

Program EVALPLOT
(Version 2021-1)

by

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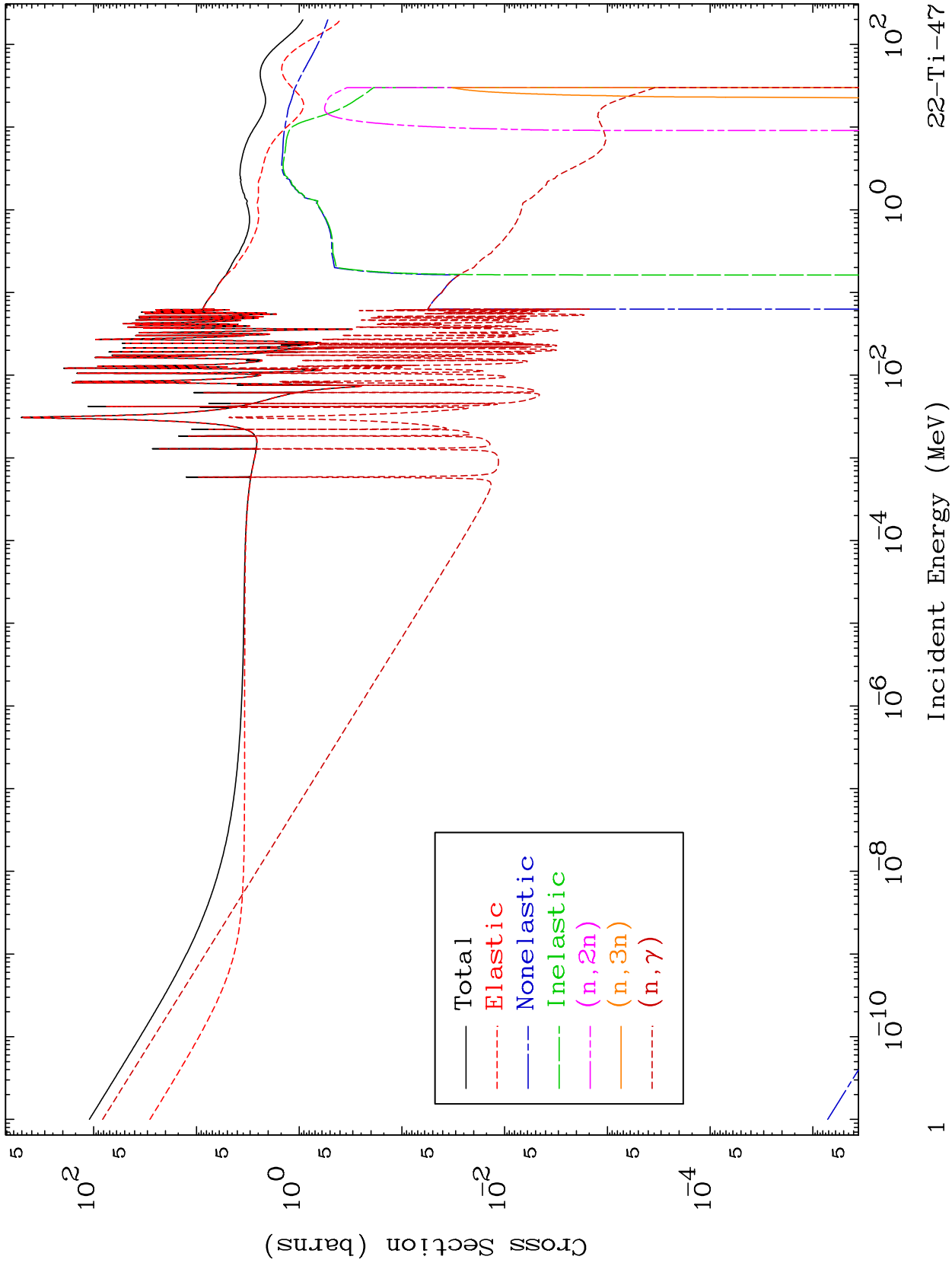
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2228

Neutron Major
293 Kelvin Cross Sections

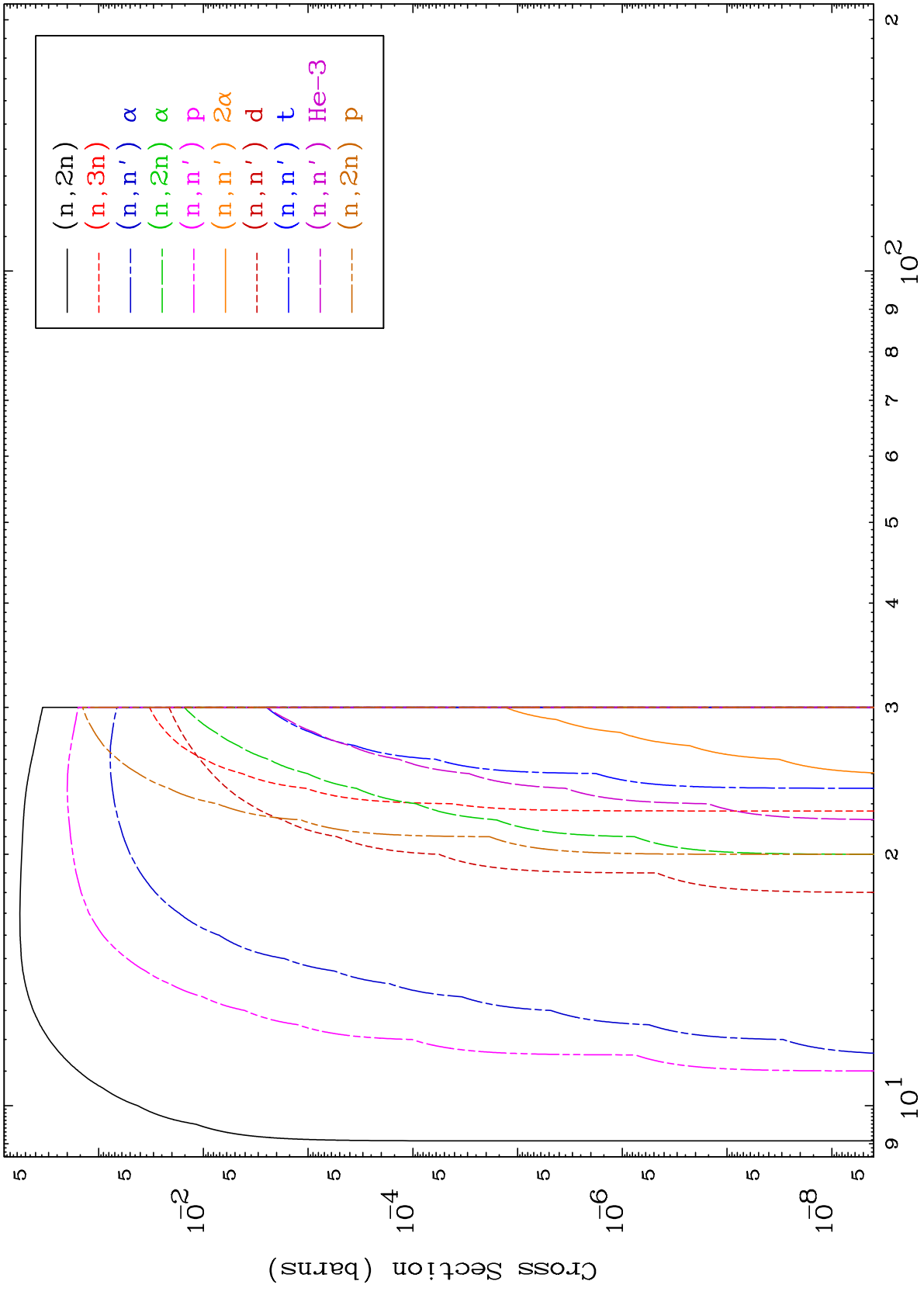
22-Ti-47



MAT 2228

Neutron Absorption
293 Kelvin Cross Sections

22-Ti-47



22-Ti-47

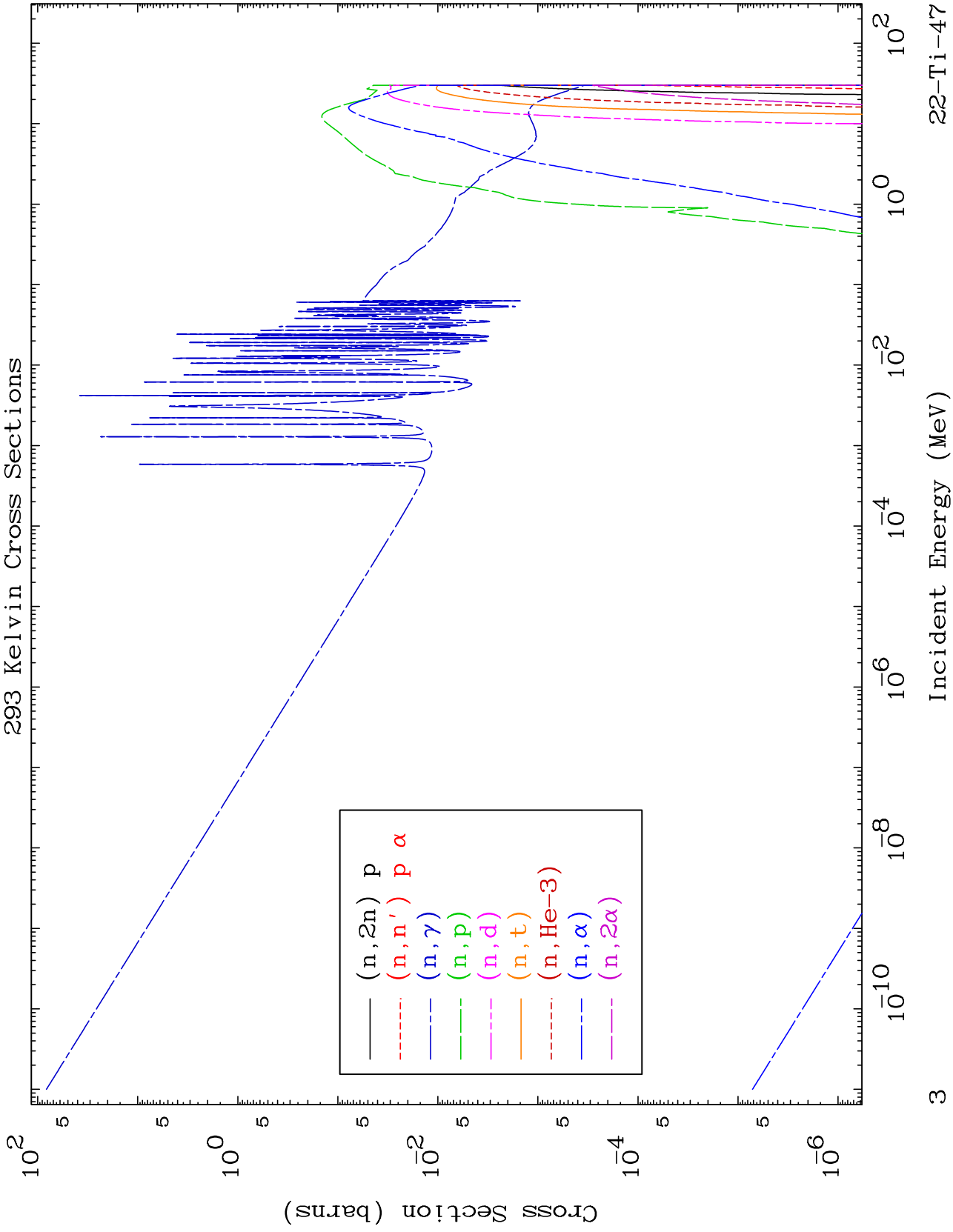
Incident Energy (MeV)

2

MAT 2228

Neutron Absorption
293 Kelvin Cross Sections

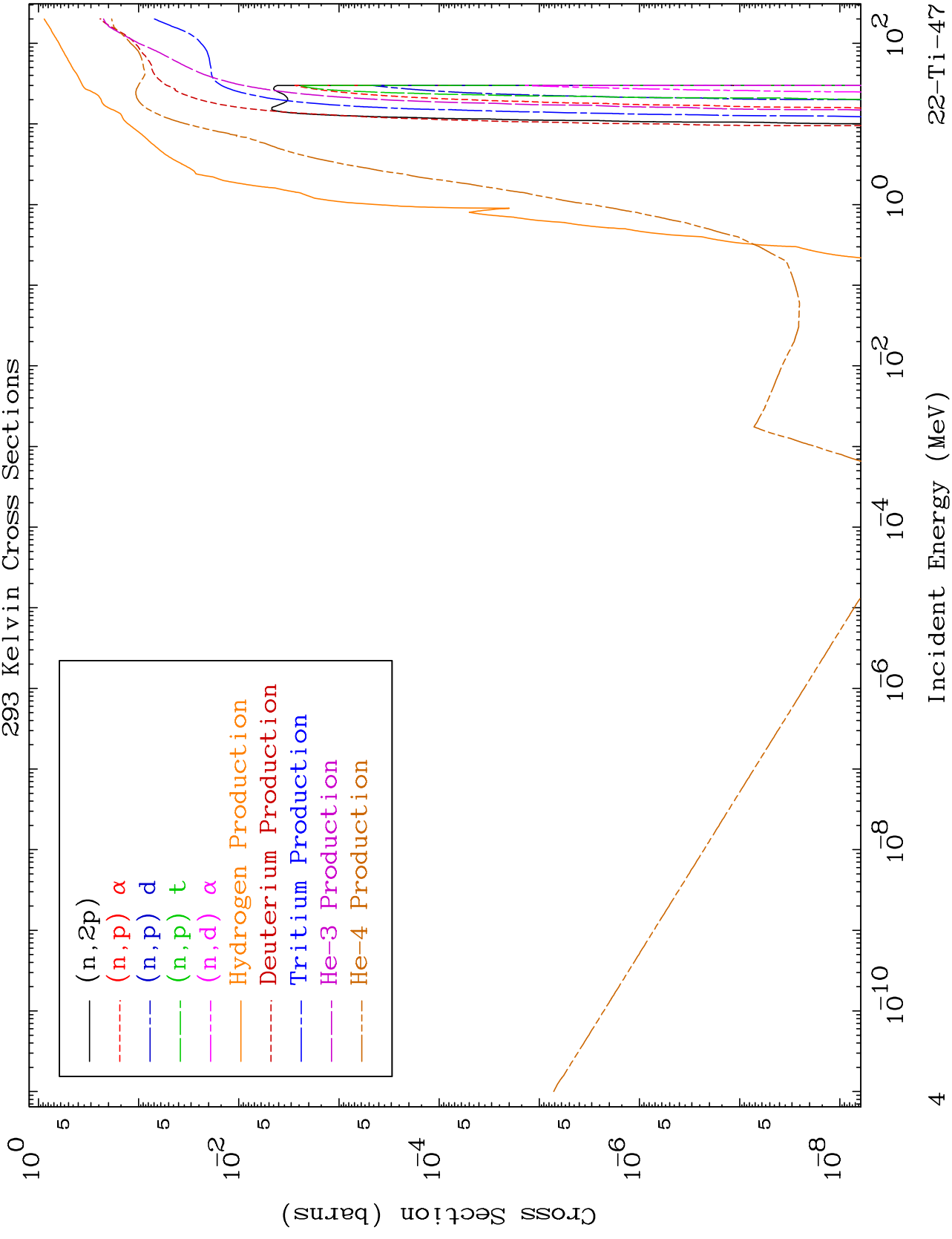
22-Ti-47



MAT 2228

Neutron Absorption
293 Kelvin Cross Sections

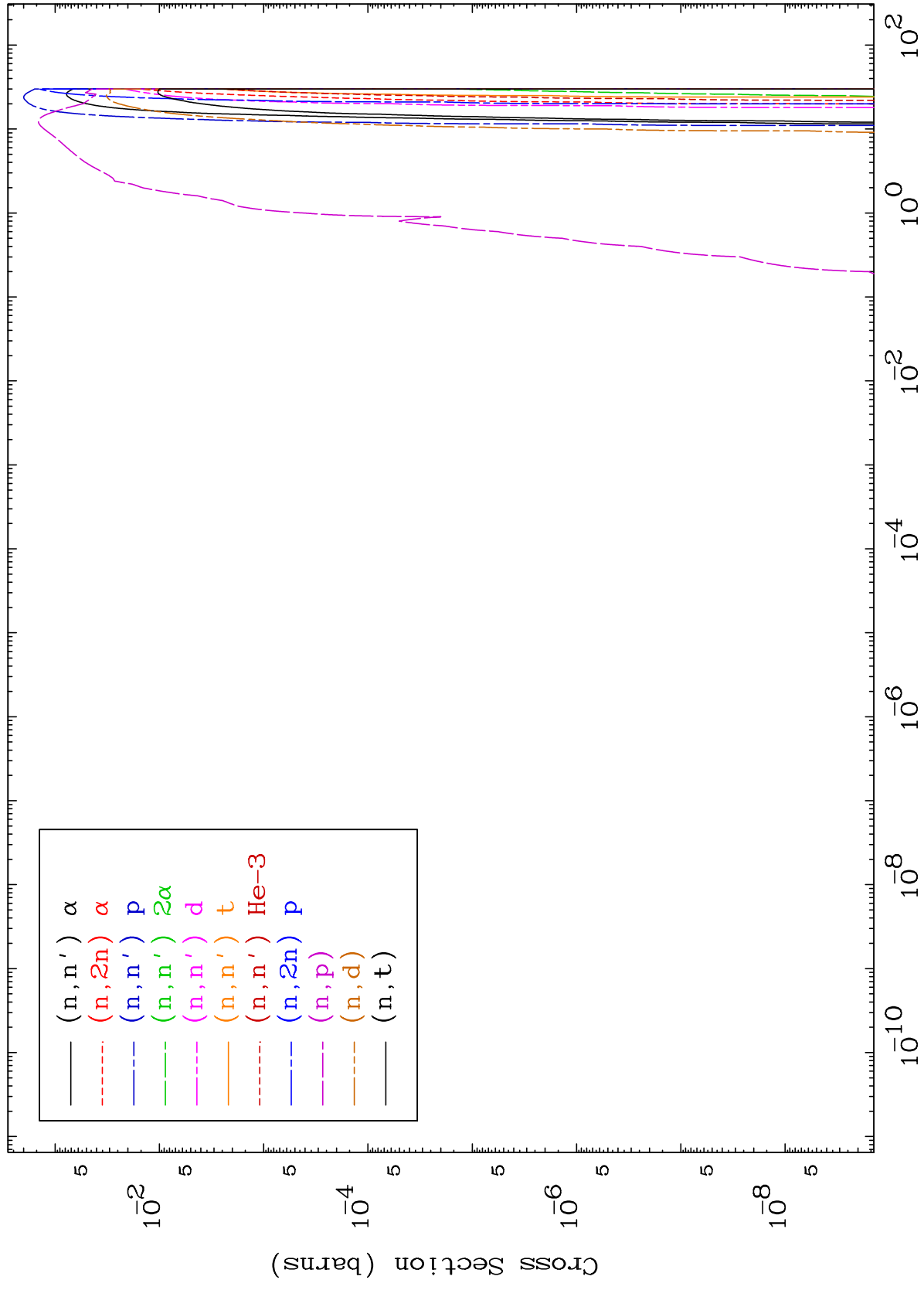
22-Ti-47



MAT 2228

Charged Particle
293 Kelvin Cross Sections

22-Ti-47

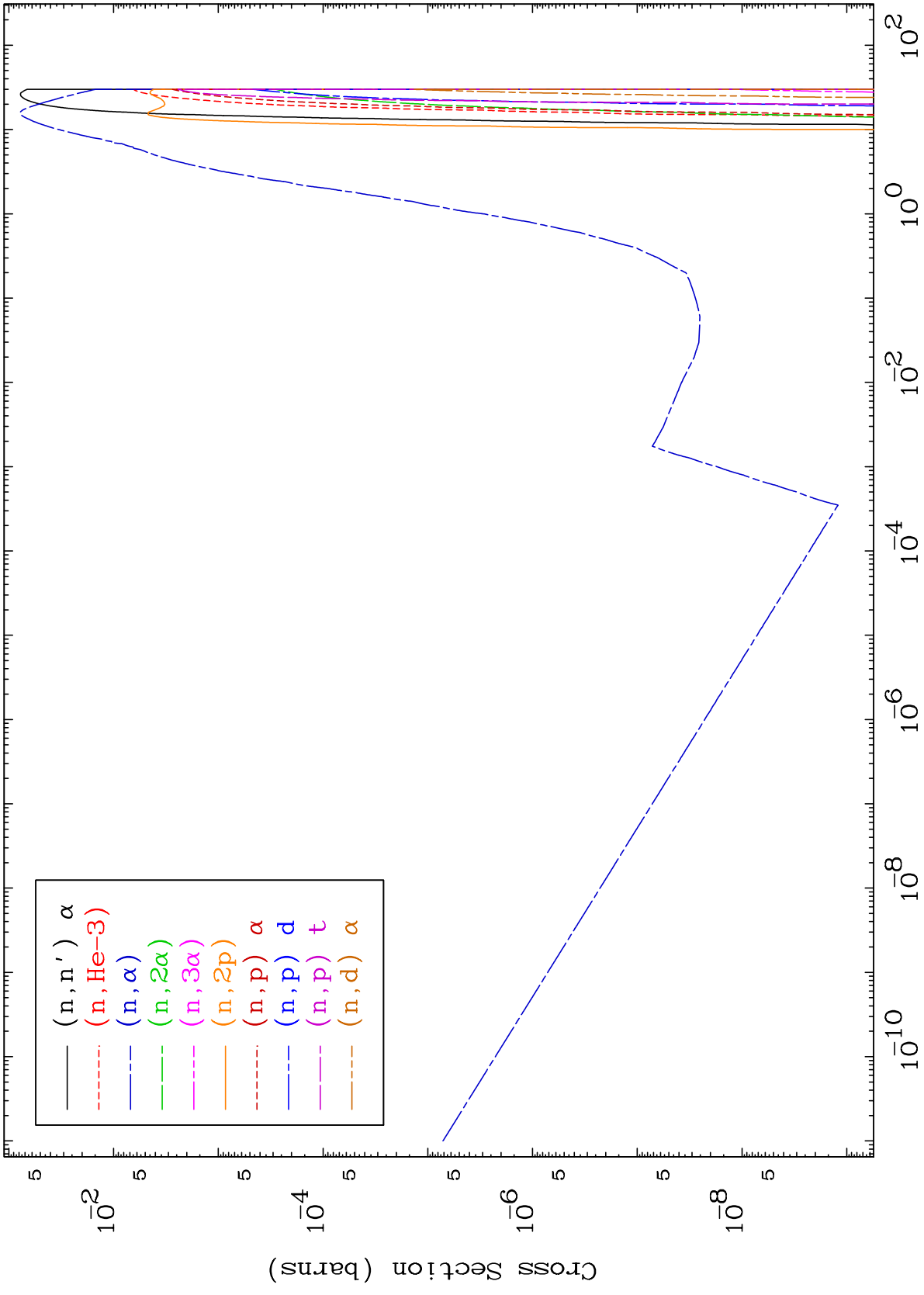


22-Ti-47

MAT 2228

Charged Particle
293 Kelvin Cross Sections

22-Ti-47



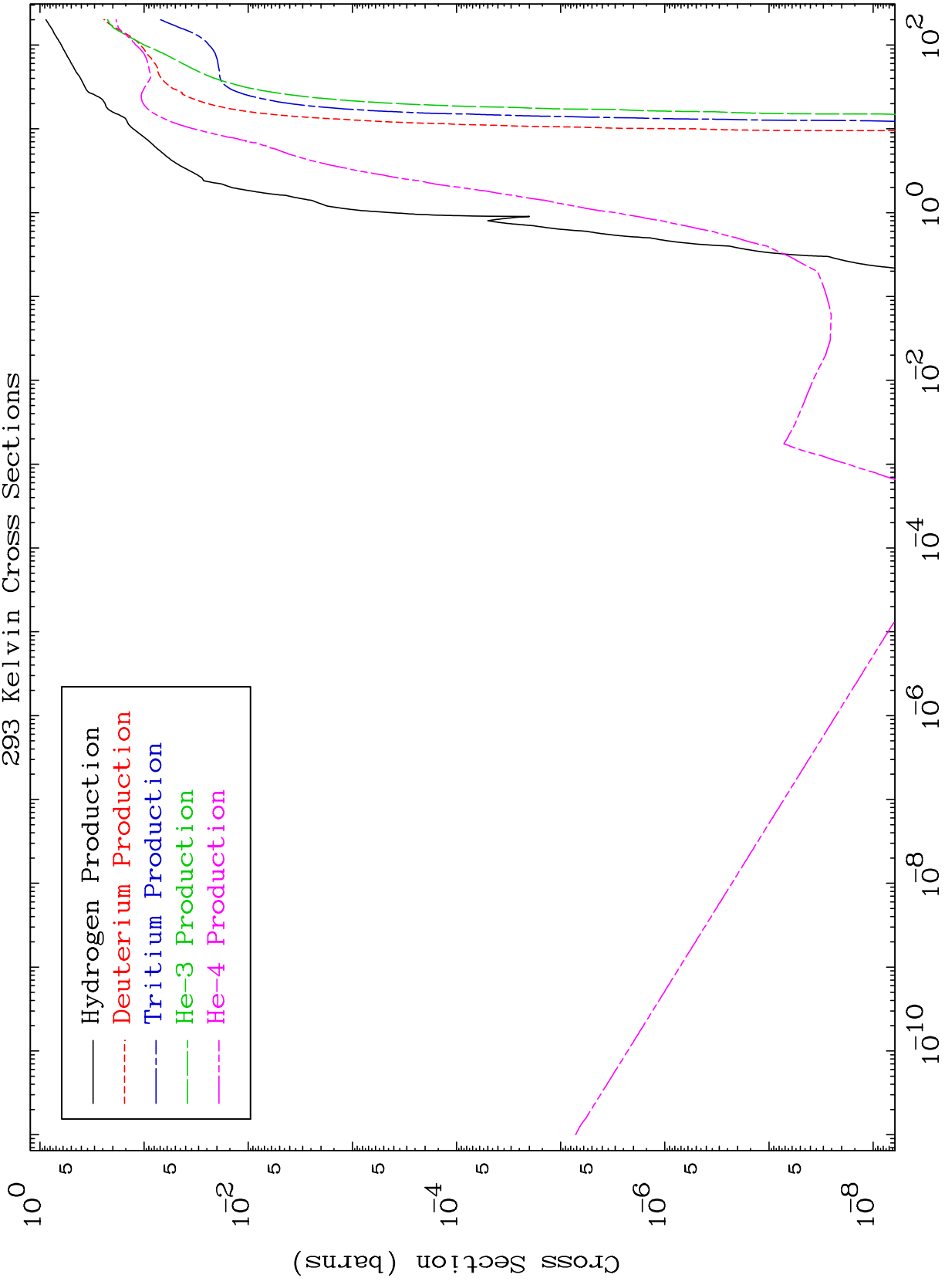
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Incident Energy (MeV)

MAT 2228

Particle Production
293 Kelvin Cross Sections

22-Ti-47

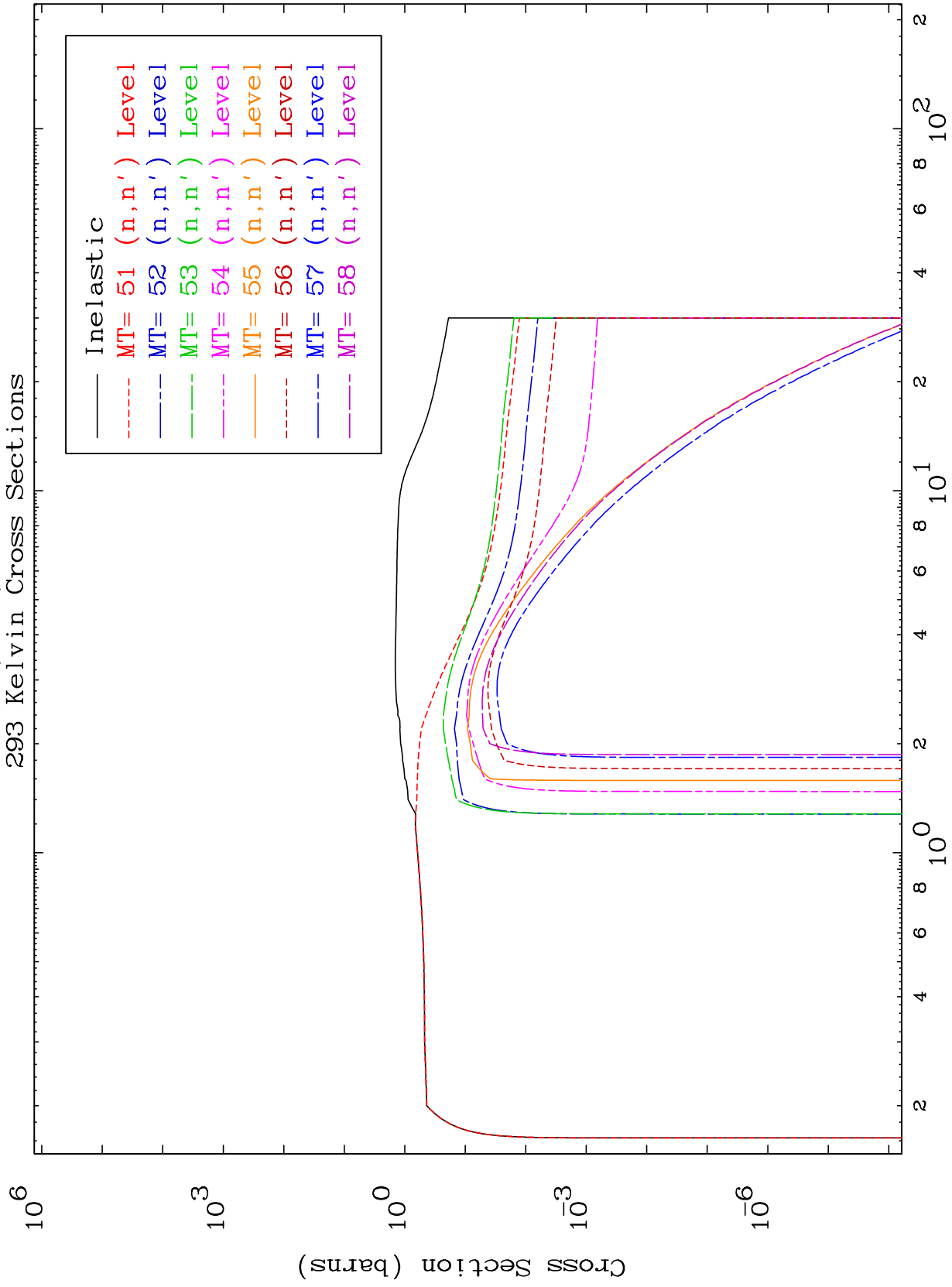


- Hydrogen Production
- Deuterium Production
- Tritium Production
- He-3 Production
- He-4 Production

MAT 2228

(n,n') Levels

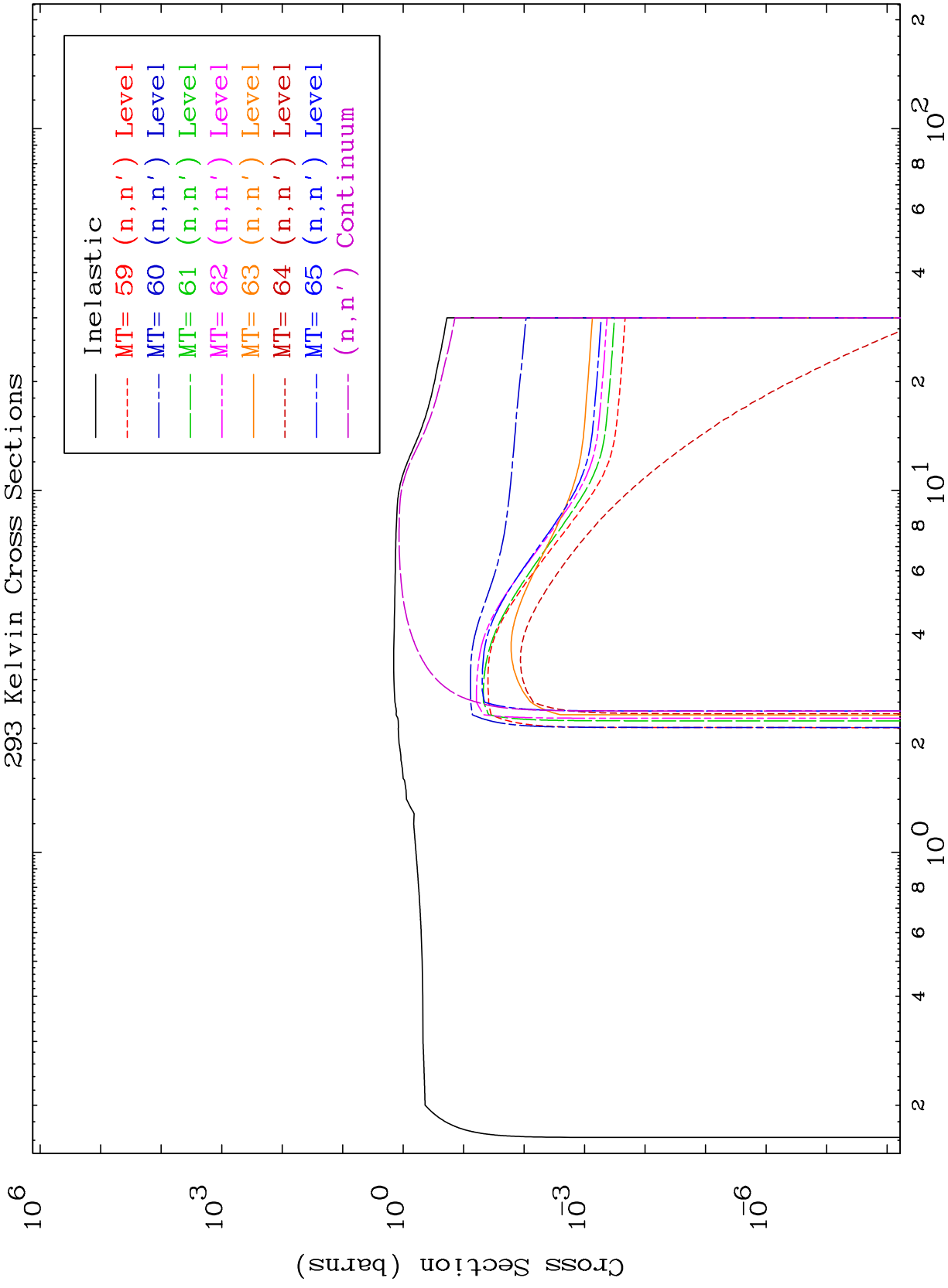
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MAT 2228

(n,n') Levels
293 Kelvin Cross Sections

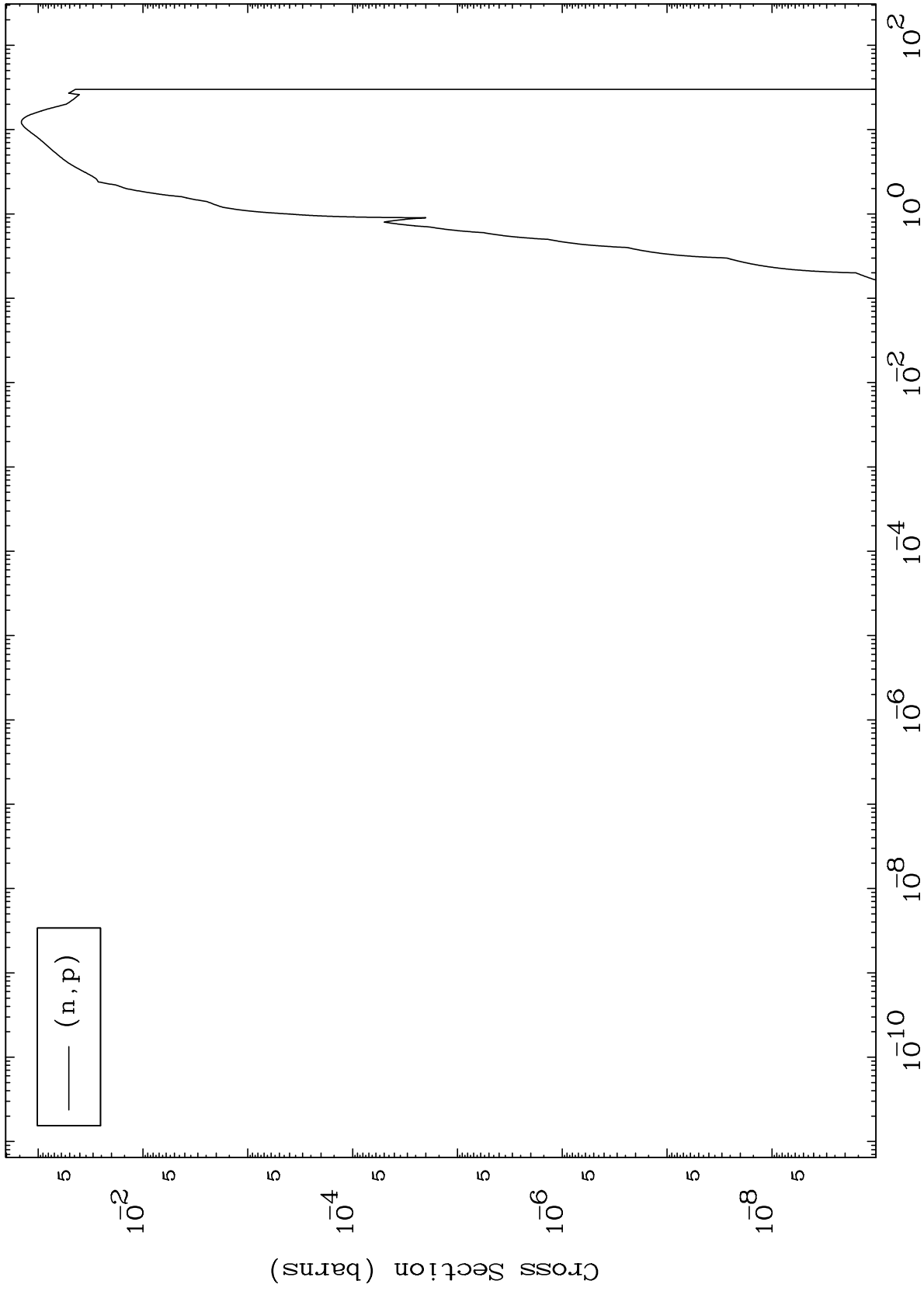
22-Ti-47



MAT 2228

(n,p) Levels
293 Kelvin Cross Sections

22-Ti-47



10

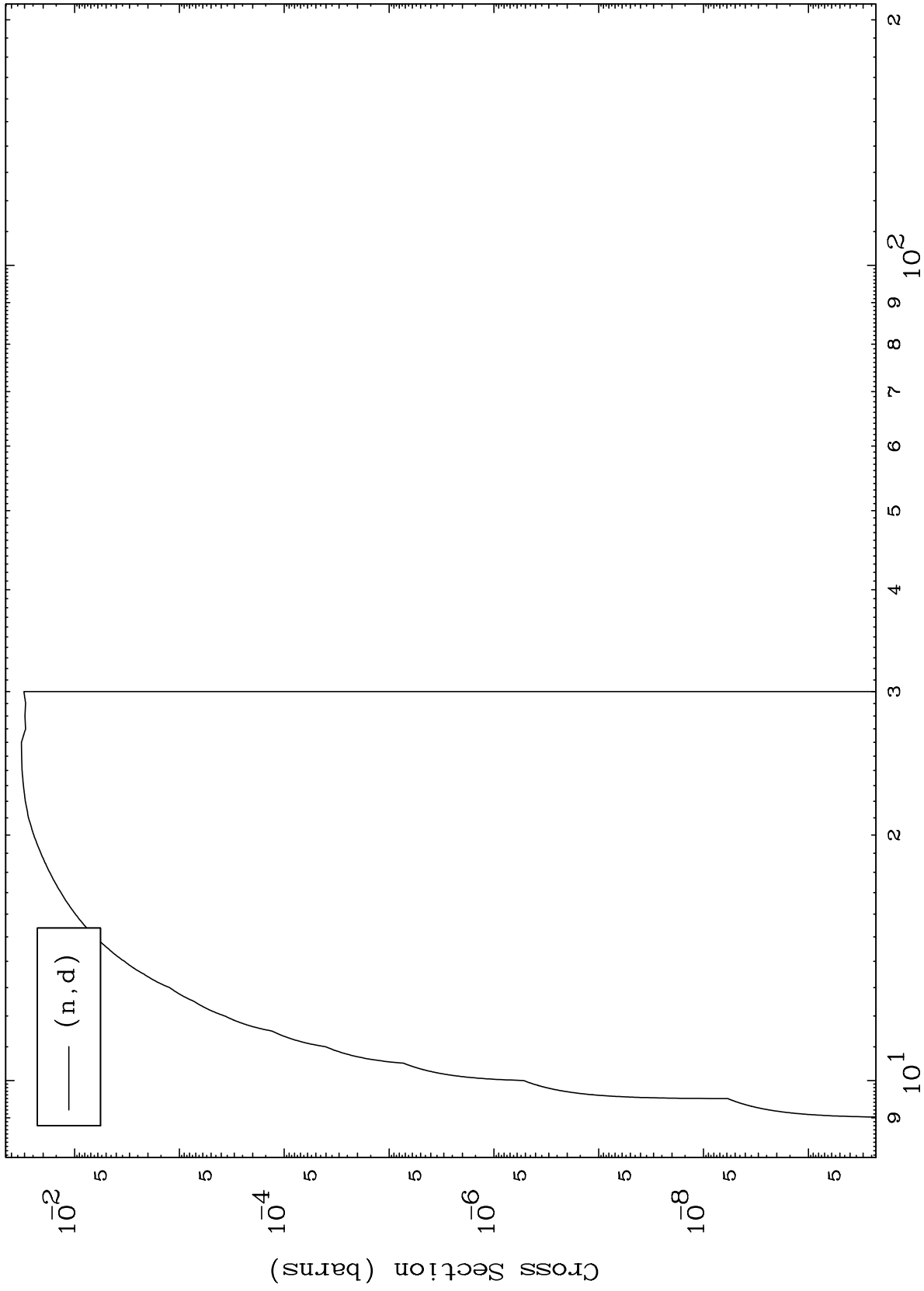
Incident Energy (MeV)

22-Ti-47

MAT 2228

(n,d) Levels
293 Kelvin Cross Sections

22-Ti-47



11

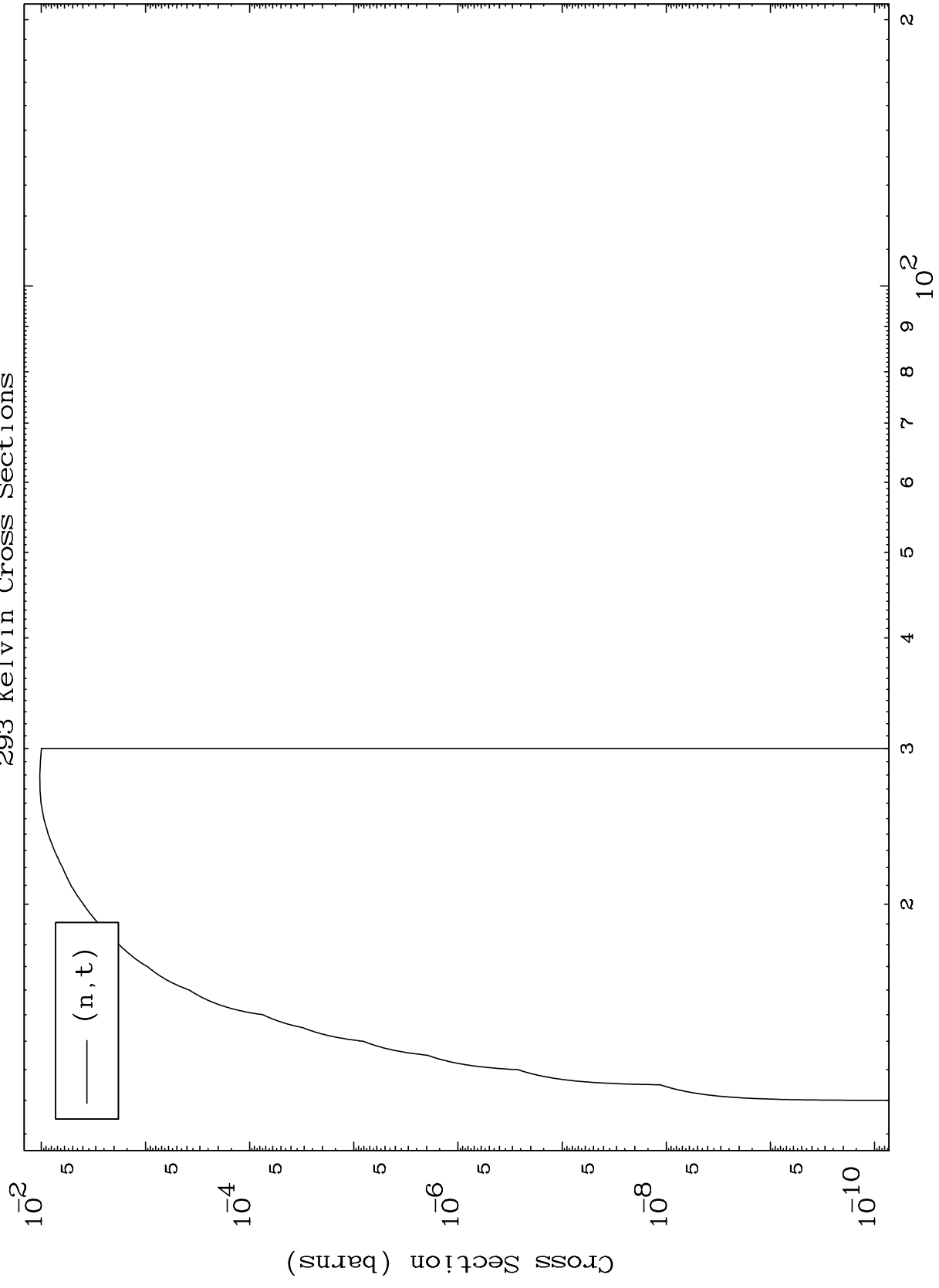
Incident Energy (MeV)

22-Ti-47

MAT 2228

(n,t) Levels
293 Kelvin Cross Sections

22-Ti-47



12

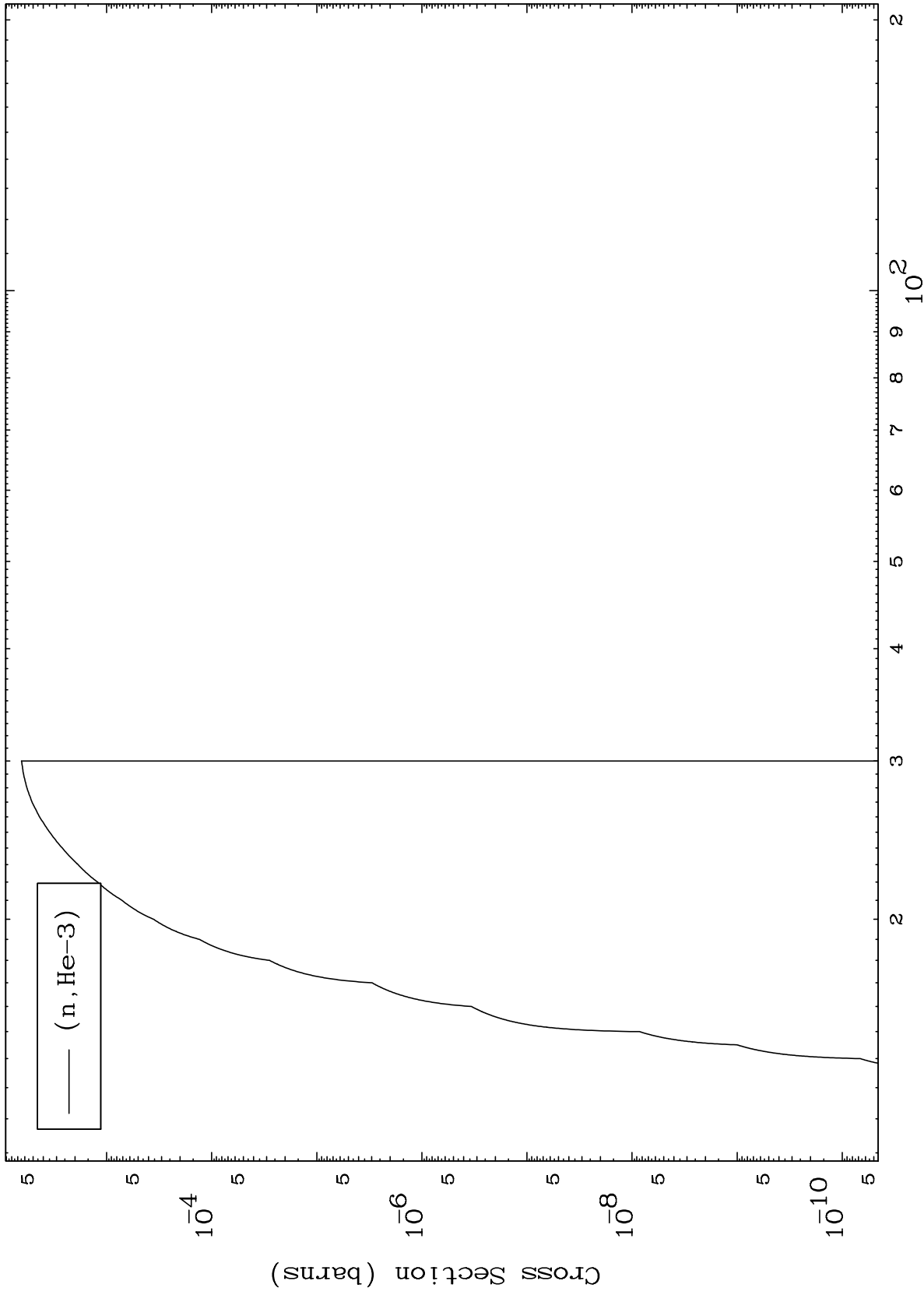
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22-Ti-47

MAT 2228

(n,He3) Levels
293 Kelvin Cross Sections

22-Ti-47



13

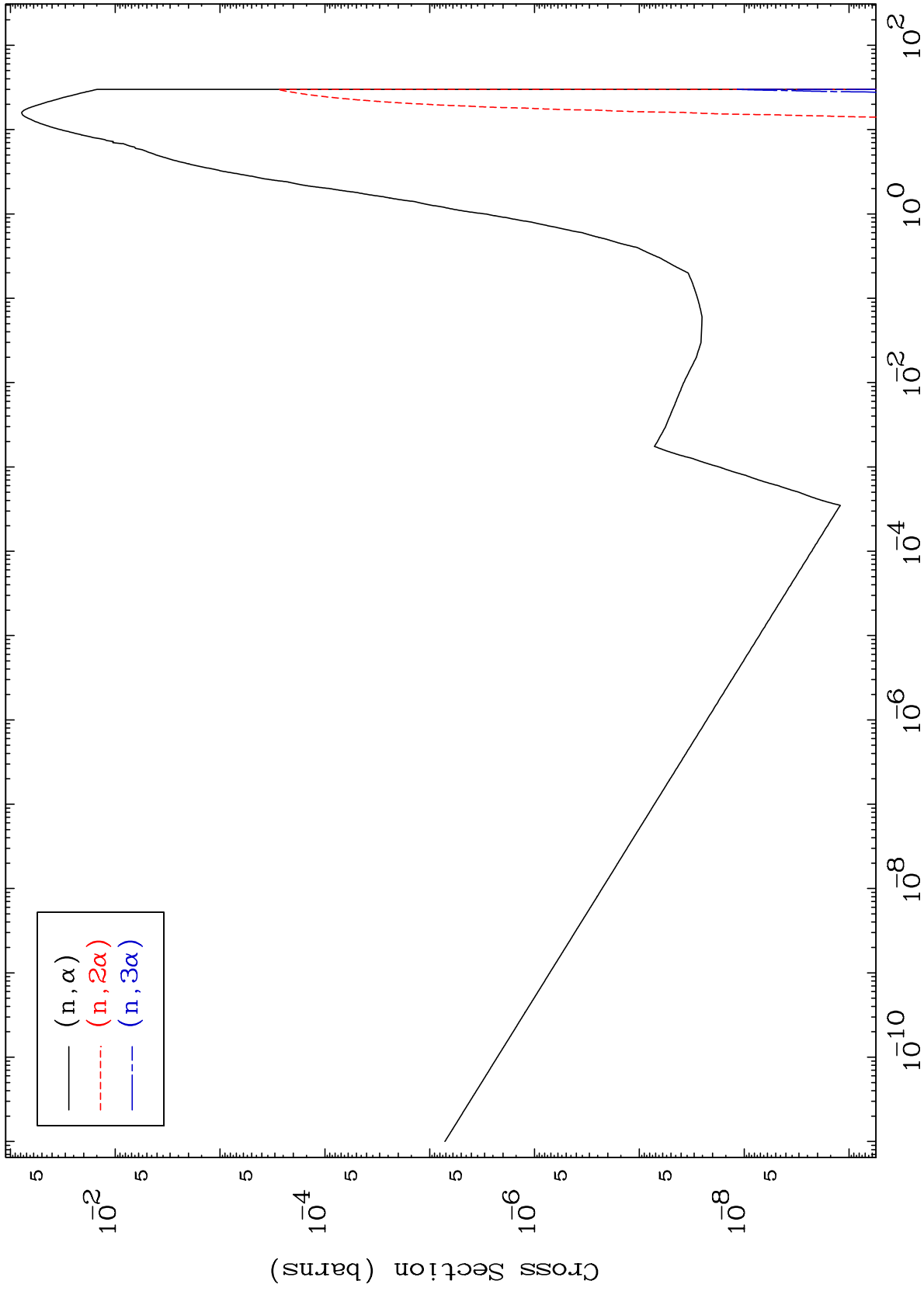
Incident Energy (MeV)

22-Ti-47

MAT 2228

(n,α) Levels
293 Kelvin Cross Sections

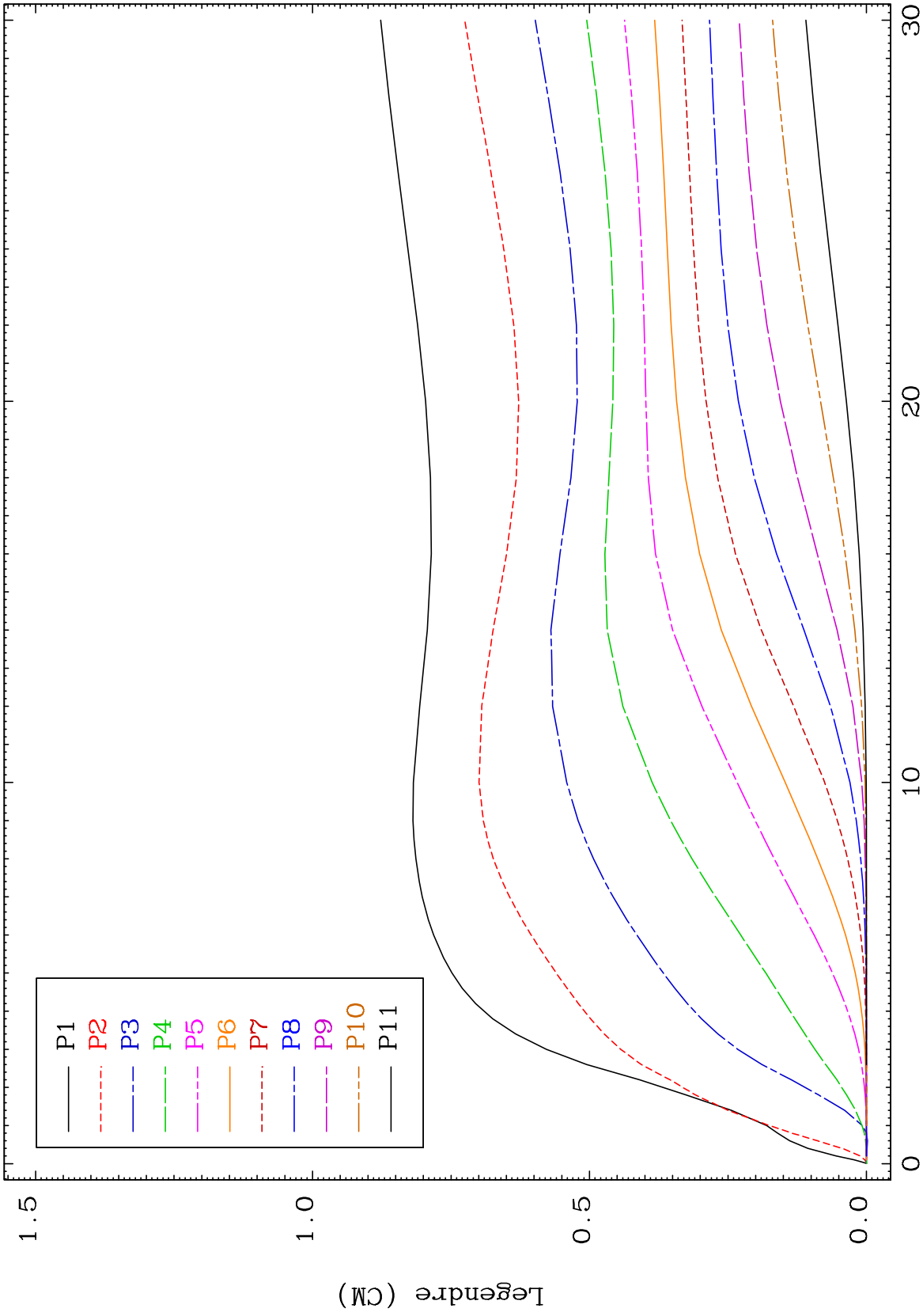
22-Ti-47



MAT 2228

Elastic Legendre Coefficients

²²Ti-47



15

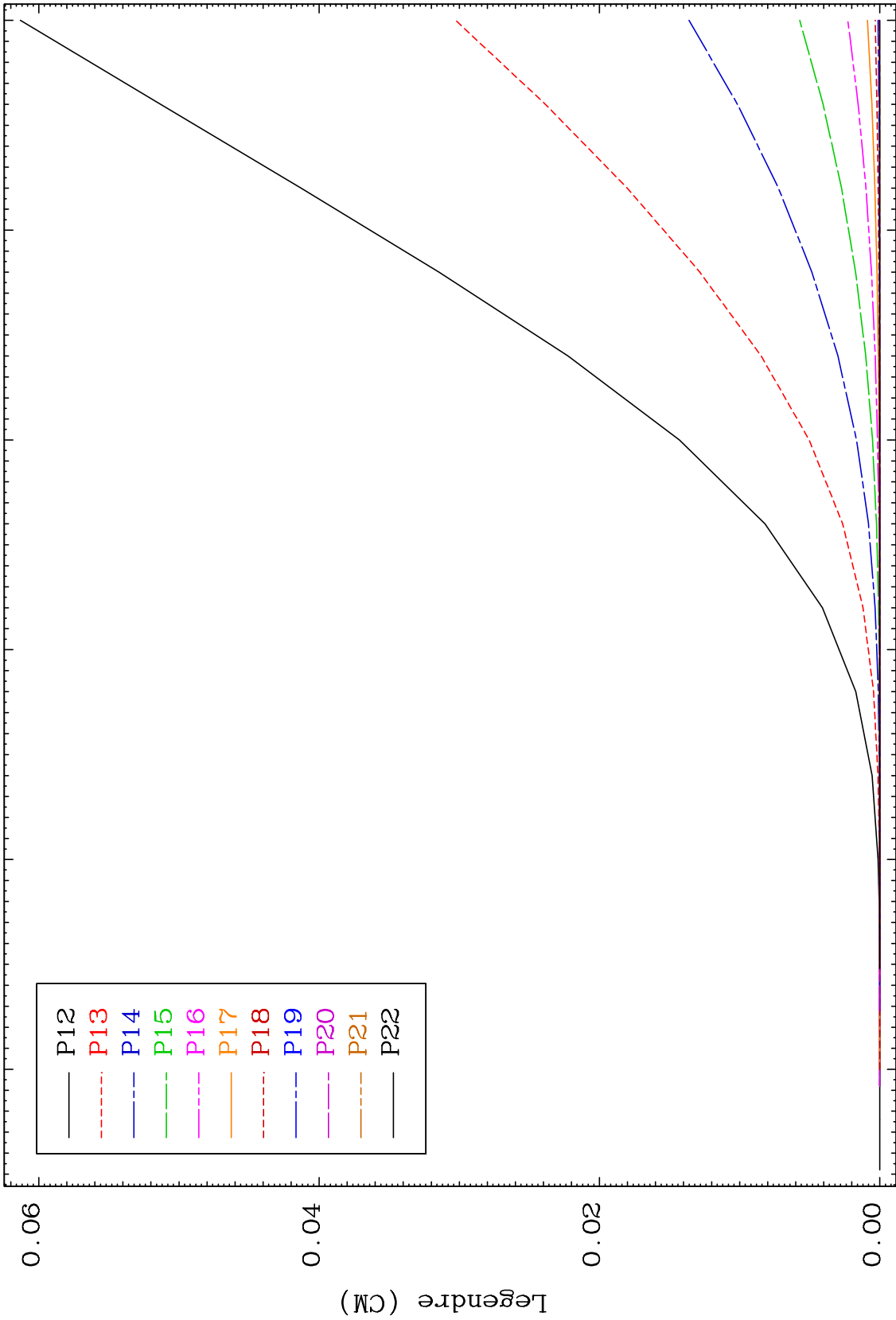
Incident Energy (MeV)

²²Ti-47

MAT 2228

Elastic Legendre Coefficients

²²Ti-47



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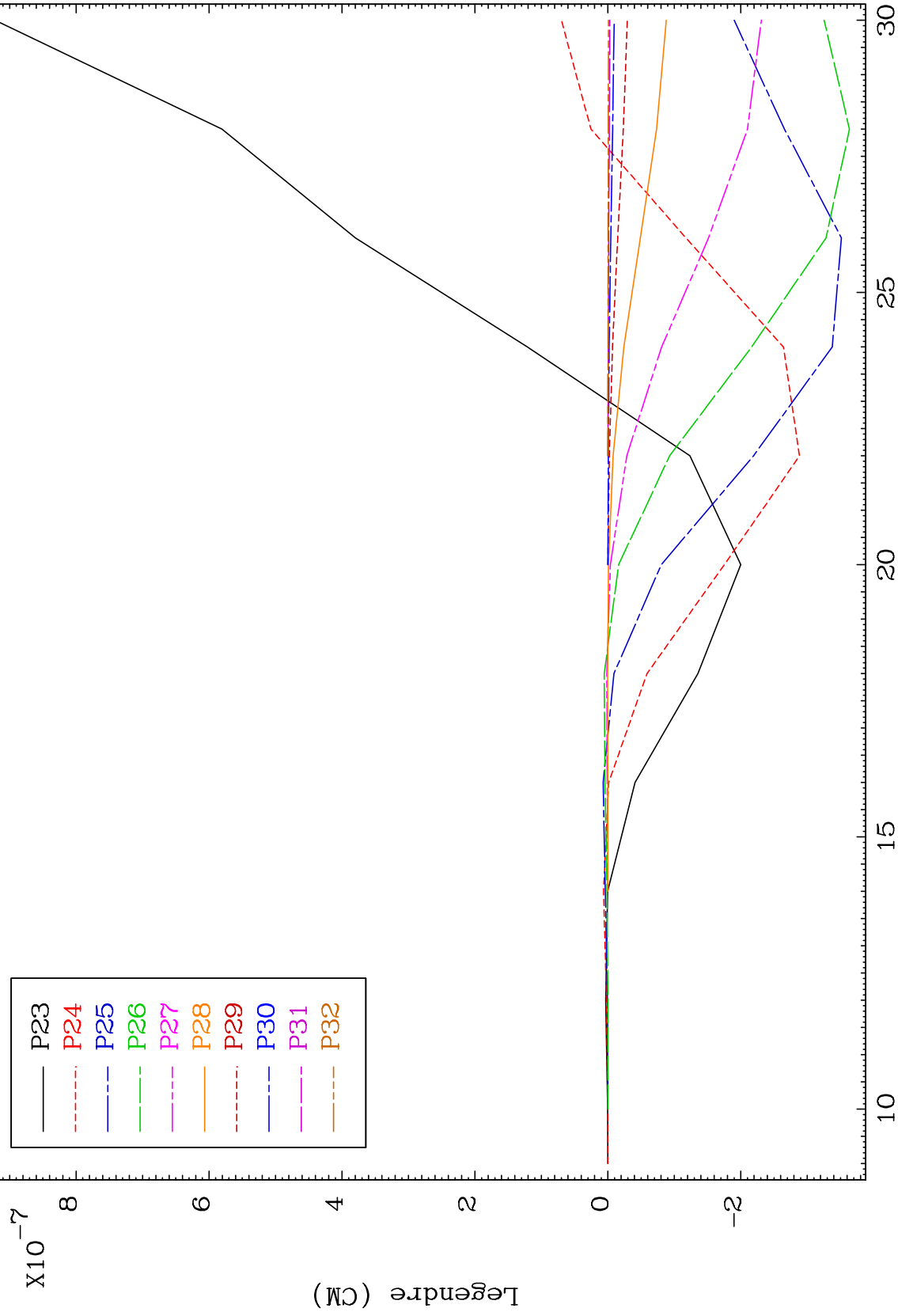
Incident Energy (MeV)

²²Ti-47

MAT 2228

Elastic Legendre Coefficients

²²Ti-47



17

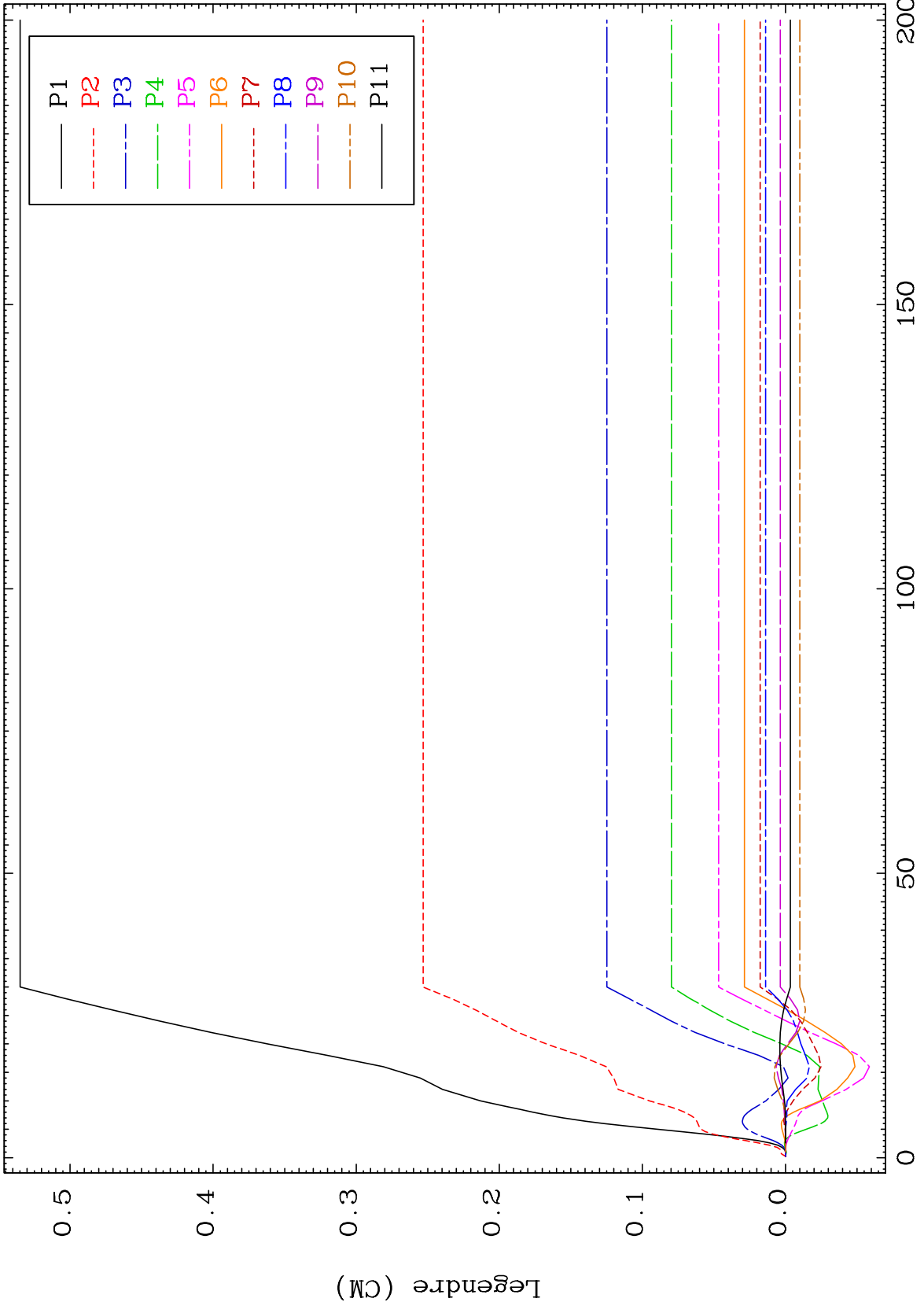
Incident Energy (MeV)

²²Ti-47

MAT 2228

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

22-Ti-47



18

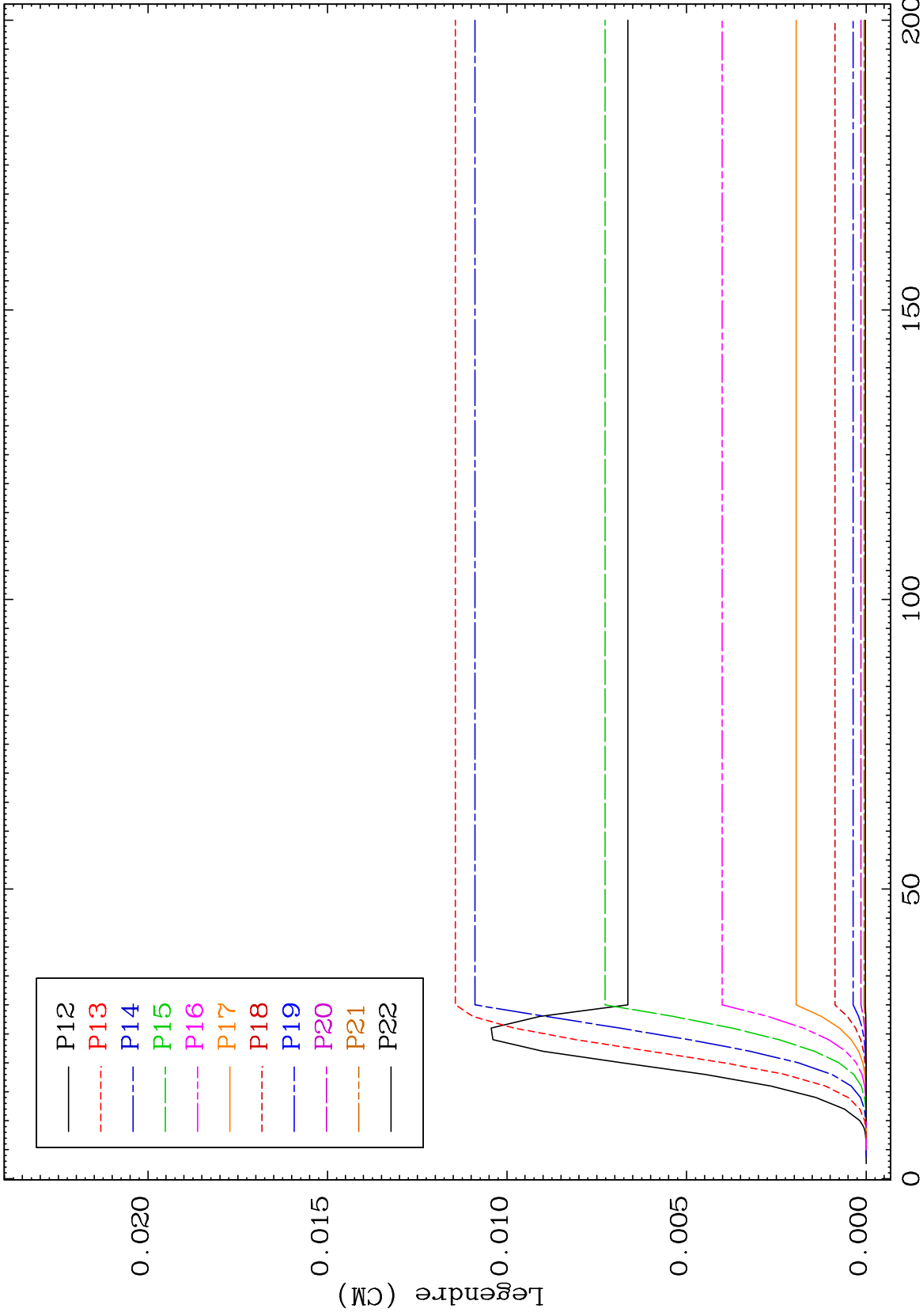
Incident Energy (MeV)

22-Ti-47

MAT 2228

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

²²Ti-47



19

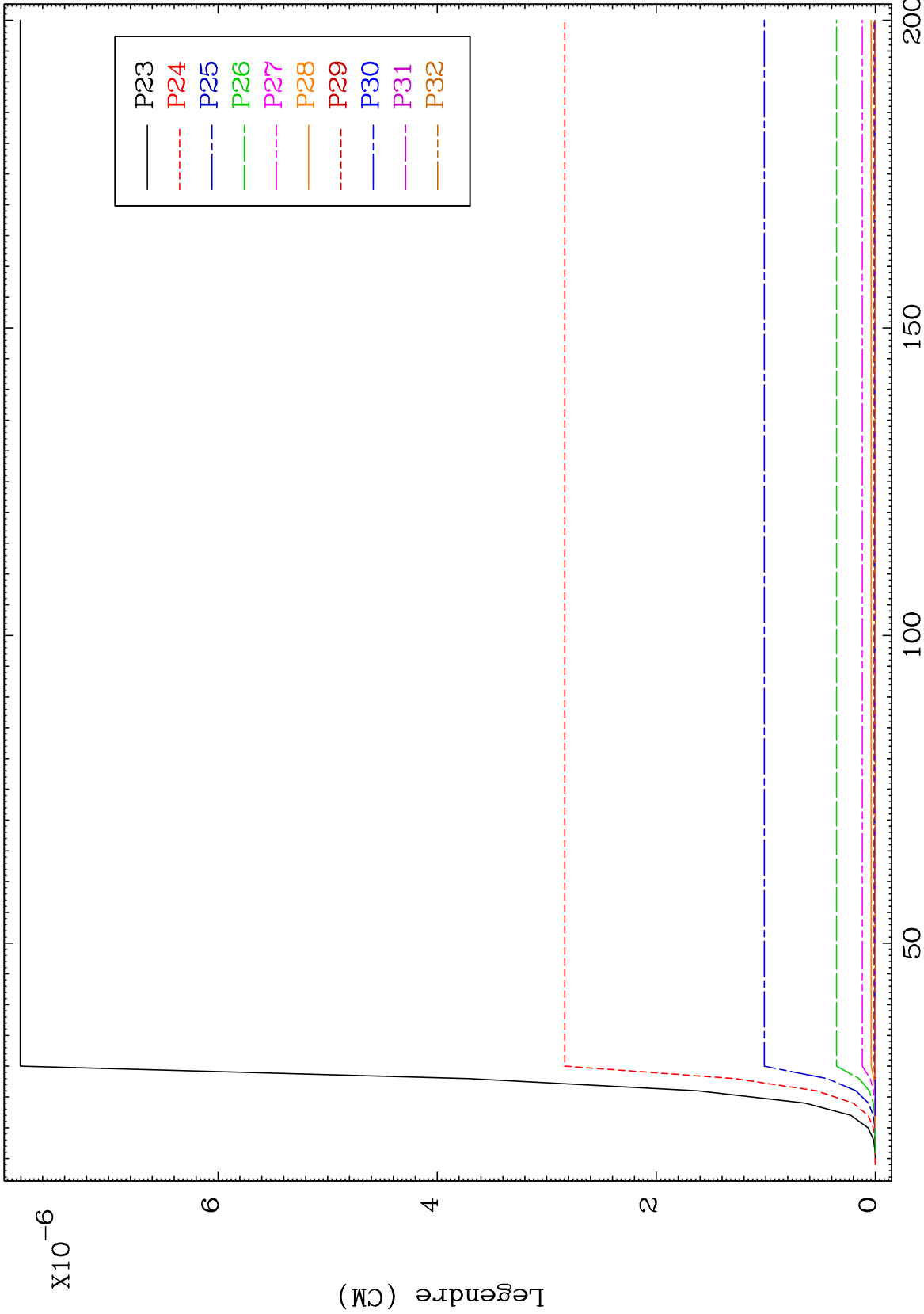
Incident Energy (MeV)

²²Ti-47

MAT 2228

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

22-Ti-47



20

50

100

150

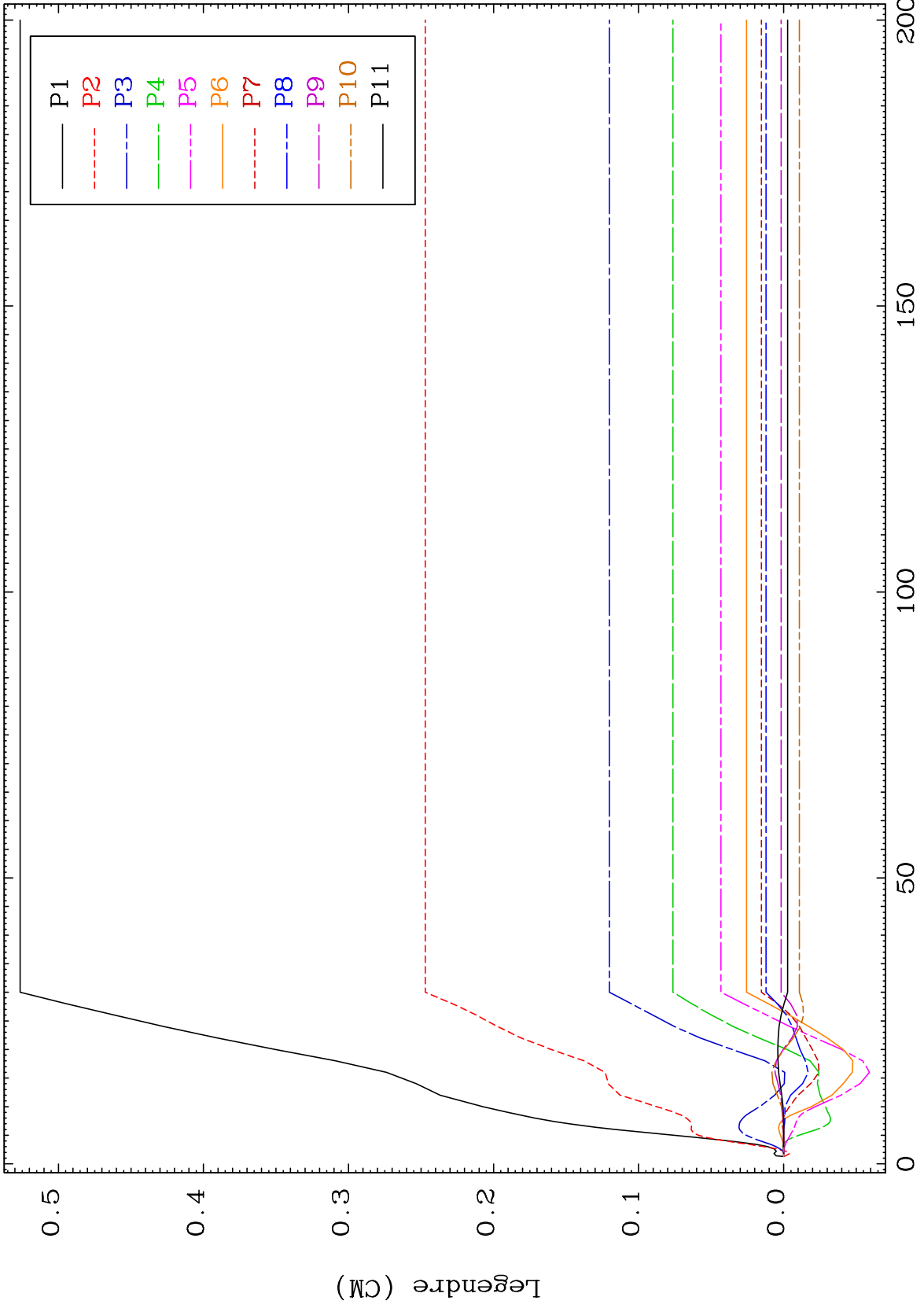
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22-Ti-47

MAT 2228

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

22-Ti-47



21

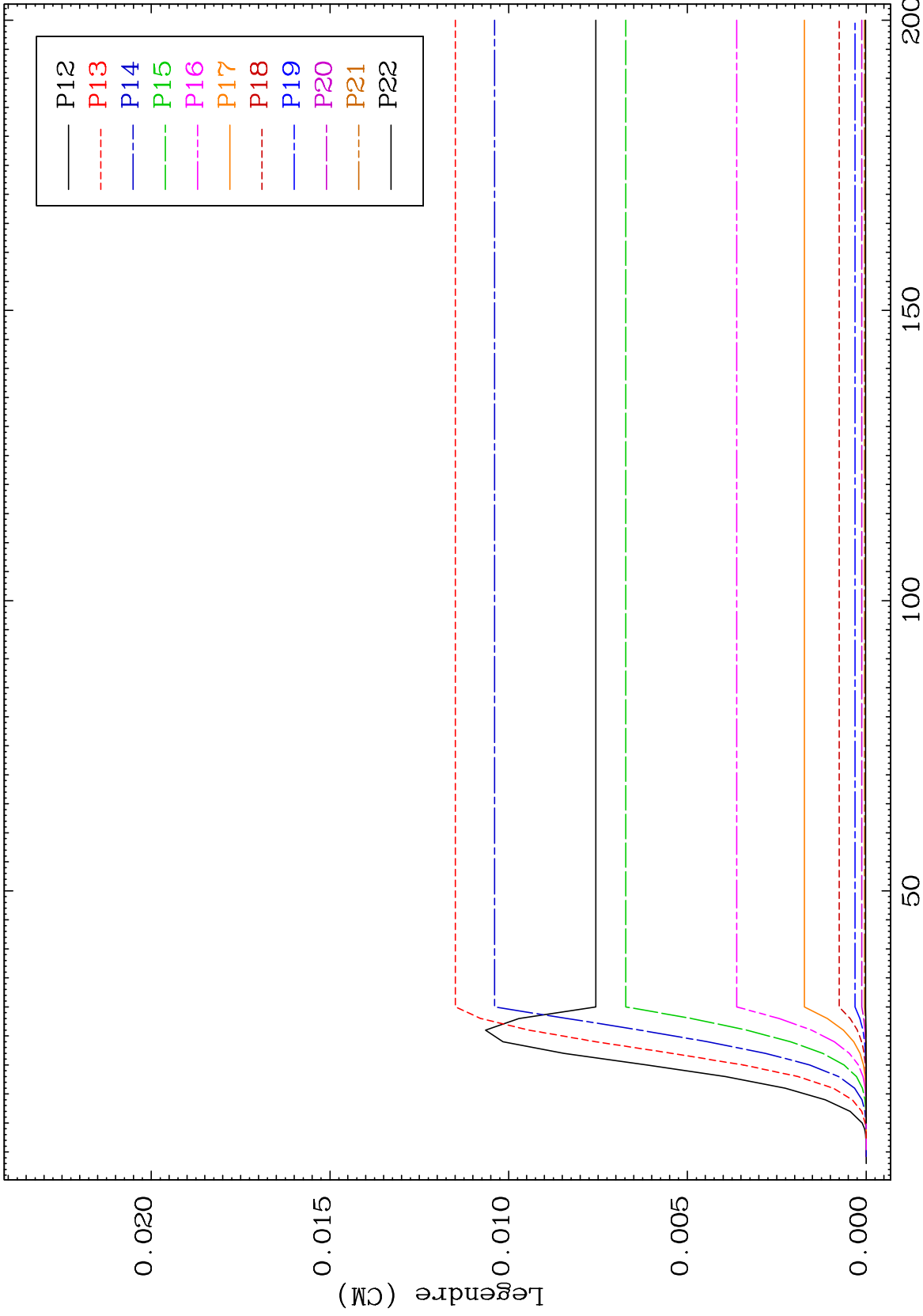
Incident Energy (MeV)

22-Ti-47

MAT 2228

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

22-Ti-47



22

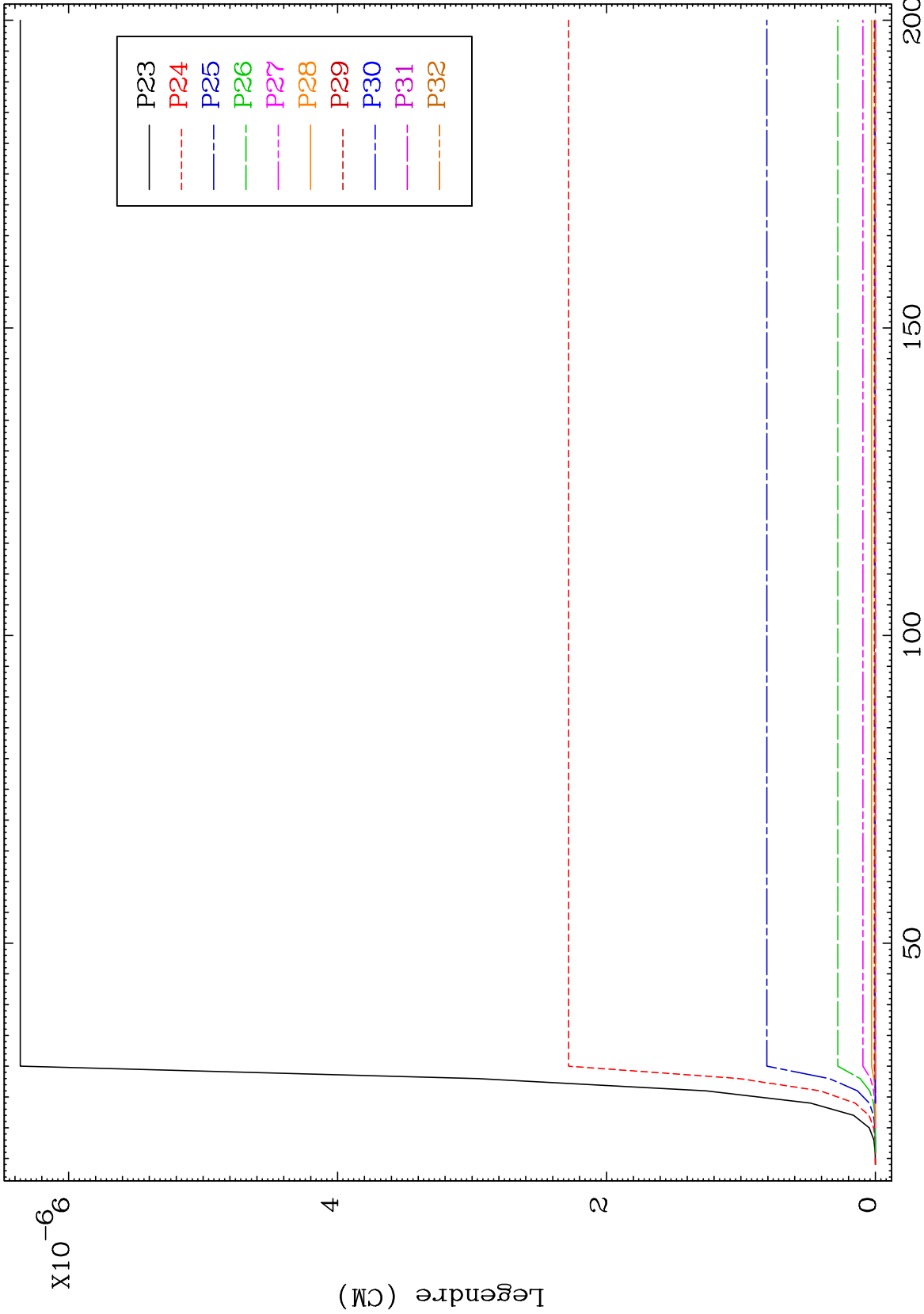
Incident Energy (MeV)

22-Ti-47

MAT 2228

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

22-Ti-47



23

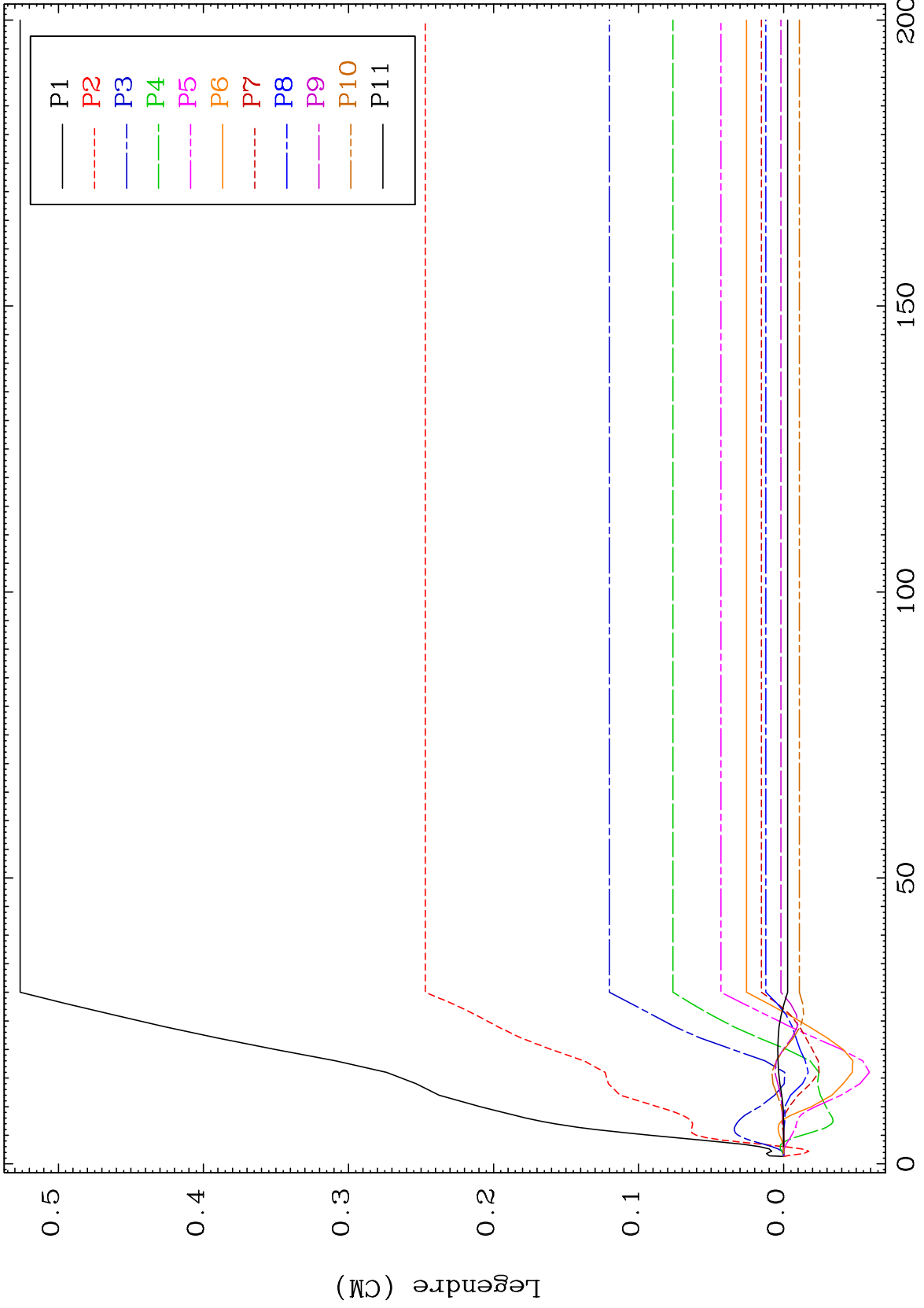
Incident Energy (MeV)

22-Ti-47

MAT 2228

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

22-Ti-47



24

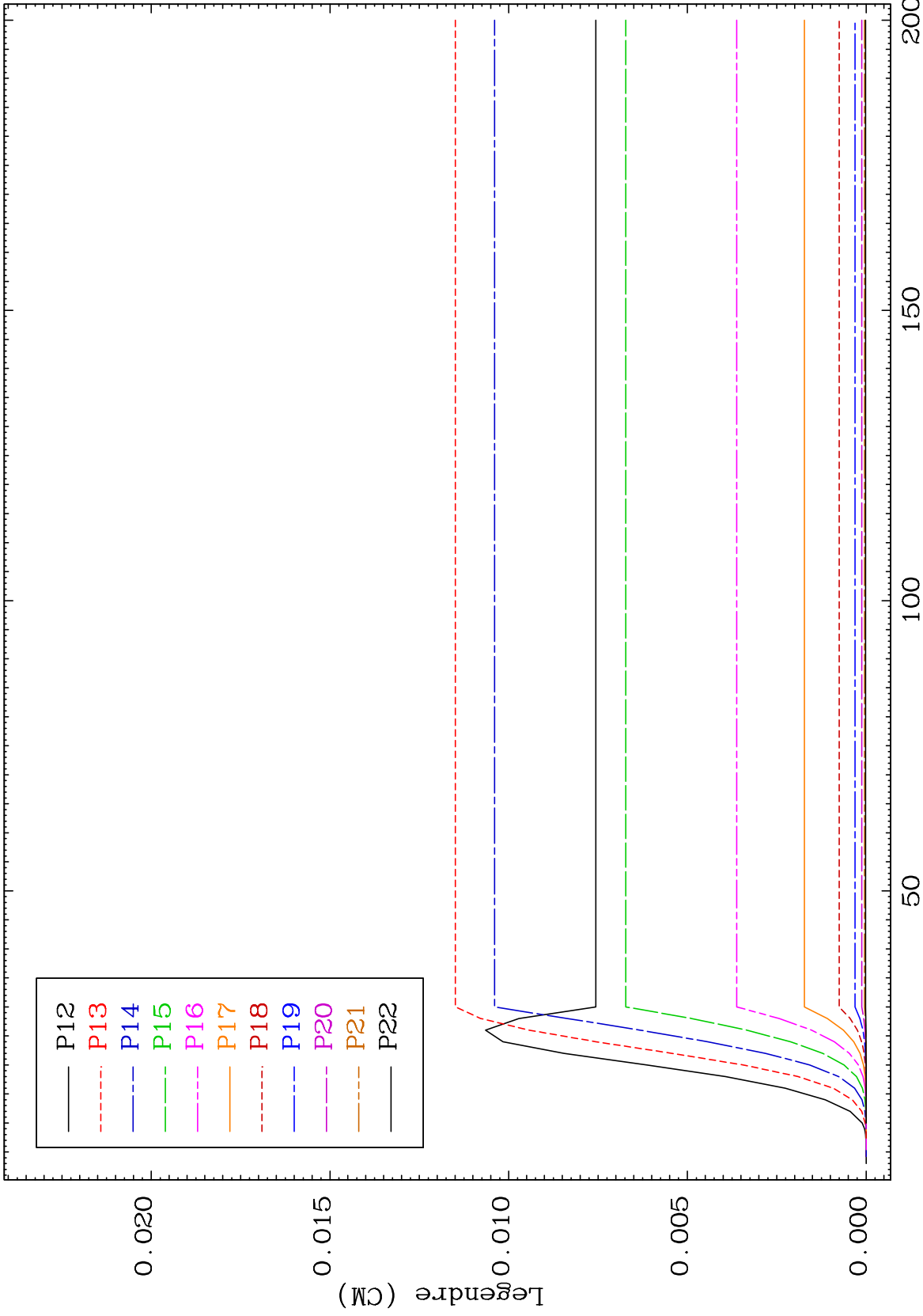
Incident Energy (MeV)

22-Ti-47

MAT 2228

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

22-Ti-47



25

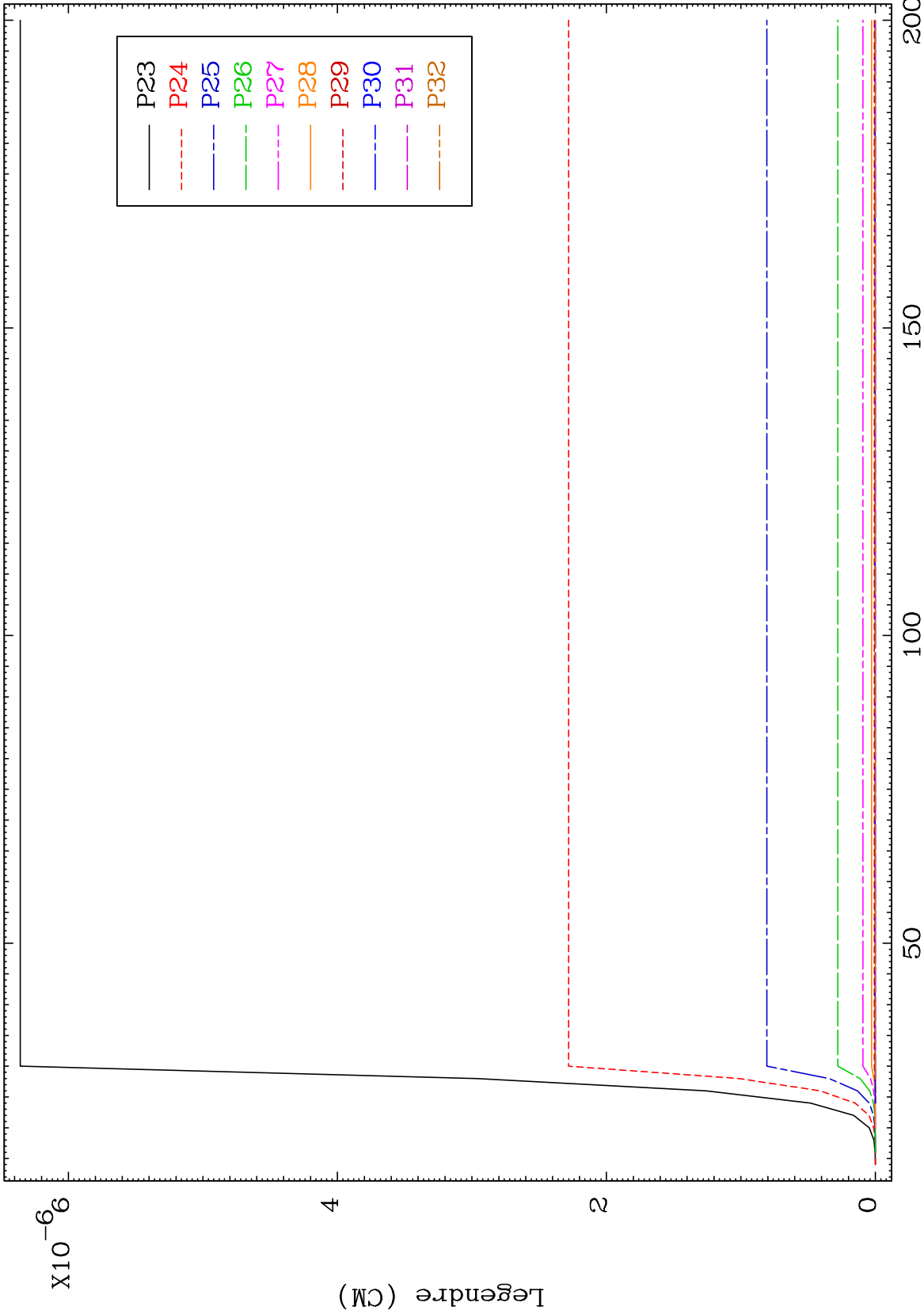
Incident Energy (MeV)

22-Ti-47

MAT 2228

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

22-Ti-47



26

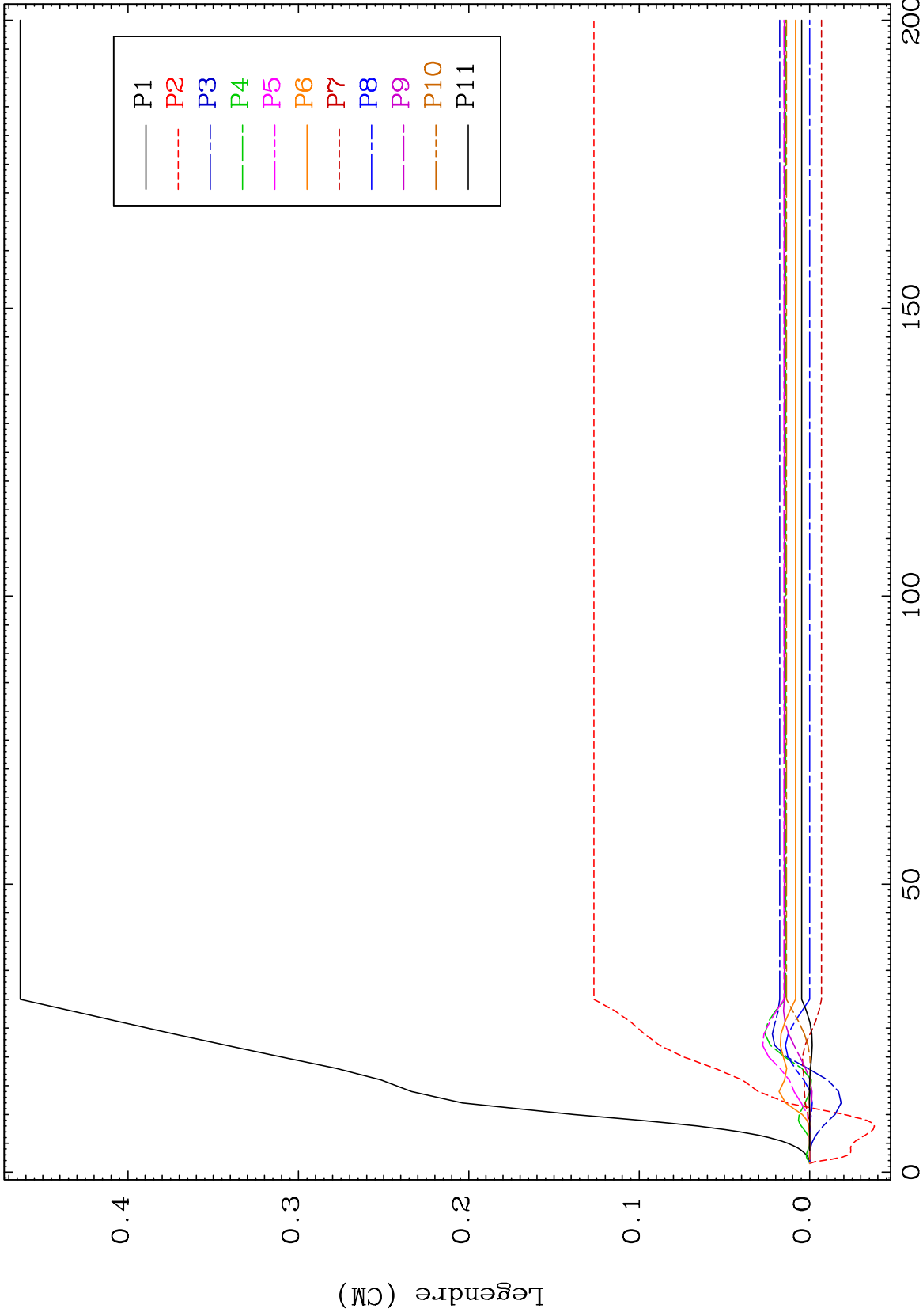
Incident Energy (MeV)

22-Ti-47

MAT 2228

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

22-Ti-47



27

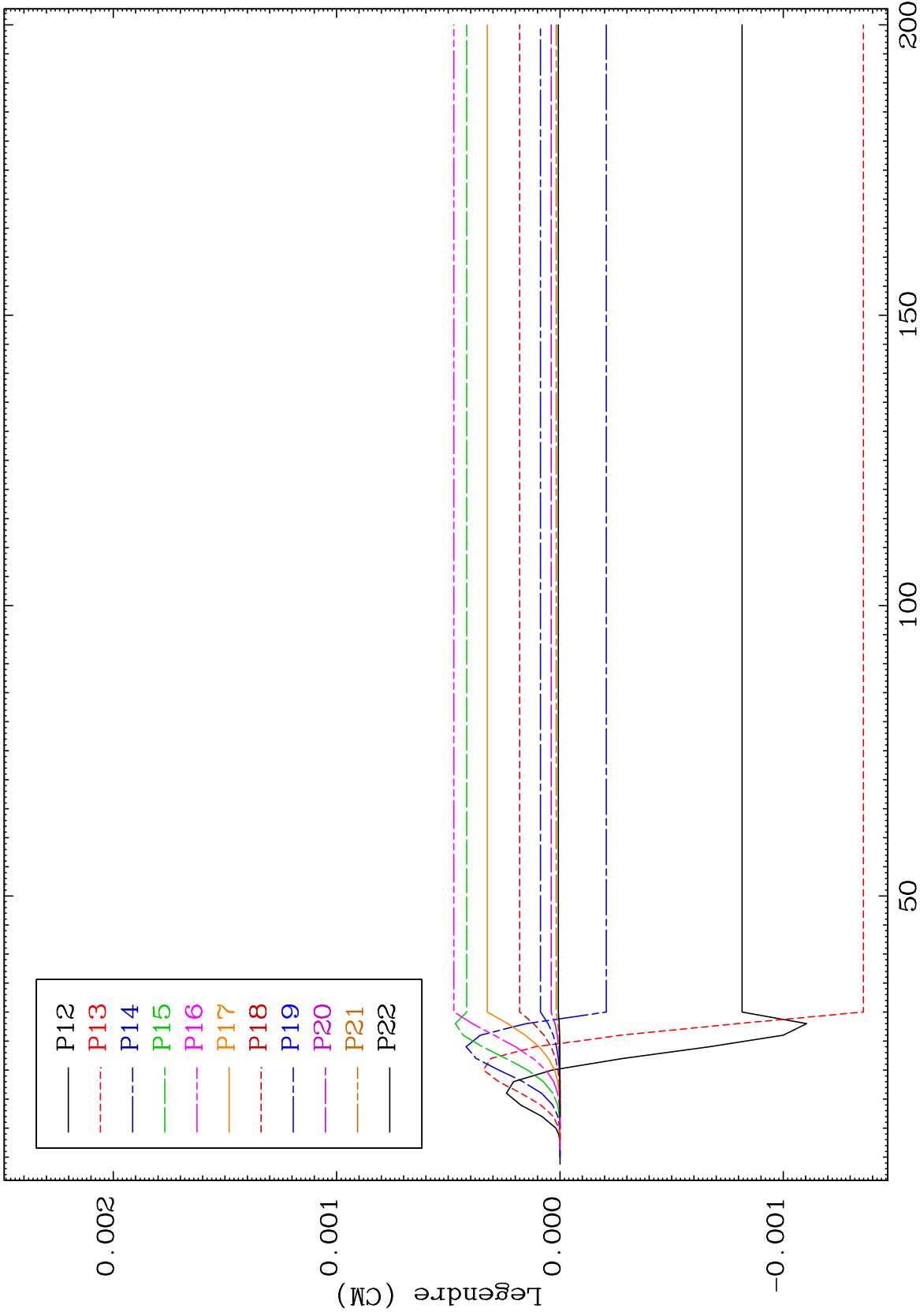
Incident Energy (MeV)

22-Ti-47

MAT 2228

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

22-Ti-47



28

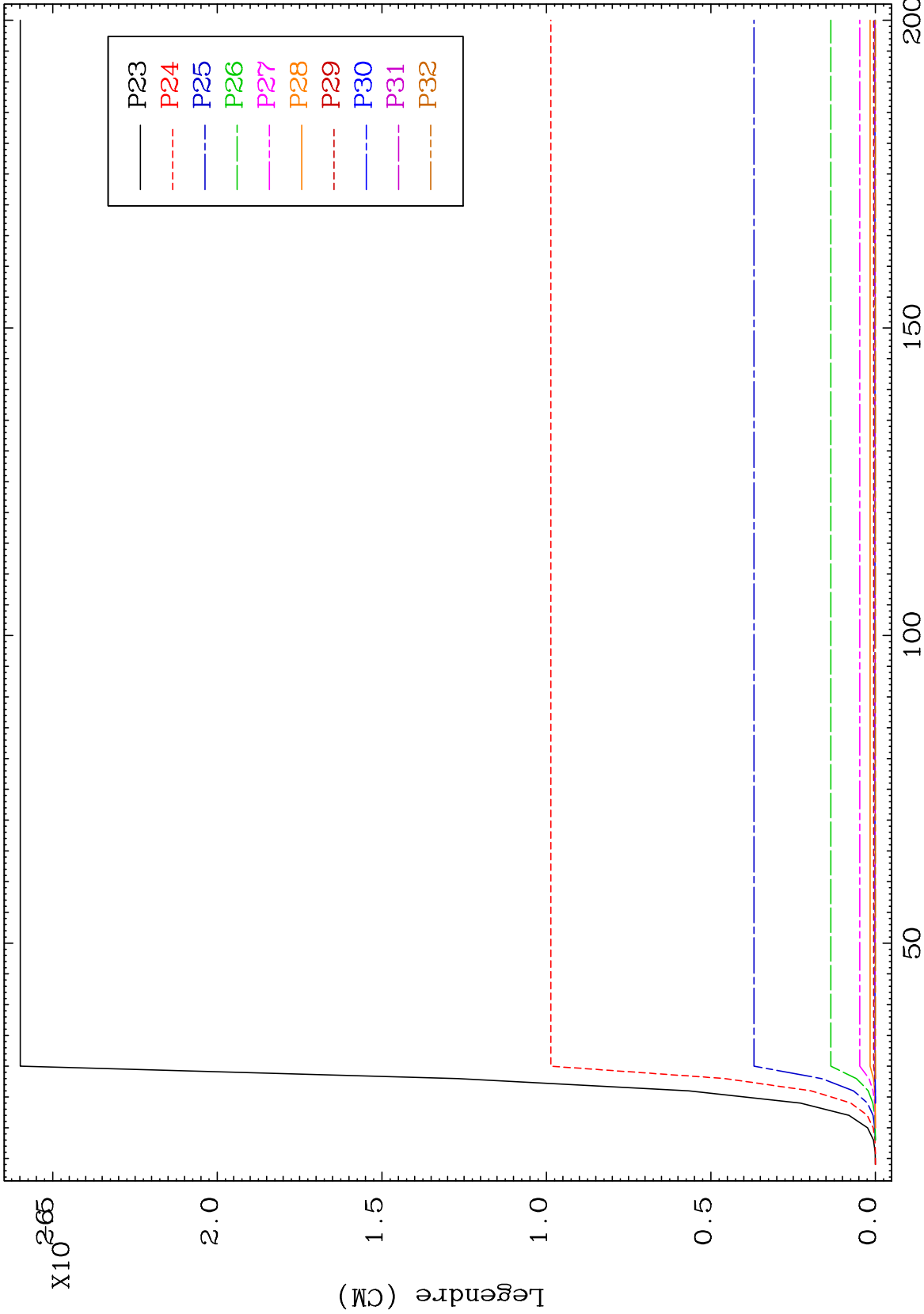
Incident Energy (MeV)

22-Ti-47

MAT 2228

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

22-Ti-47



29

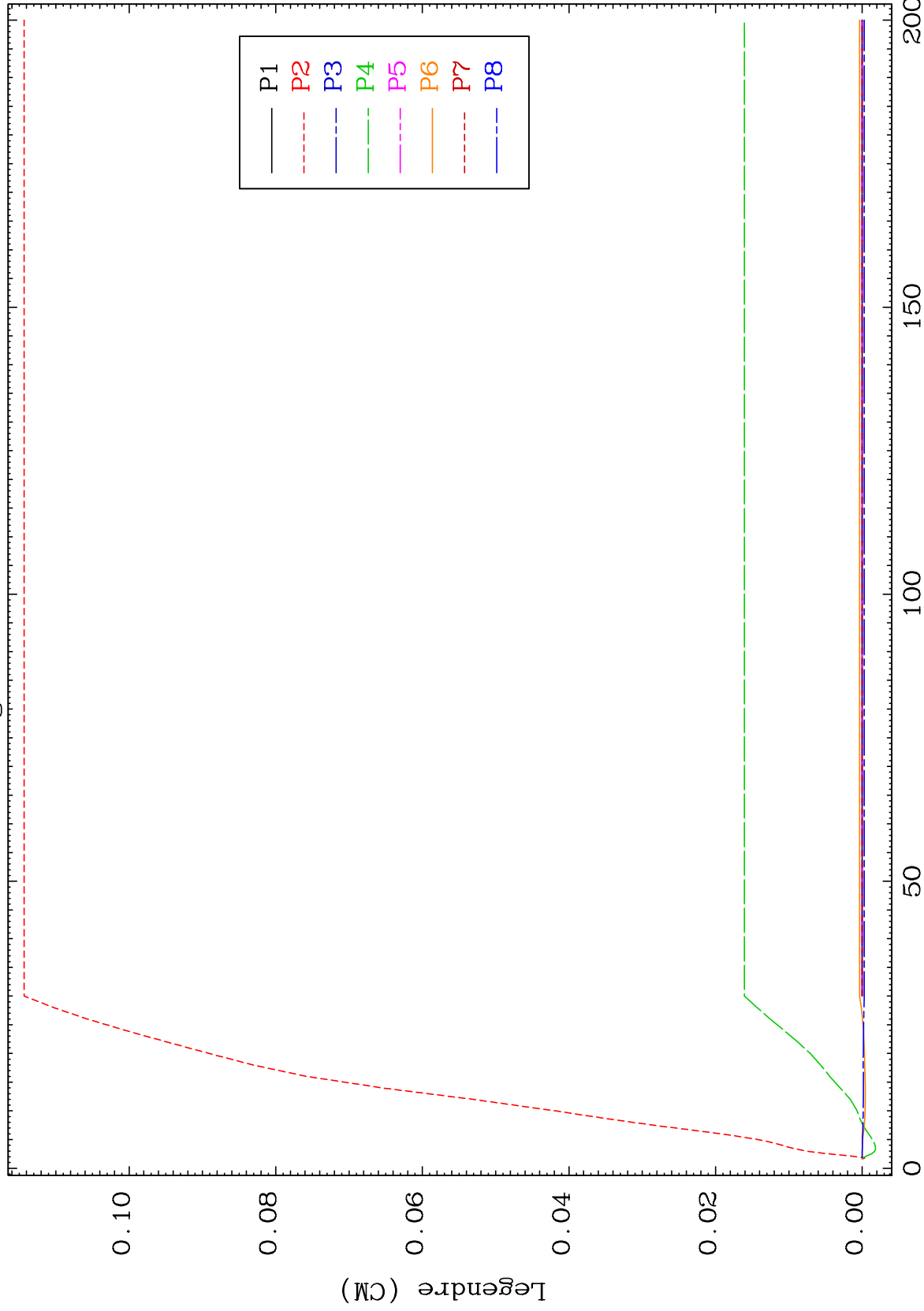
Incident Energy (MeV)

22-Ti-47

MAT 2228

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

22-Ti-47



22-Ti-47

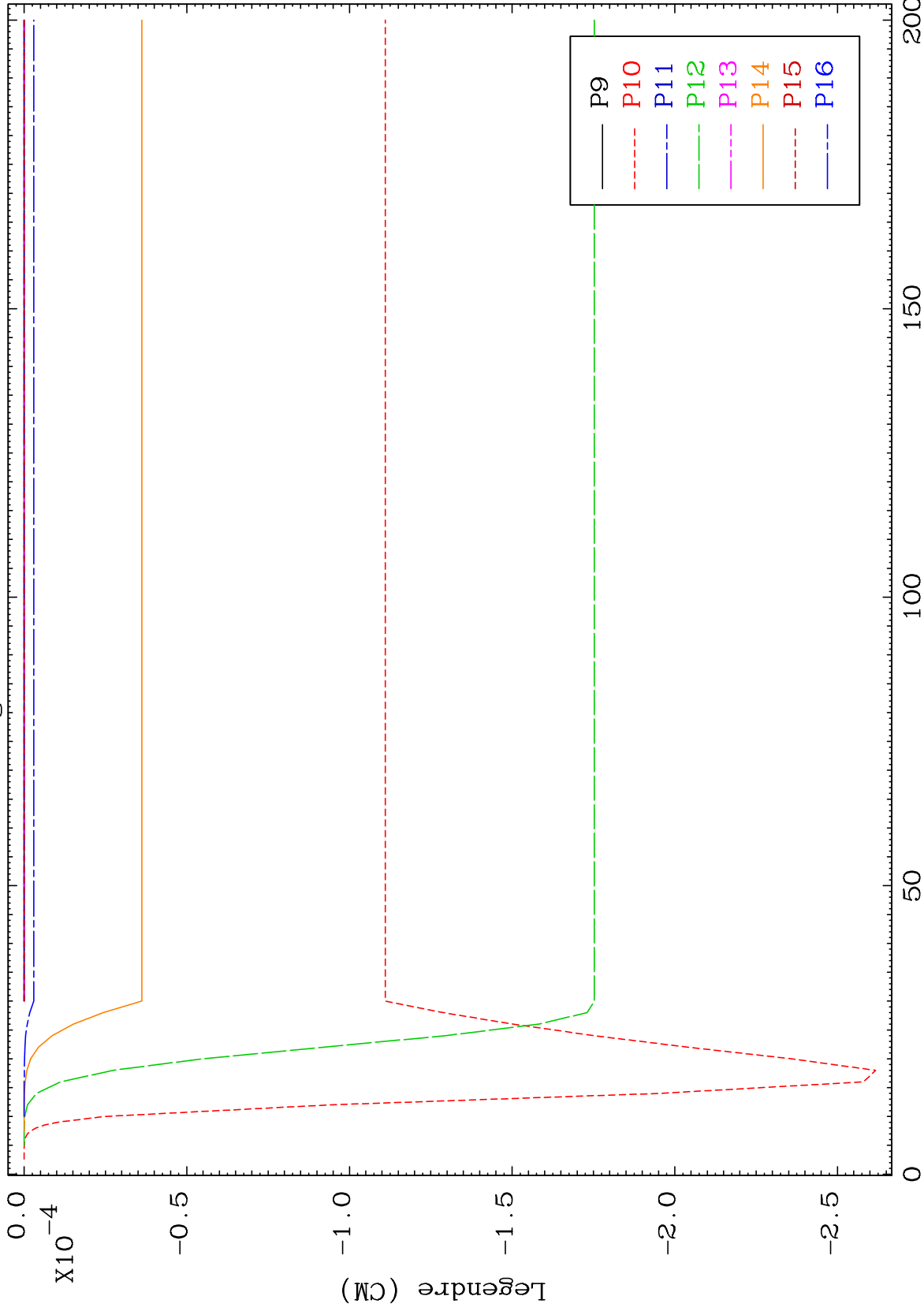
Incident Energy (MeV)

Legendre (CM)

MAT 2228

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

22-Ti-47

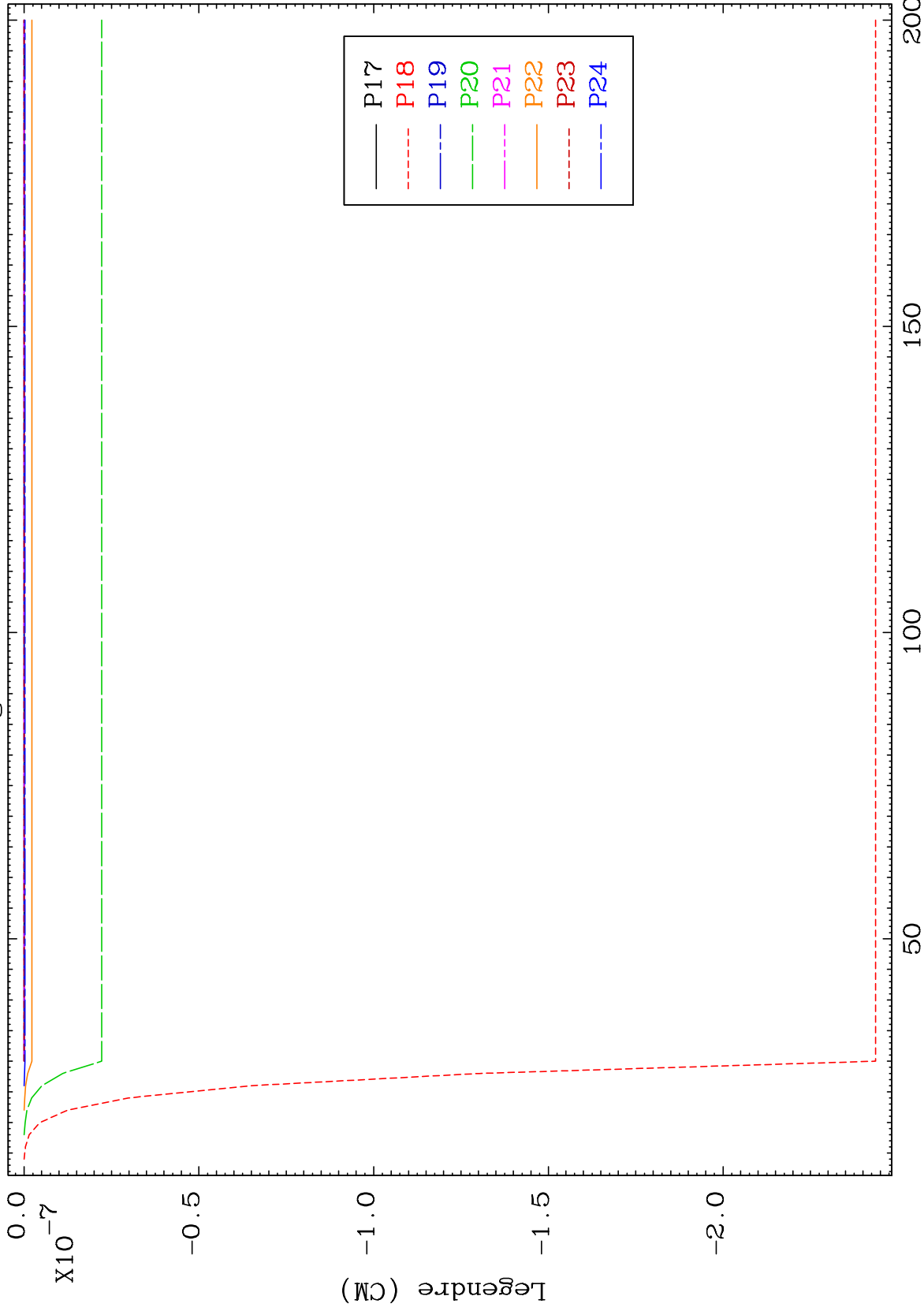


22-Ti-47

31

MAT 2228 MT= 55 (n,n') Level 22-Ti-47

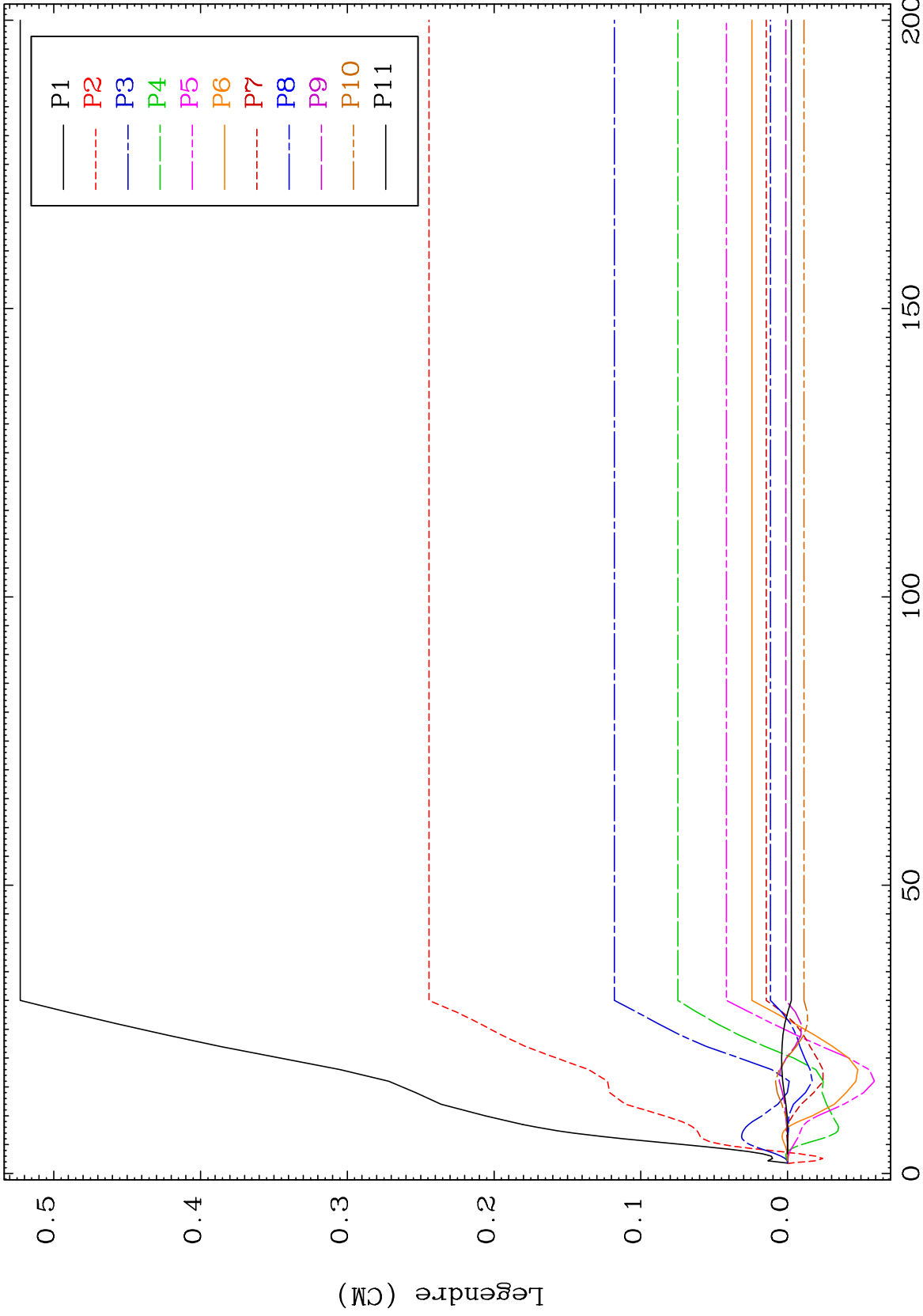
Legendre Coefficients



MAT 2228

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

22-Ti-47



33

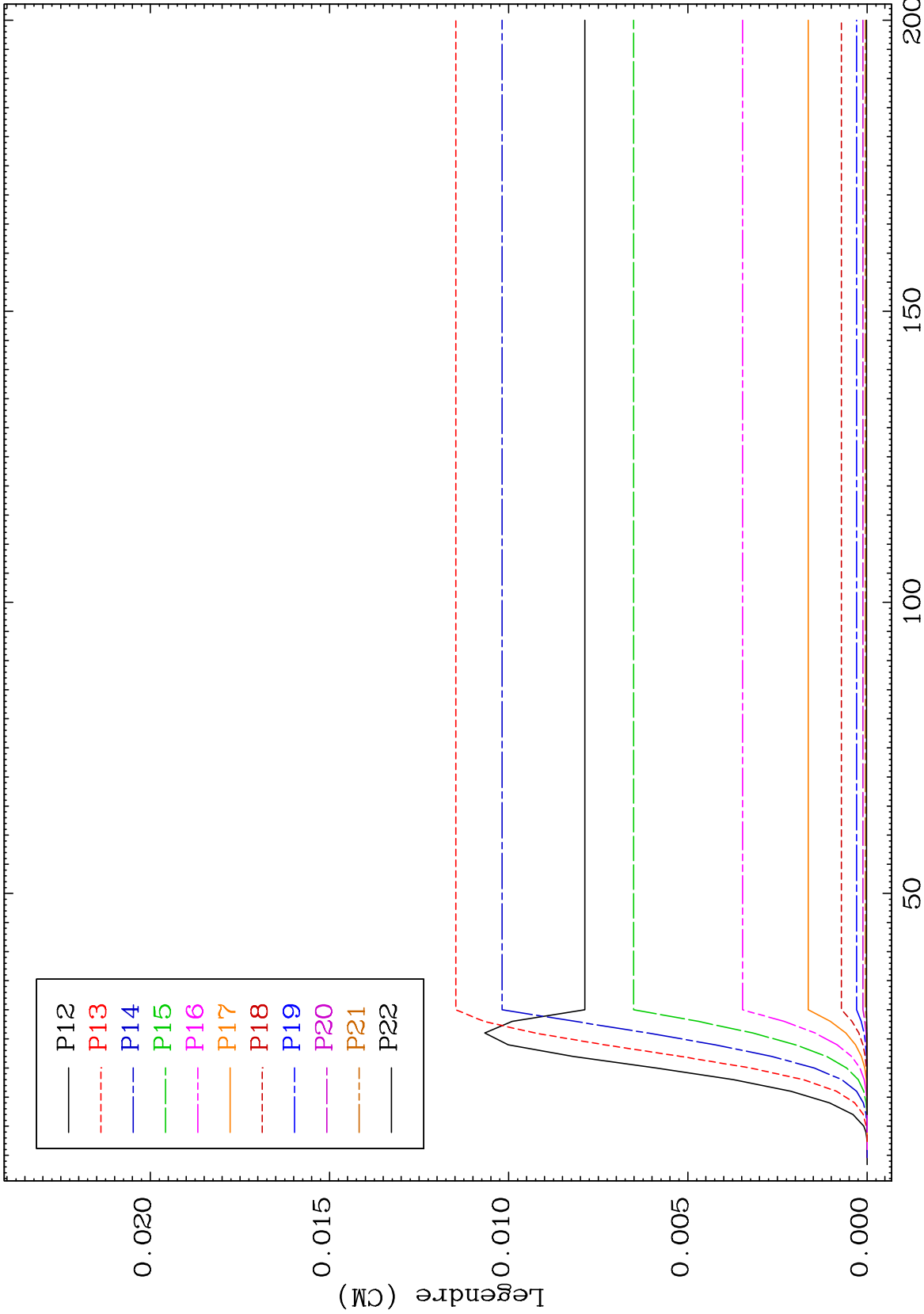
Incident Energy (MeV)

22-Ti-47

MAT 2228

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

22-Ti-47



34

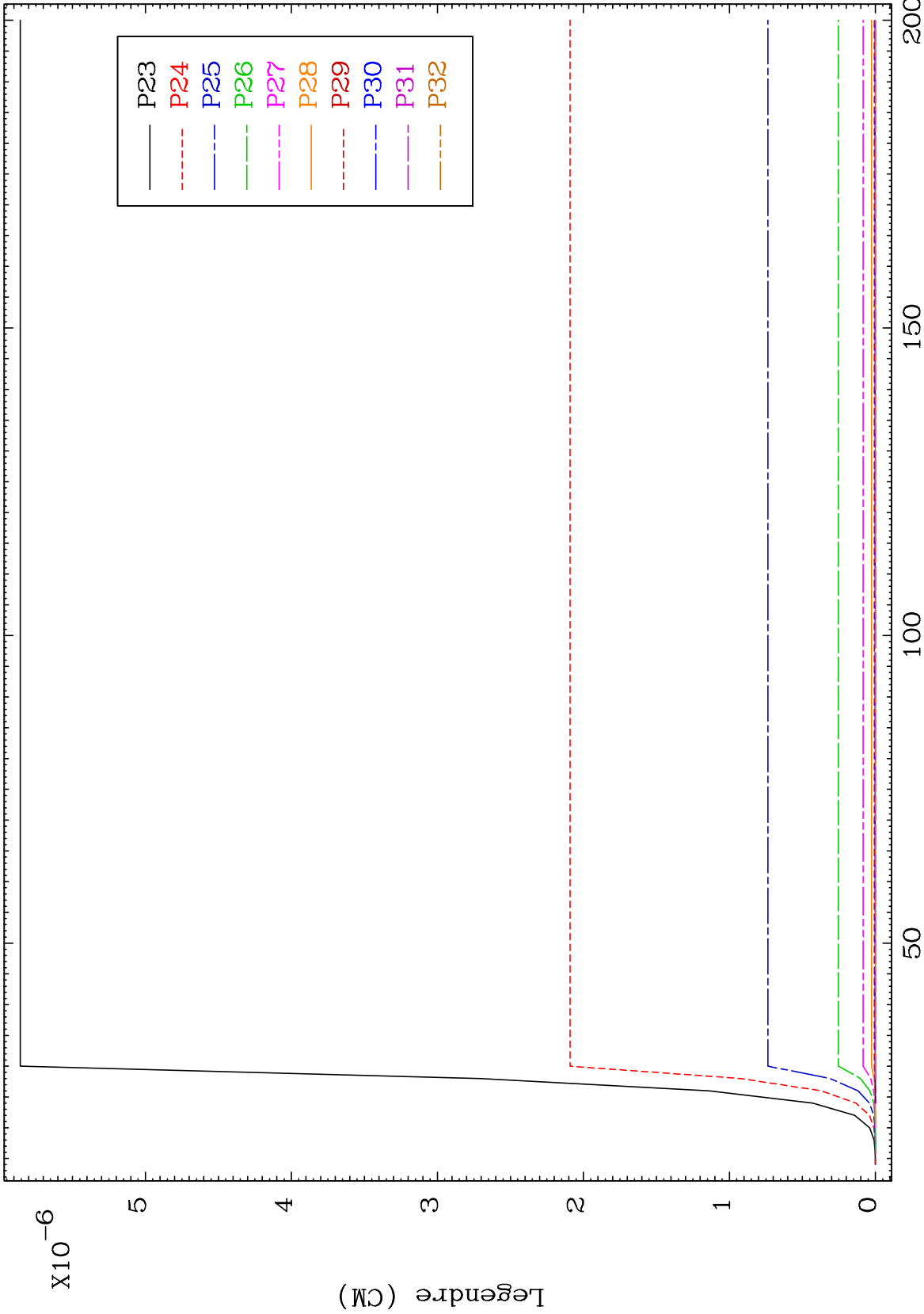
Incident Energy (MeV)

22-Ti-47

MAT 2228

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

22-Ti-47

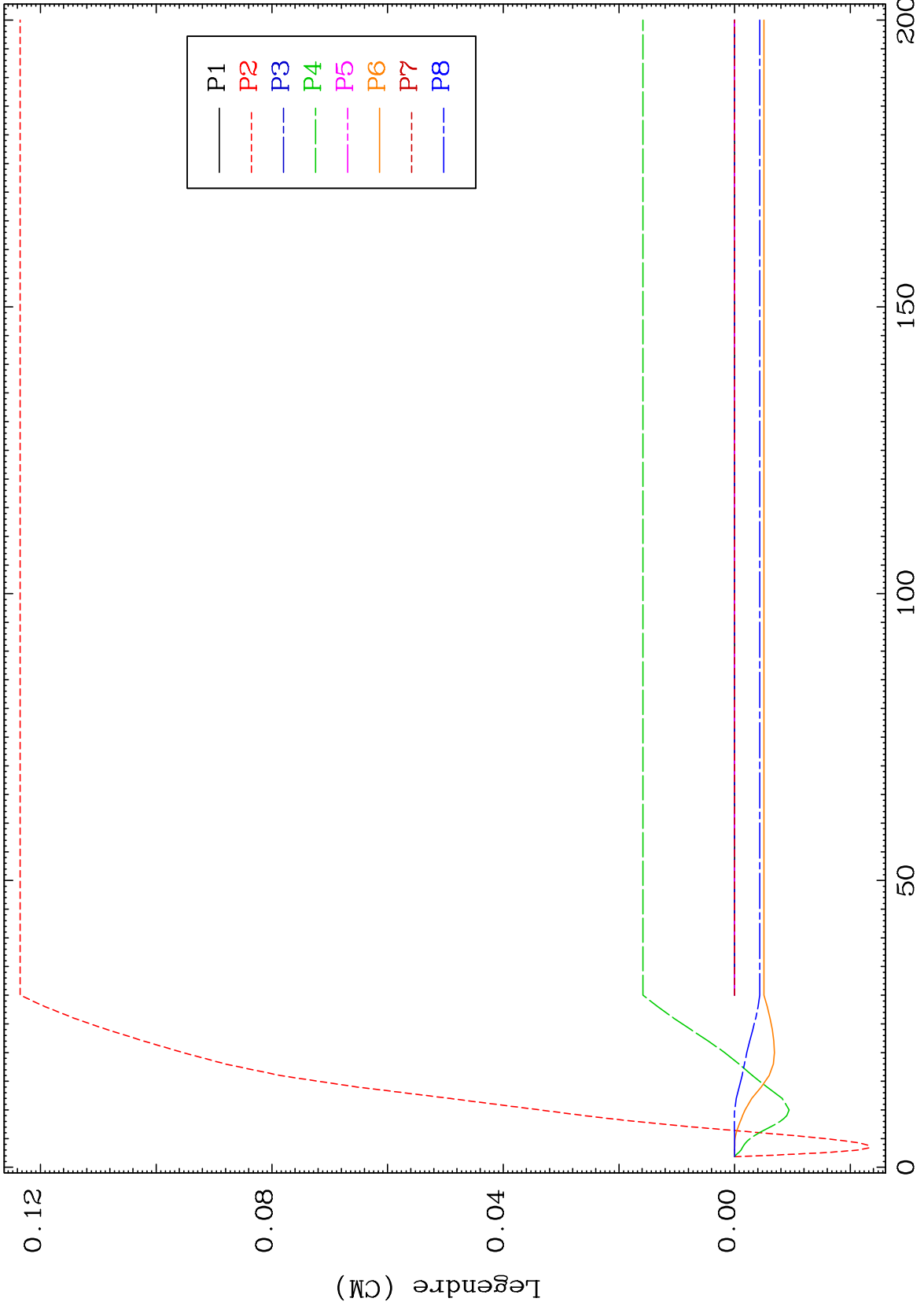


35

Incident Energy (MeV)

22-Ti-47

MAT 2228 MT= 57 (n,n') Level Legendre Coefficients 22-Ti-47

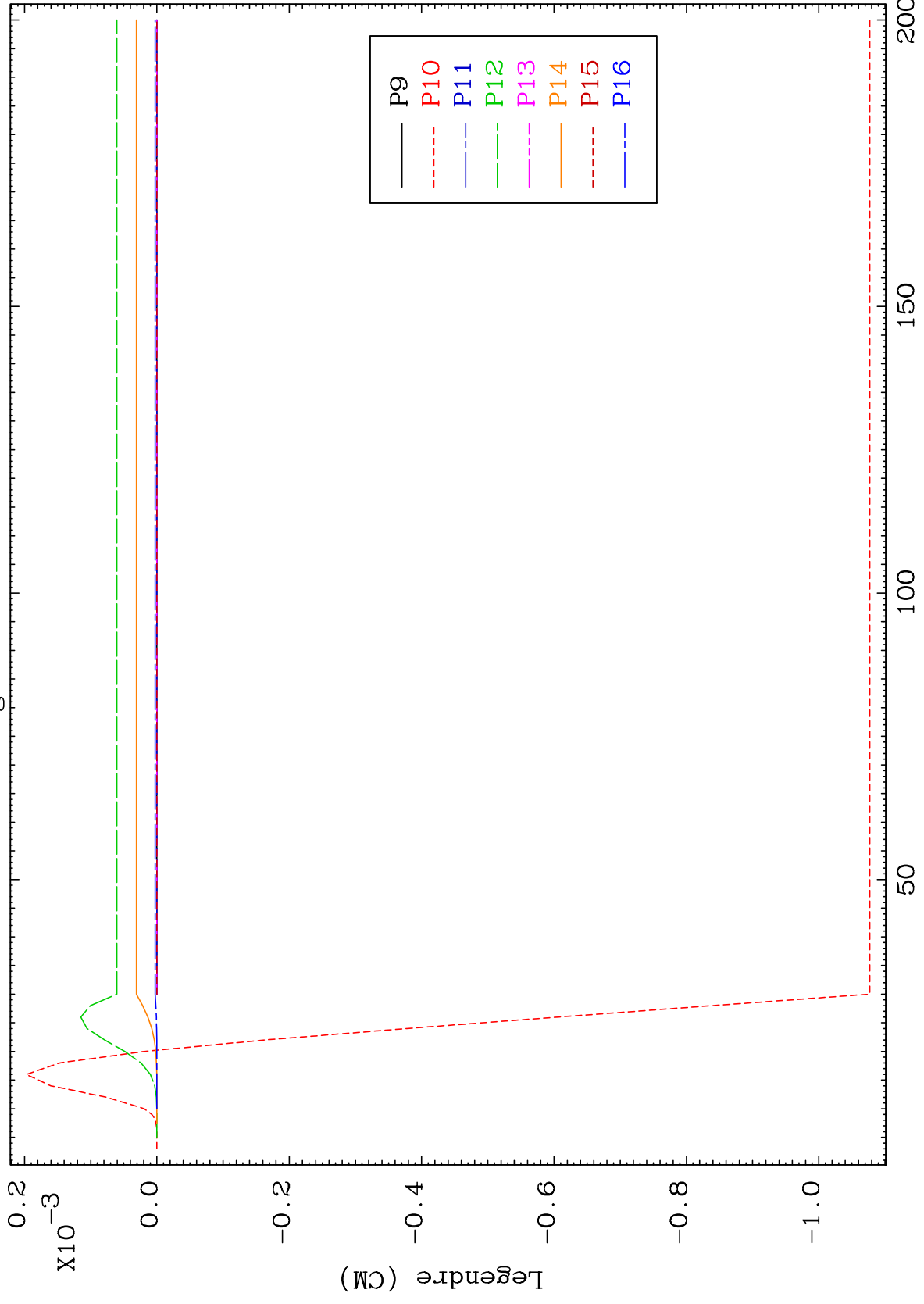


36 Incident Energy (MeV) 22-Ti-47

MAT 2228

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

22-Ti-47

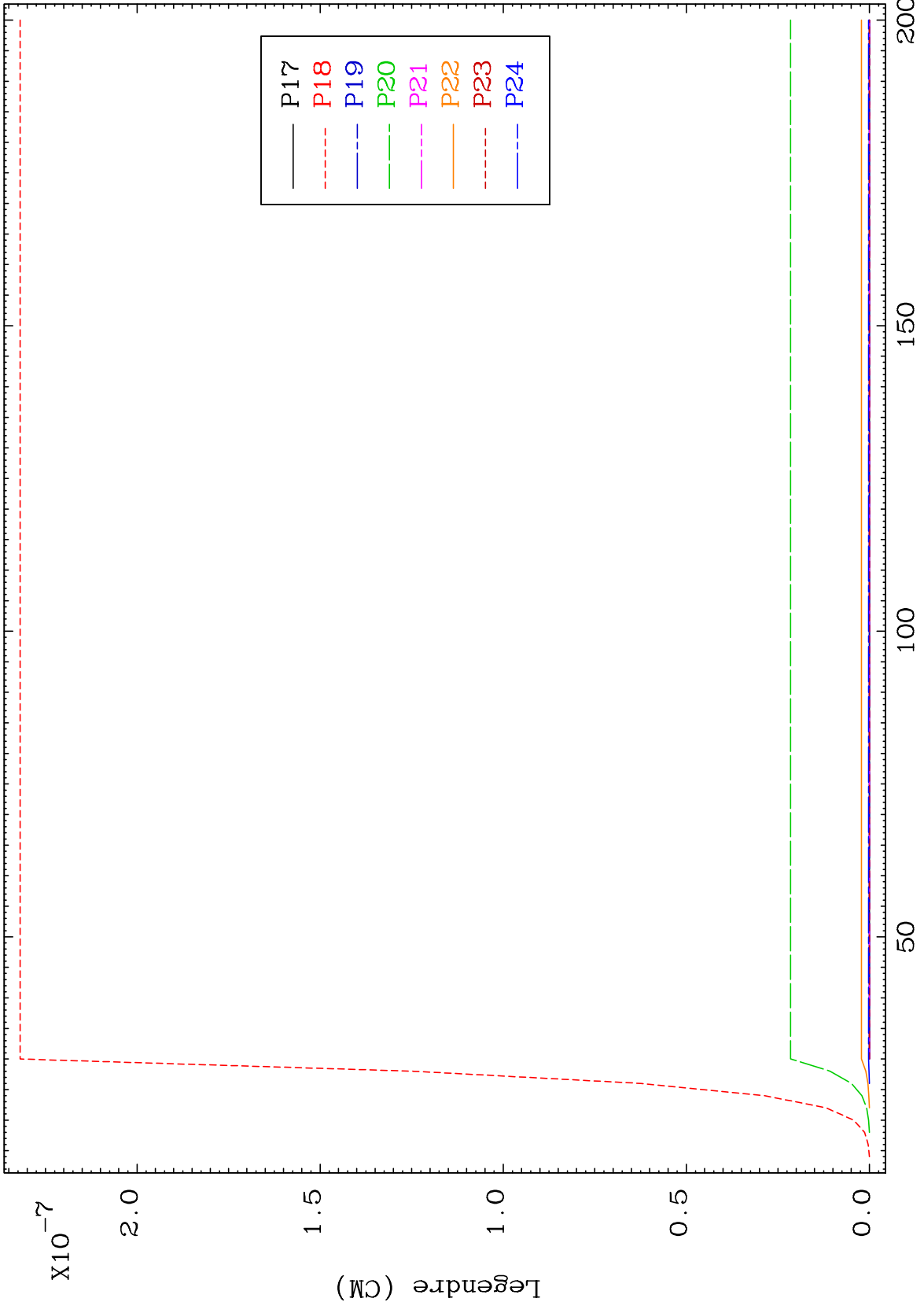


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Incident Energy (MeV)

22-Ti-47

MAT 2228 MT= 57 (n,n') Level Legendre Coefficients 22-Ti-47

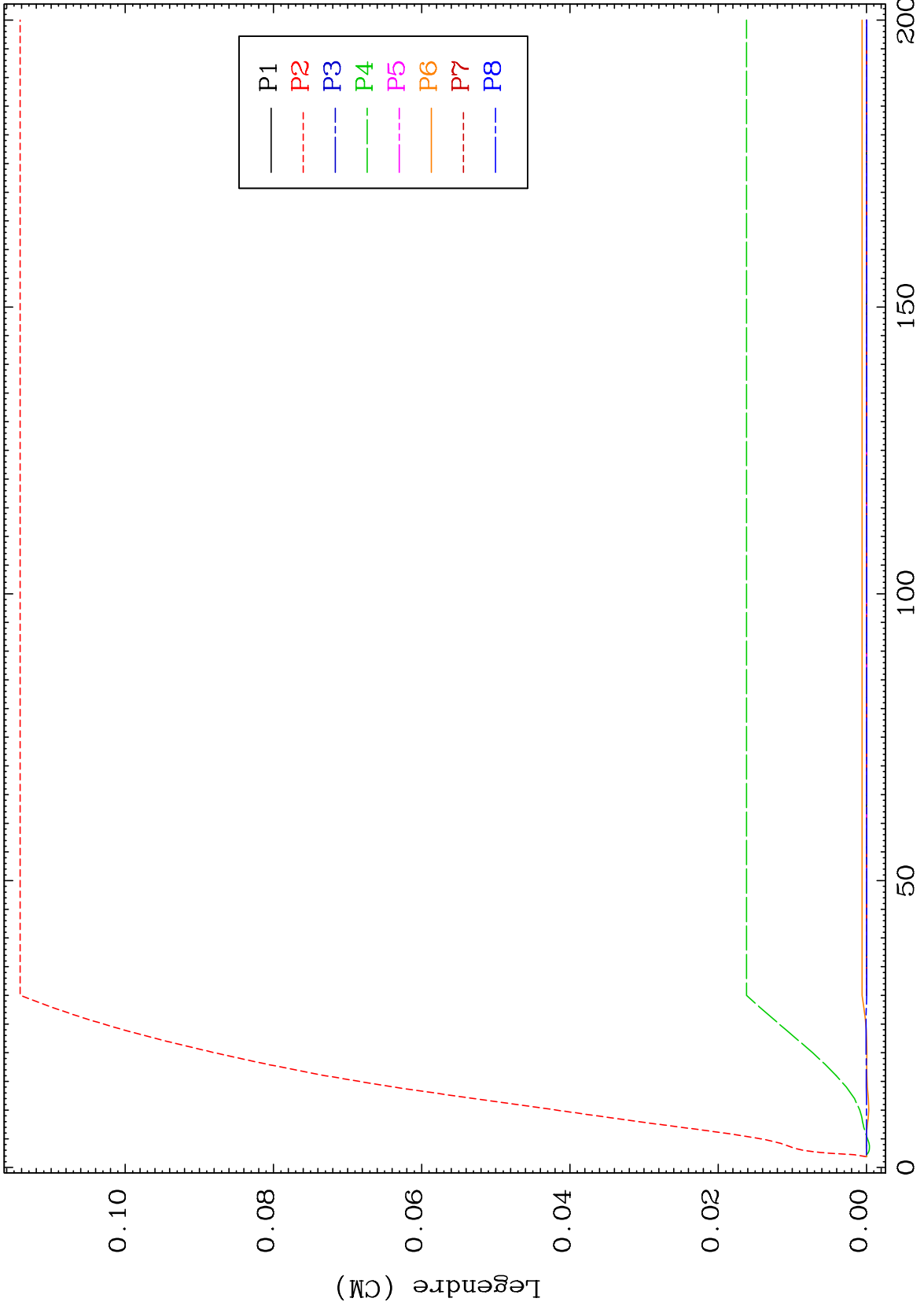


38 Incident Energy (MeV) 22-Ti-47

MAT 2228

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

22-Ti-47

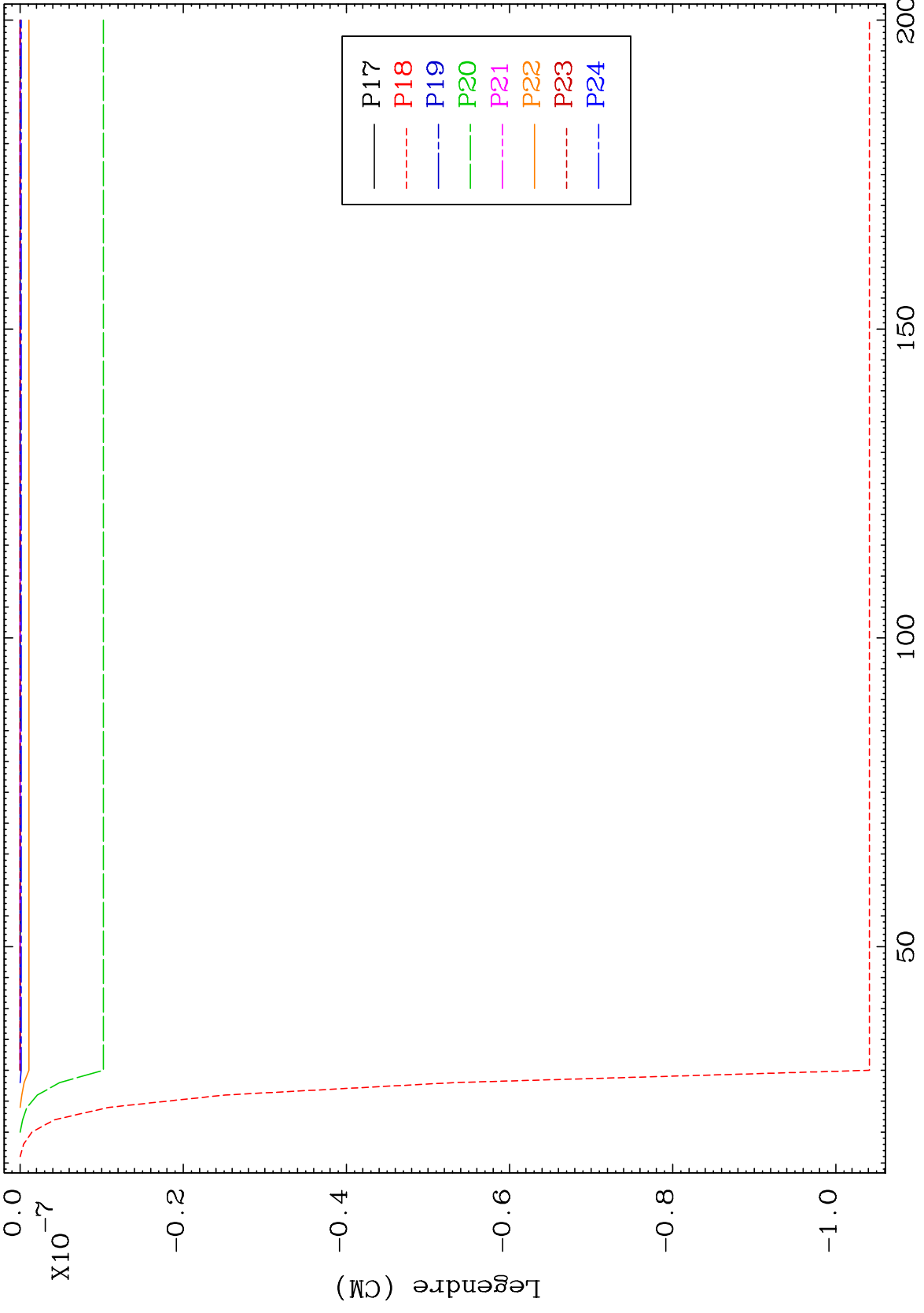


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Incident Energy (MeV)

22-Ti-47

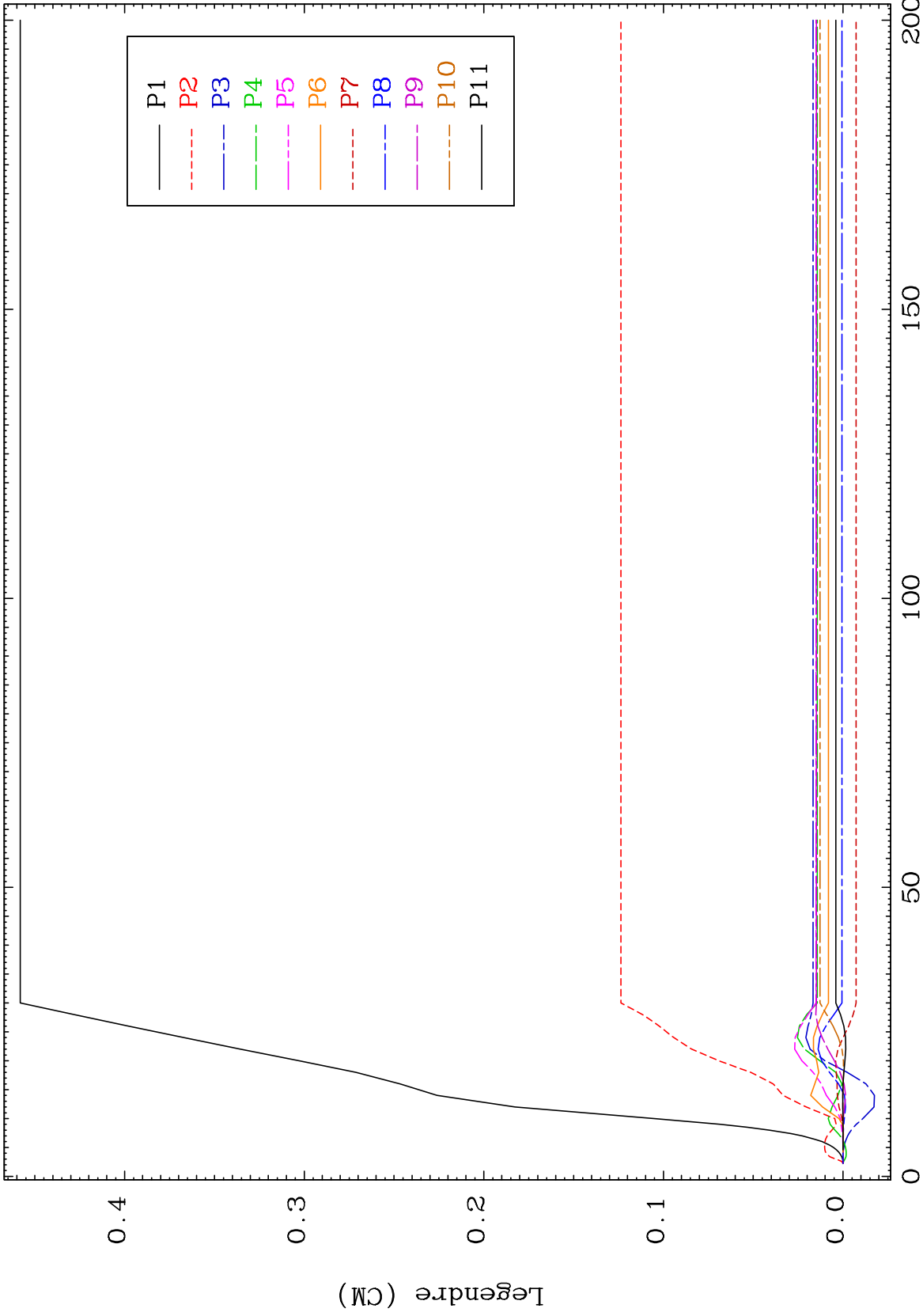
MAT 2228 MT= 58 (n,n') Level Legendre Coefficients 22-Ti-47



MAT 2228

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

22-Ti-47



42

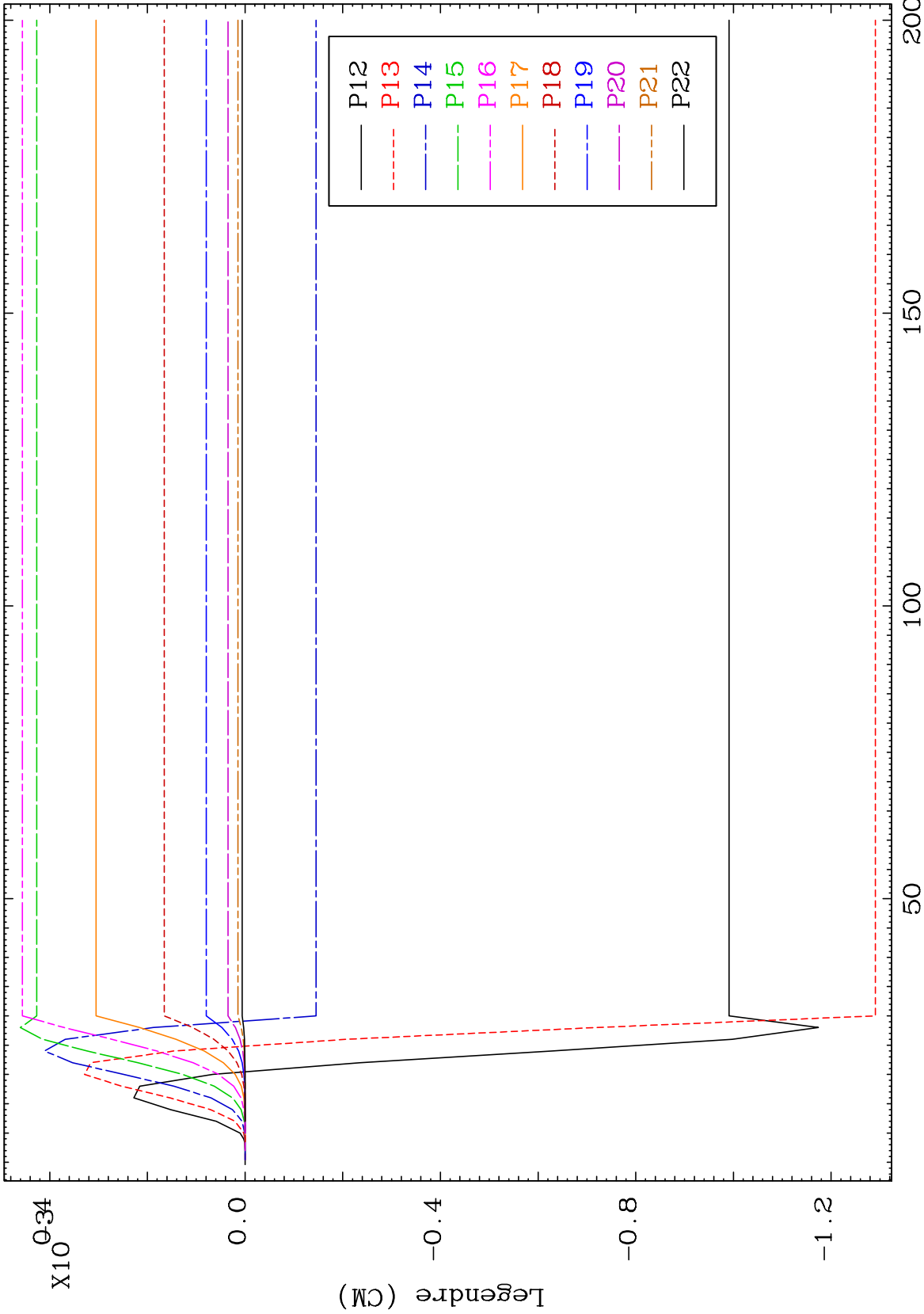
Incident Energy (MeV)

22-Ti-47

MAT 2228

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

22-Ti-47



43

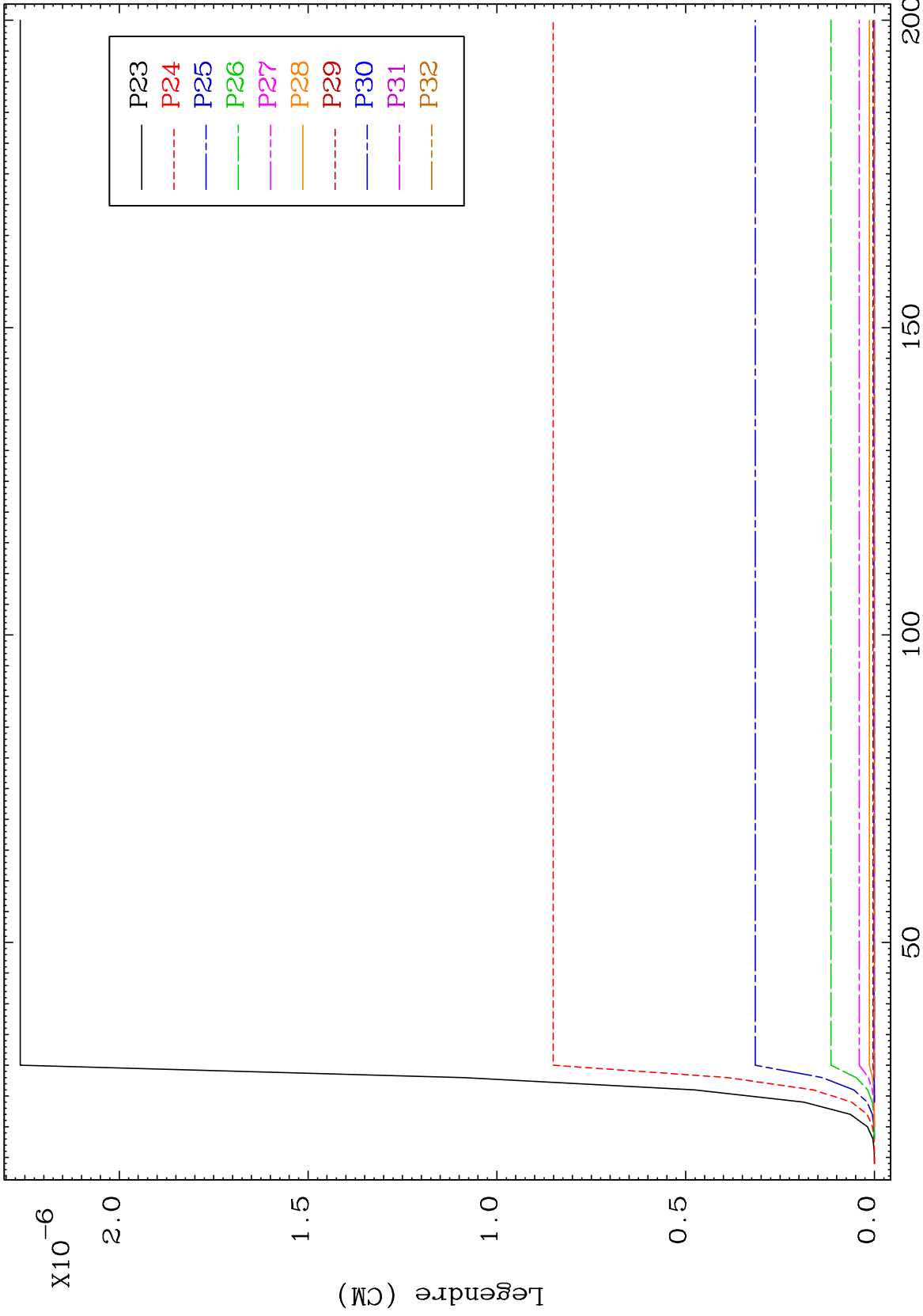
Incident Energy (MeV)

22-Ti-47

MAT 2228

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

22-Ti-47

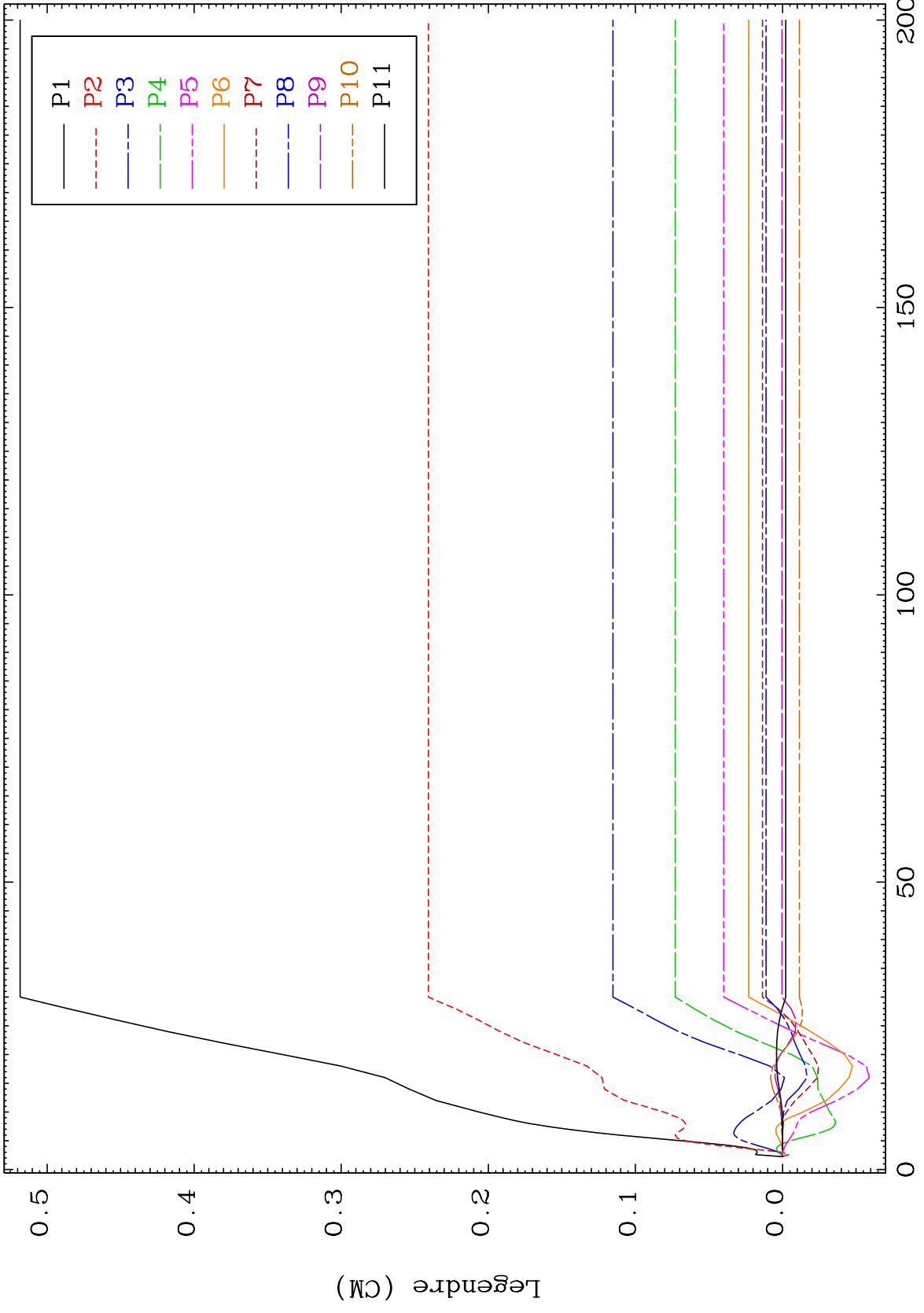


44

Incident Energy (MeV)

22-Ti-47

MAT 2228 MT= 60 (n,n') Level Legendre Coefficients 22-Ti-47

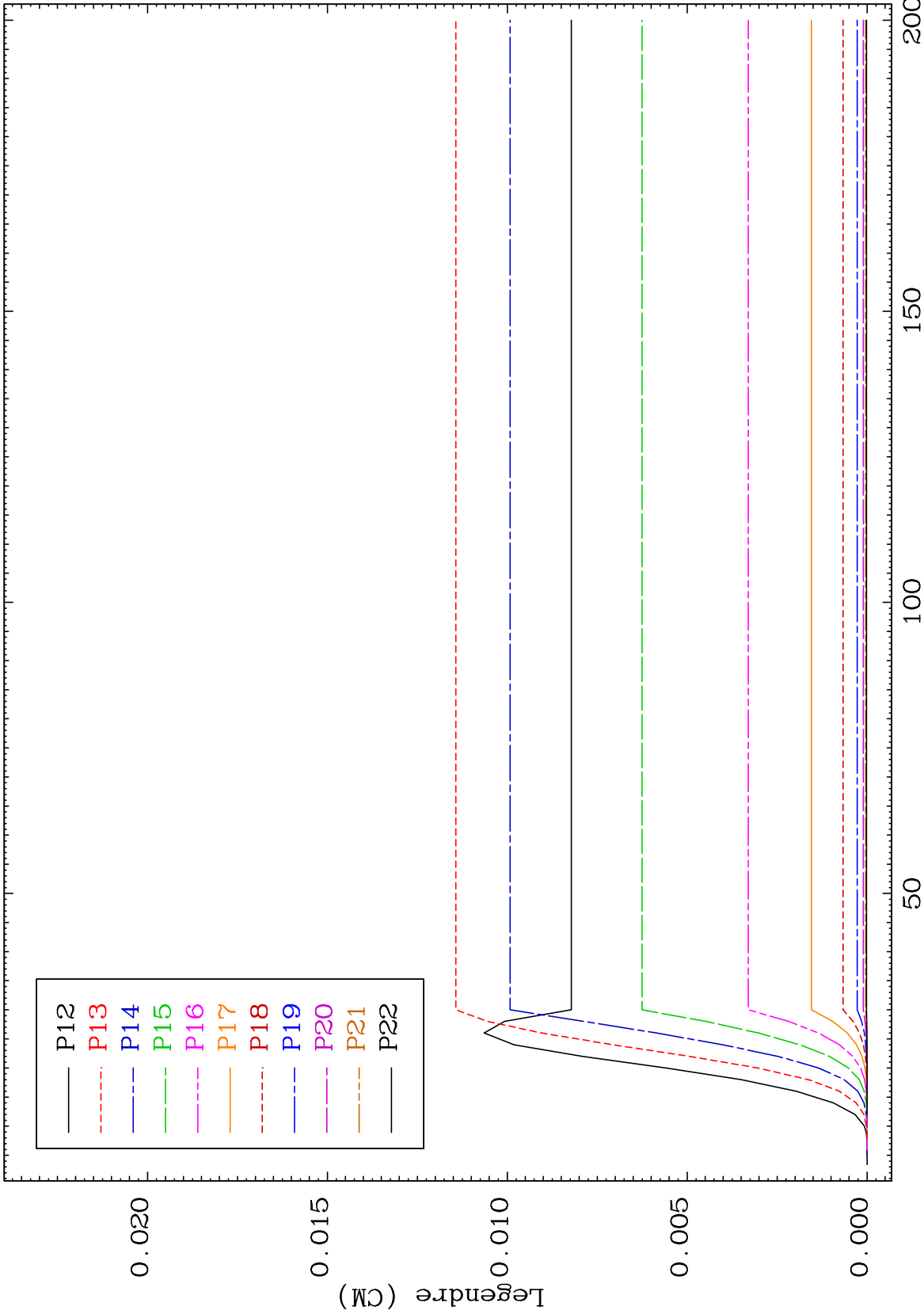


45 Incident Energy (MeV) 22-Ti-47

MAT 2228

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

22-Ti-47



46

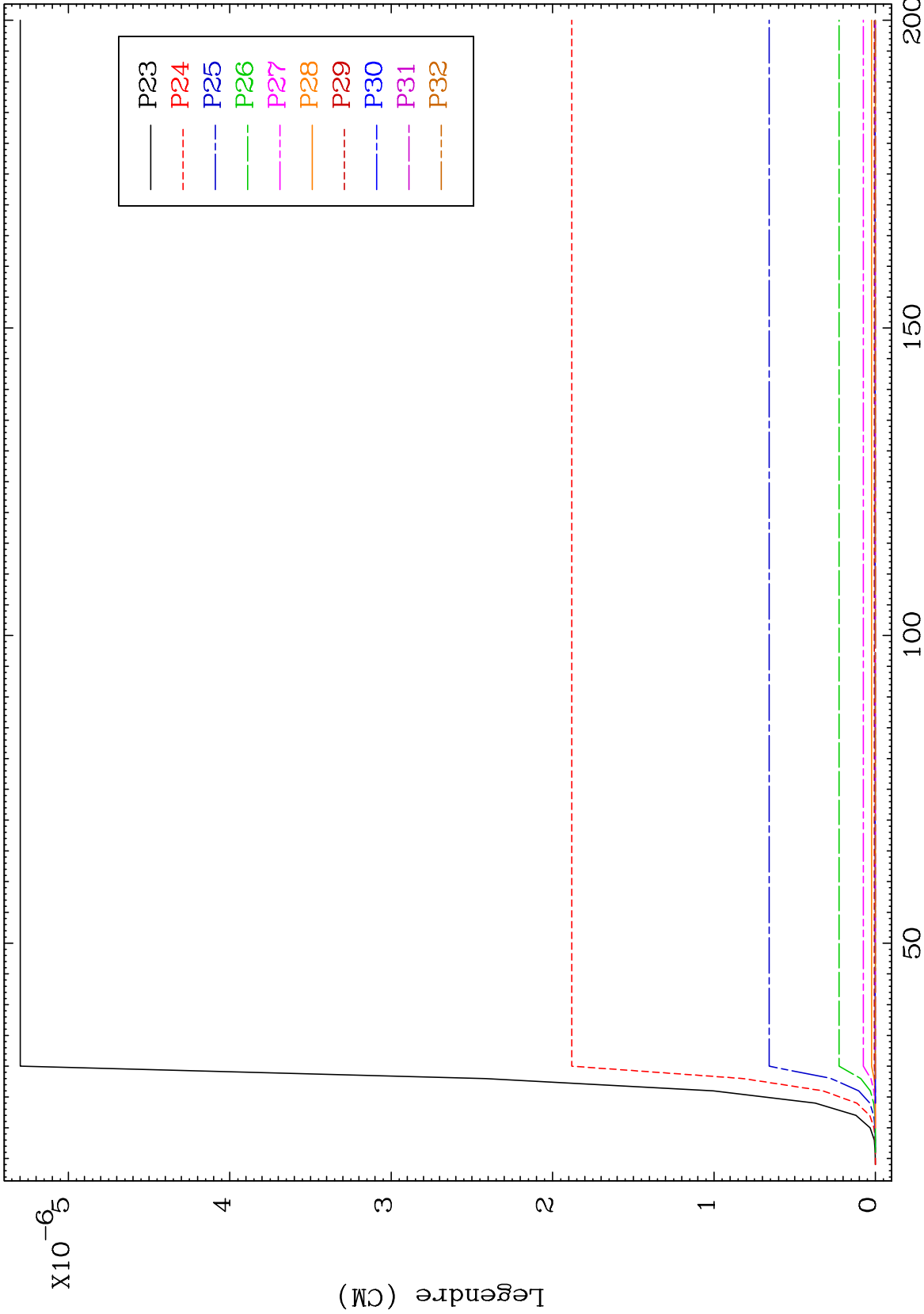
Incident Energy (MeV)

22-Ti-47

MAT 2228

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

22-Ti-47



47

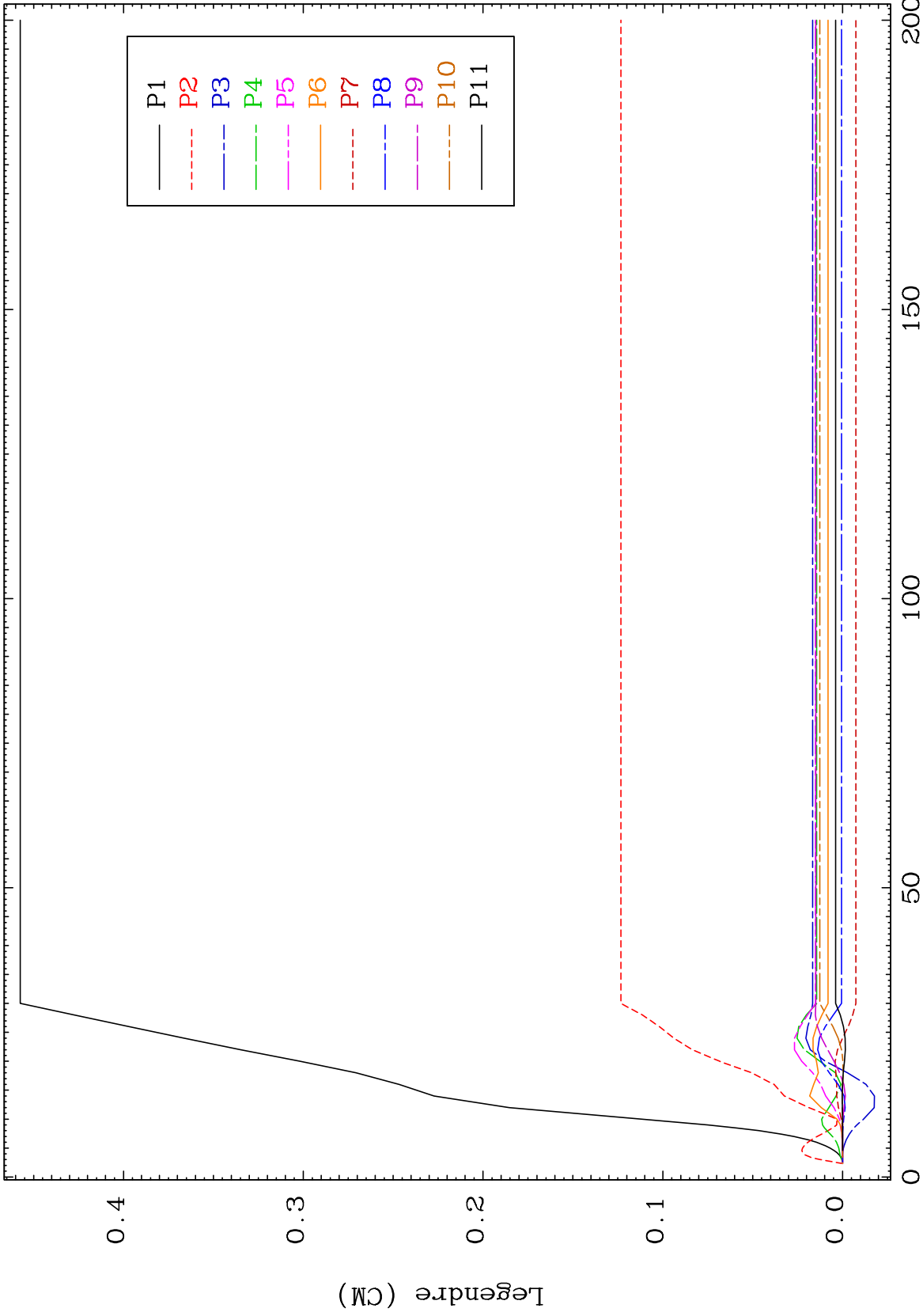
Incident Energy (MeV)

22-Ti-47

MAT 2228

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

22-Ti-47



48

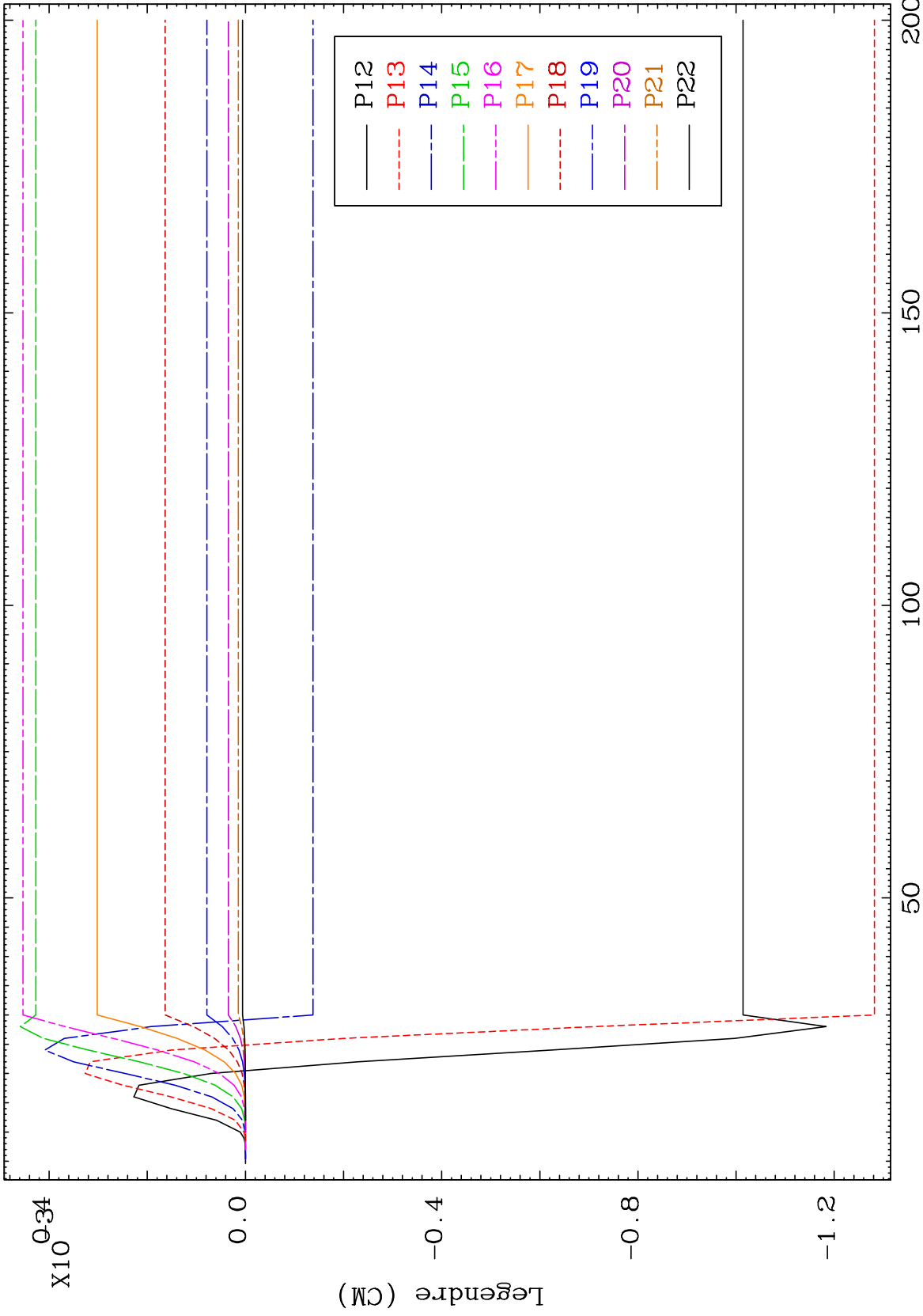
Incident Energy (MeV)

22-Ti-47

MAT 2228

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

22-Ti-47

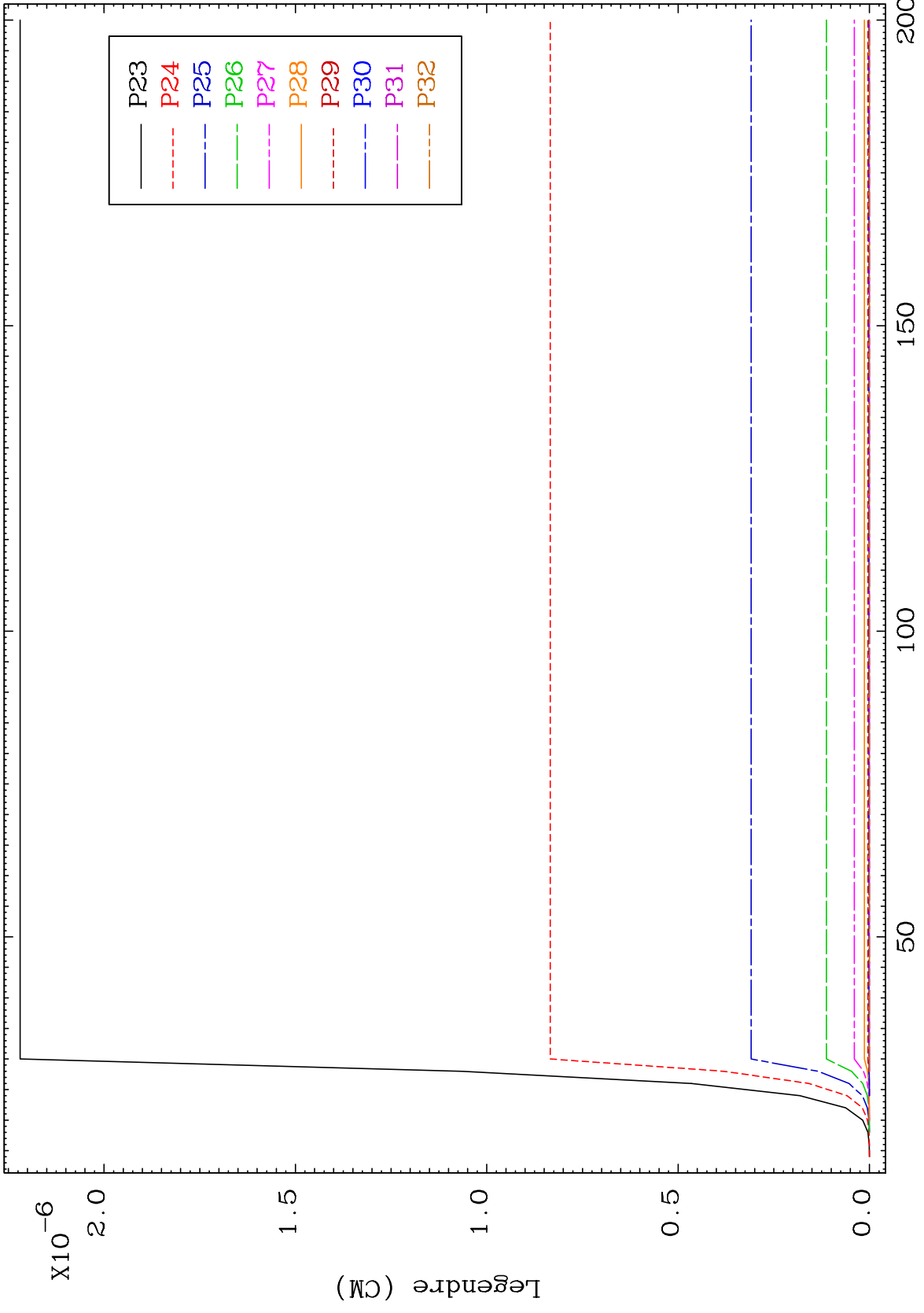


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Incident Energy (MeV)

22-Ti-47

MAT 2228 MT= 61 (n,n') Level Legendre Coefficients 22-Ti-47

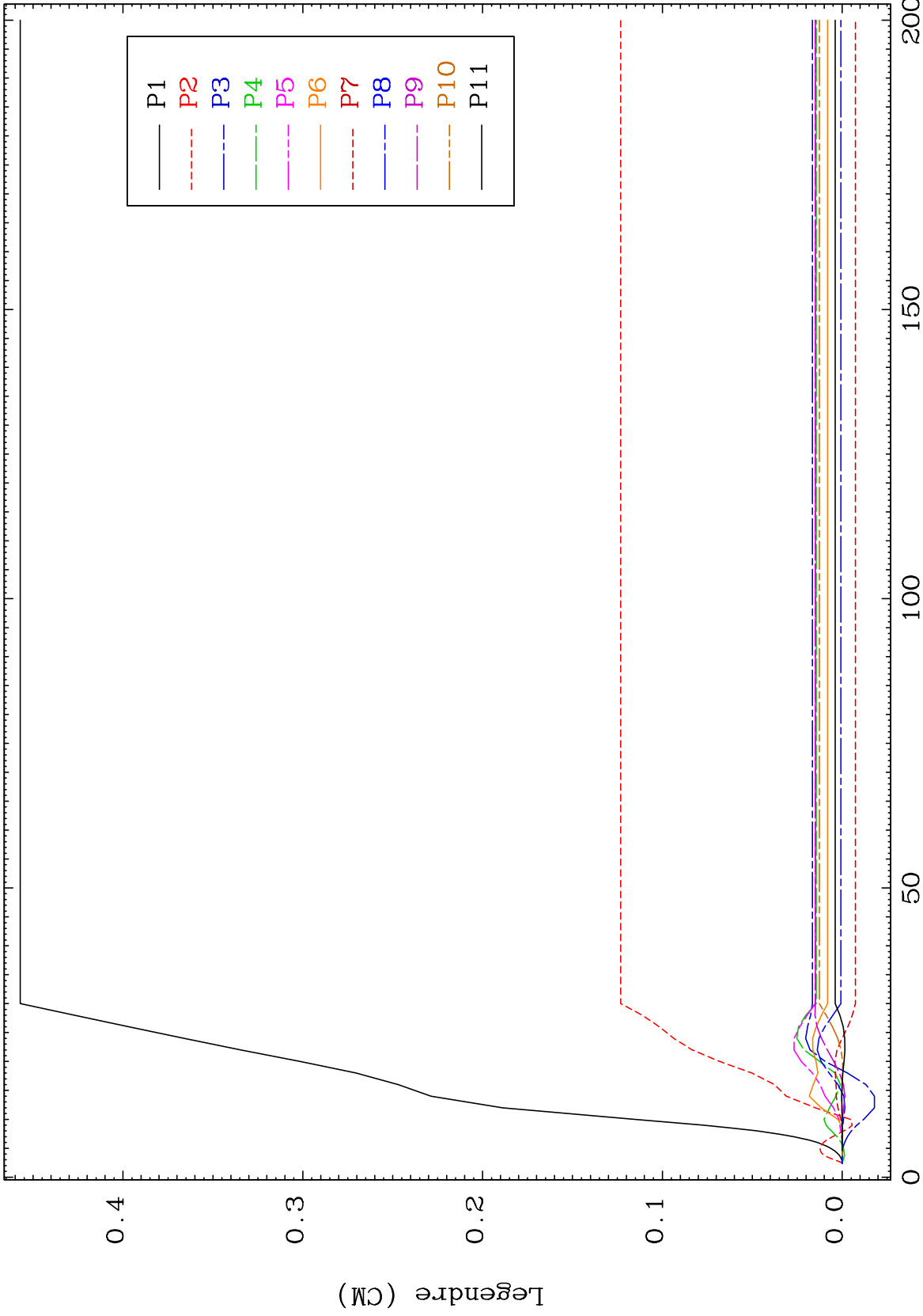


22-Ti-47

MAT 2228

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

22-Ti-47



51

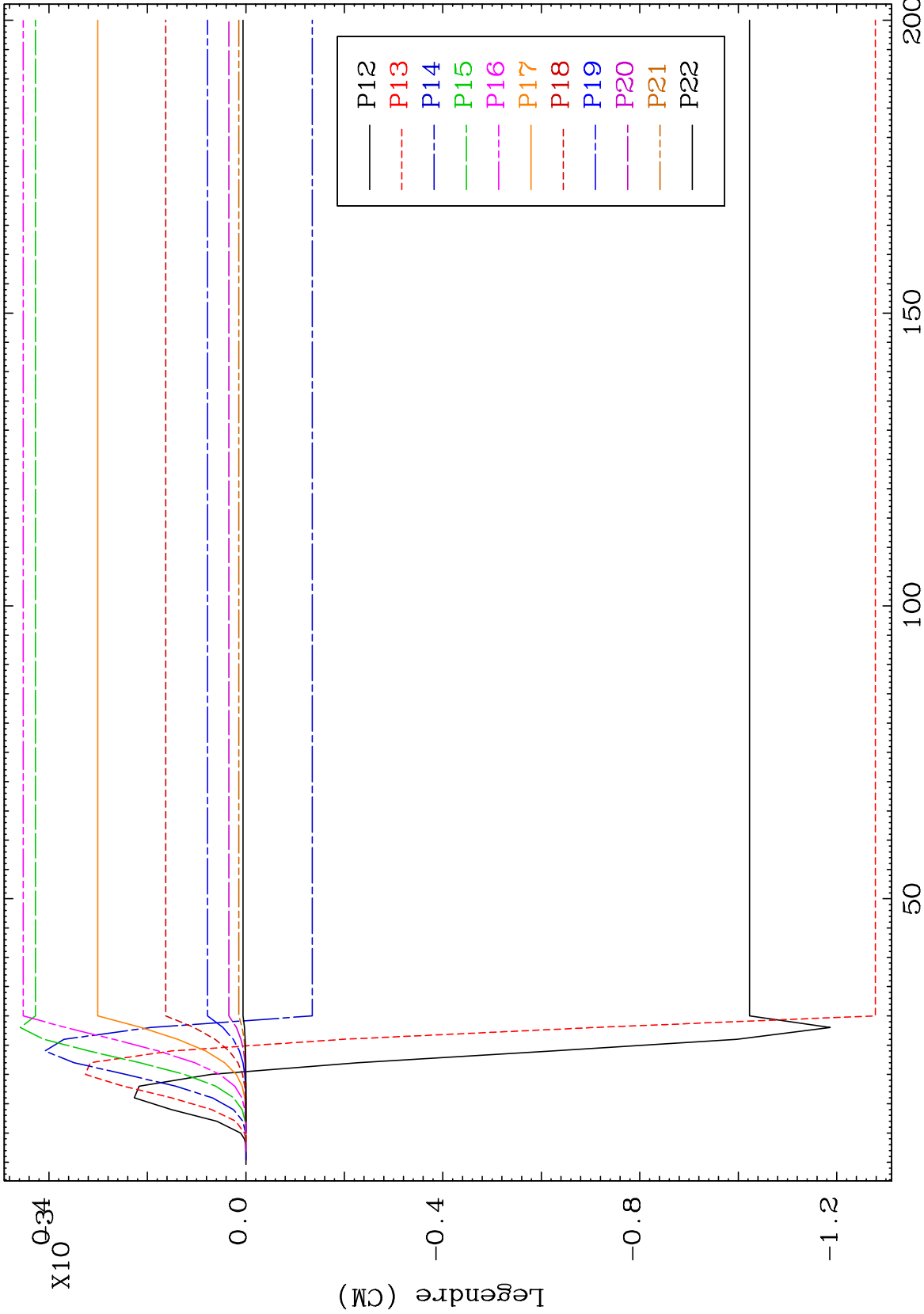
Incident Energy (MeV)

22-Ti-47

MAT 2228

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

22-Ti-47



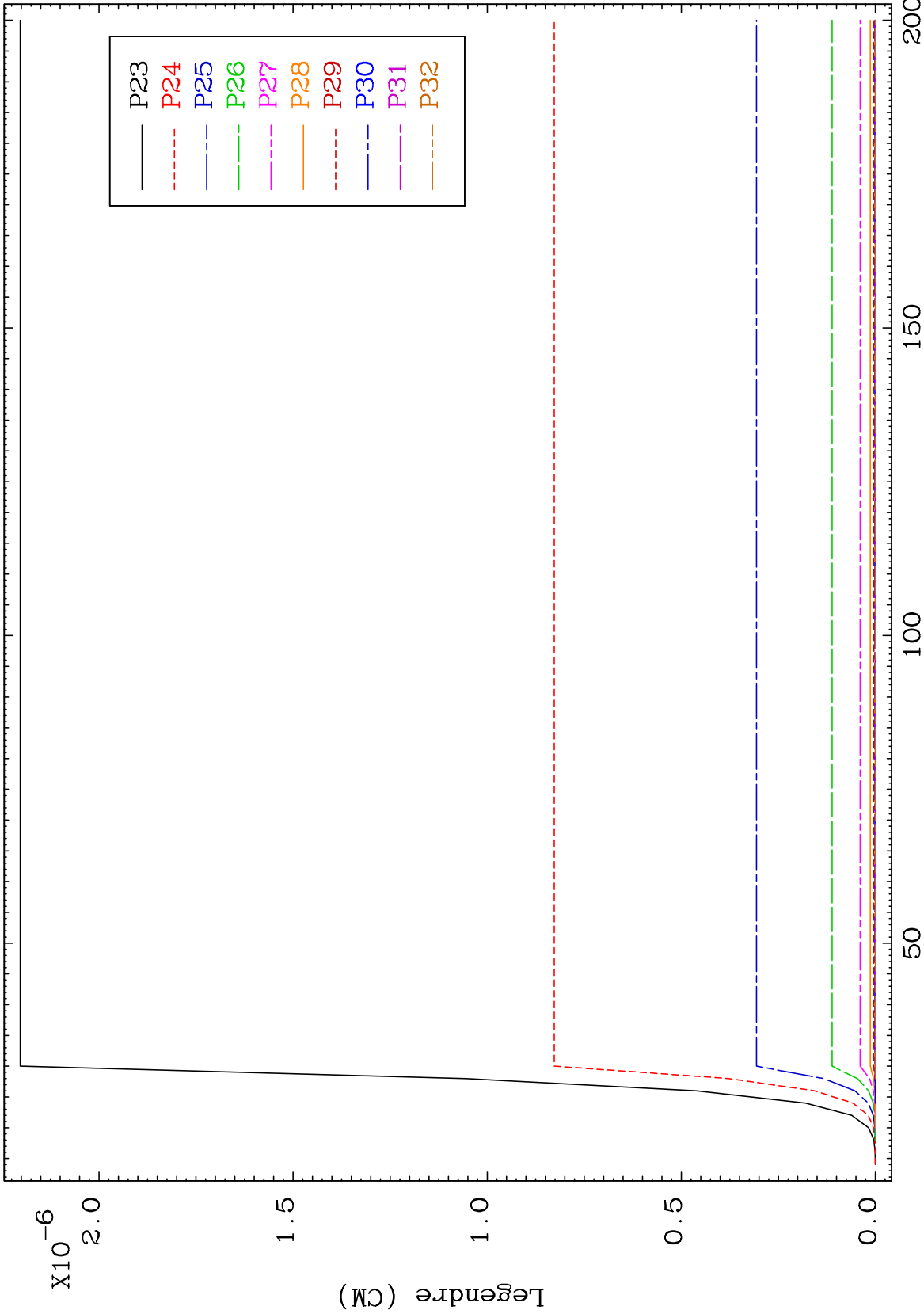
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22-Ti-47

MAT 2228

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

22-Ti-47



53

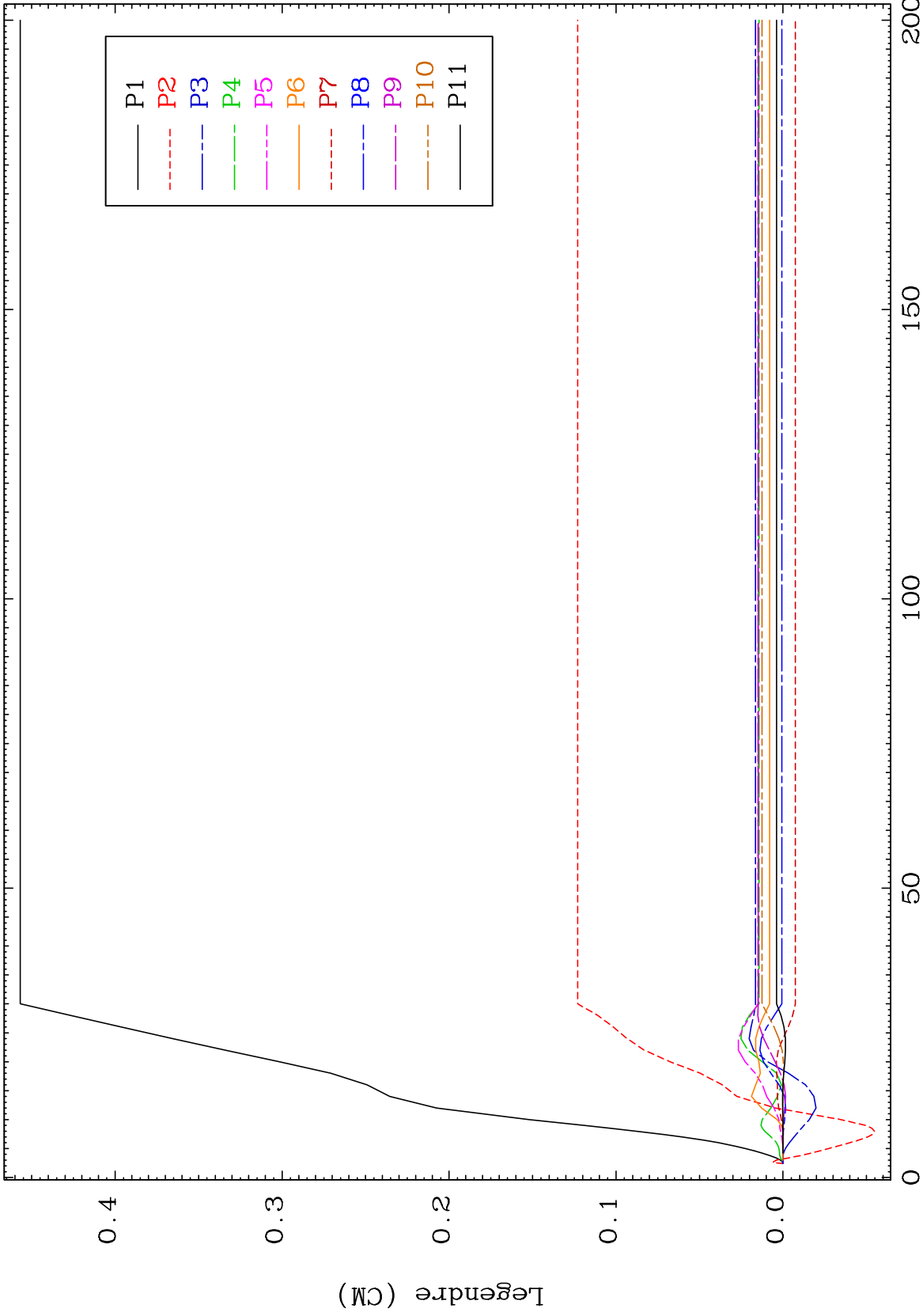
Incident Energy (MeV)

22-Ti-47

MAT 2228

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

22-Ti-47



54

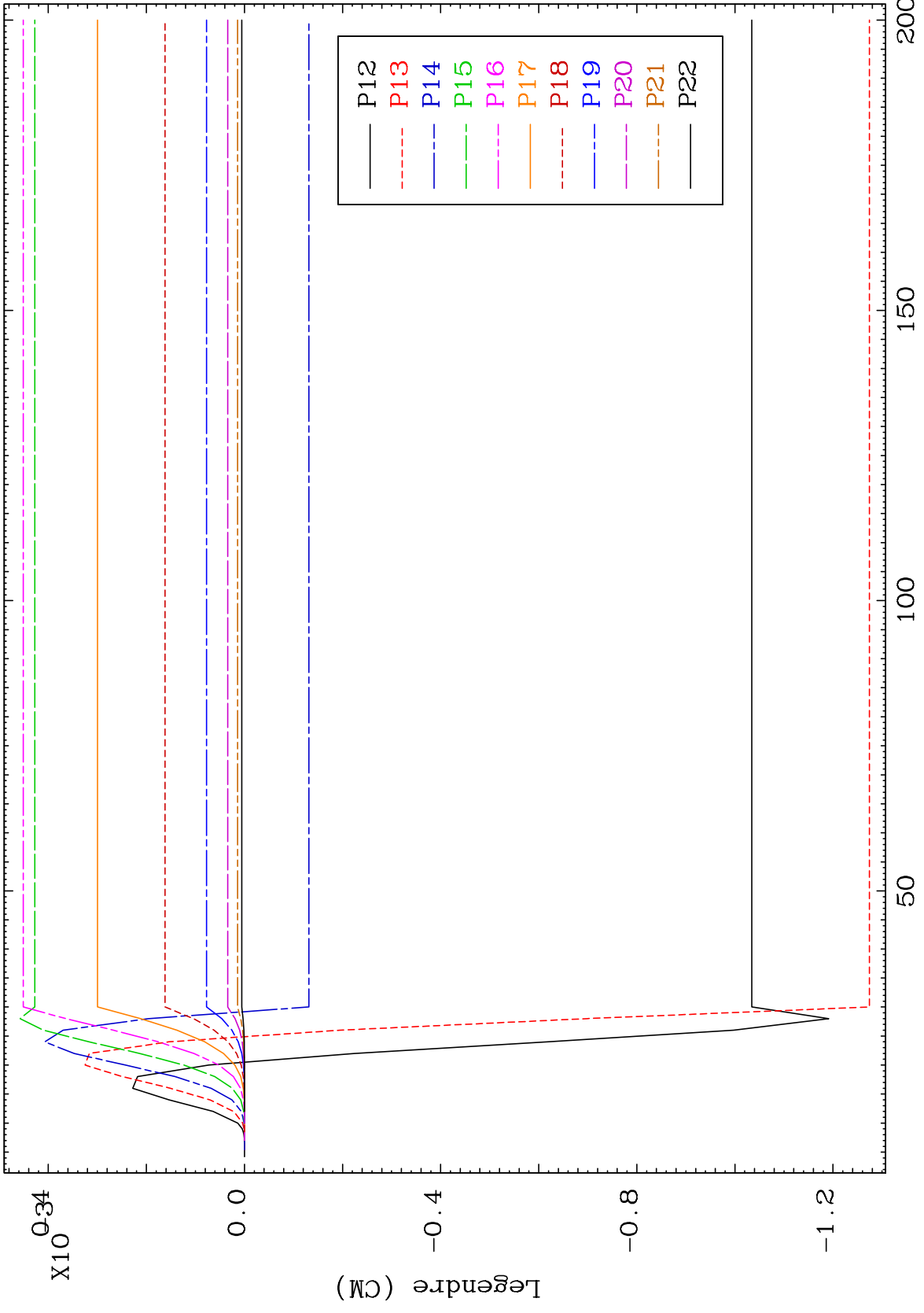
Incident Energy (MeV)

22-Ti-47

MAT 2228

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

22-Ti-47



55

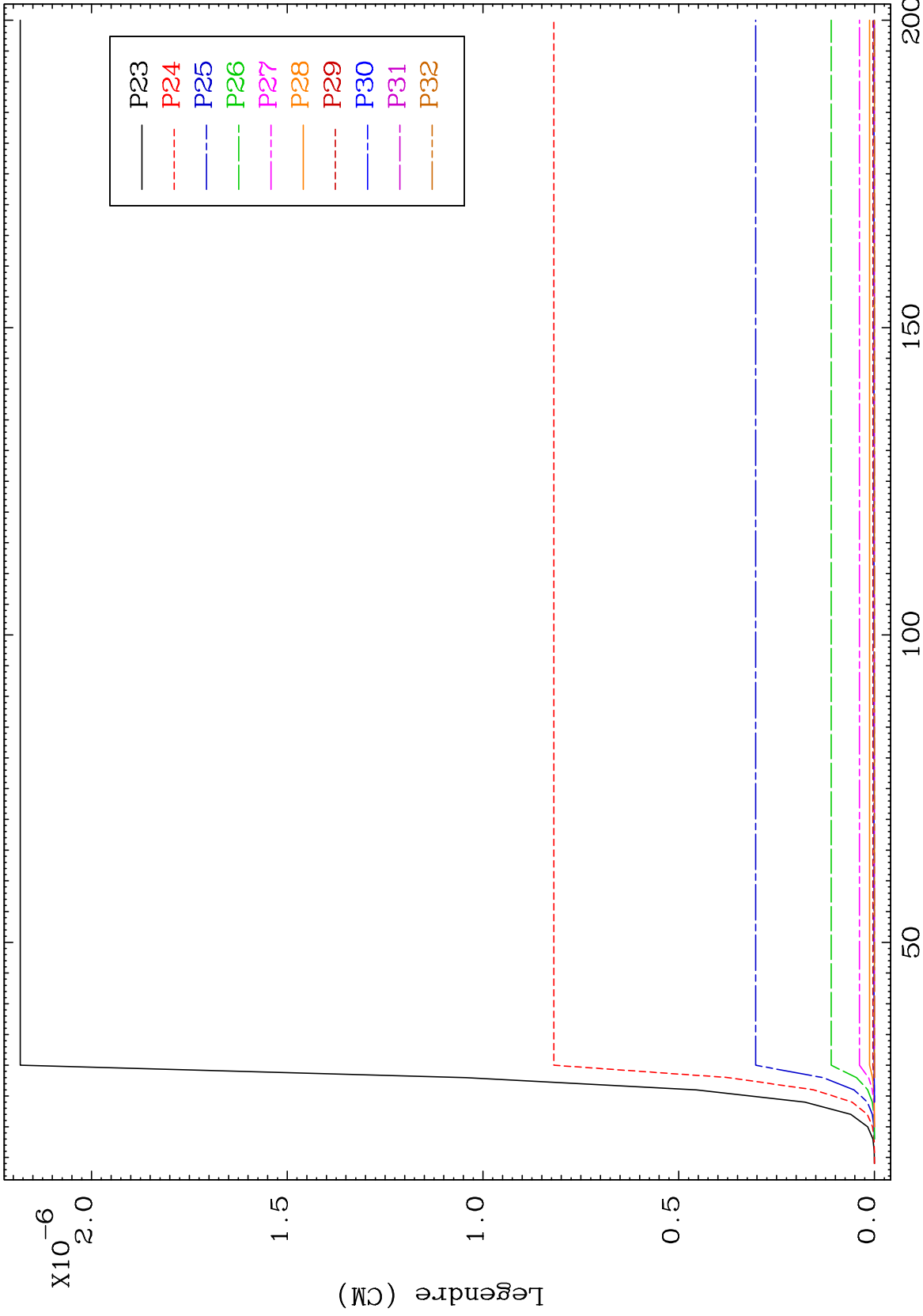
Incident Energy (MeV)

22-Ti-47

MAT 2228

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

22-Ti-47

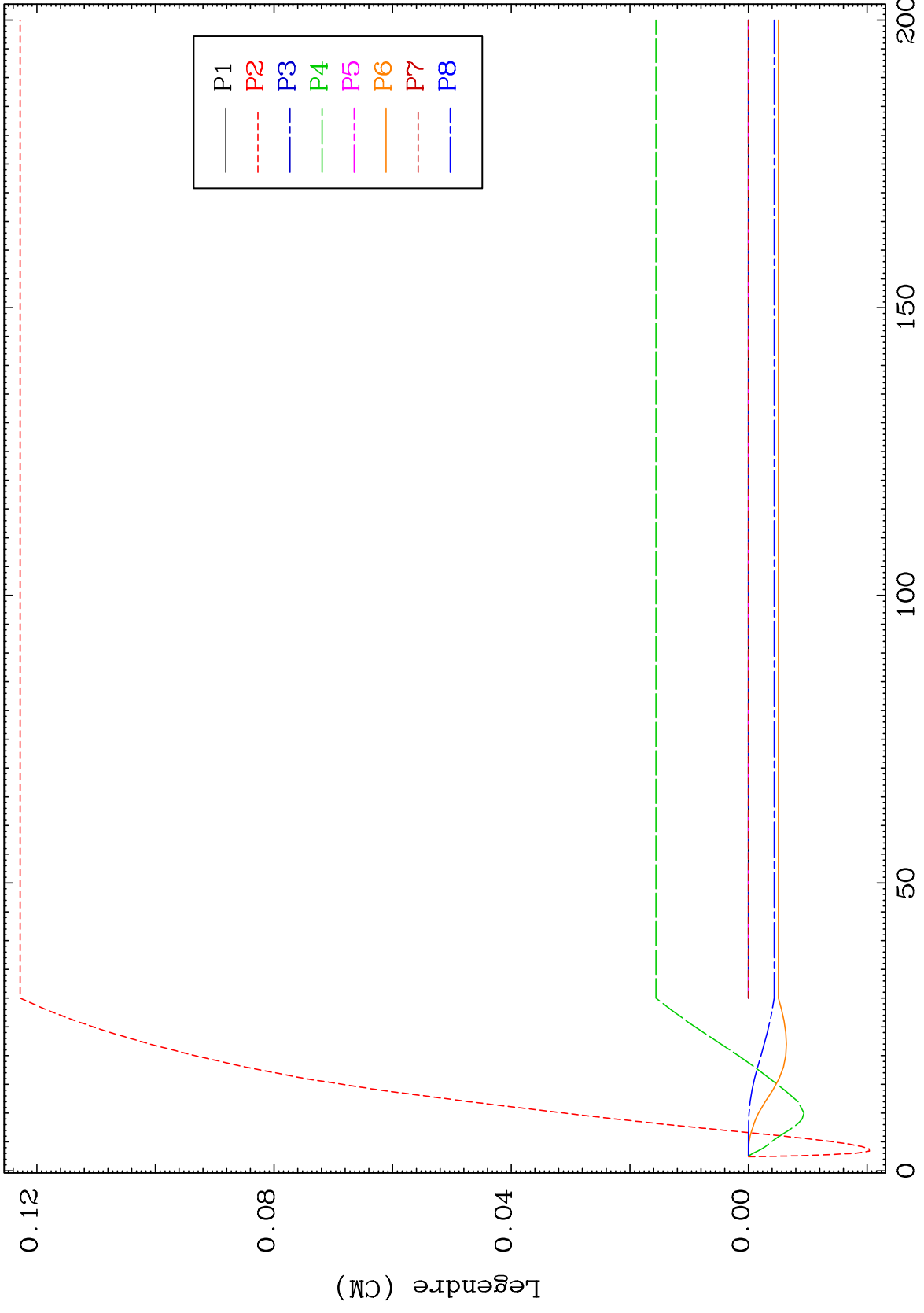


56

Incident Energy (MeV)

22-Ti-47

MAT 2228 MT= 64 (n,n') Level Legendre Coefficients 22-Ti-47

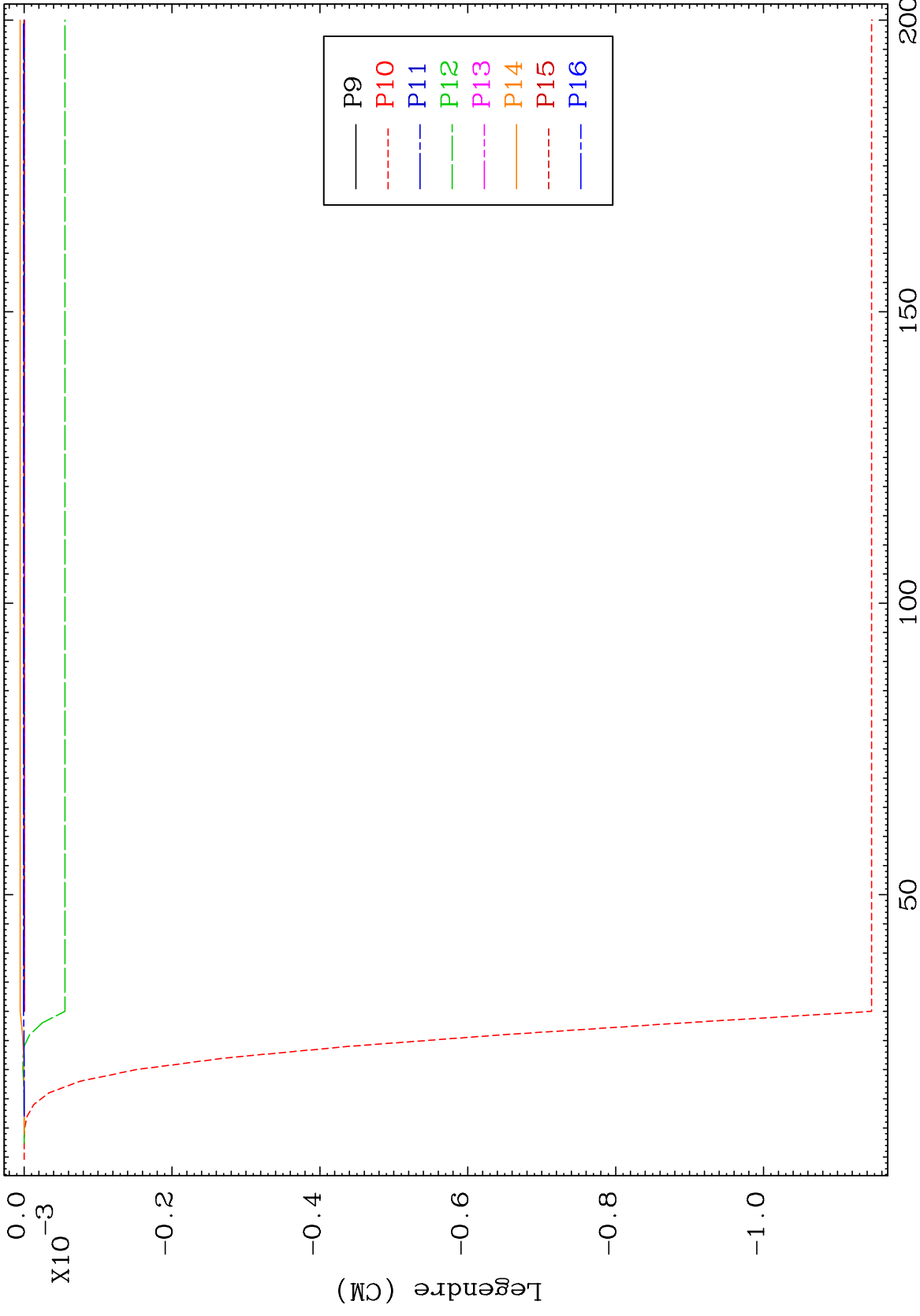


57 22-Ti-47

MAT 2228

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

22-Ti-47

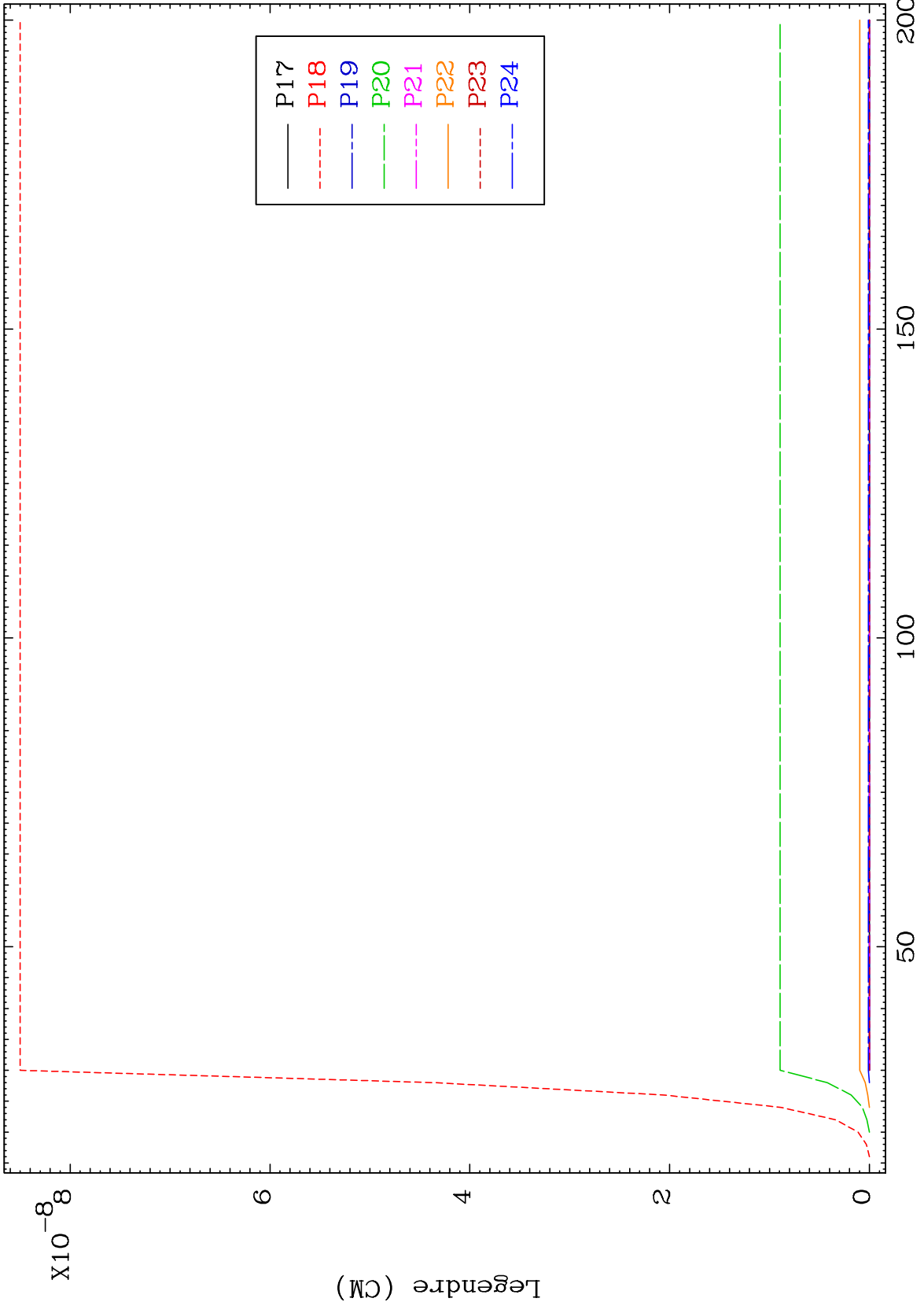


22-Ti-47

Incident Energy (MeV)

58

MAT 2228 MT= 64 (n,n') Level Legendre Coefficients 22-Ti-47

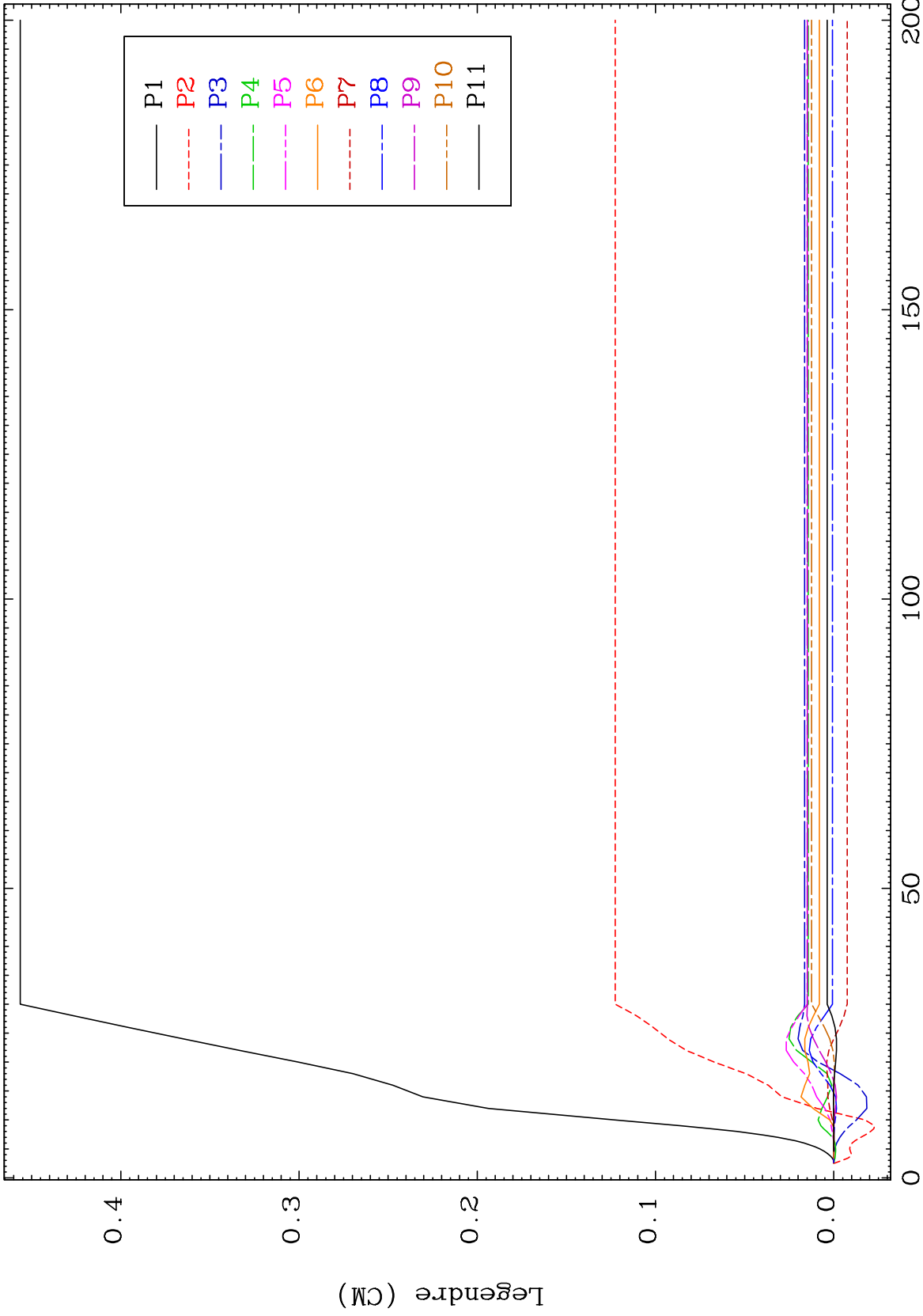


59 Incident Energy (MeV) 22-Ti-47

MAT 2228

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

22-Ti-47



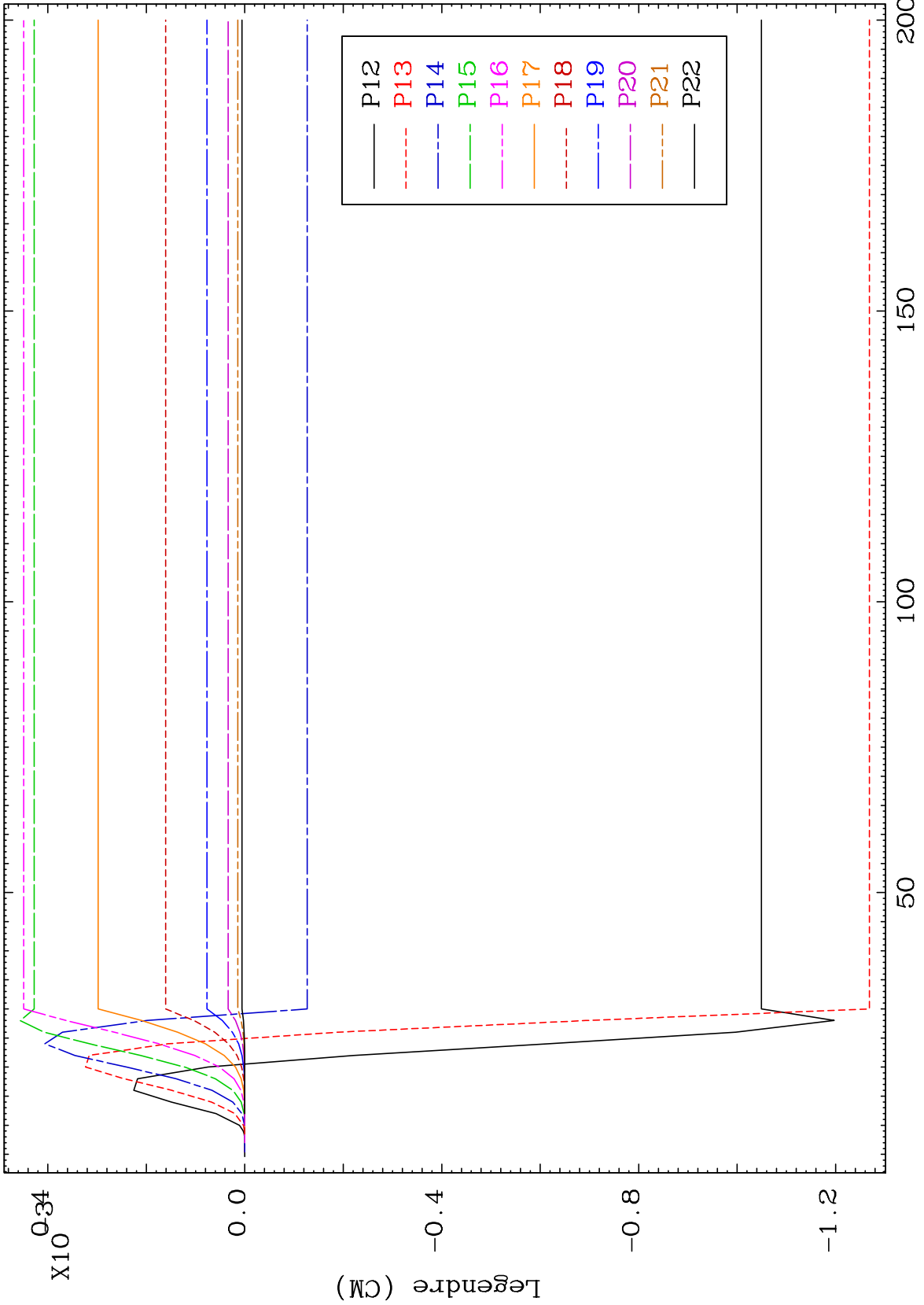
22-Ti-47

Incident Energy (MeV)

MAT 2228

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

22-Ti-47



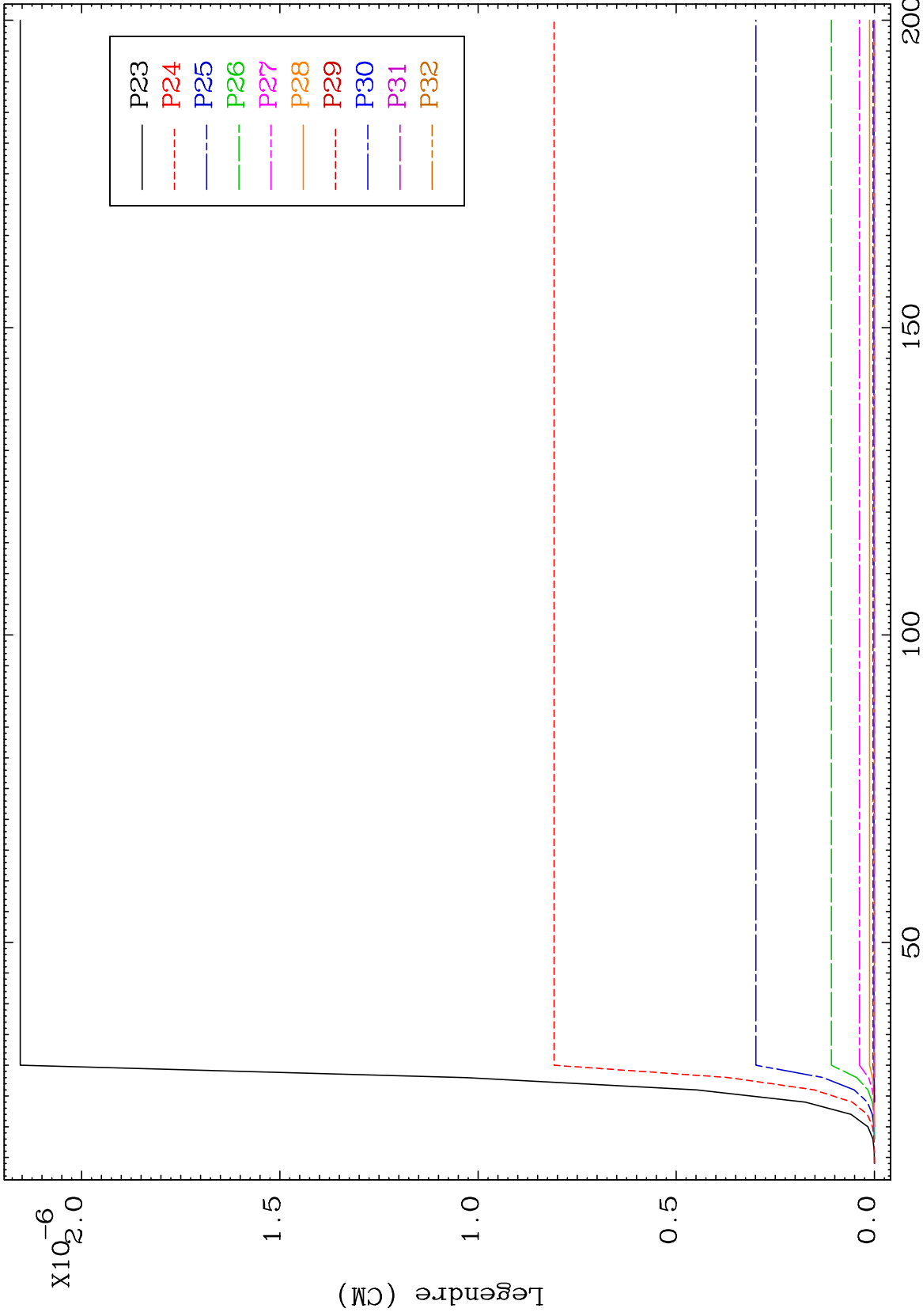
61

22-Ti-47

MAT 2228

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

22-Ti-47



62

Incident Energy (MeV)

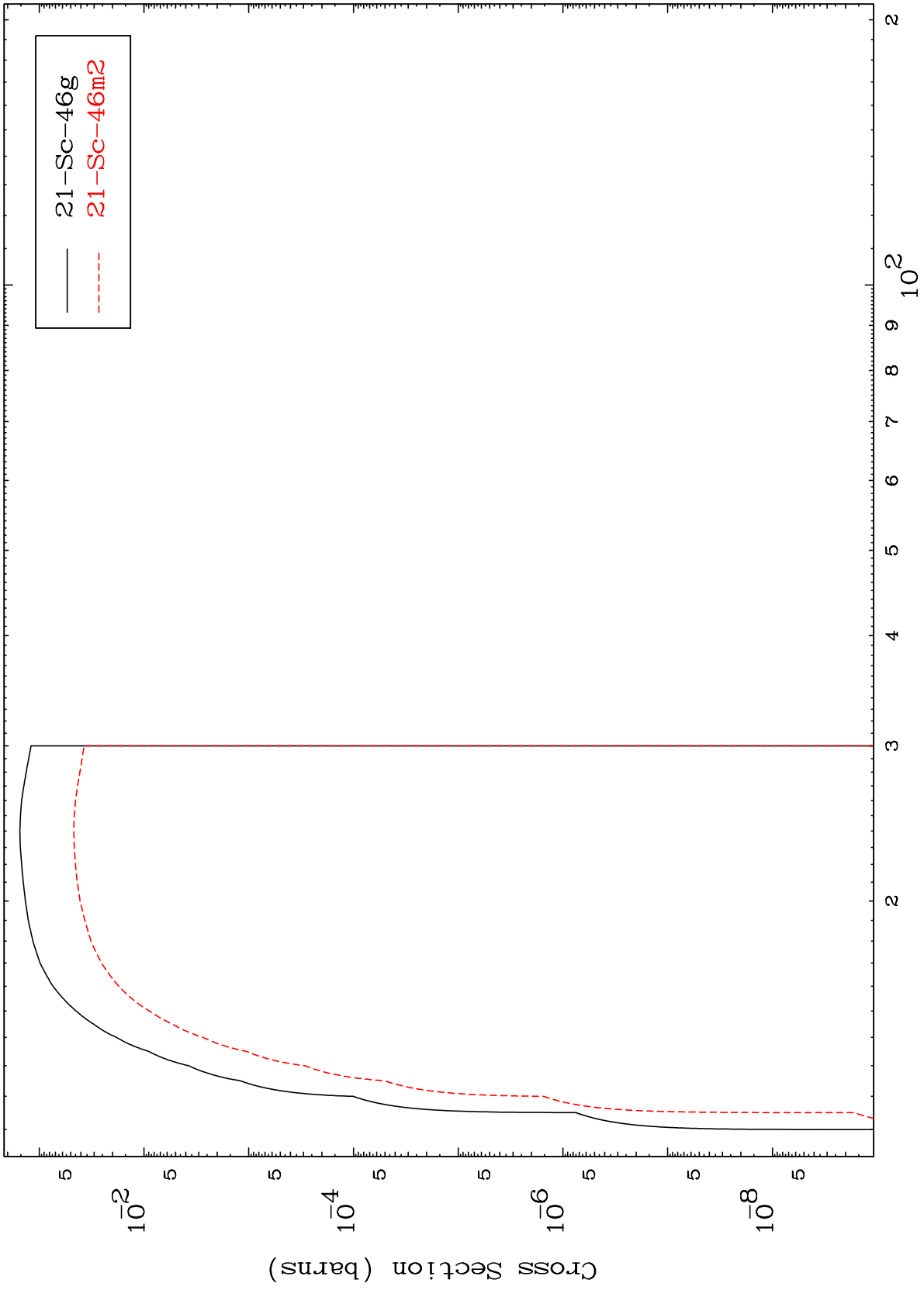
22-Ti-47

MAT 2228

(n,n') p

22-Ti-47

Radionuclide Production Cross Section



63

Incident Energy (MeV)

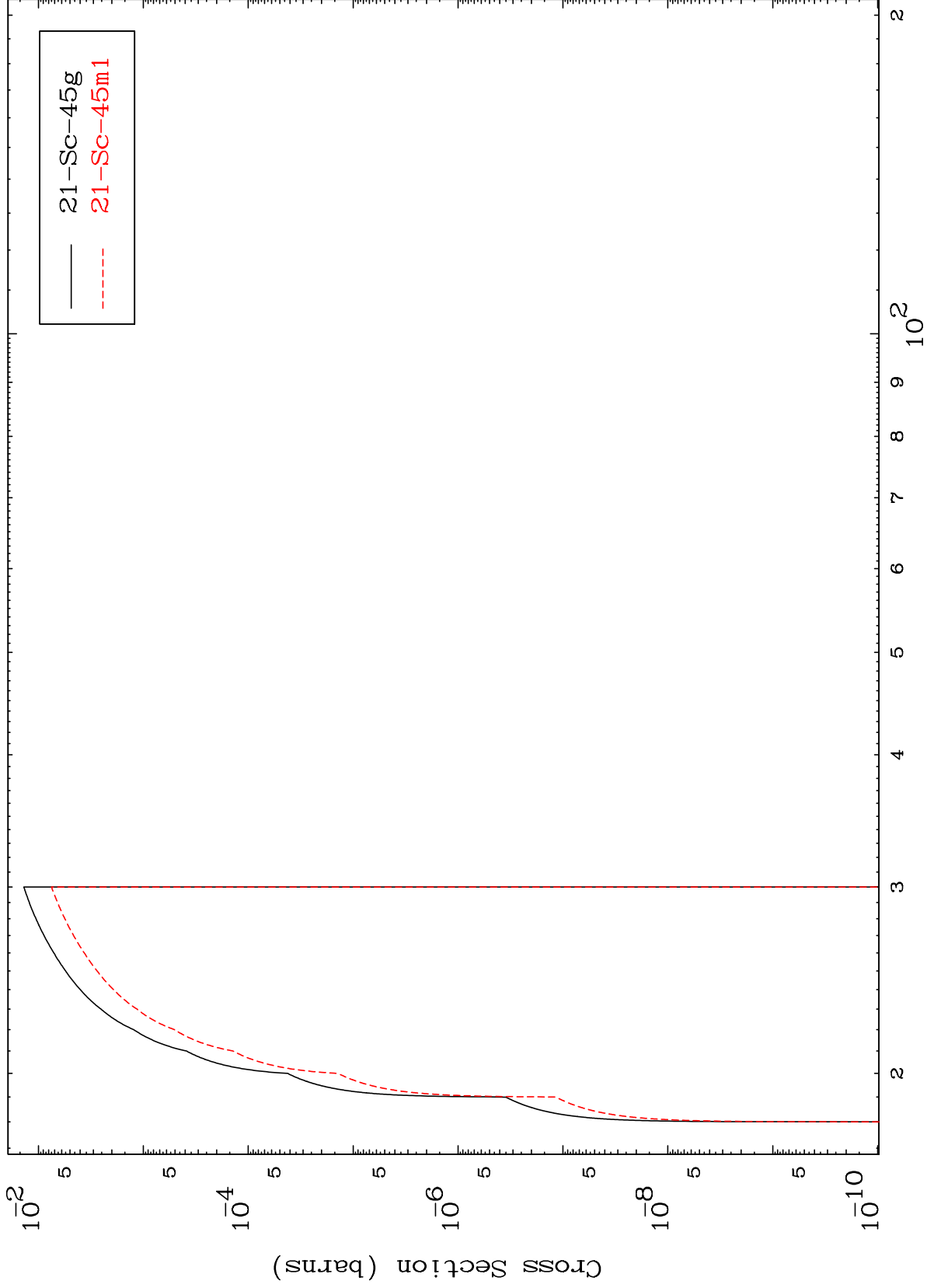
22-Ti-47

MAT 2228

(n,n') d

22-Ti-47

Radionuclide Production Cross Section



64

Incident Energy (MeV)

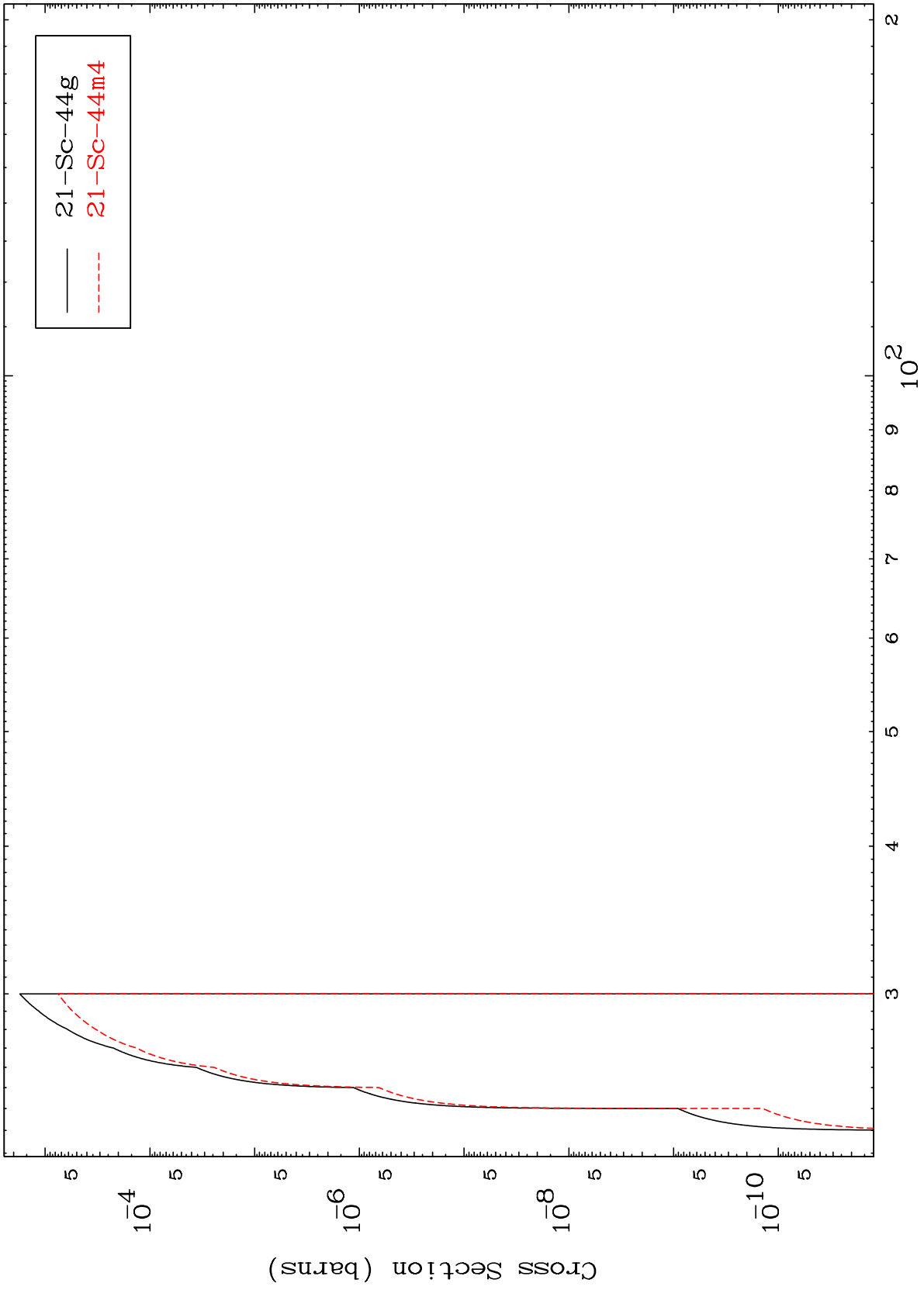
22-Ti-47

MAT 2228

(n,n') t

22-Ti-47

Radionuclide Production Cross Section



65

Incident Energy (MeV)

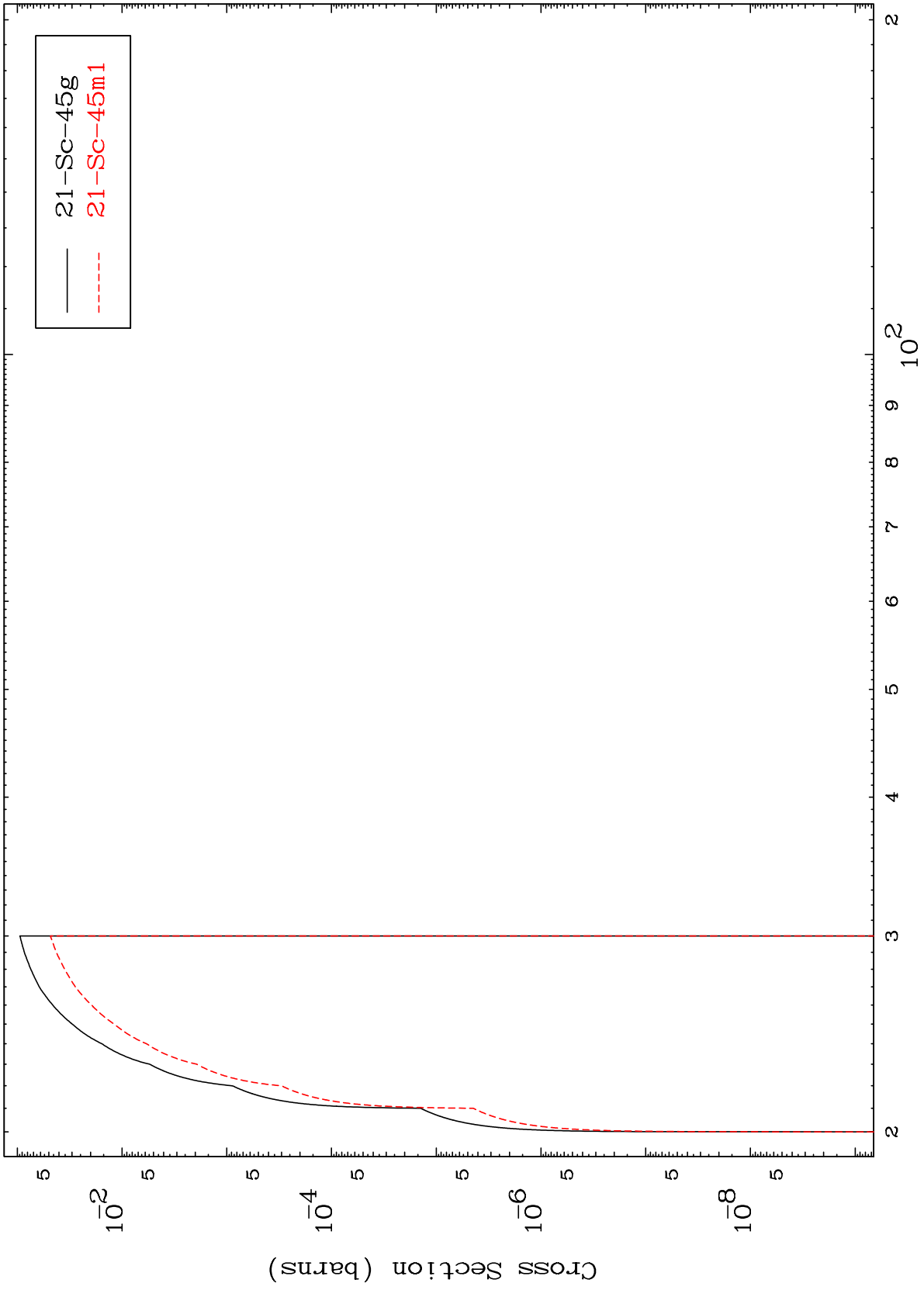
22-Ti-47

MAT 2228

(n,2n) p

²²Ti-47

Radionuclide Production Cross Section



66

Incident Energy (MeV)

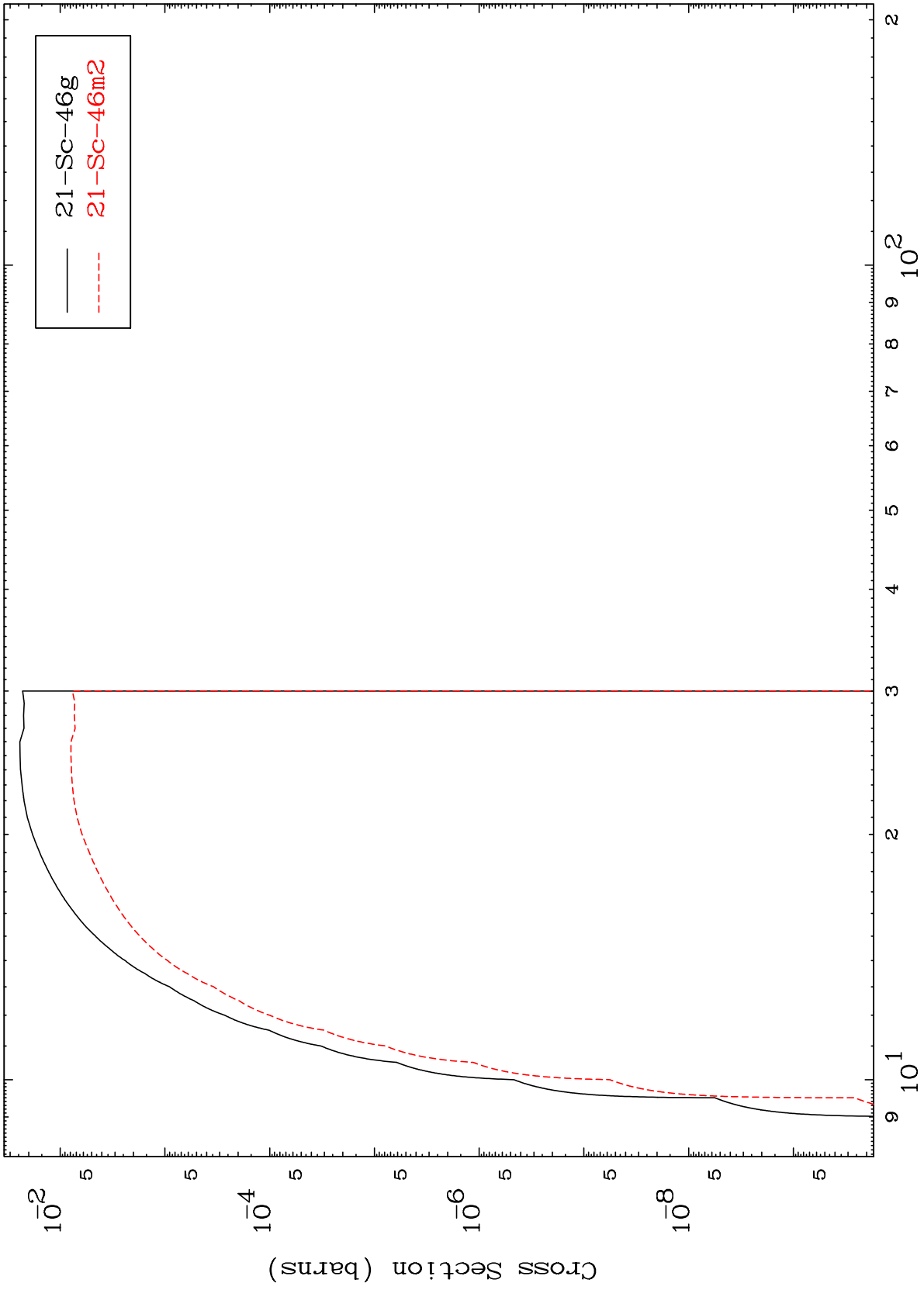
²²Ti-47

MAT 2228

(n,d)

²²Ti-47

Radionuclide Production Cross Section



67

Incident Energy (MeV)

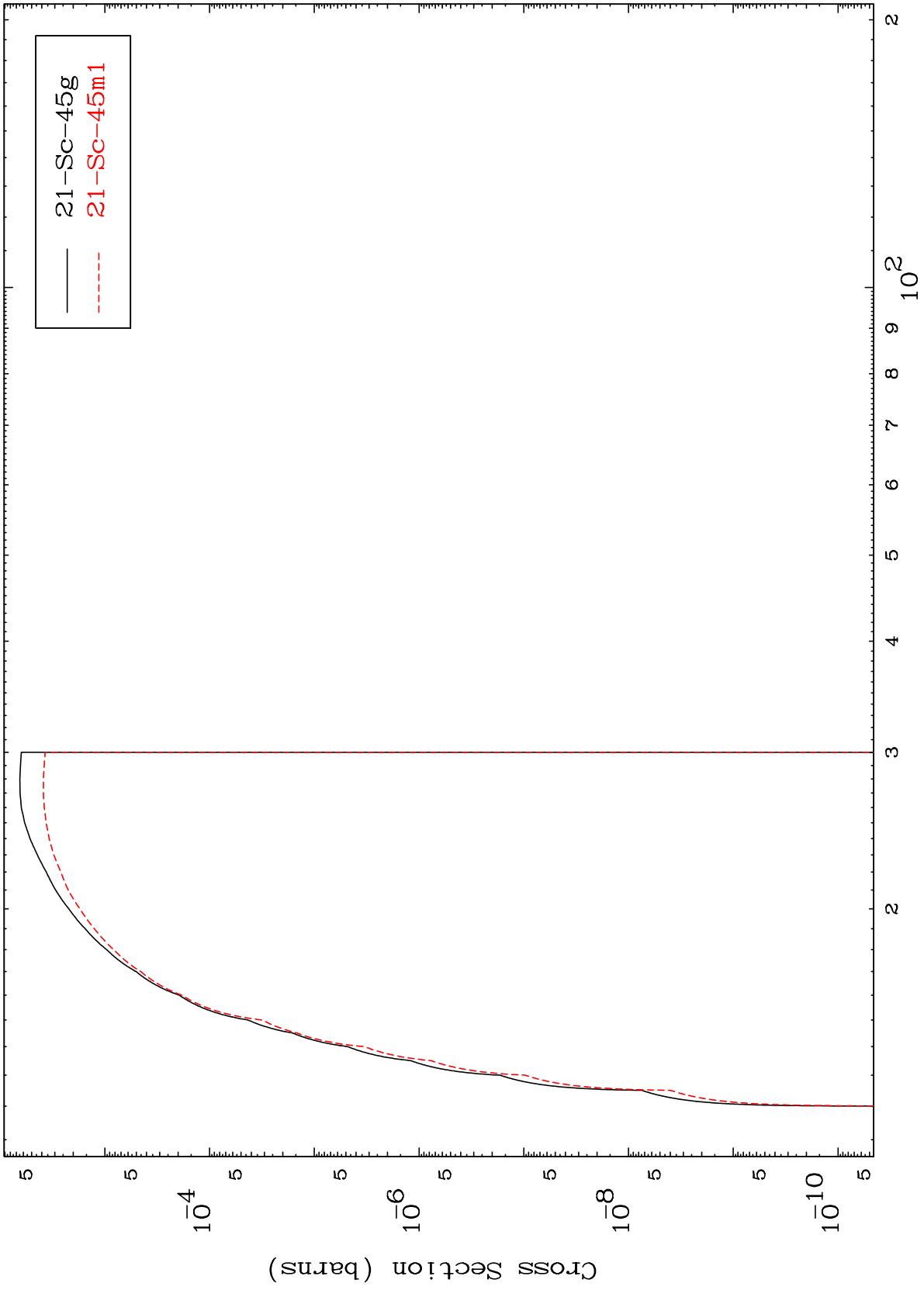
²²Ti-47

MAT 2228

(n, t)

22-Ti-47

Radionuclide Production Cross Section



68

Incident Energy (MeV)

22-Ti-47