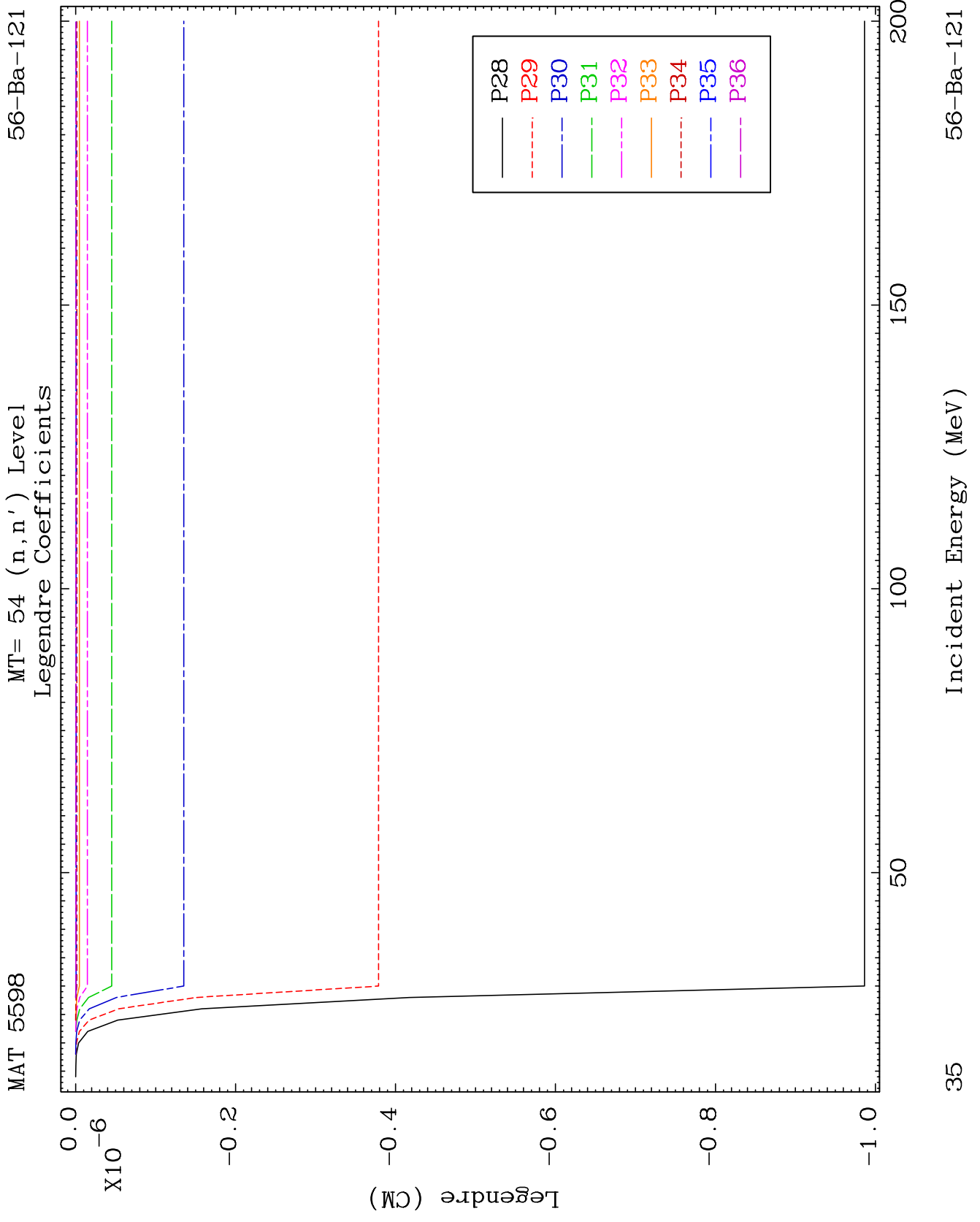
56-Ba-121



34

Incident Energy (MeV)

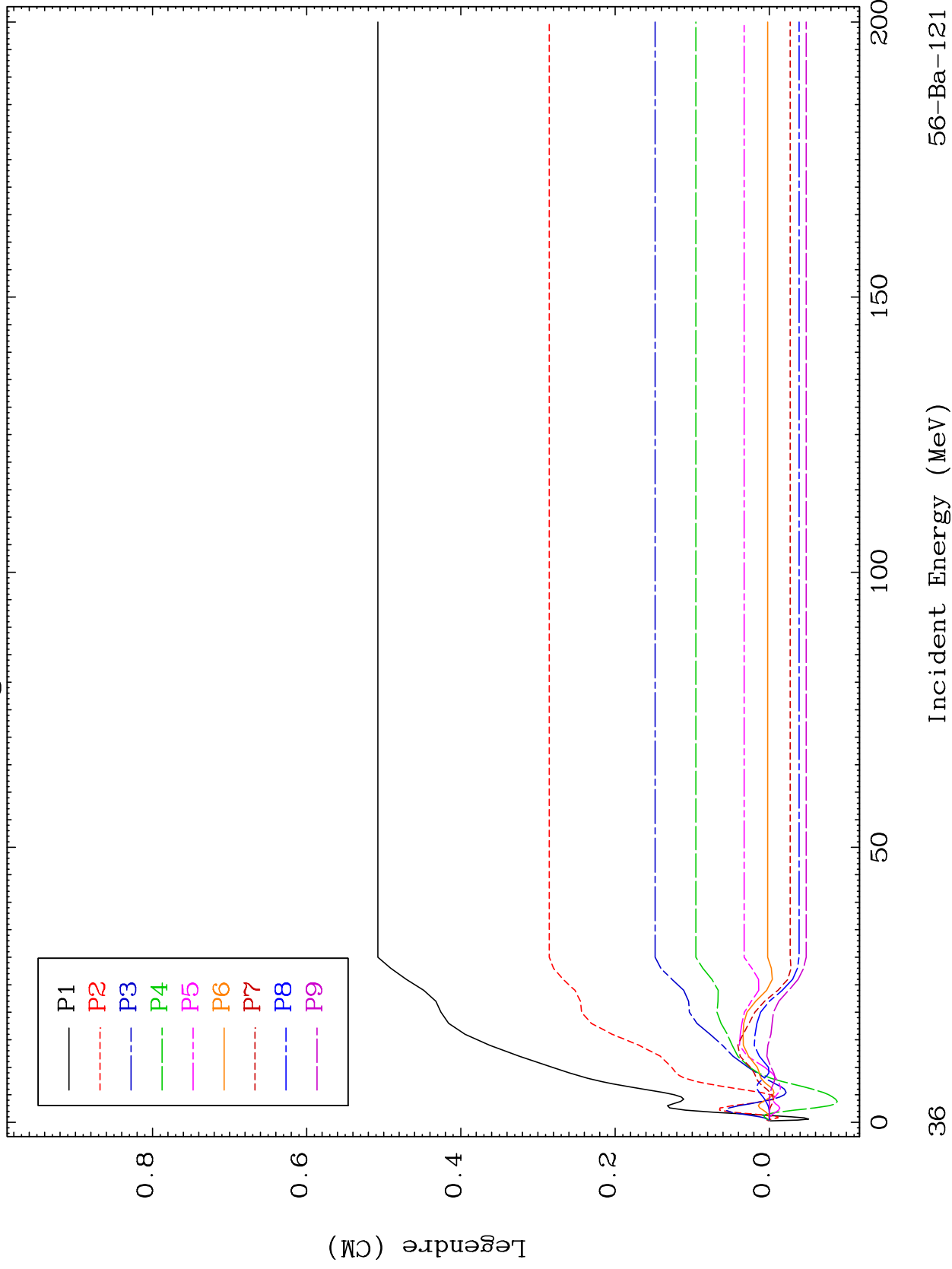
56-Ba-121



MAT 5598

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

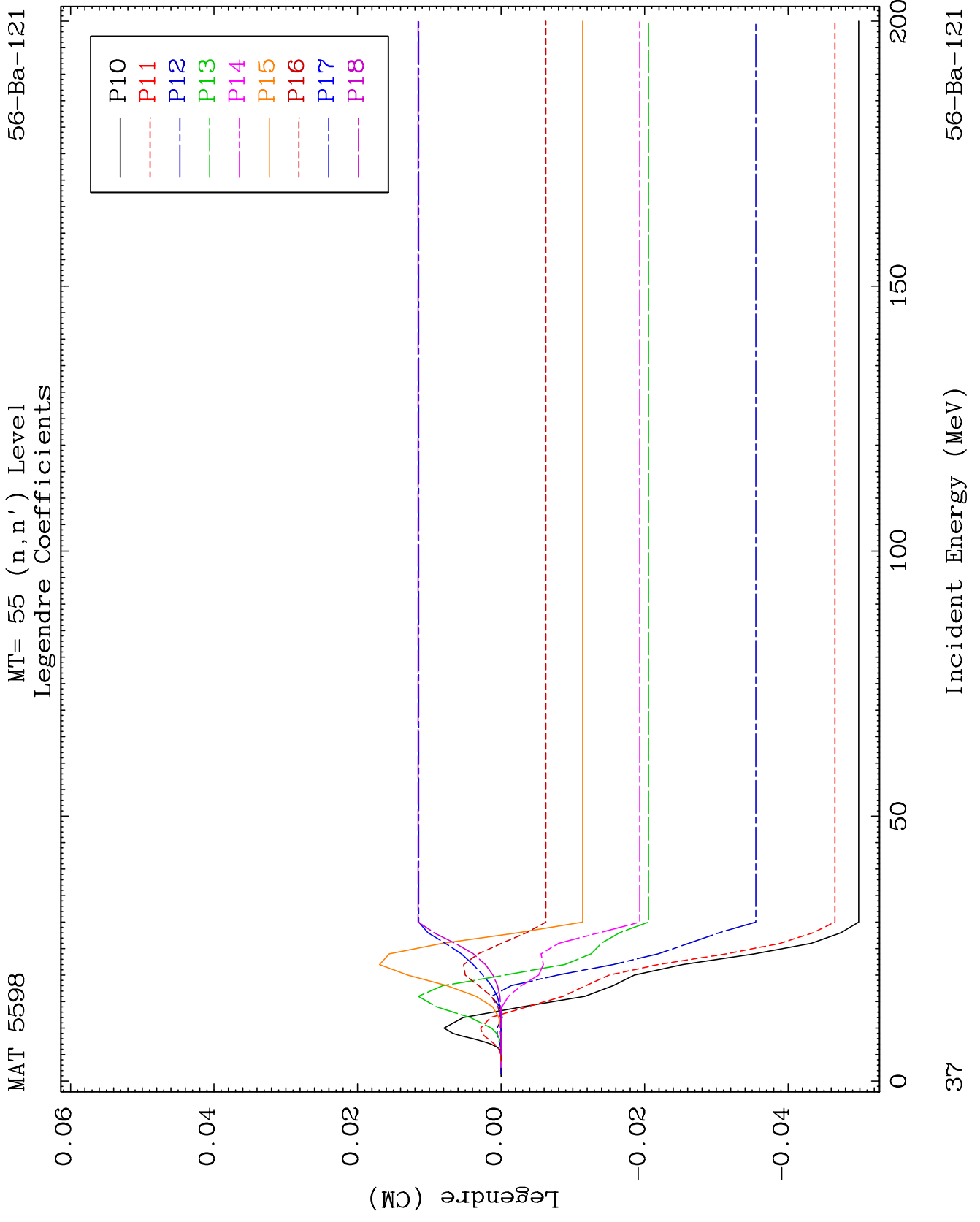
56-Ba-121



56-Ba-121

Incident Energy (MeV)

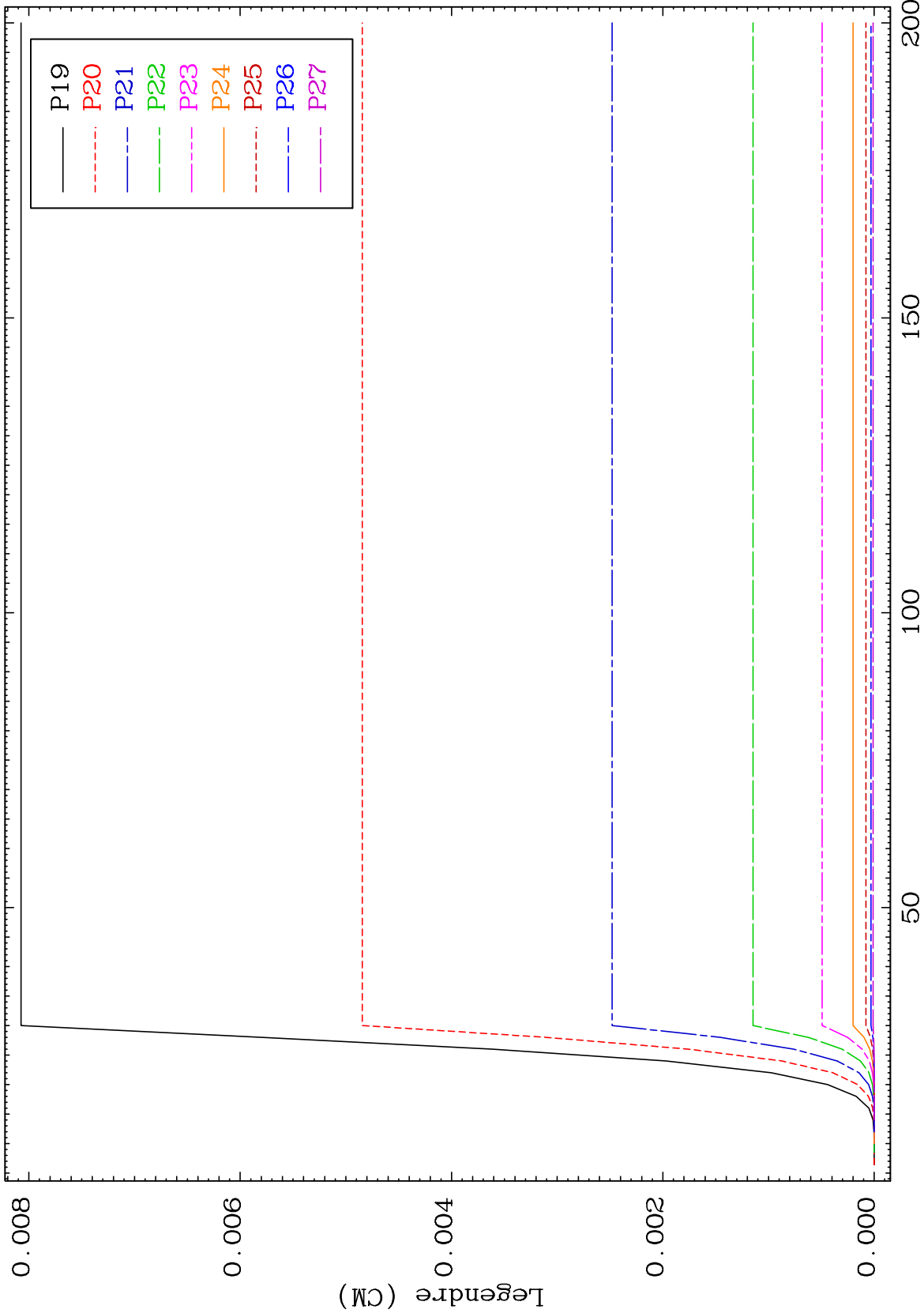
36



MAT 5598

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

56-Ba-121



38

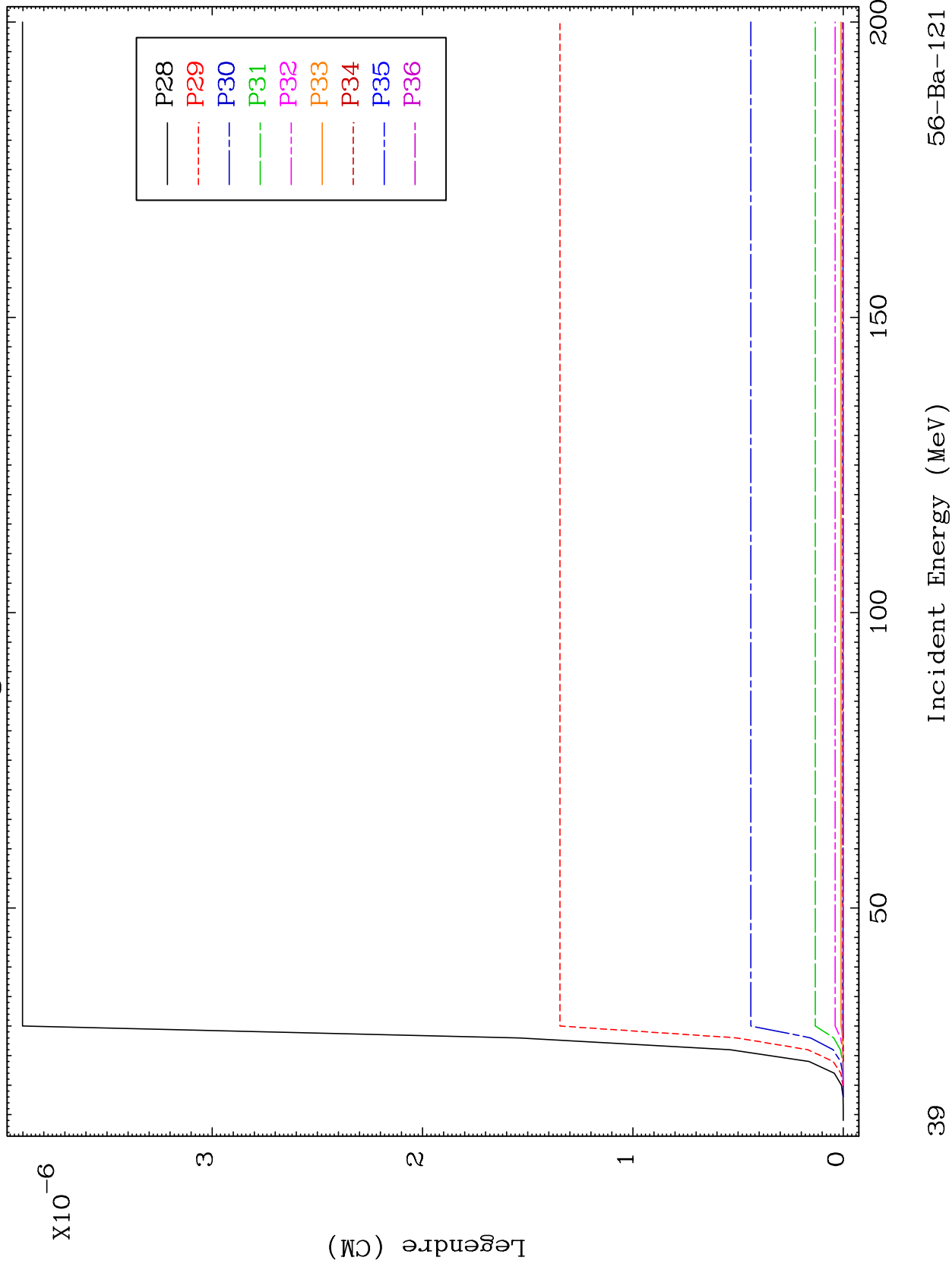
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

56-Ba-121



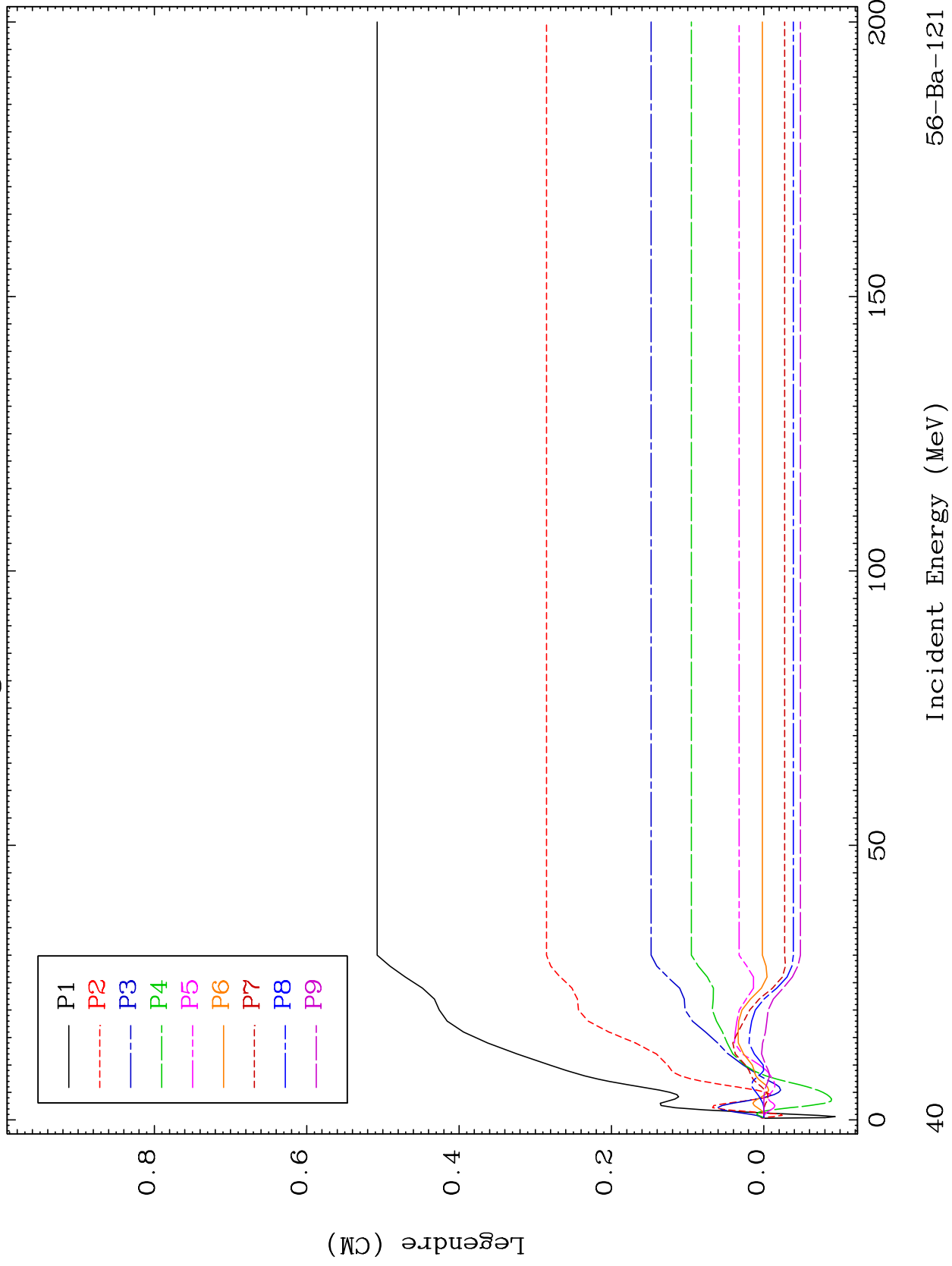
39

56-Ba-121

MAT 5598

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

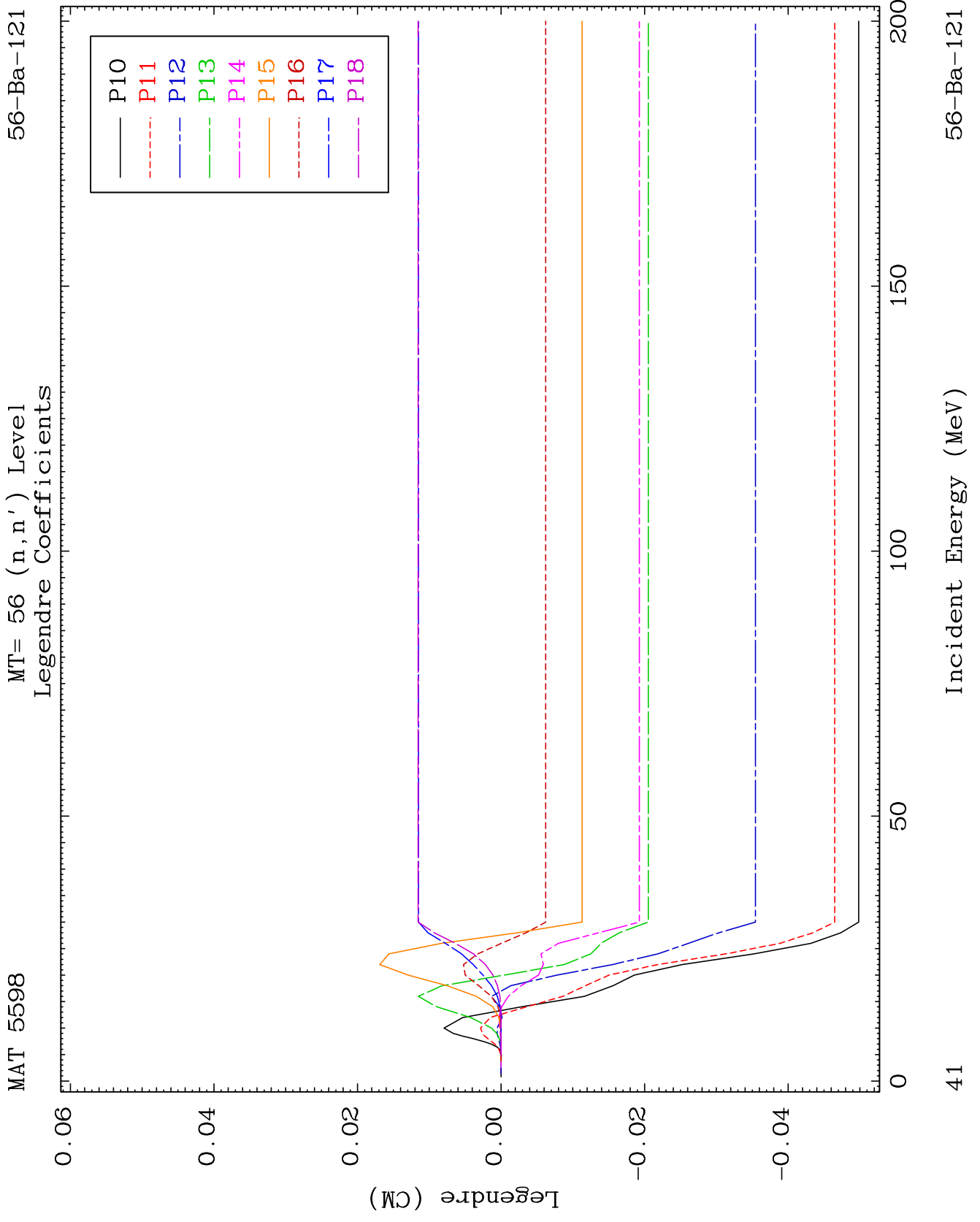
56-Ba-121



56-Ba-121

Incident Energy (MeV)

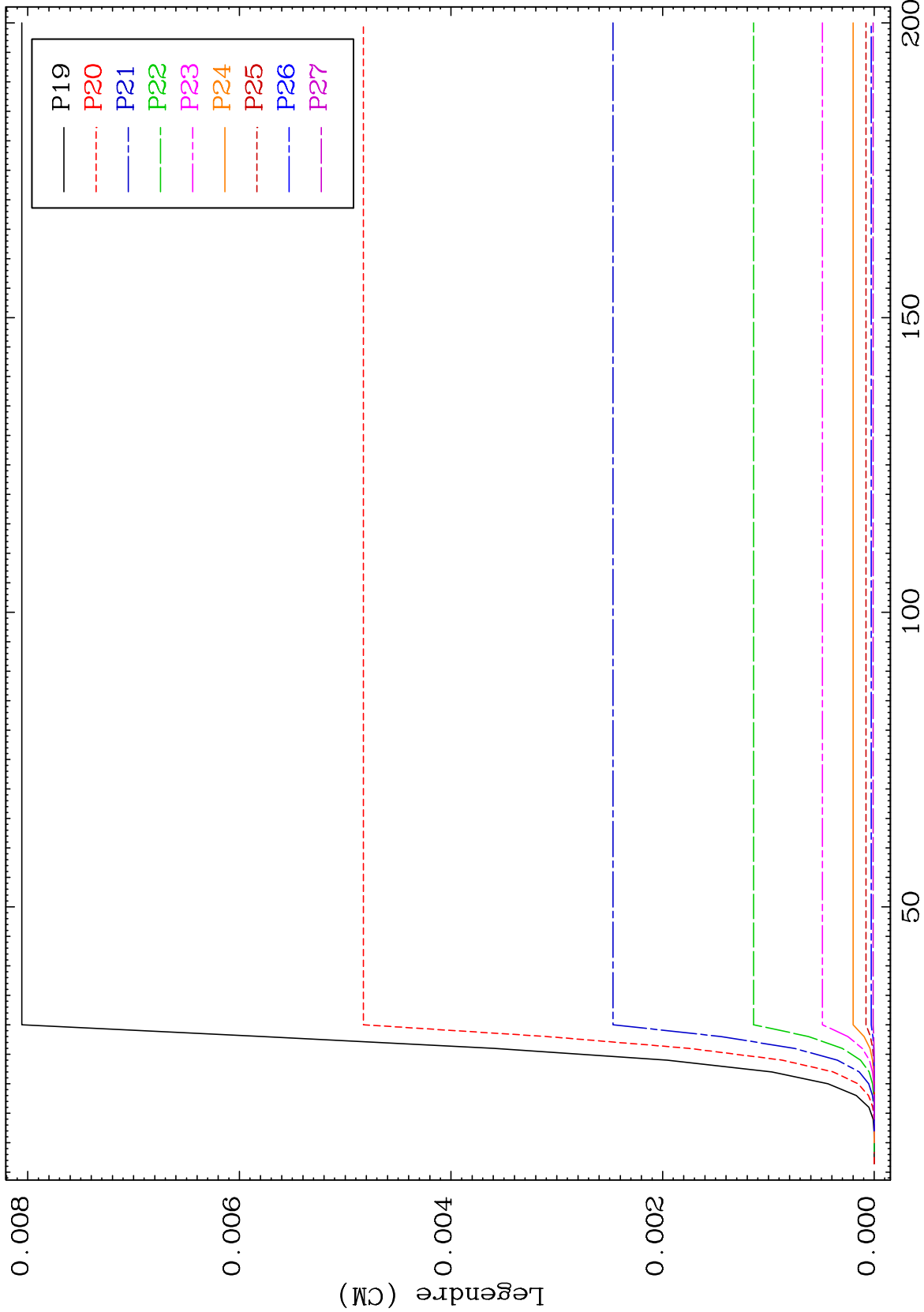
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MAT 5598

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

56-Ba-121



42

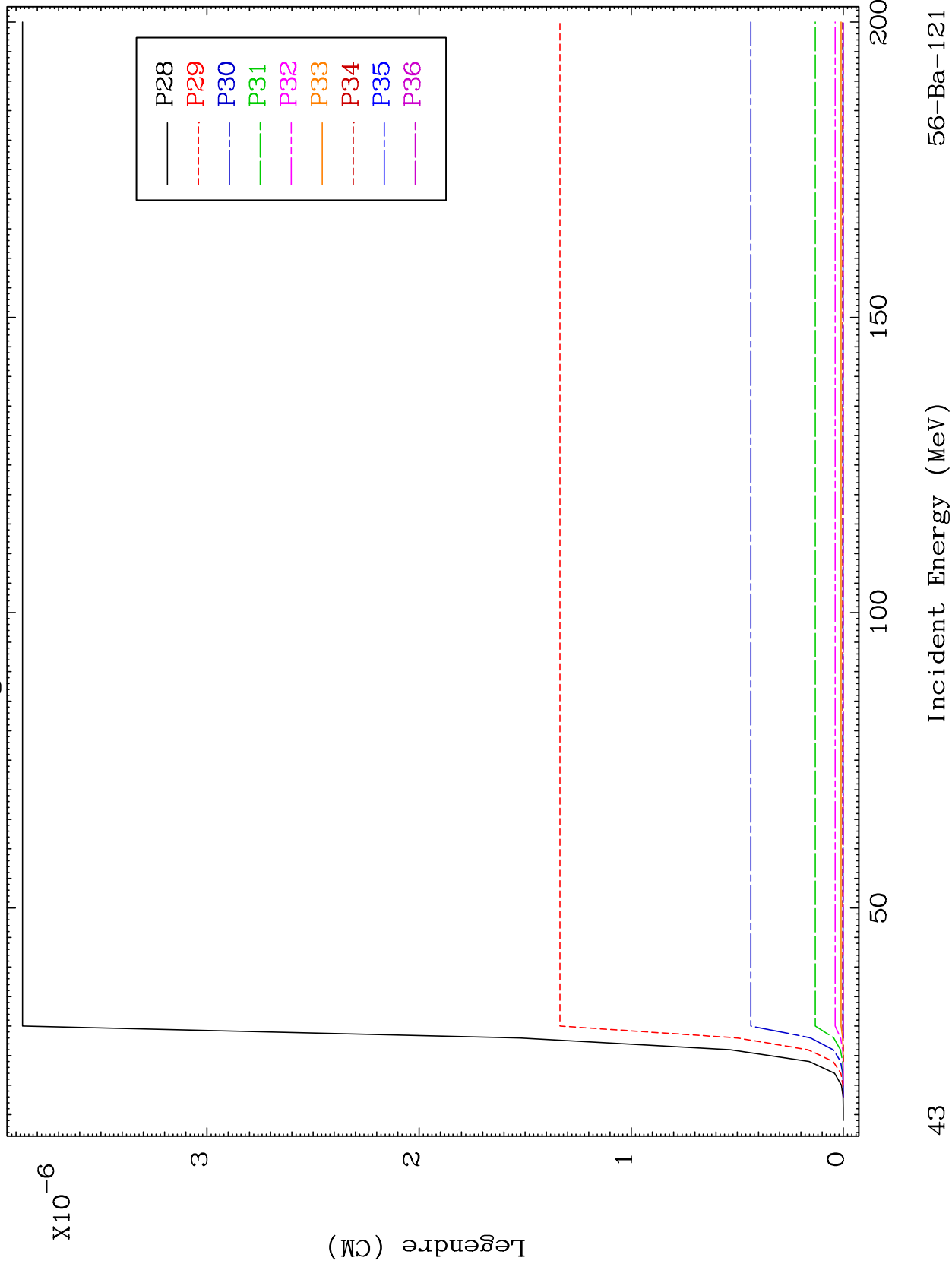
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

56-Ba-121



43

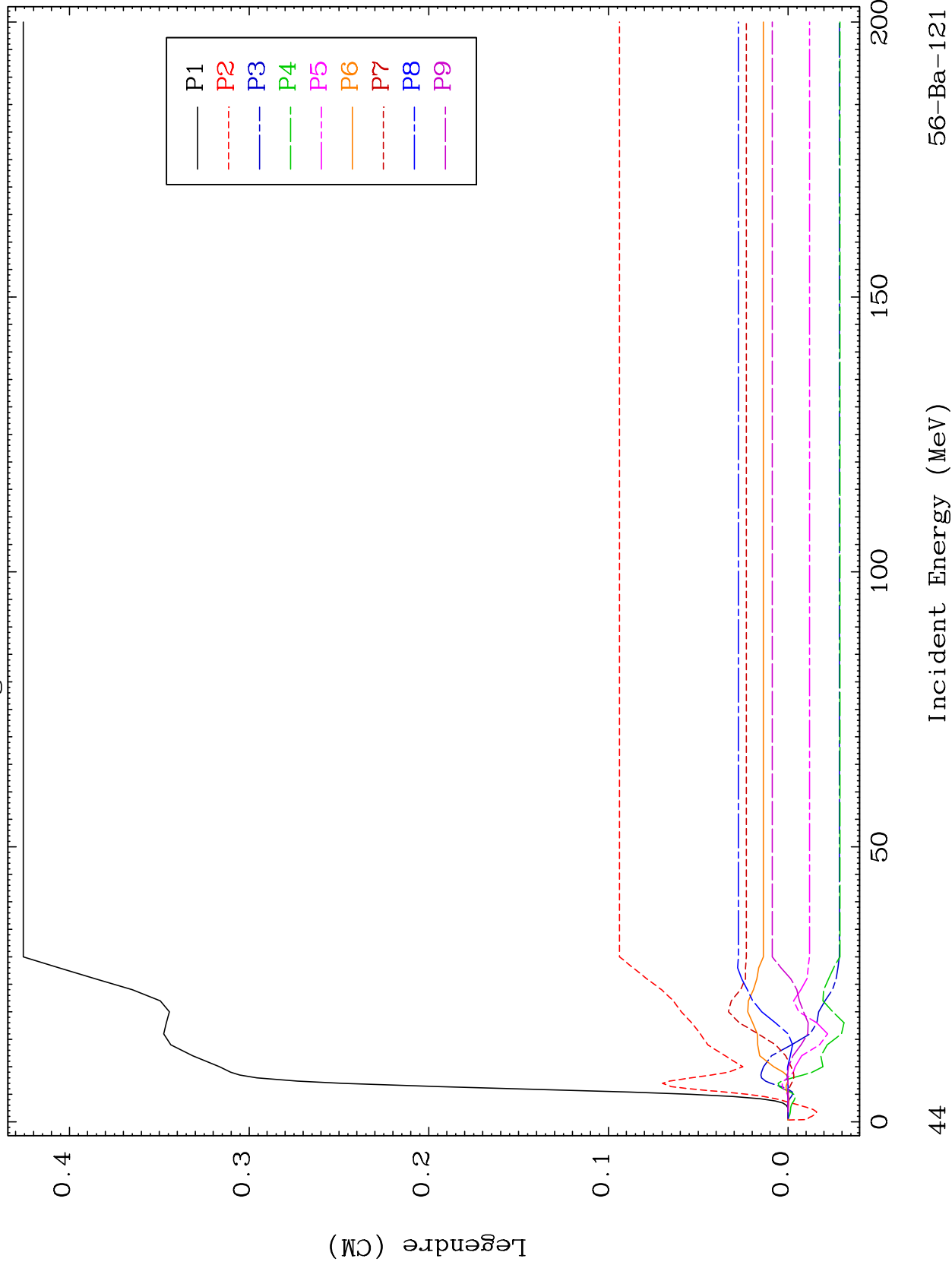
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

56-Ba-121



44

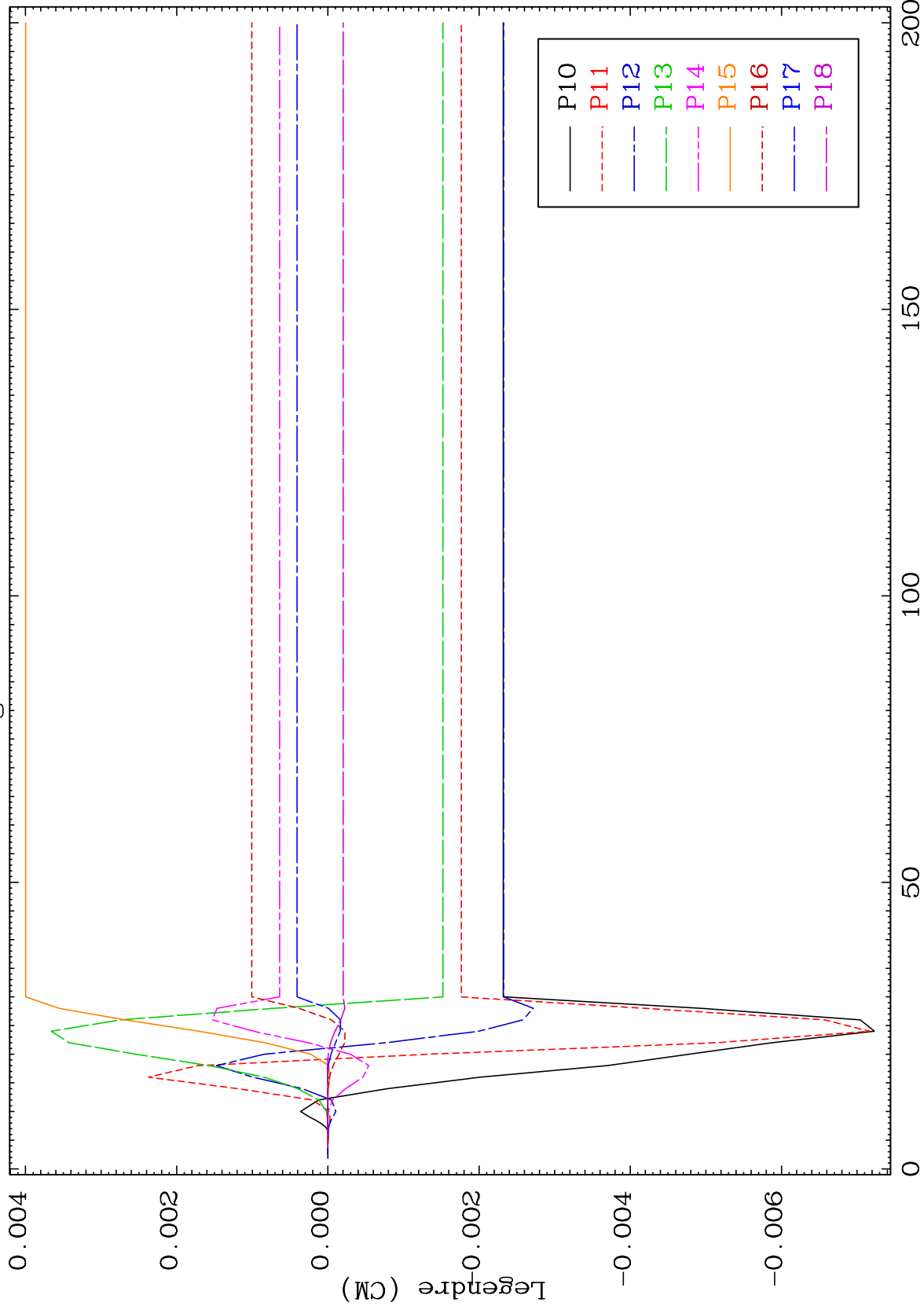
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

56-Ba-121



45

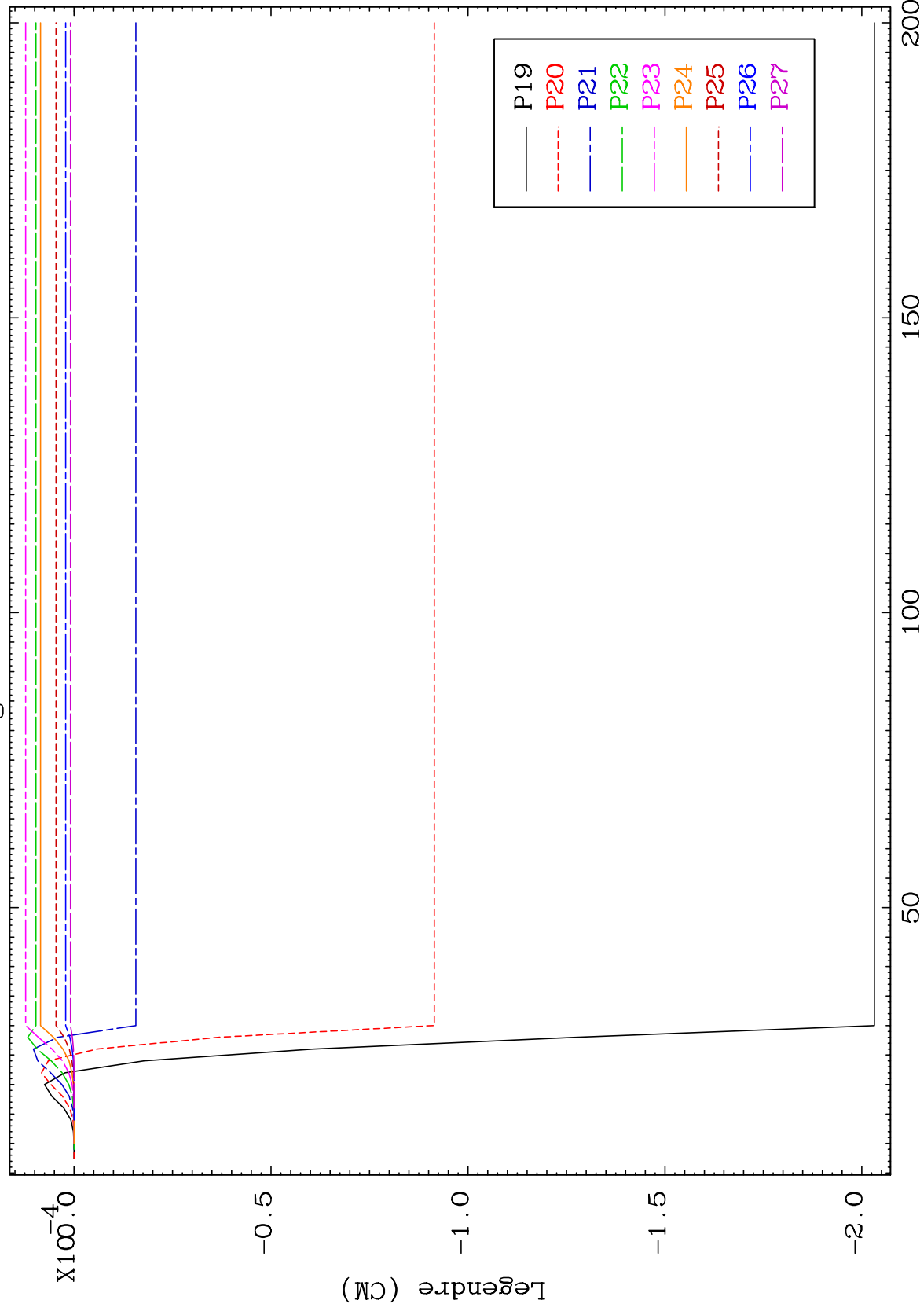
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

56-Ba-121



46

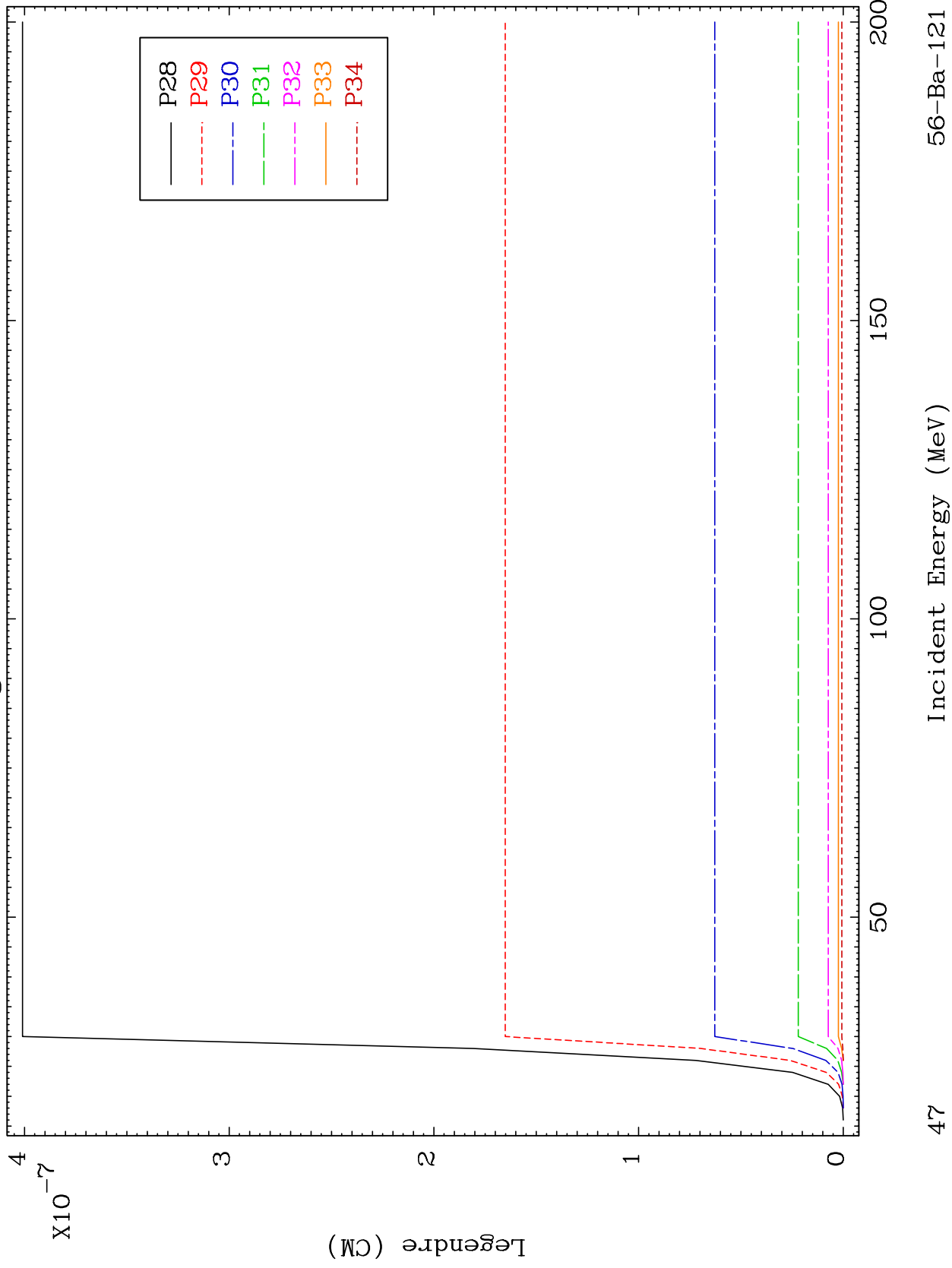
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

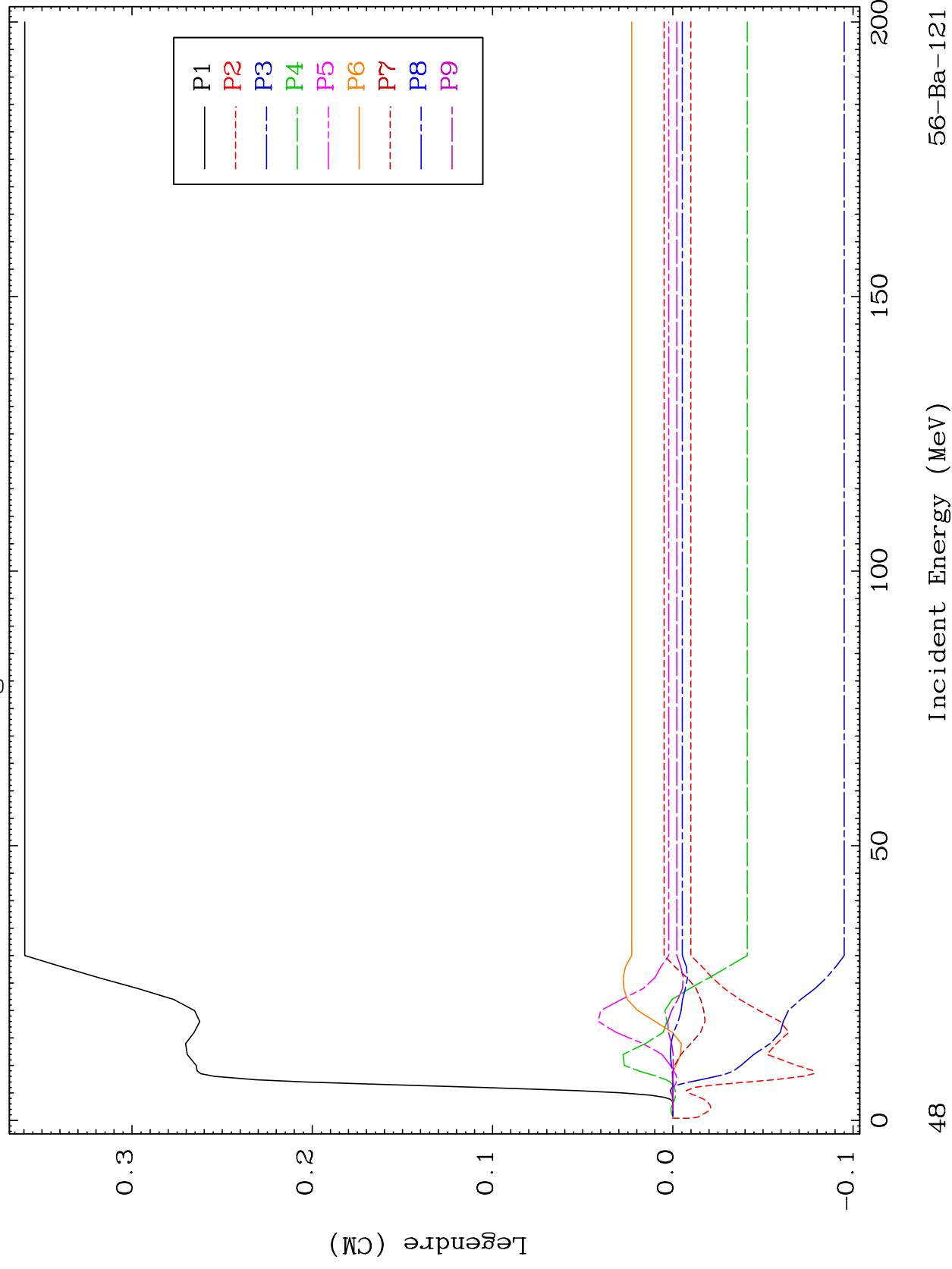
56-Ba-121



MAT 5598

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

56-Ba-121



56-Ba-121

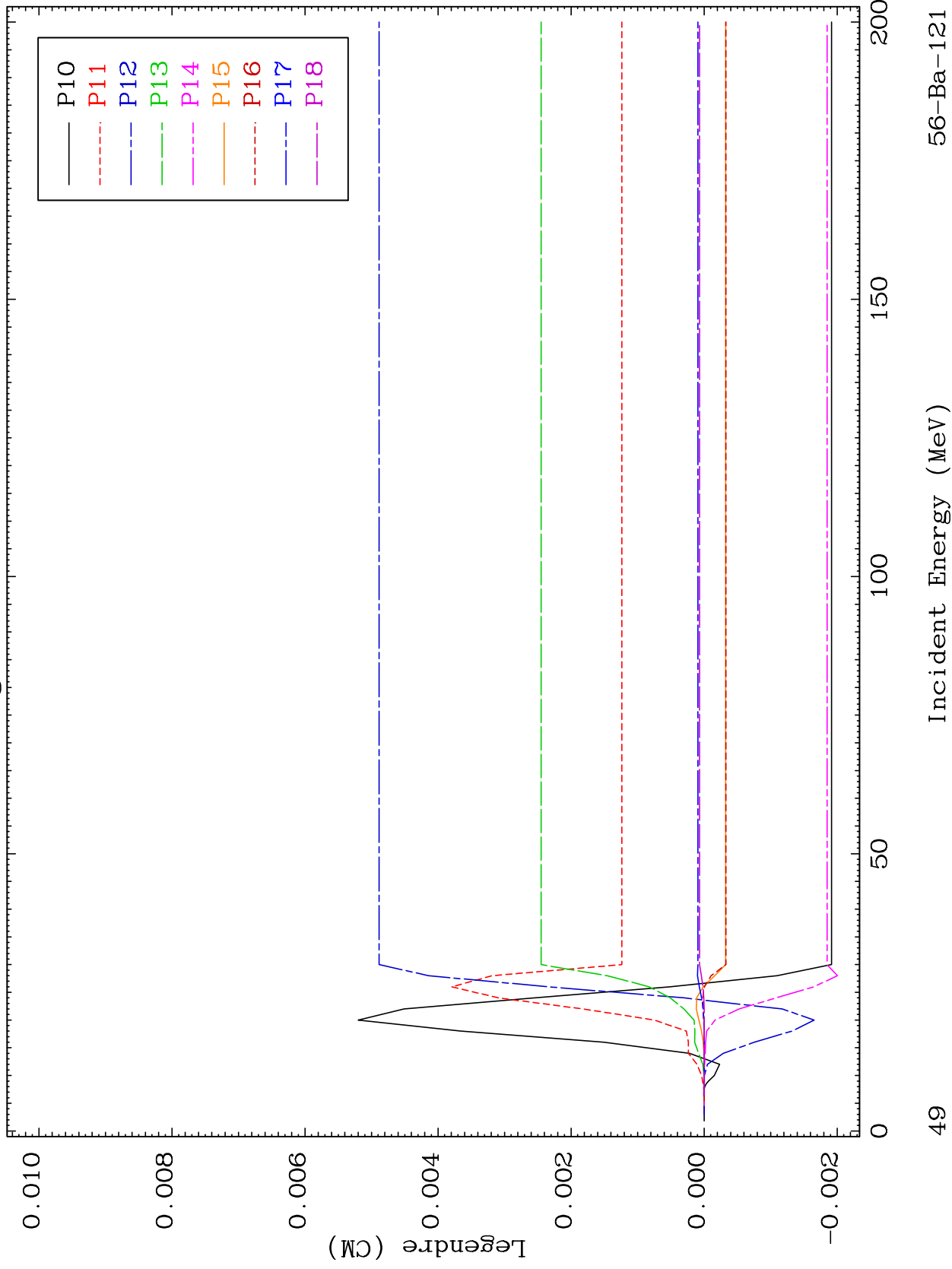
Incident Energy (MeV)

48

MAT 5598

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

56-Ba-121



56-Ba-121

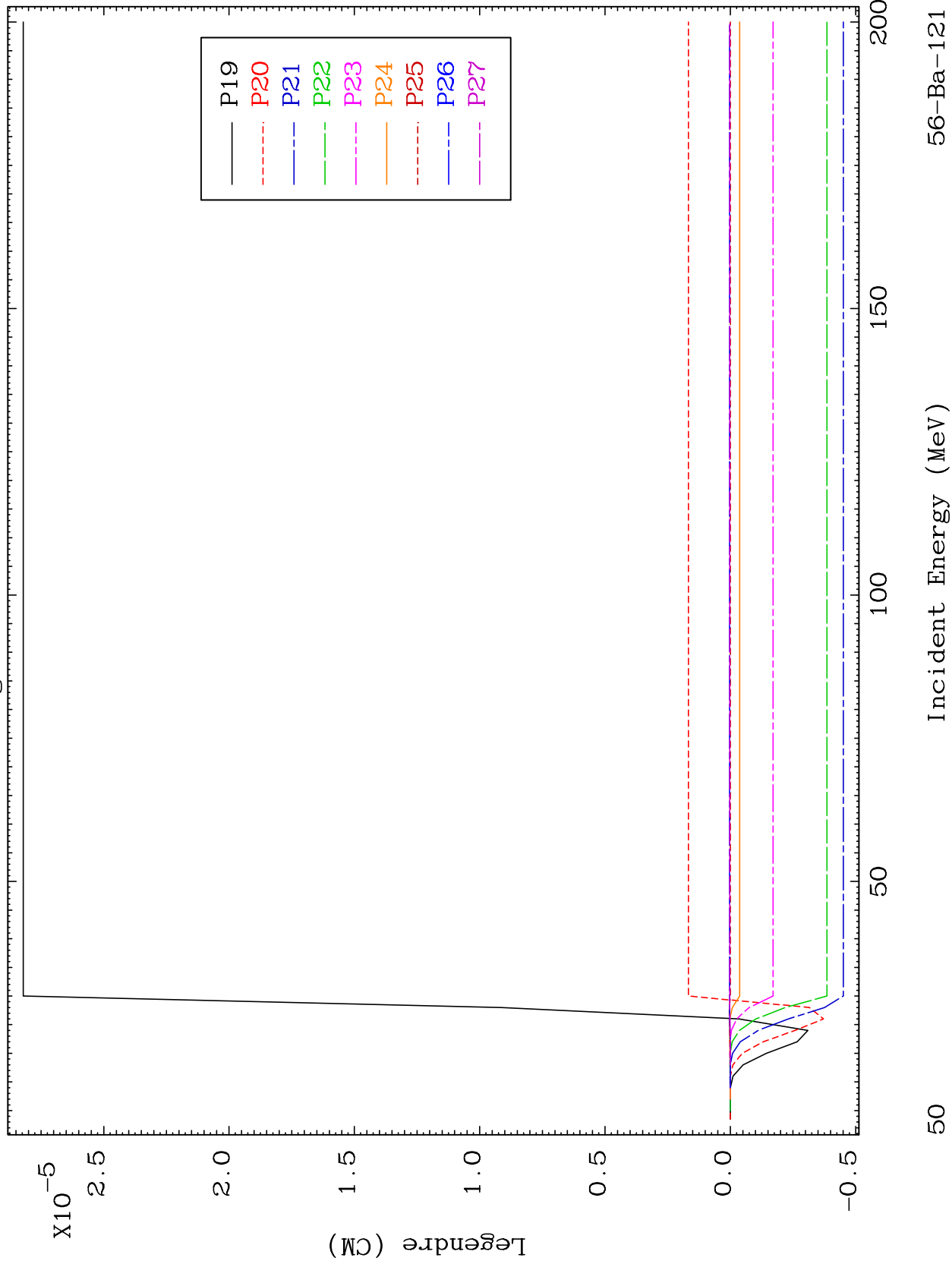
Incident Energy (MeV)

49

MAT 5598

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

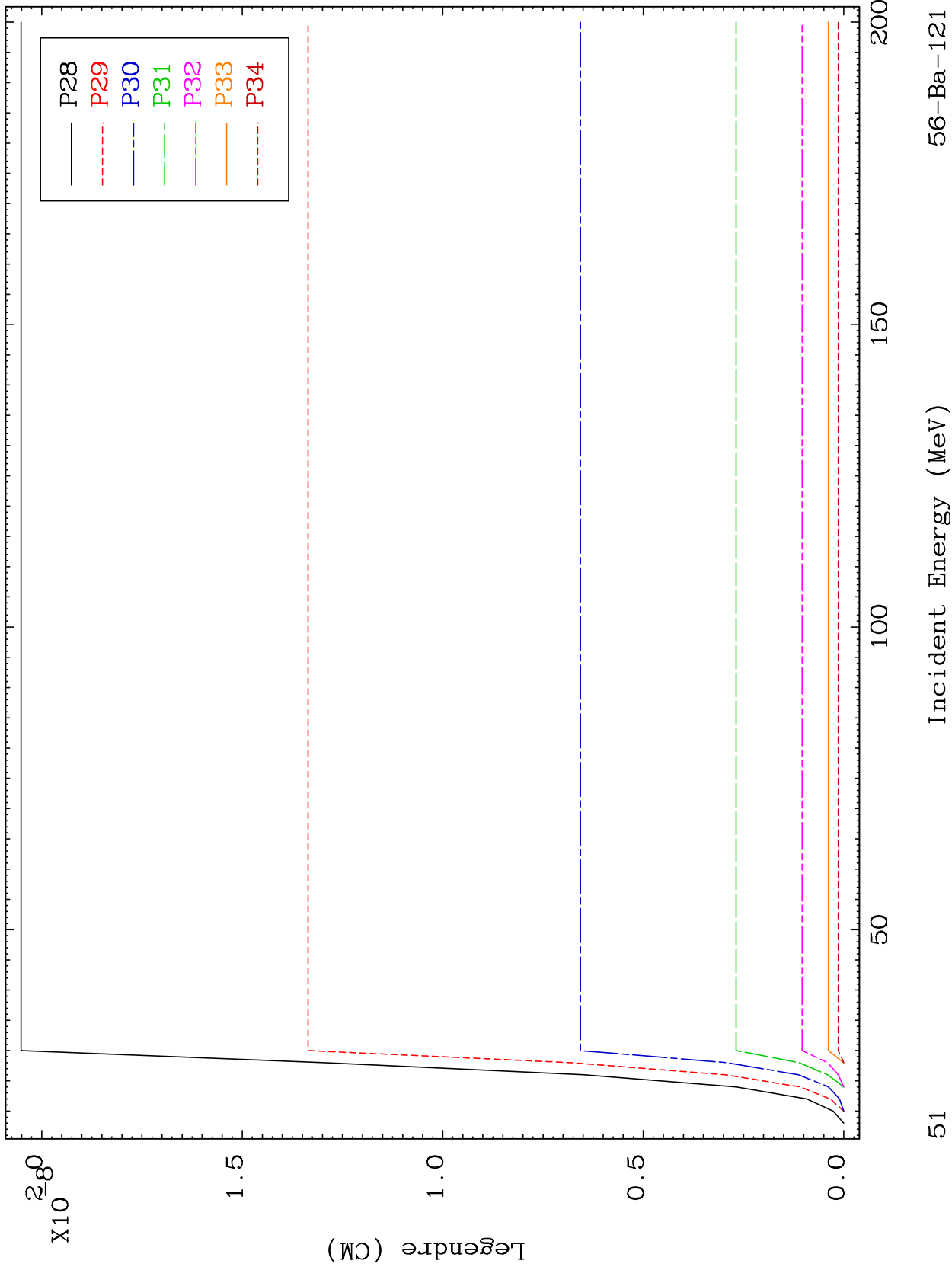
56-Ba-121



MAT 5598

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

56-Ba-121



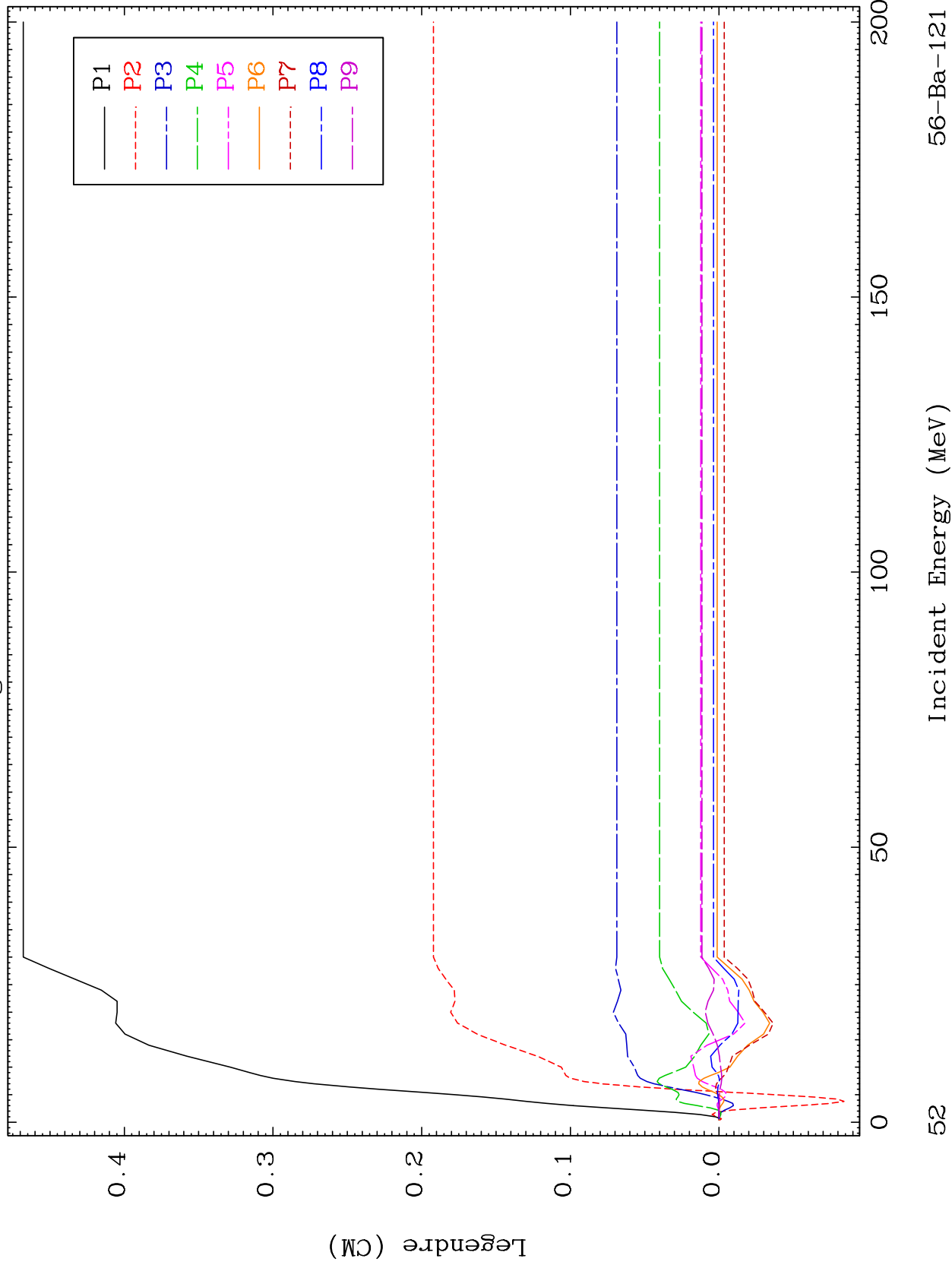
51

56-Ba-121

MAT 5598

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

56-Ba-121



56-Ba-121

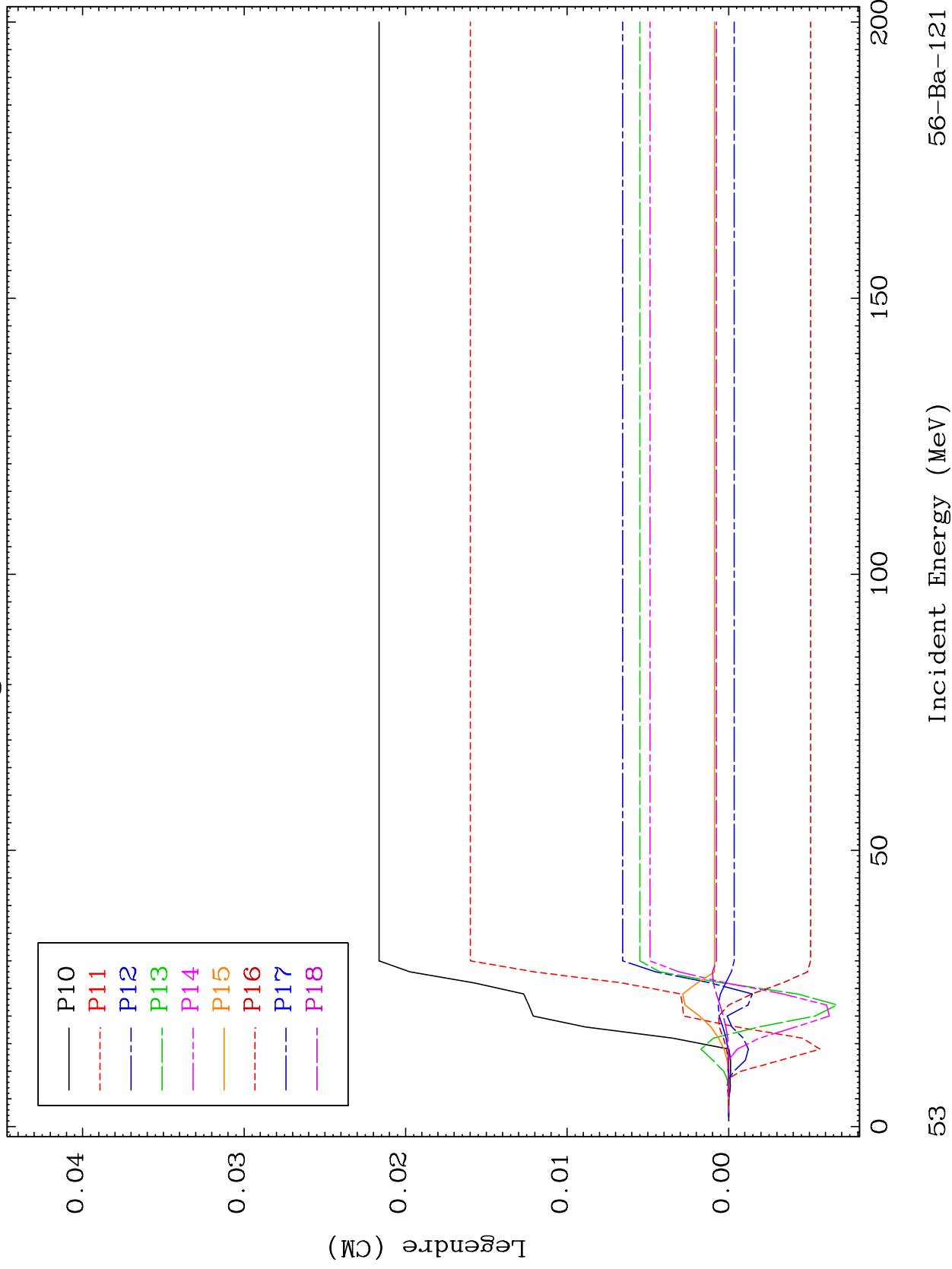
Incident Energy (MeV)

52

MAT 5598

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

56-Ba-121



56-Ba-121

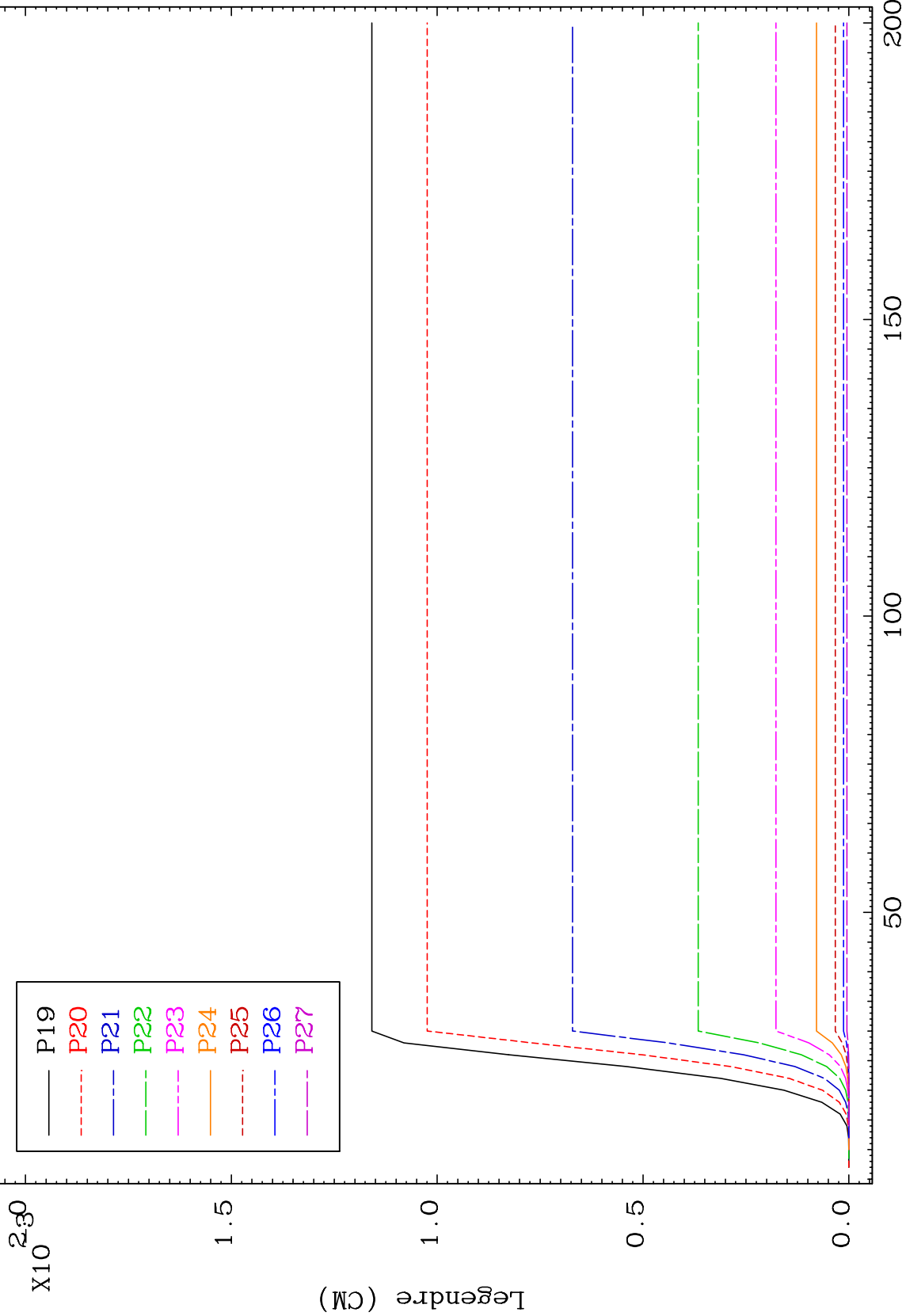
Incident Energy (MeV)

53

MAT 5598

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

56-Ba-121



54

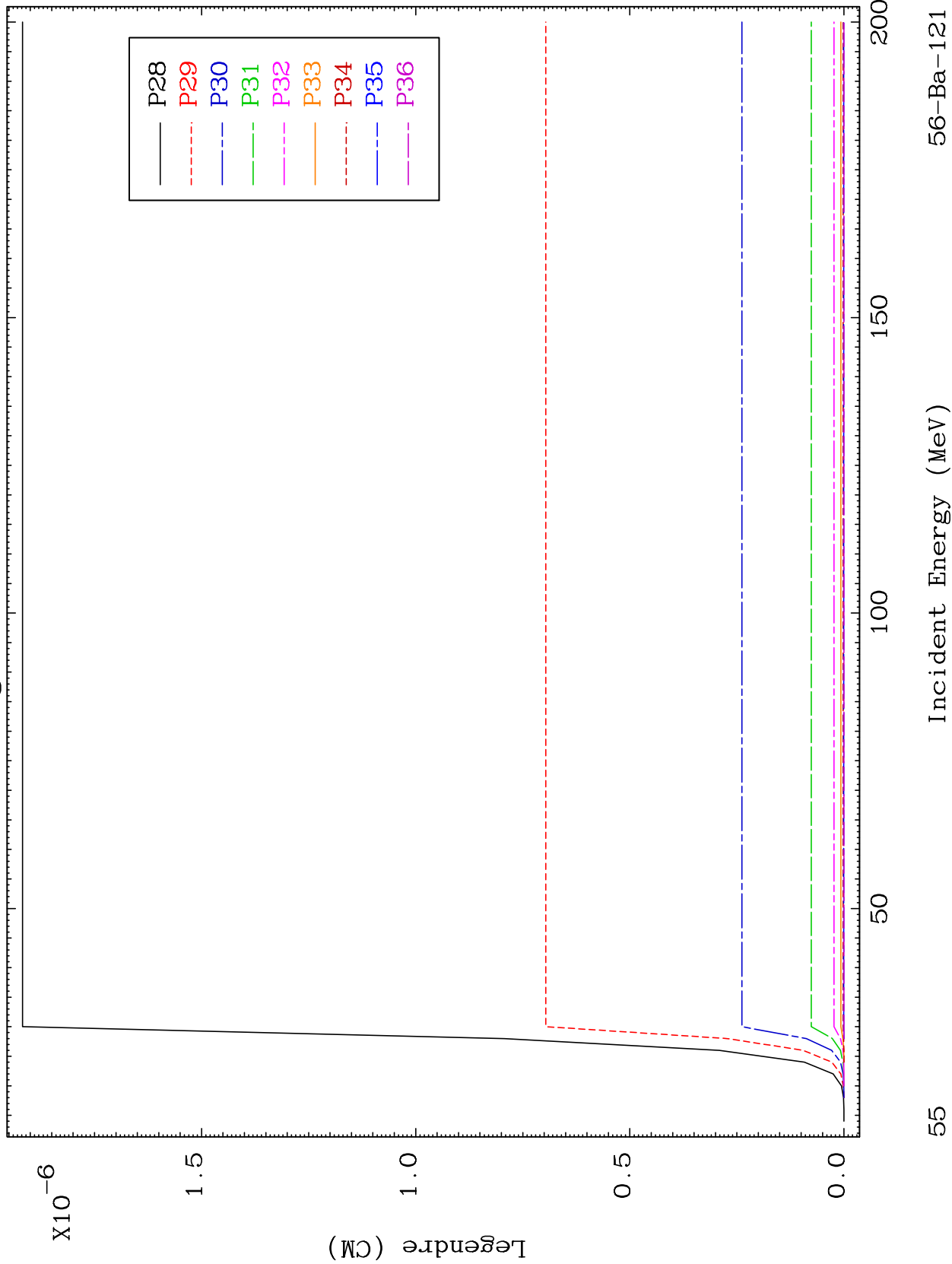
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

56-Ba-121



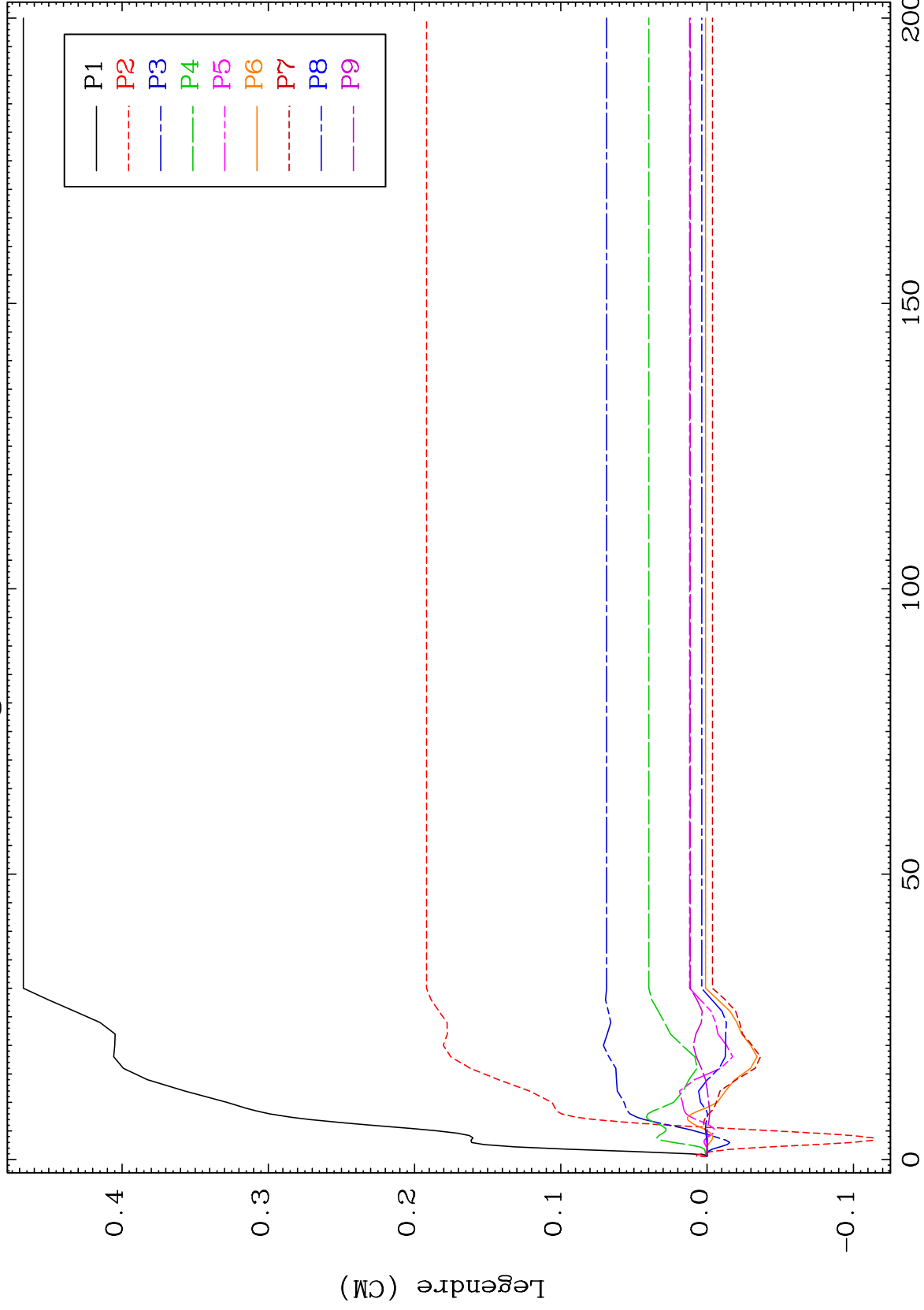
55

200

MAT 5598

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

56-Ba-121



56-Ba-121

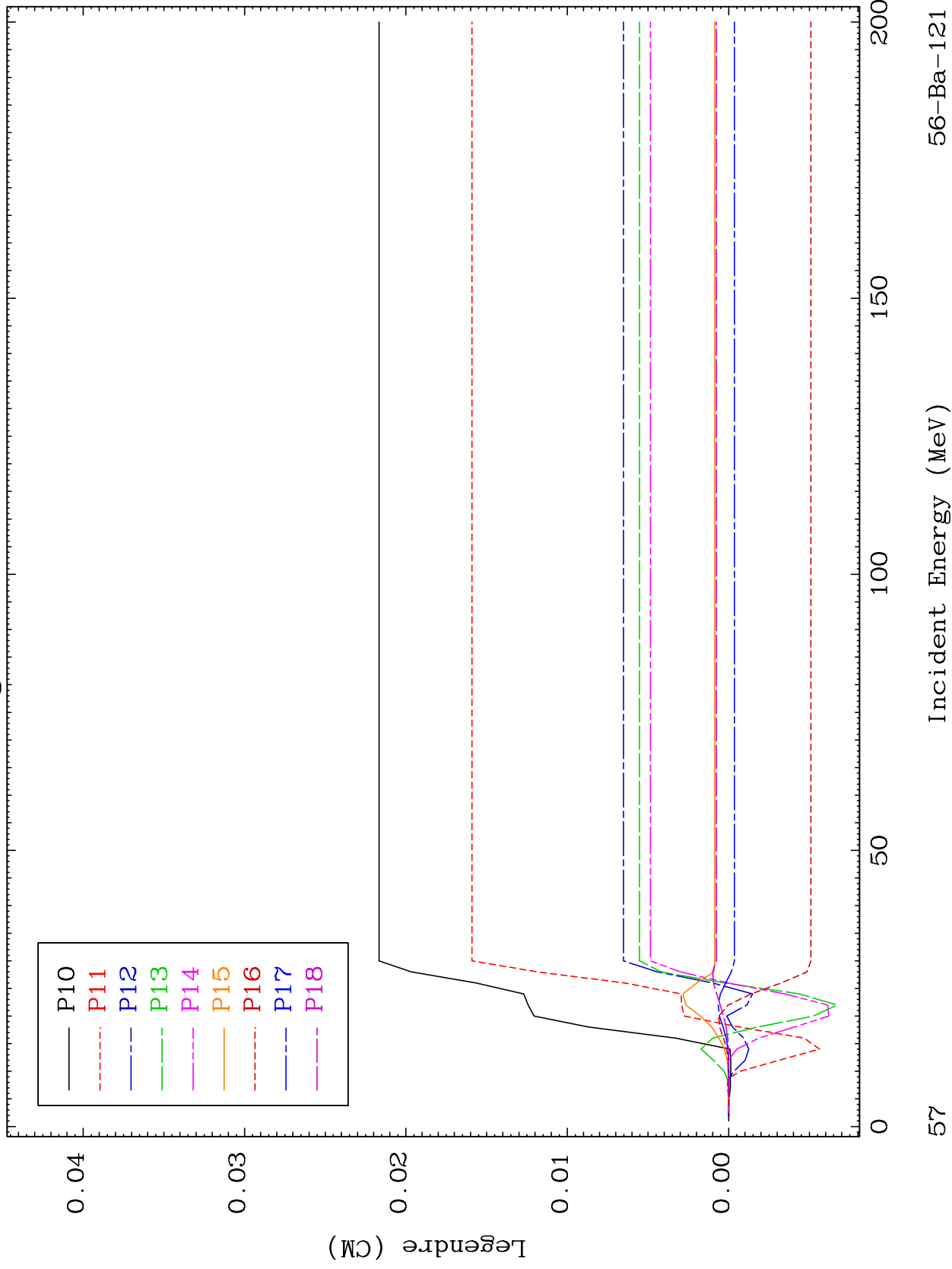
Incident Energy (MeV)

56

MAT 5598

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

56-Ba-121



57

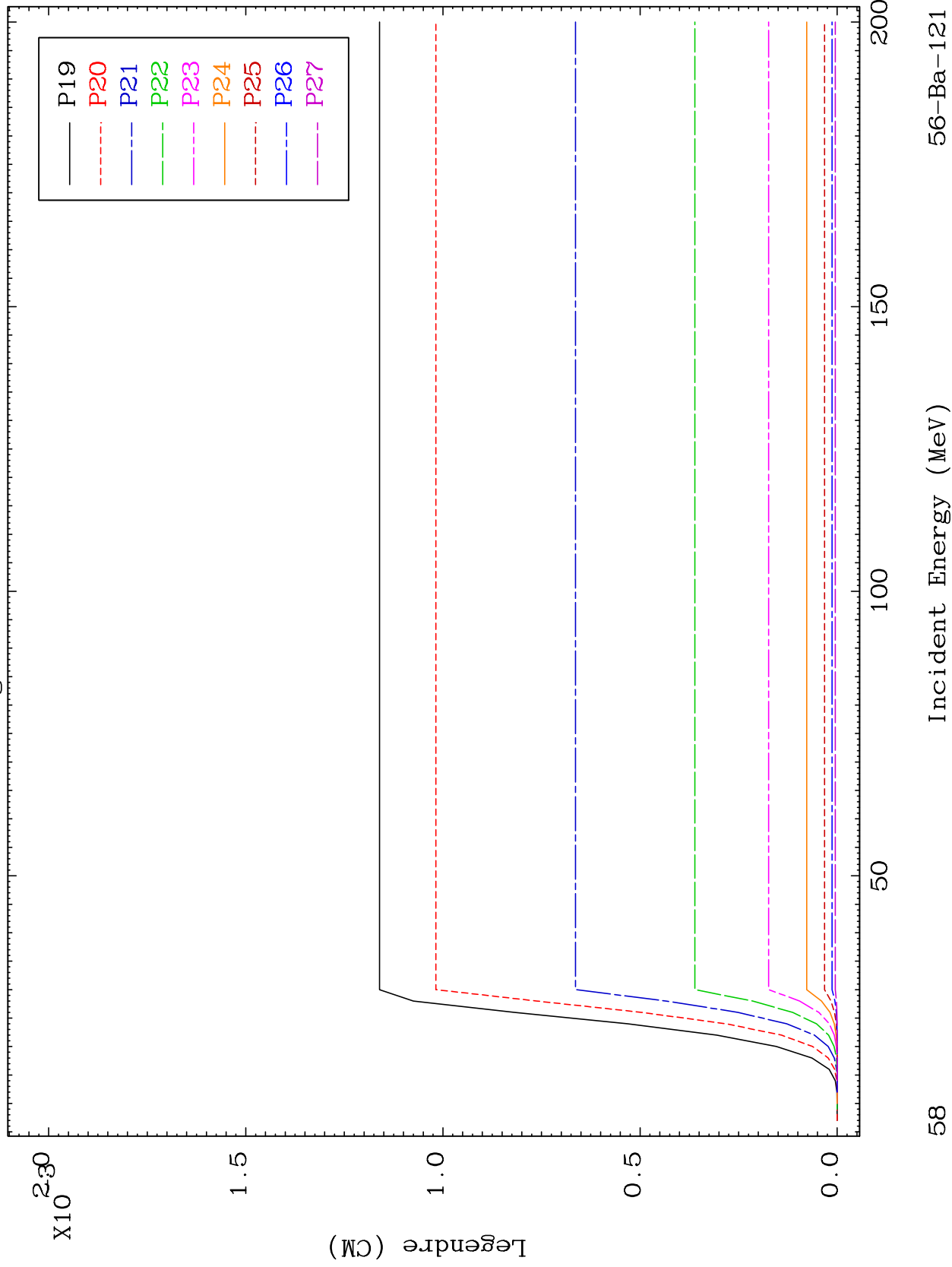
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

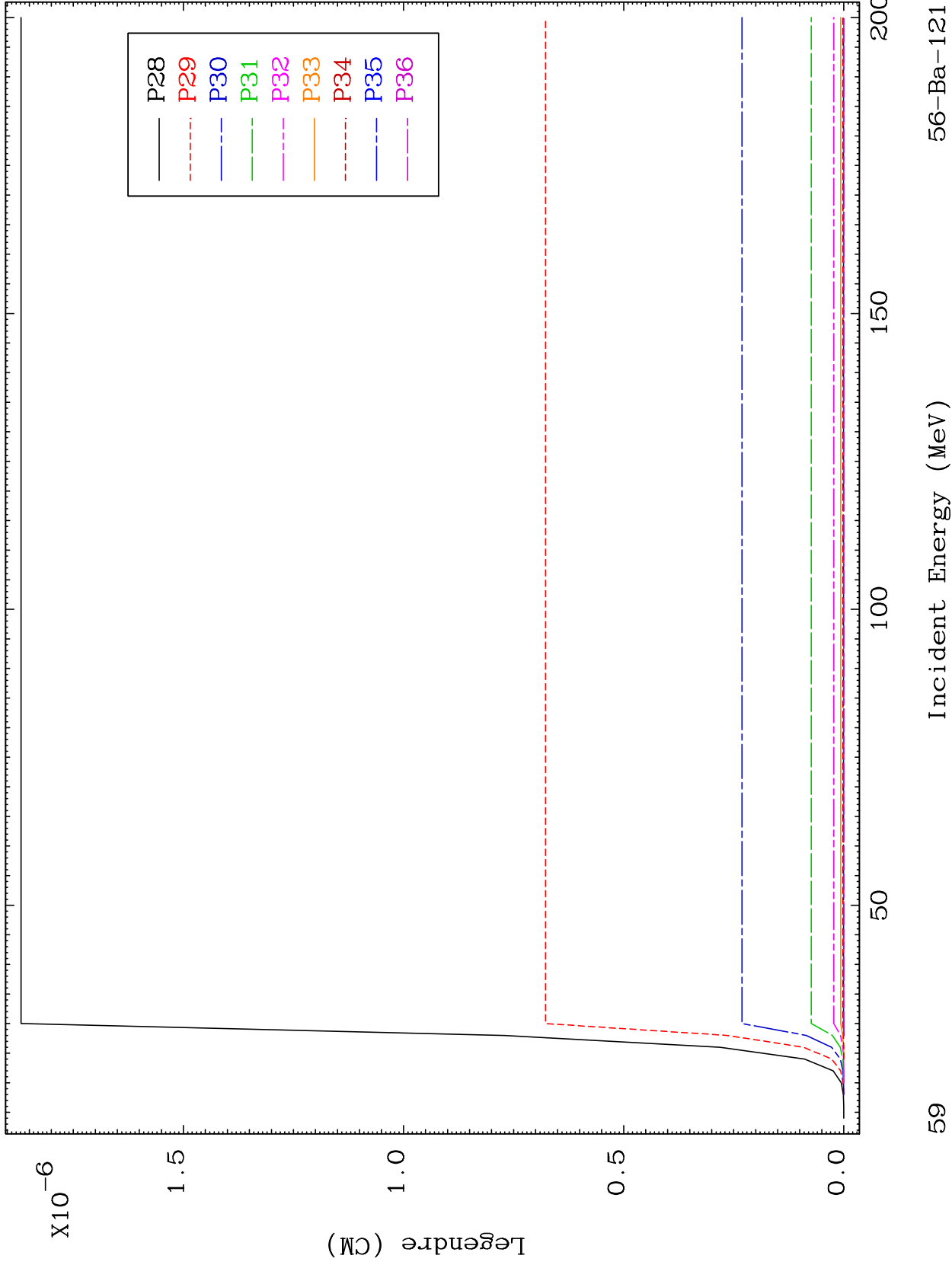
56-Ba-121



MAT 5598

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

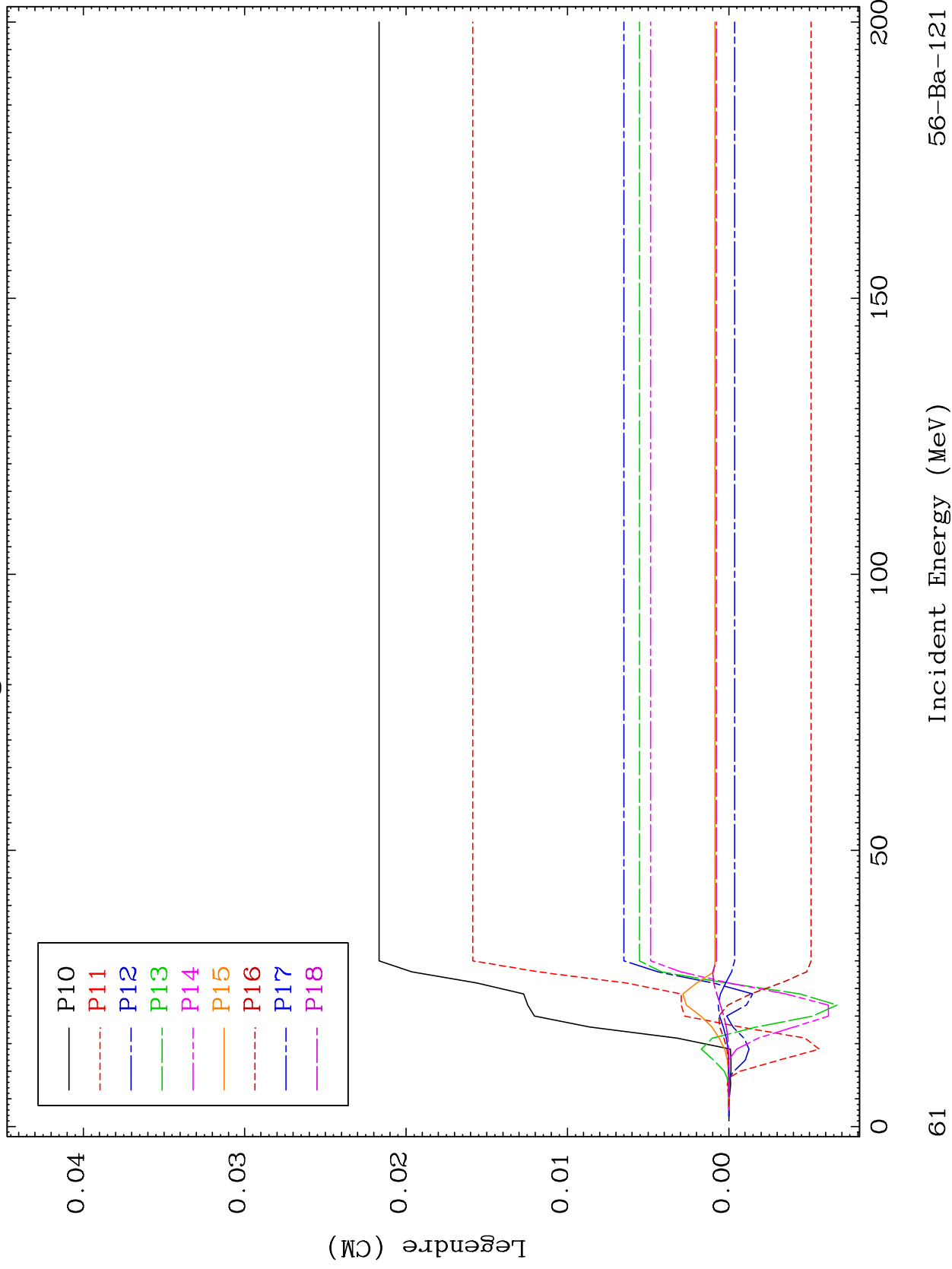
56-Ba-121



MAT 5598

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

56-Ba-121



56-Ba-121

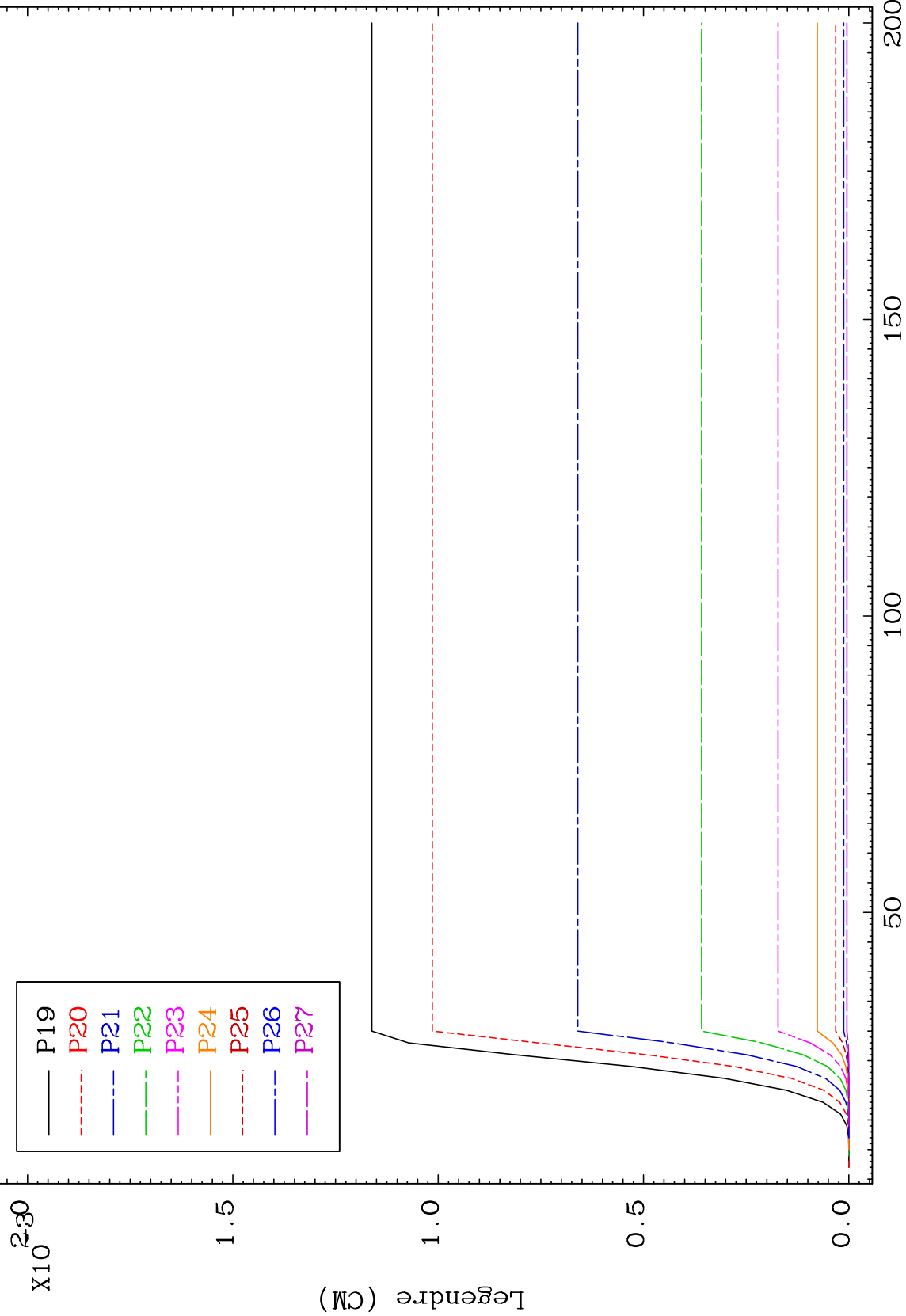
Incident Energy (MeV)

61

MAT 5598

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

56-Ba-121



62

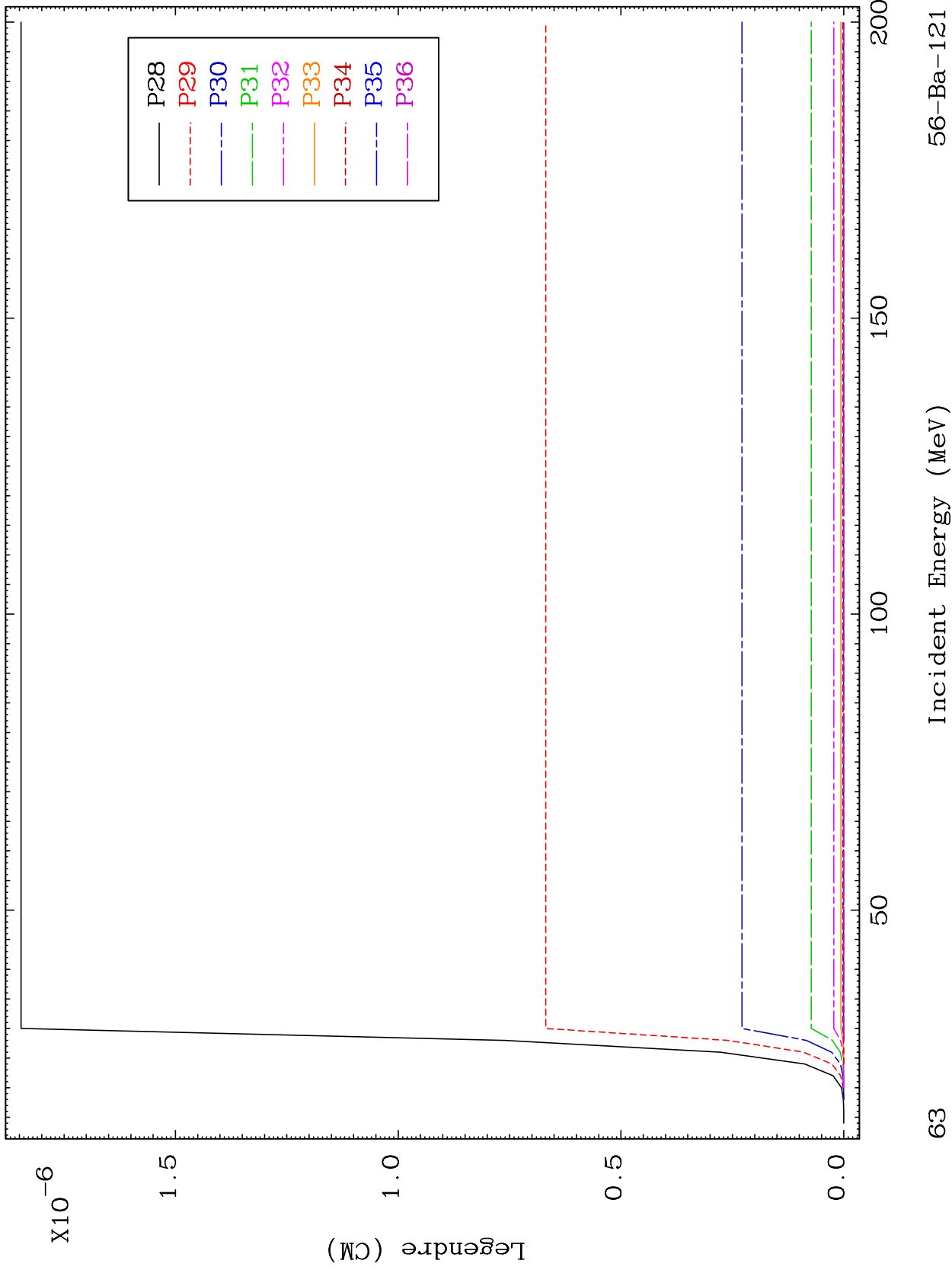
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

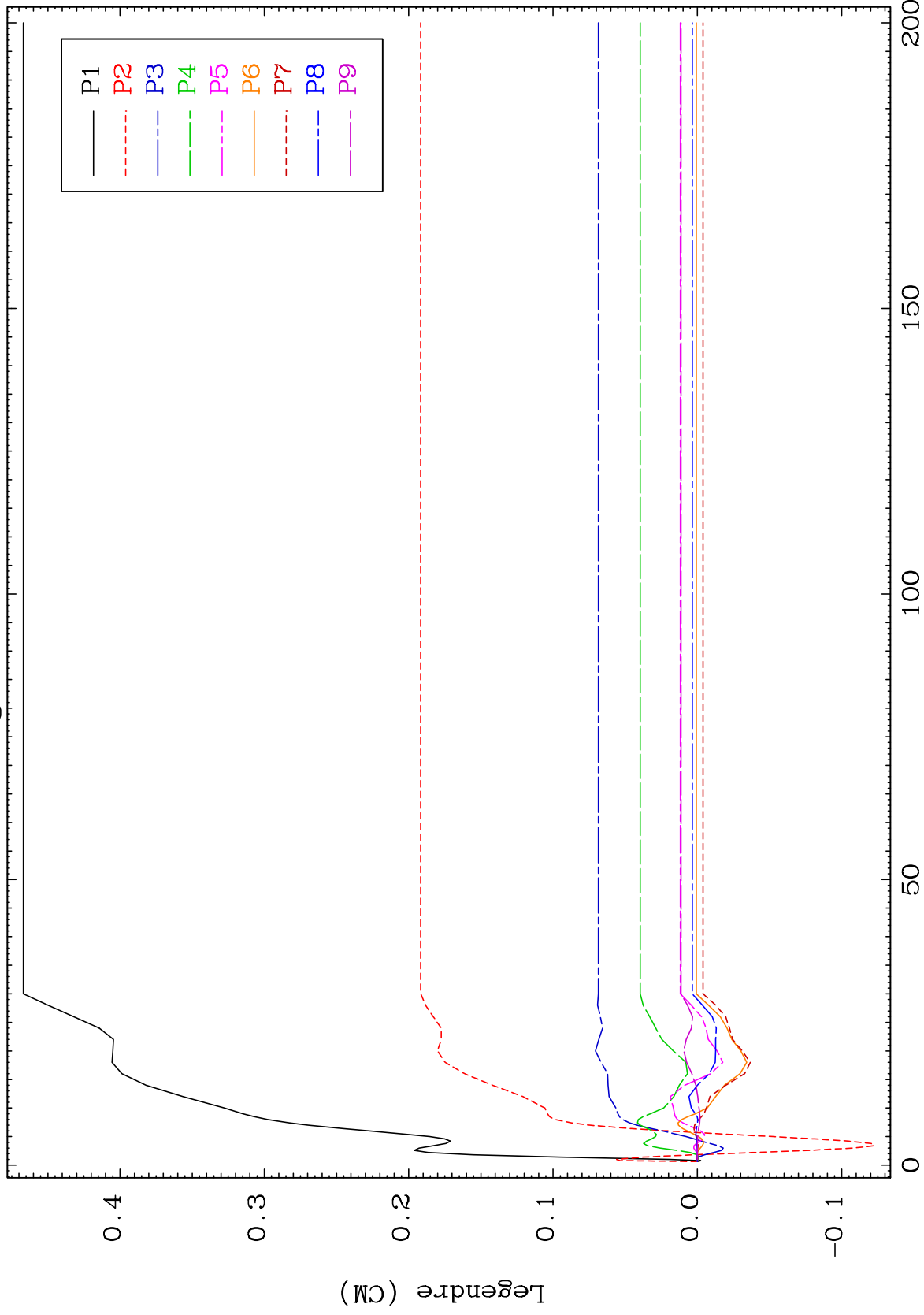
56-Ba-121



MAT 5598

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

56-Ba-121



64

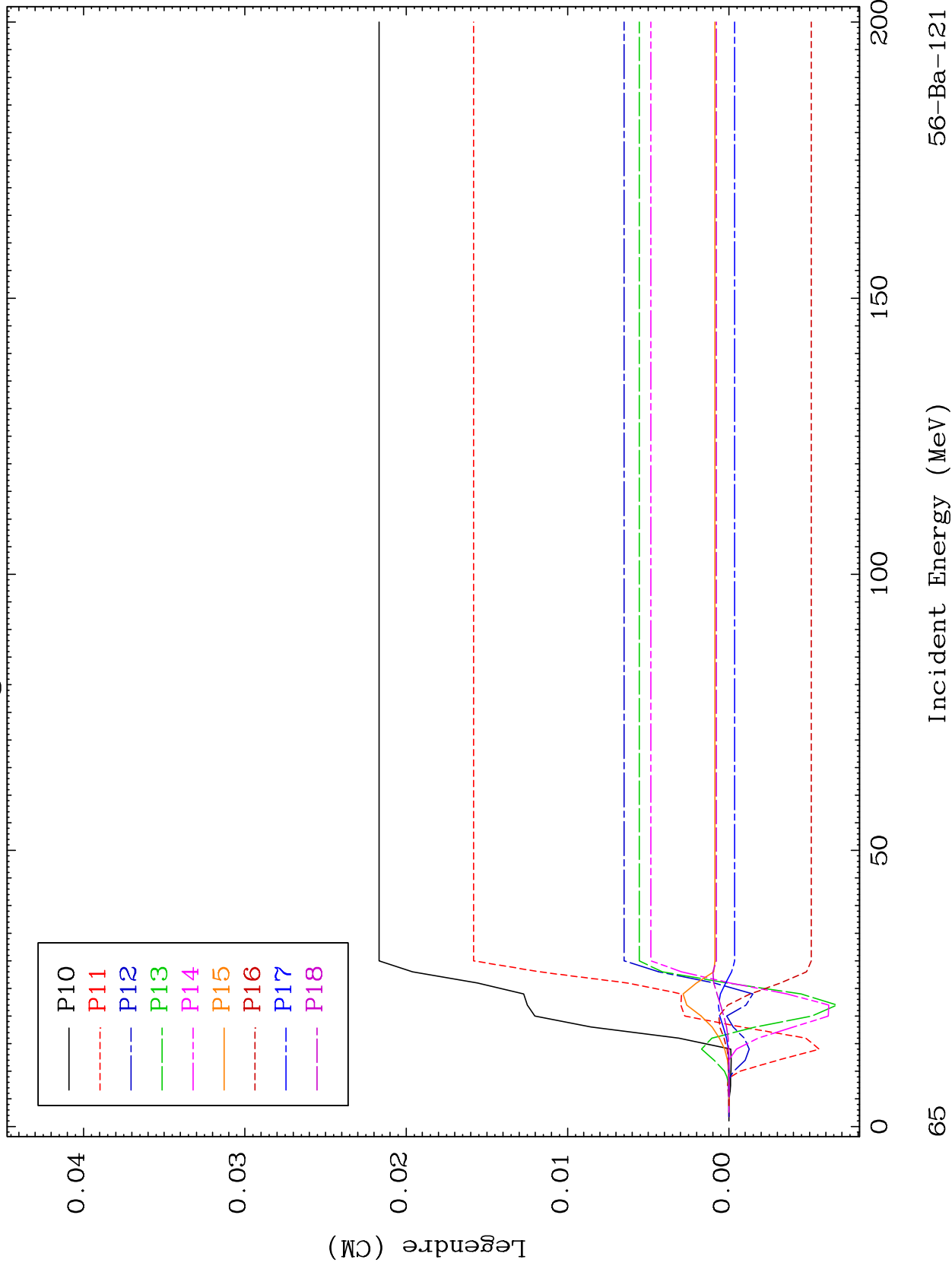
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

56-Ba-121



65

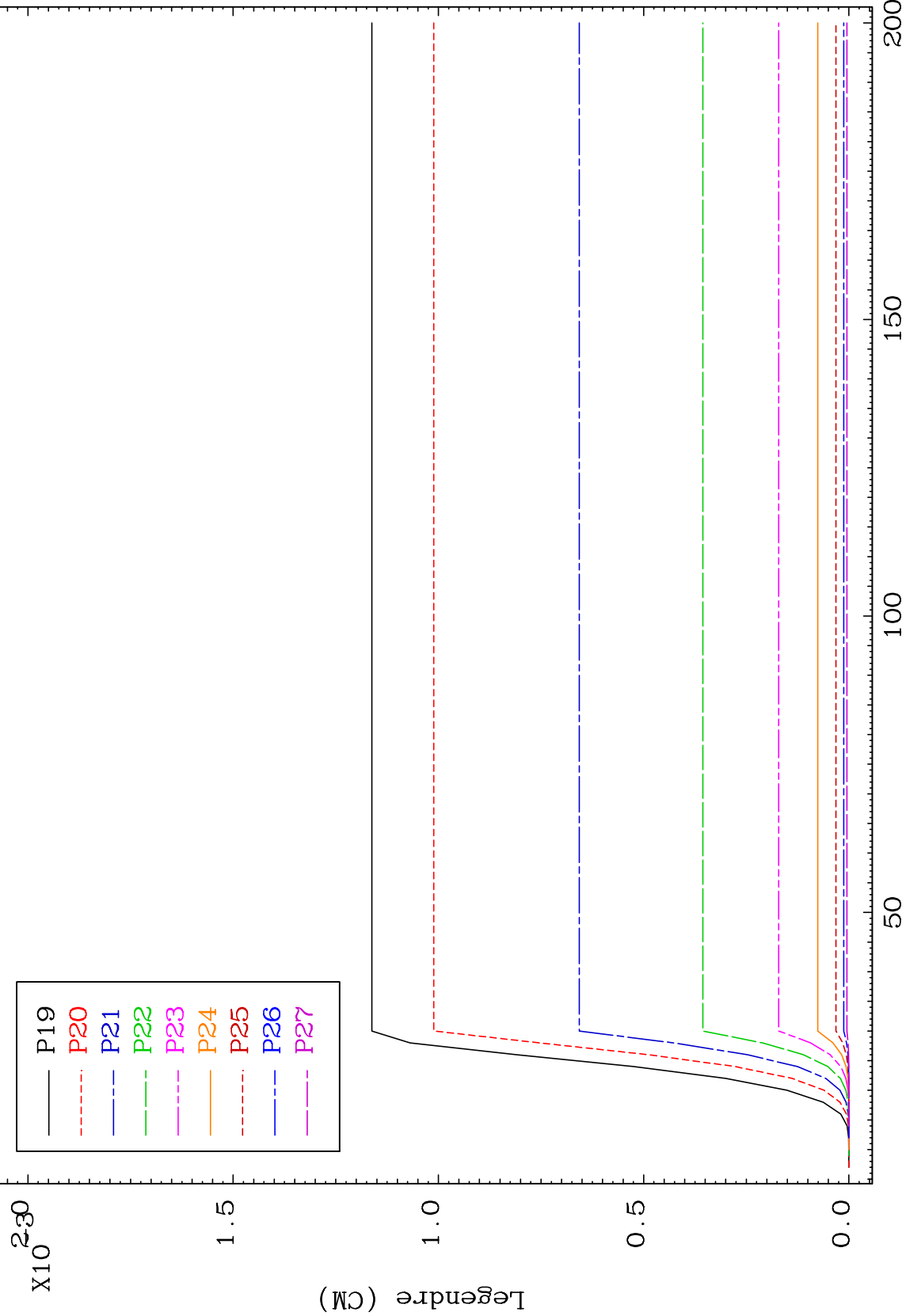
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

56-Ba-121



66

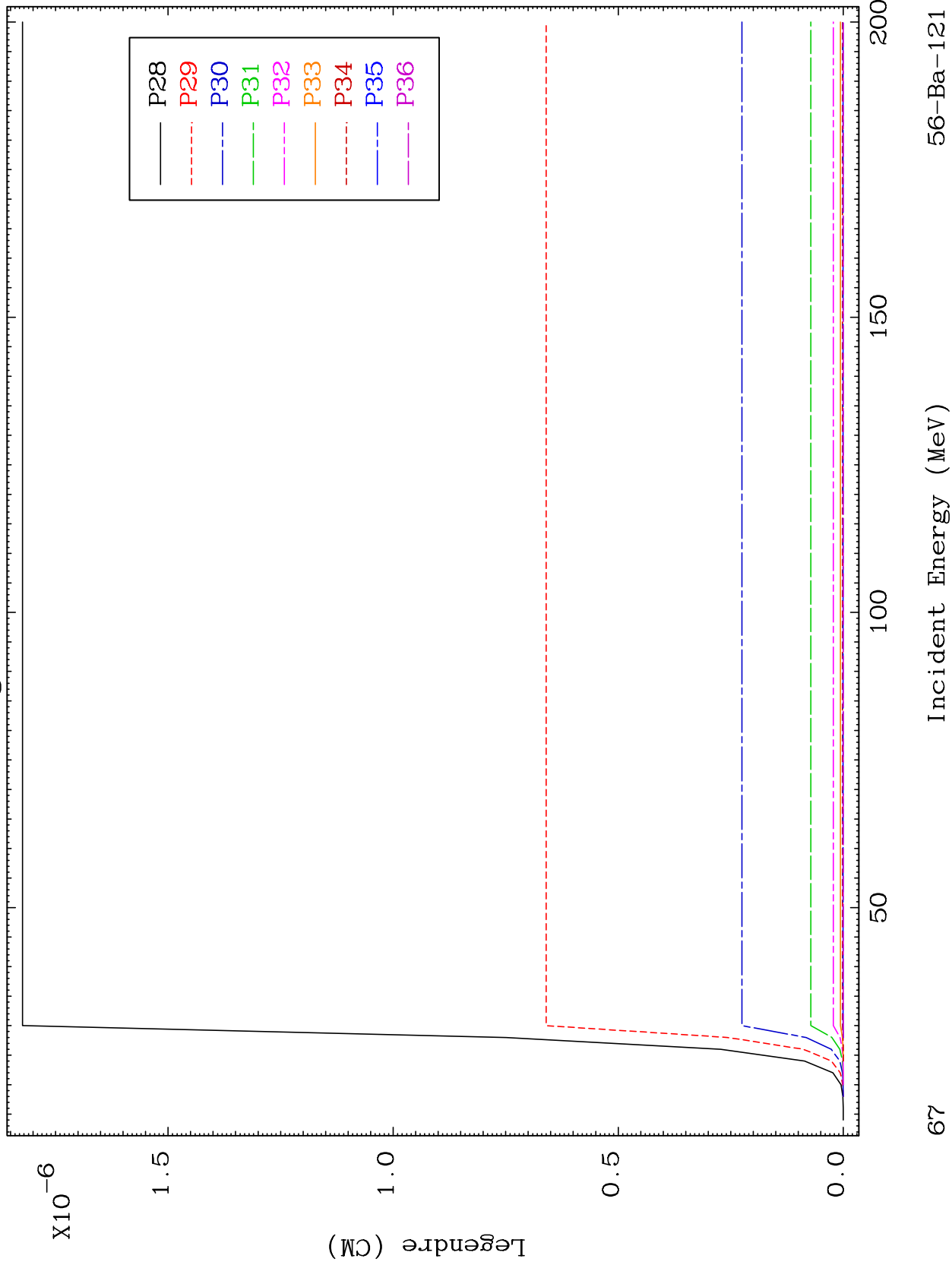
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

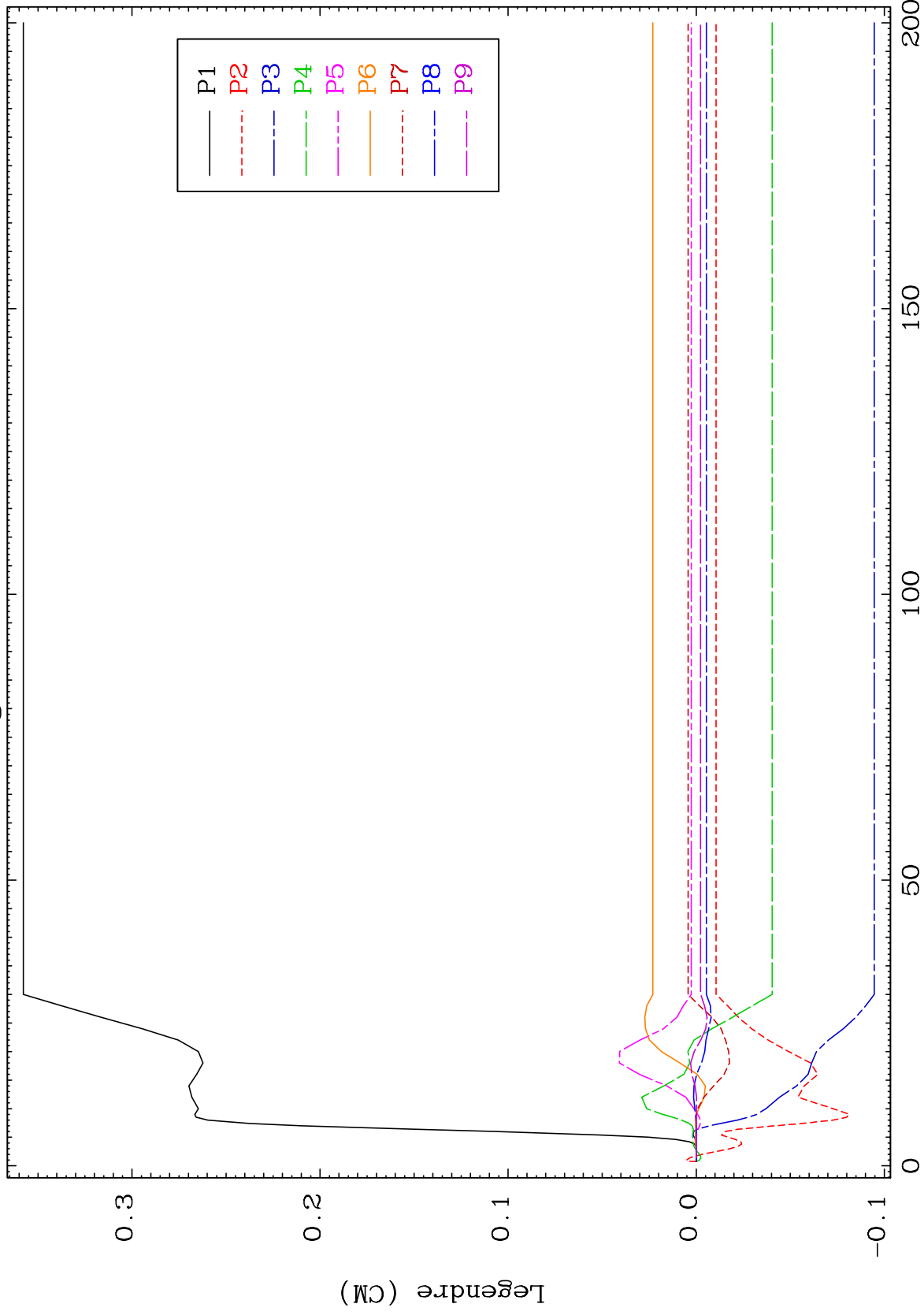
56-Ba-121



MAT 5598

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

56-Ba-121



68

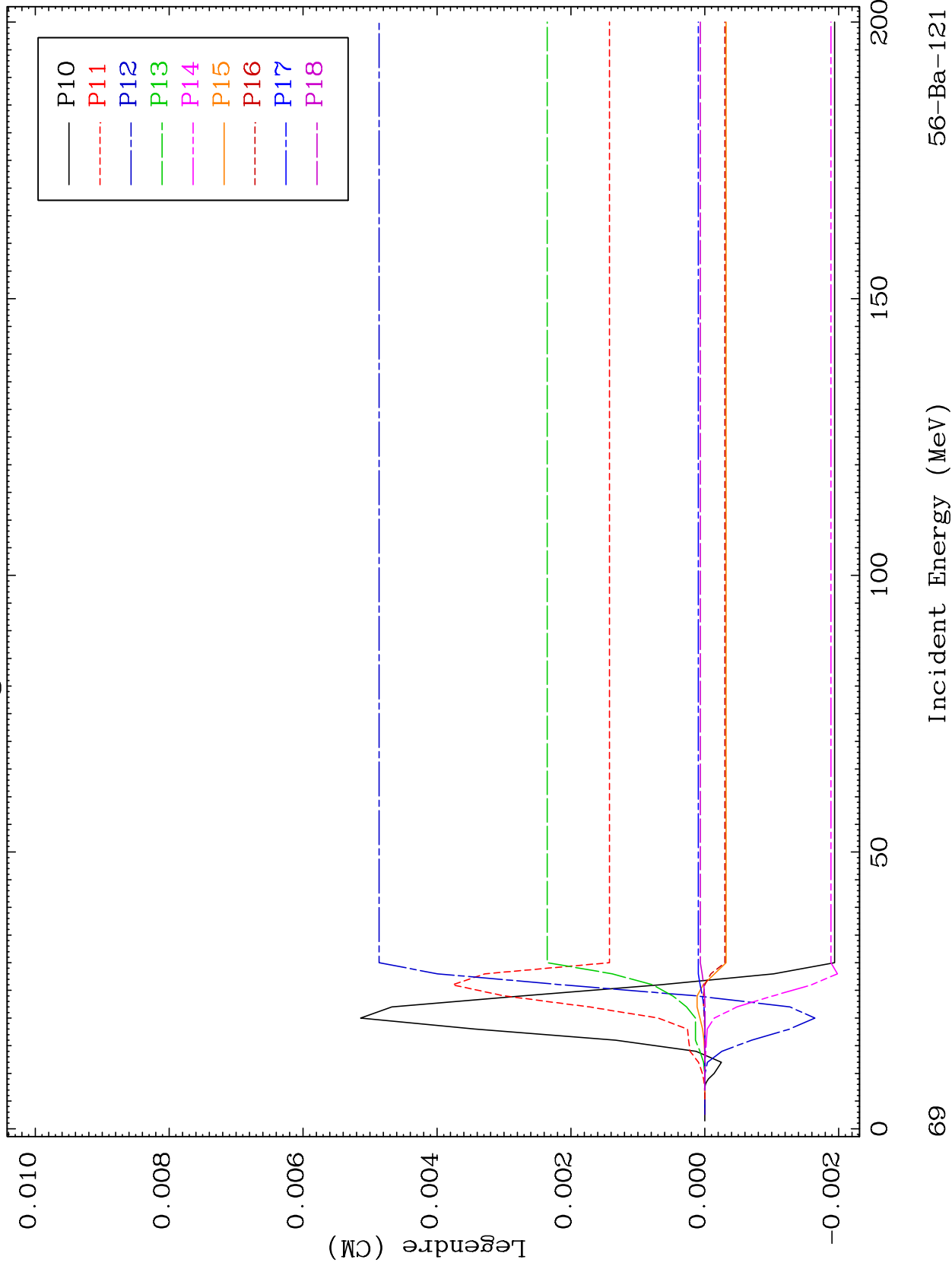
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

56-Ba-121



56-Ba-121

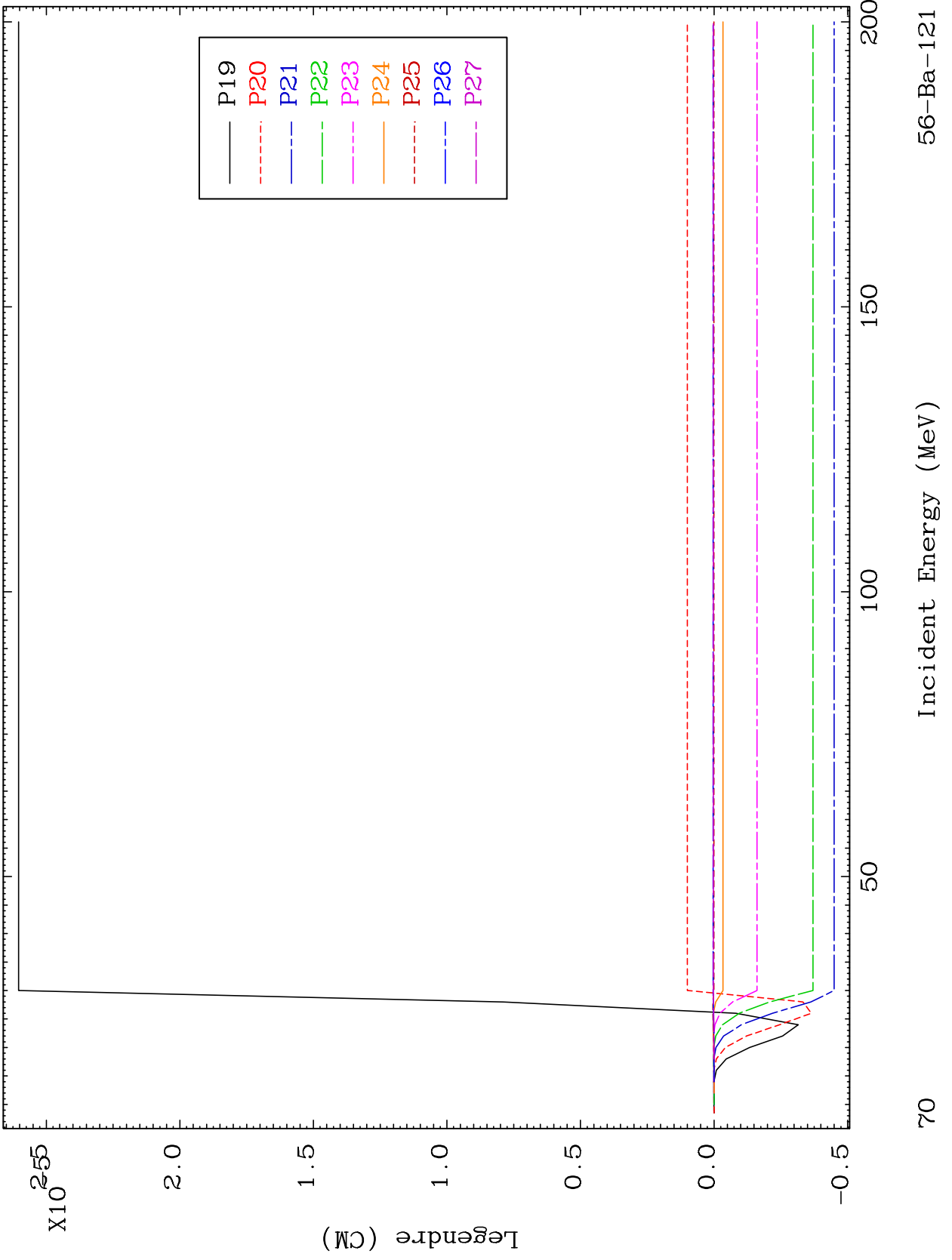
Incident Energy (MeV)

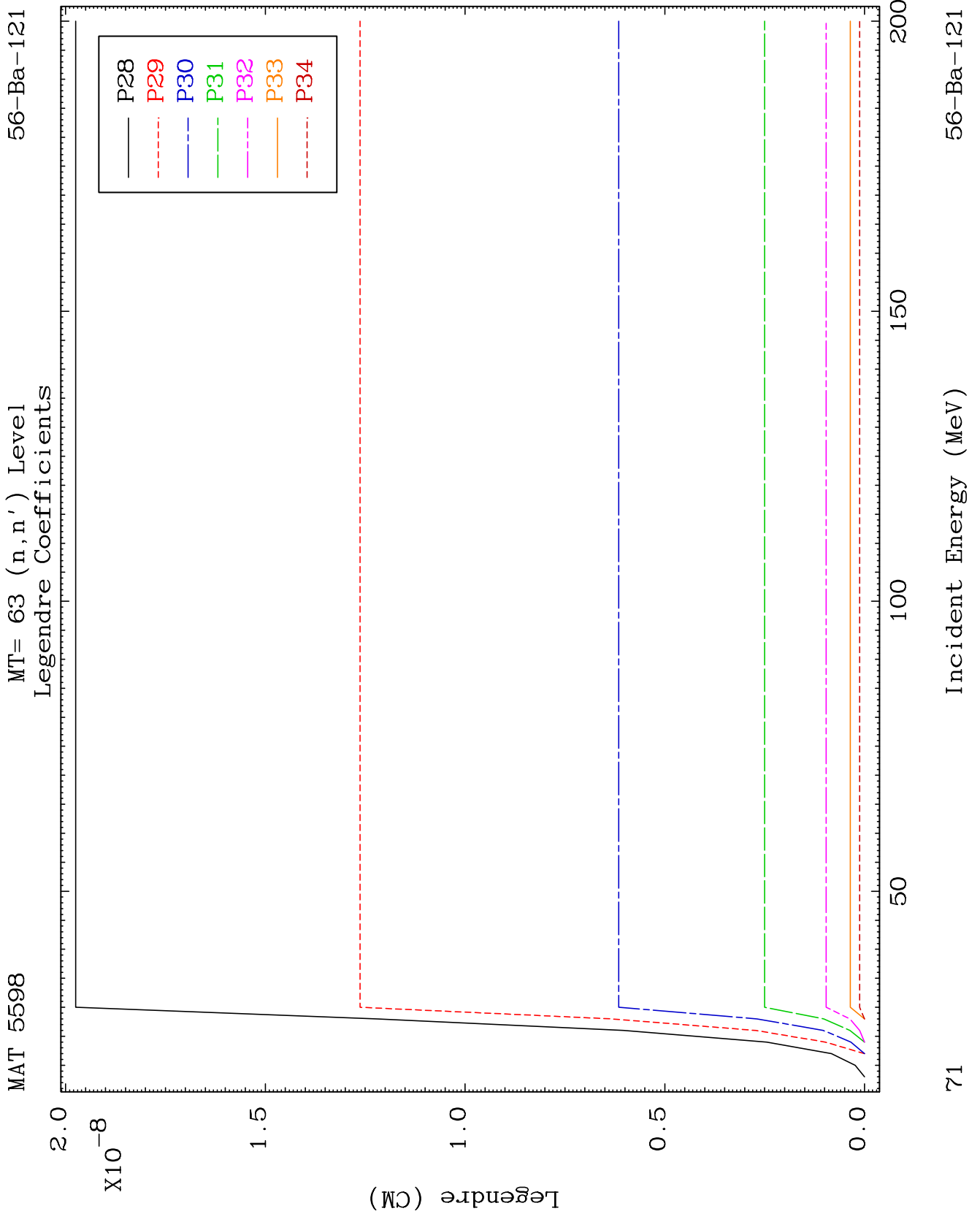
69

MAT 5598

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

56-Ba-121

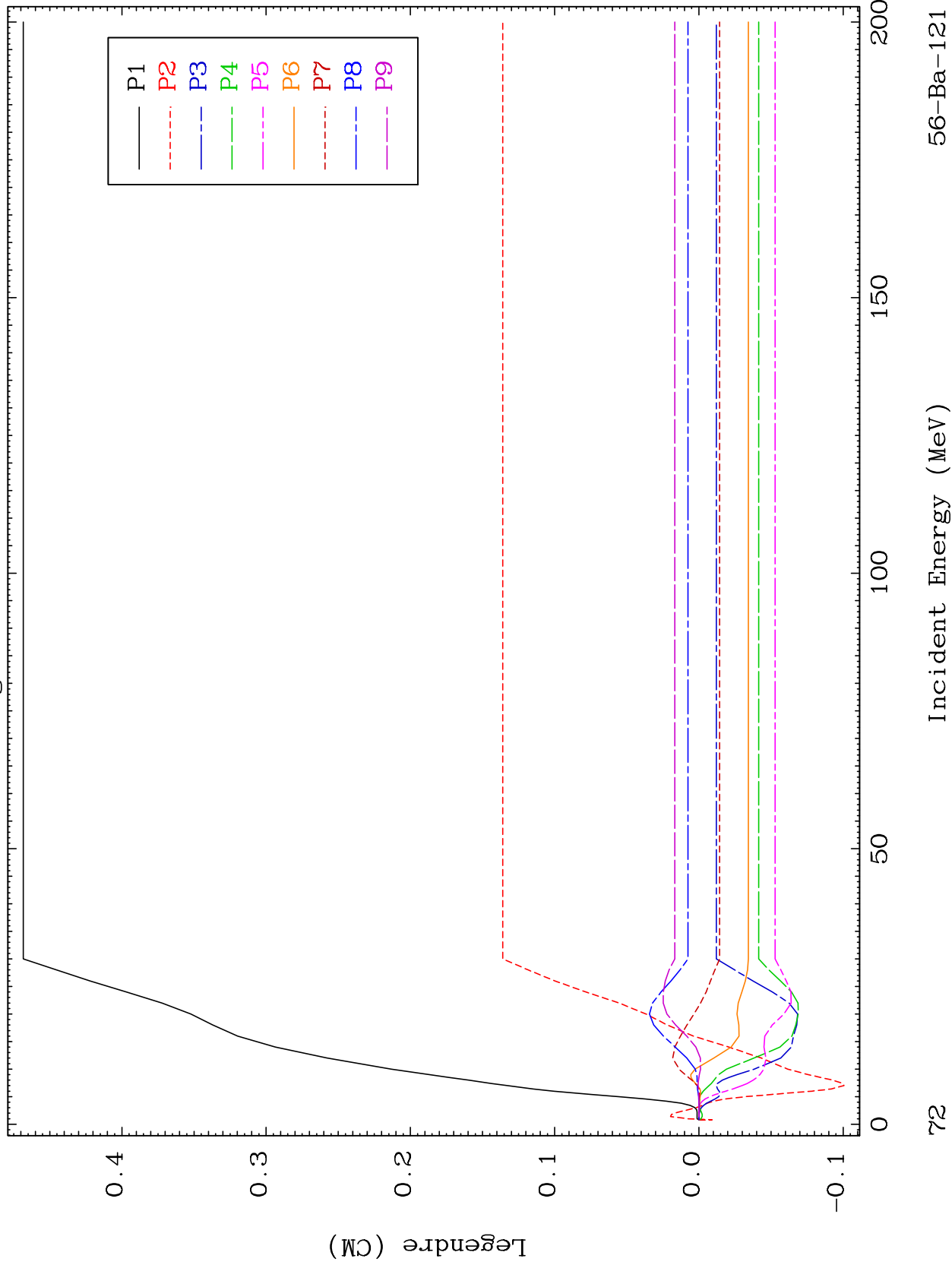




MAT 5598

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

56-Ba-121



56-Ba-121

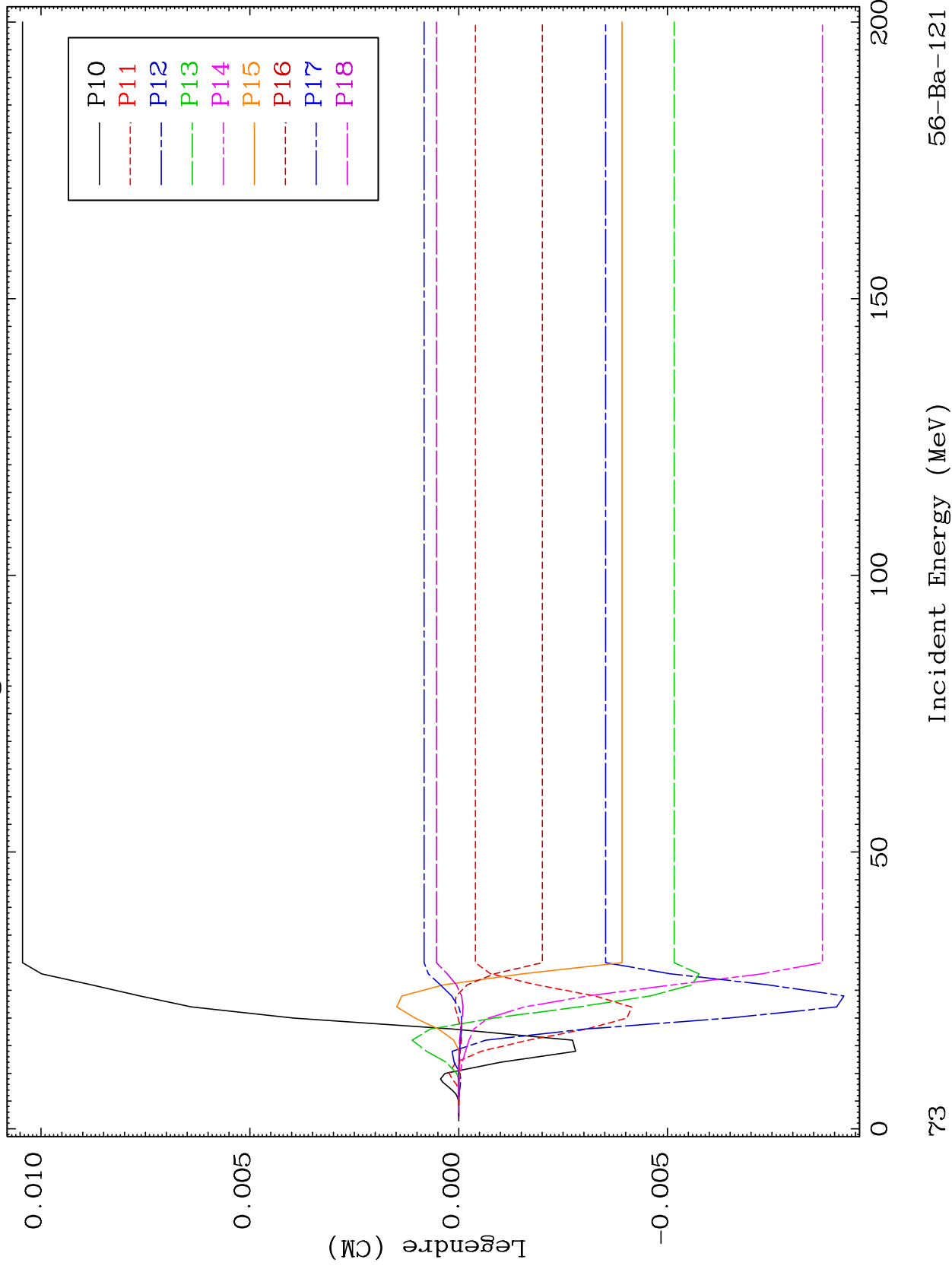
Incident Energy (MeV)

72

MAT 5598

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

56-Ba-121



73

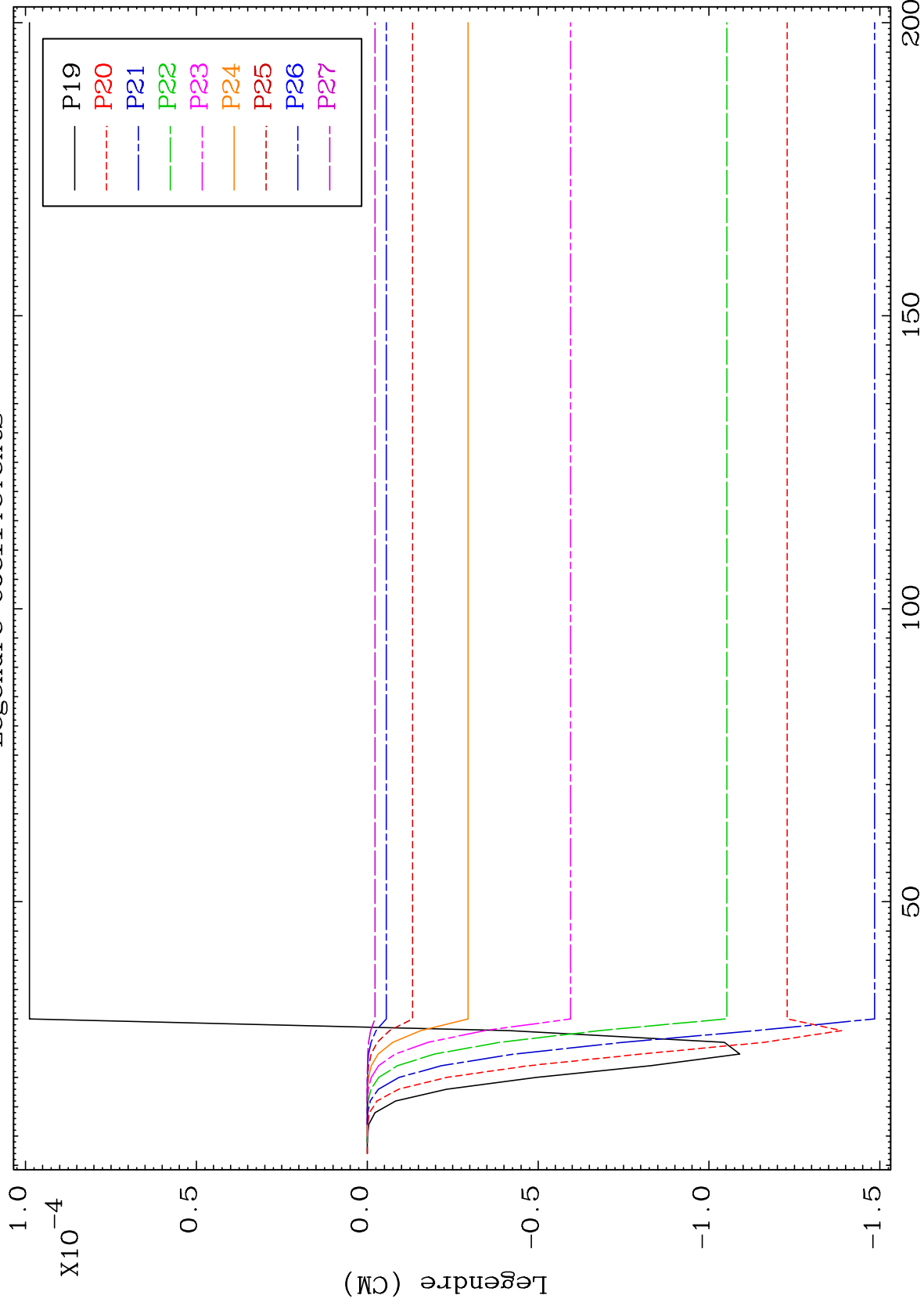
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

56-Ba-121



74

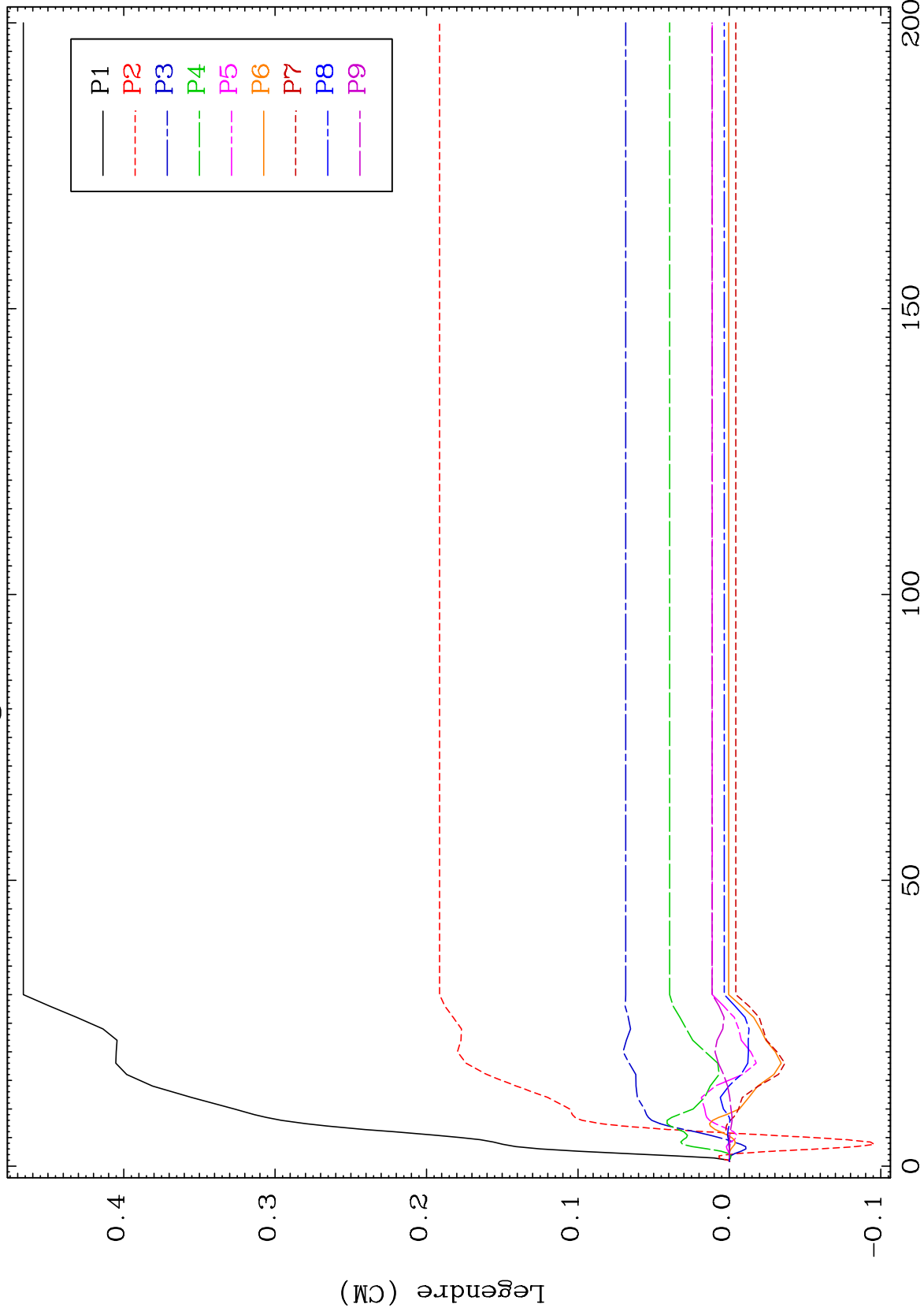
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

56-Ba-121



76

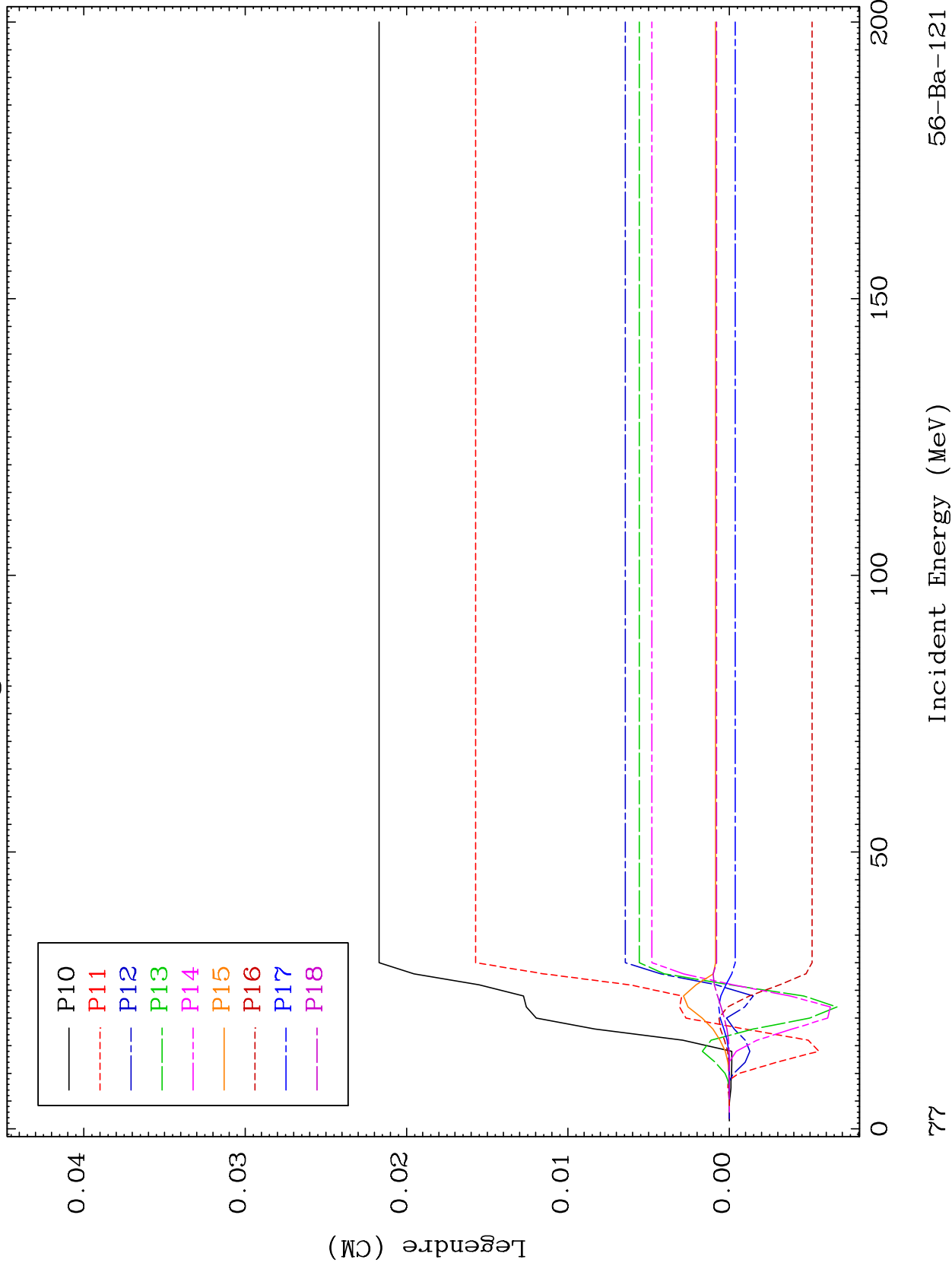
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

56-Ba-121



77

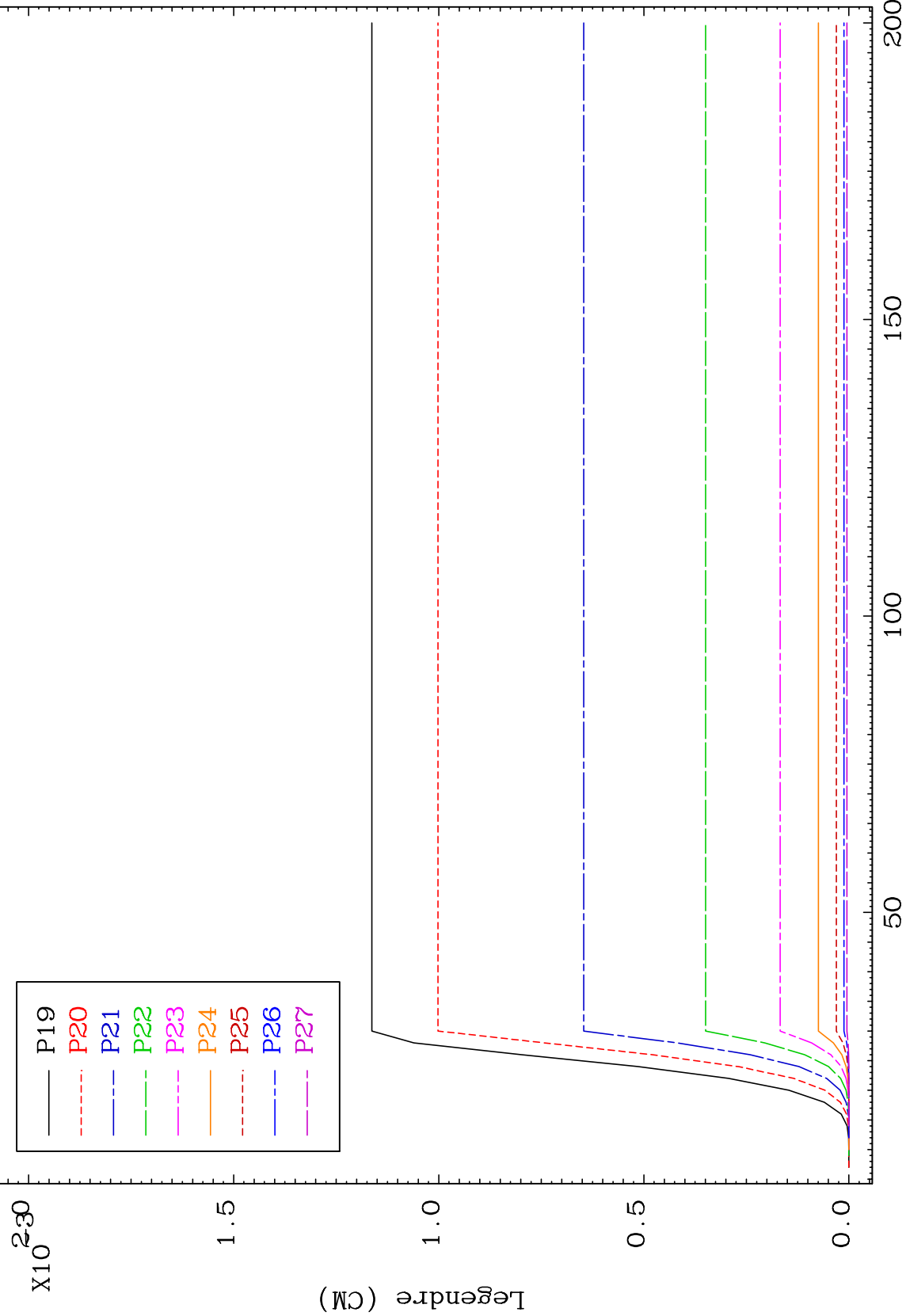
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

56-Ba-121



78

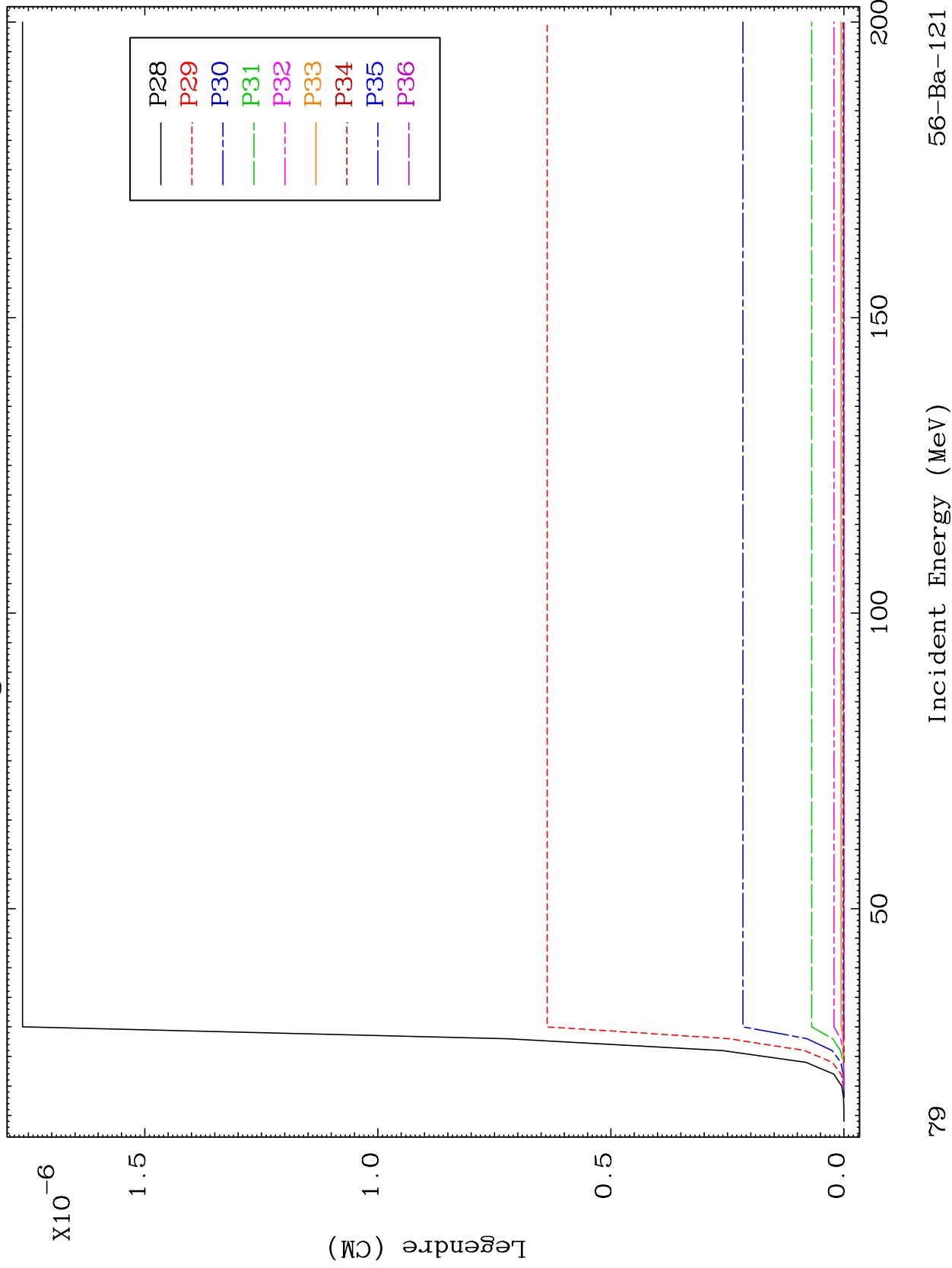
Incident Energy (MeV)

56-Ba-121

MAT 5598

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

56-Ba-121

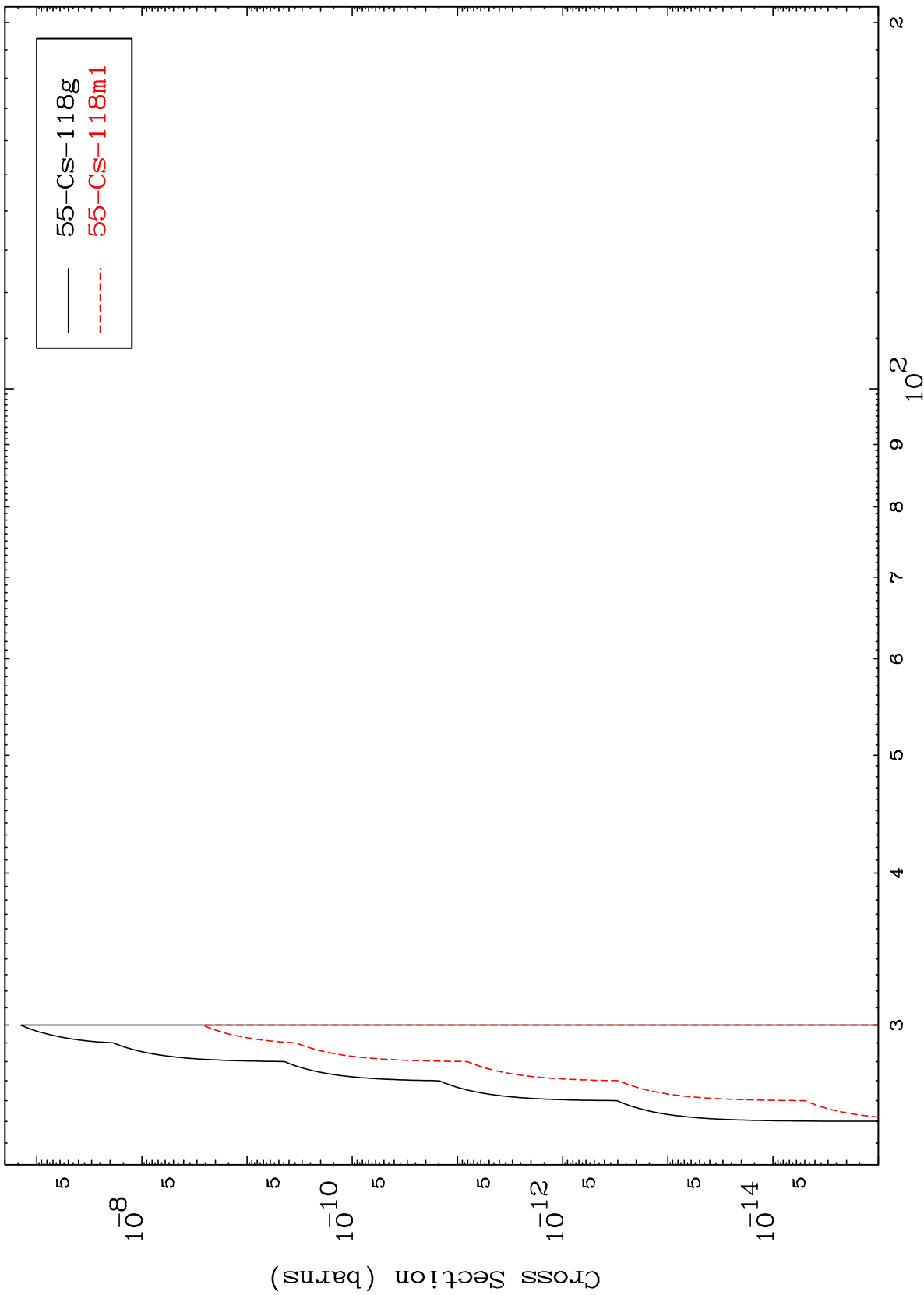


MAT 5598

(n,2n) d

56-Ba-121

Radionuclide Production Cross Section



55-Cs-118g
55-Cs-118m1

80

Incident Energy (MeV)

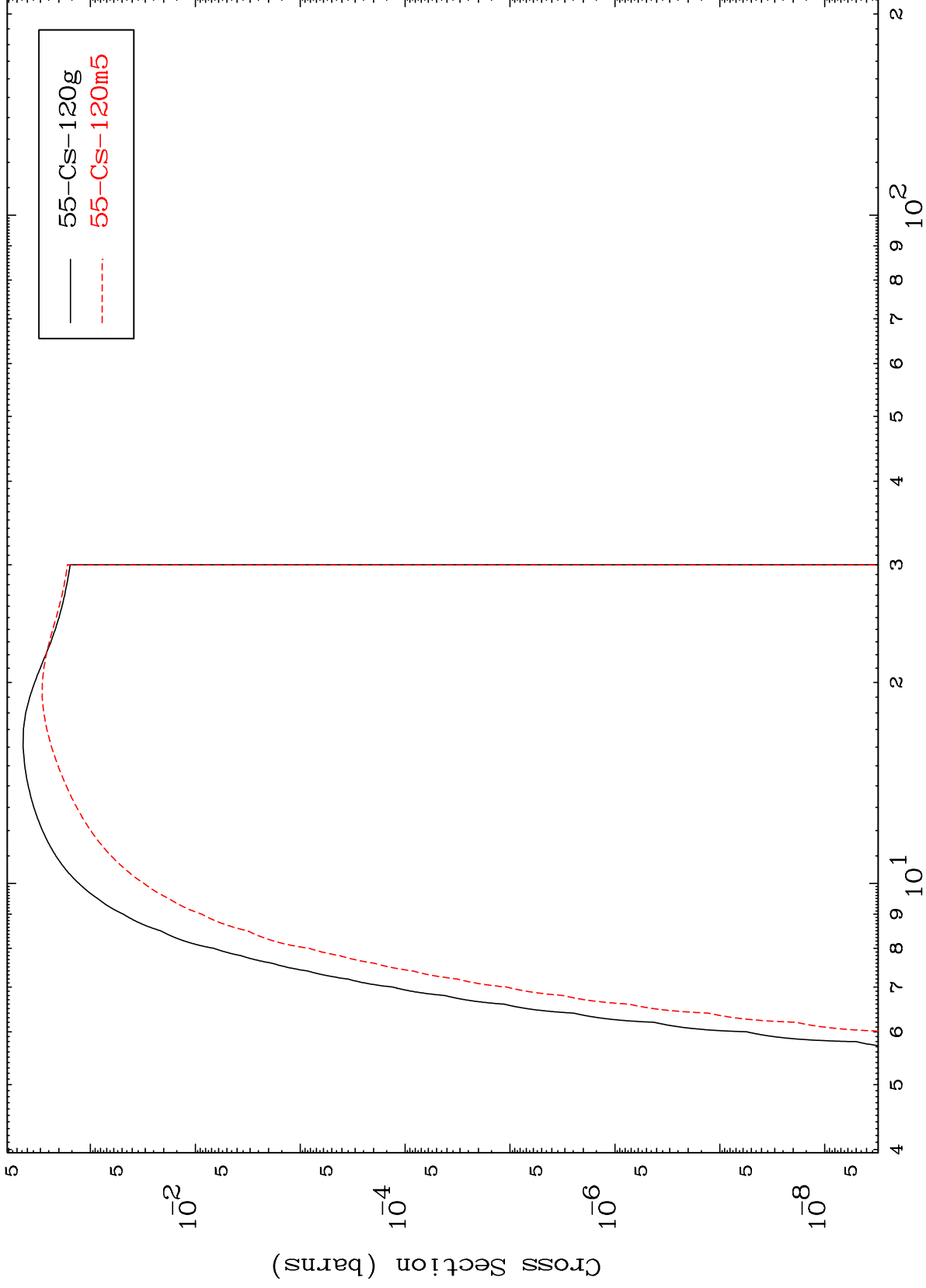
56-Ba-121

MAT 5598

(n, n') p

56-Ba-121

Radionuclide Production Cross Section

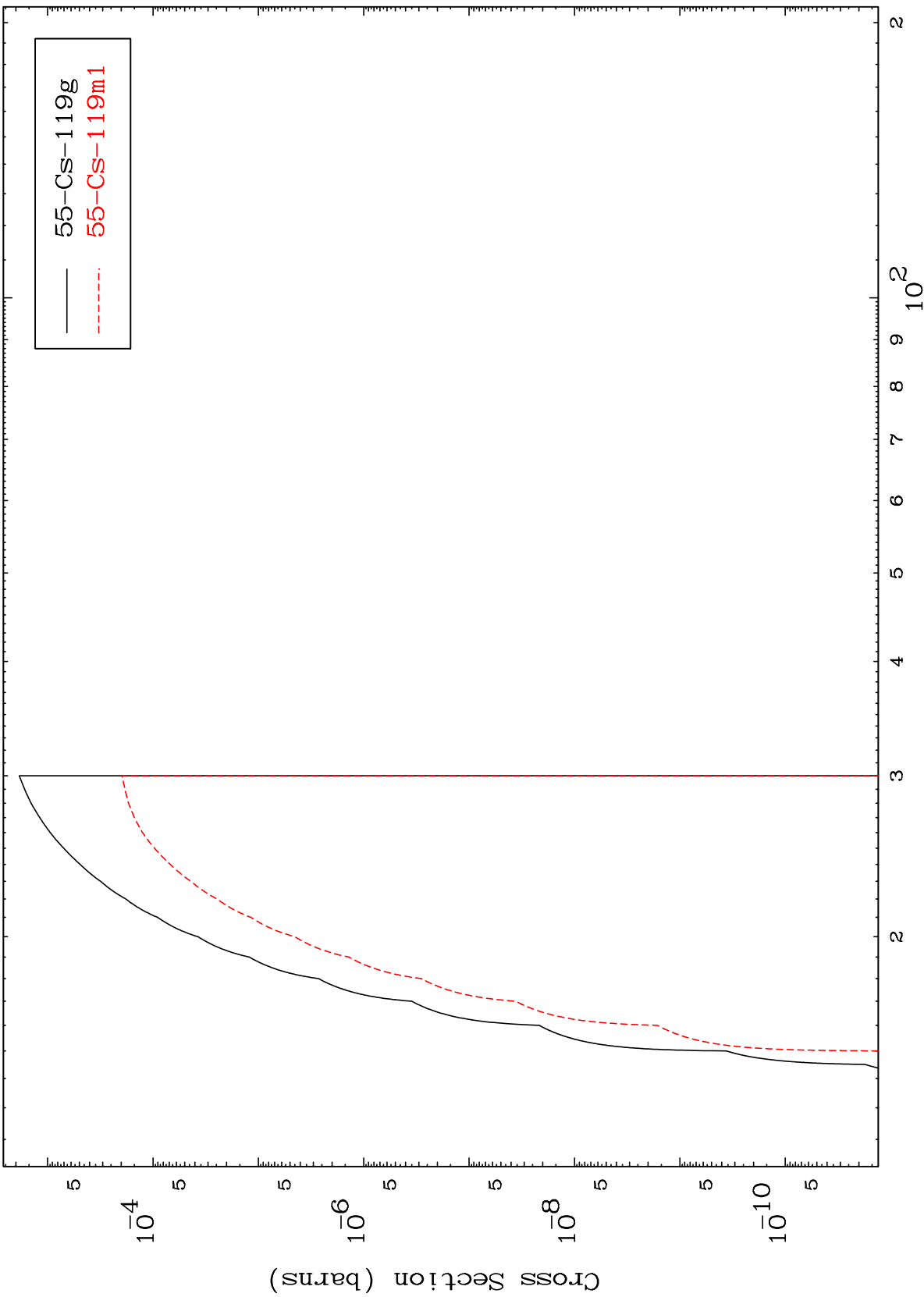


81

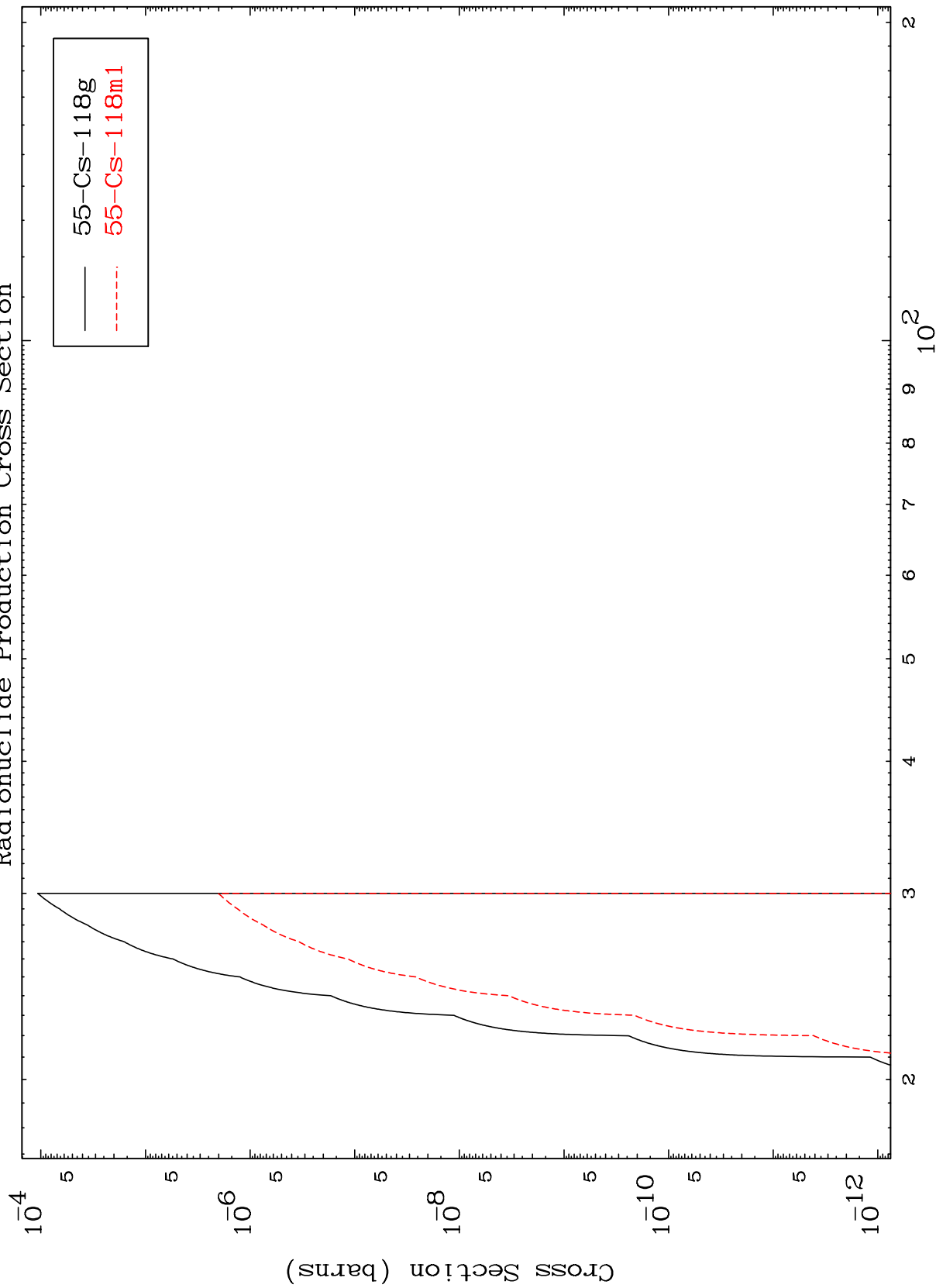
Incident Energy (MeV)

56-Ba-121

Radionuclide Production Cross Section



Radionuclide Production Cross Section



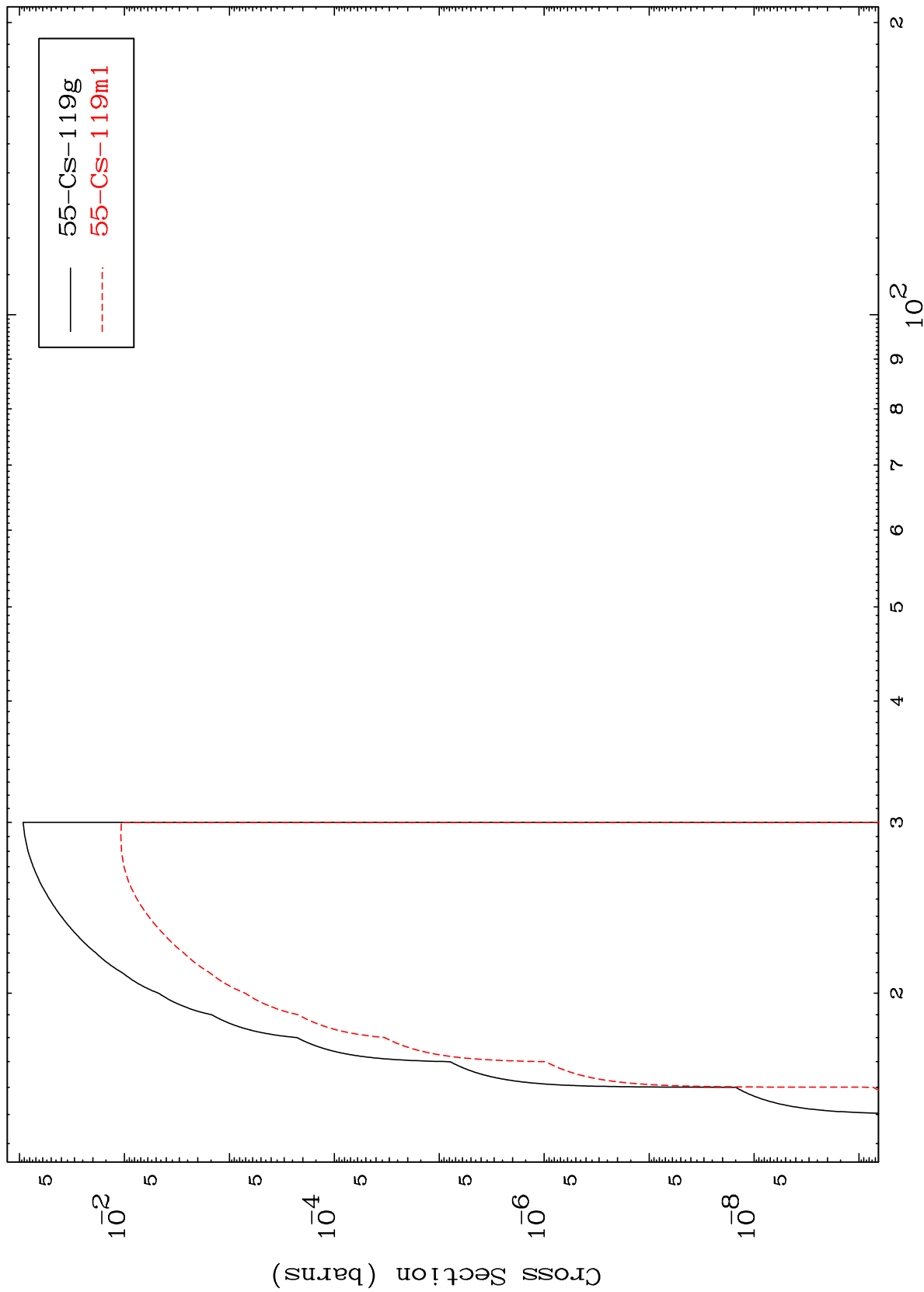
55-Cs-118g
55-Cs-118m1

MAT 5598

(n,2n) p

56-Ba-121

Radionuclide Production Cross Section



84

Incident Energy (MeV)

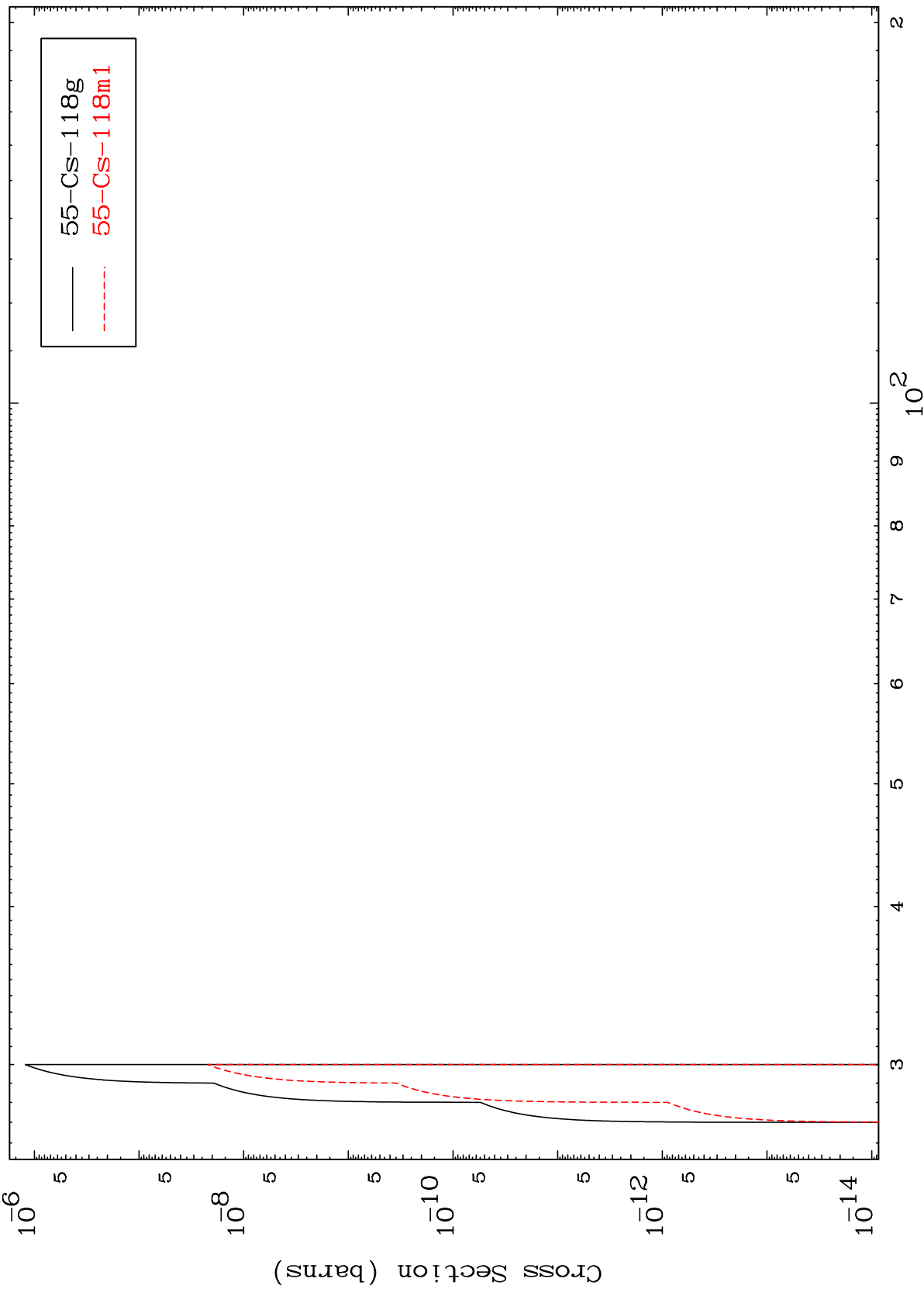
56-Ba-121

MAT 5598

(n,3n) p

56-Ba-121

Radionuclide Production Cross Section



55-Cs-118g
55-Cs-118m1

85

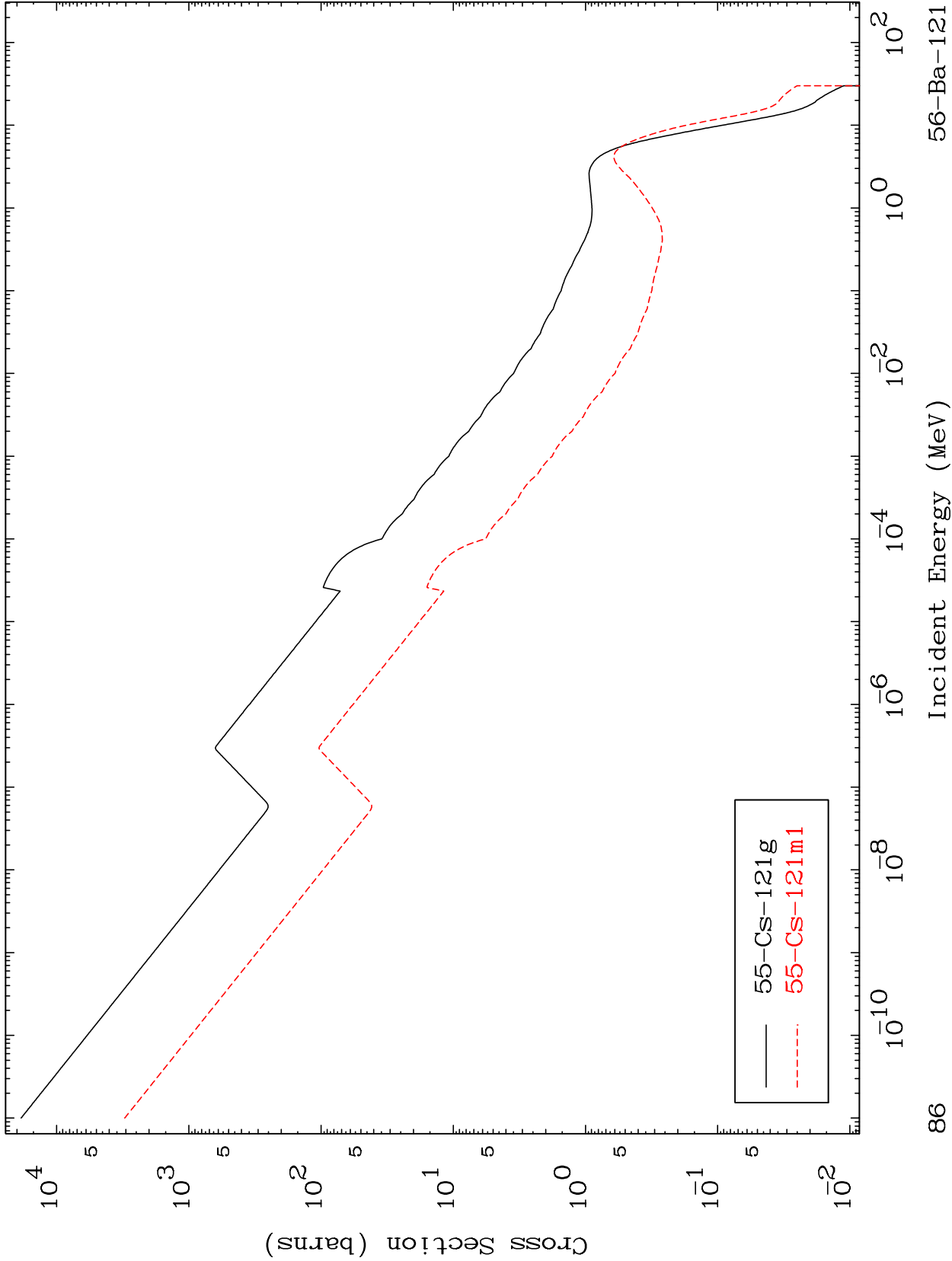
Incident Energy (MeV)

56-Ba-121

MAT 5598

56-Ba-121

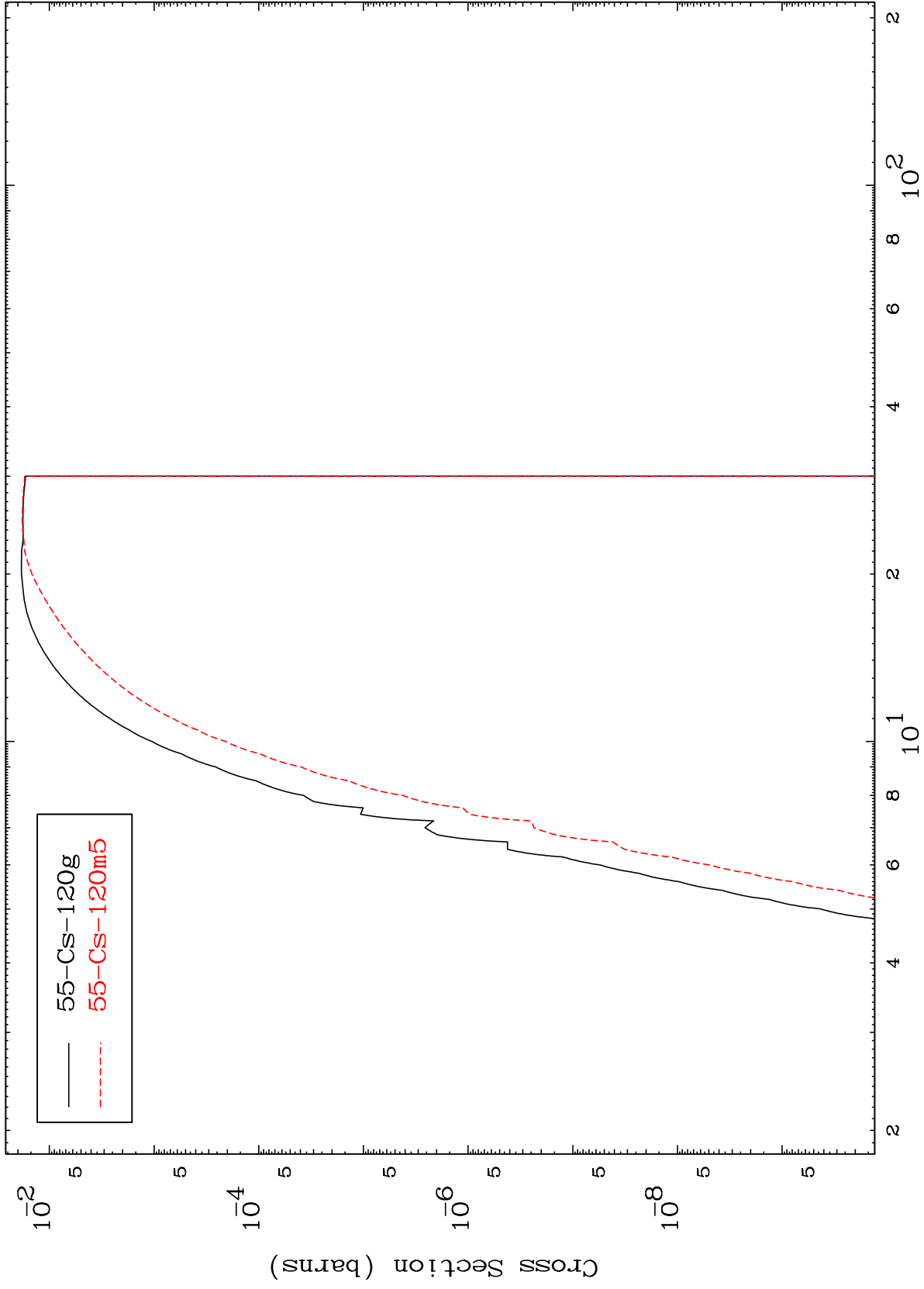
(n,p)
Radionuclide Production Cross Section



MAT 5598

56-Ba-121

(n,d)
Radionuclide Production Cross Section



87

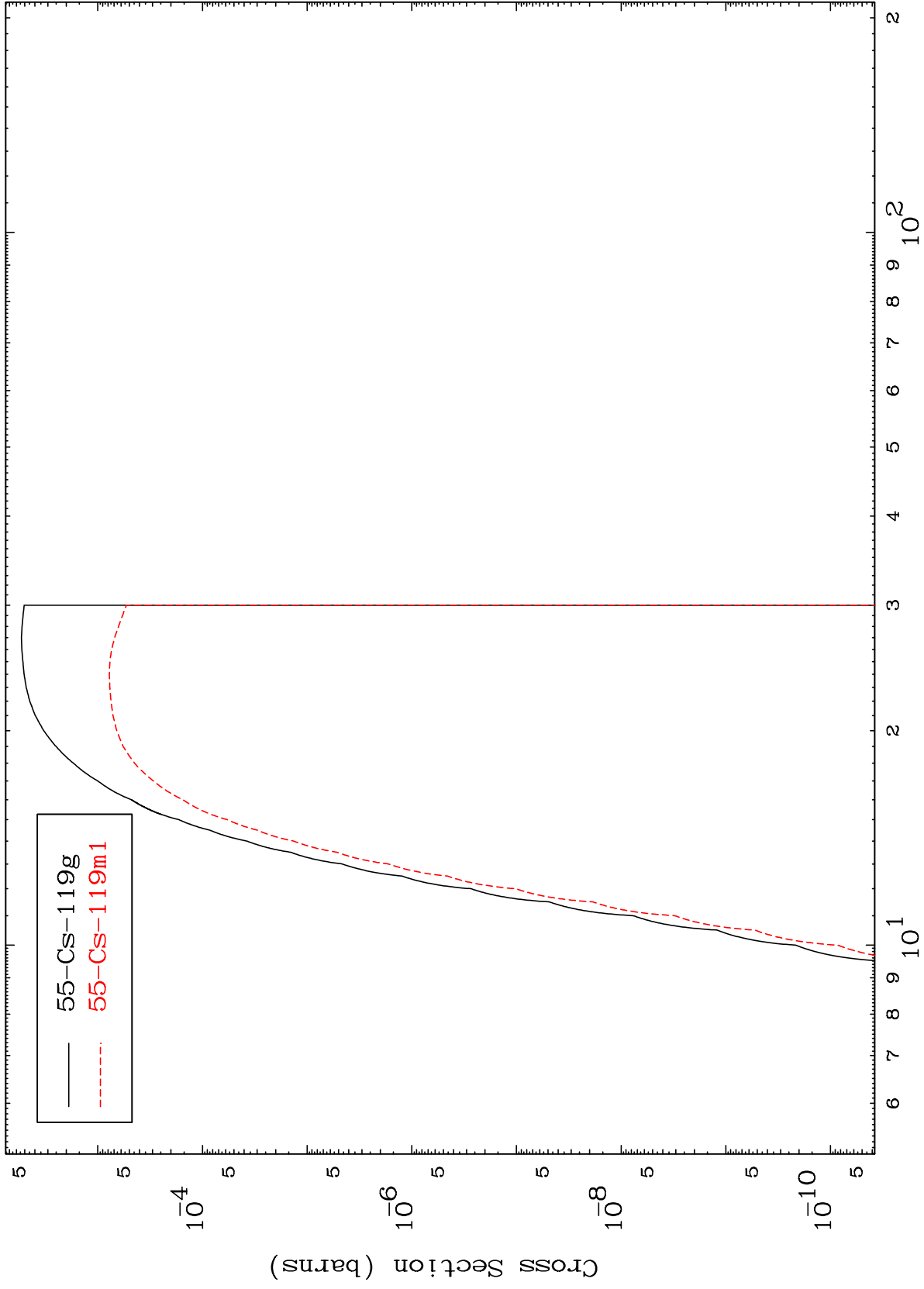
56-Ba-121

Incident Energy (MeV)

MAT 5598

56-Ba-121

(n, t)
Radionuclide Production Cross Section



88

Incident Energy (MeV)

56-Ba-121