

Program EVALPLOT
(Version 2018-1)

by

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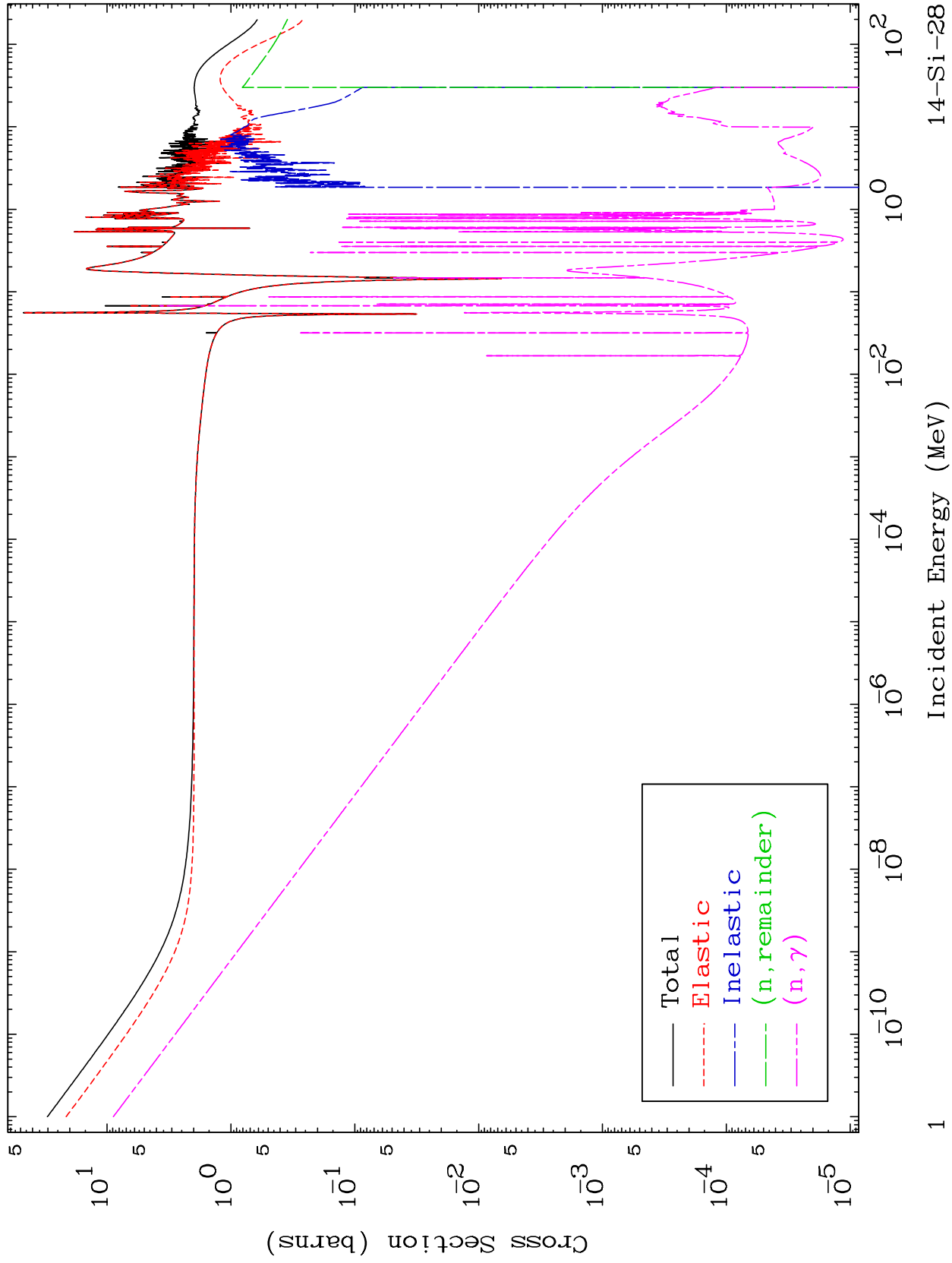
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1425

Major
293 Kelvin Cross Sections

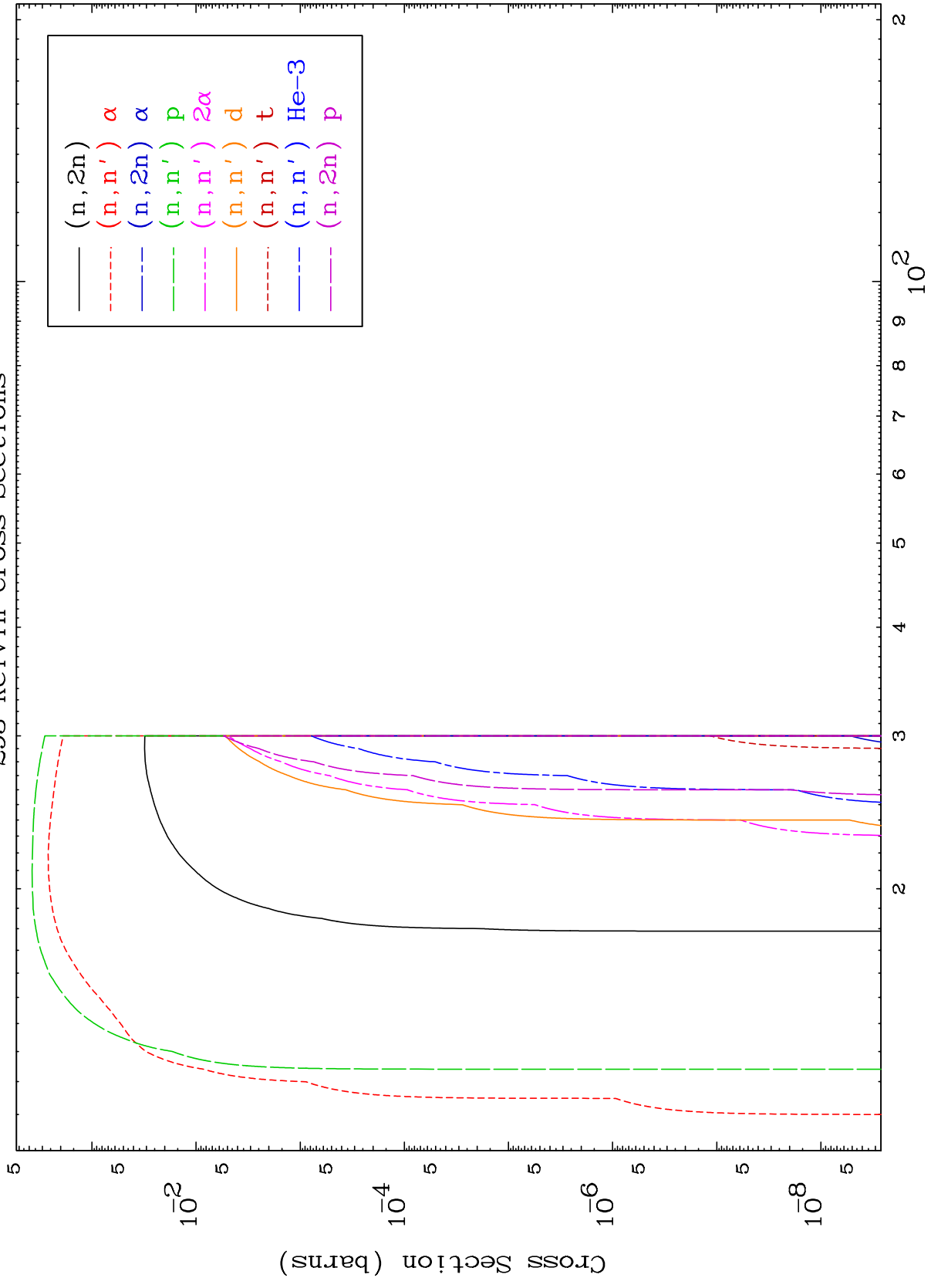
14-Si-28



MAT 1425

Neutron Production
293 Kelvin Cross Sections

¹⁴Si-28



2

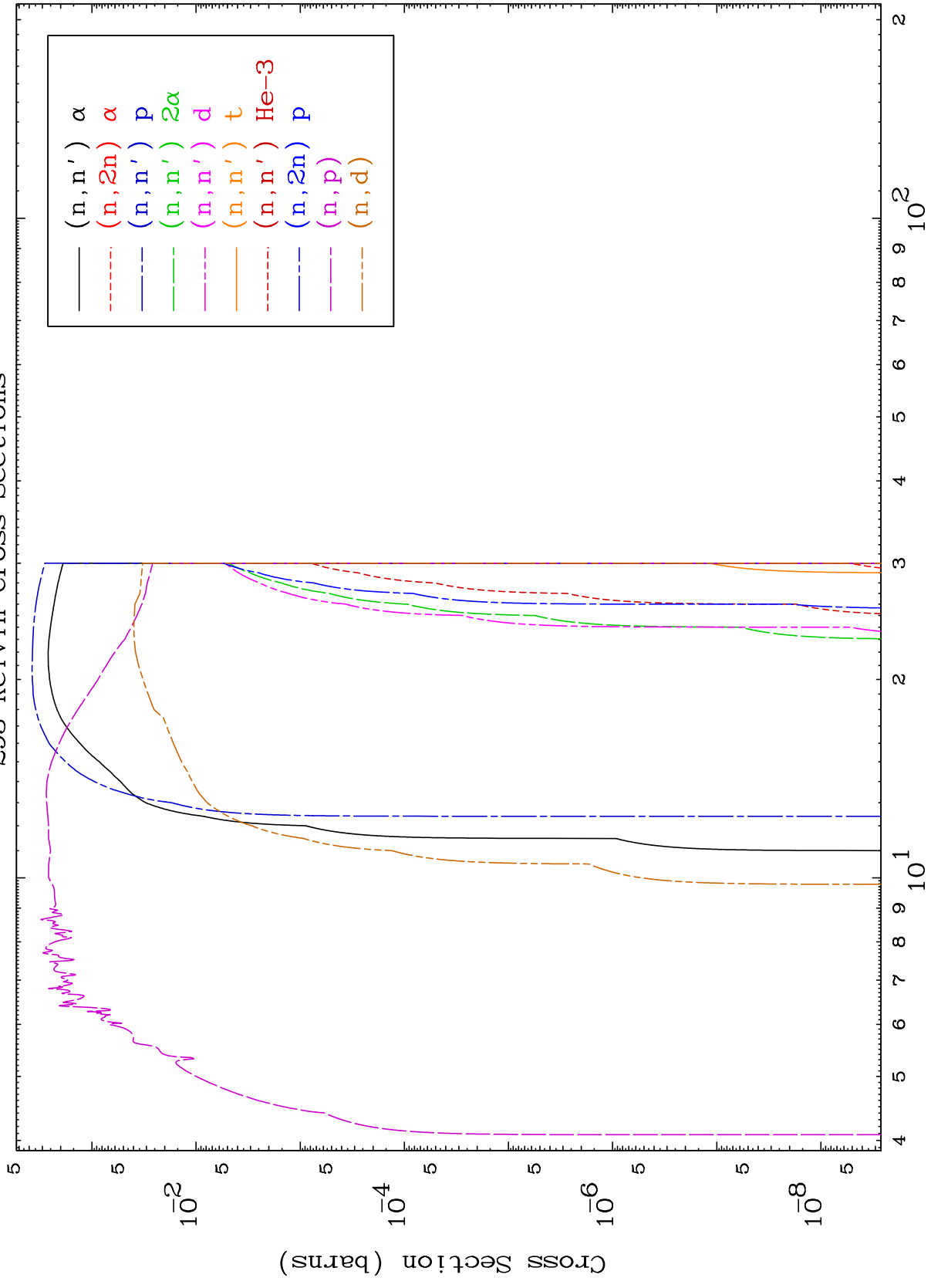
Incident Energy (MeV)

¹⁴Si-28

MAT 1425

Charged Particle
293 Kelvin Cross Sections

14-Si-28



3

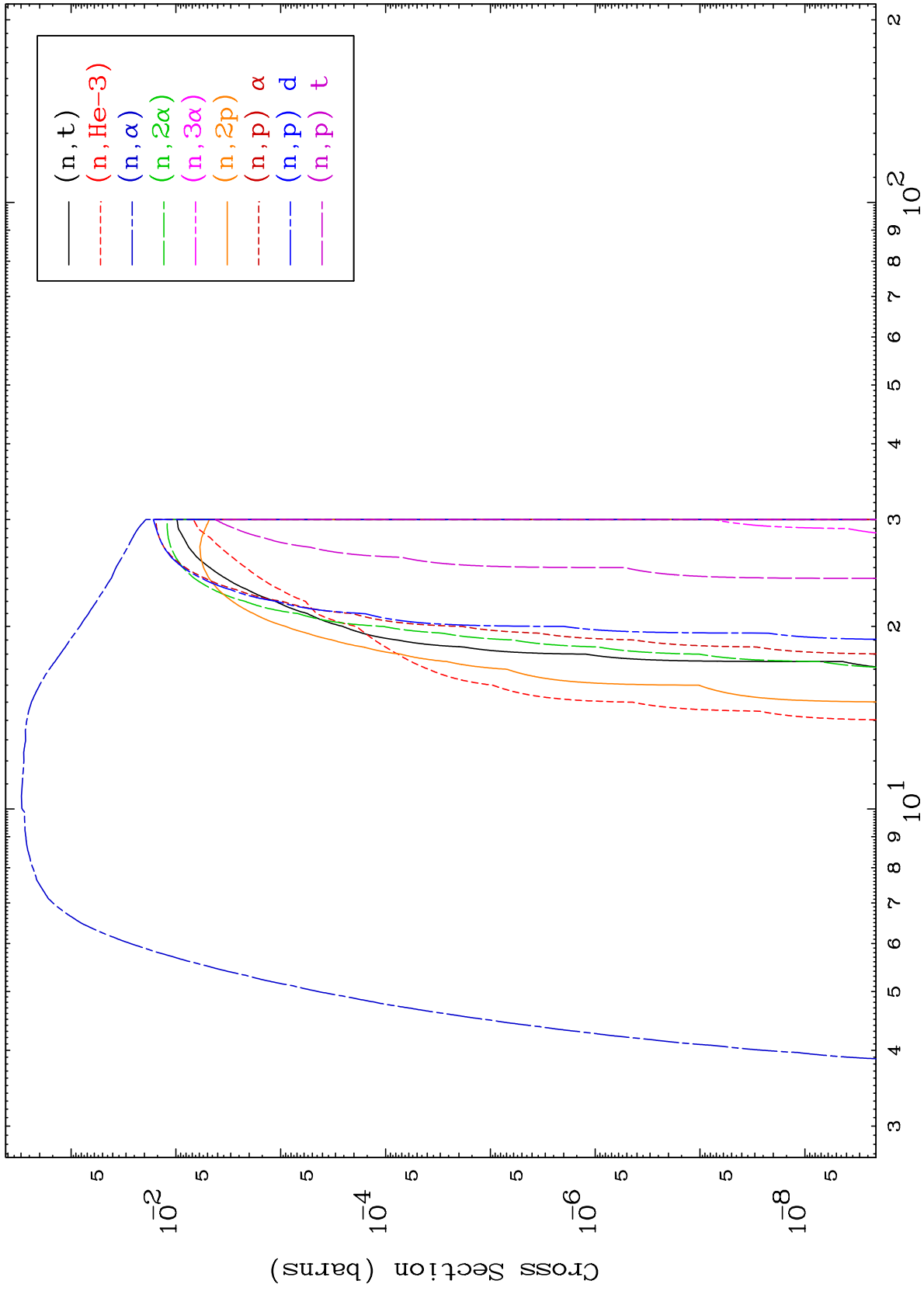
Incident Energy (MeV)

14-Si-28

MAT 1425

Charged Particle
293 Kelvin Cross Sections

14-Si-28



4

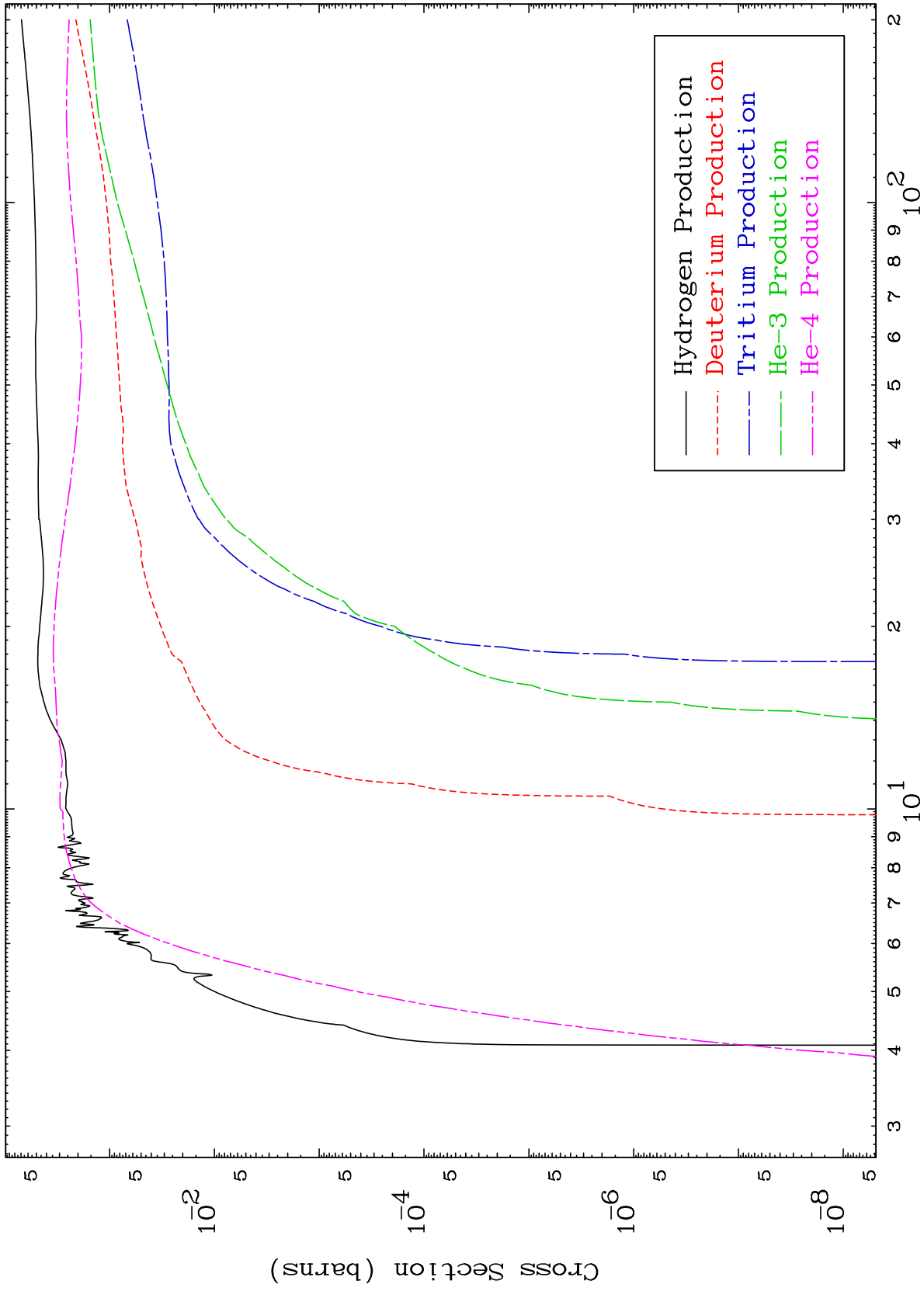
Incident Energy (MeV)

14-Si-28

MAT 1425

Particle Production
293 Kelvin Cross Sections

14-Si-28



5

Incident Energy (MeV)

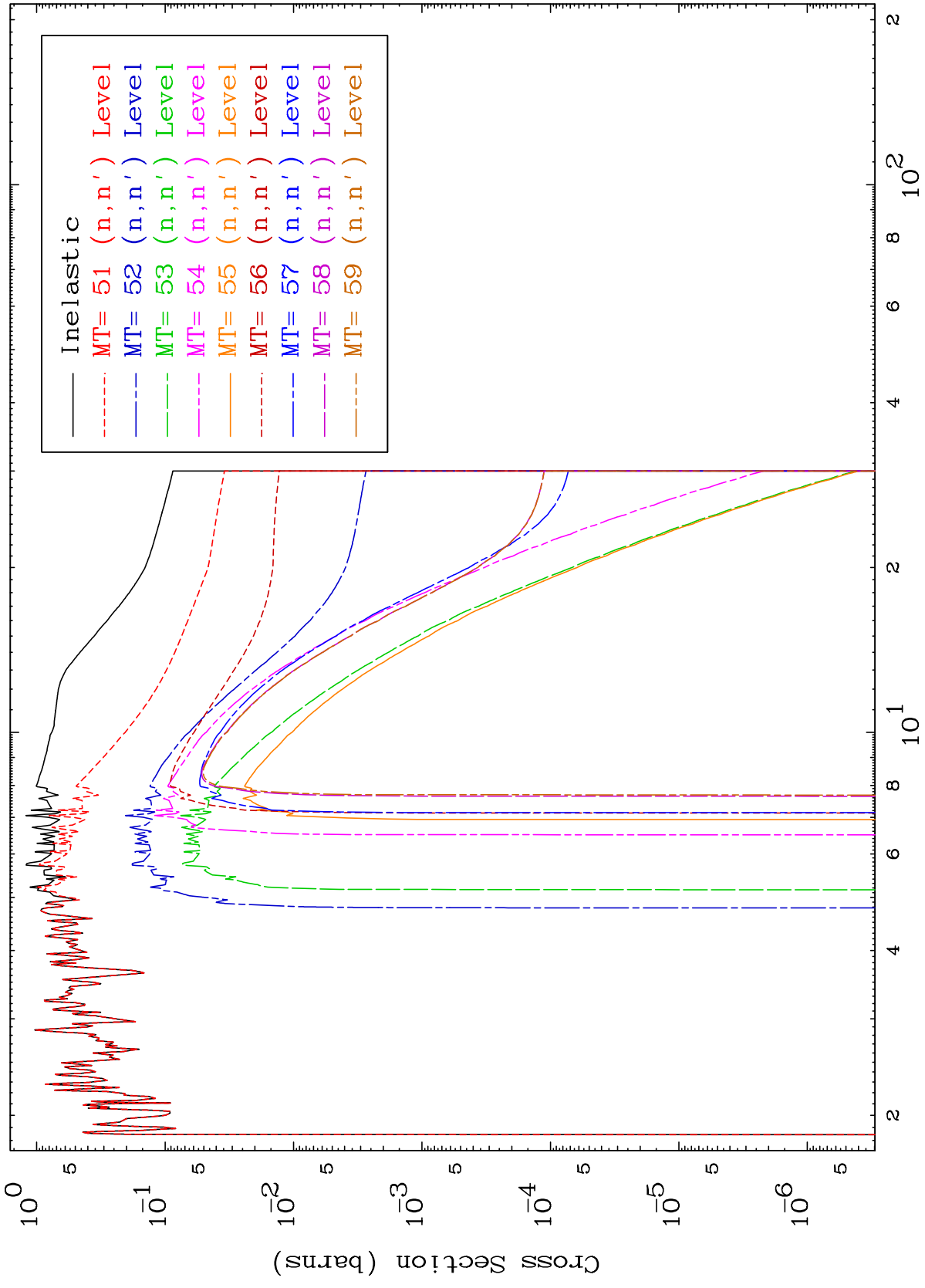
14-Si-28

MAT 1425

(n,n') Level

14-Si-28

293 Kelvin Cross Sections



6

Incident Energy (MeV)

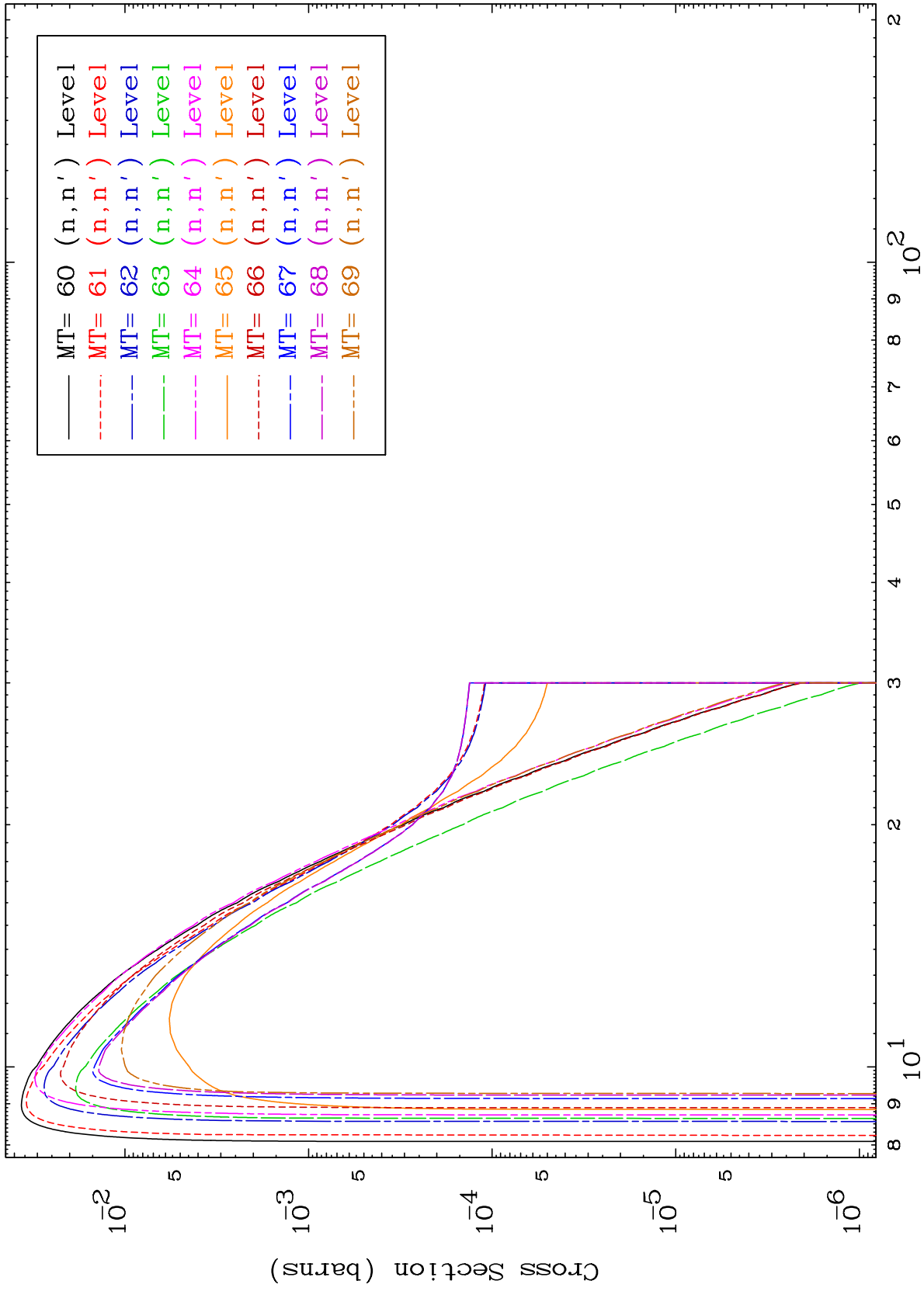
14-Si-28

MAT 1425

(n,n') Level

14-Si-28

293 Kelvin Cross Sections



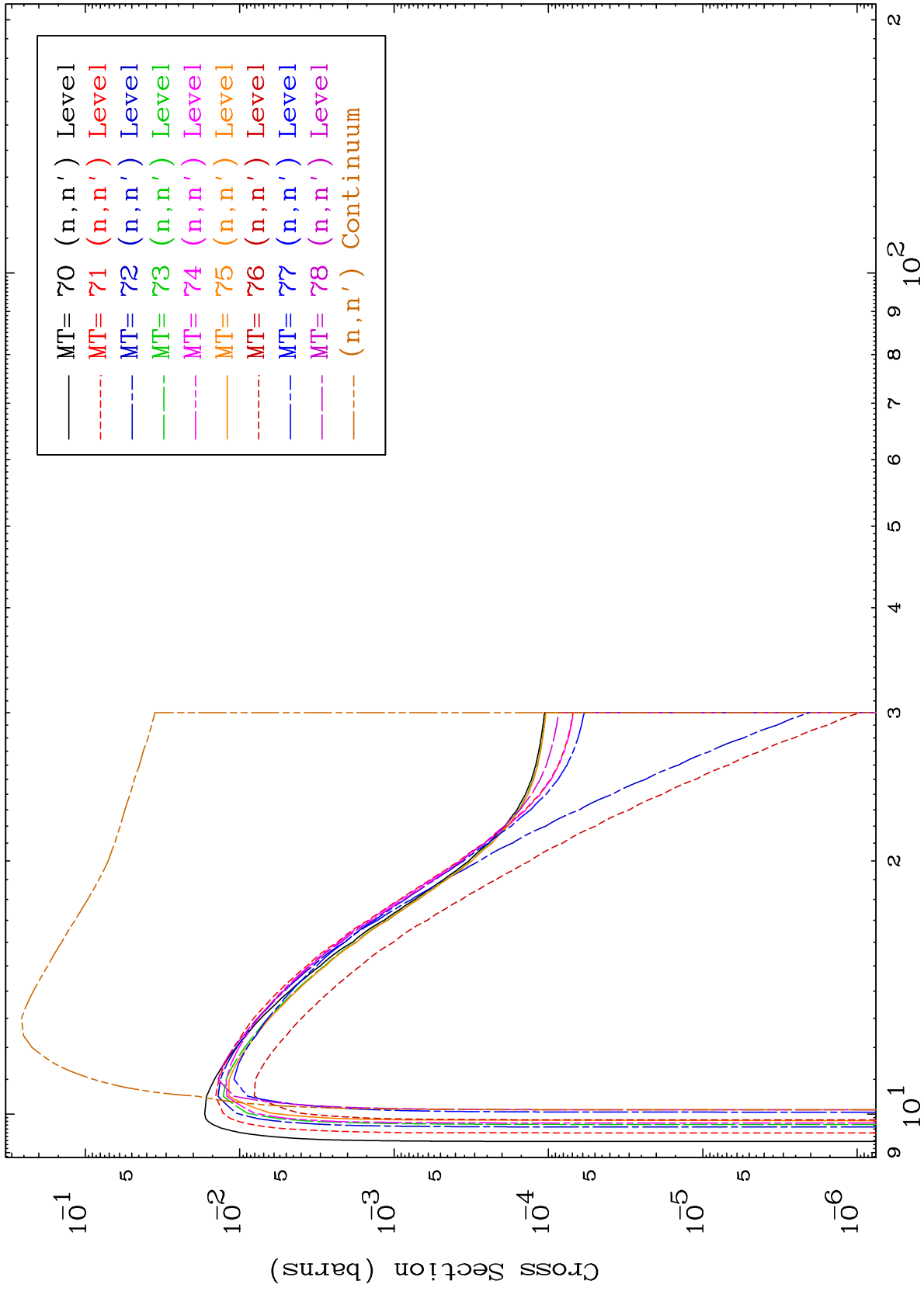
Incident Energy (MeV)

14-Si-28

MAT 1425

(n,n') Level
293 Kelvin Cross Sections

14-Si-28



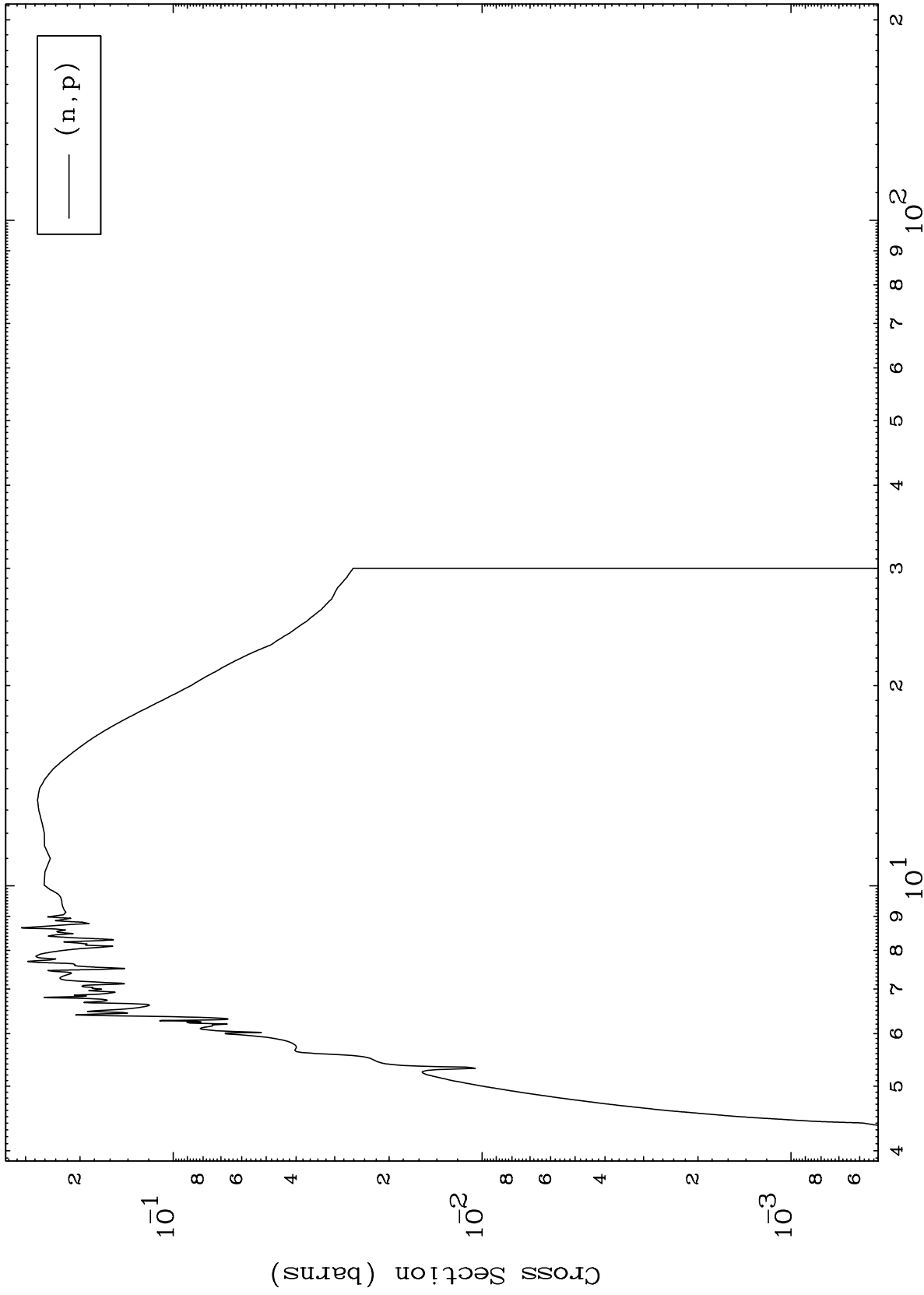
Incident Energy (MeV)

14-Si-28

MAT 1425

(n,p) Levels
293 Kelvin Cross Sections

14-Si-28



9

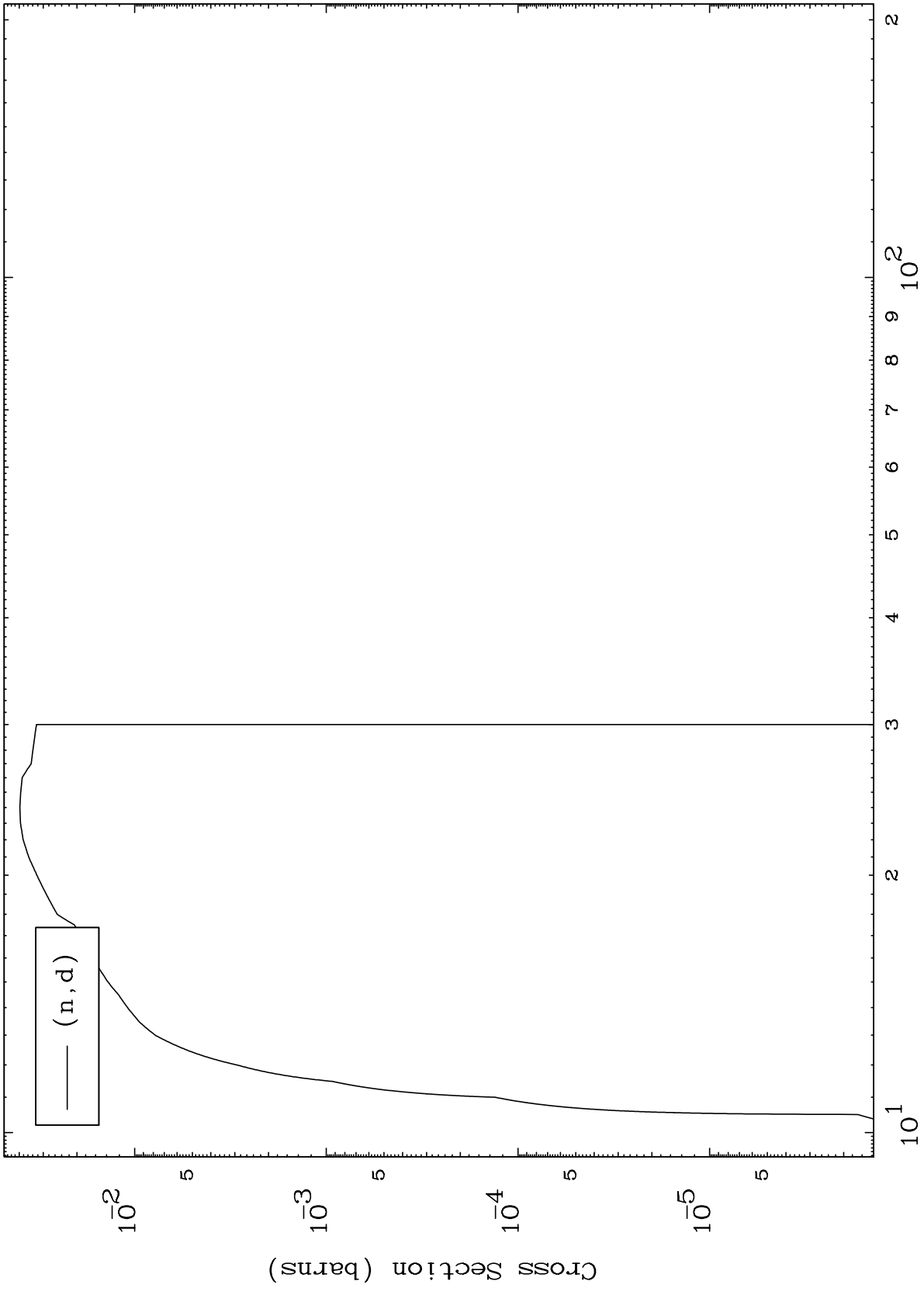
Incident Energy (MeV)

14-Si-28

MAT 1425

(n,d) Levels
293 Kelvin Cross Sections

14-Si-28



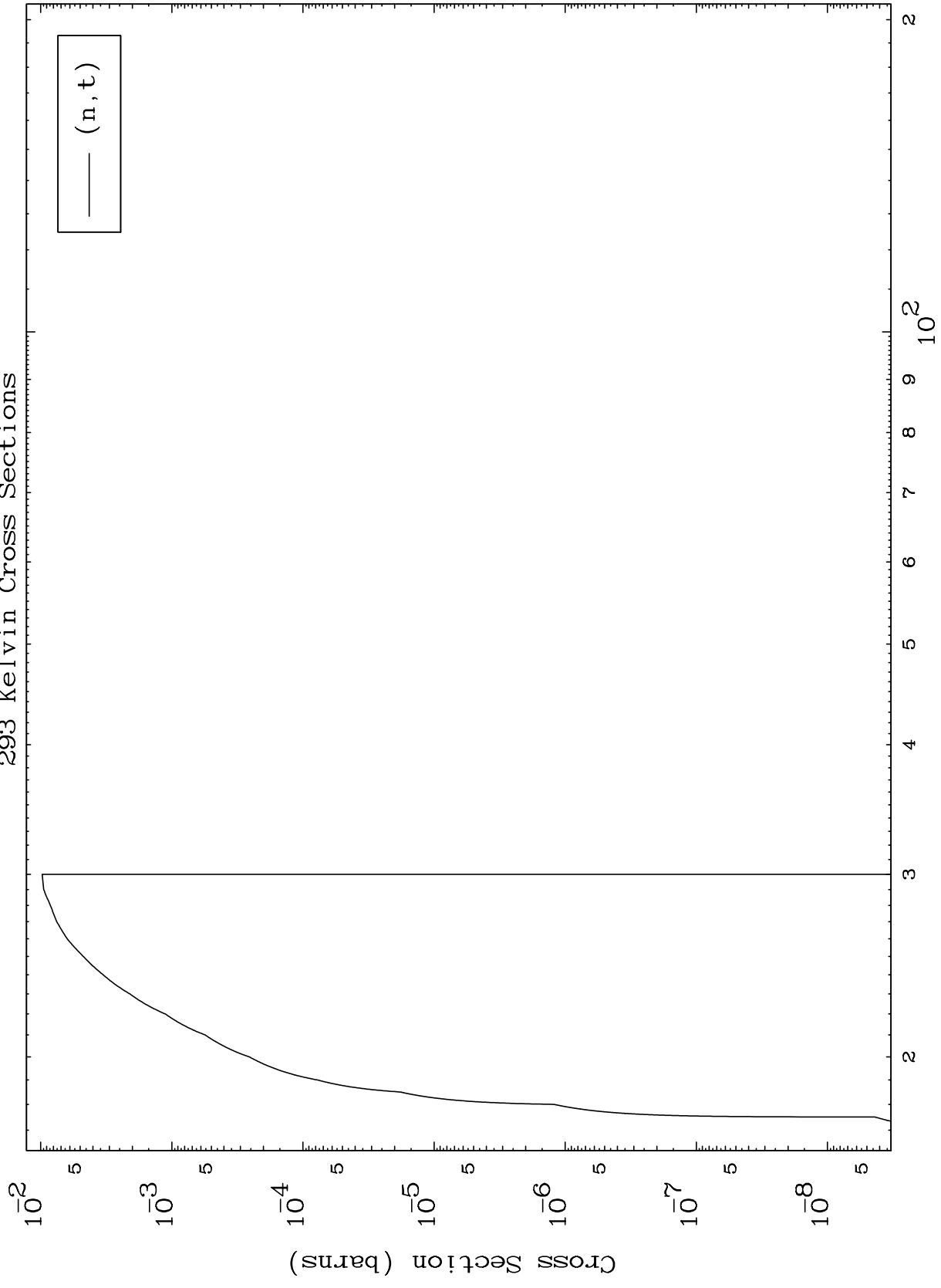
Incident Energy (MeV)

14-Si-28

MAT 1425

(n,t) Levels
293 Kelvin Cross Sections

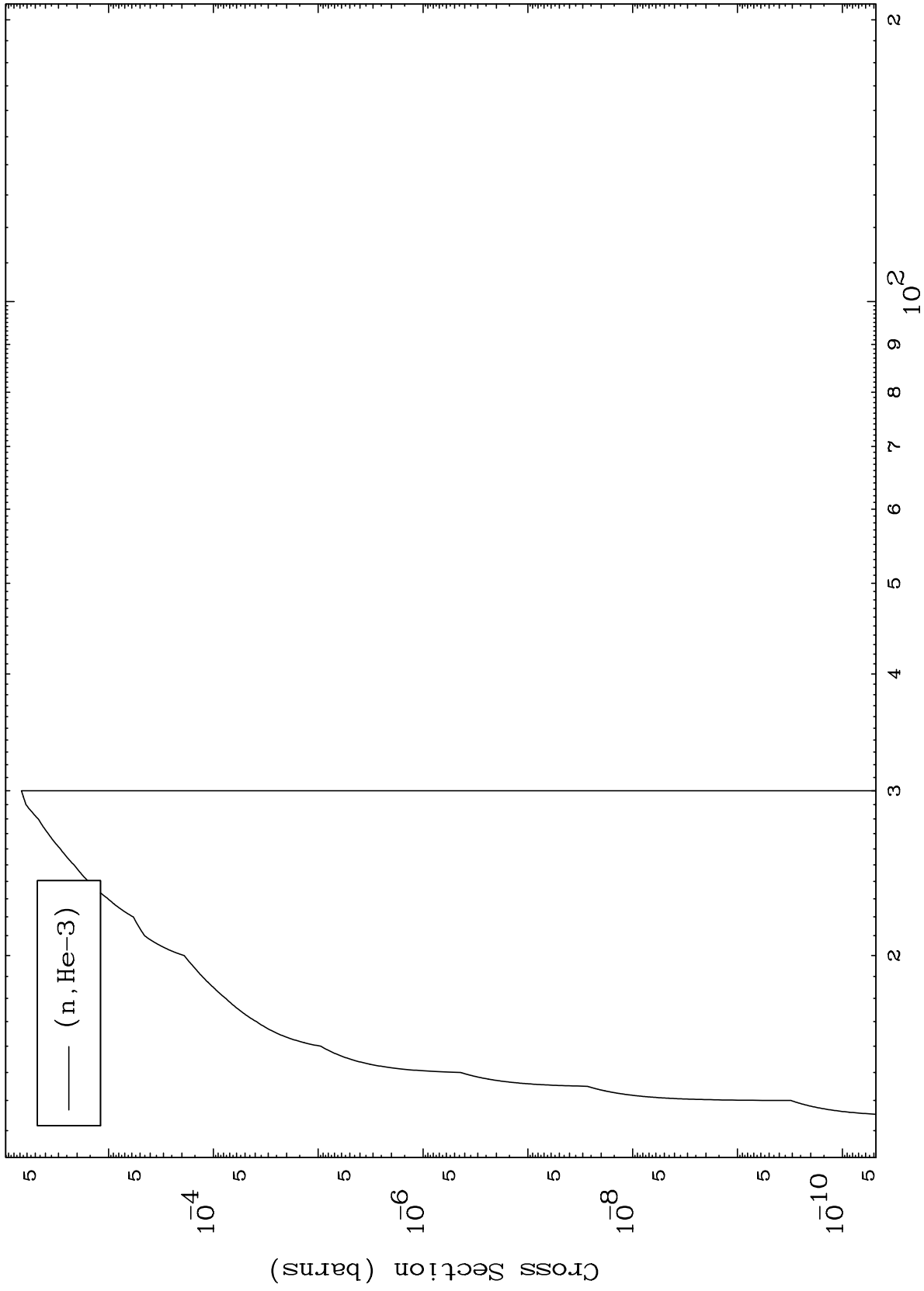
14-Si-28



MAT 1425

(n,He3) Levels
293 Kelvin Cross Sections

14-Si-28



12

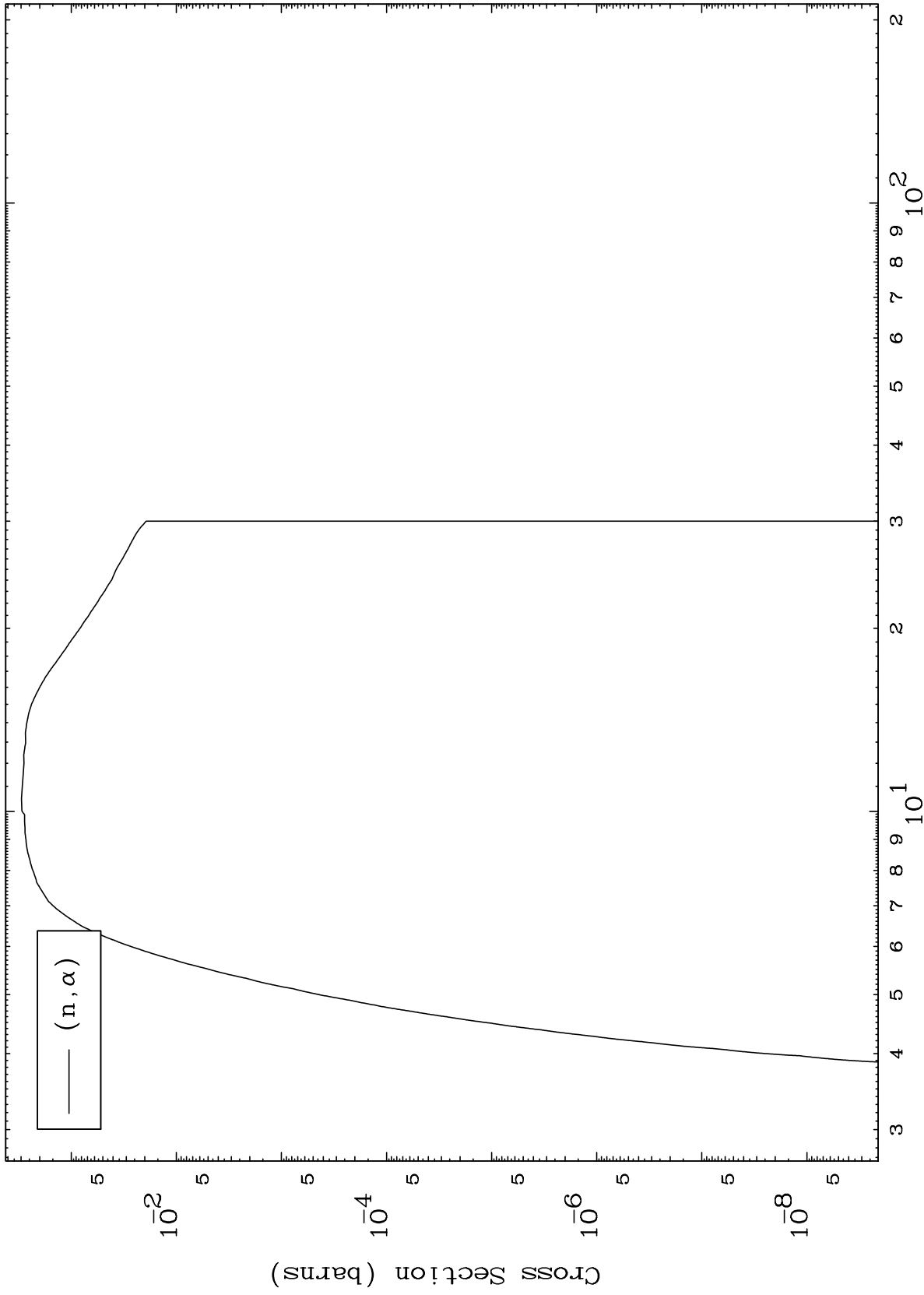
Incident Energy (MeV)

14-Si-28

MAT 1425

(n,α) Levels
293 Kelvin Cross Sections

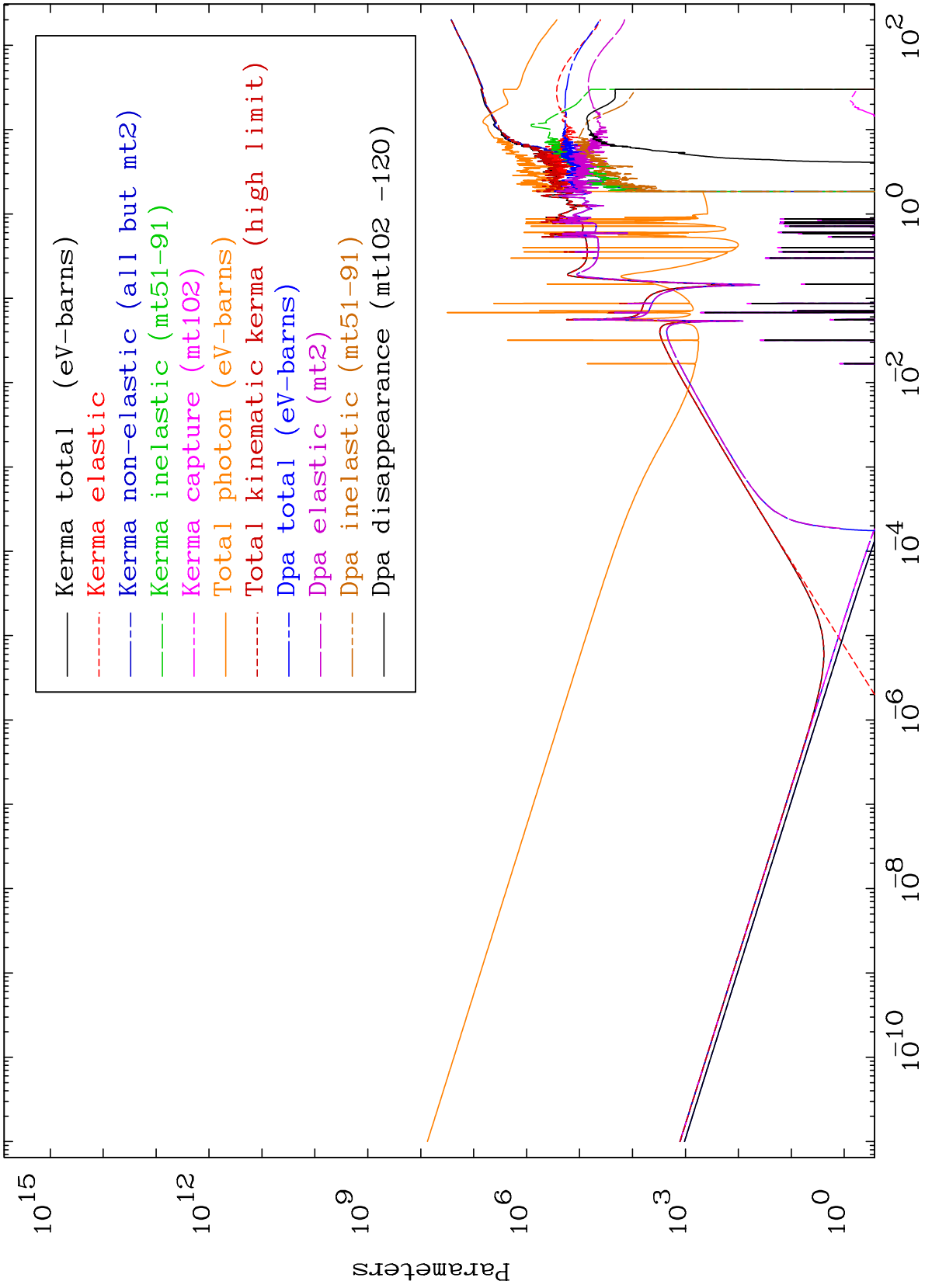
14-Si-28

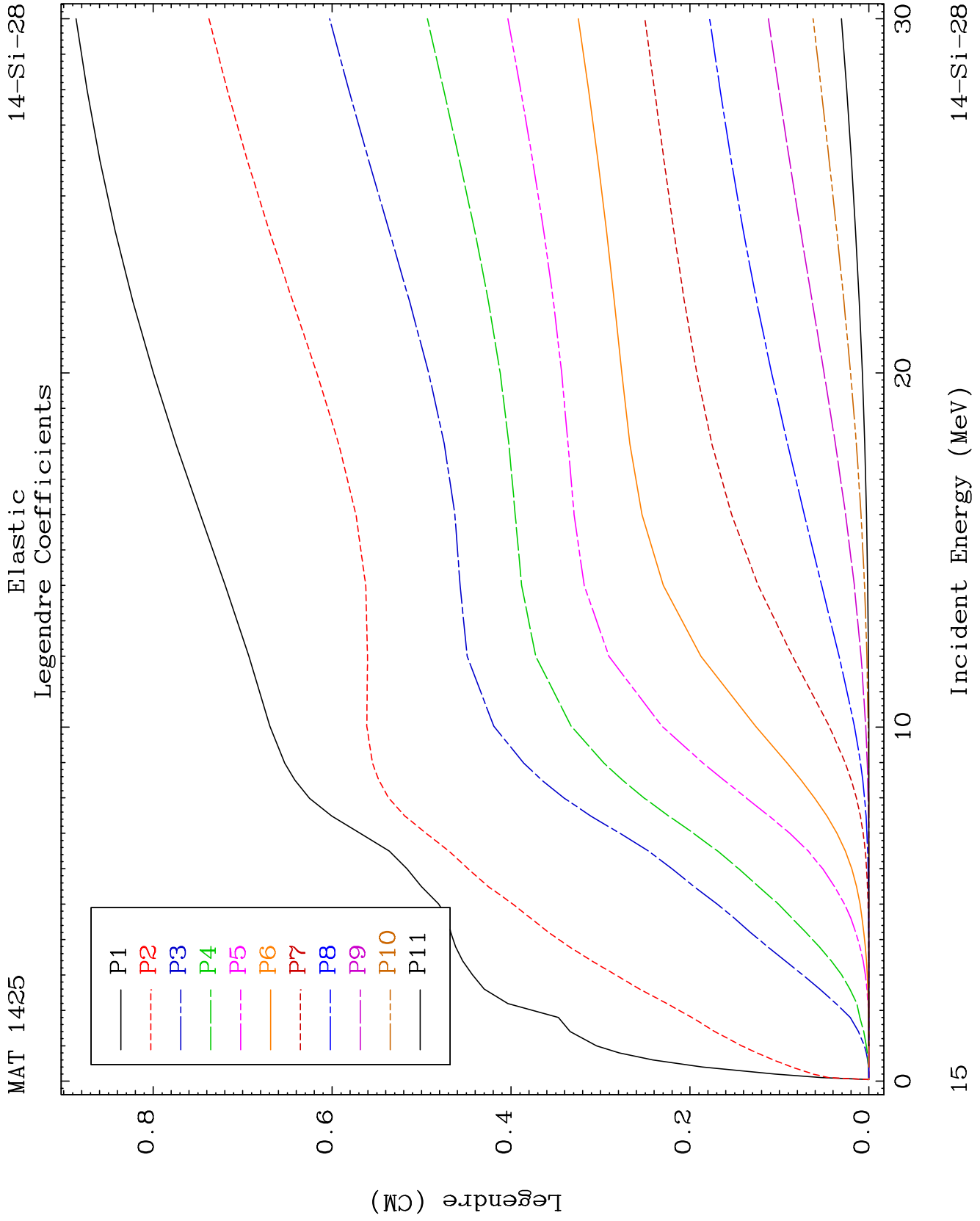


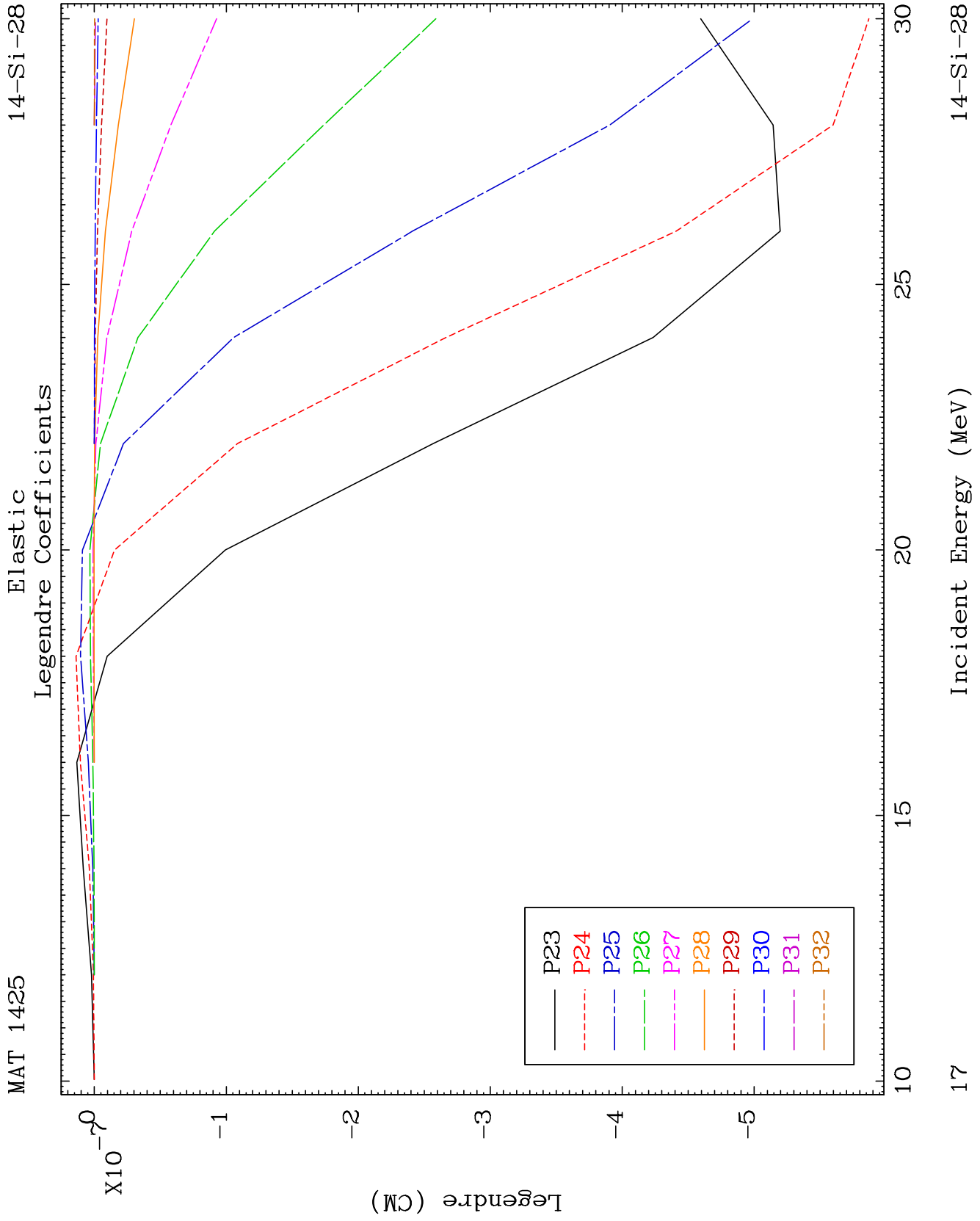
13

Incident Energy (MeV)

14-Si-28



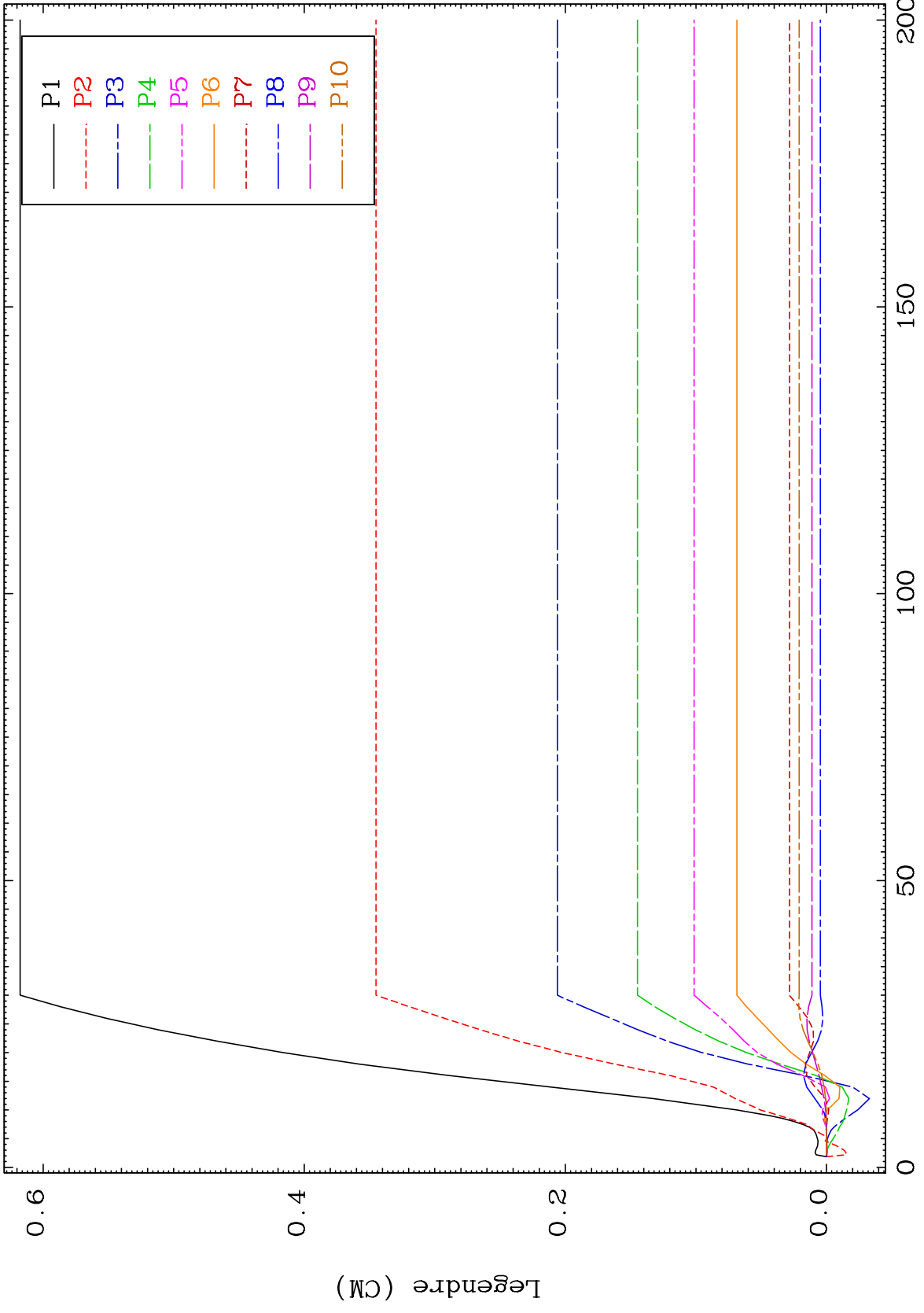




MAT 1425

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

14-Si-28



18

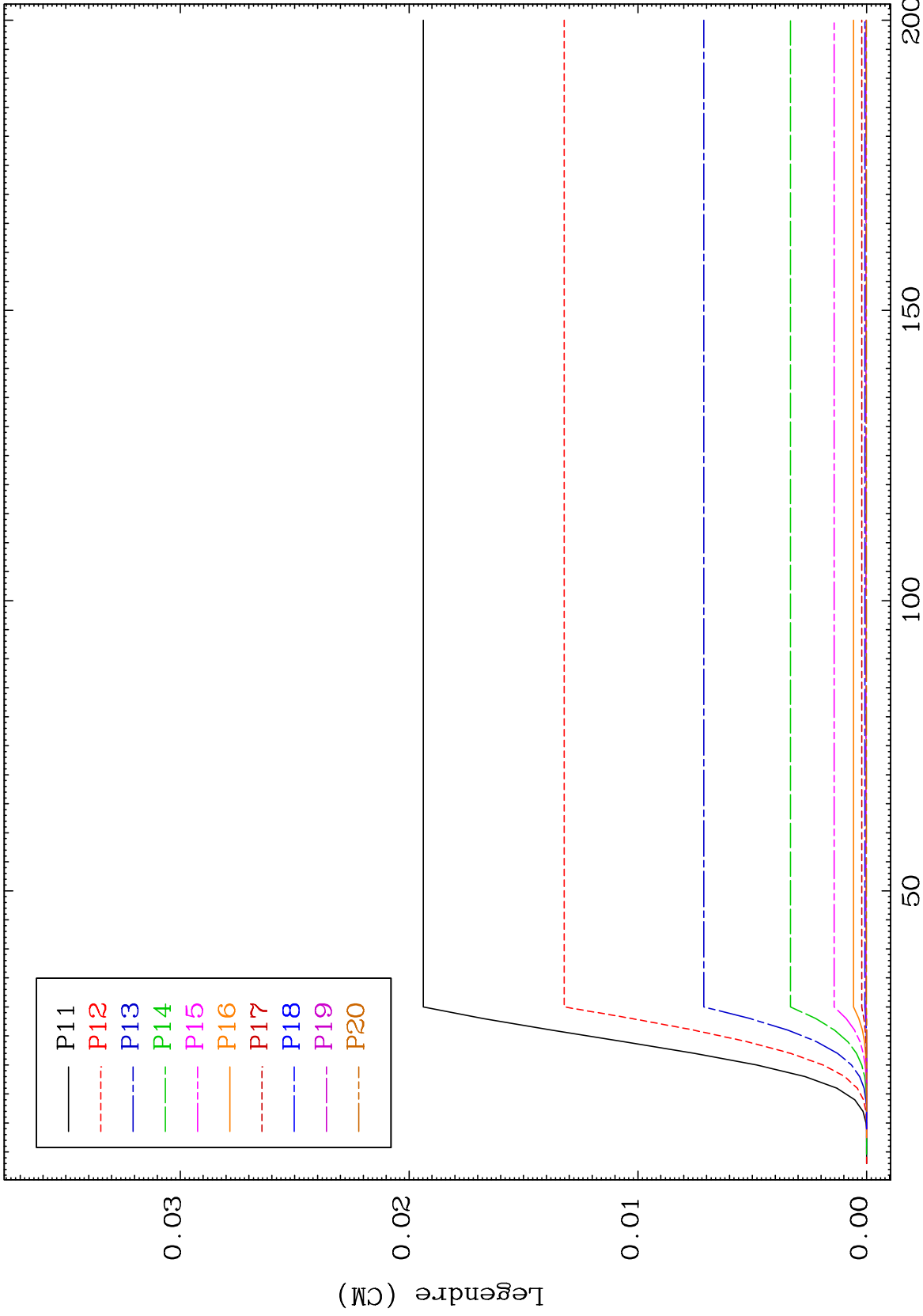
Incident Energy (MeV)

14-Si-28

MAT 1425

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

14-Si-28



19

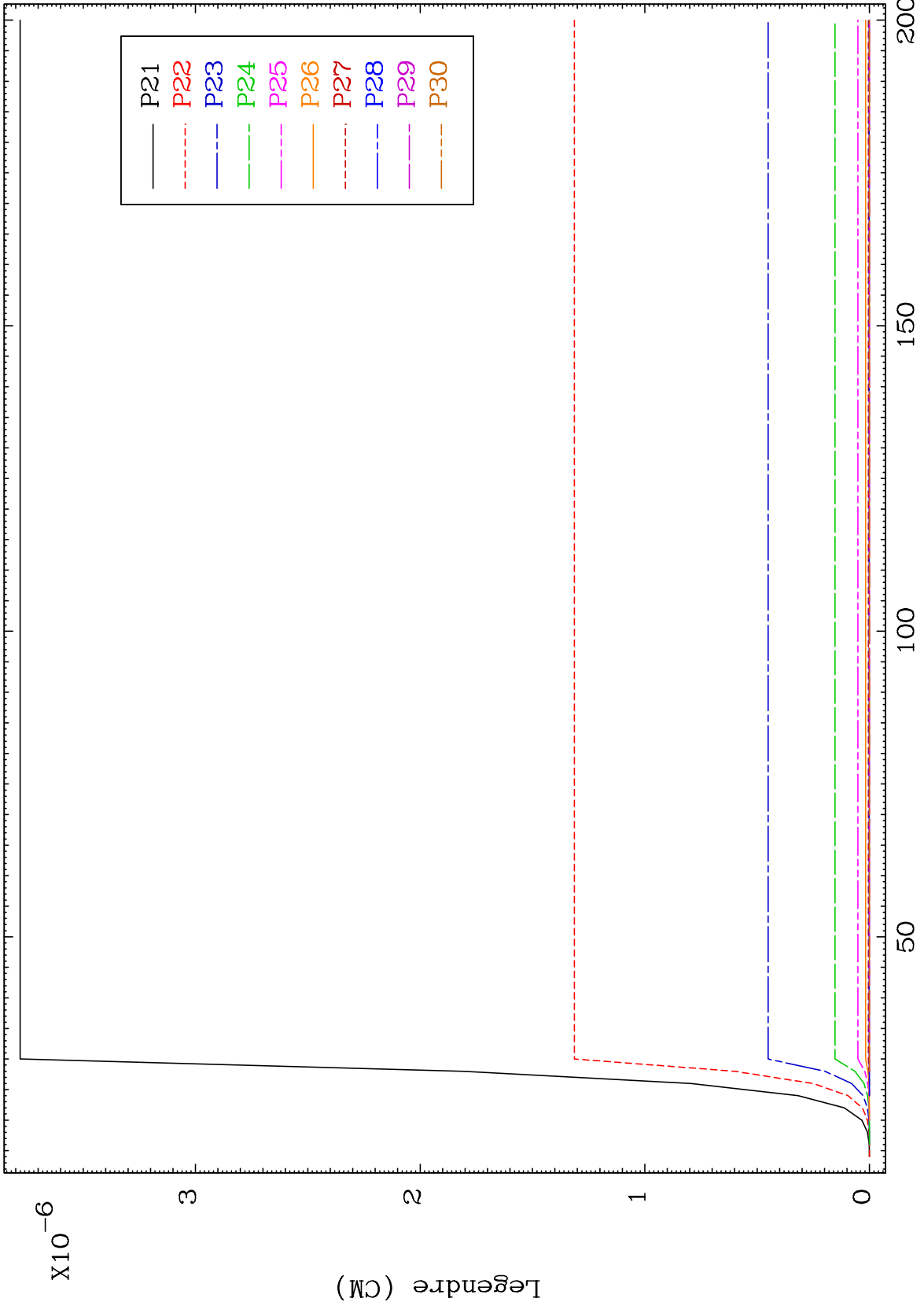
Incident Energy (MeV)

14-Si-28

MAT 1425

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

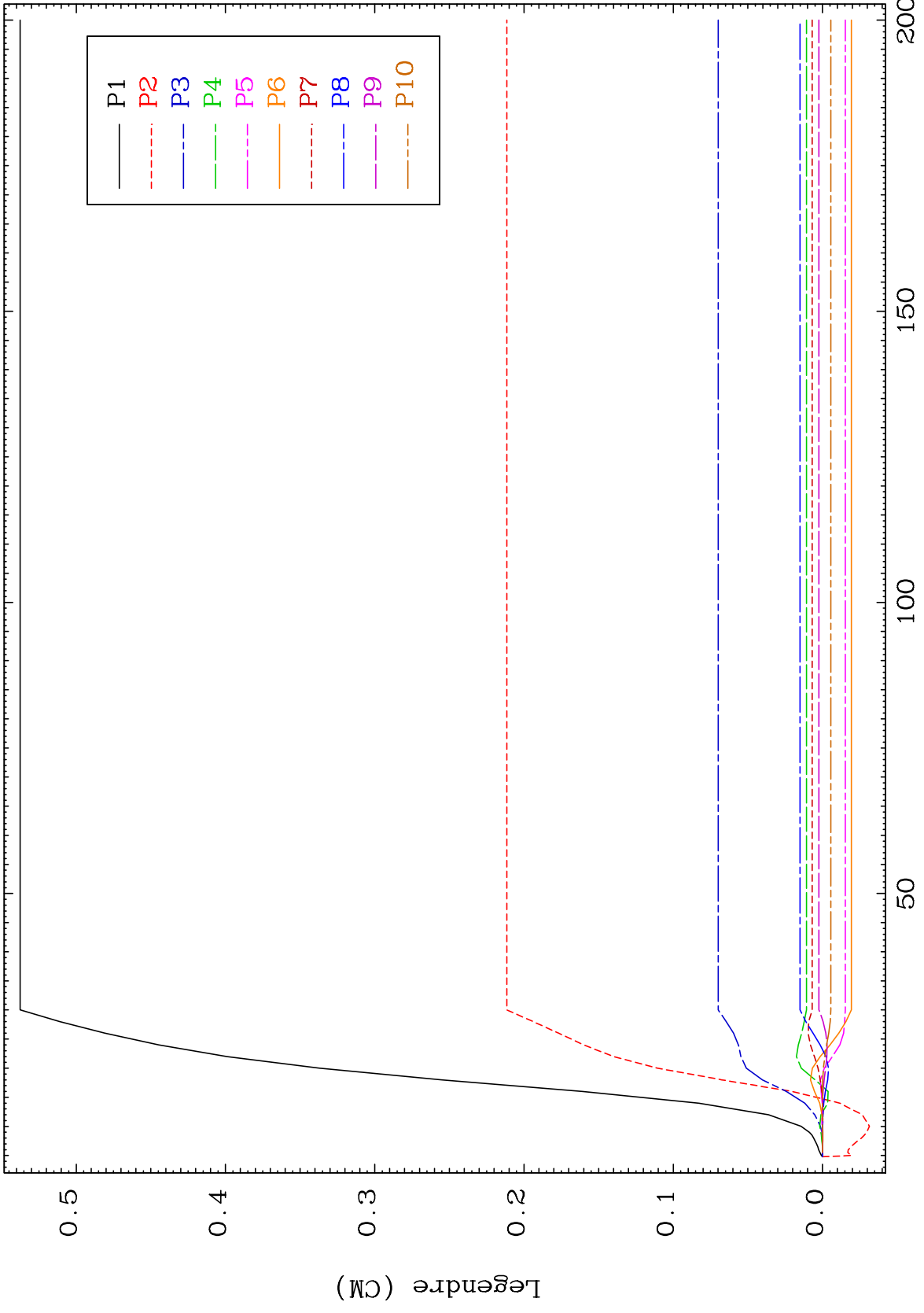
14-Si-28



MAT 1425

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

14-Si-28

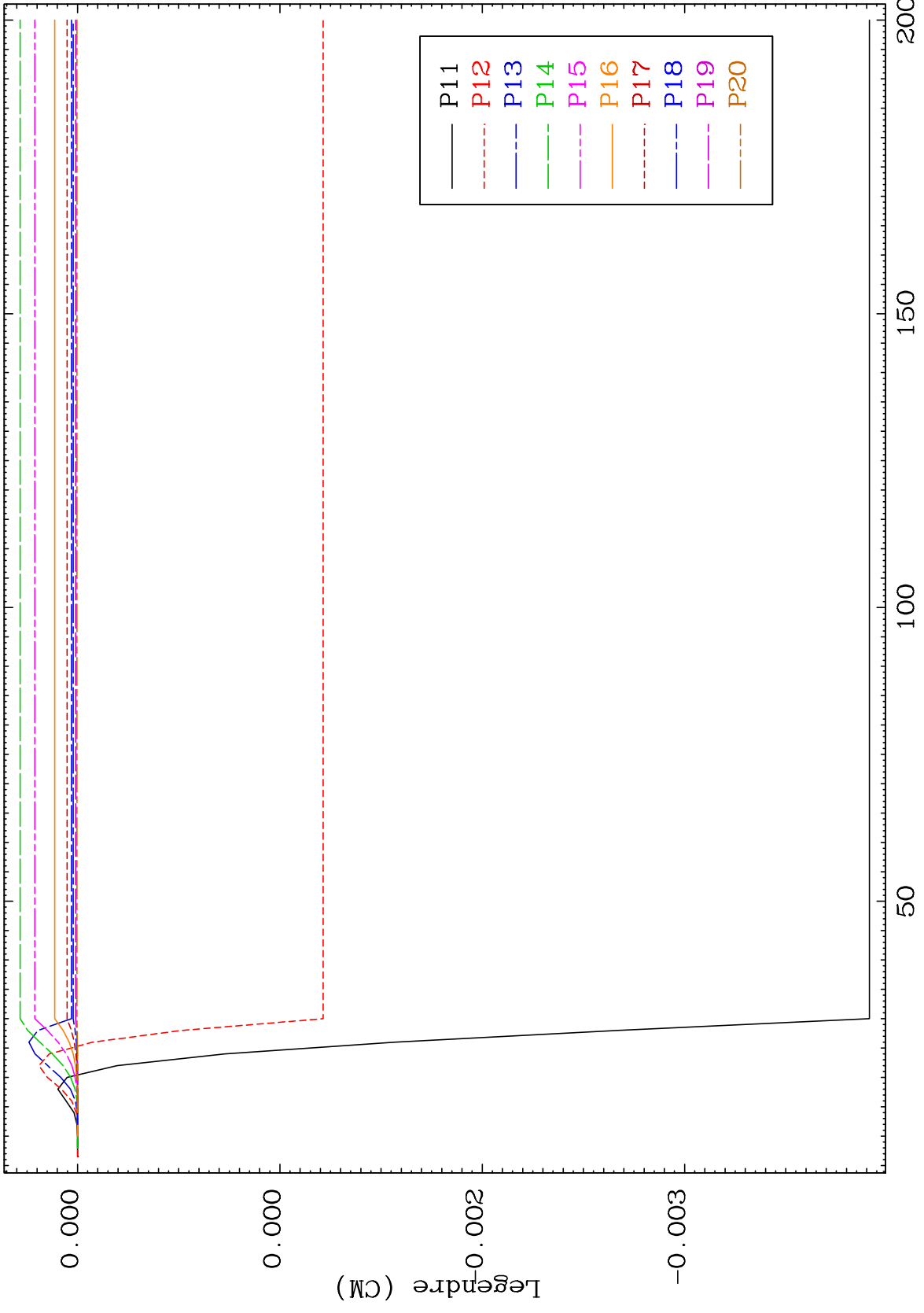


21

Incident Energy (MeV)

14-Si-28

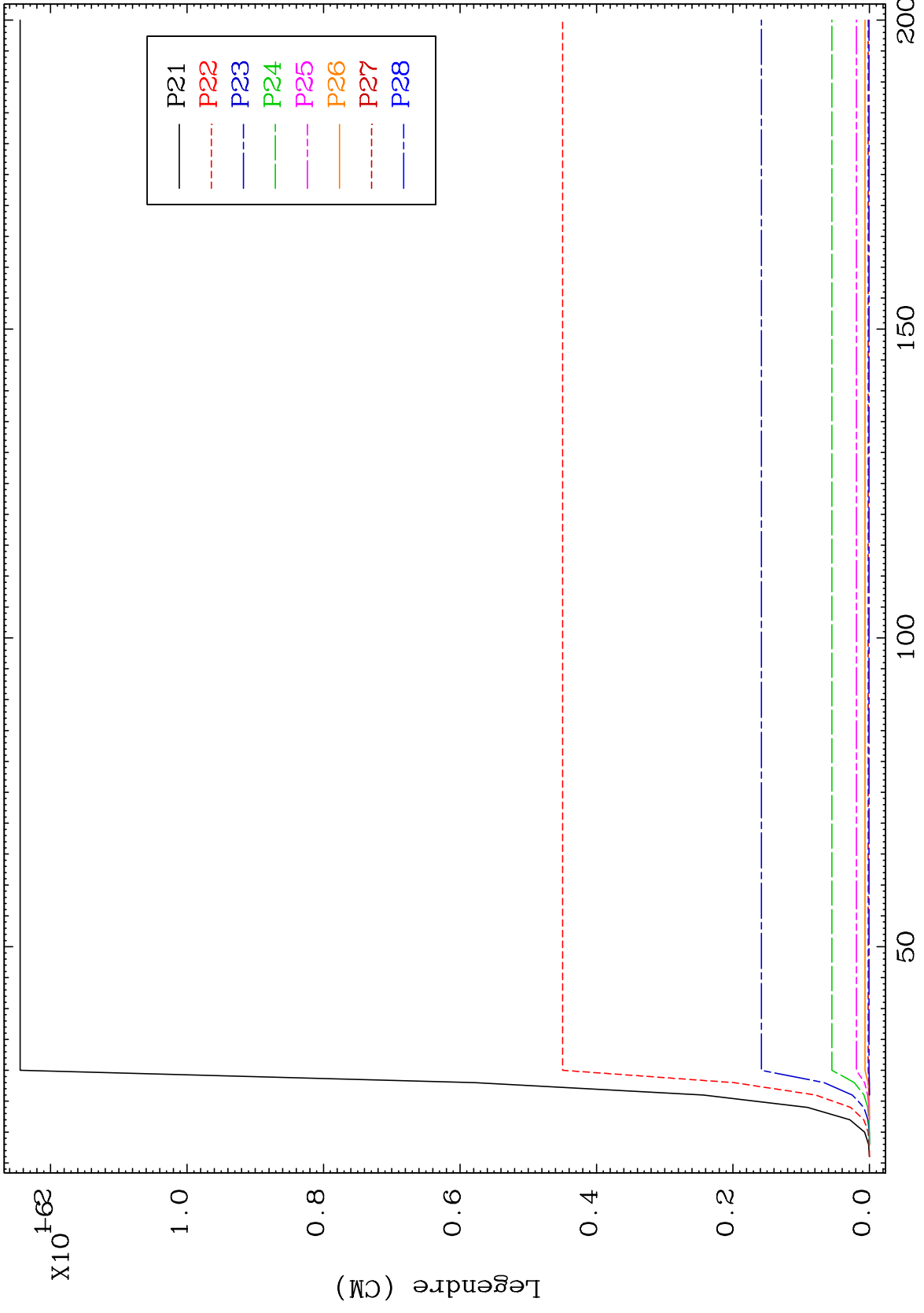
MAT 1425 MT= 52 (n,n') Level Legendre Coefficients 14-Si-28



MAT 1425

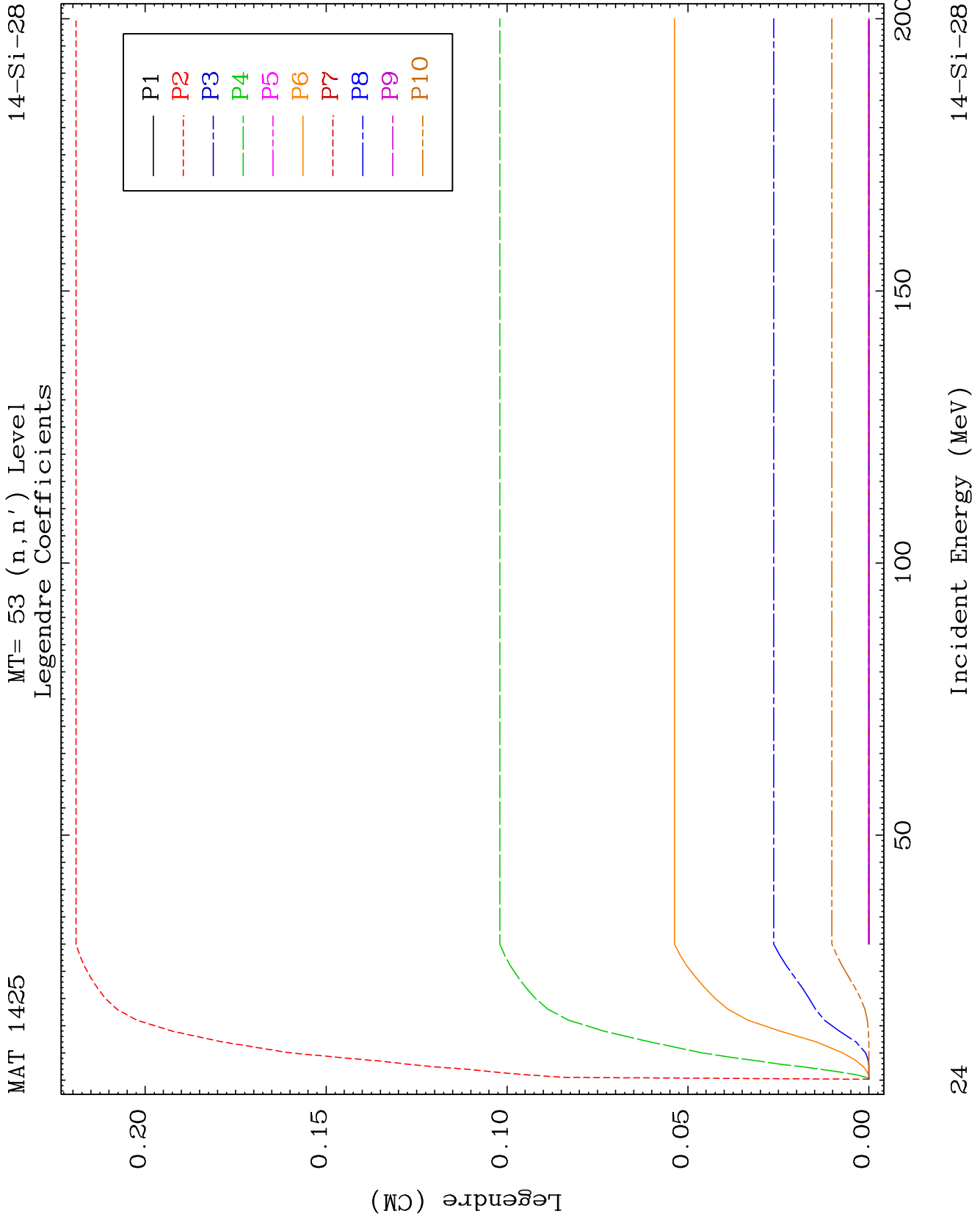
MT= 52 (n,n') Level
Legendre Coefficients

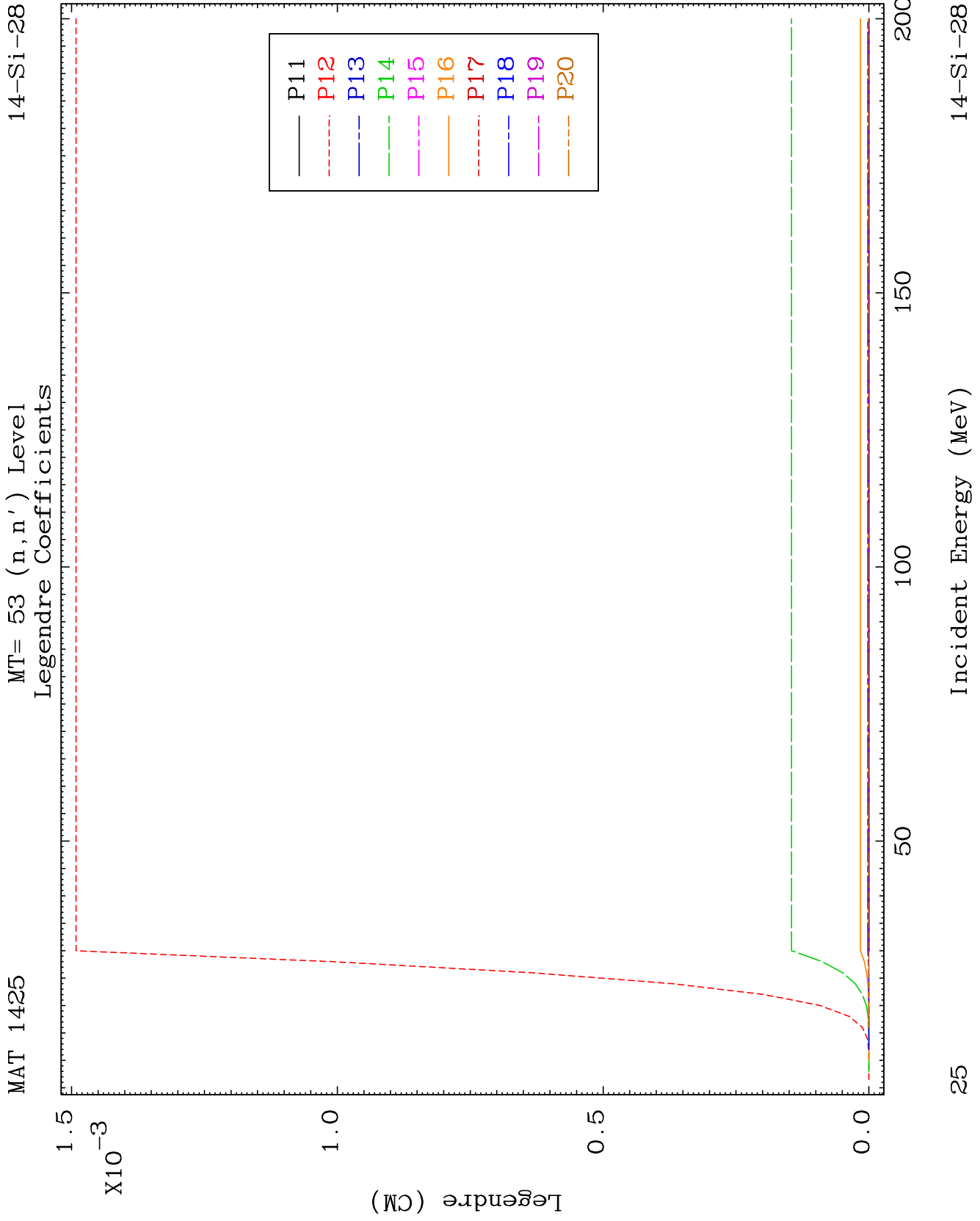
14-Si-28



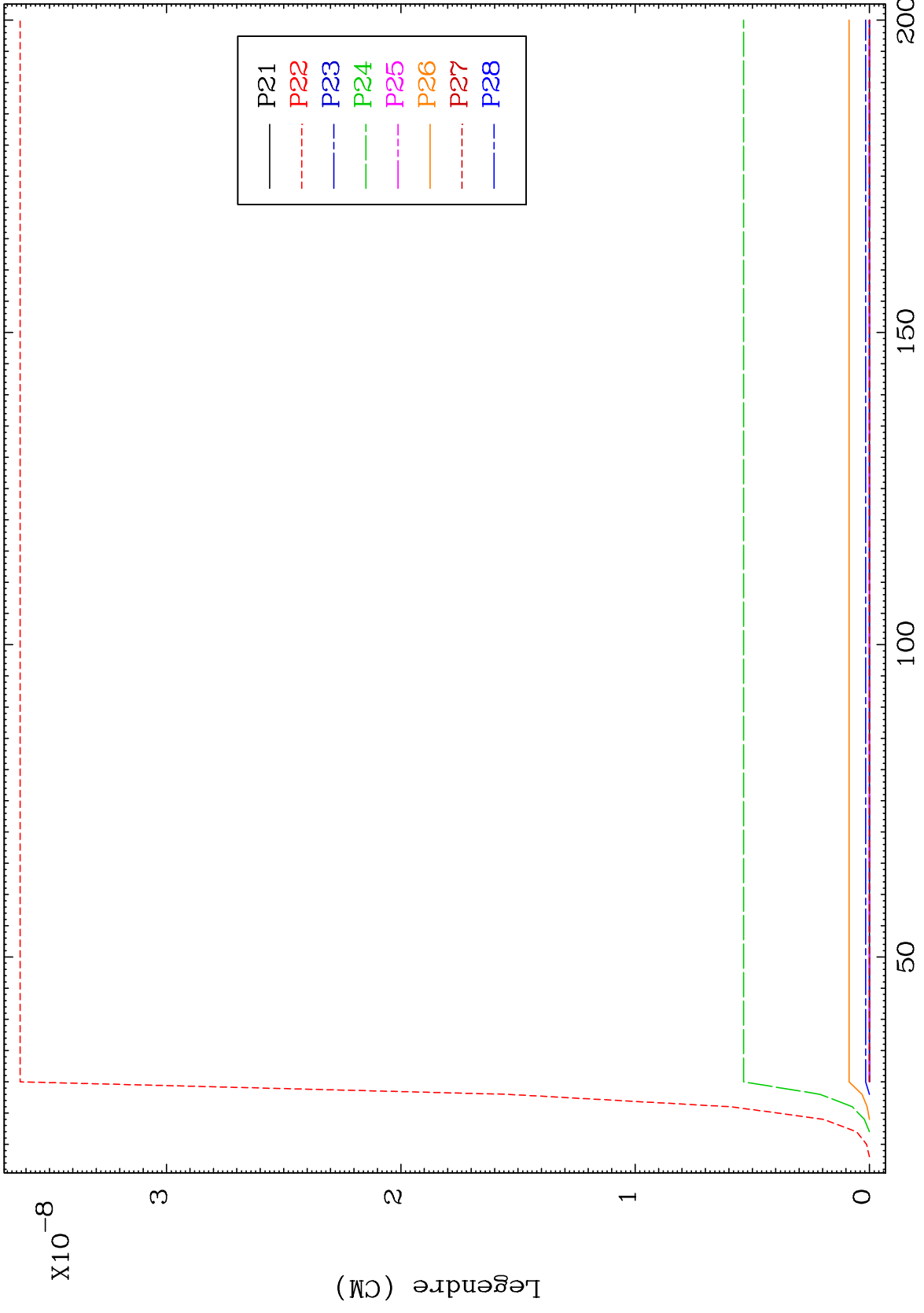
23

14-Si-28





MAT 1425 MT= 53 (n,n') Level Legendre Coefficients 14-Si-28



14-Si-28

Incident Energy (MeV)

26

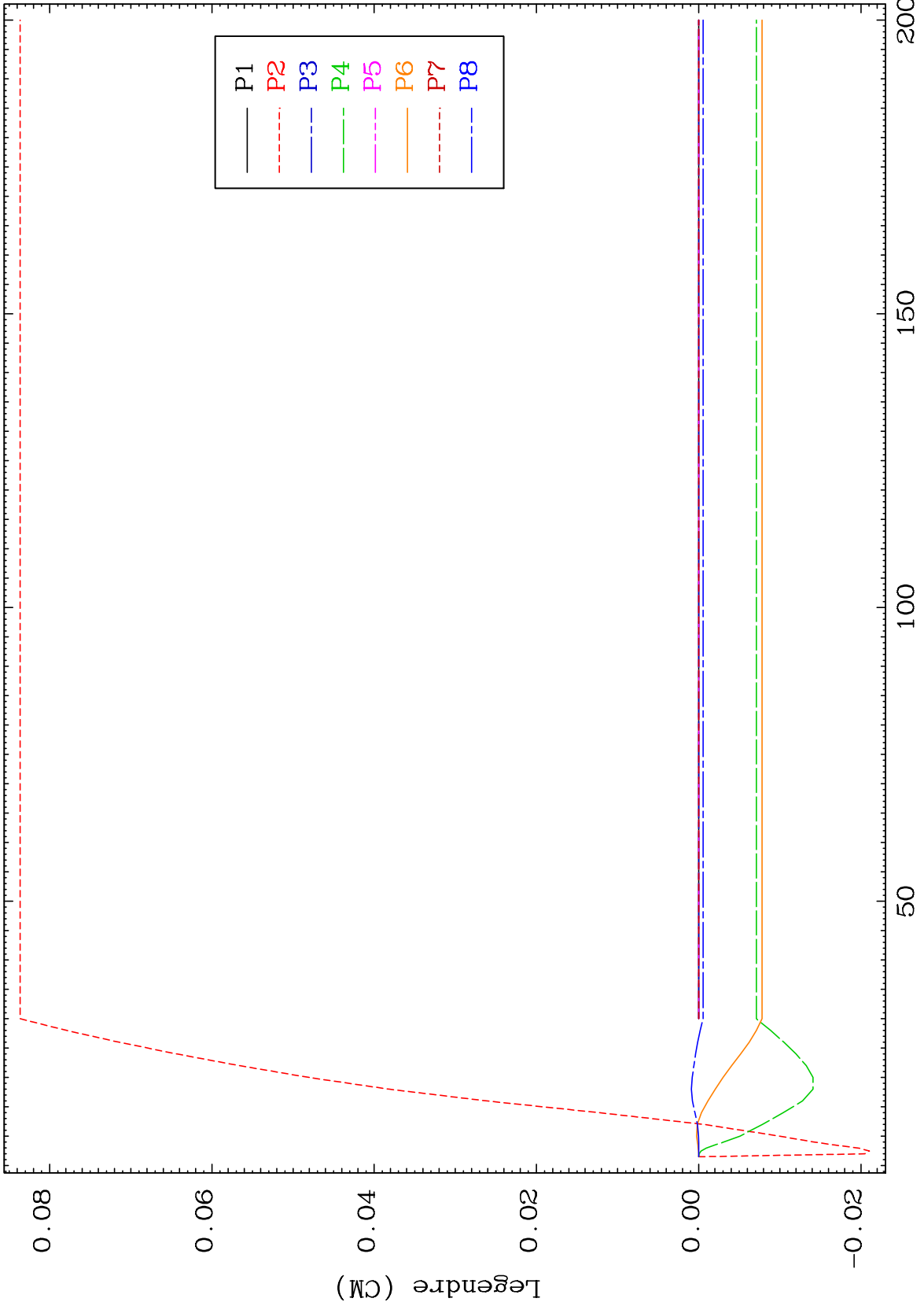
200

150

100

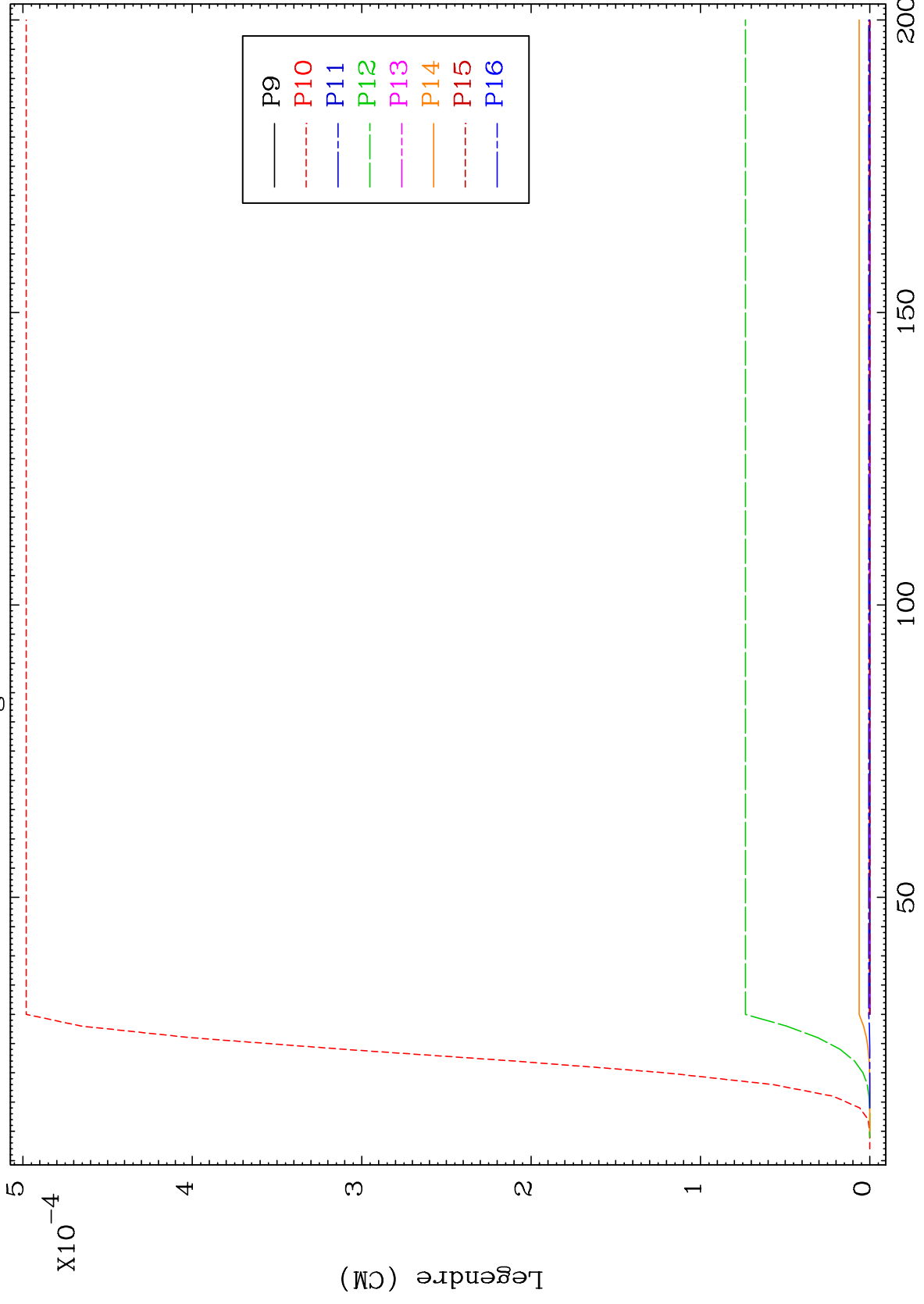
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MAT 1425 MT= 54 (n,n') Level Legendre Coefficients 14-Si-28



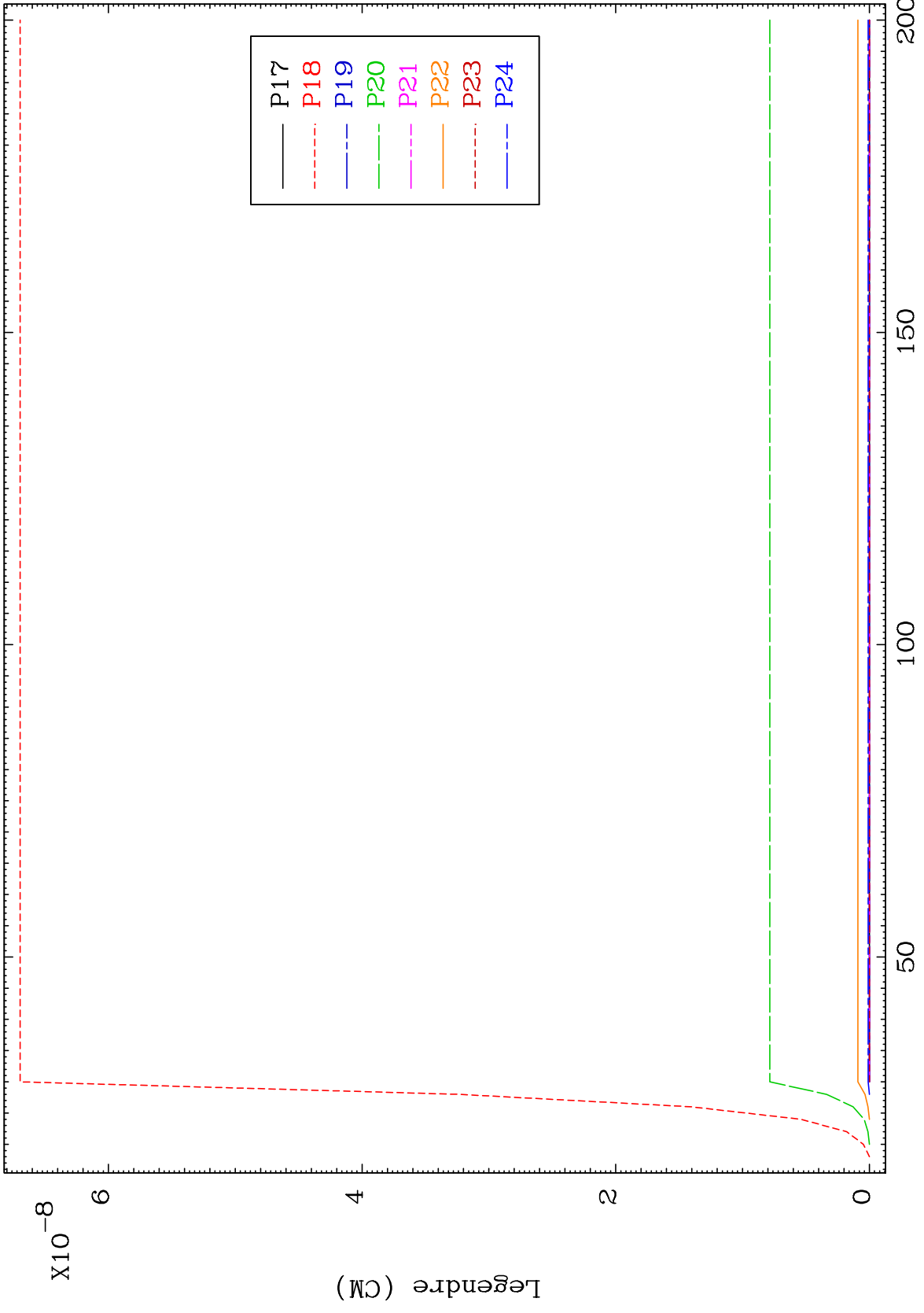
27 50 100 150 200 14-Si-28

MAT 1425 MT= 54 (n,n') Level Legendre Coefficients 14-Si-28



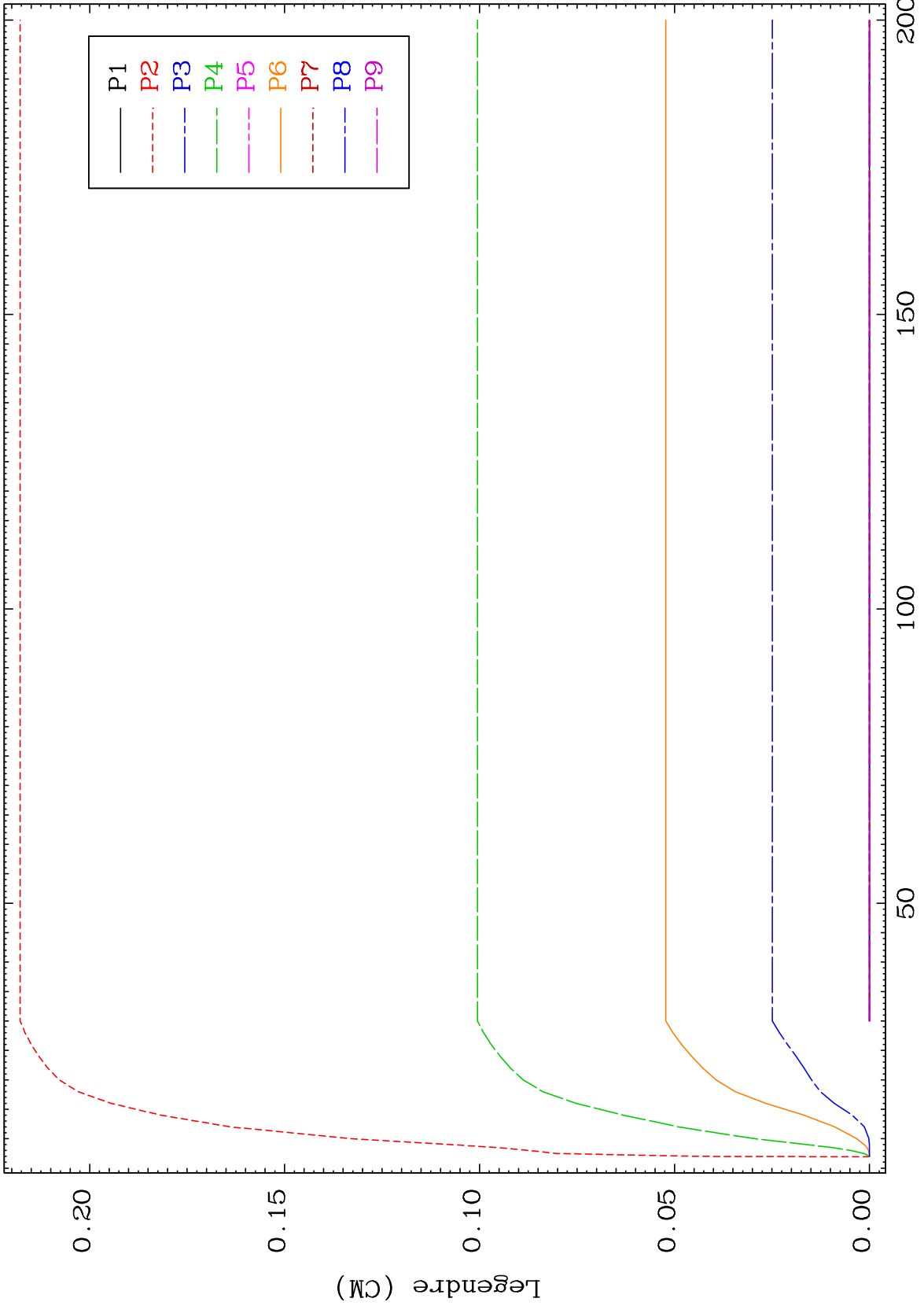
28 50 100 150 200 14-Si-28

MAT 1425 MT= 54 (n,n') Level Legendre Coefficients 14-Si-28



29 50 100 150 200 14-Si-28

MAT 1425 MT= 55 (n,n') Level Legendre Coefficients 14-Si-28

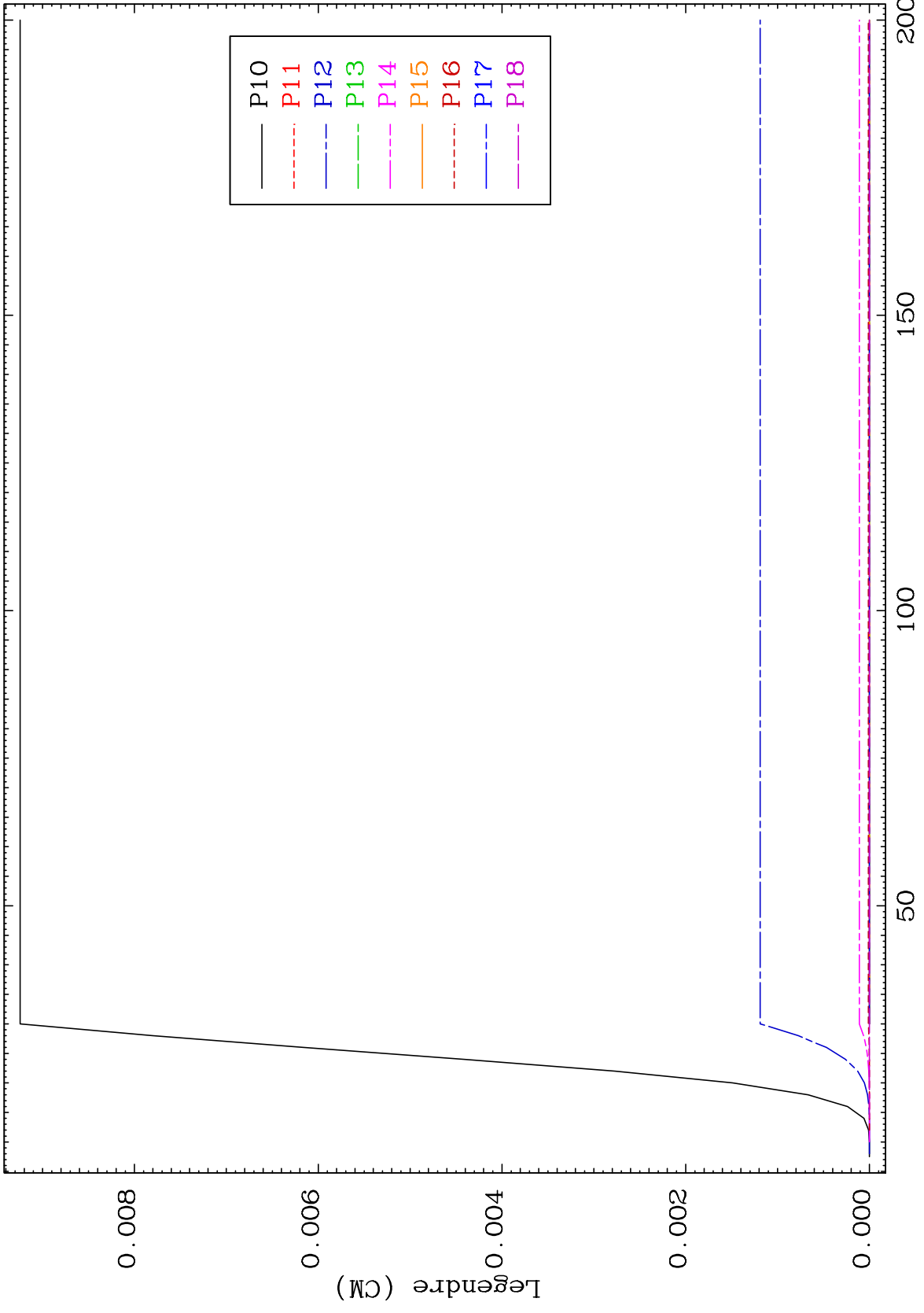


14-Si-28

MAT 1425

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

14-Si-28

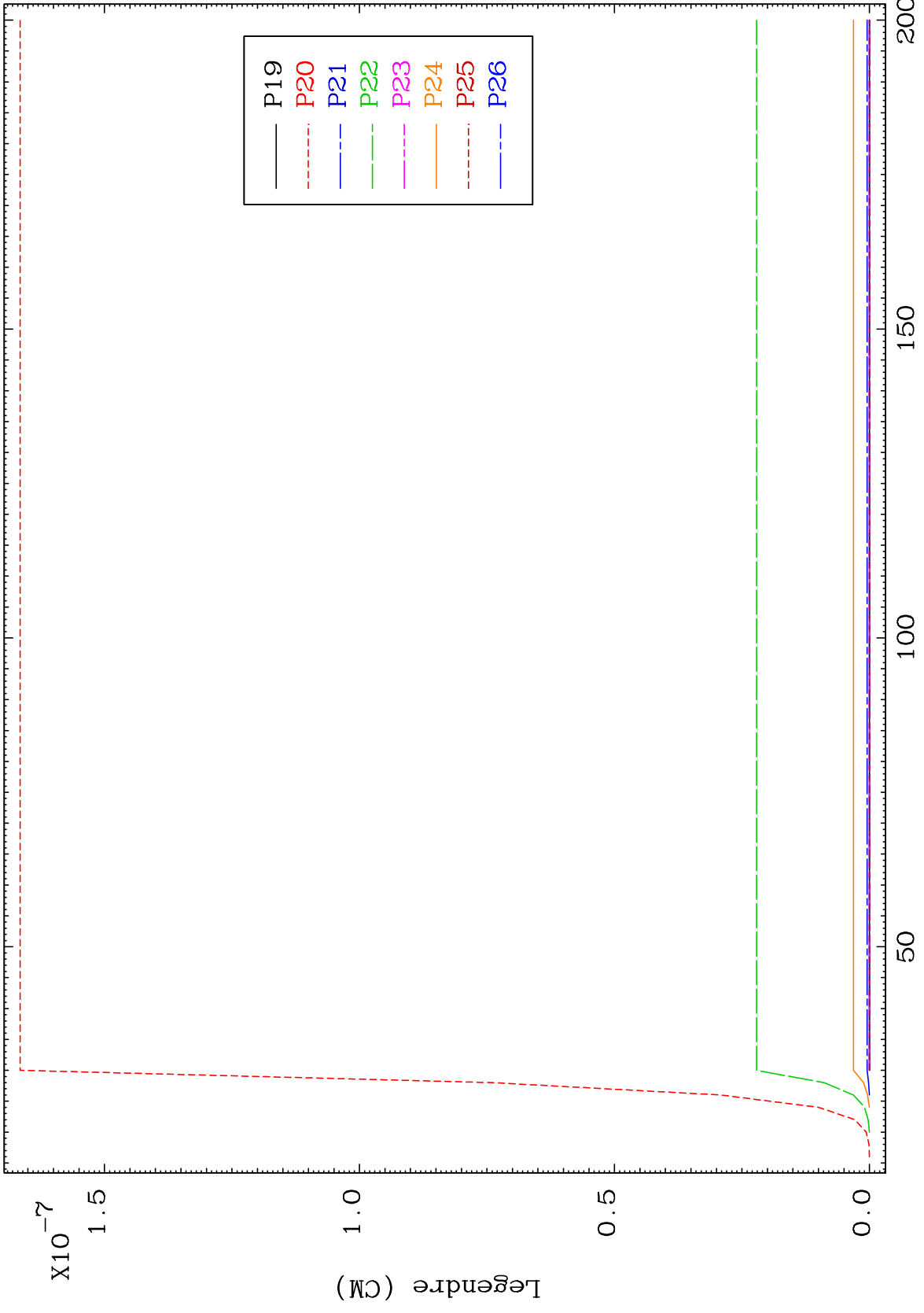


31

Incident Energy (MeV)

14-Si-28

MAT 1425 MT= 55 (n,n') Level Legendre Coefficients 14-Si-28

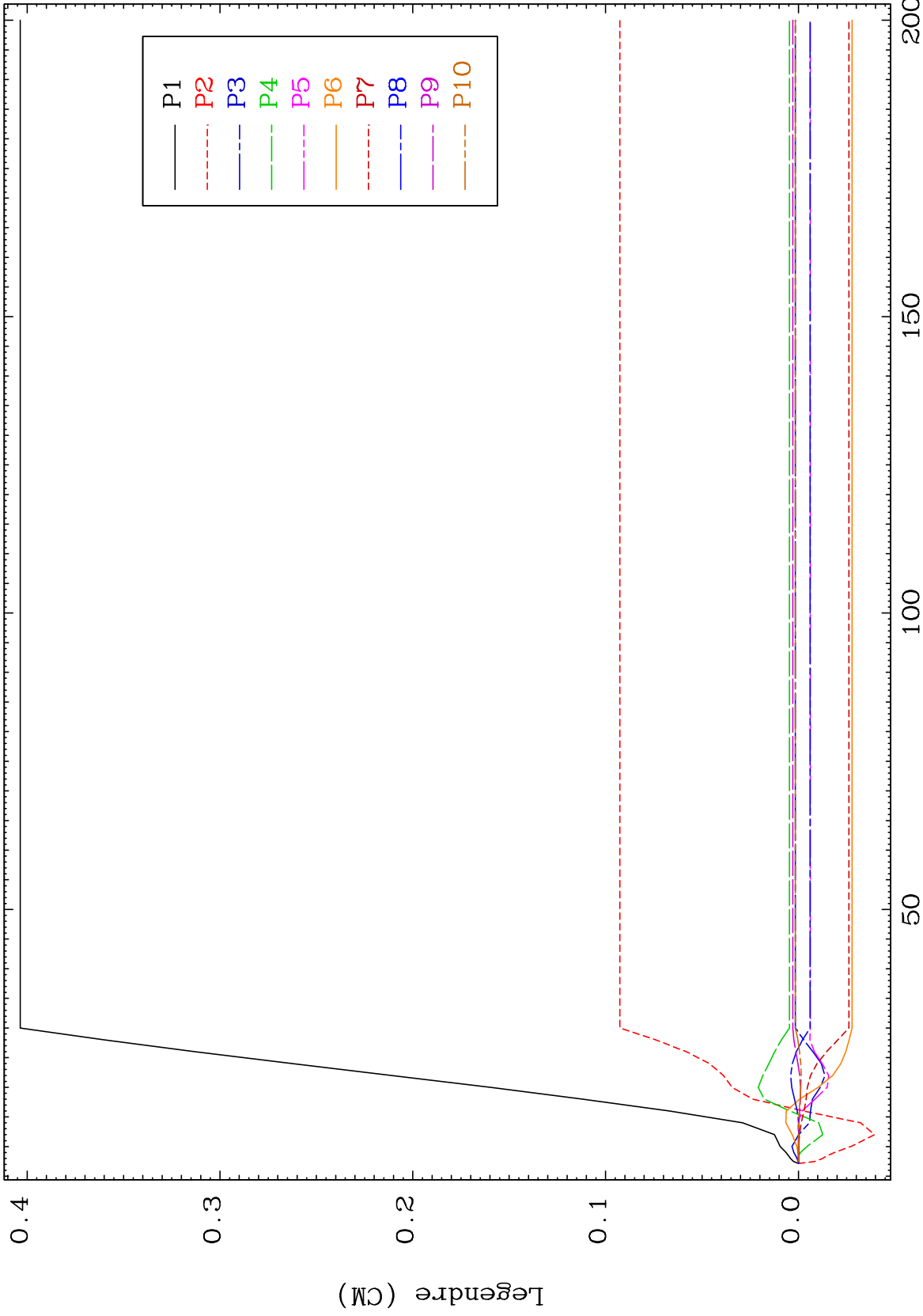


32 50 100 150 200 14-Si-28

MAT 1425

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

14-Si-28



33

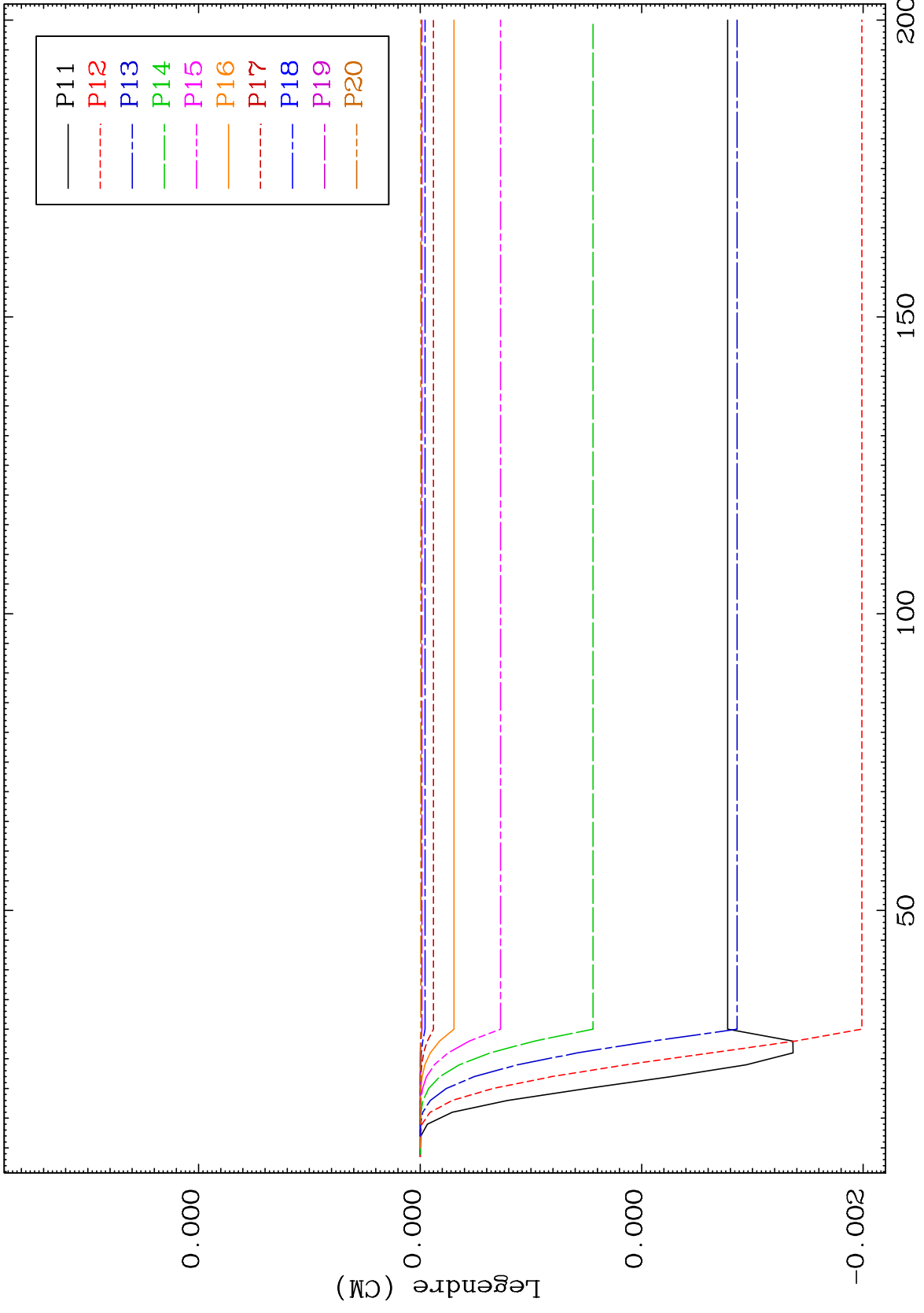
Incident Energy (MeV)

14-Si-28

MAT 1425

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

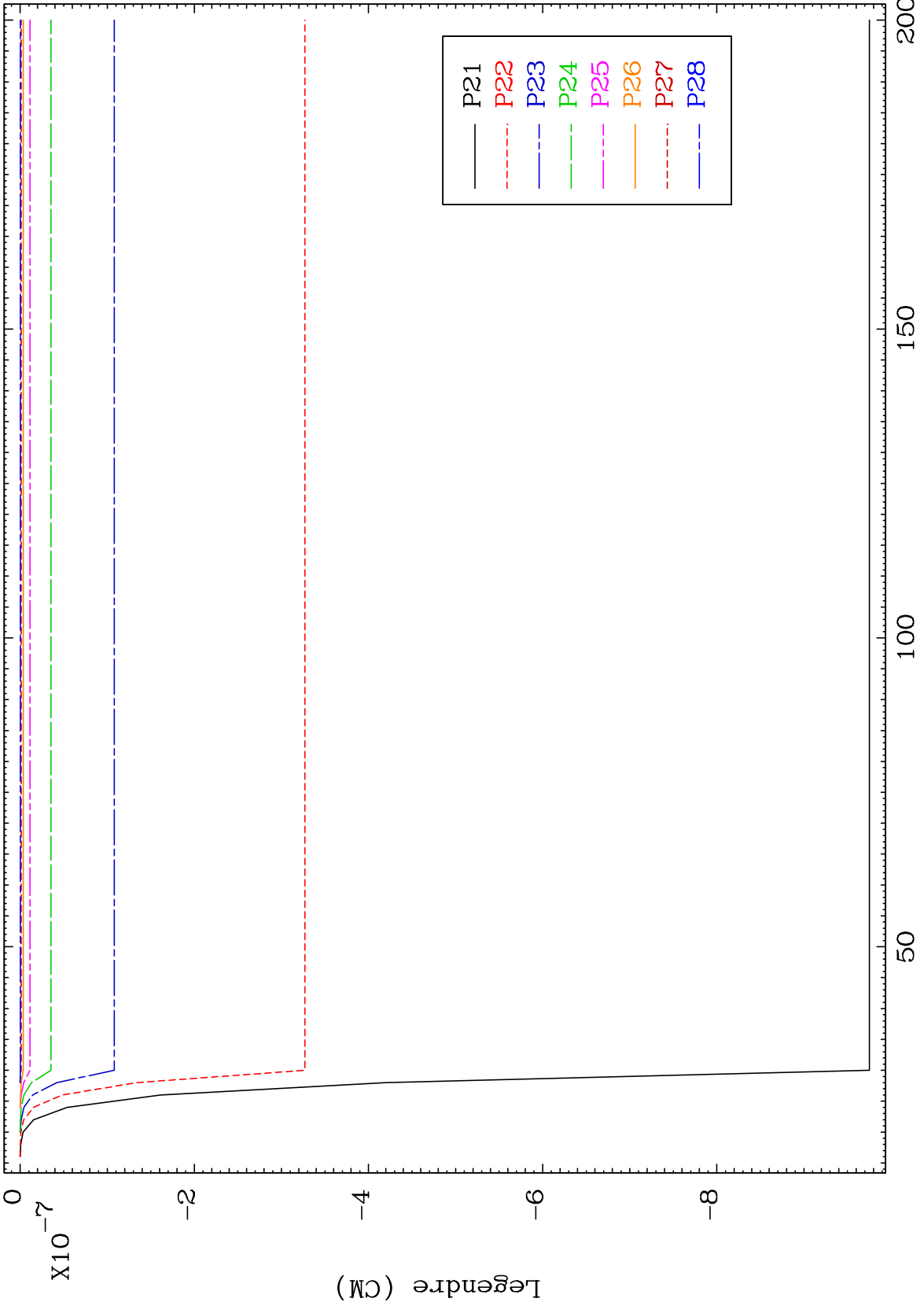
14-Si-28



34

14-Si-28

MAT 1425 MT= 56 (n,n') Level Legendre Coefficients 14-Si-28

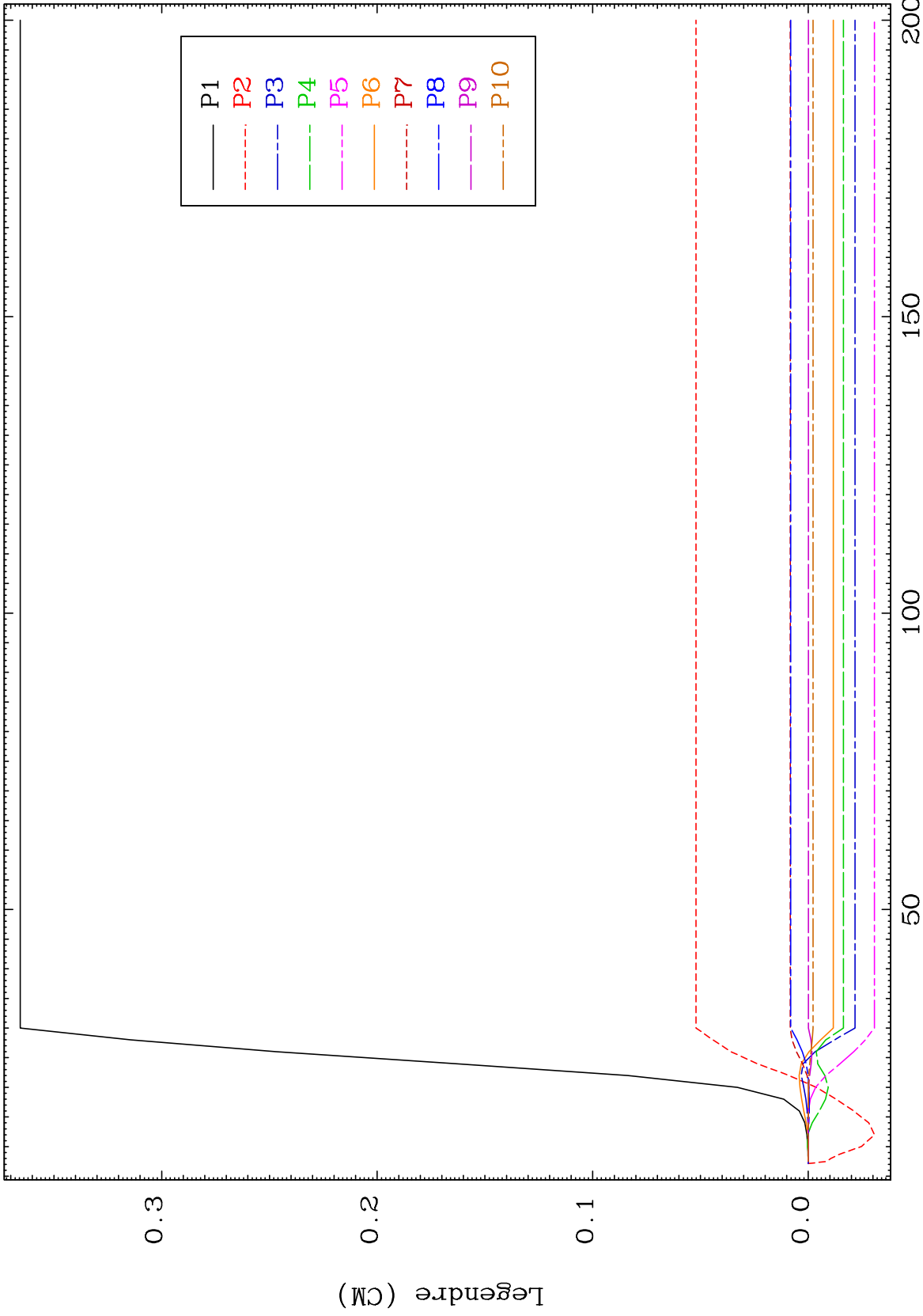


35 Incident Energy (MeV) 14-Si-28

MAT 1425

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

14-Si-28

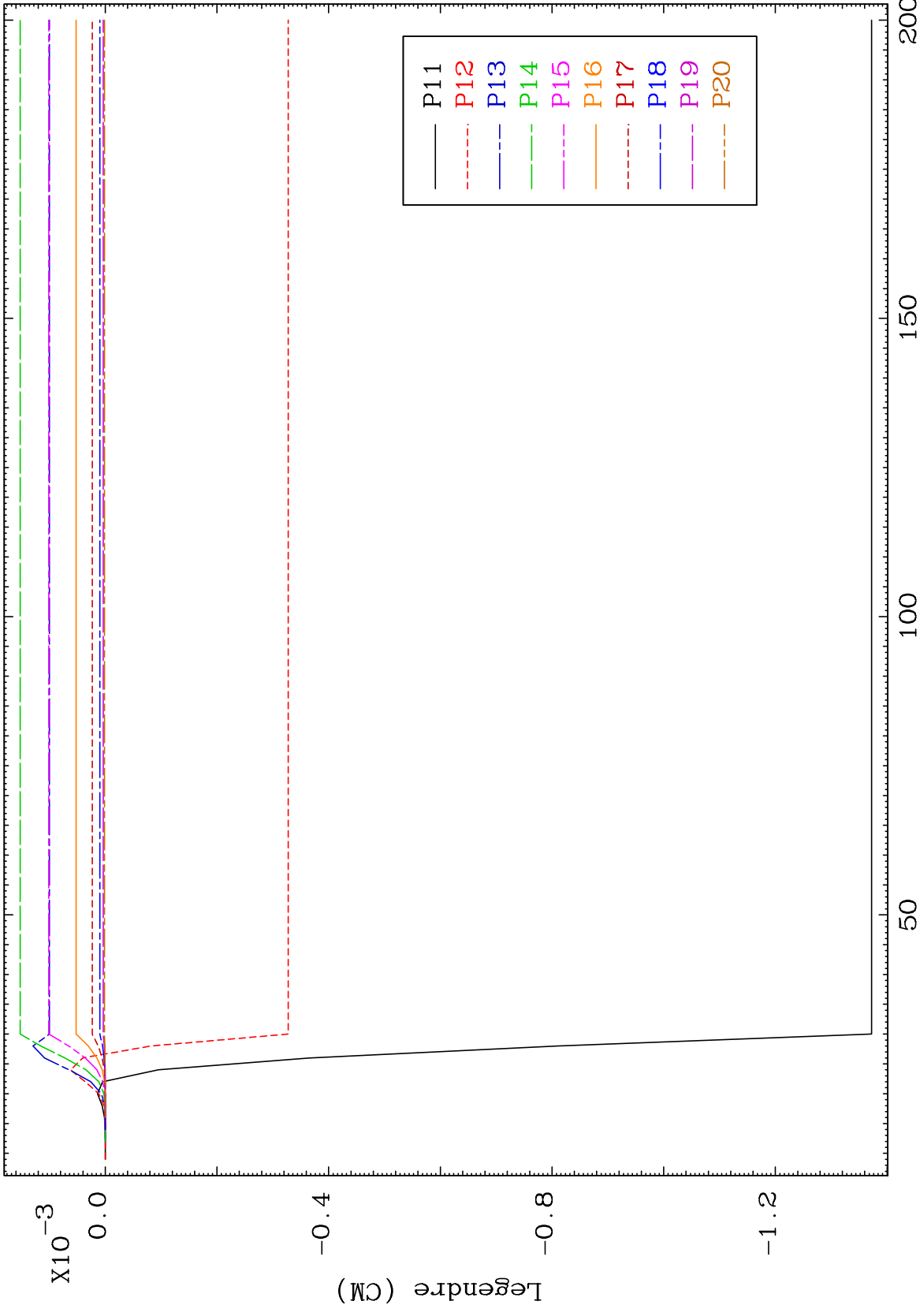


36

Incident Energy (MeV)

14-Si-28

MAT 1425 MT= 57 (n,n') Level Legendre Coefficients 14-Si-28

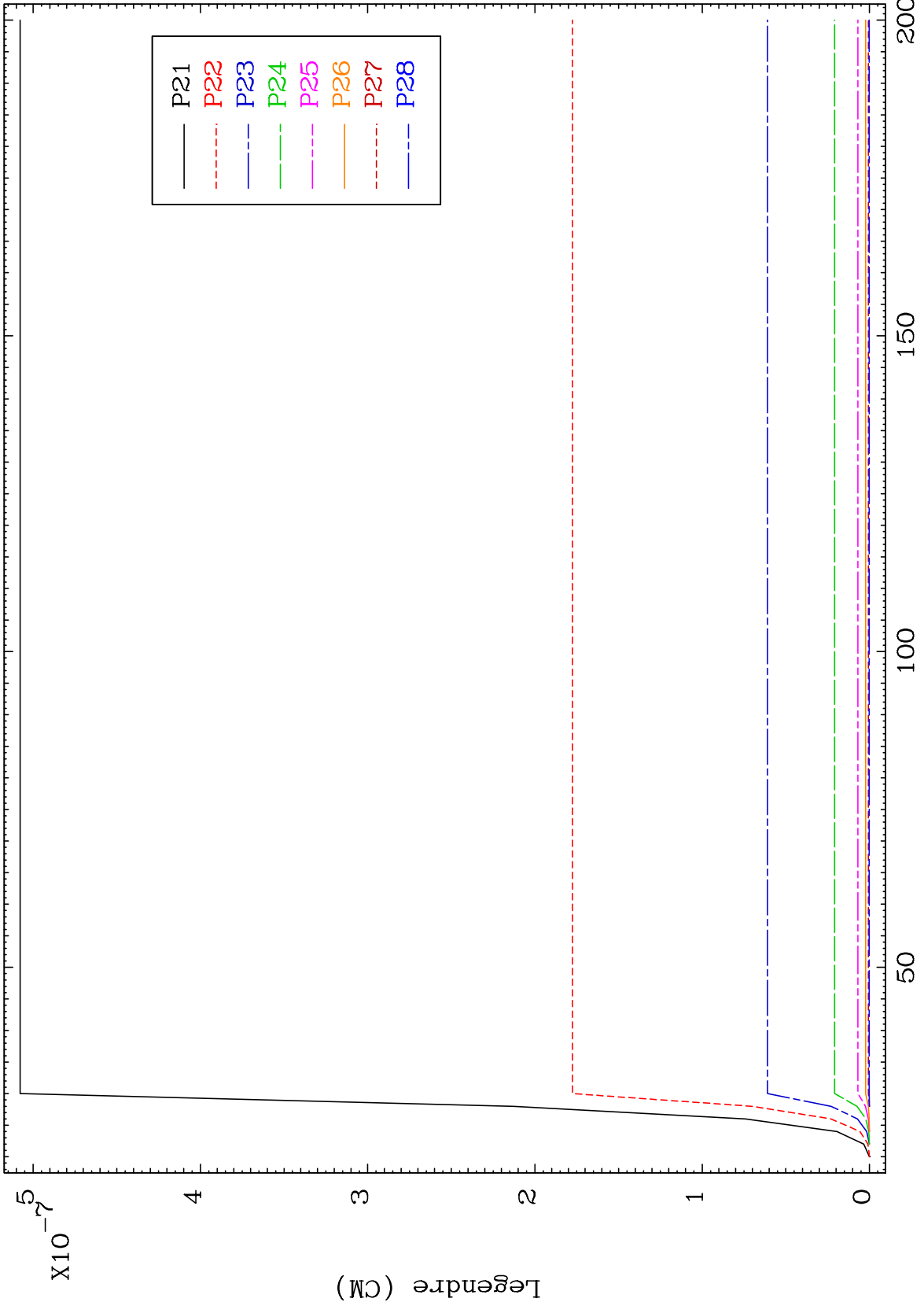


37 Incident Energy (MeV) 14-Si-28

MAT 1425

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

14-Si-28

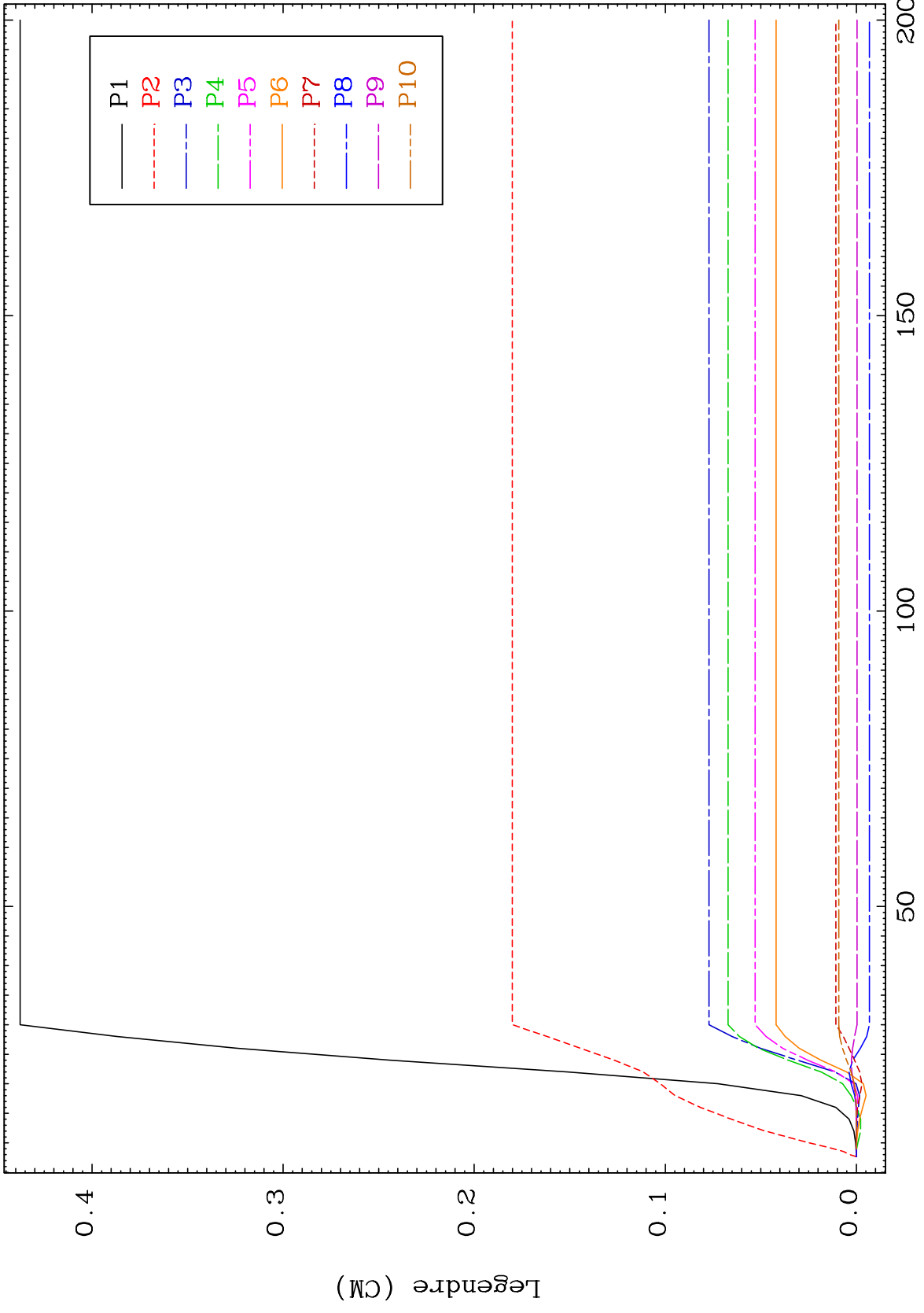


38

Incident Energy (MeV)

14-Si-28

MAT 1425 MT= 58 (n,n') Level Legendre Coefficients 14-Si-28

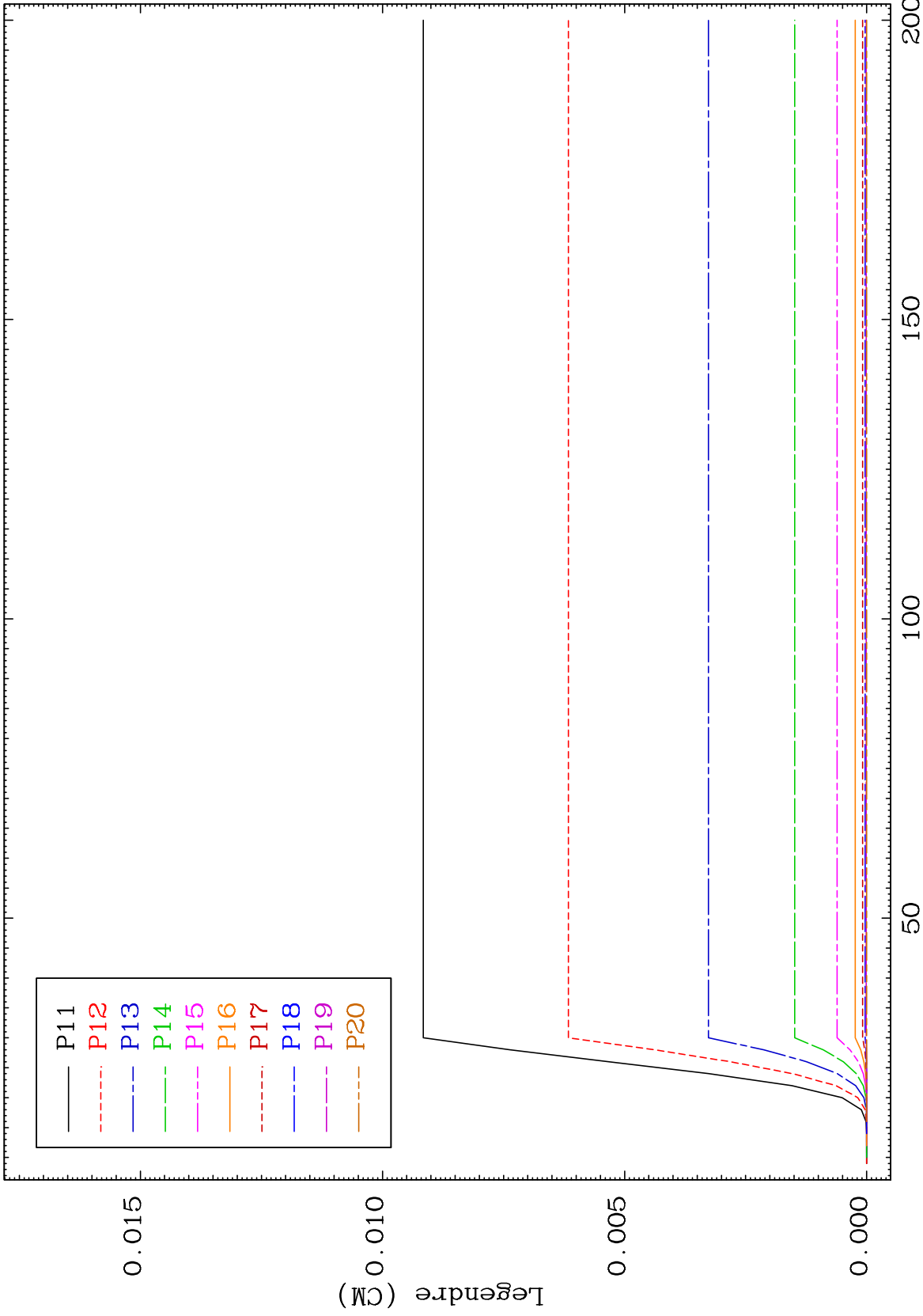


39 Incident Energy (MeV) 14-Si-28

MAT 1425

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

14-Si-28



40

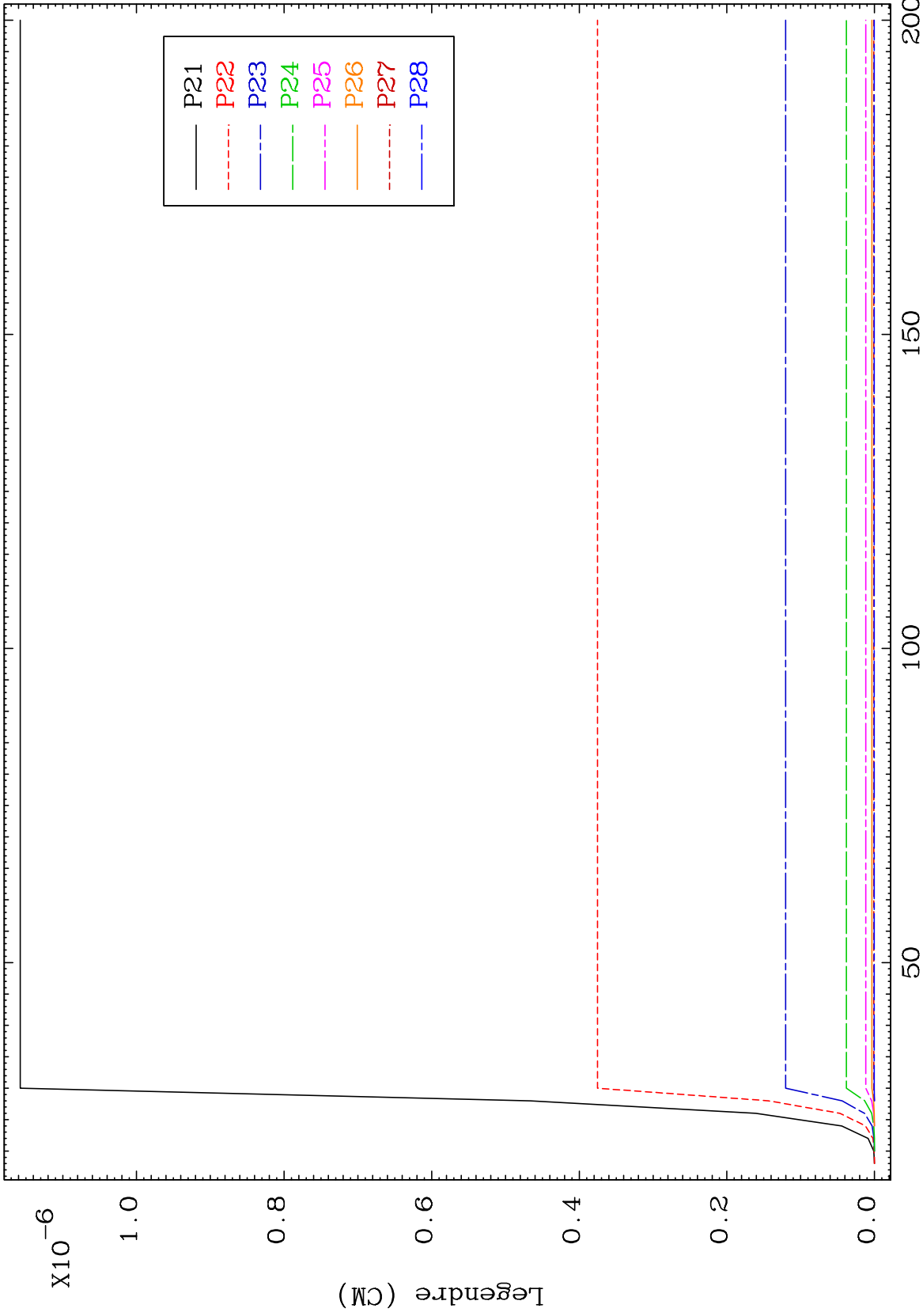
Incident Energy (MeV)

14-Si-28

MAT 1425

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

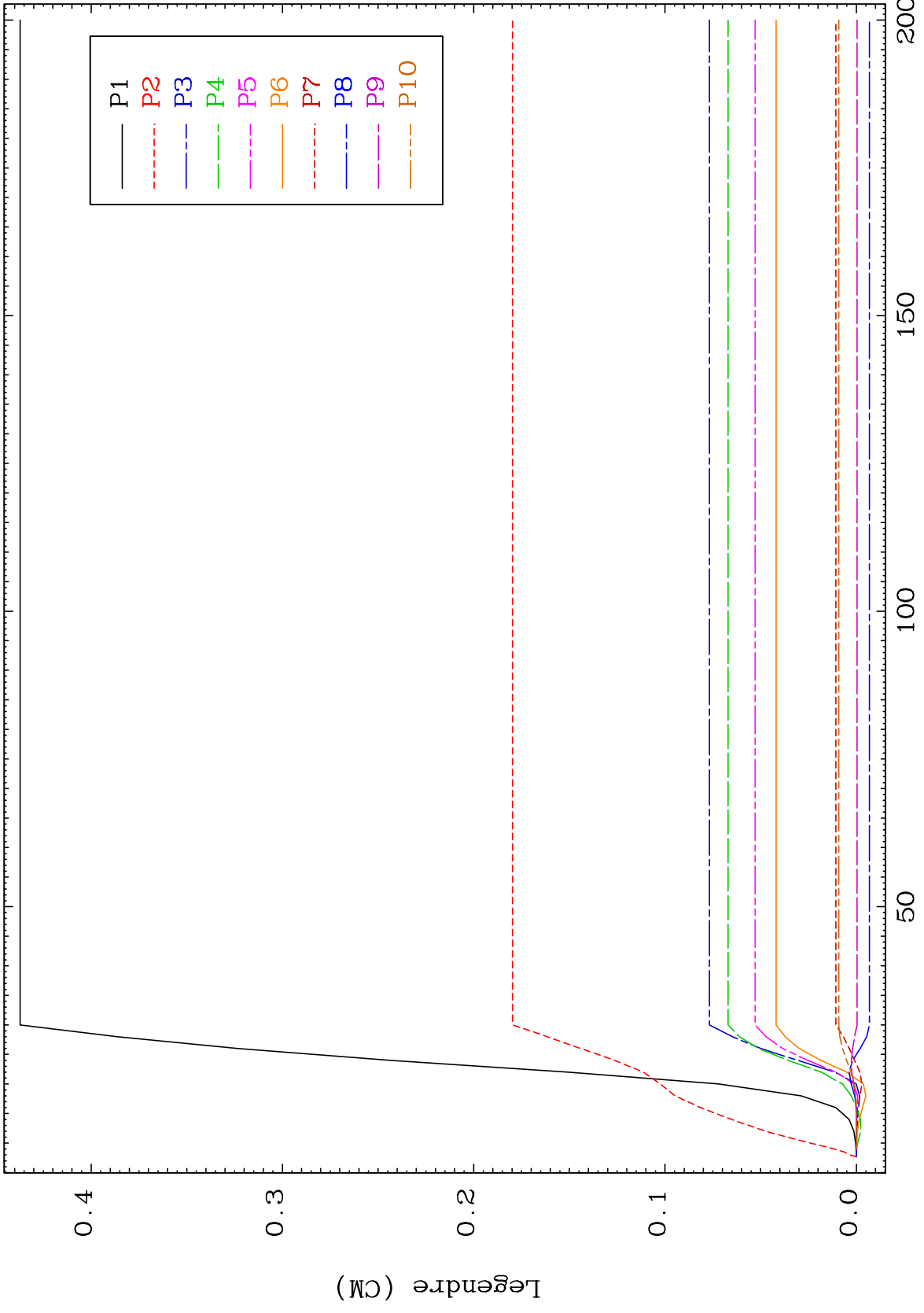
14-Si-28



MAT 1425

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

14-Si-28



42

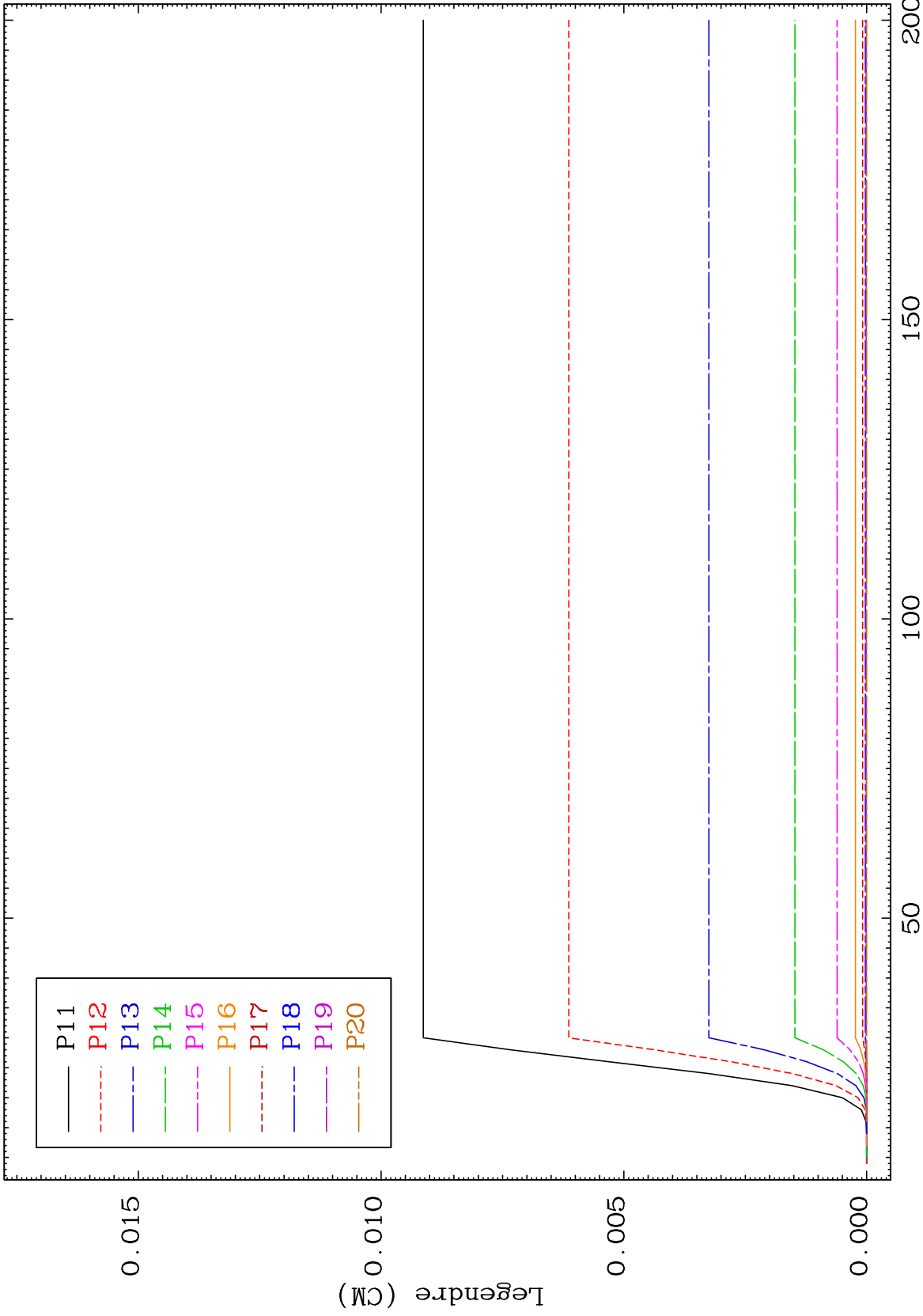
Incident Energy (MeV)

14-Si-28

MAT 1425

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

14-Si-28



43

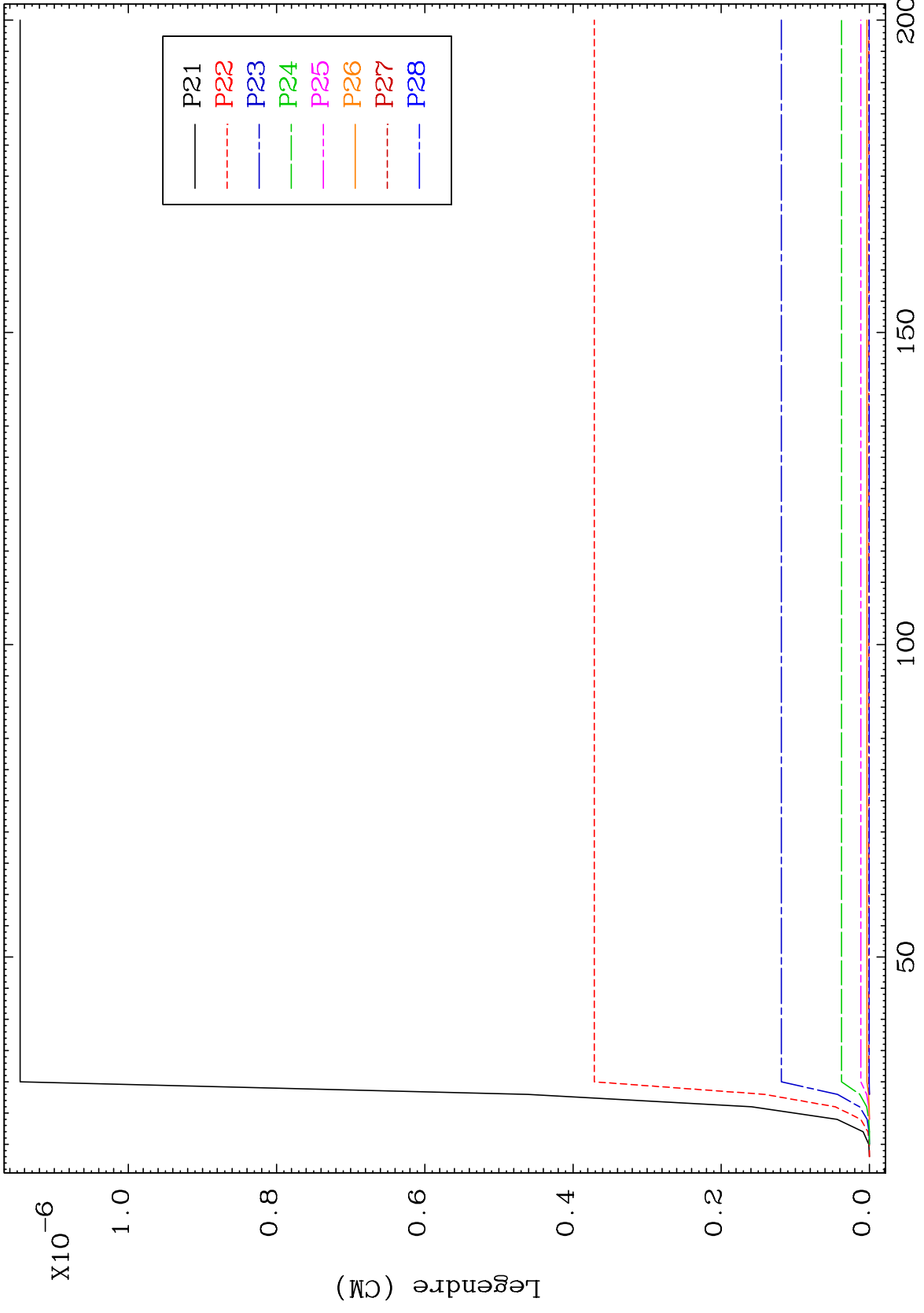
Incident Energy (MeV)

14-Si-28

MAT 1425

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

14-Si-28

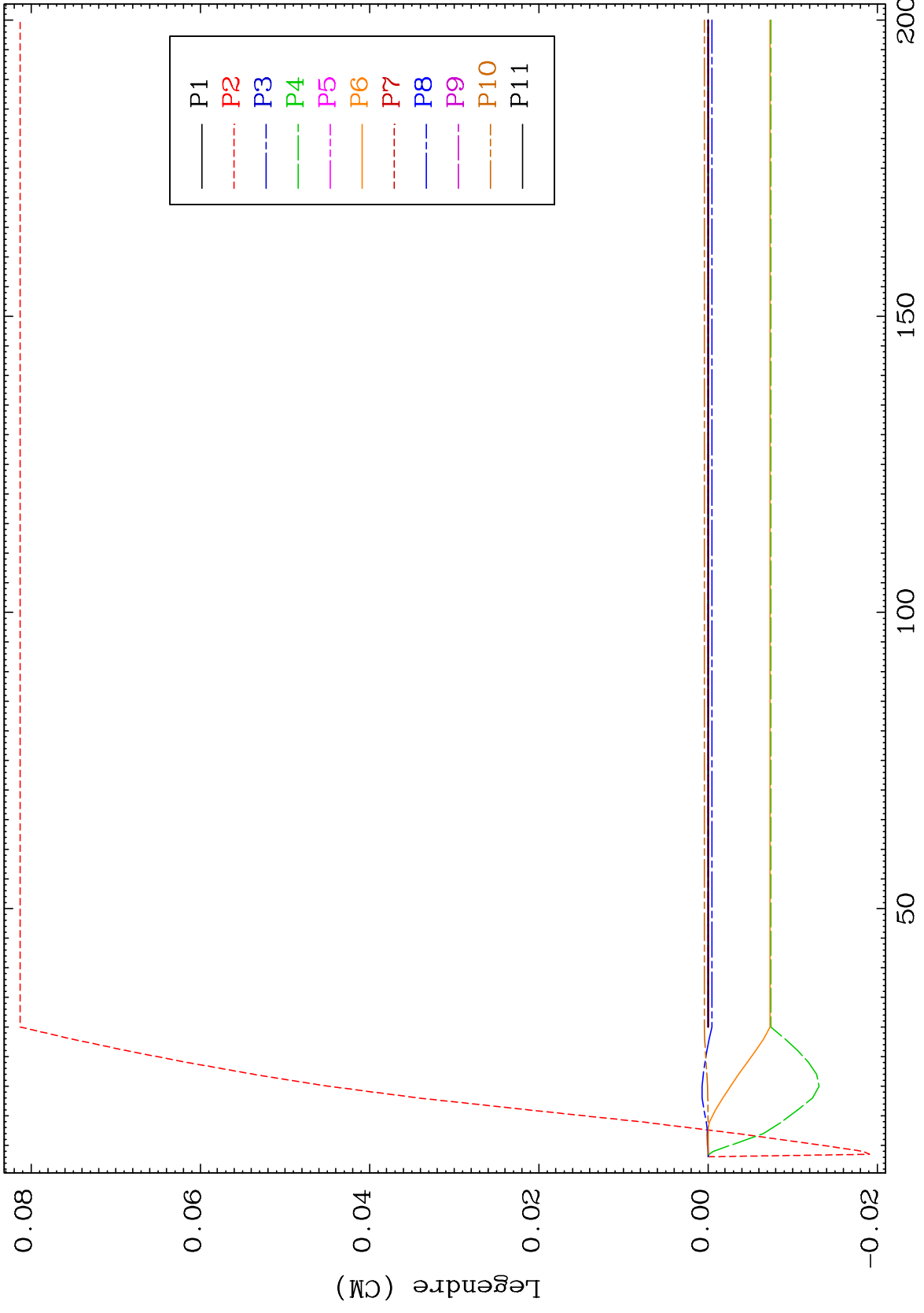


44

Incident Energy (MeV)

14-Si-28

MAT 1425 MT= 60 (n,n') Level Legendre Coefficients 14-Si-28

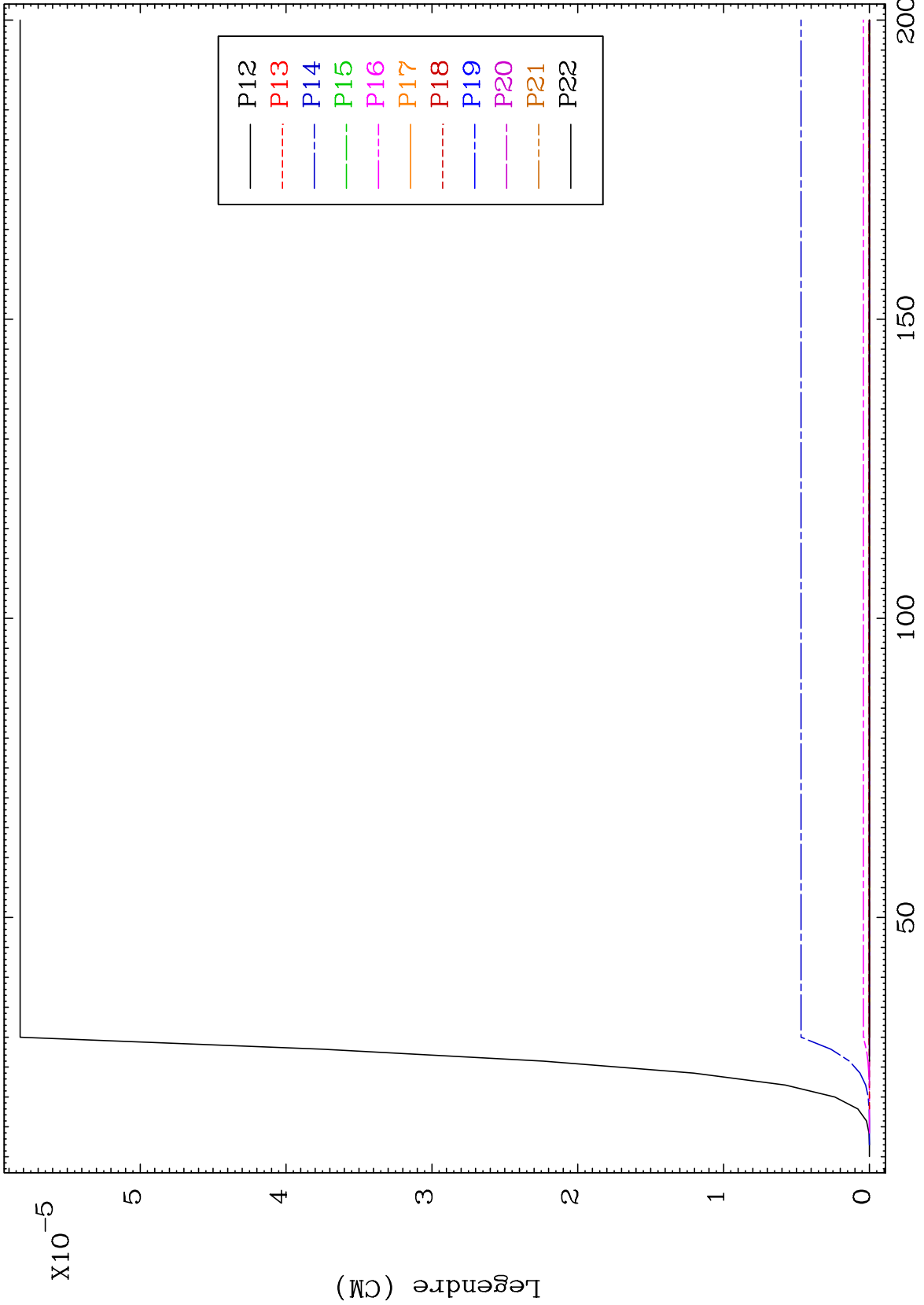


45 Incident Energy (MeV) 14-Si-28

MAT 1425

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

14-Si-28

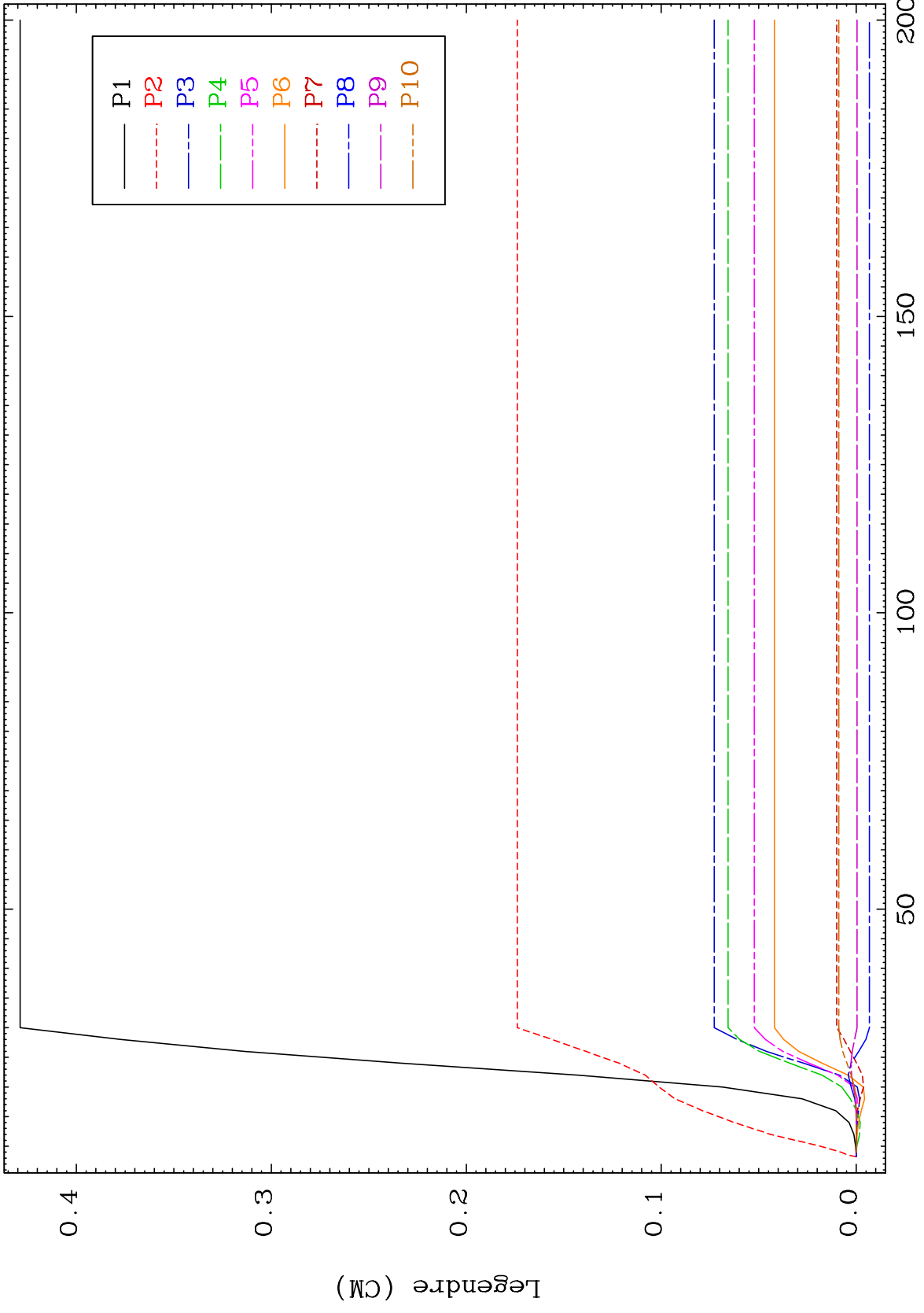


46

Incident Energy (MeV)

14-Si-28

MAT 1425 MT= 61 (n,n') Level Legendre Coefficients 14-Si-28

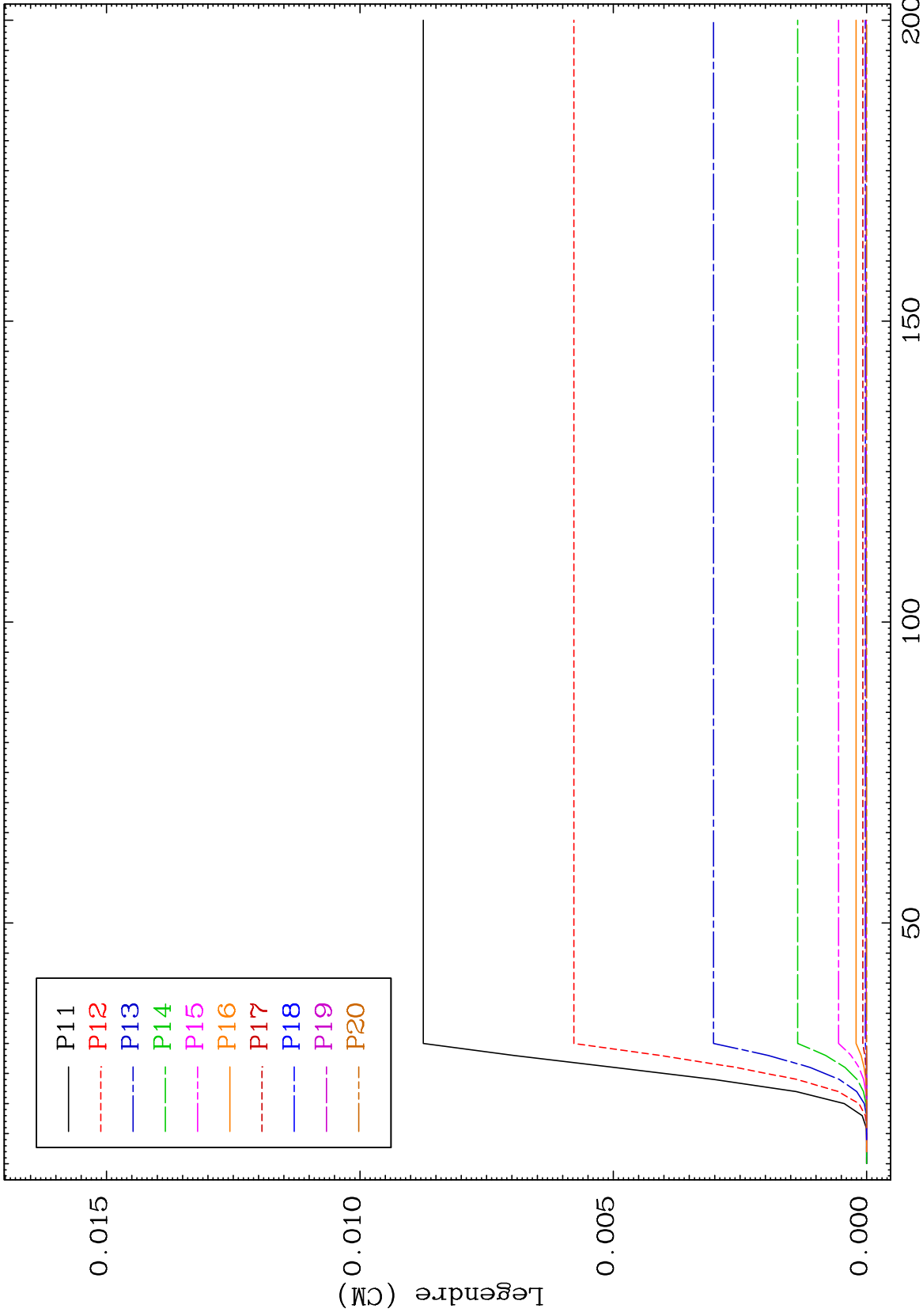


47 Incident Energy (MeV) 14-Si-28

MAT 1425

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

¹⁴Si-28

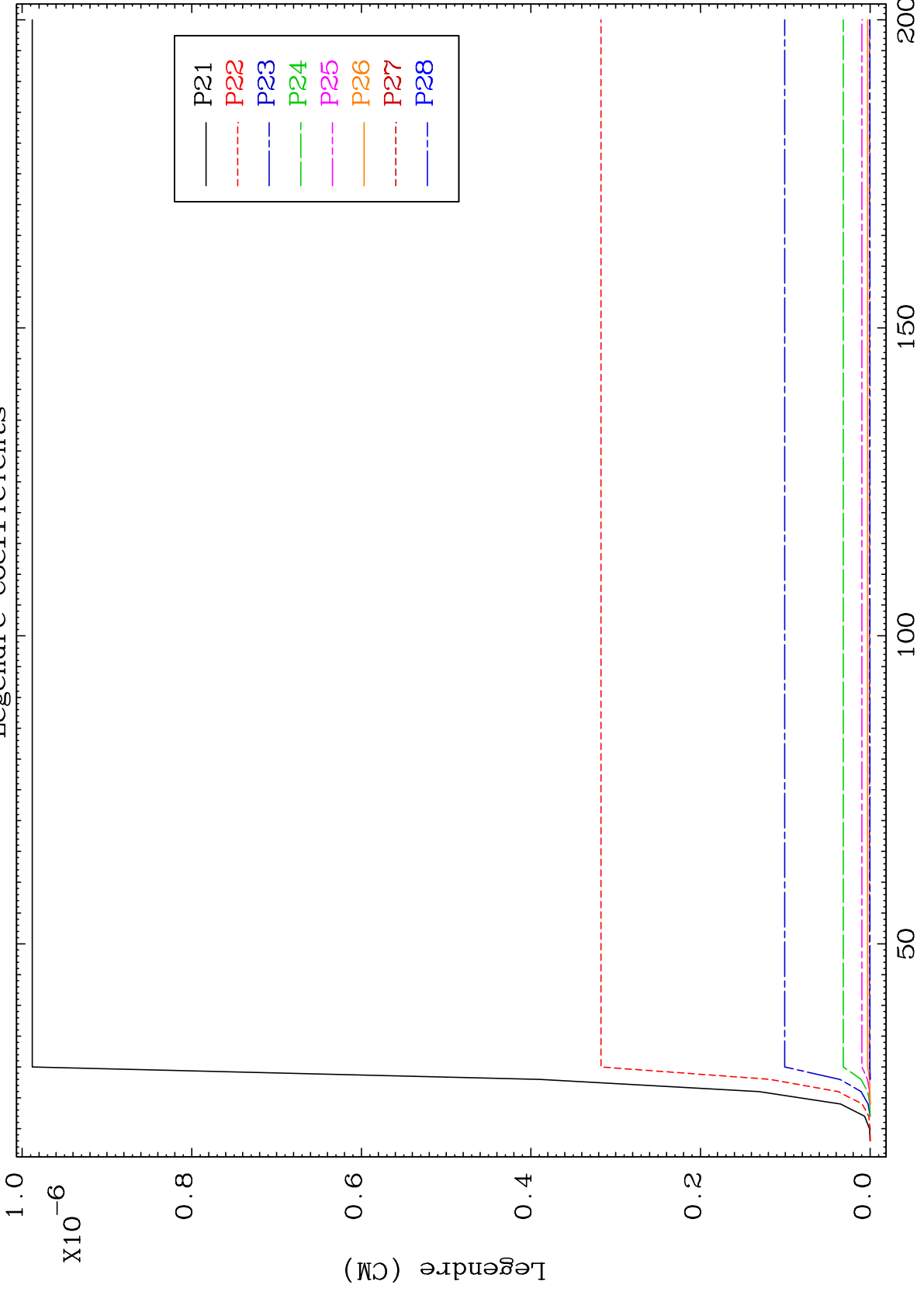


48

Incident Energy (MeV)

¹⁴Si-28

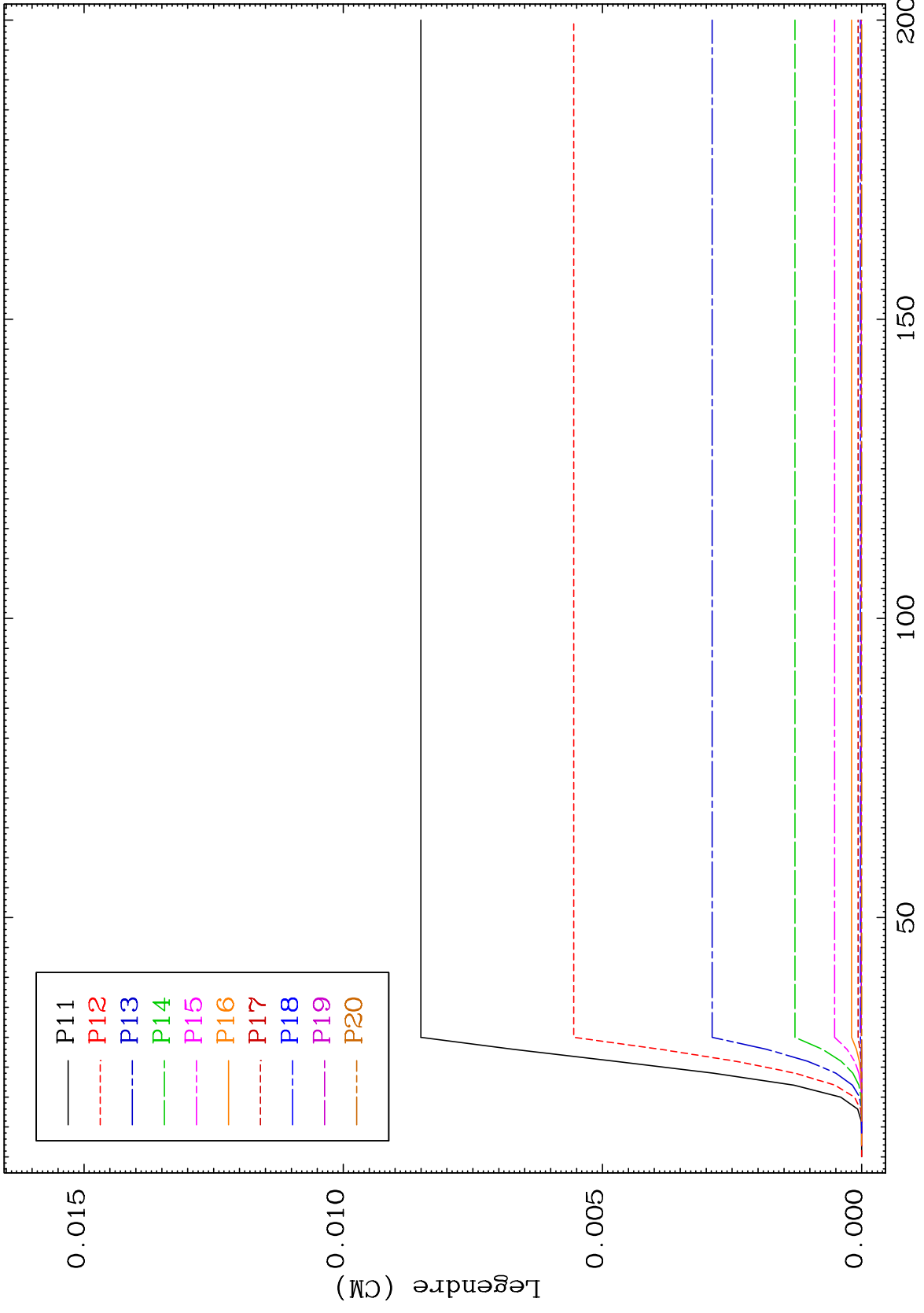
MAT 1425 MT= 61 (n,n') Level Legendre Coefficients 14-Si-28



MAT 1425

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

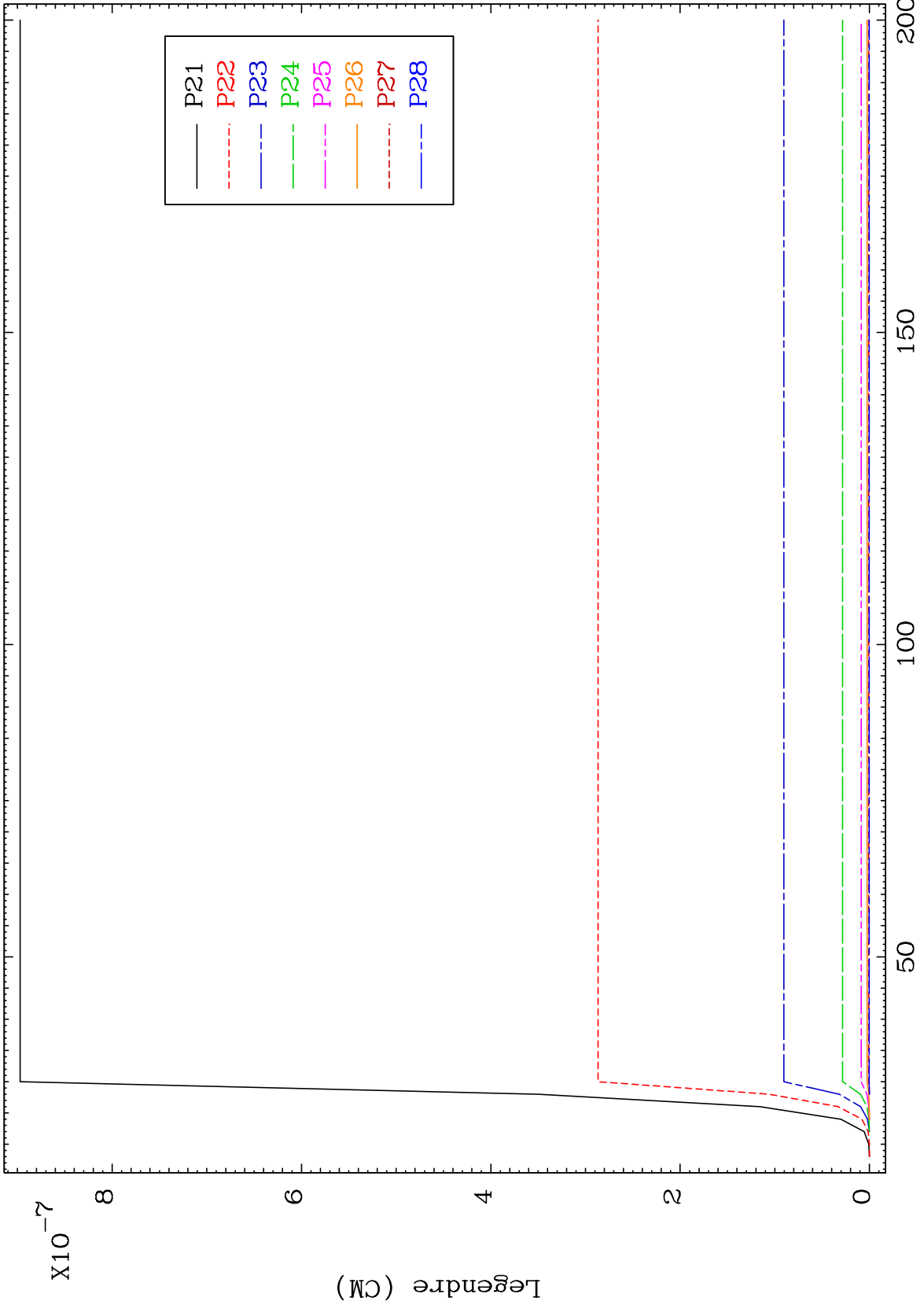
¹⁴Si-28



MAT 1425

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

14-Si-28

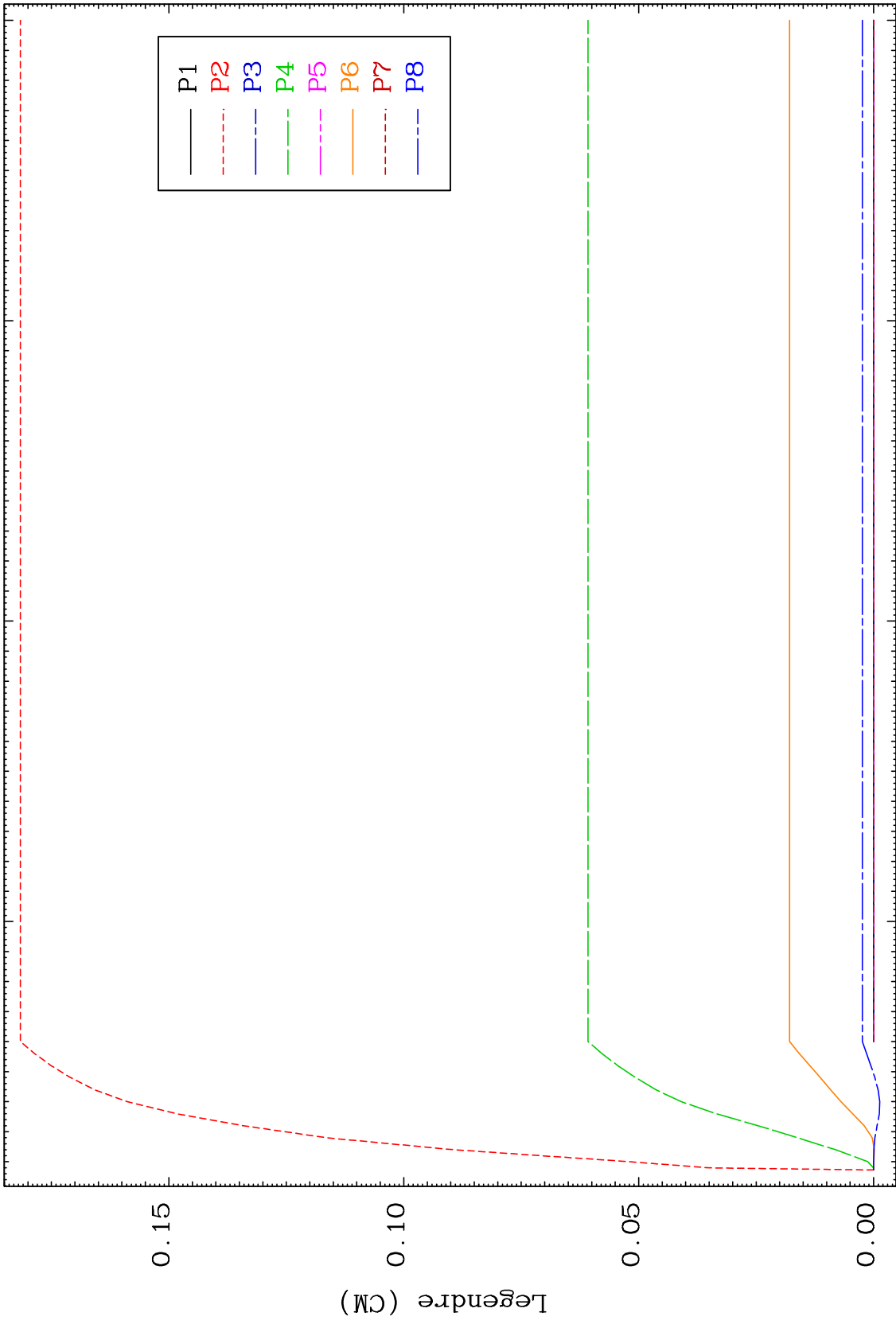


52

Incident Energy (MeV)

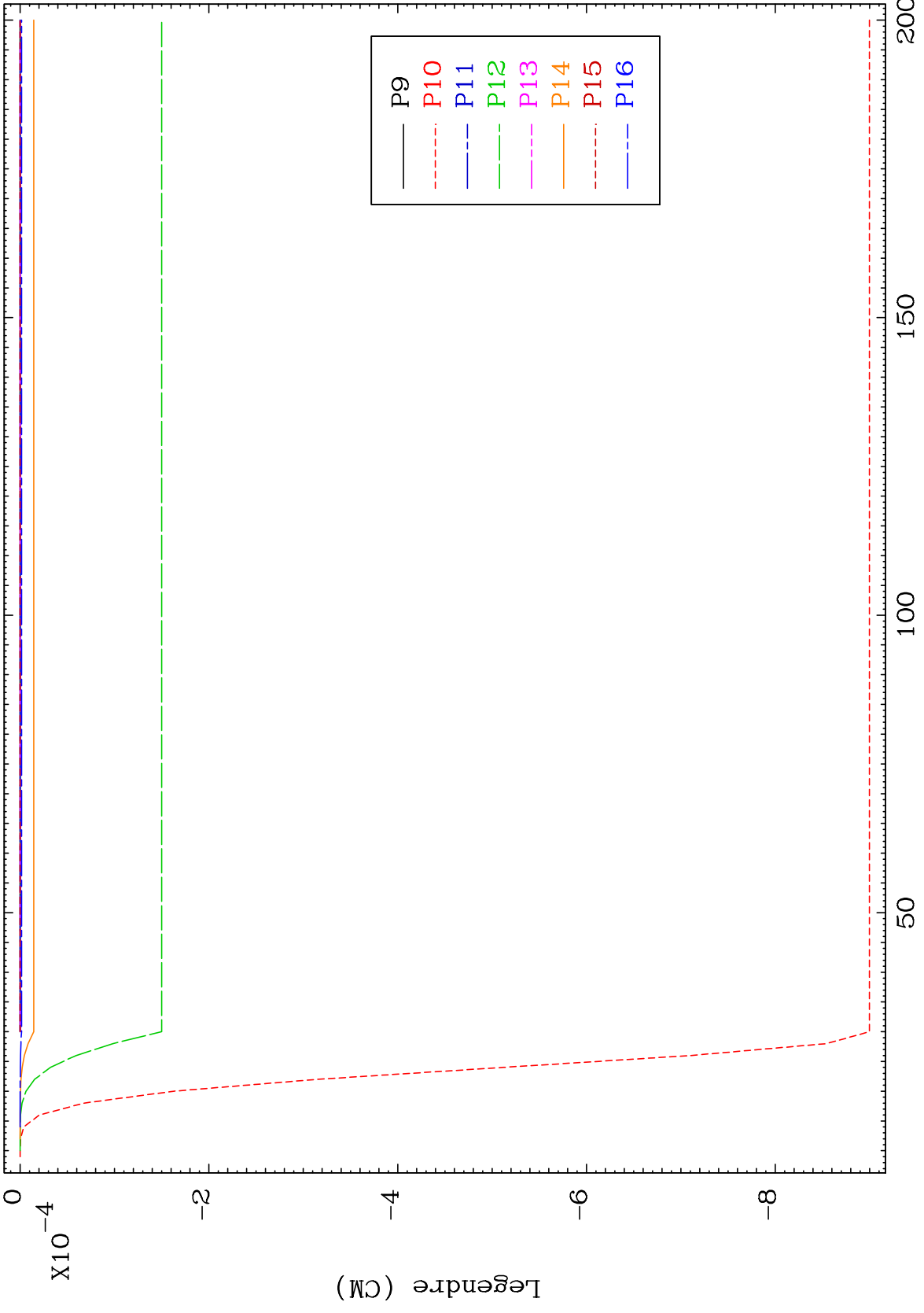
14-Si-28

MAT 1425 MT= 63 (n,n') Level Legendre Coefficients 14-Si-28



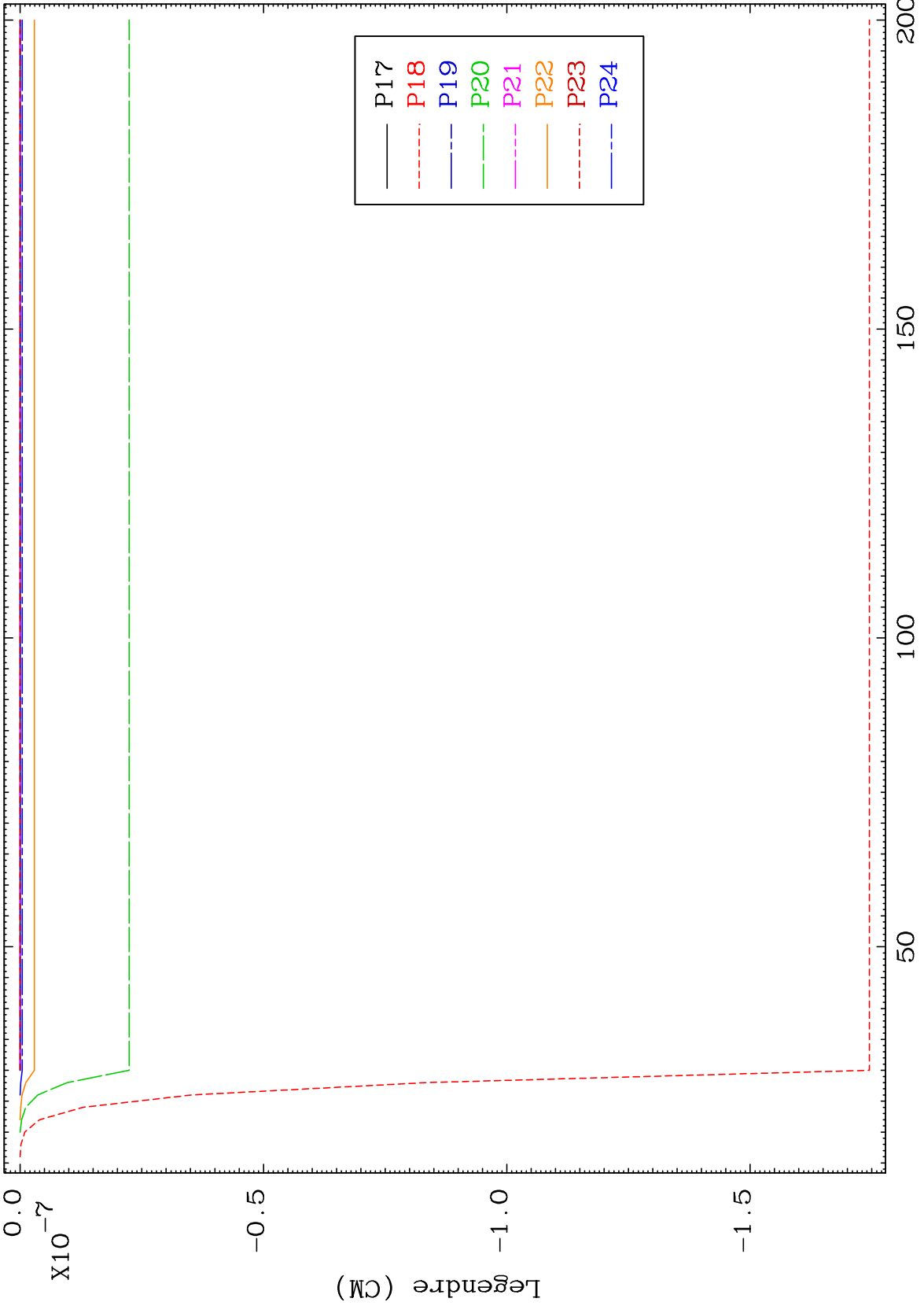
53 Incident Energy (MeV) 14-Si-28

MAT 1425 MT= 63 (n,n') Level Legendre Coefficients 14-Si-28



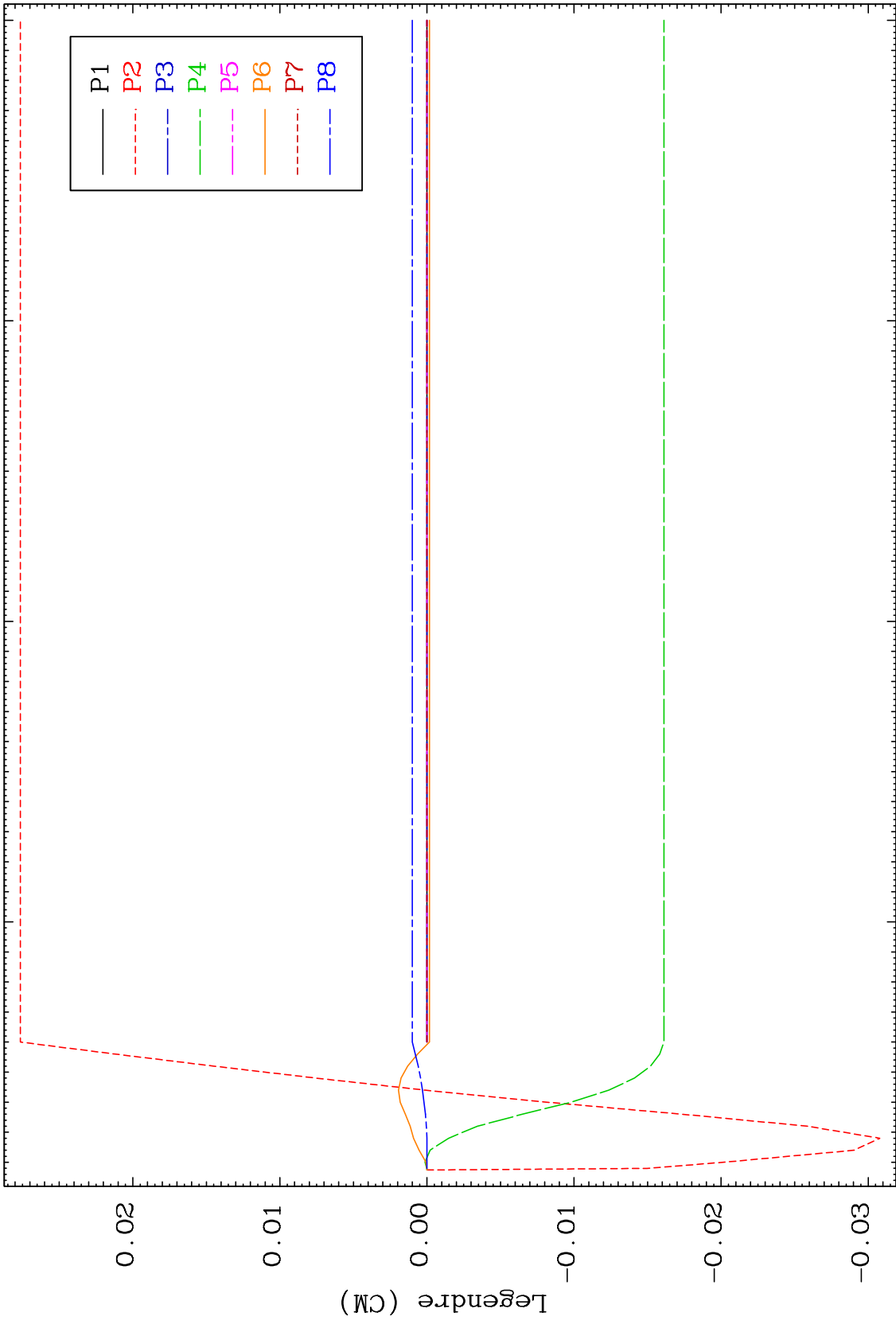
54 Incident Energy (MeV) 14-Si-28

MAT 1425 MT= 63 (n,n') Level Legendre Coefficients 14-Si-28



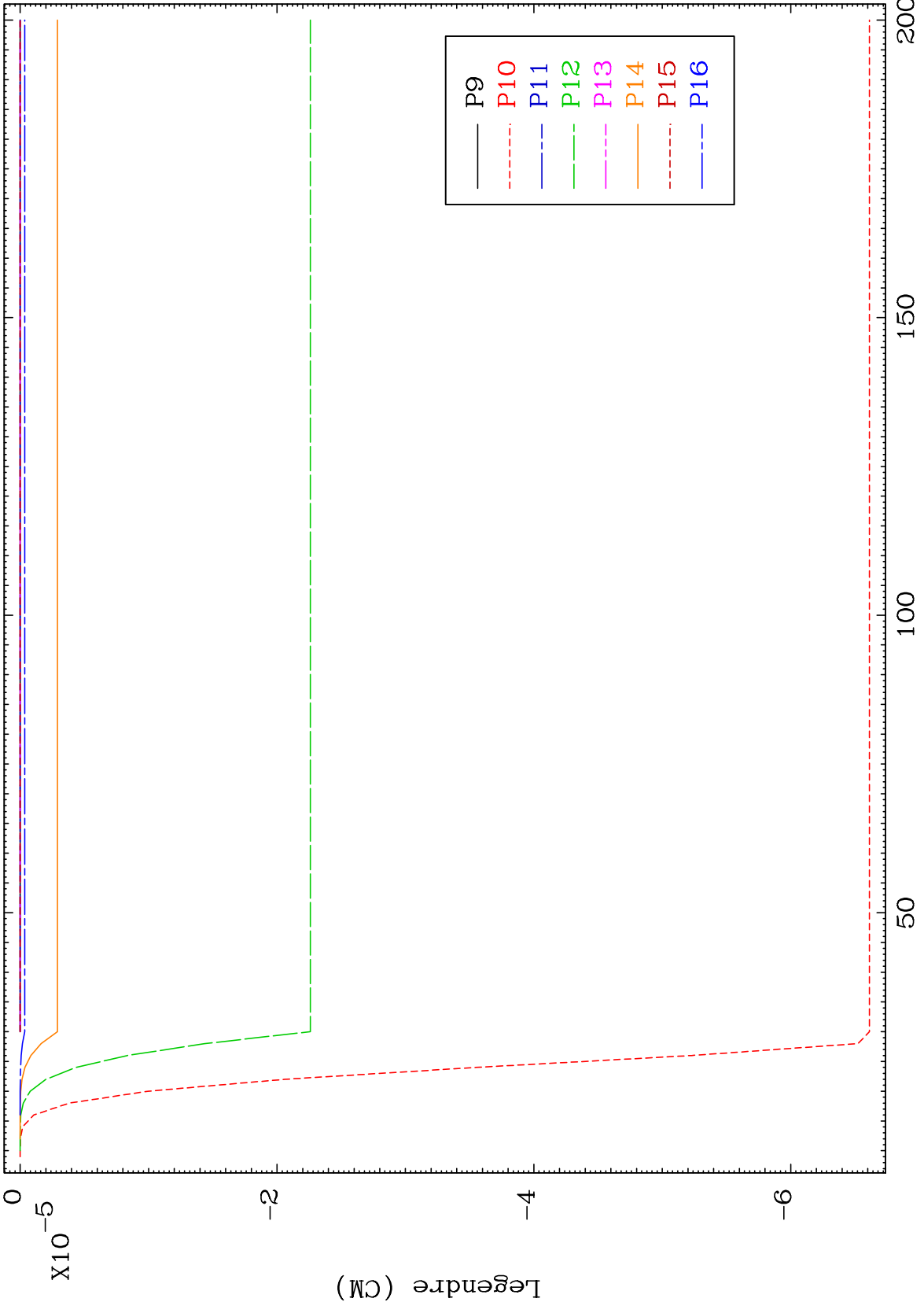
55 Incident Energy (MeV) 14-Si-28

MAT 1425 MT= 64 (n,n') Level Legendre Coefficients 14-Si-28

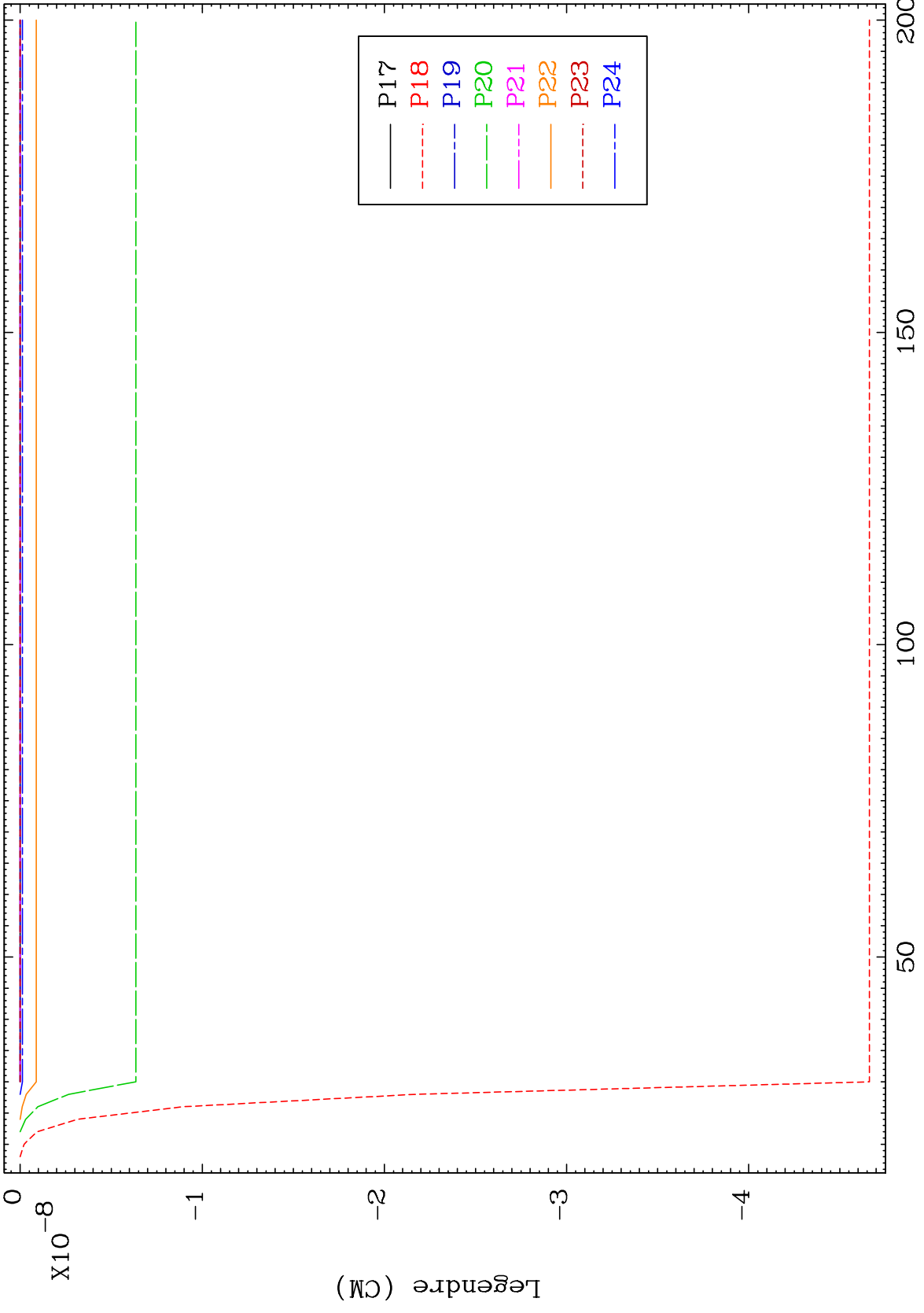


56 Incident Energy (MeV) 14-Si-28

MAT 1425 MT= 64 (n,n') Level Legendre Coefficients 14-Si-28



MAT 1425 MT= 64 (n,n') Level Legendre Coefficients 14-Si-28



58

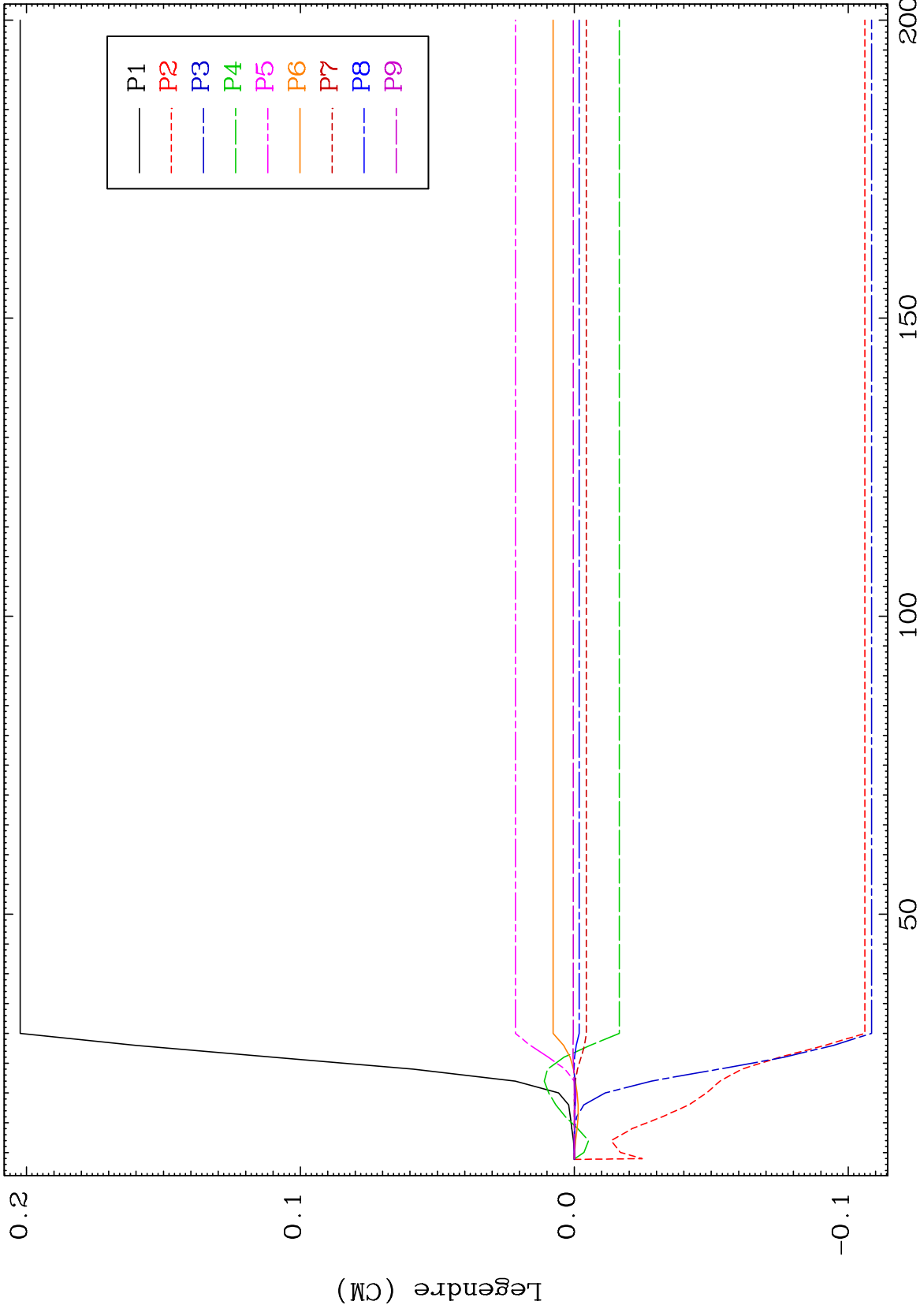
Incident Energy (MeV)

14-Si-28

MAT 1425

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

14-Si-28



59

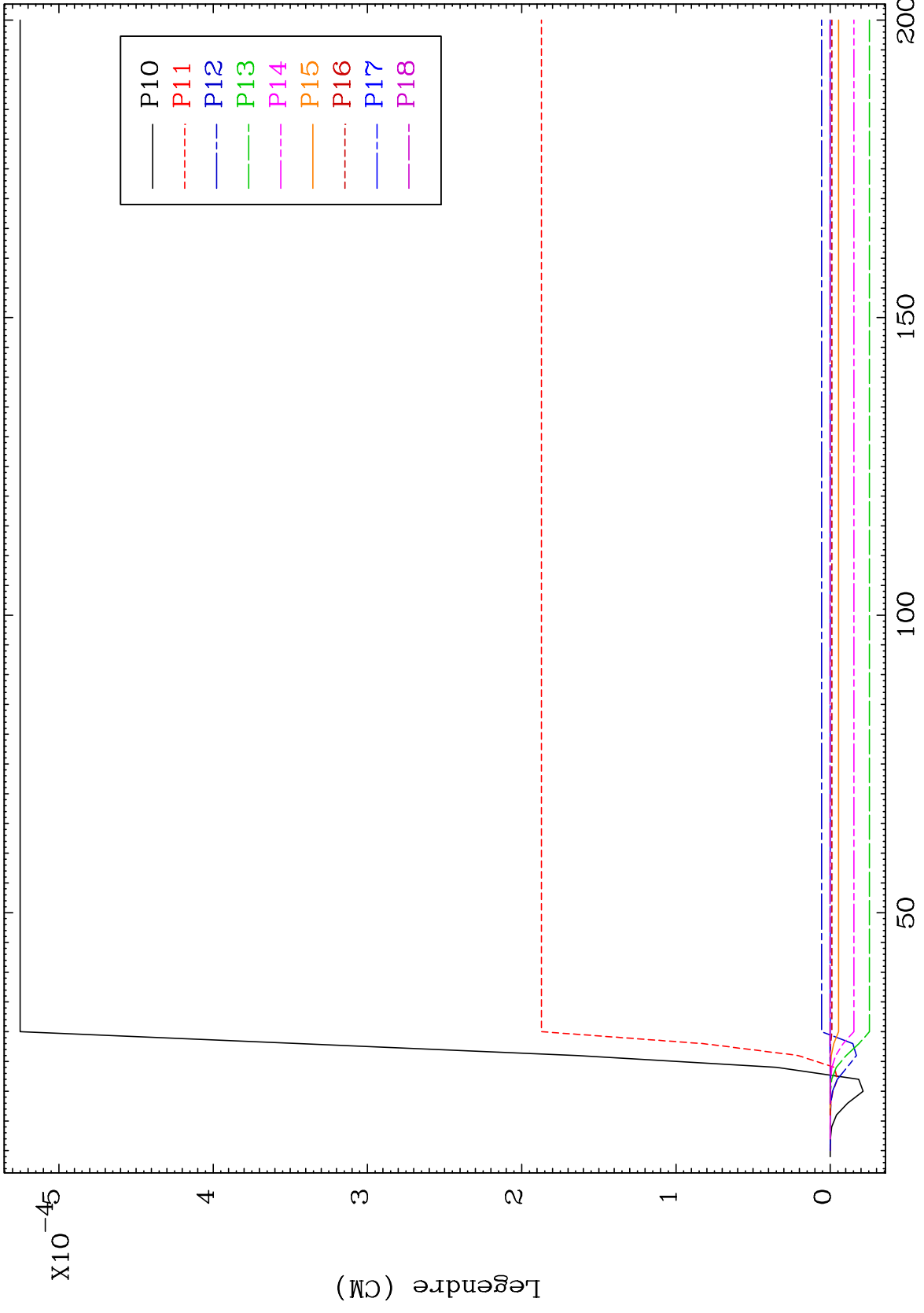
Incident Energy (MeV)

14-Si-28

MAT 1425

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

14-Si-28



60

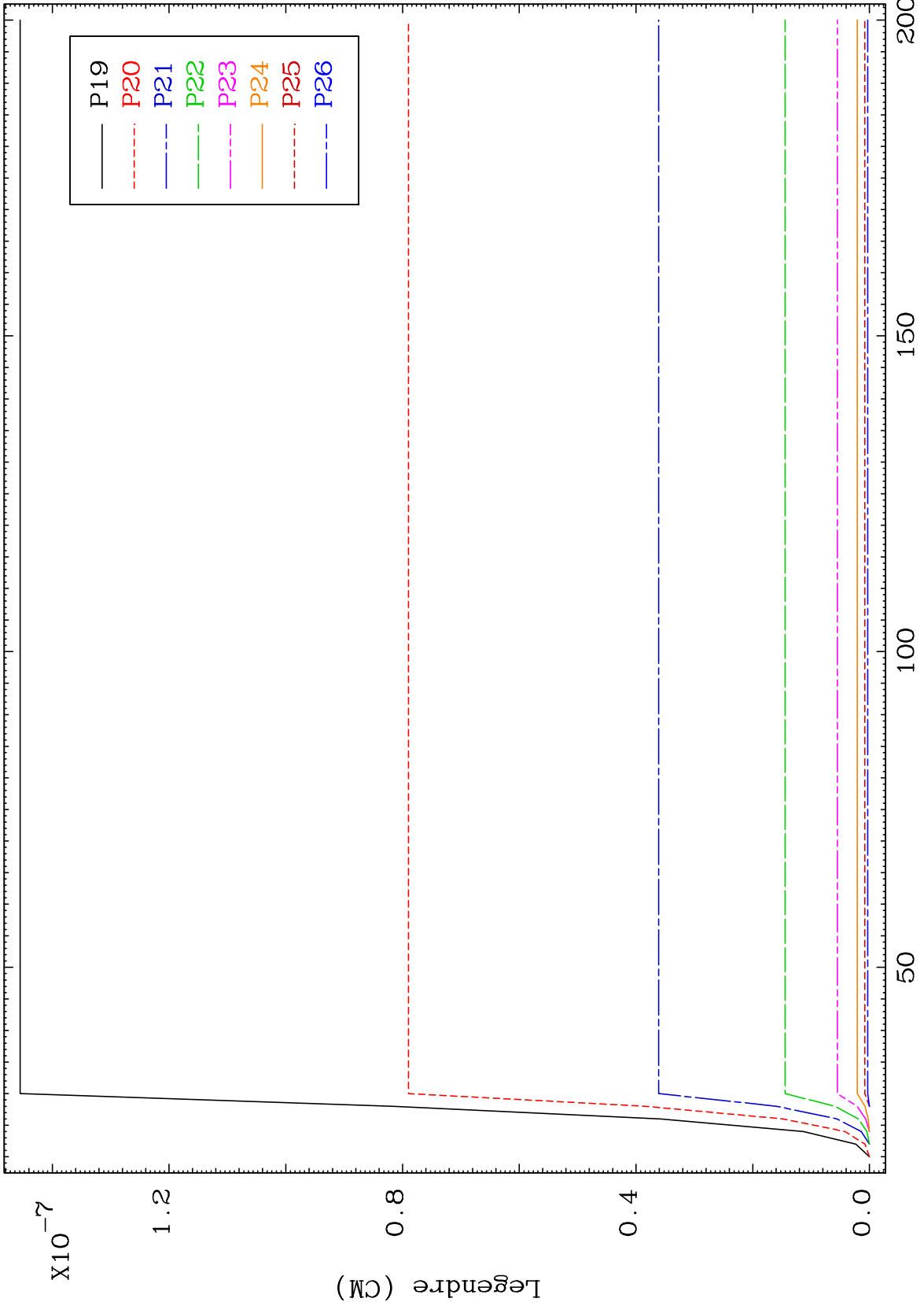
Incident Energy (MeV)

14-Si-28

MAT 1425

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

14-Si-28



61

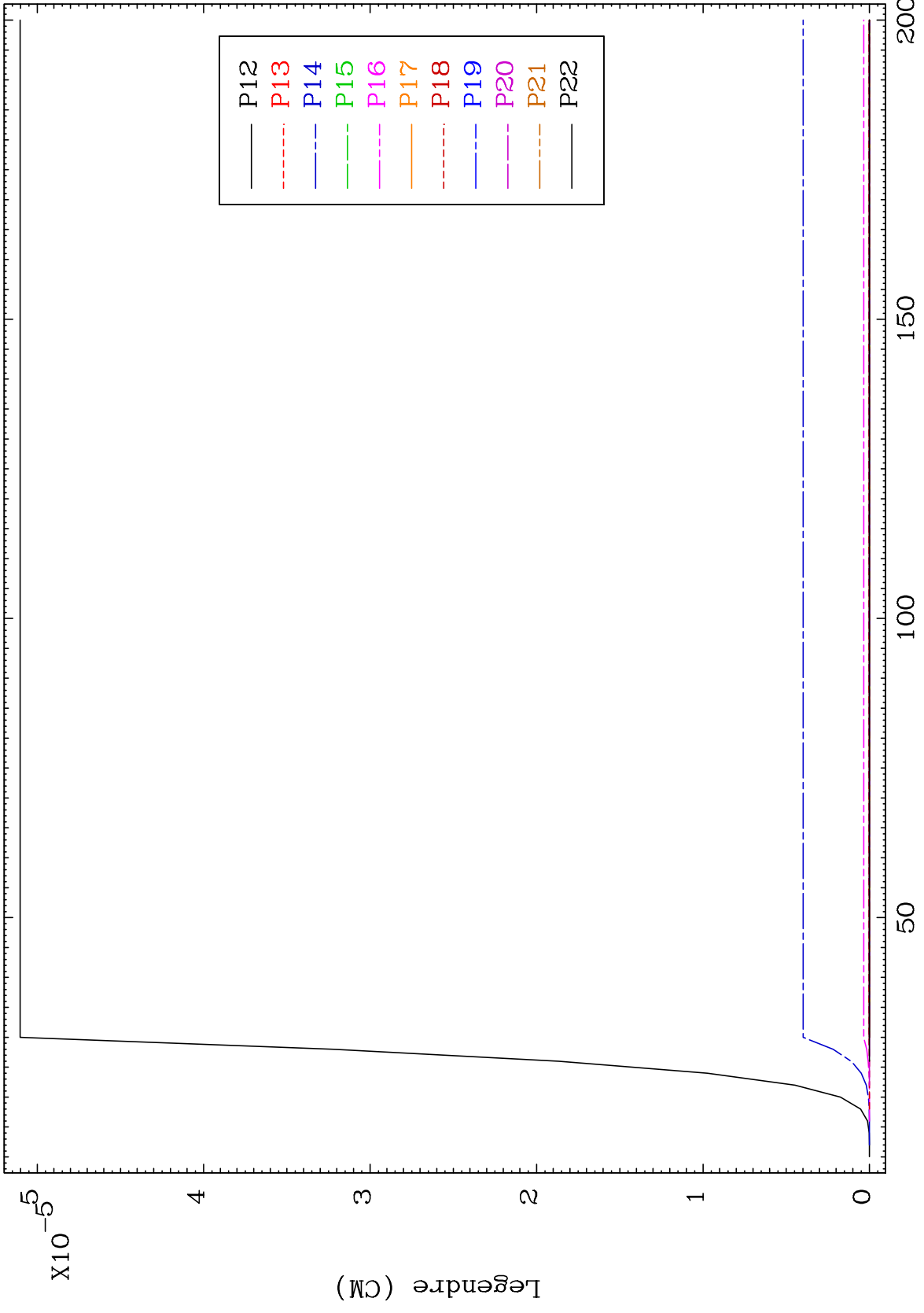
Incident Energy (MeV)

14-Si-28

MAT 1425

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

14-Si-28



63

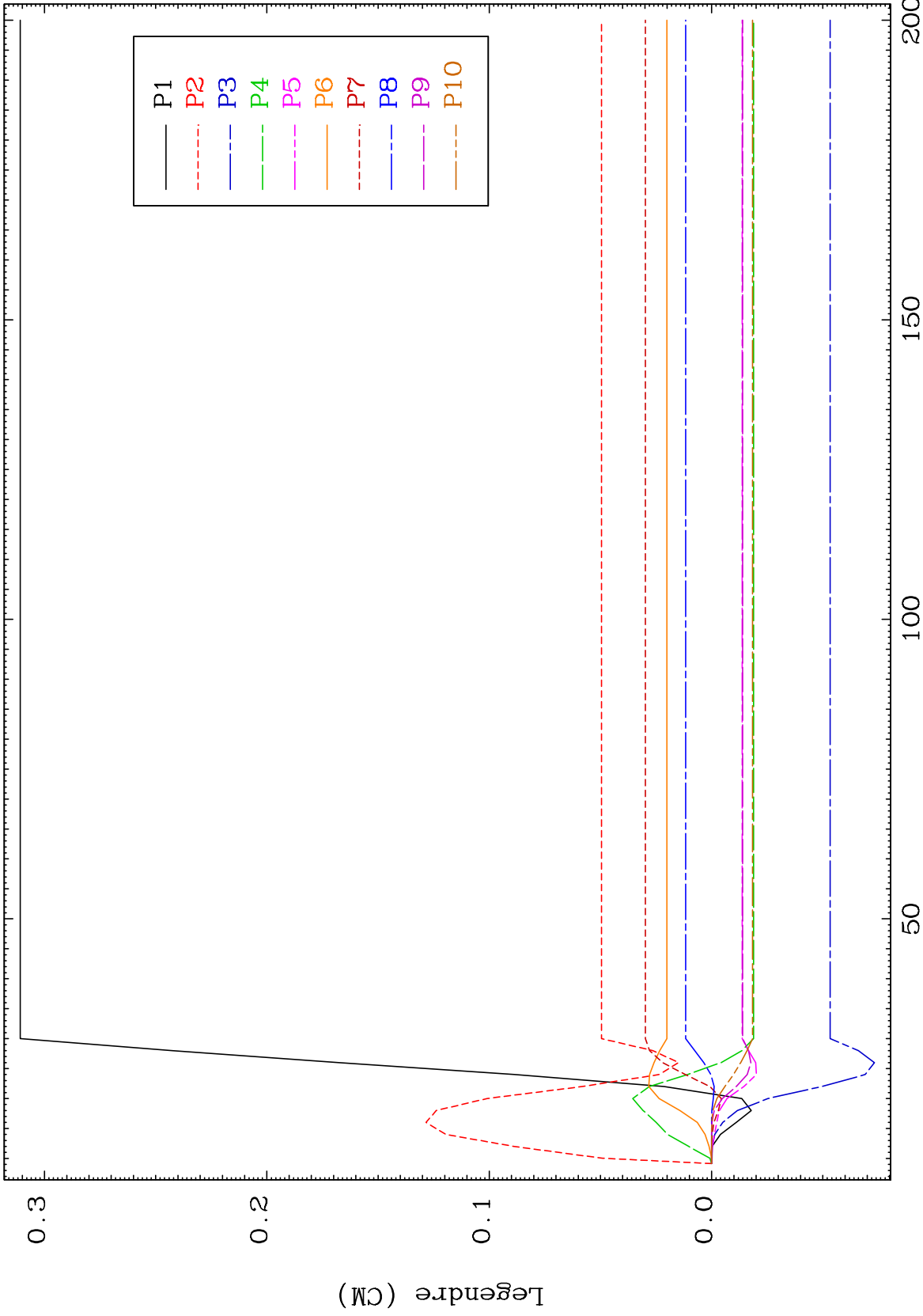
Incident Energy (MeV)

14-Si-28

MAT 1425

MT= 67 (n,n') Level
Legendre Coefficients

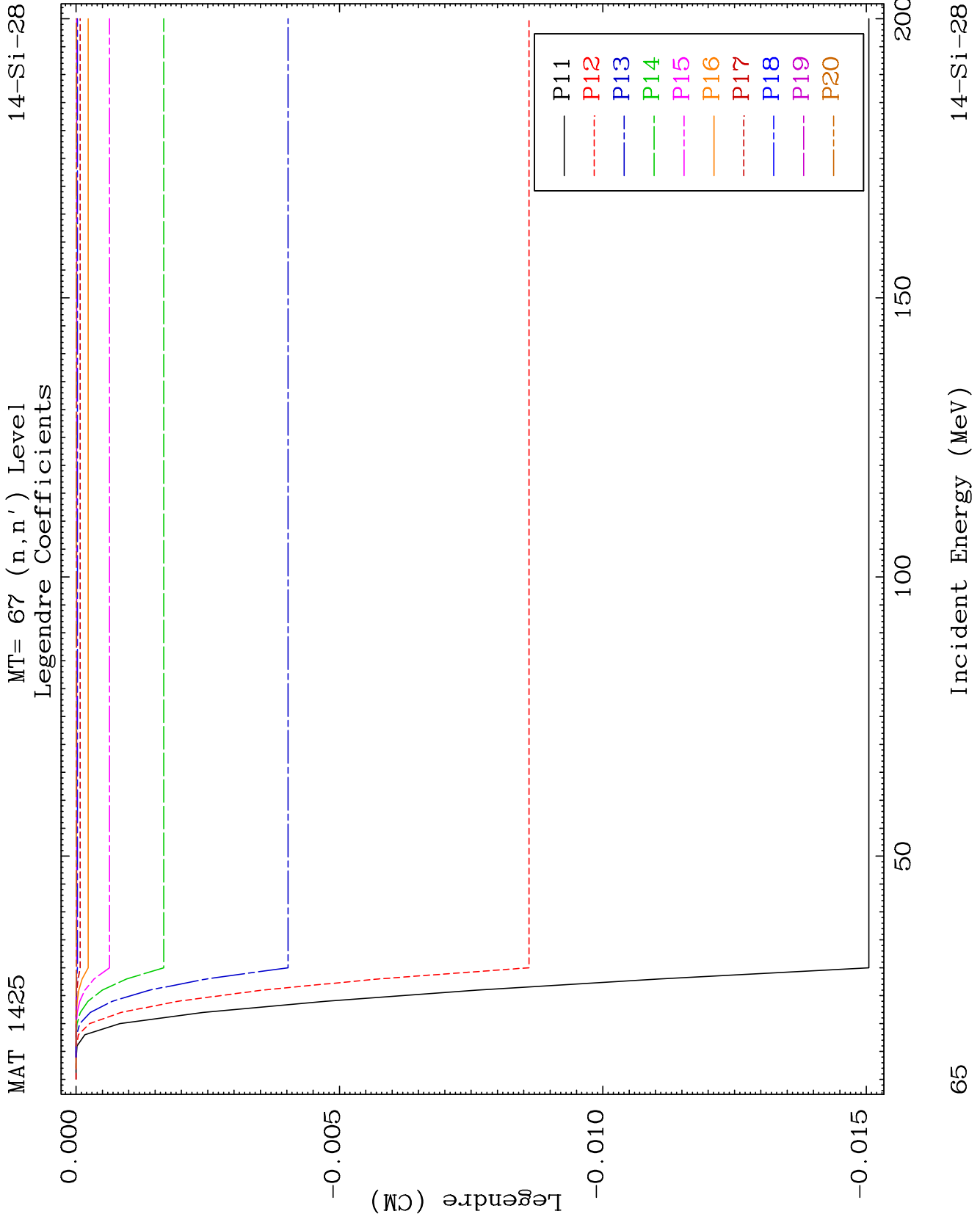
14-Si-28



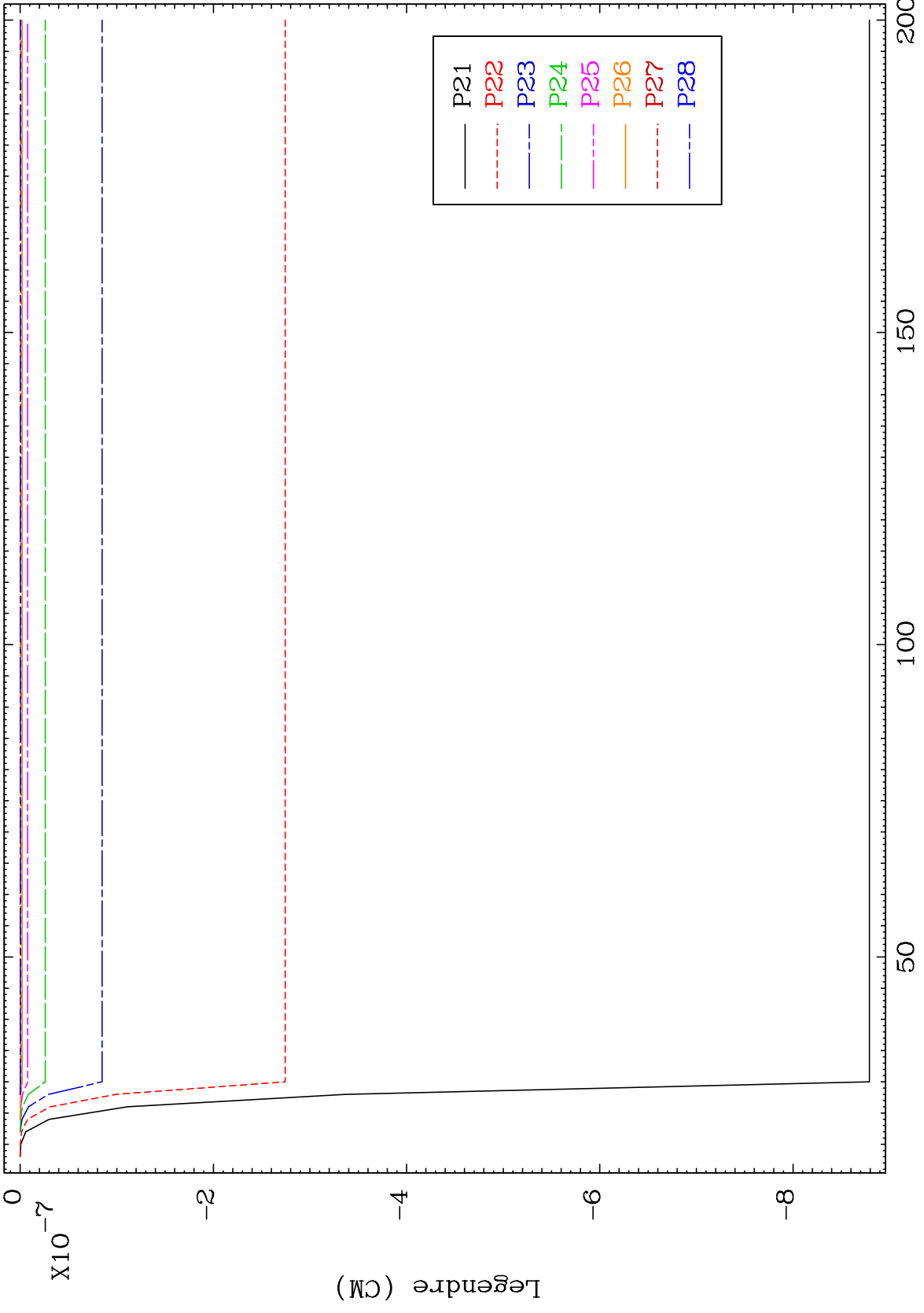
64

Incident Energy (MeV)

14-Si-28



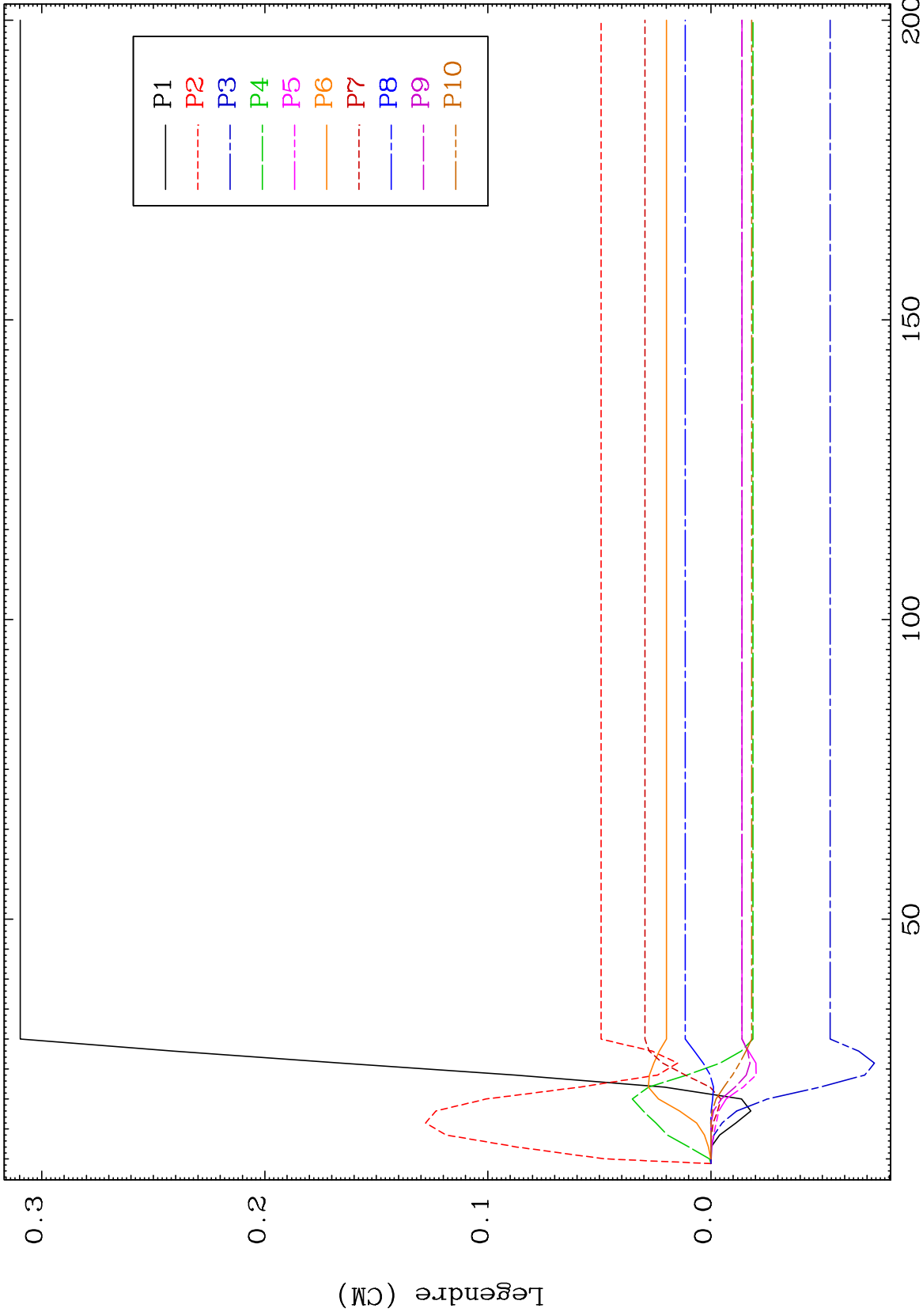
MAT 1425 MT= 67 (n,n') Level Legendre Coefficients 14-Si-28



MAT 1425

MT= 68 (n,n') Level
Legendre Coefficients

14-Si-28

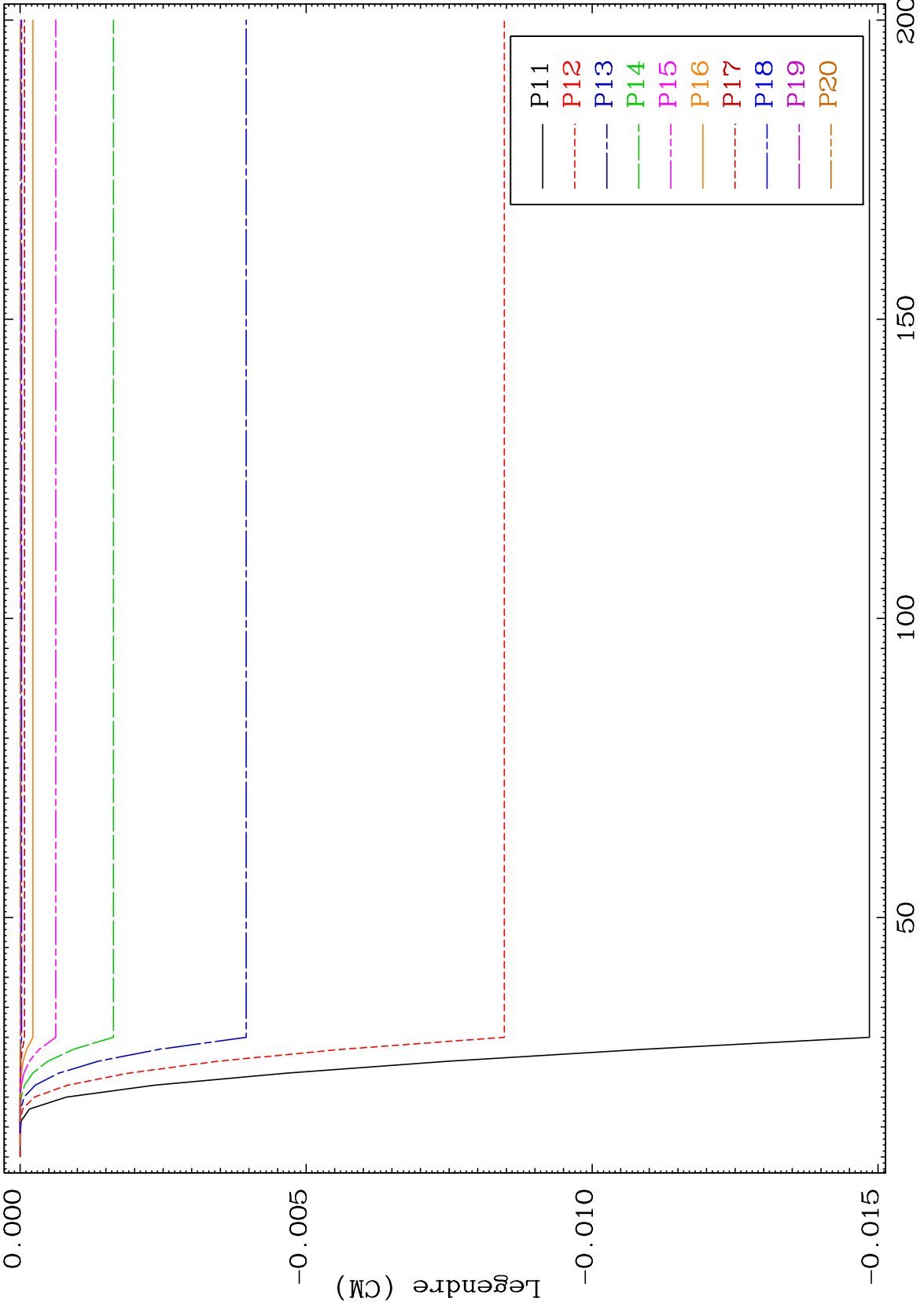


67

Incident Energy (MeV)

14-Si-28

MAT 1425 MT= 68 (n,n') Level Legendre Coefficients 14-Si-28

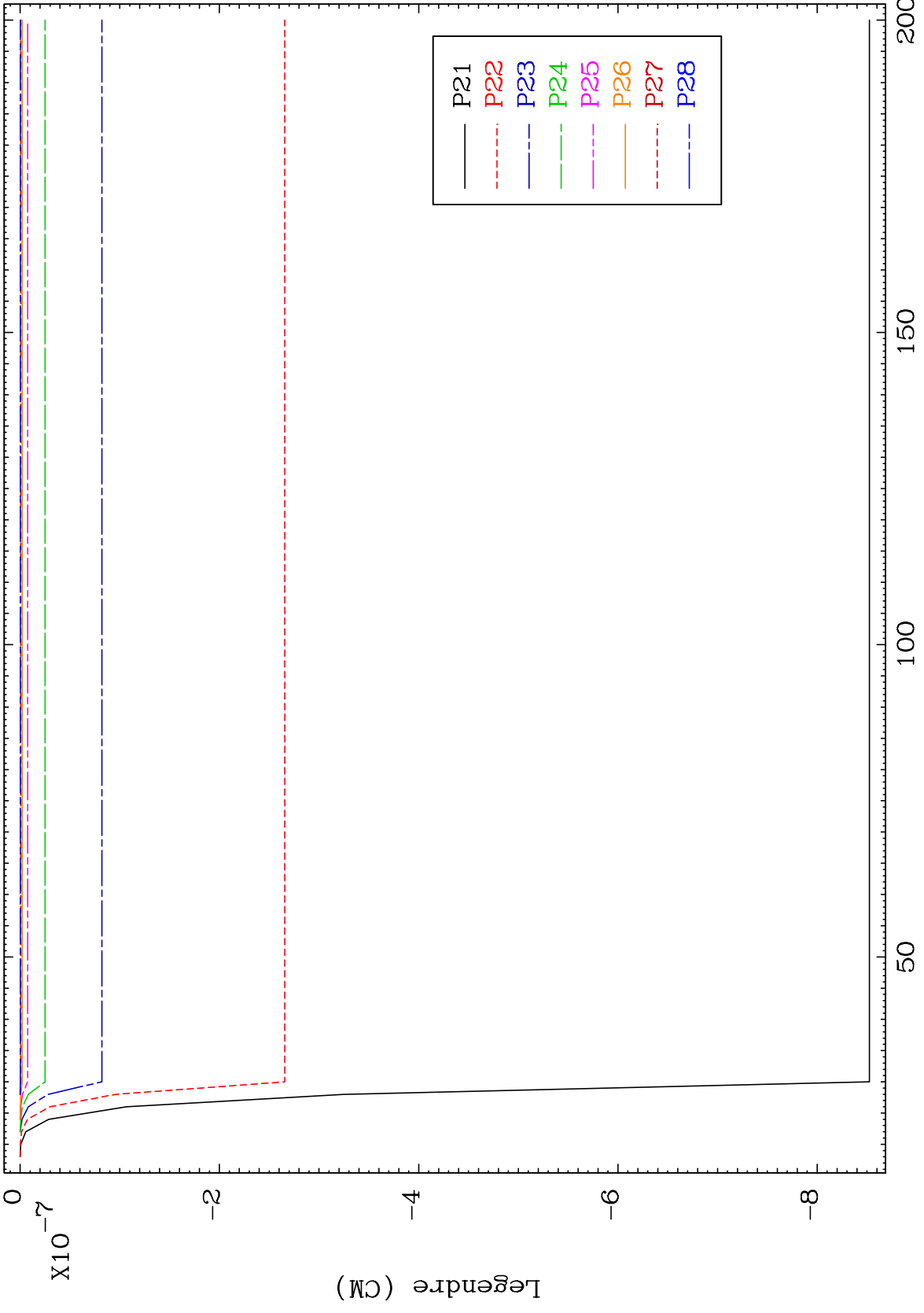


68

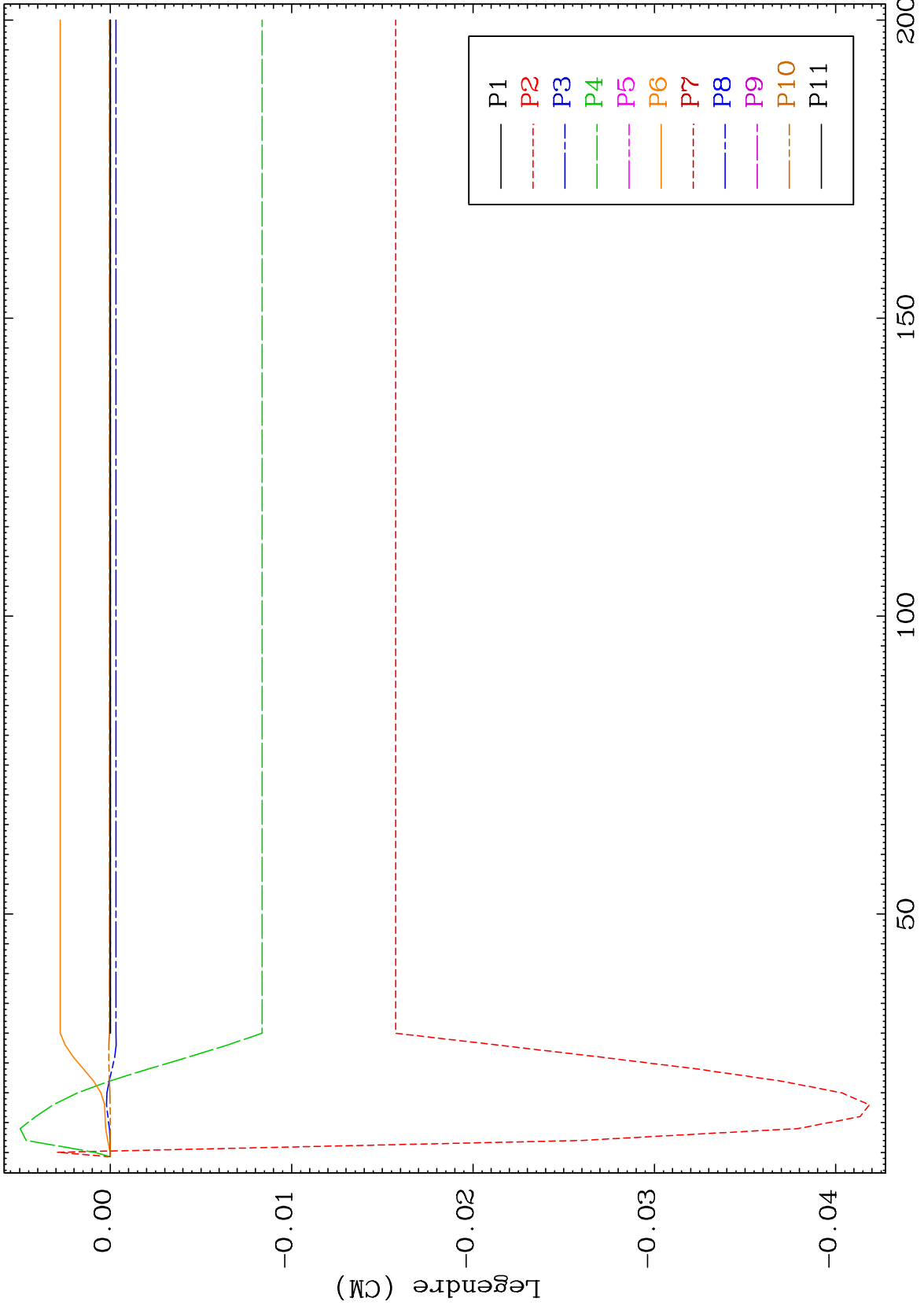
Incident Energy (MeV)

14-Si-28

MAT 1425 MT= 68 (n,n') Level Legendre Coefficients 14-Si-28



MAT 1425 MT= 69 (n,n') Level Legendre Coefficients 14-Si-28

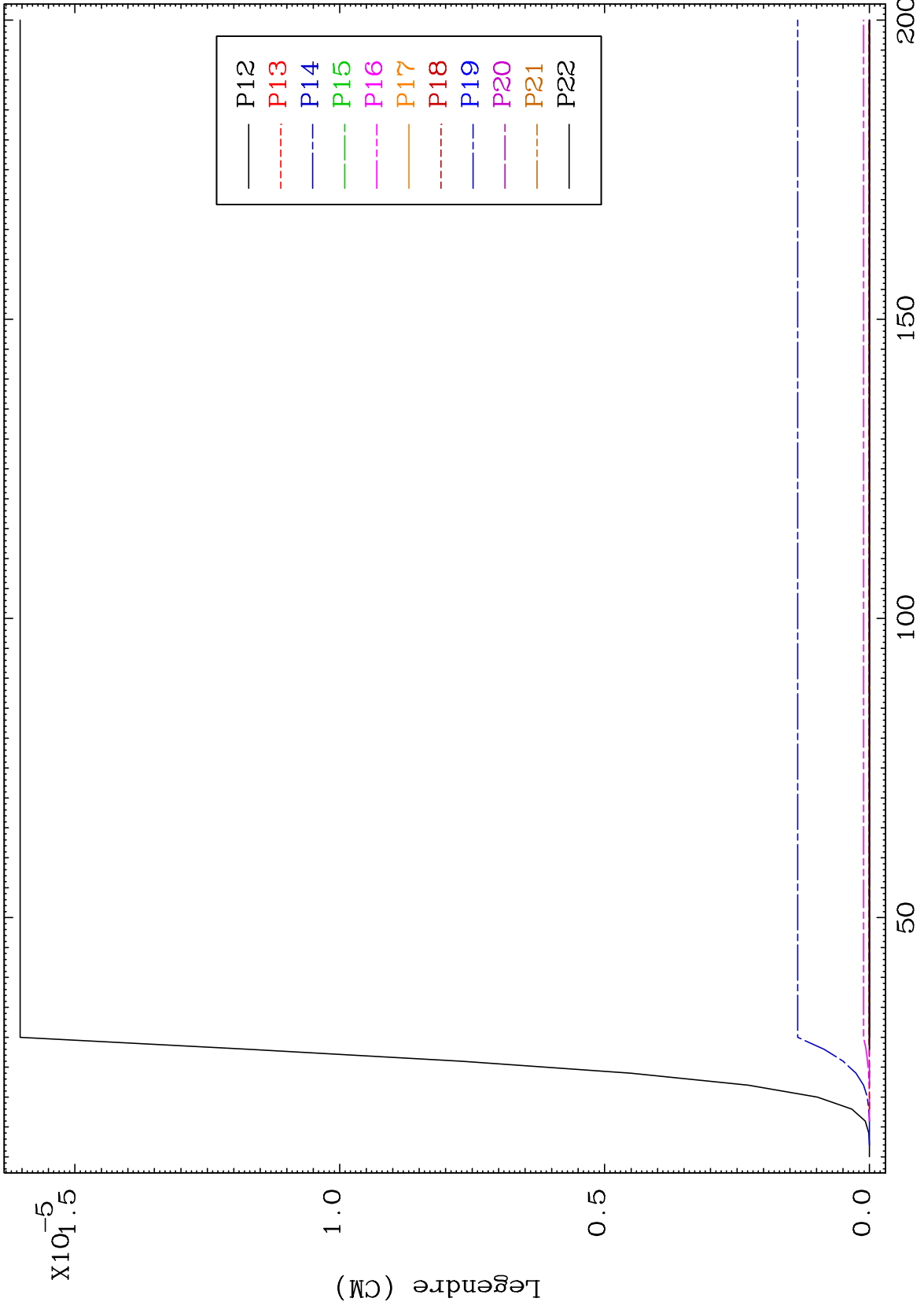


14-Si-28

MAT 1425

MT= 69 (n,n') Level
Legendre Coefficients

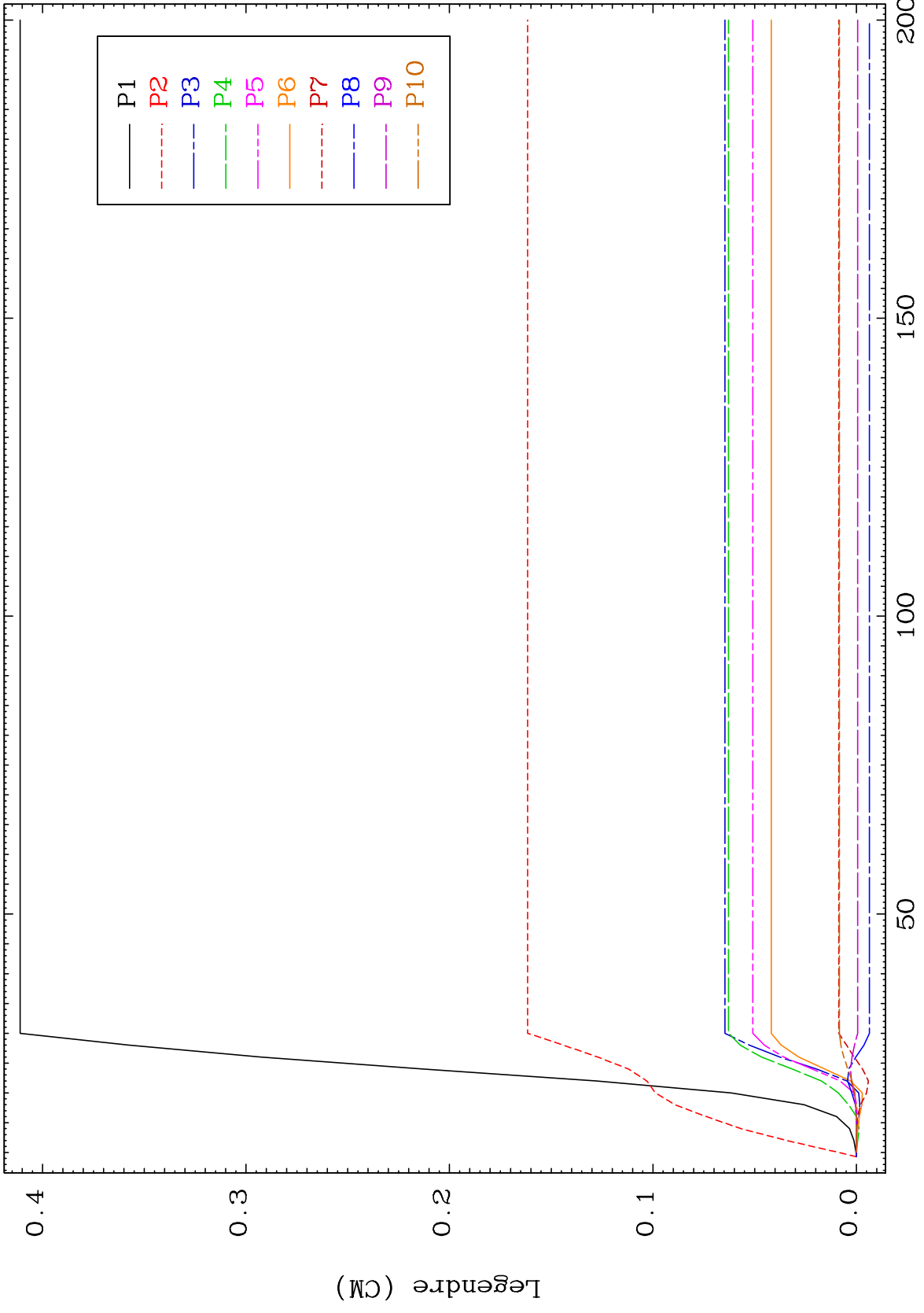
14-Si-28



71

14-Si-28

MAT 1425 MT= 70 (n,n') Level Legendre Coefficients 14-Si-28

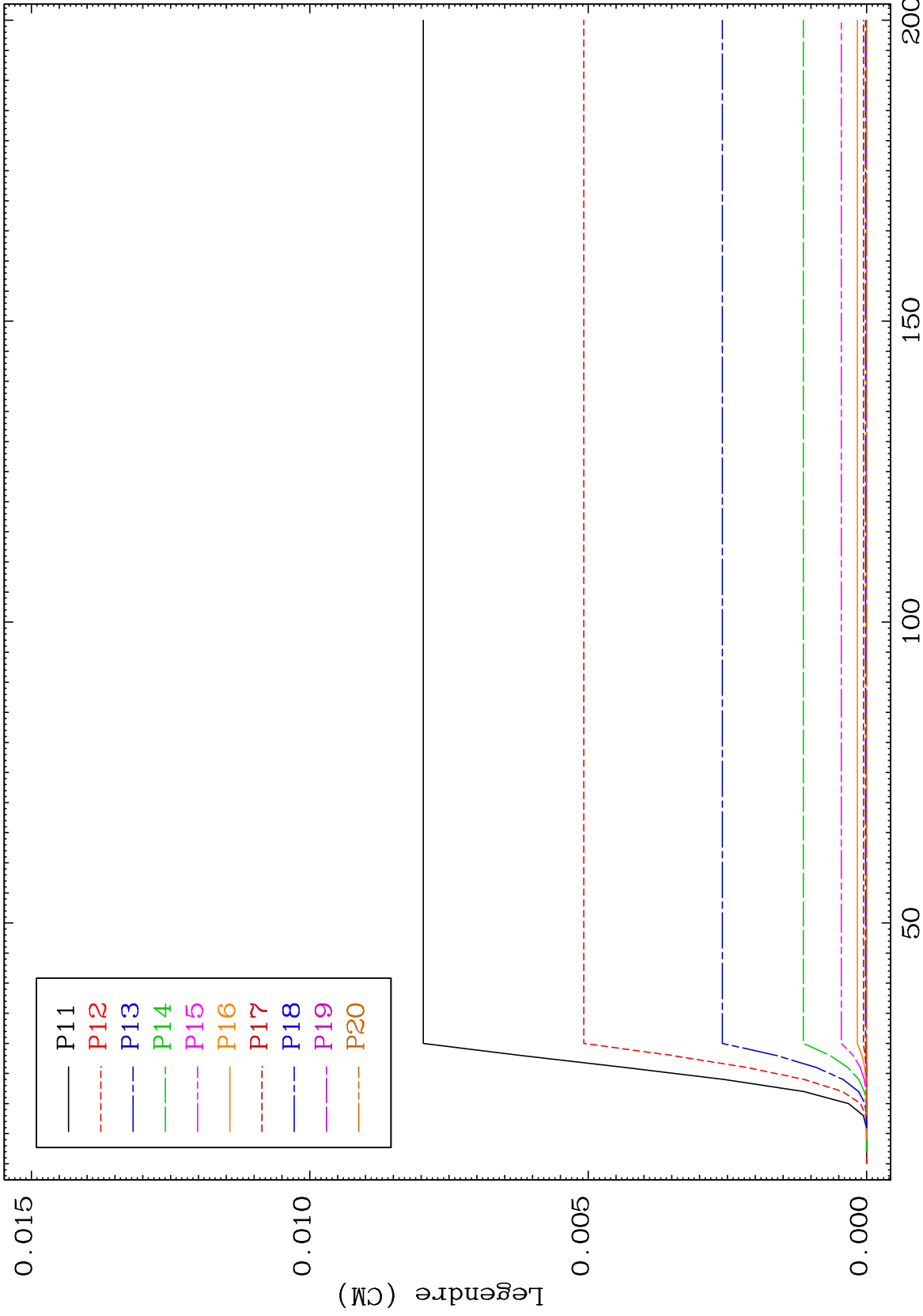


72 Incident Energy (MeV) 14-Si-28

MAT 1425

MT= 70 (n,n') Level
Legendre Coefficients

¹⁴Si-28



73

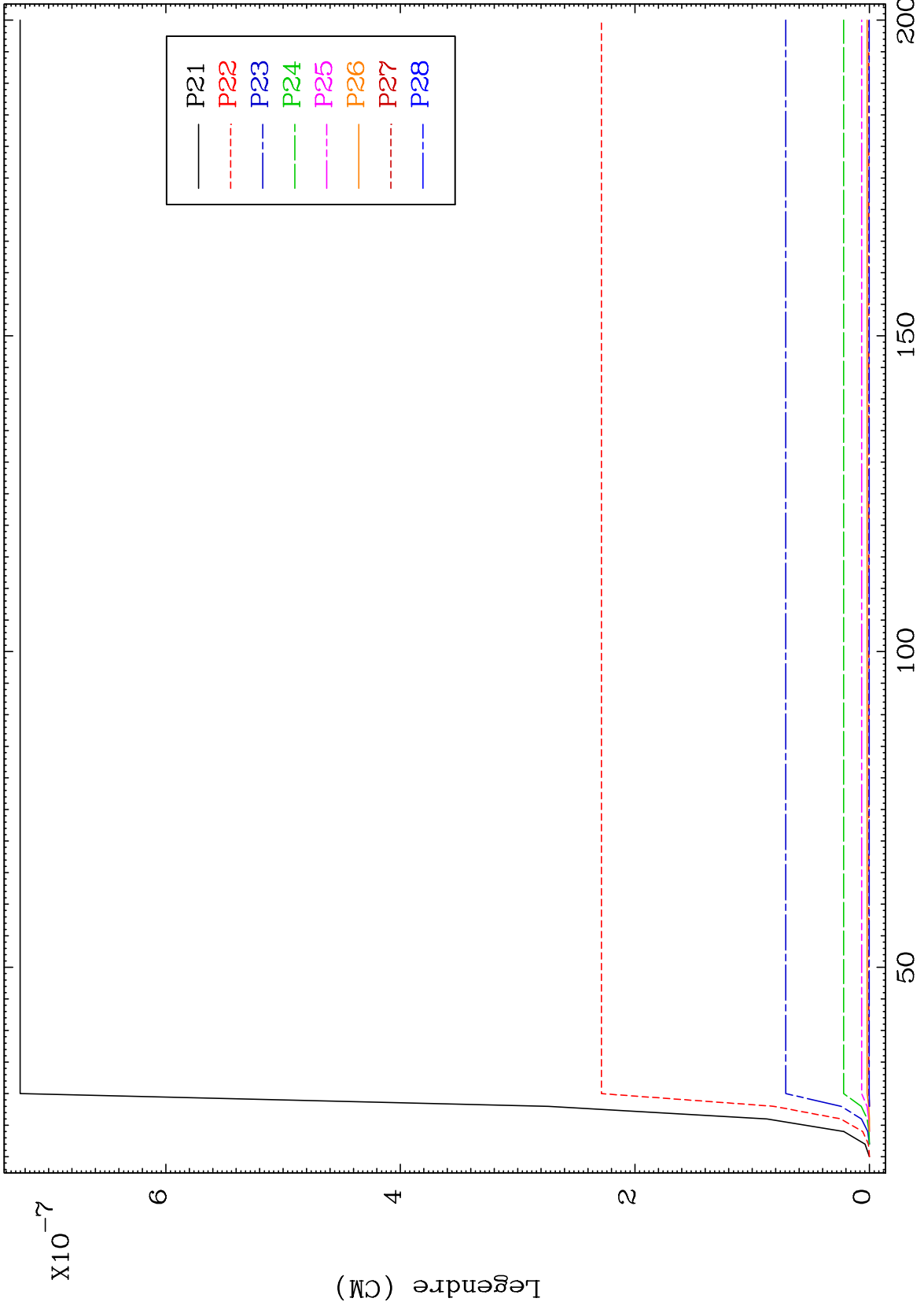
Incident Energy (MeV)

¹⁴Si-28

MAT 1425

MT= 70 (n,n') Level
Legendre Coefficients

14-Si-28



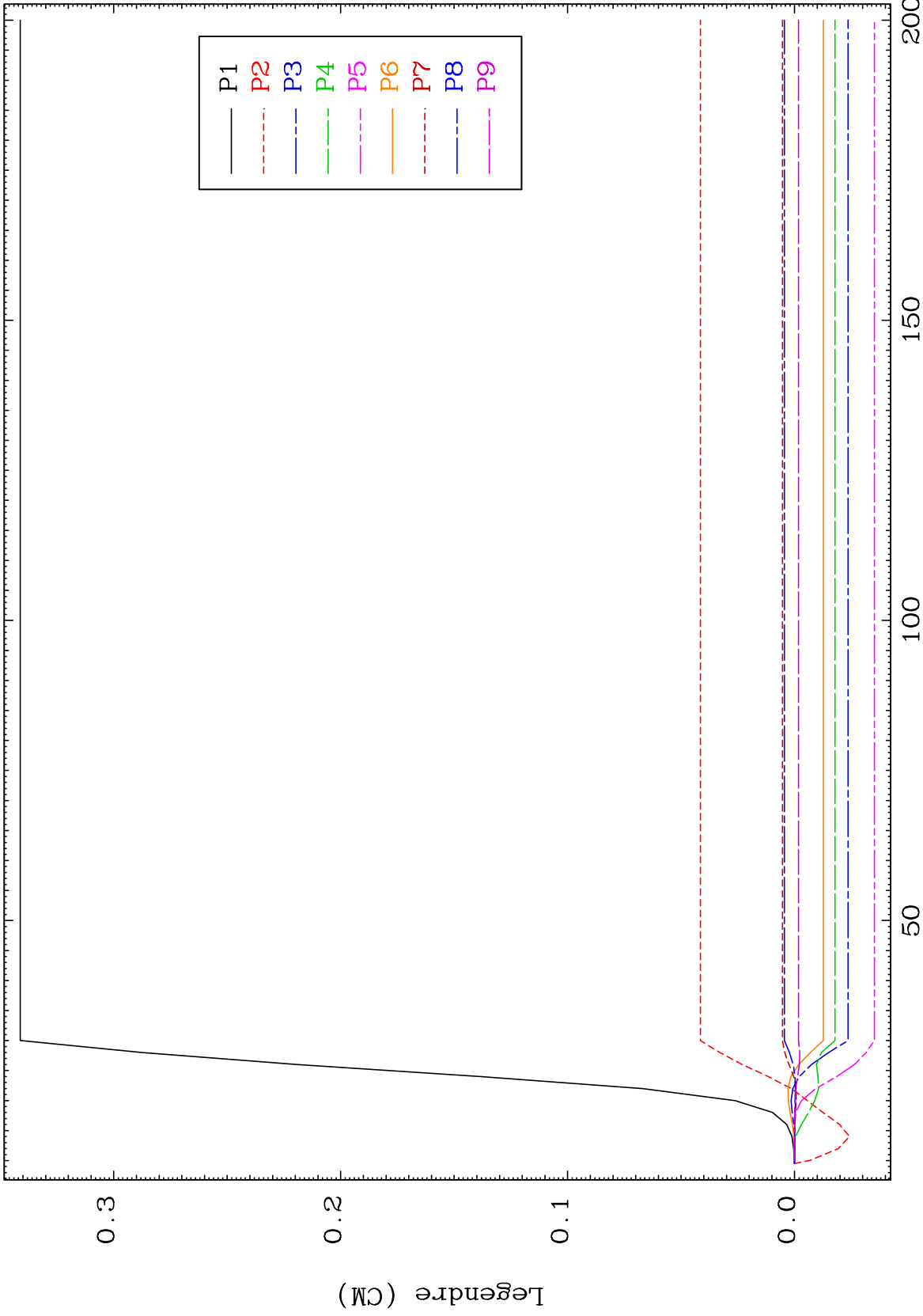
74

14-Si-28

MAT 1425

MT= 71 (n,n') Level
Legendre Coefficients

14-Si-28

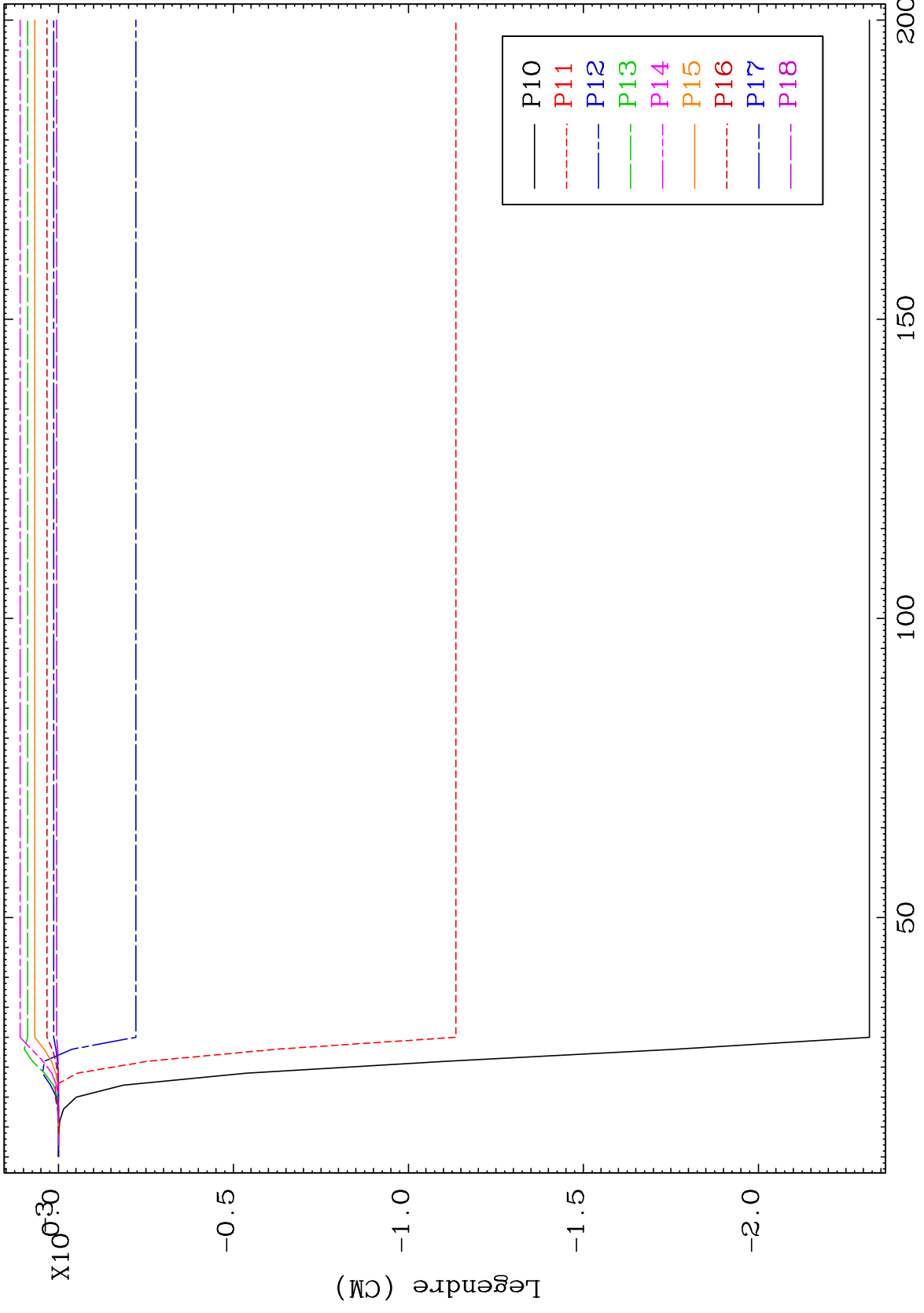


75

Incident Energy (MeV)

14-Si-28

MAT 1425 MT= 71 (n,n') Level Legendre Coefficients 14-Si-28

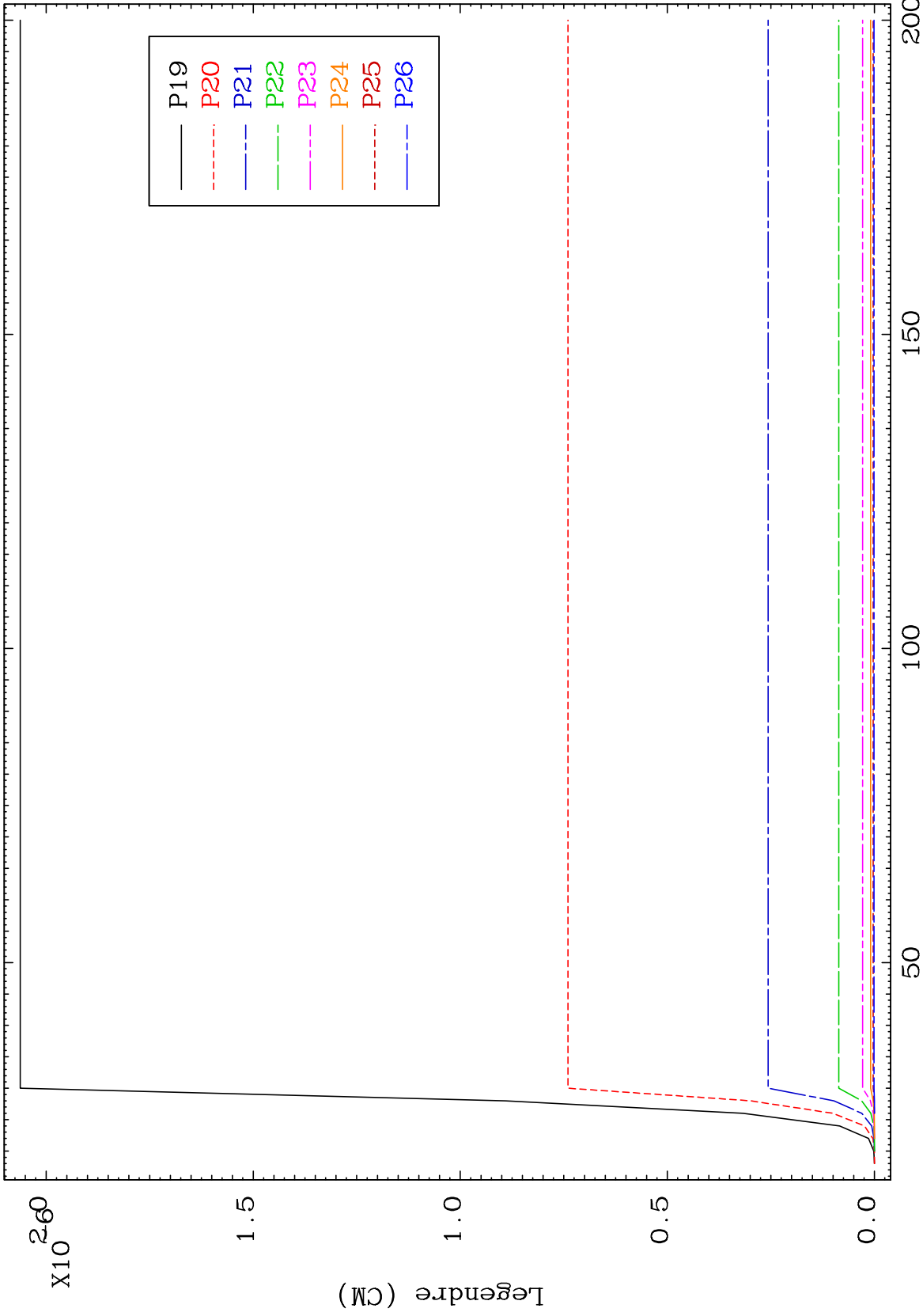


76 14-Si-28

MAT 1425

MT= 71 (n,n') Level
Legendre Coefficients

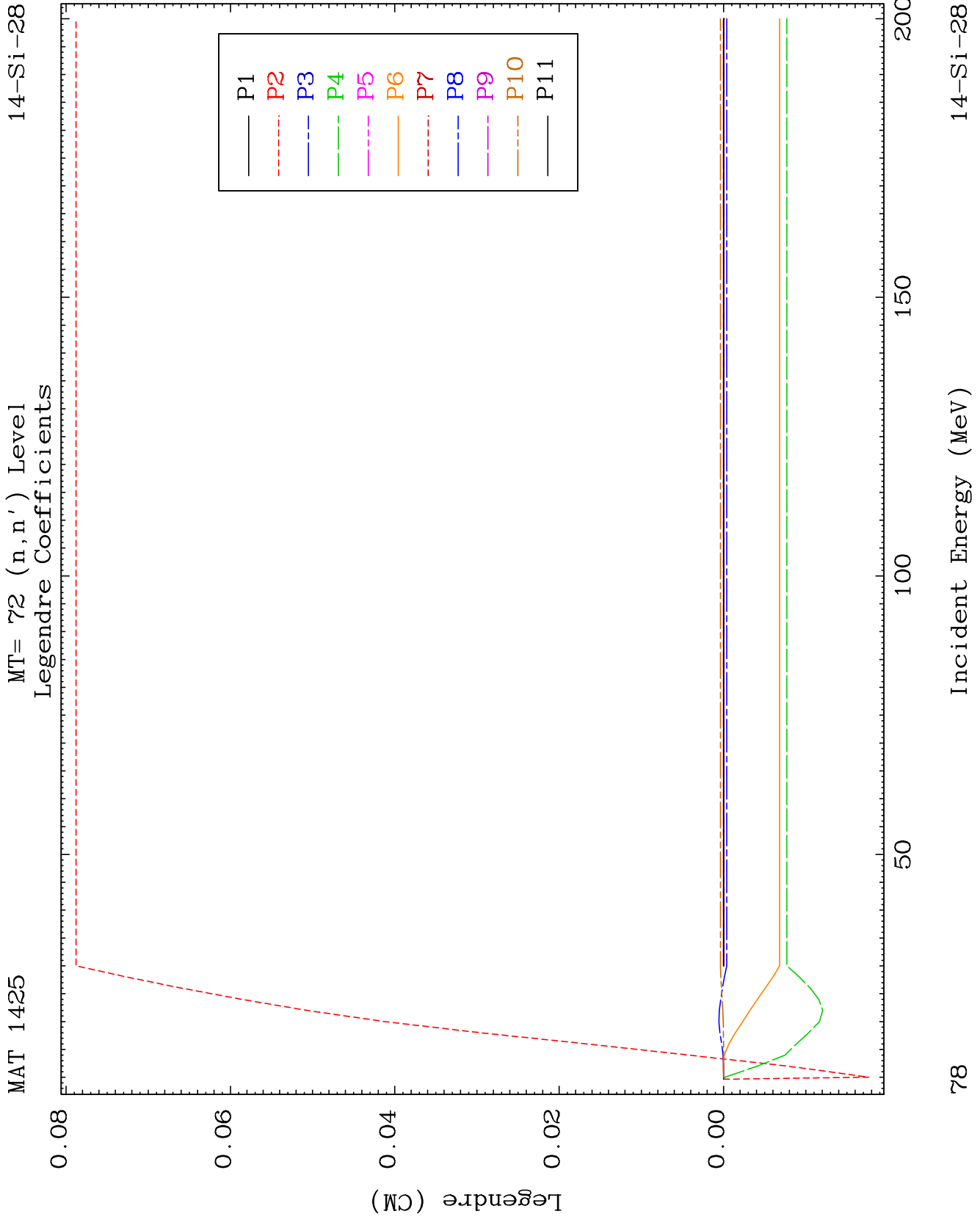
14-Si-28



77

Incident Energy (MeV)

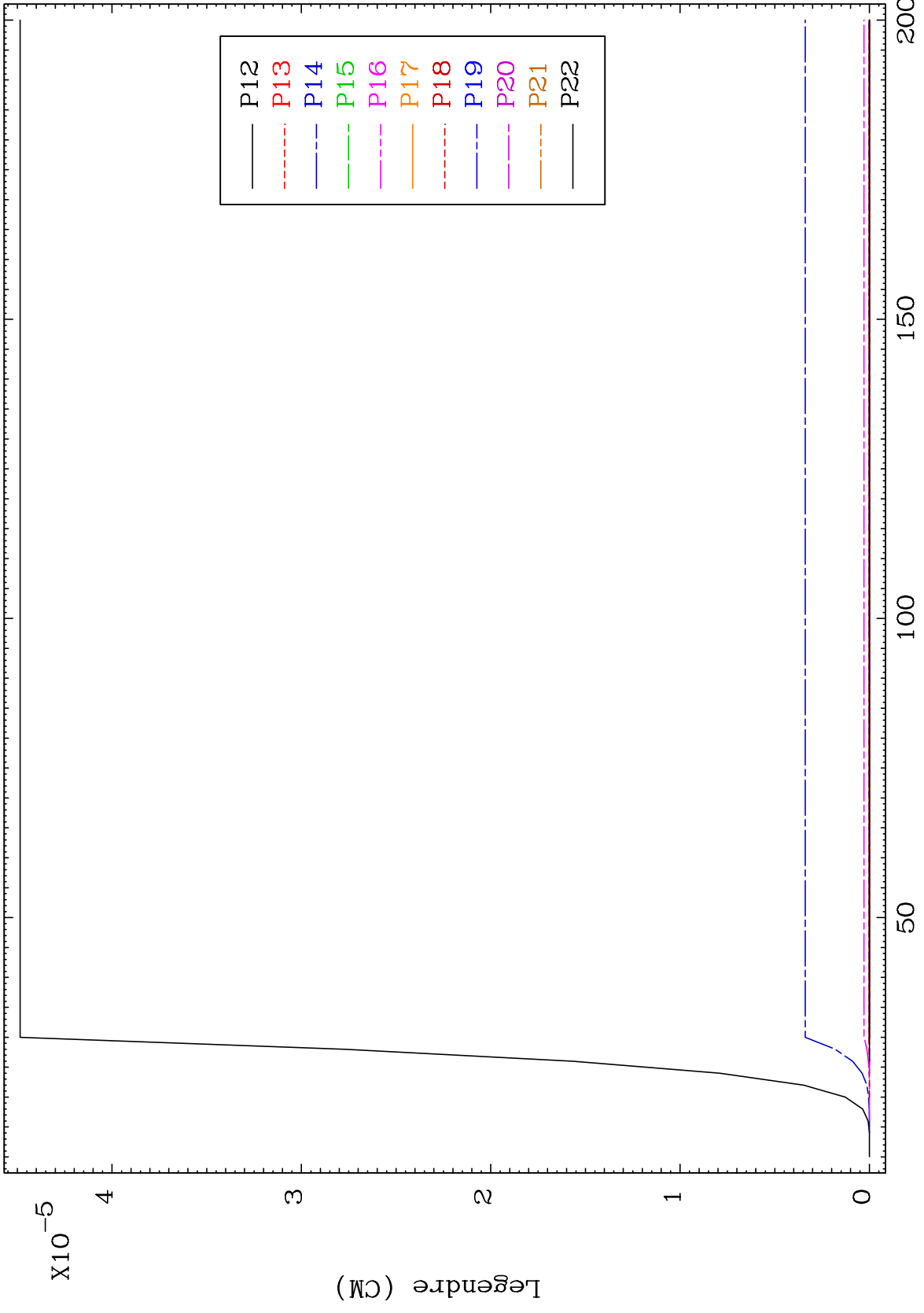
14-Si-28



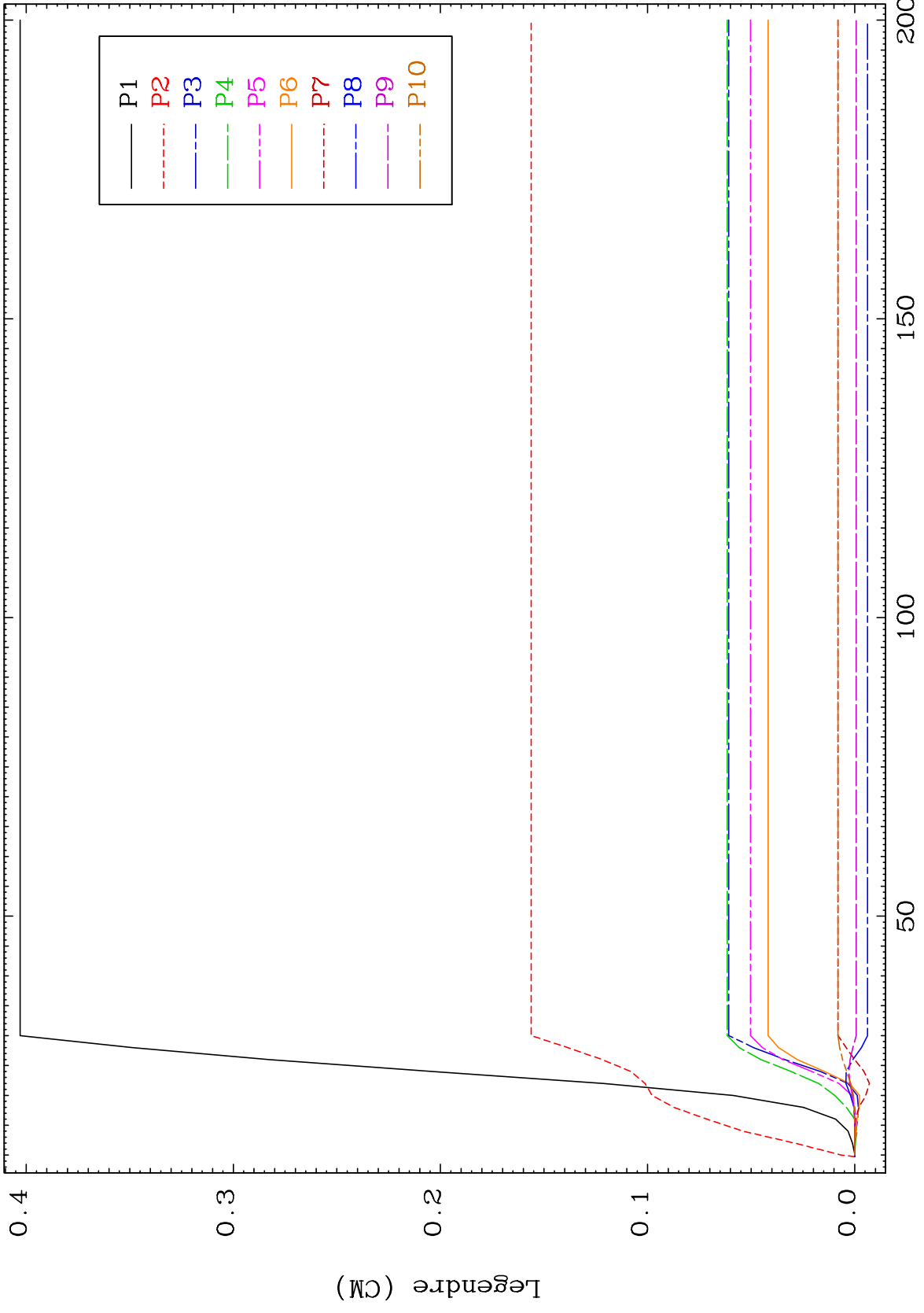
MAT 1425

MT= 72 (n,n') Level
Legendre Coefficients

14-Si-28



MAT 1425 MT= 73 (n,n') Level Legendre Coefficients 14-Si-28

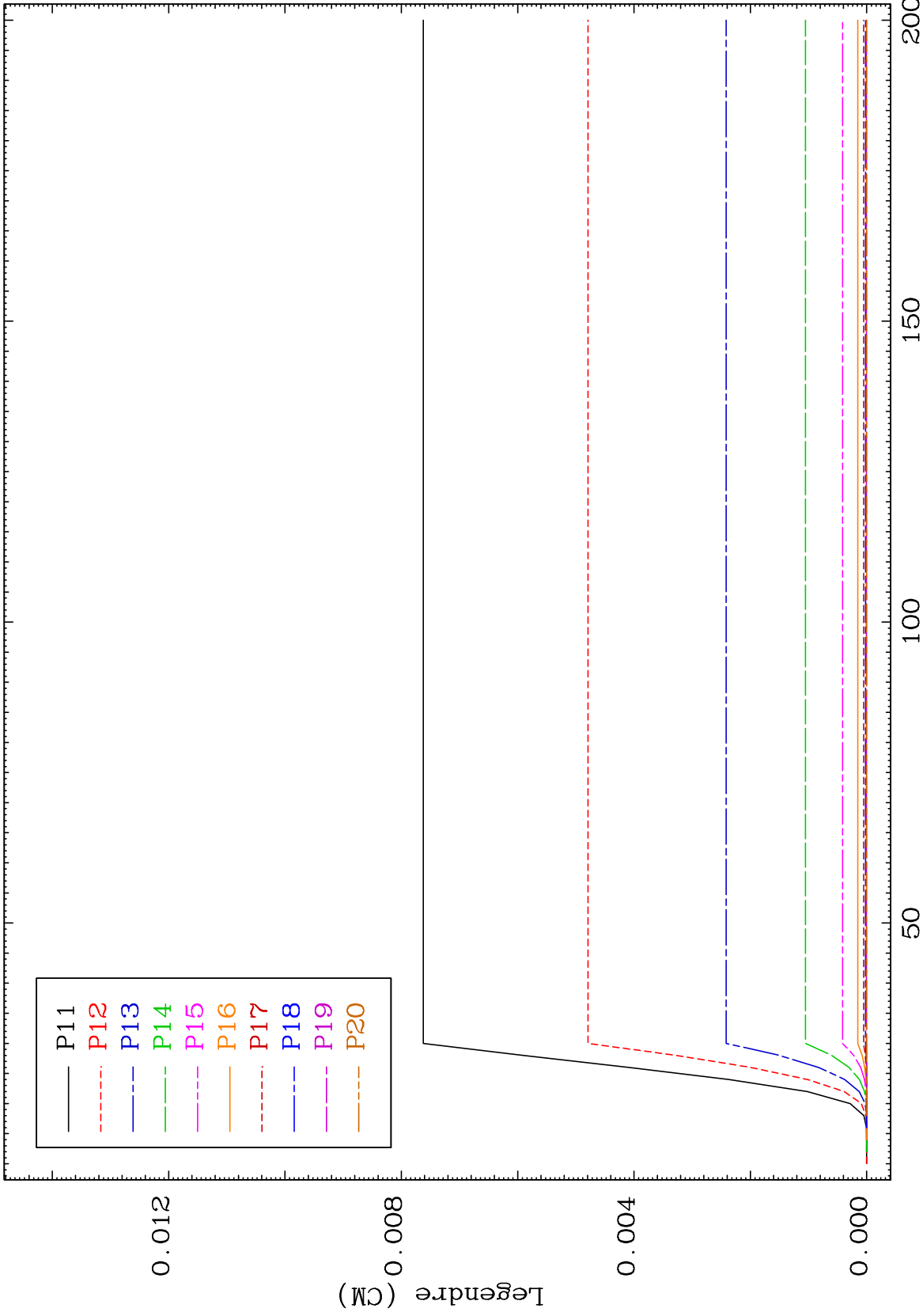


14-Si-28

MAT 1425

MT= 73 (n,n') Level
Legendre Coefficients

¹⁴Si-28



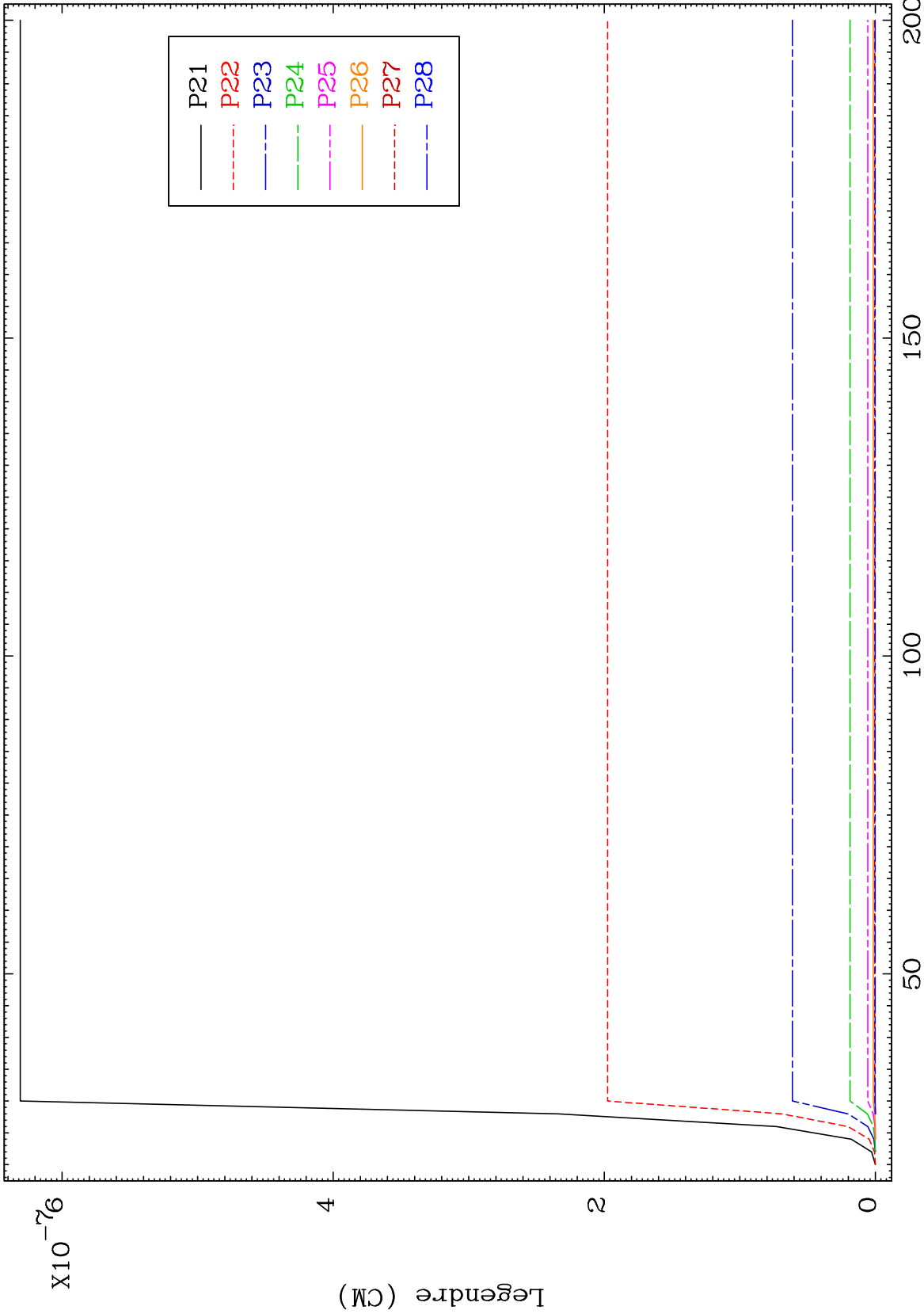
81

¹⁴Si-28

MAT 1425

MT= 73 (n,n') Level
Legendre Coefficients

14-Si-28



82

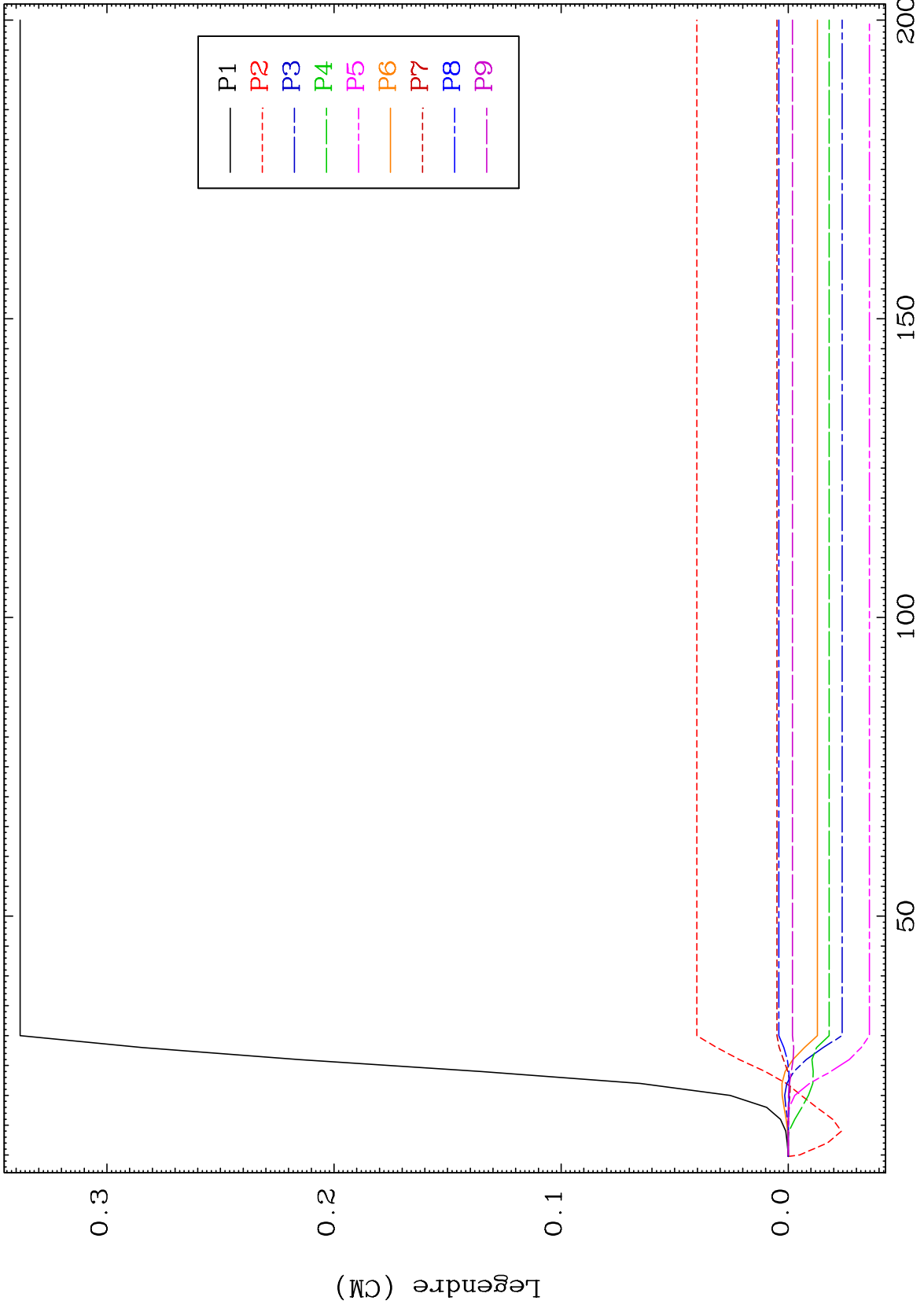
Incident Energy (MeV)

14-Si-28

MAT 1425

MT= 74 (n,n') Level
Legendre Coefficients

14-Si-28

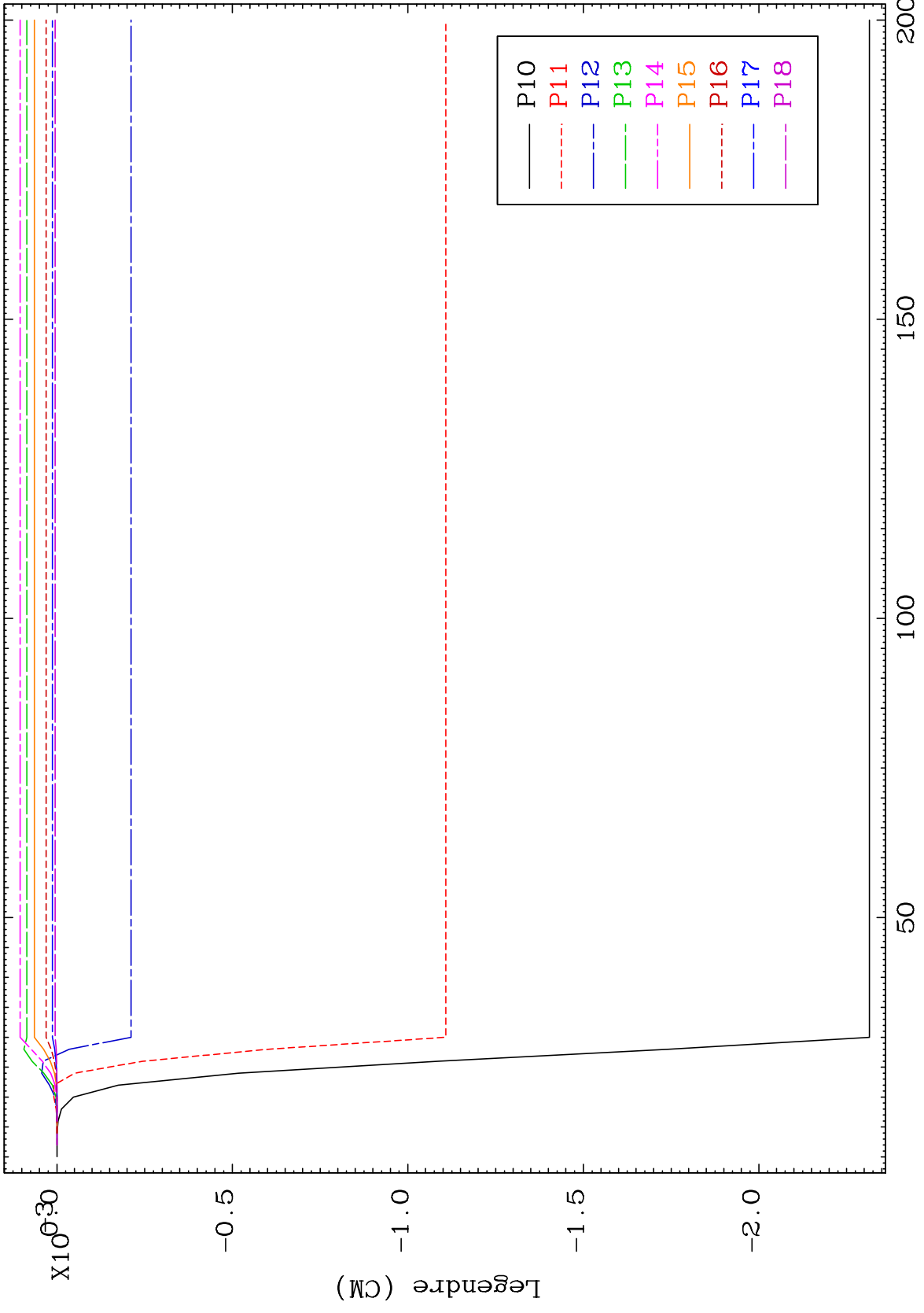


83

Incident Energy (MeV)

14-Si-28

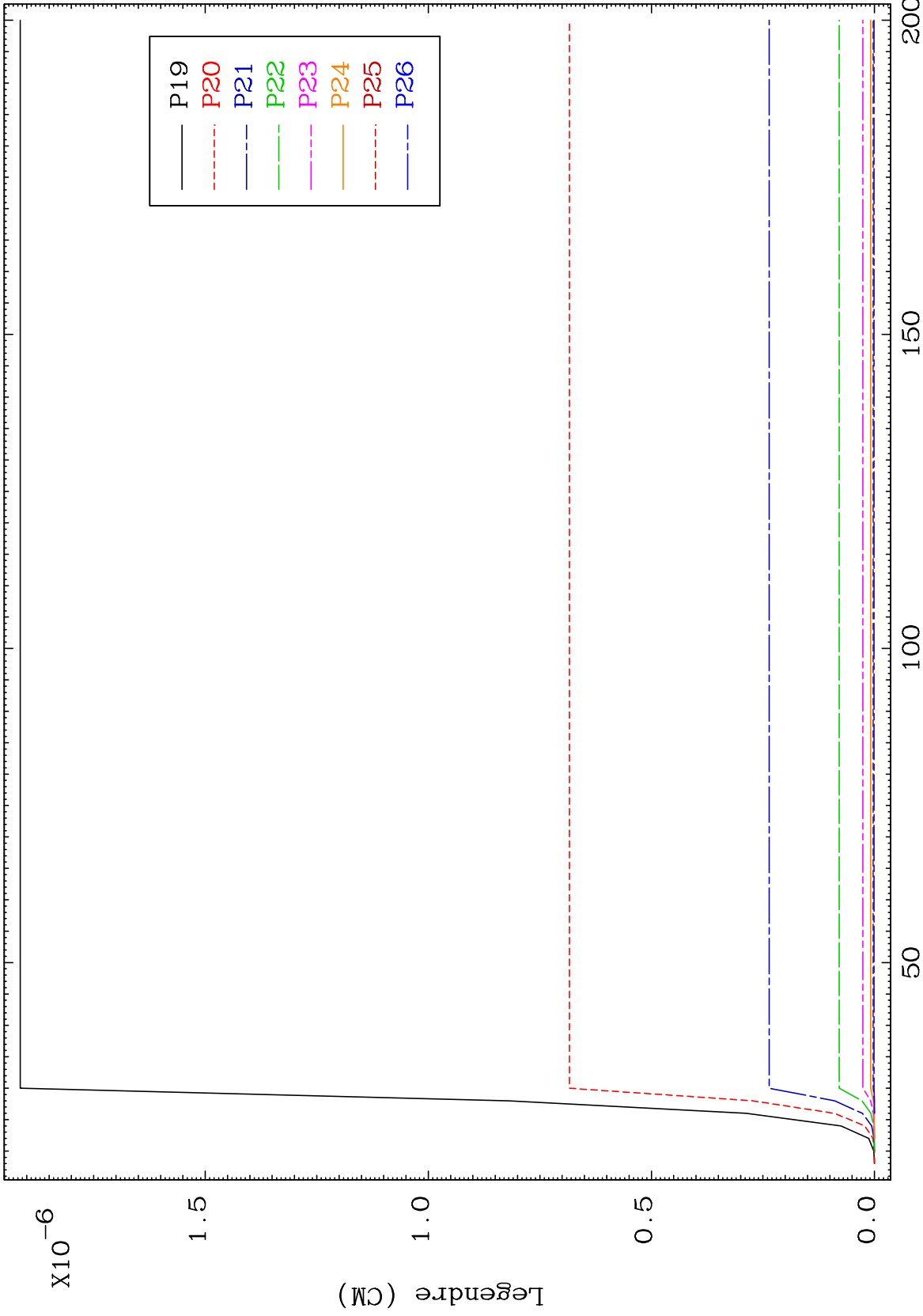
MAT 1425 MT= 74 (n,n') Level Legendre Coefficients 14-Si-28



MAT 1425

MT= 74 (n,n') Level
Legendre Coefficients

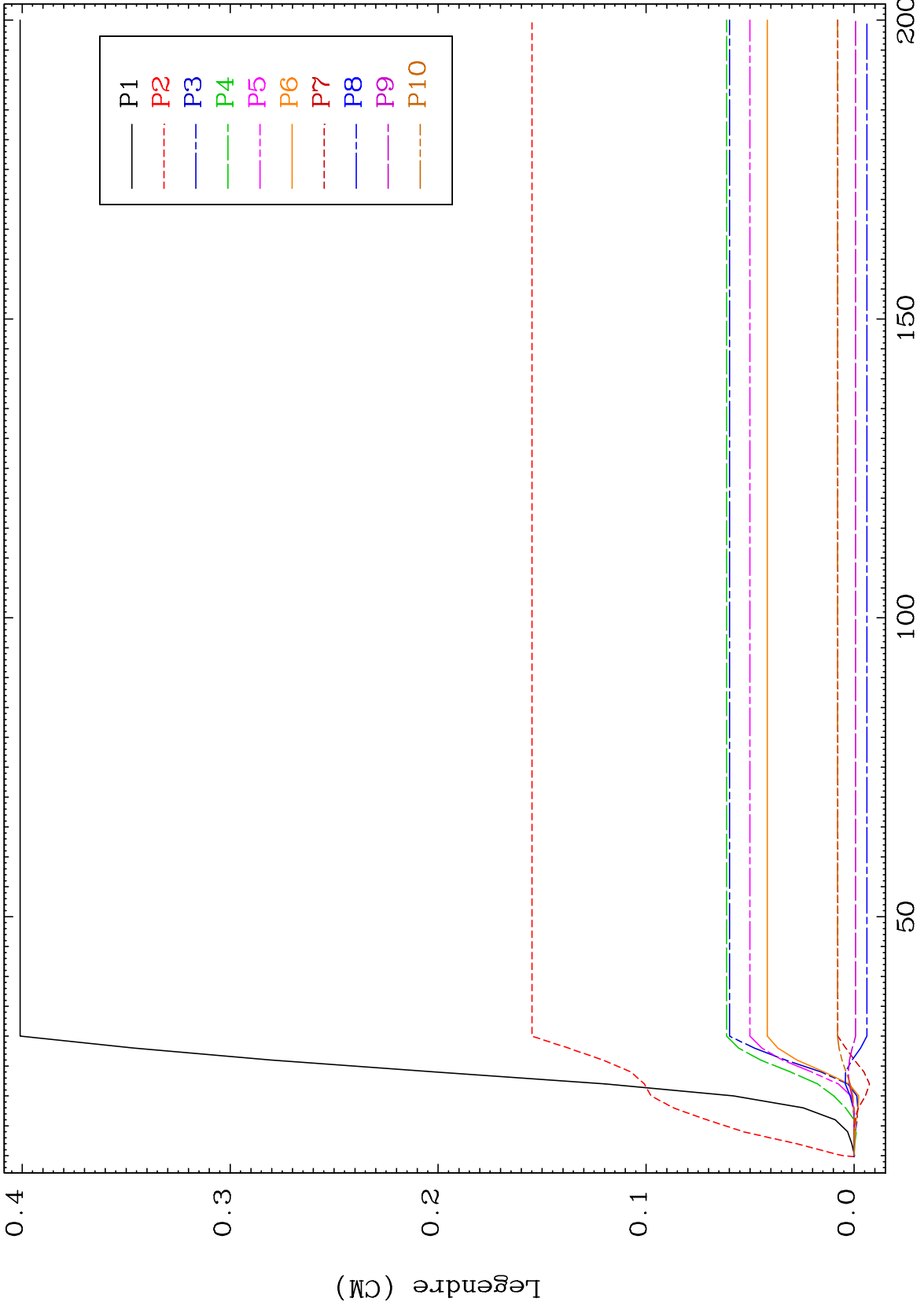
14-Si-28



85

Incident Energy (MeV)

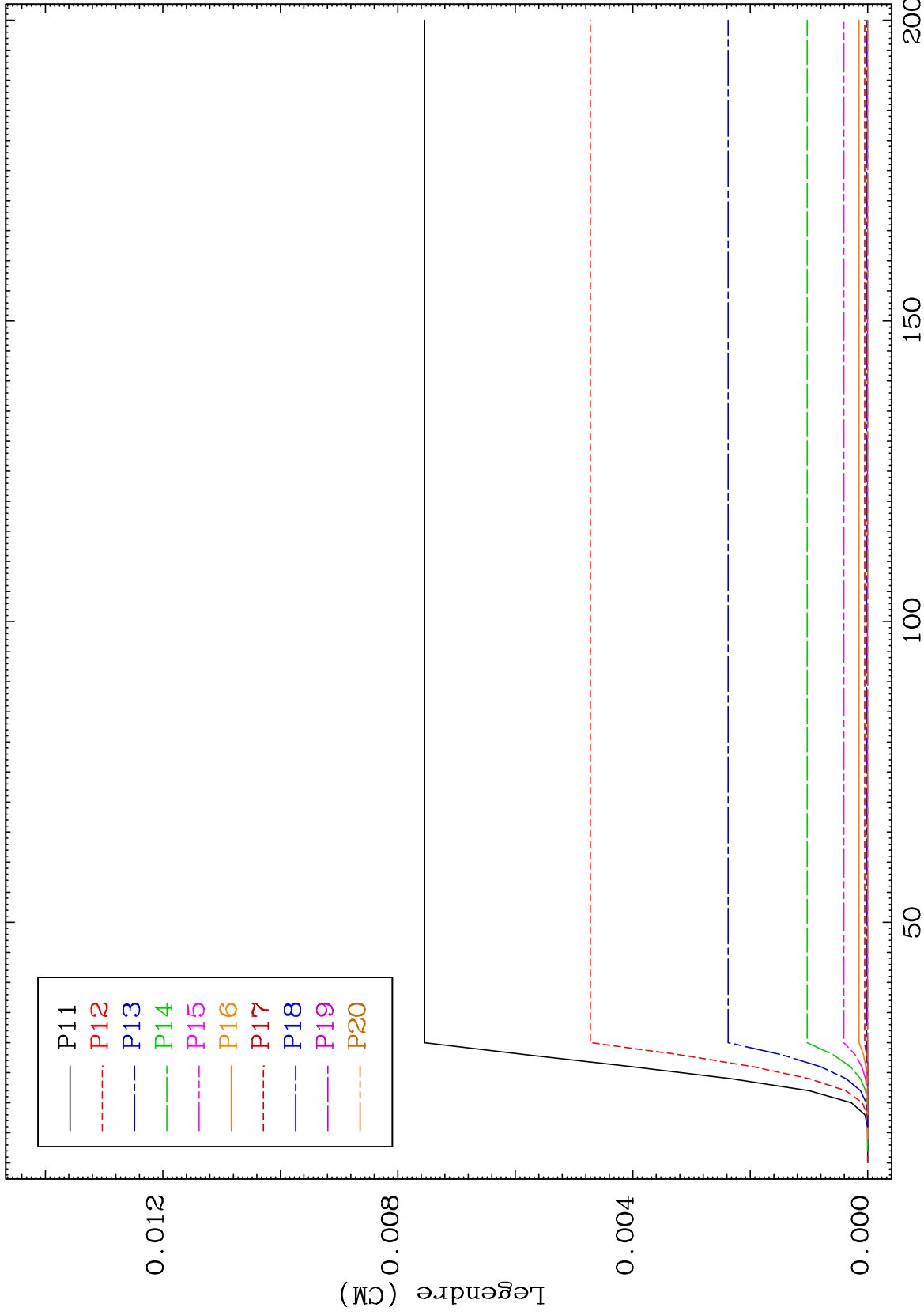
14-Si-28



MAT 1425

MT= 75 (n,n') Level
Legendre Coefficients

14-Si-28



87

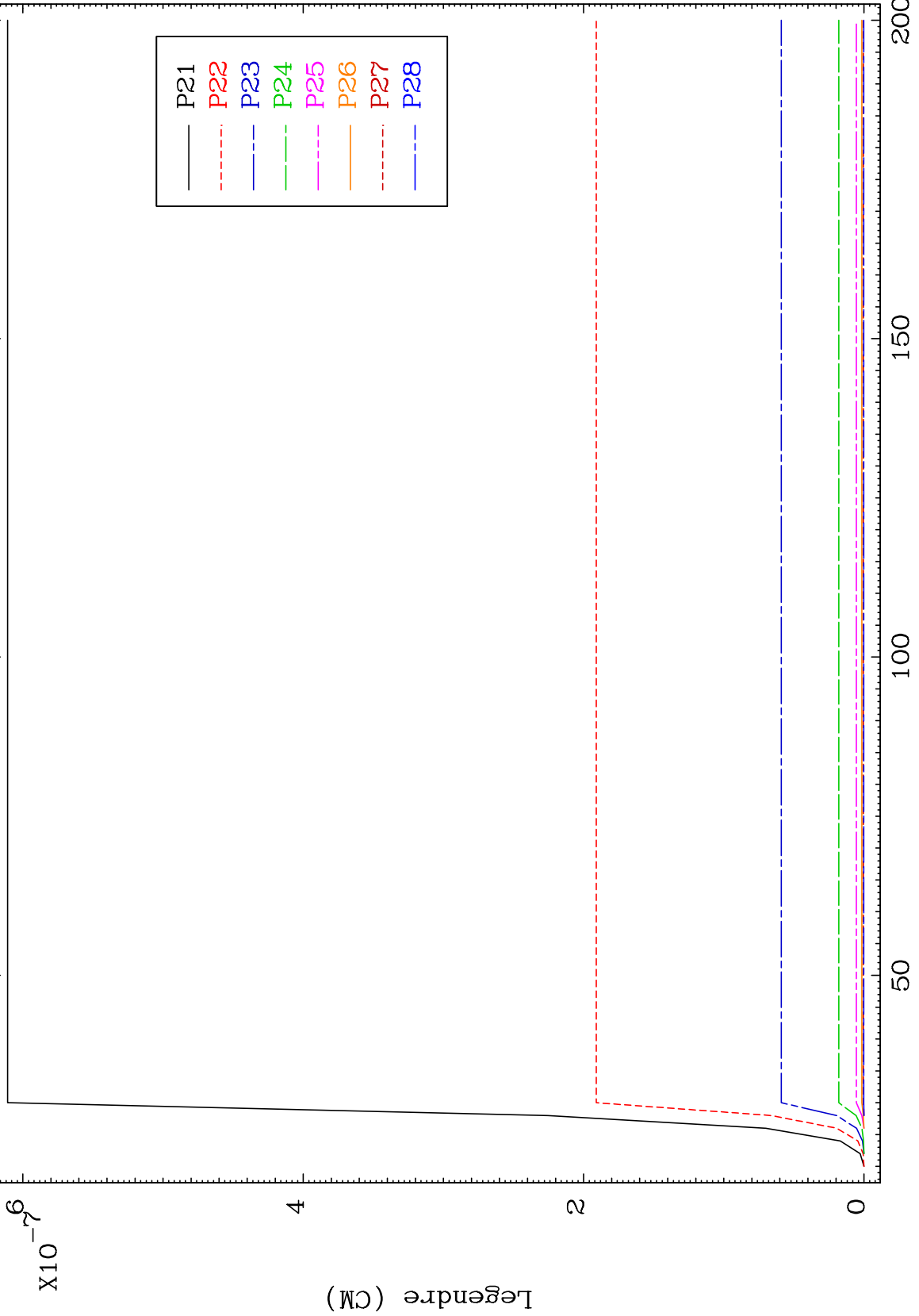
Incident Energy (MeV)

14-Si-28

MAT 1425

MT= 75 (n,n') Level
Legendre Coefficients

14-Si-28

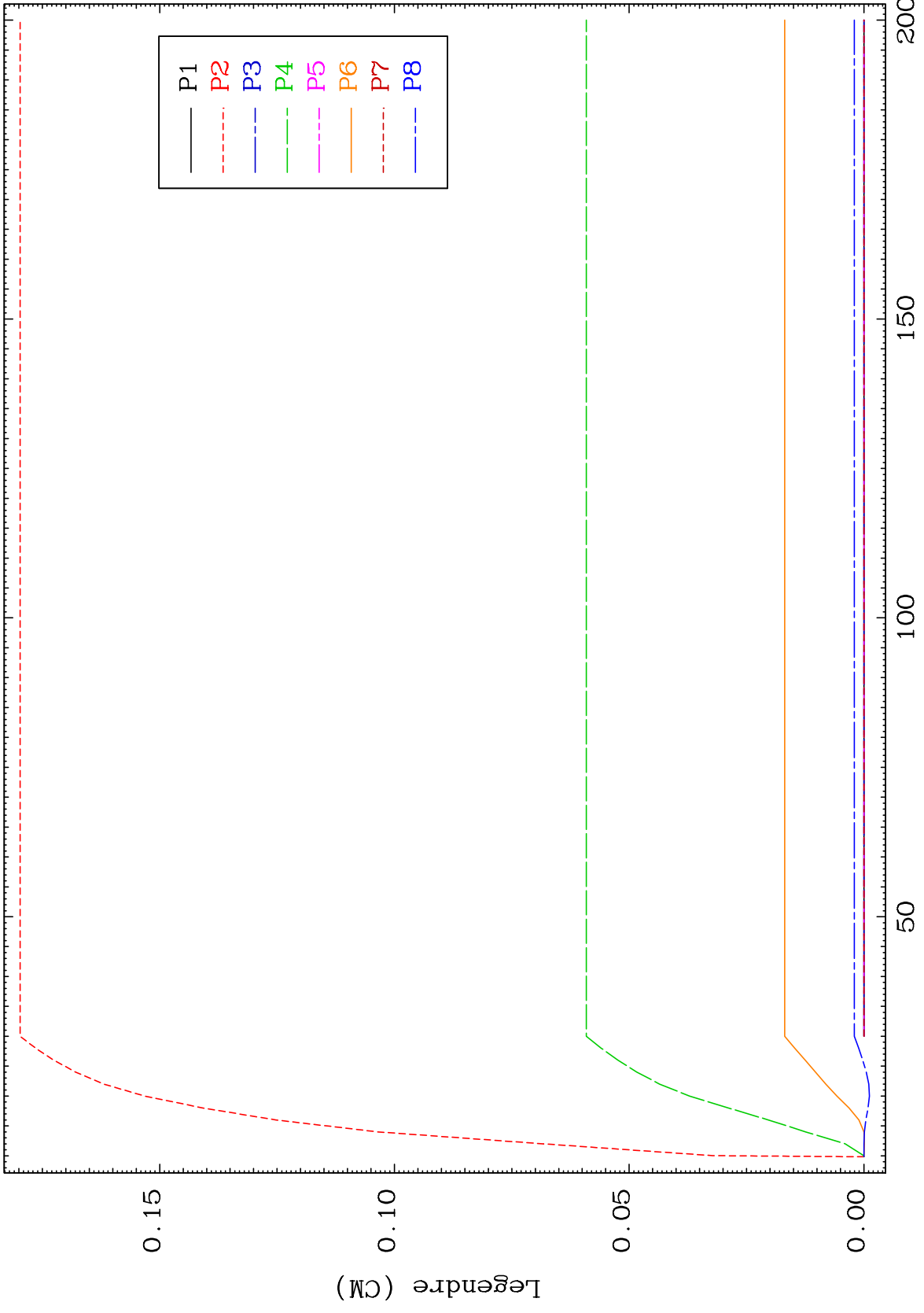


88

Incident Energy (MeV)

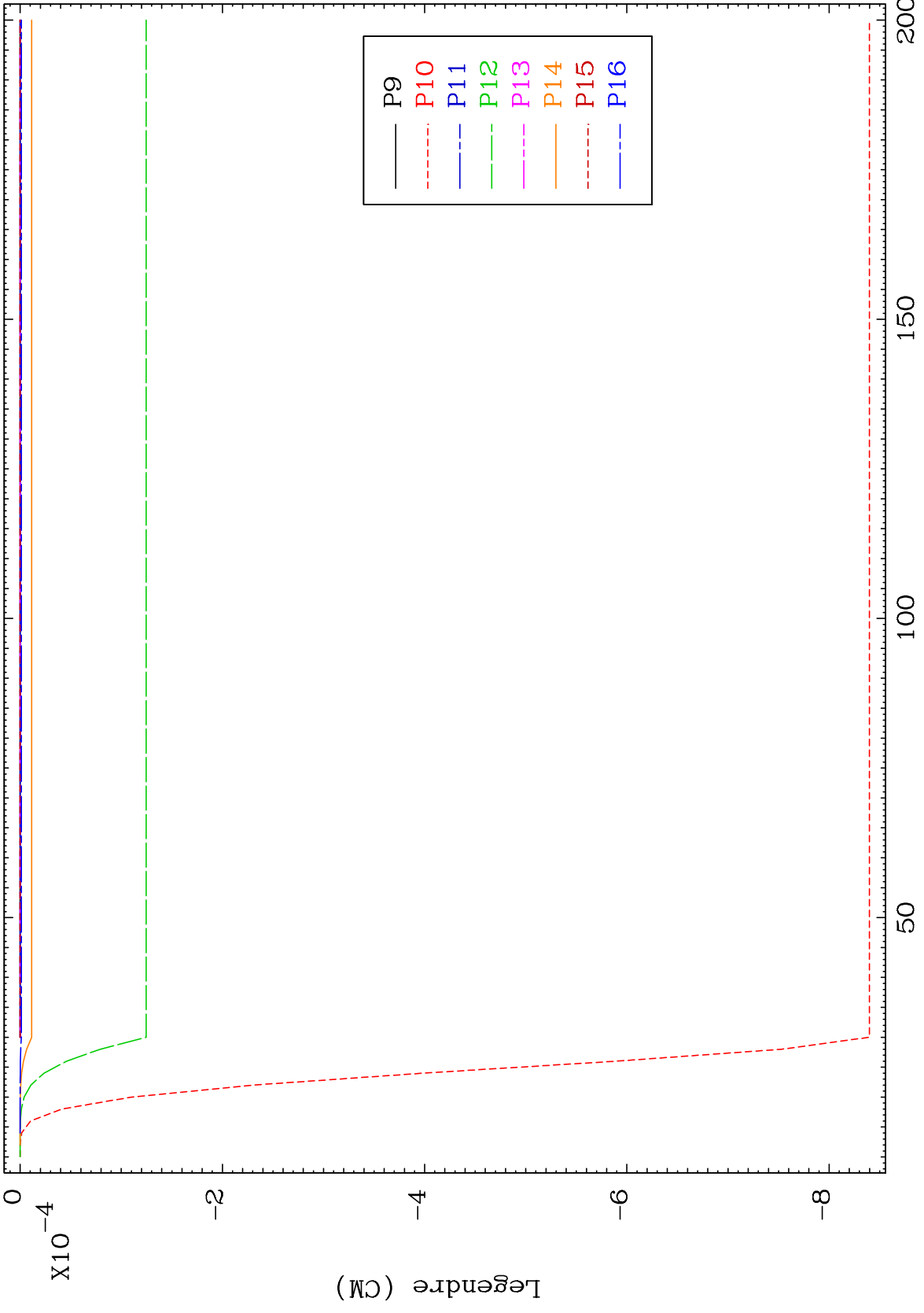
14-Si-28

MAT 1425 MT= 76 (n,n') Level Legendre Coefficients 14-Si-28



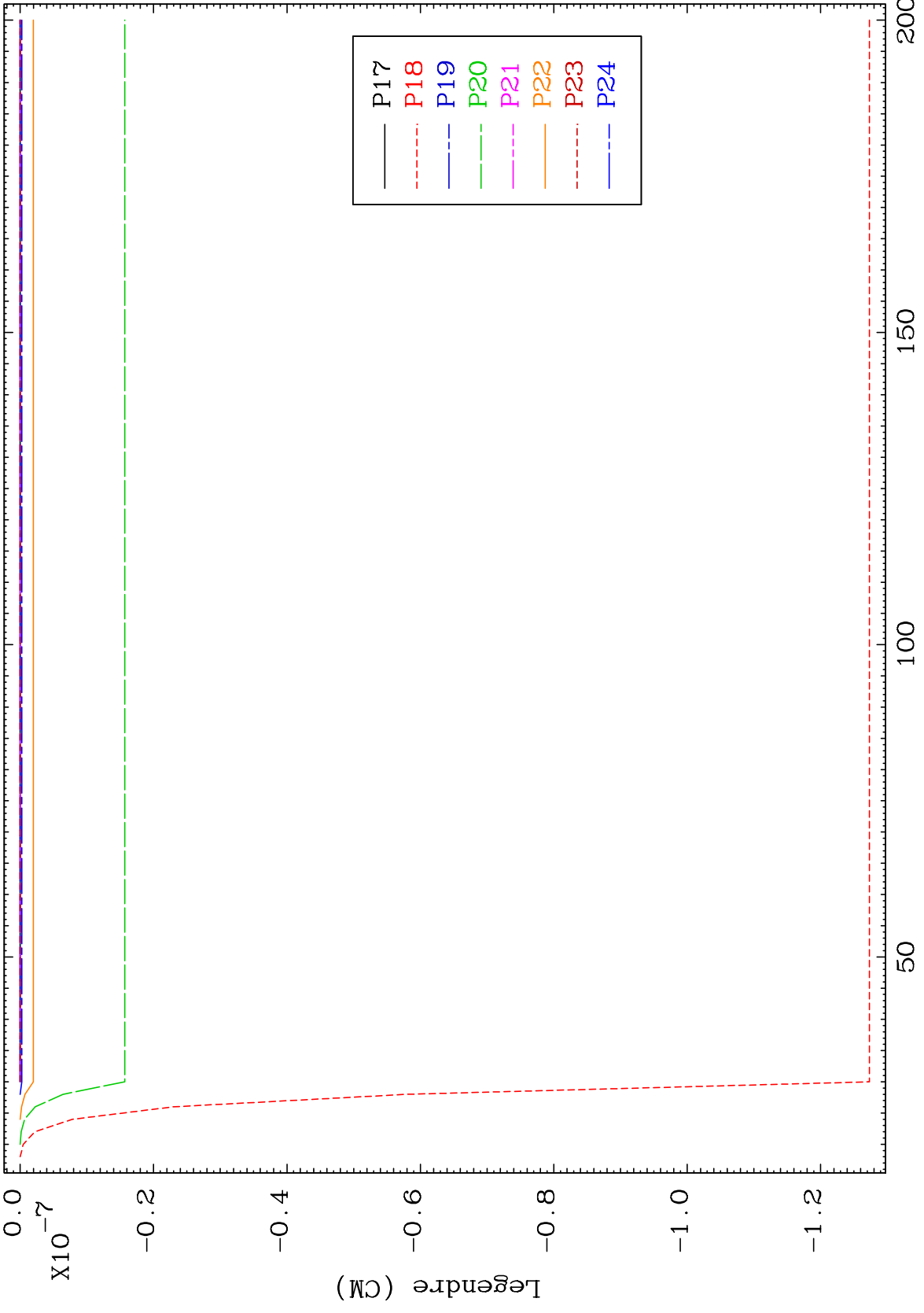
89 Incident Energy (MeV) 14-Si-28

MAT 1425 MT= 76 (n,n') Level Legendre Coefficients 14-Si-28



90 14-Si-28

MAT 1425 MT= 76 (n,n') Level Legendre Coefficients 14-Si-28

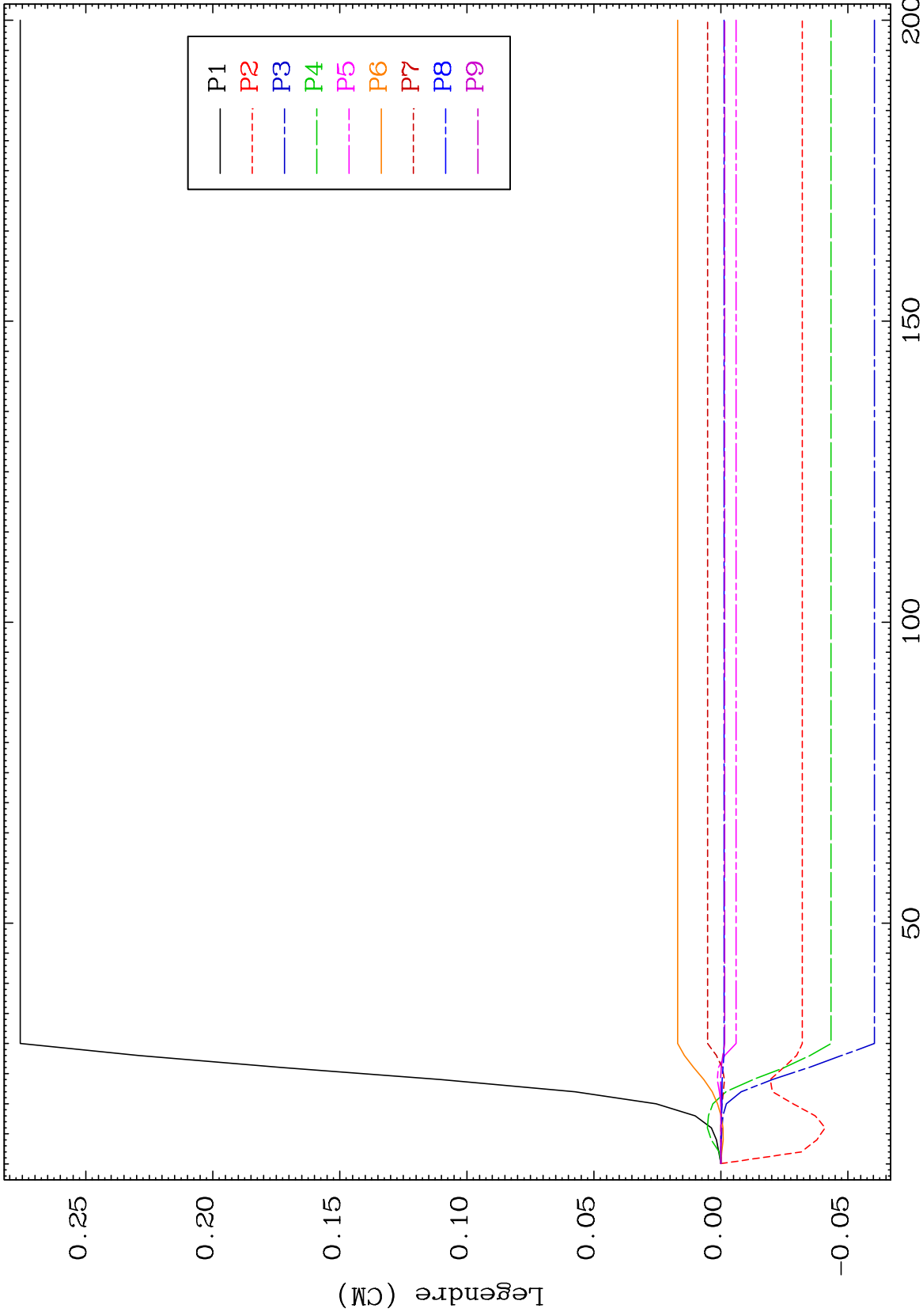


91 14-Si-28

MAT 1425

MT= 77 (n,n') Level
Legendre Coefficients

14-Si-28

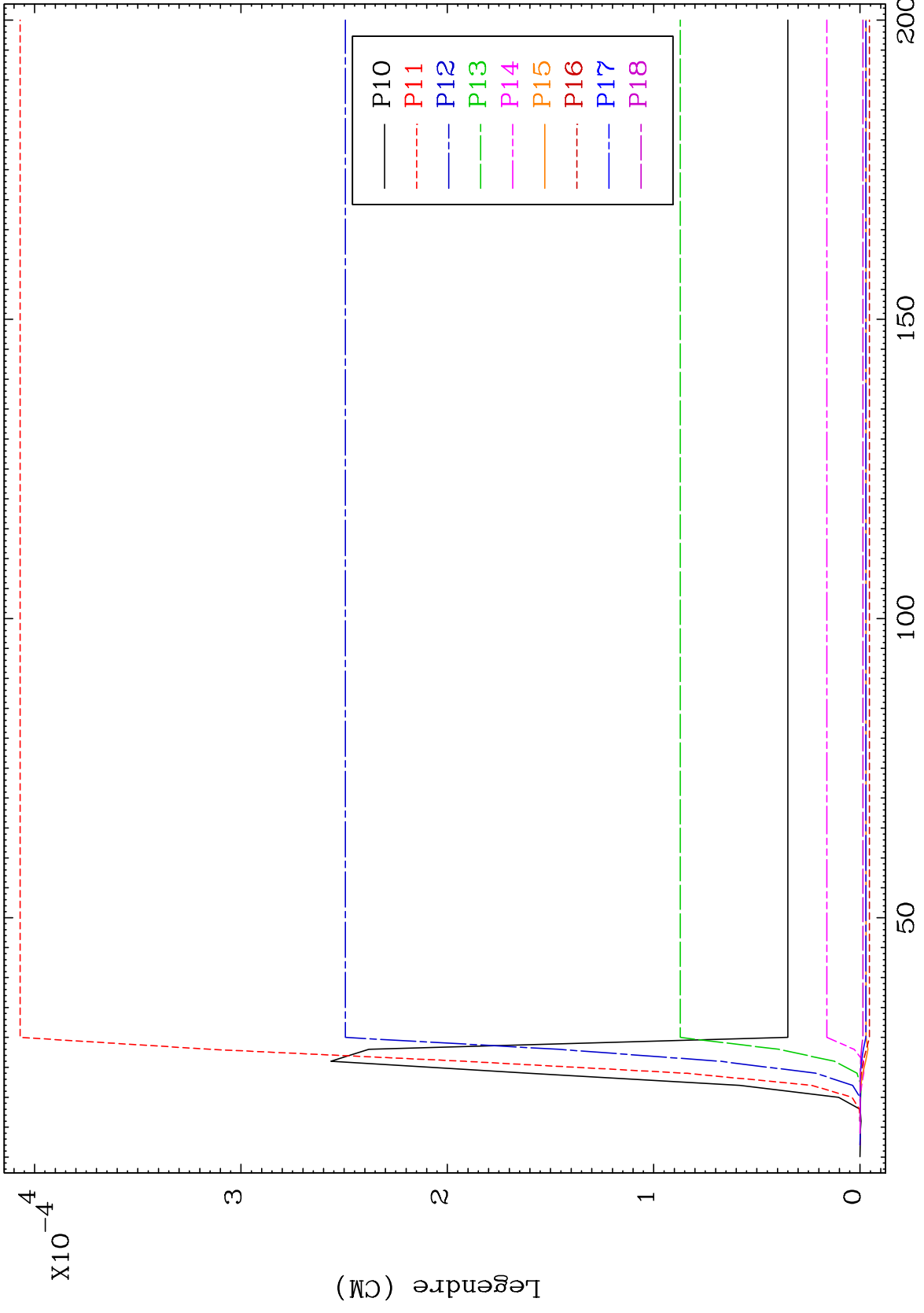


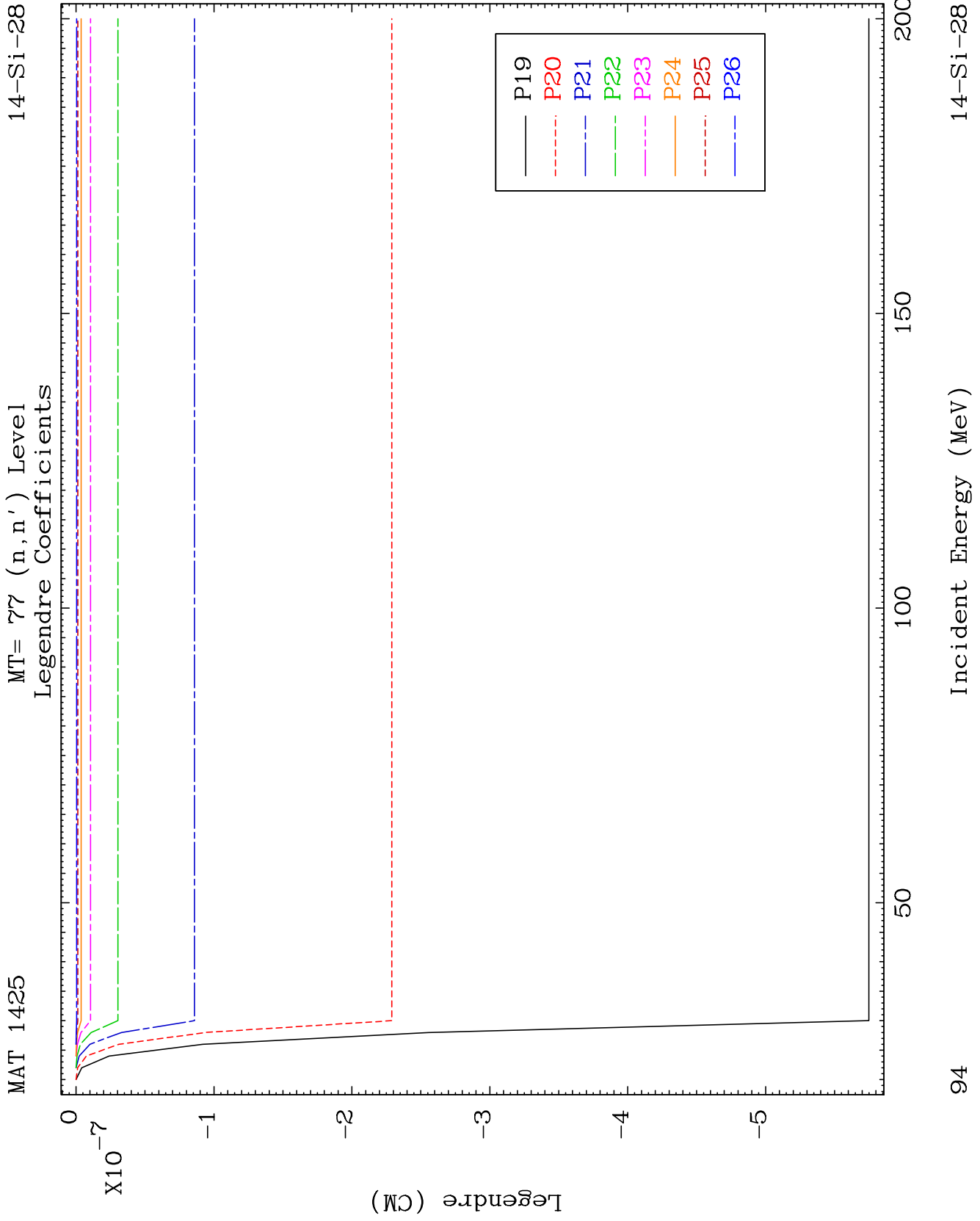
92

Incident Energy (MeV)

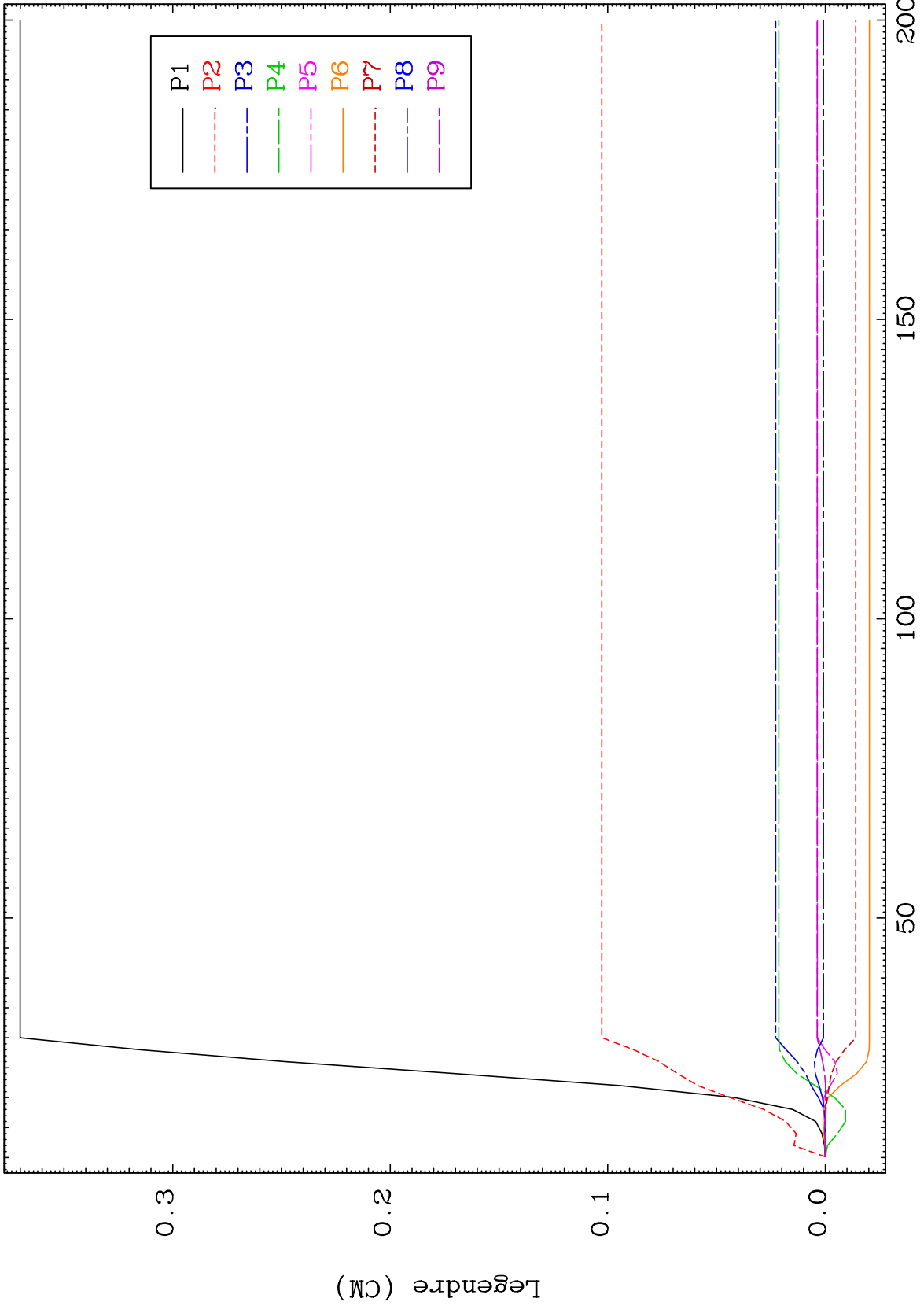
14-Si-28

MAT 1425 MT= 77 (n,n') Level Legendre Coefficients 14-Si-28





MAT 1425 MT= 78 (n,n') Level Legendre Coefficients 14-Si-28

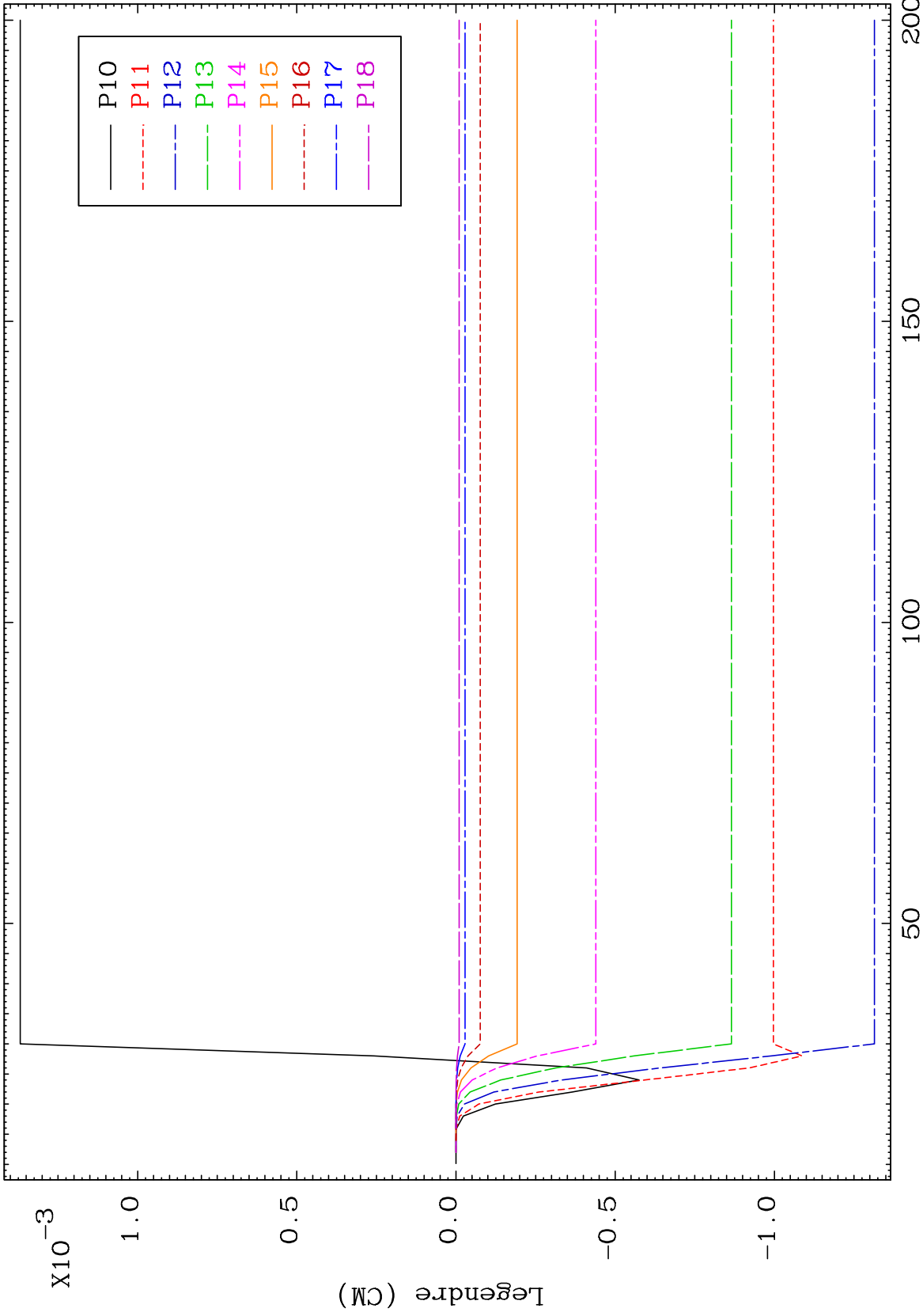


95 Incident Energy (MeV) 14-Si-28

MAT 1425

MT= 78 (n,n') Level
Legendre Coefficients

14-Si-28

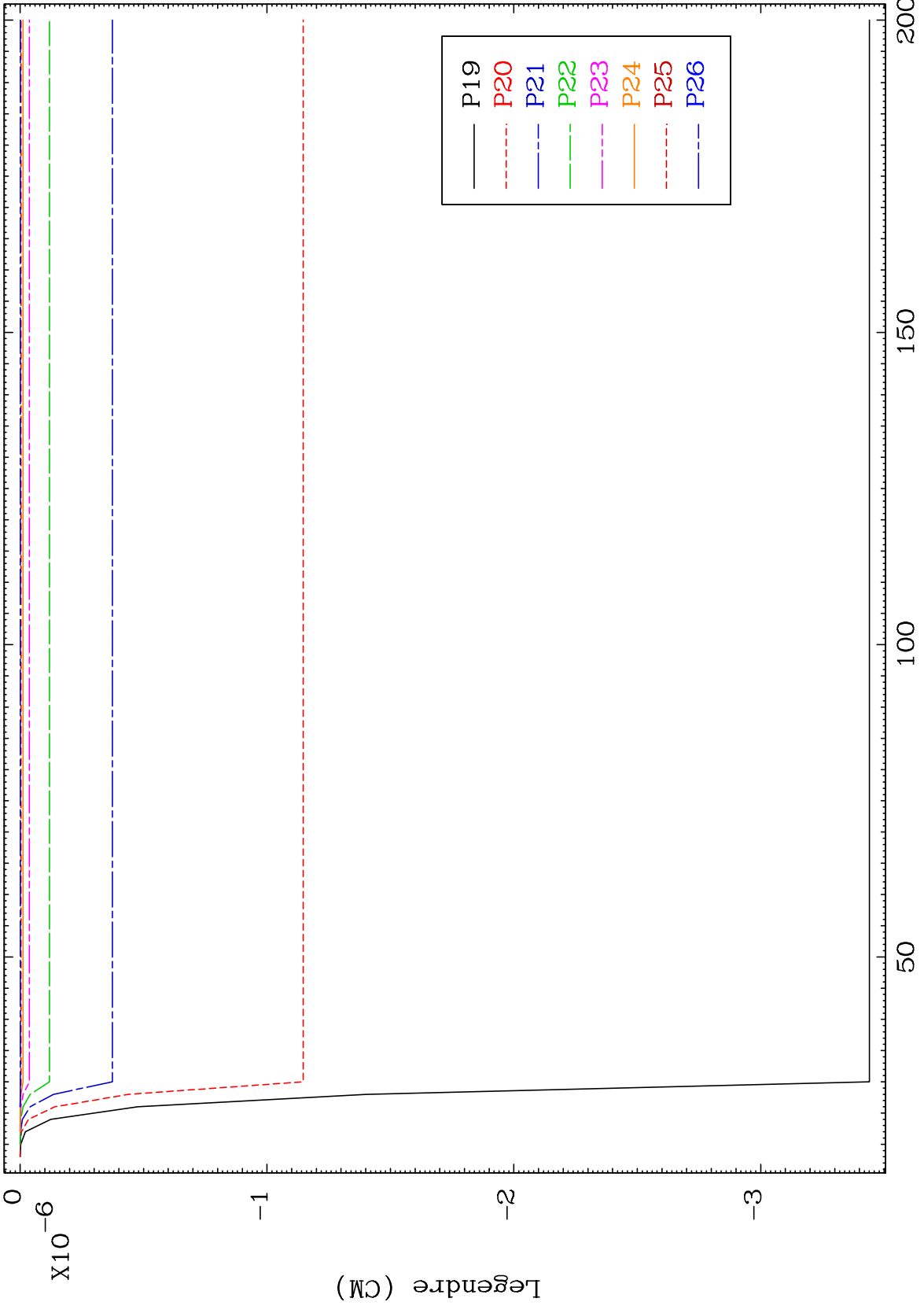


96

Incident Energy (MeV)

14-Si-28

MAT 1425 MT= 78 (n,n') Level Legendre Coefficients 14-Si-28

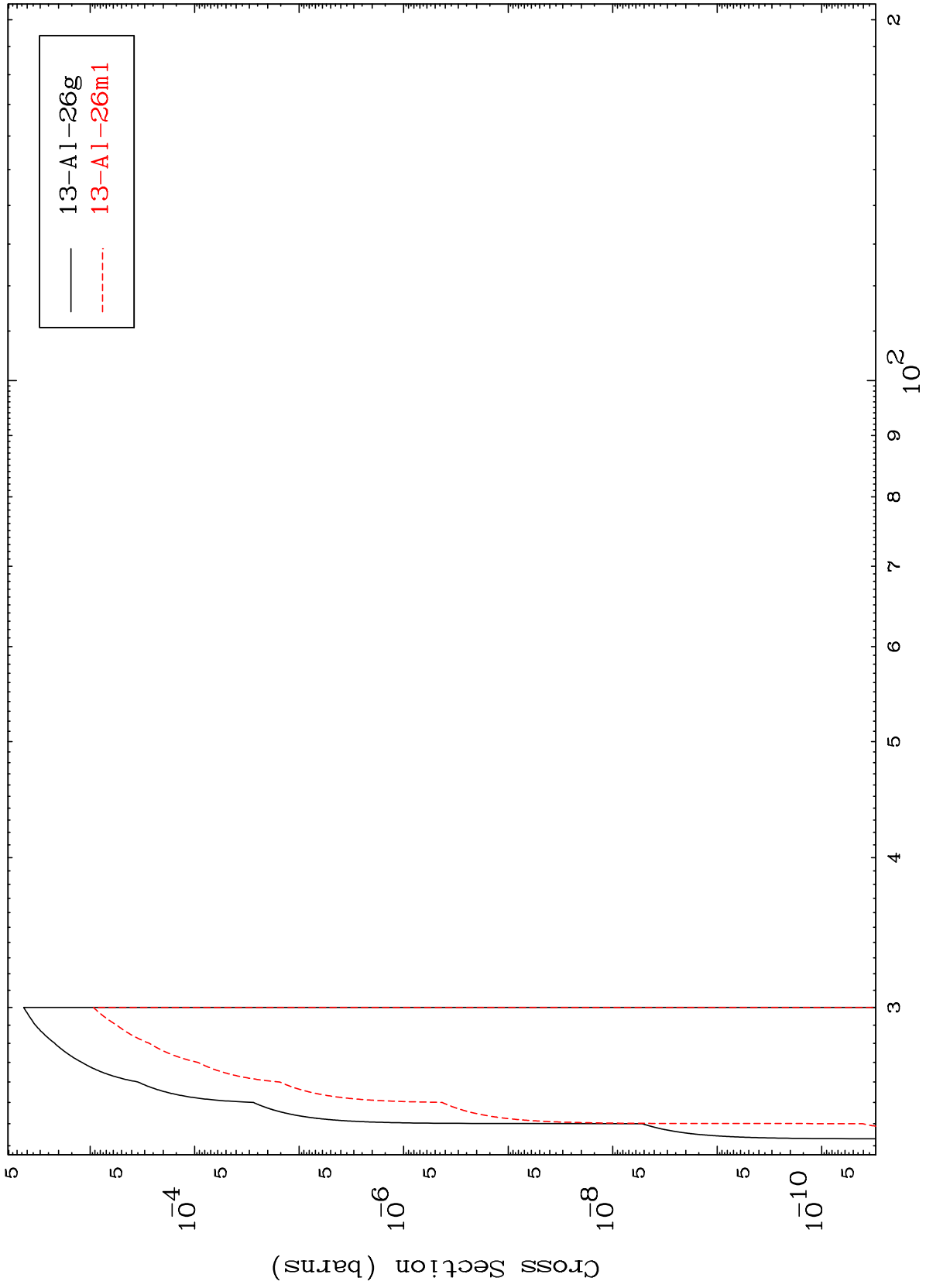


MAT 1425

(n,n') d

14-Si-28

Radionuclide Production Cross Section



98

Incident Energy (MeV)

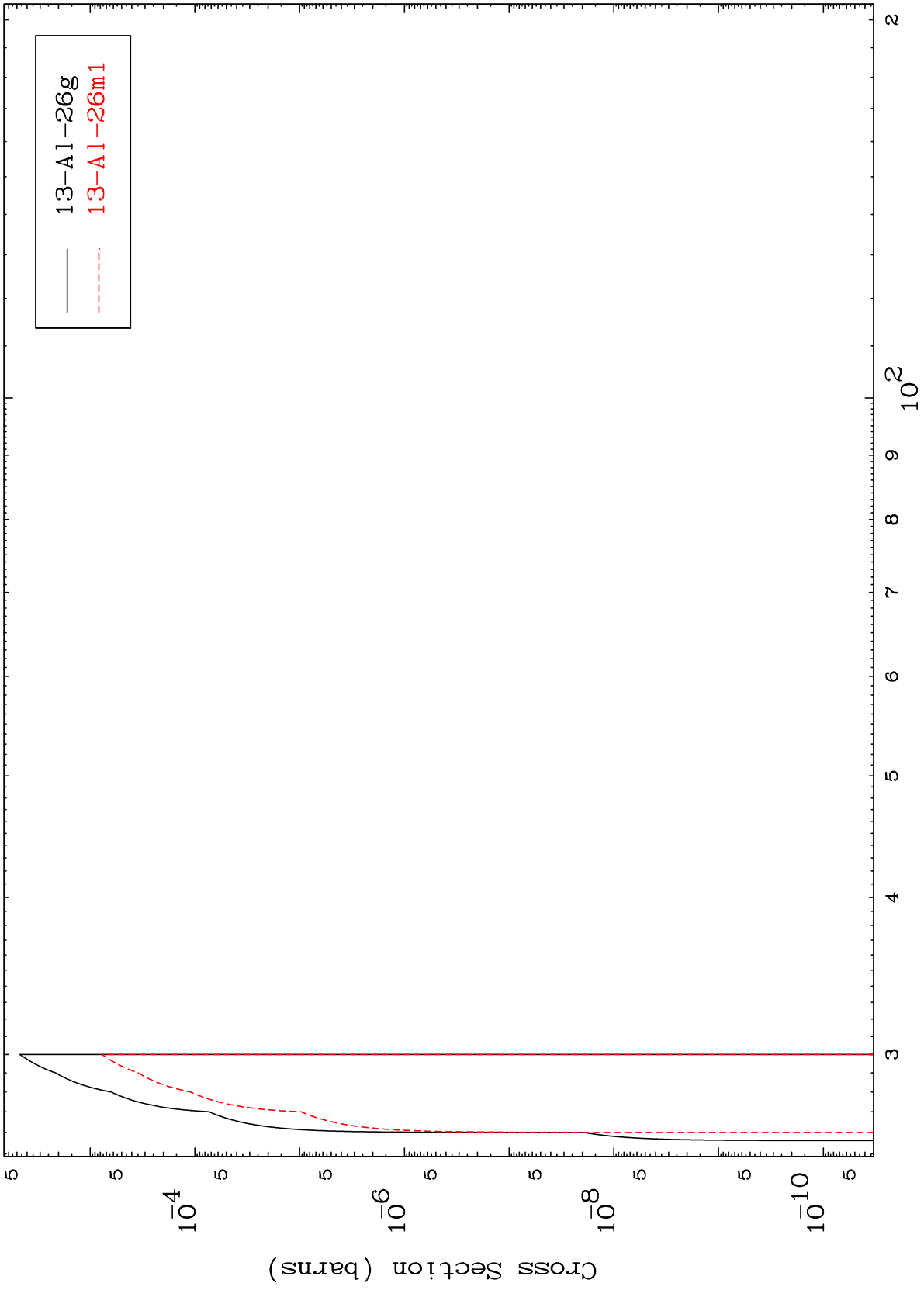
14-Si-28

MAT 1425

(n,2n) p

¹⁴Si-28

Radionuclide Production Cross Section



99

Incident Energy (MeV)

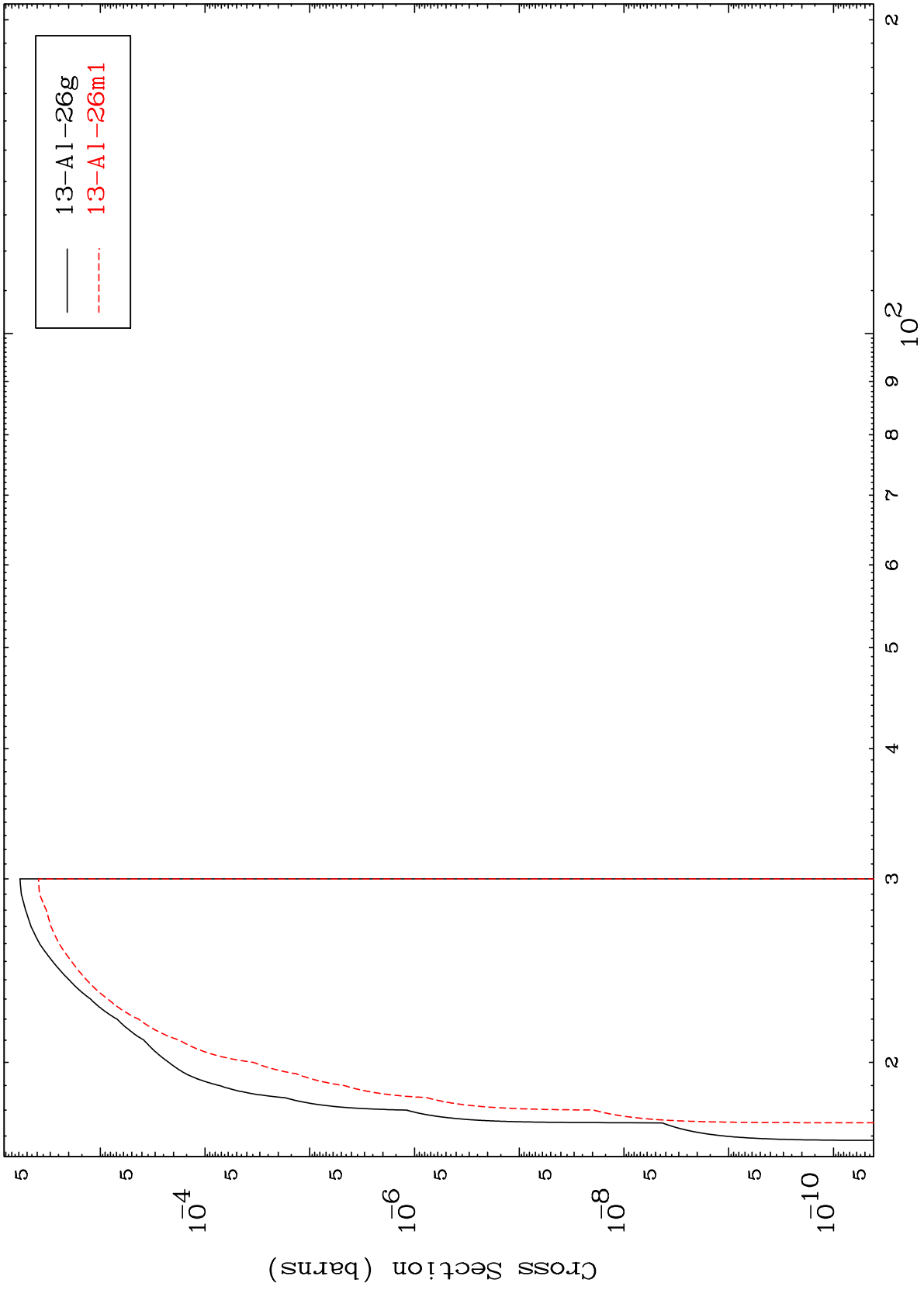
¹⁴Si-28

MAT 1425

(n, t)

¹⁴Si-28

Radionuclide Production Cross Section



100

Incident Energy (MeV)

¹⁴Si-28