

Program EVALPLOT
(Version 2021-1)

by

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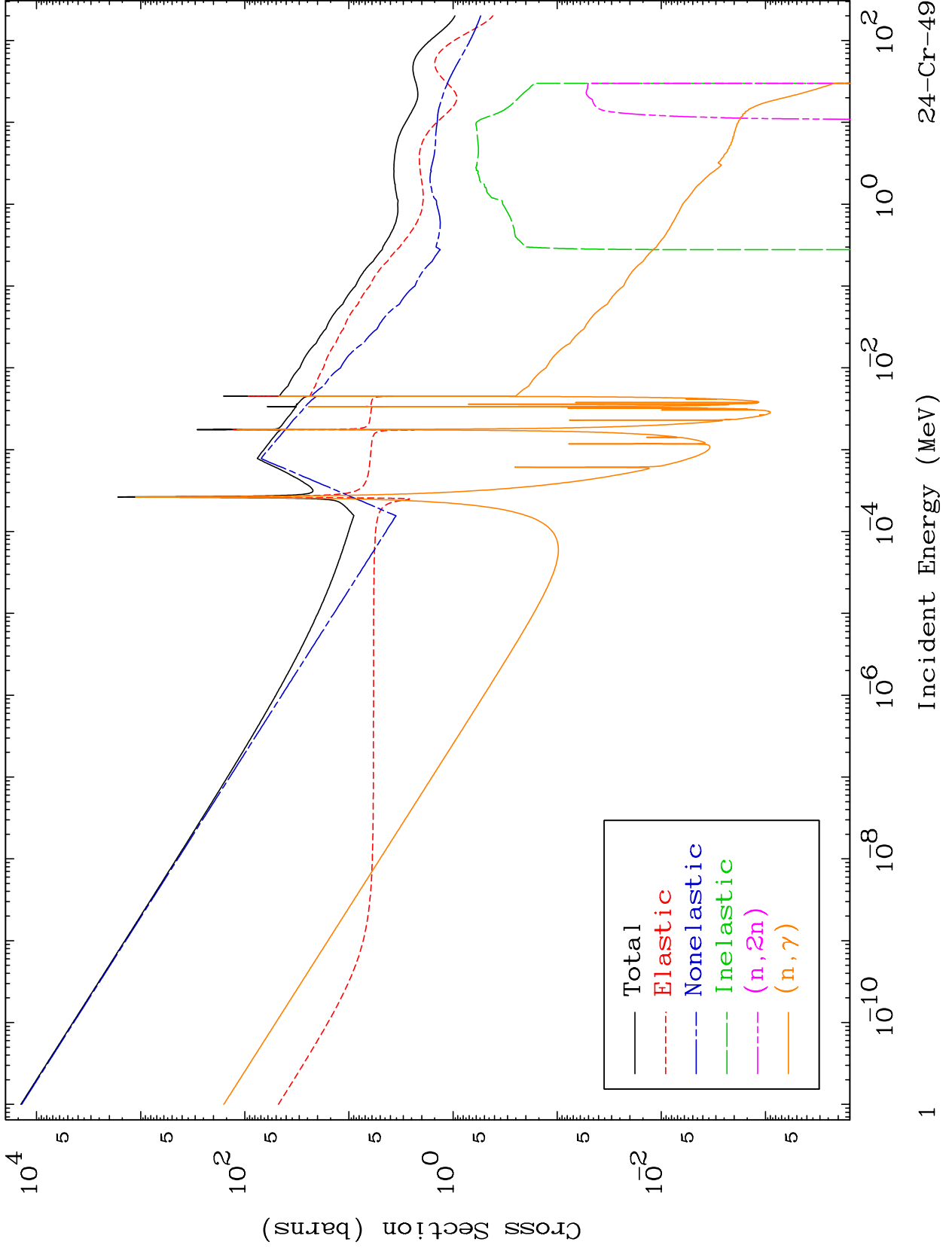
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Press Mouse Button to Start

MAT 2422

Neutron Major
293 Kelvin Cross Sections

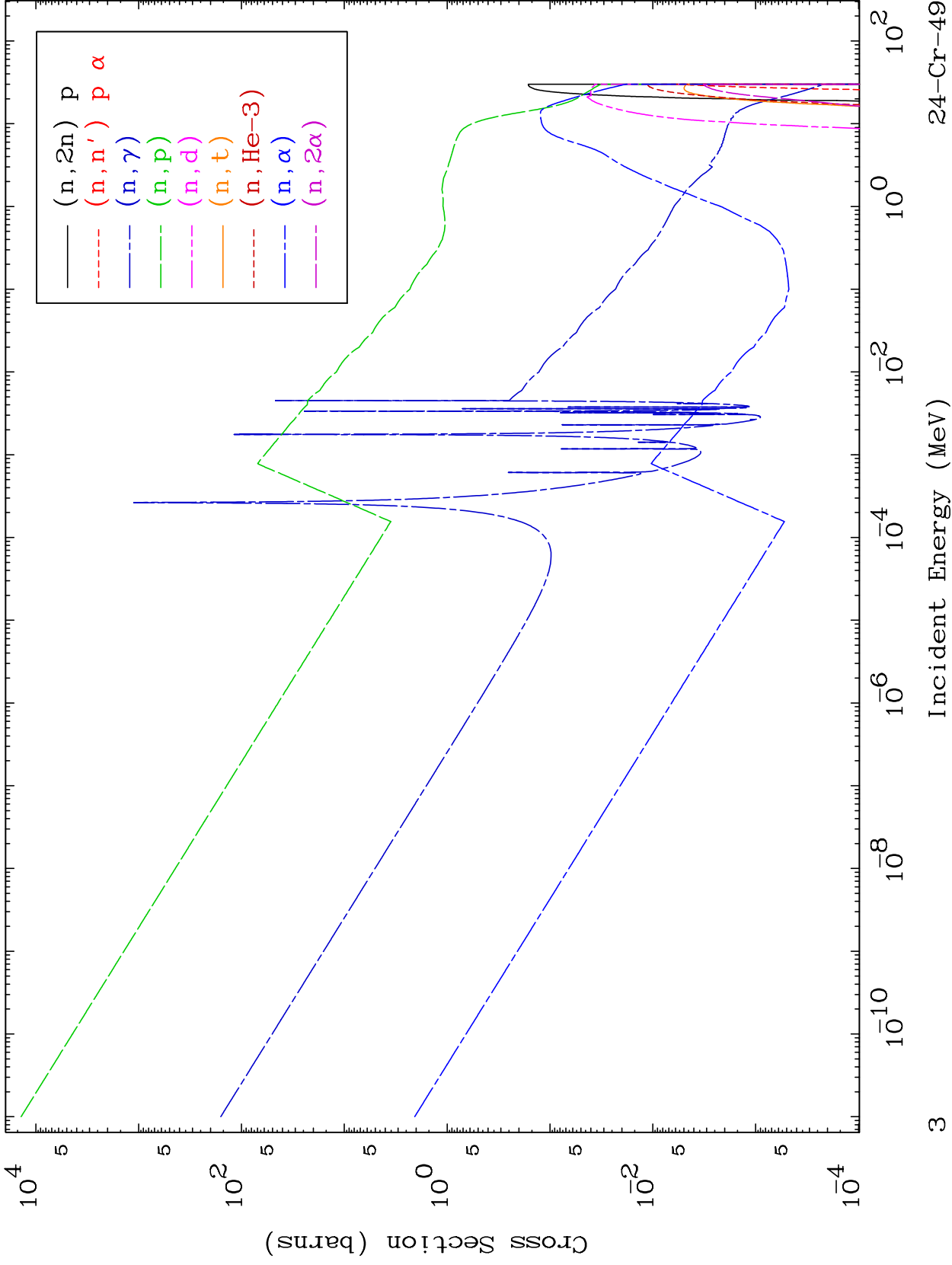
24-Cr-49

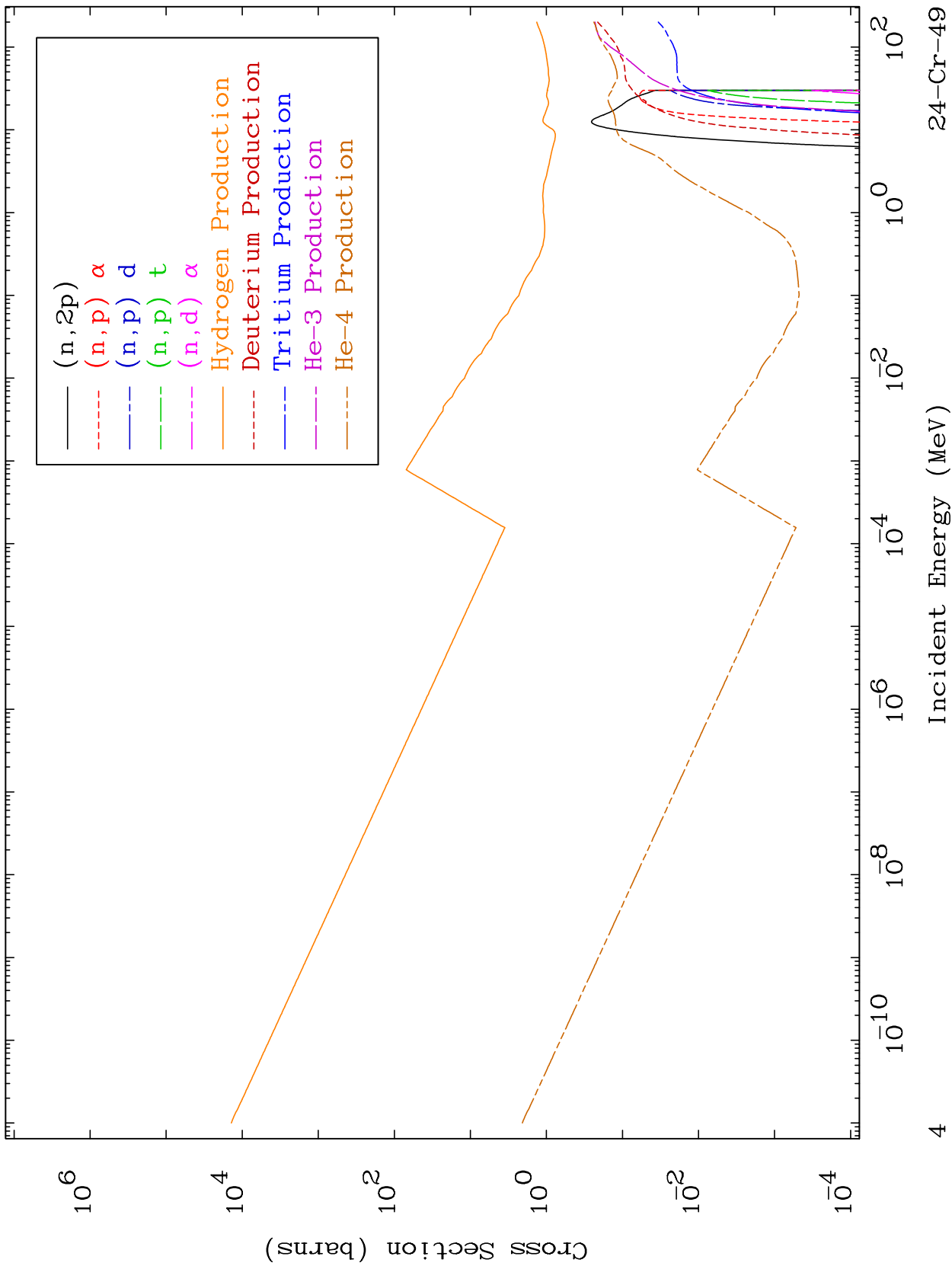


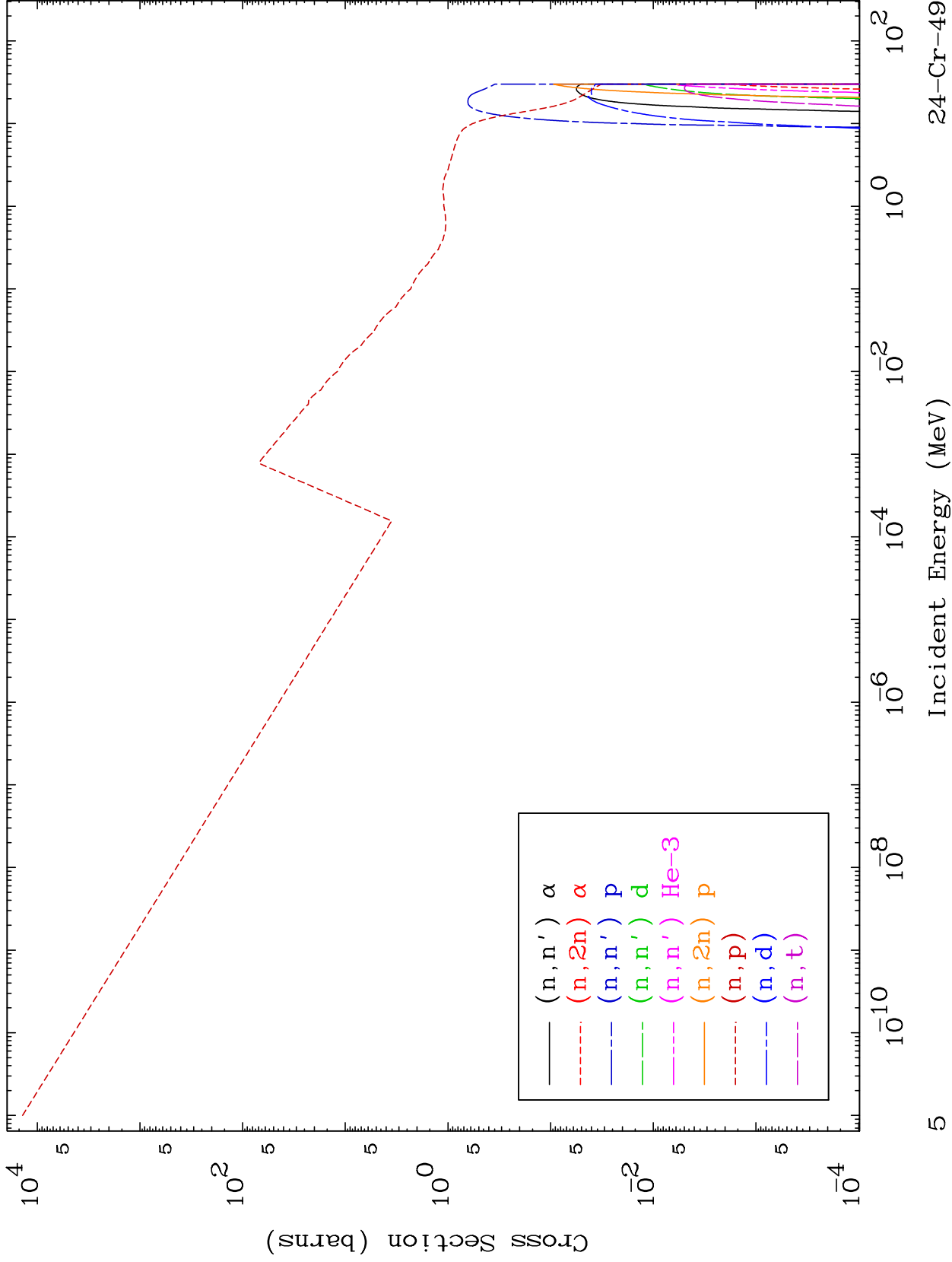
MAT 2422

Neutron Absorption
293 Kelvin Cross Sections

24-Cr-49



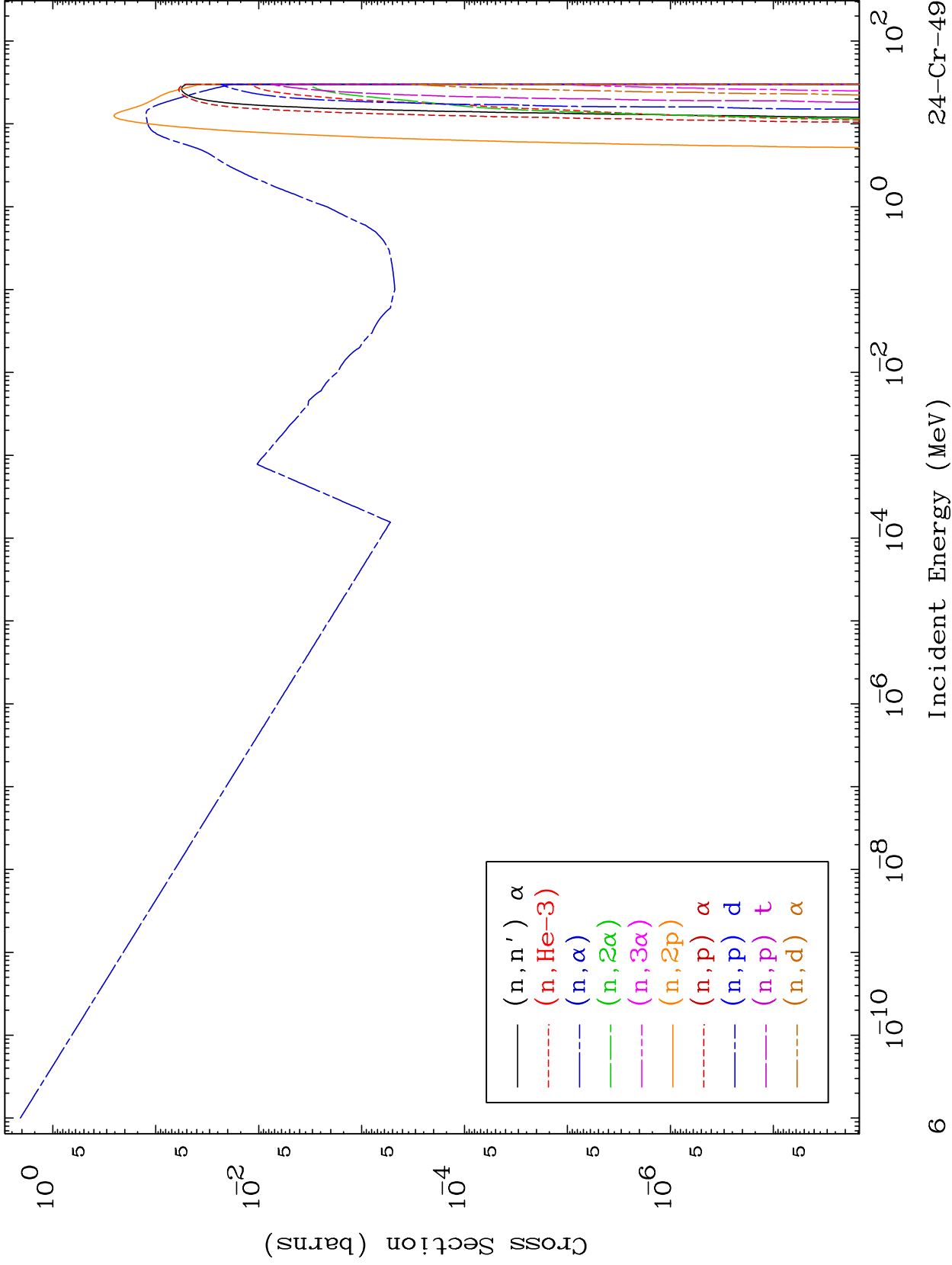


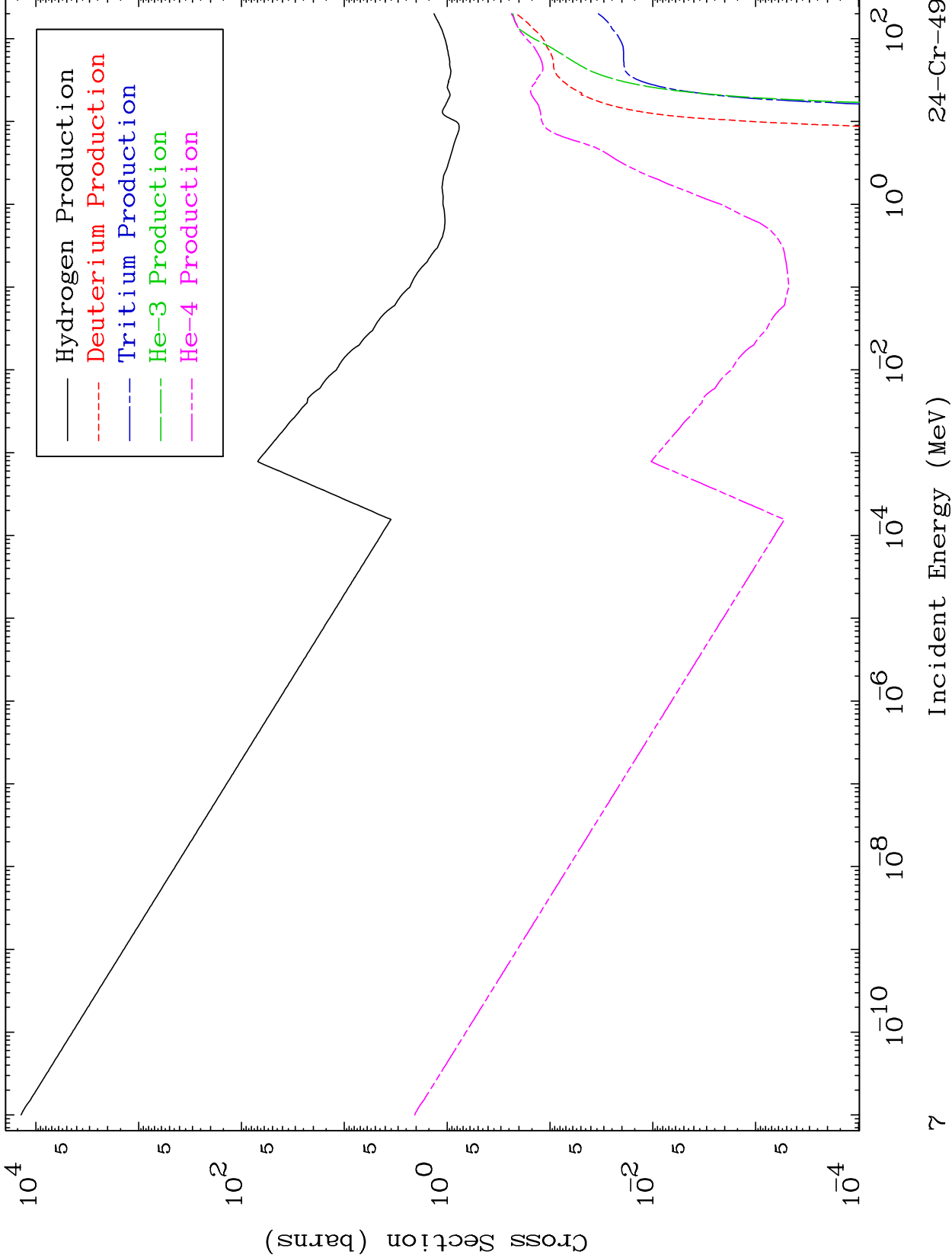


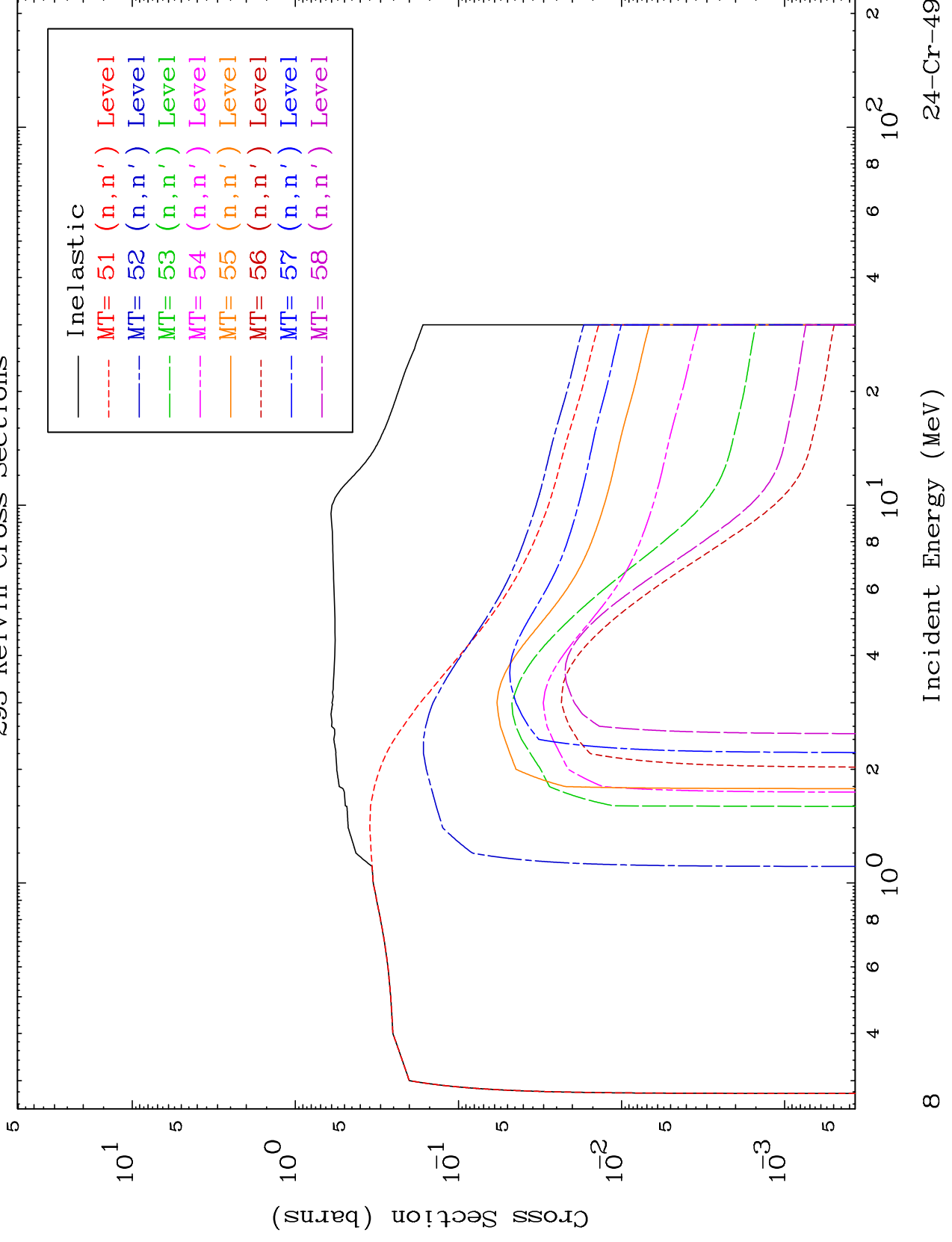
MAT 2422

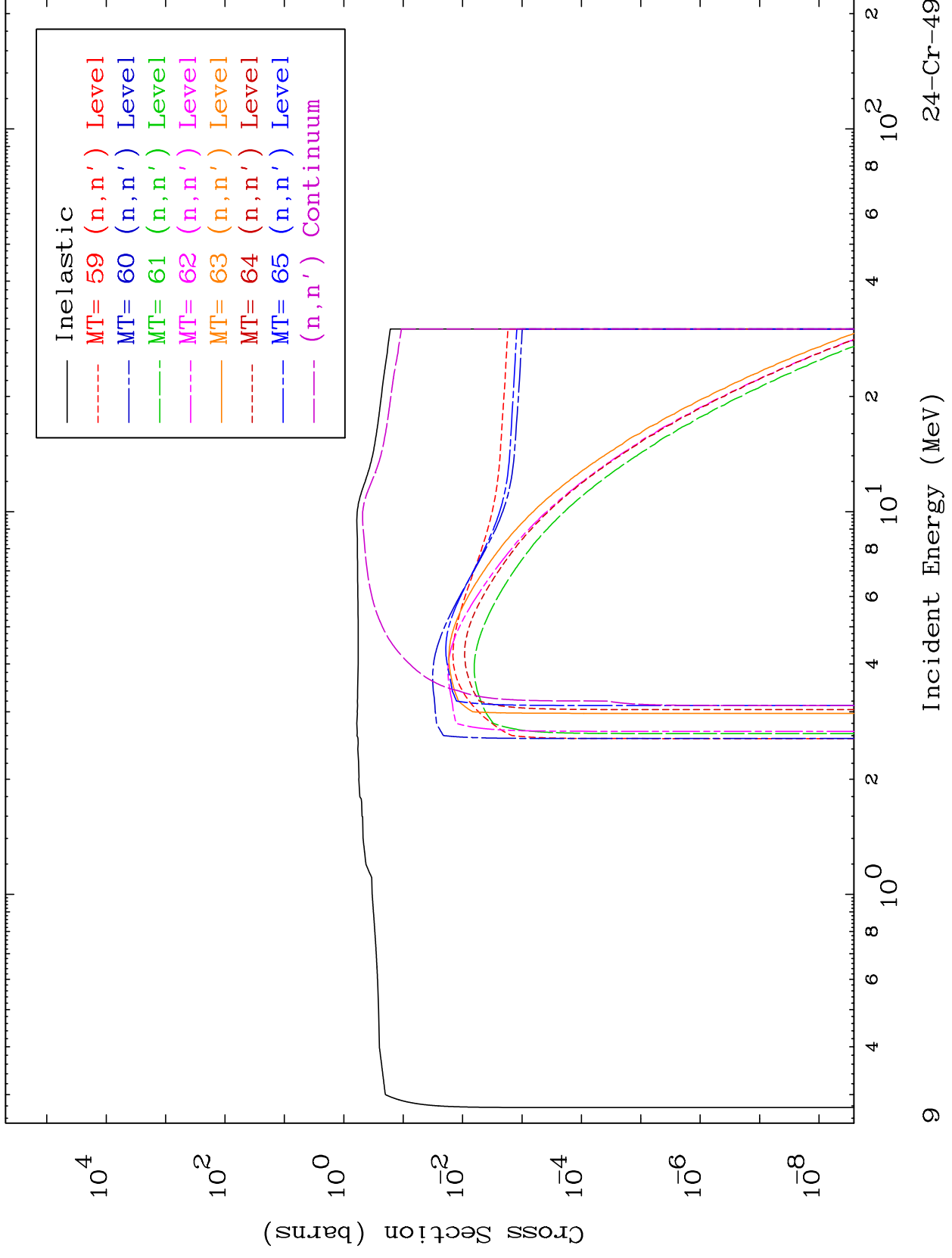
Charged Particle
293 Kelvin Cross Sections

24-Cr-49





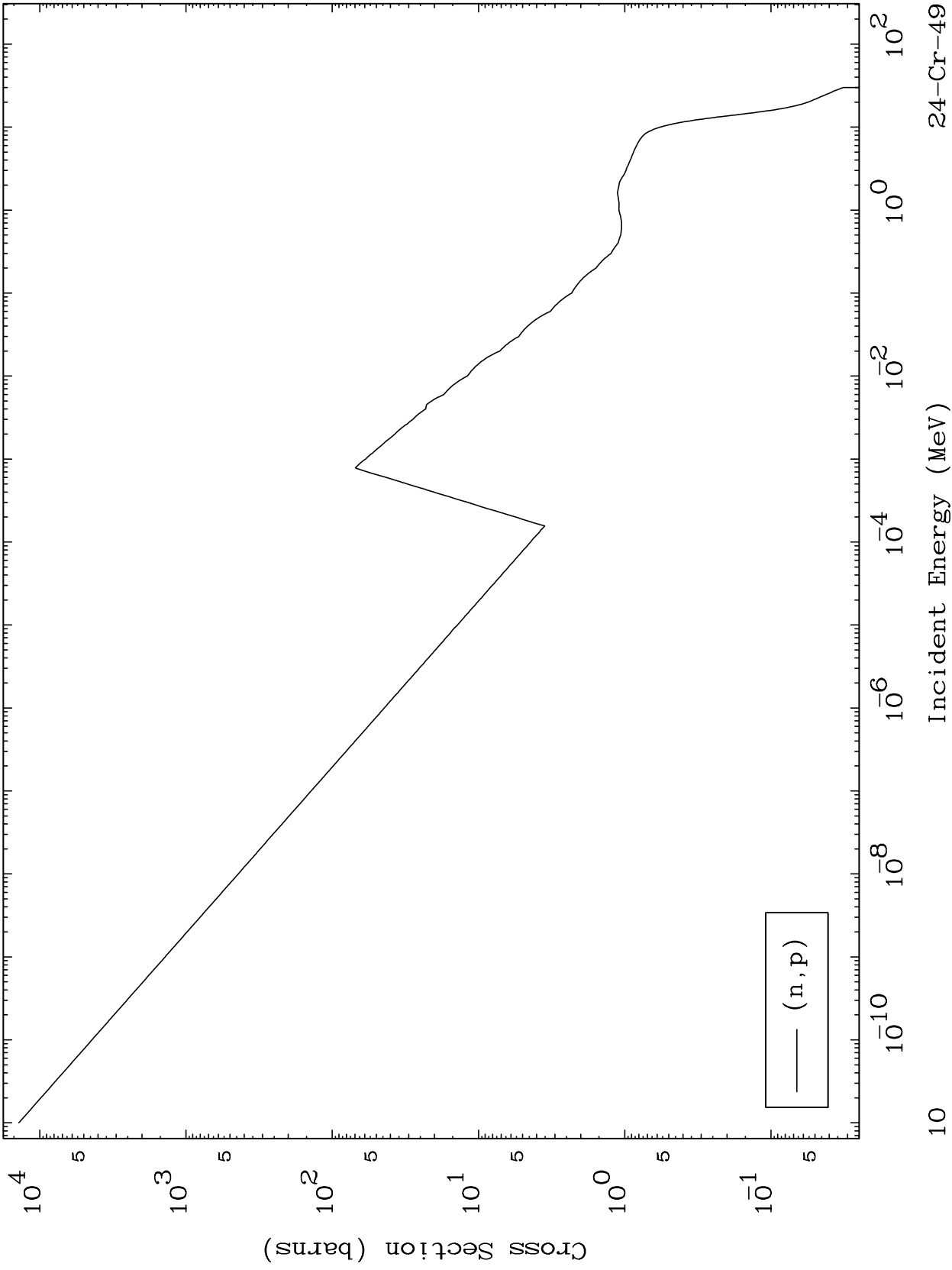




MAT 2422

(n,p) Levels
293 Kelvin Cross Sections

24-Cr-49



10

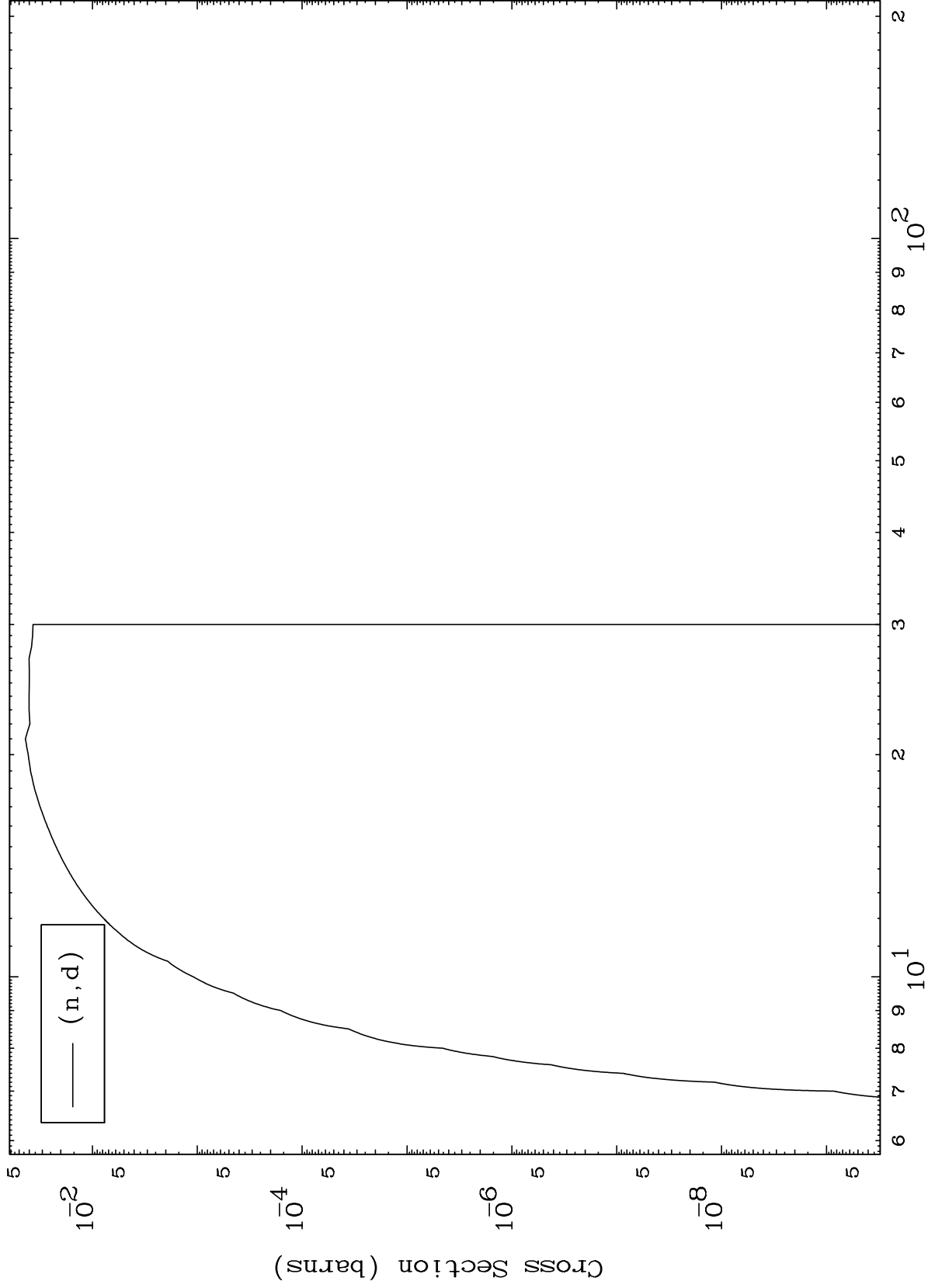
Incident Energy (MeV)

24-Cr-49

MAT 2422

(n,d) Levels
293 Kelvin Cross Sections

24-Cr-49



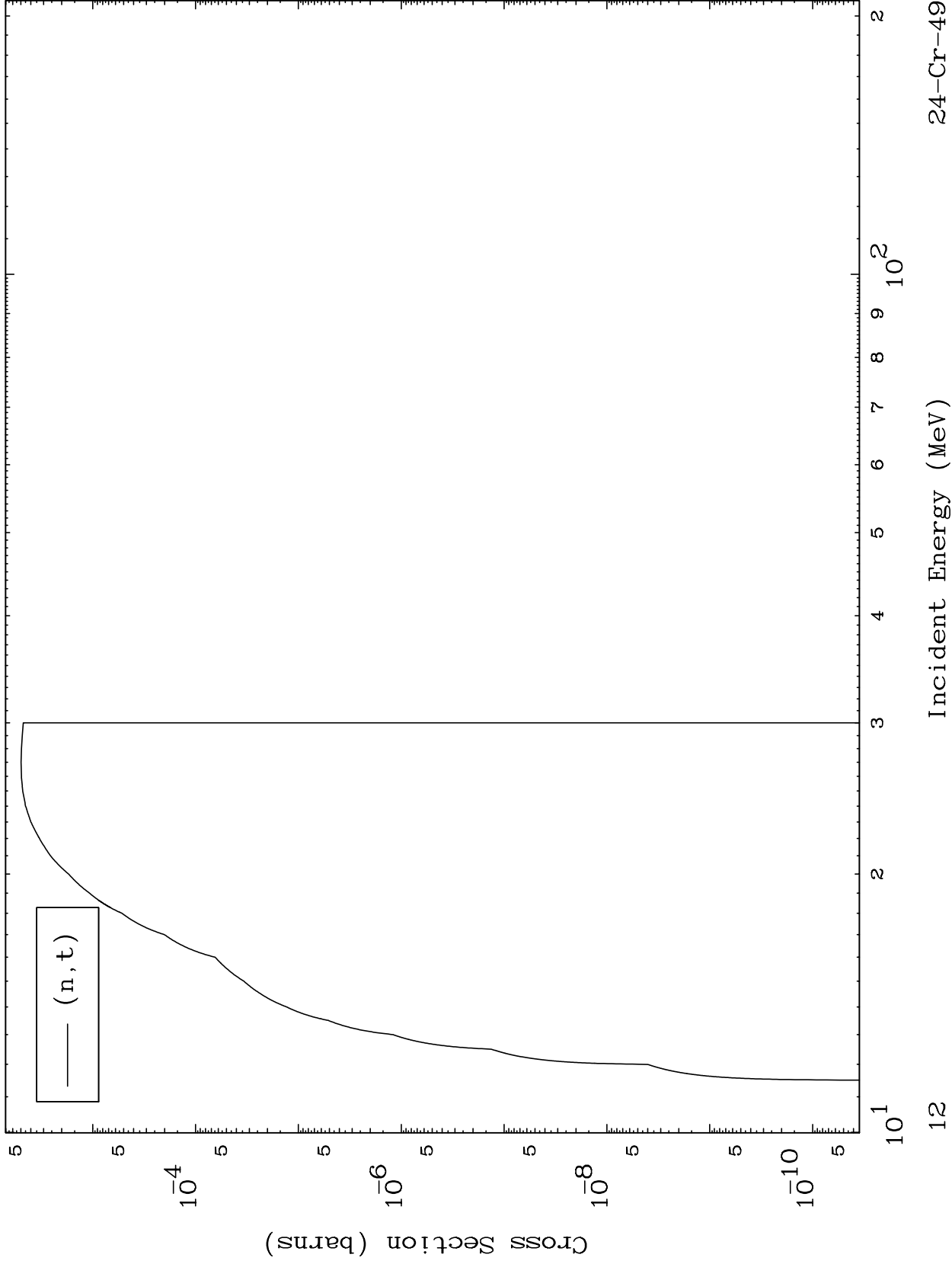
11

24-Cr-49

MAT 2422

(n,t) Levels
293 Kelvin Cross Sections

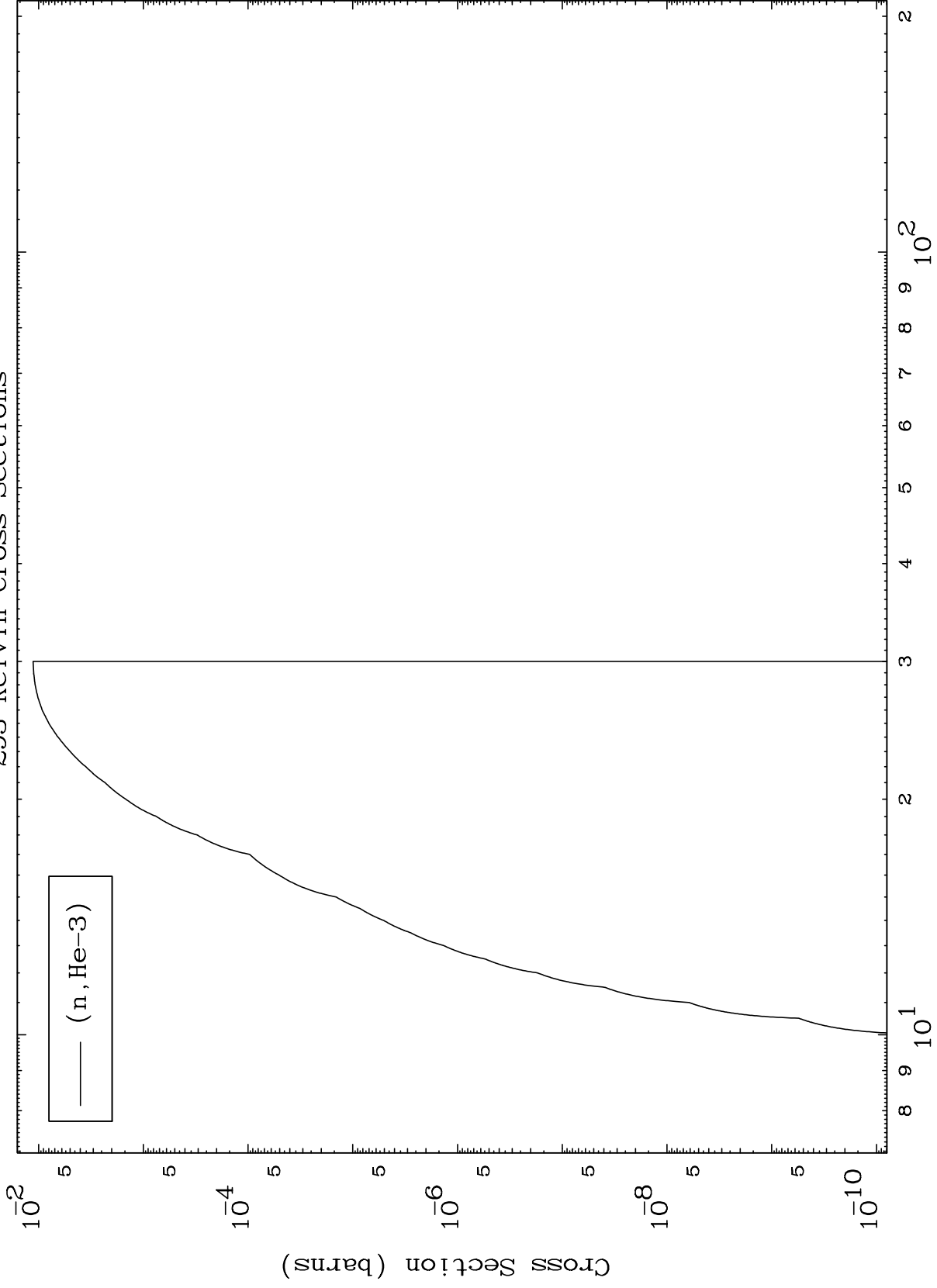
24-Cr-49



MAT 2422

(n,He3) Levels
293 Kelvin Cross Sections

24-Cr-49



13

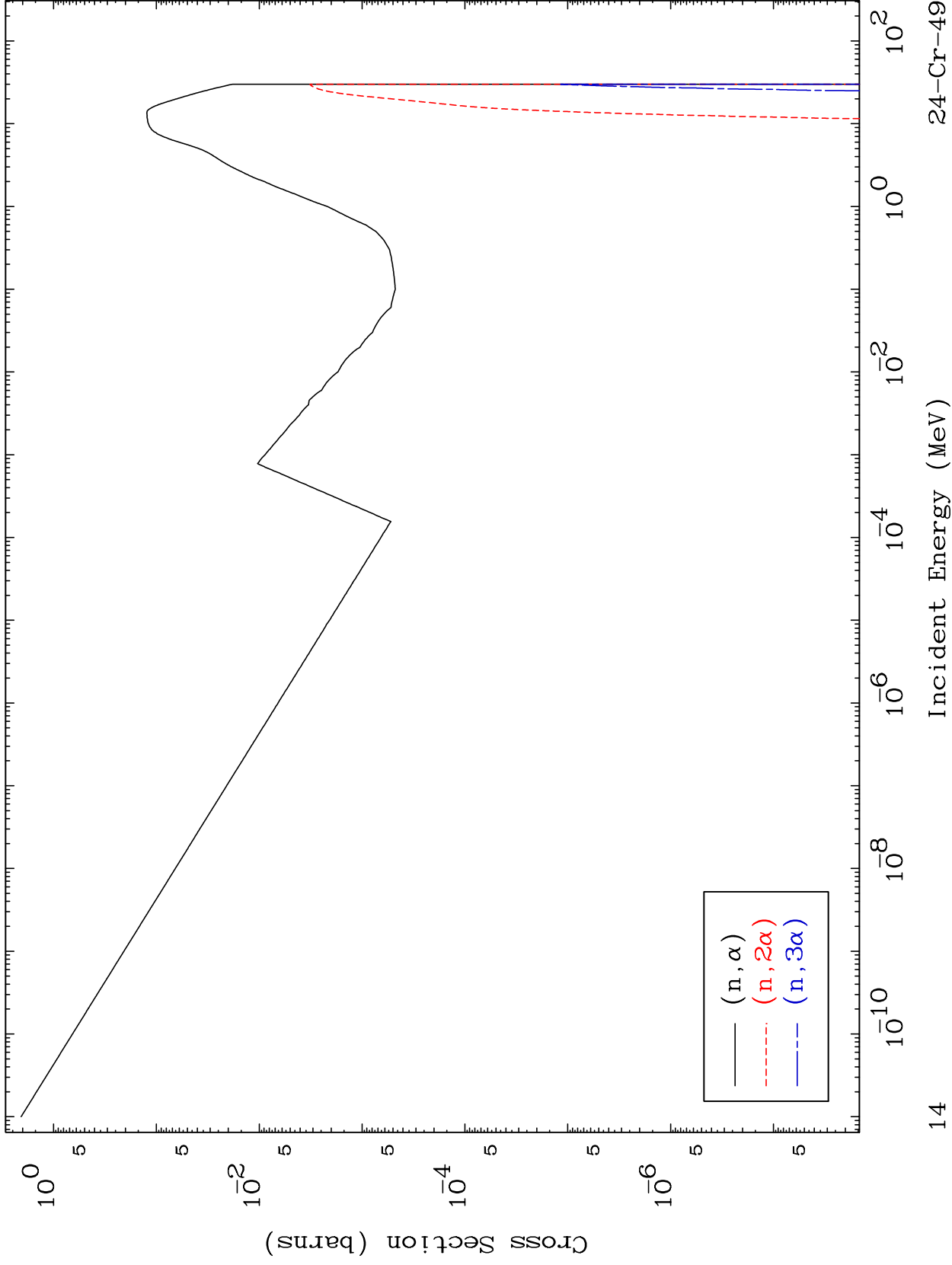
Incident Energy (MeV)

24-Cr-49

MAT 2422

(n,α) Levels
293 Kelvin Cross Sections

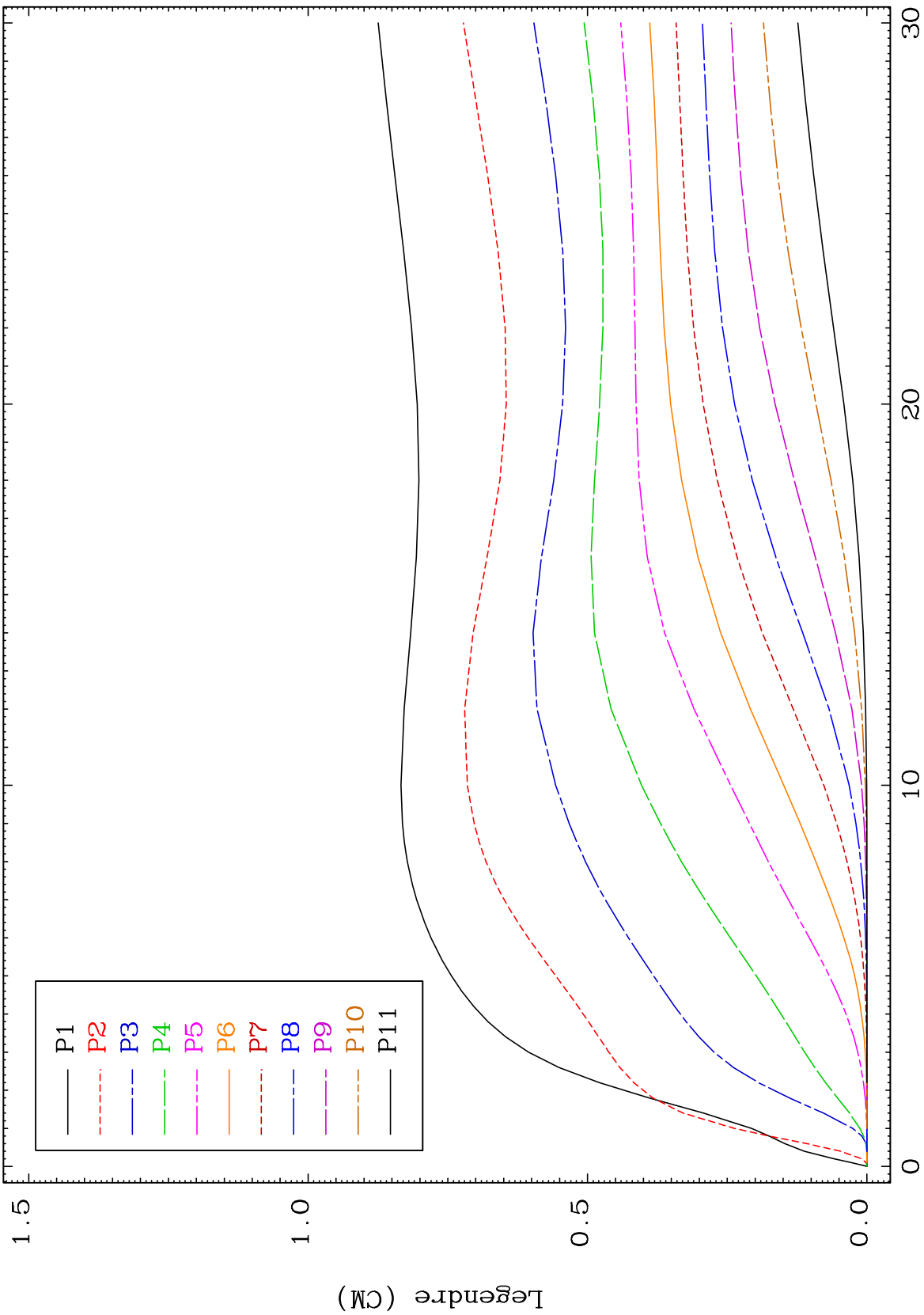
24-Cr-49



MAT 2422

Elastic Legendre Coefficients

24-Cr-49

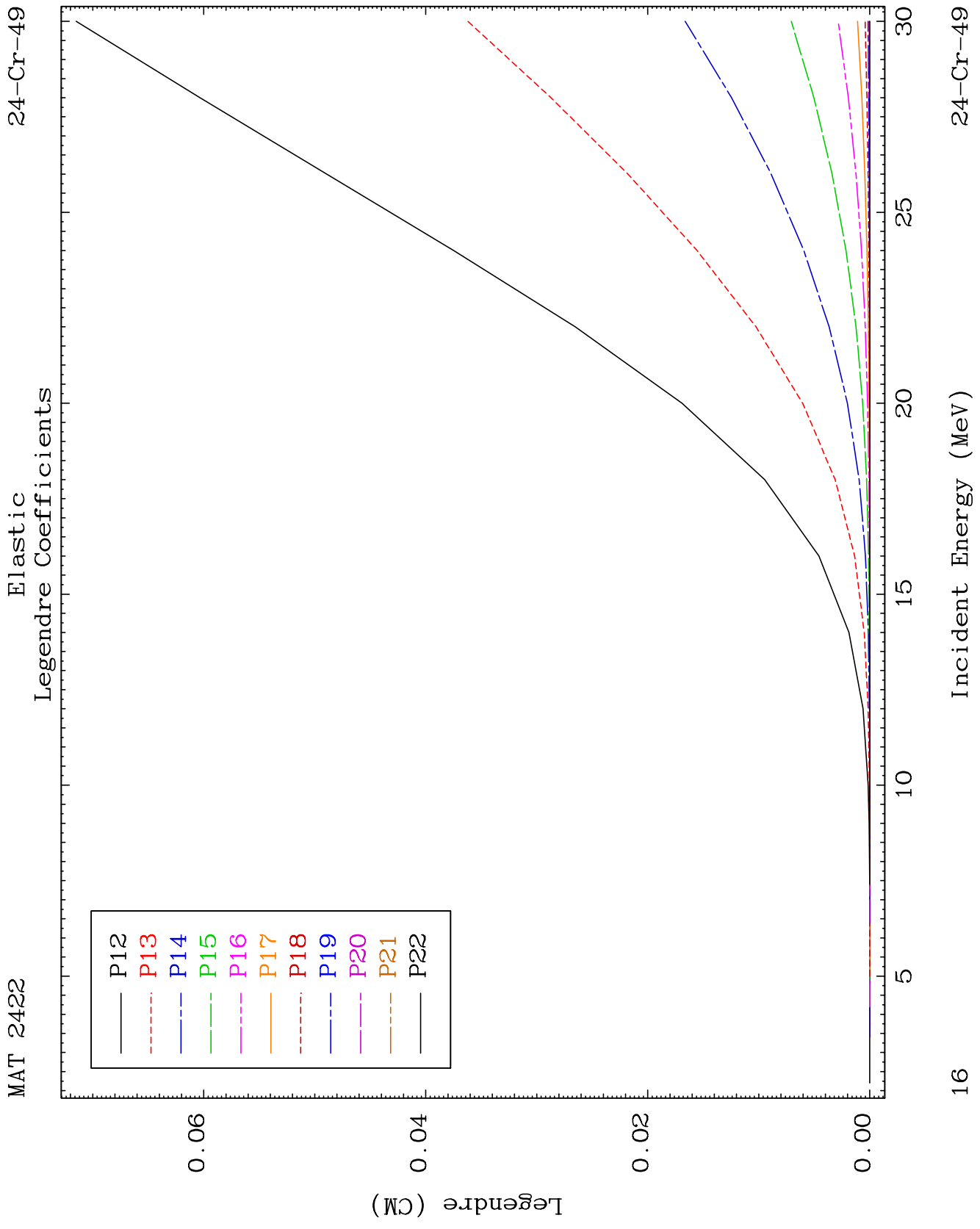


24-Cr-49

Incident Energy (MeV)

15

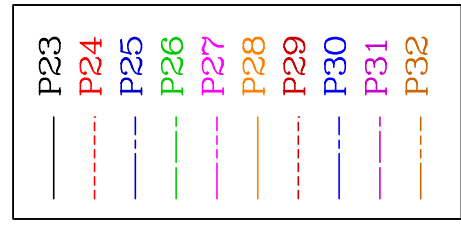
- P1
- P2
- P3
- P4
- P5
- P6
- P7
- P8
- P9
- P10
- P11



MAT 2422

Elastic Legendre Coefficients

24-Cr-49



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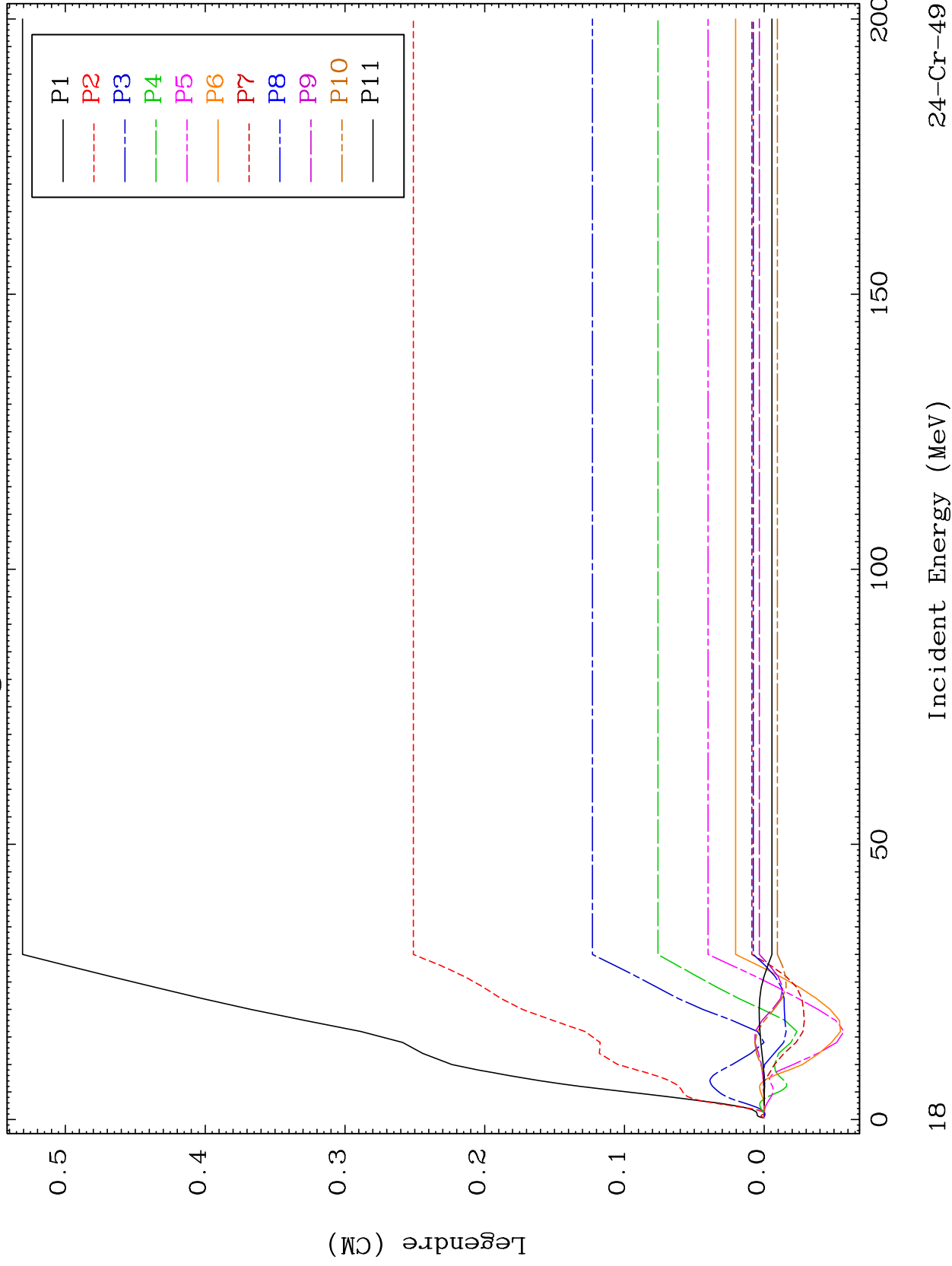
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

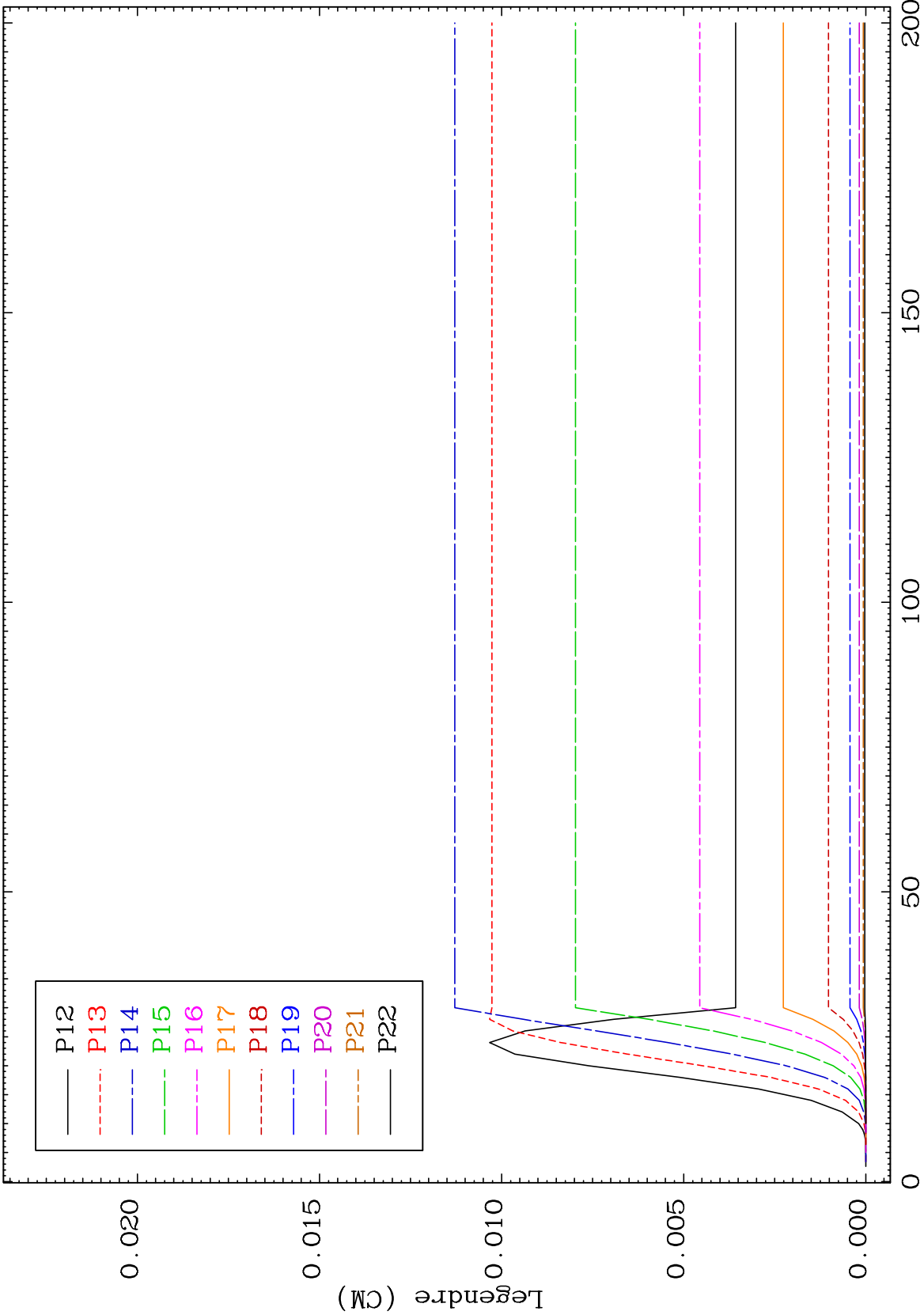
24-Cr-49



MAT 2422

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

24-Cr-49



19

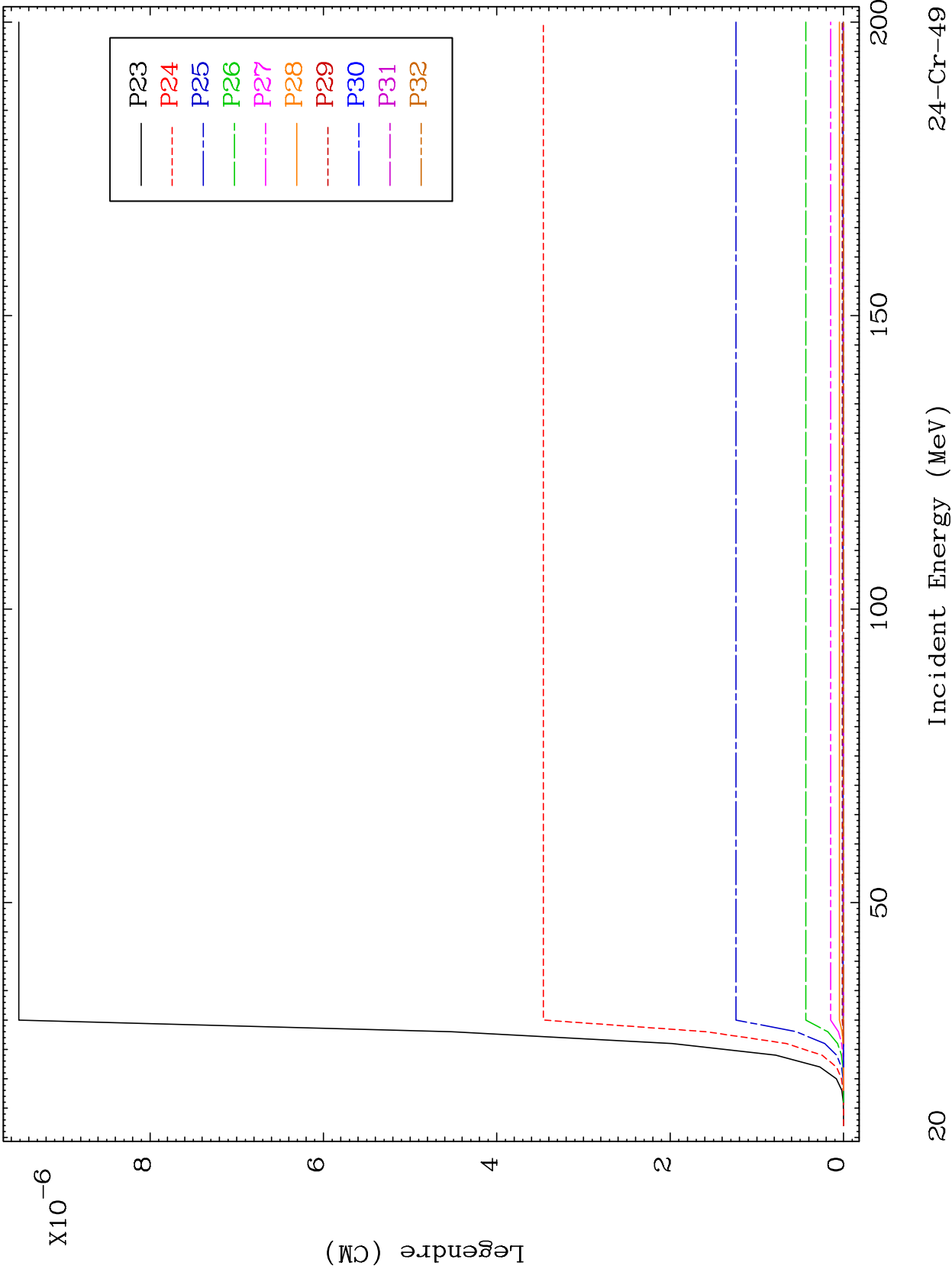
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

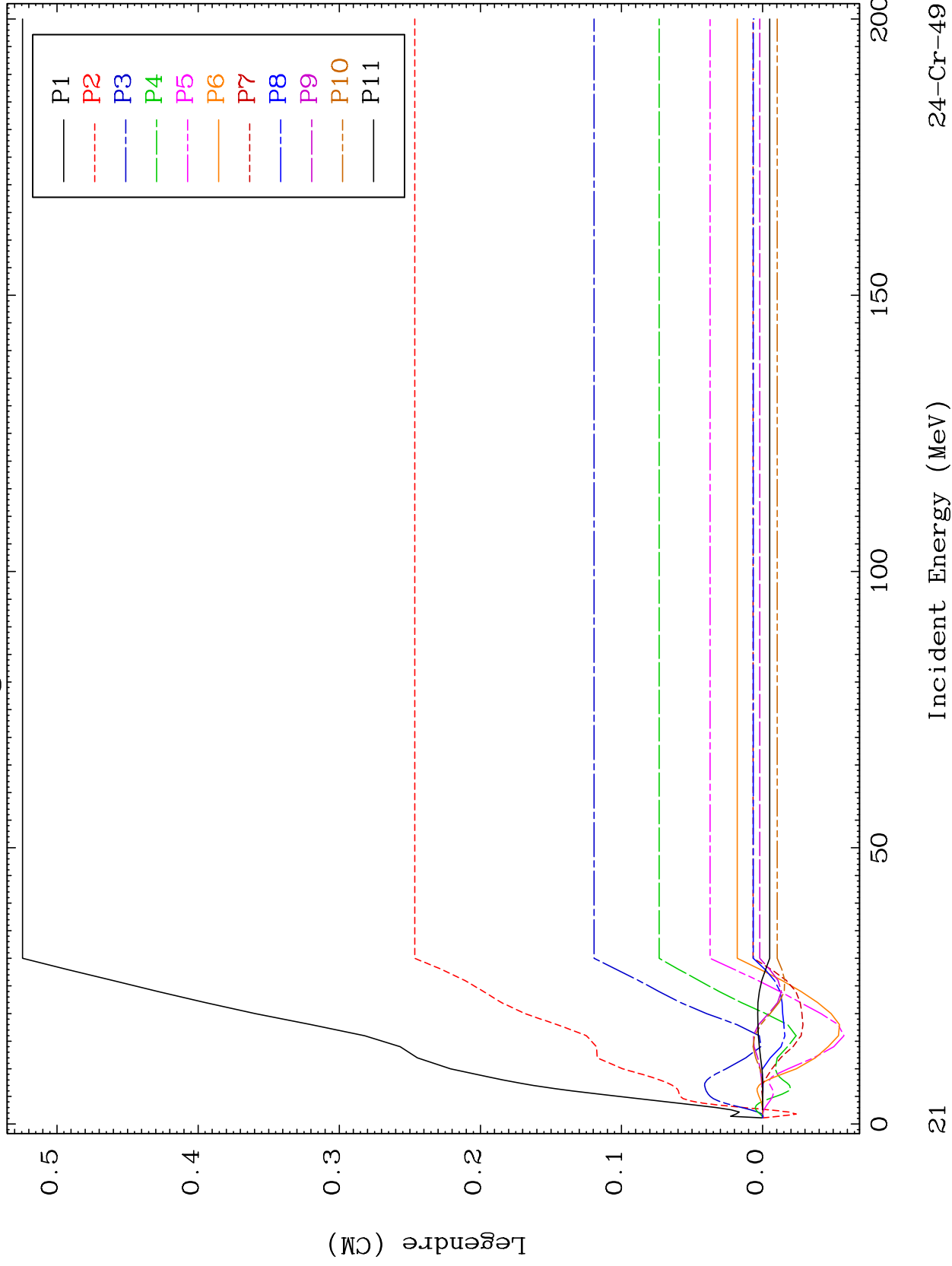
24-Cr-49



MAT 2422

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

24-Cr-49

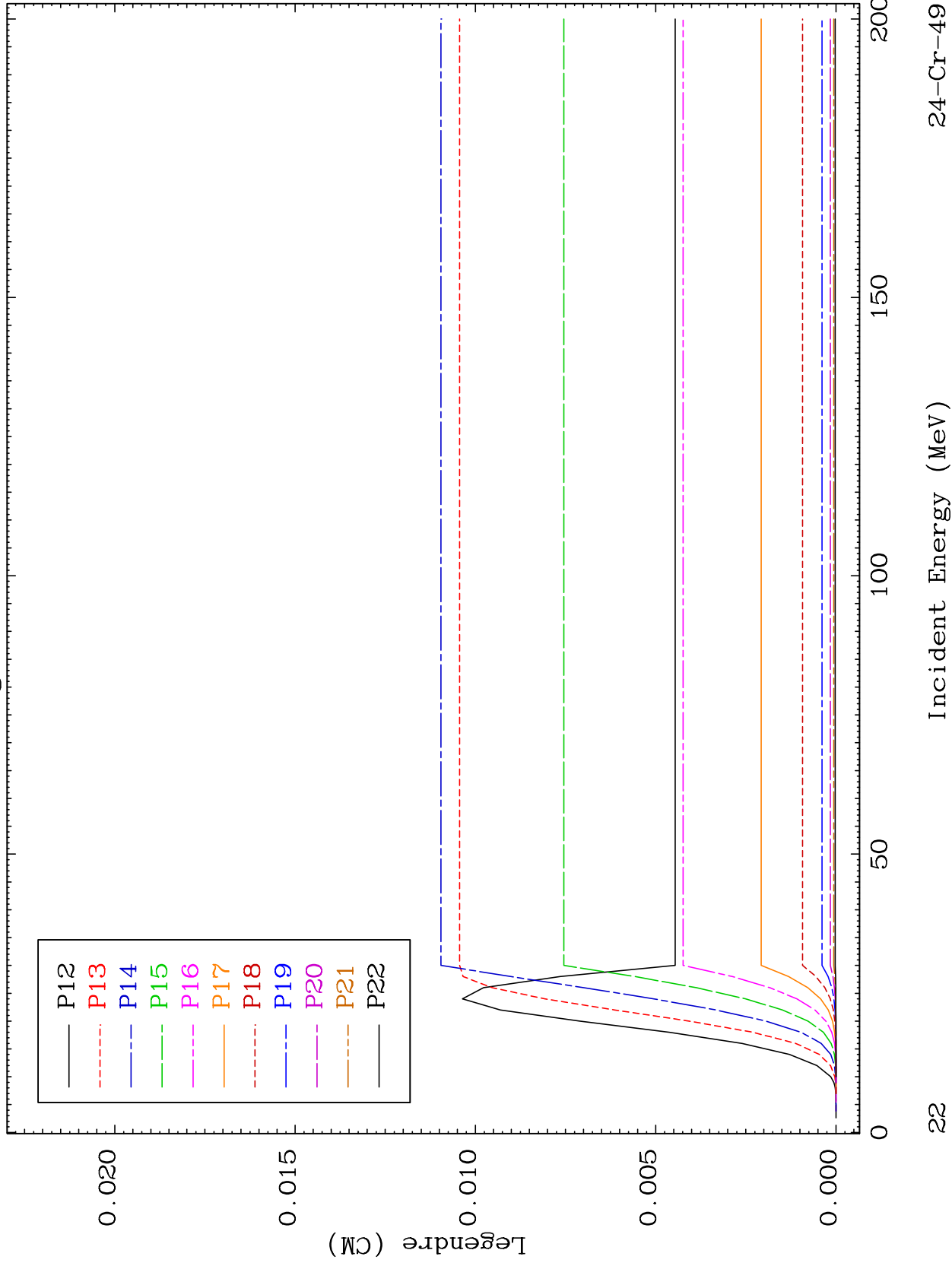


21

MAT 2422

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

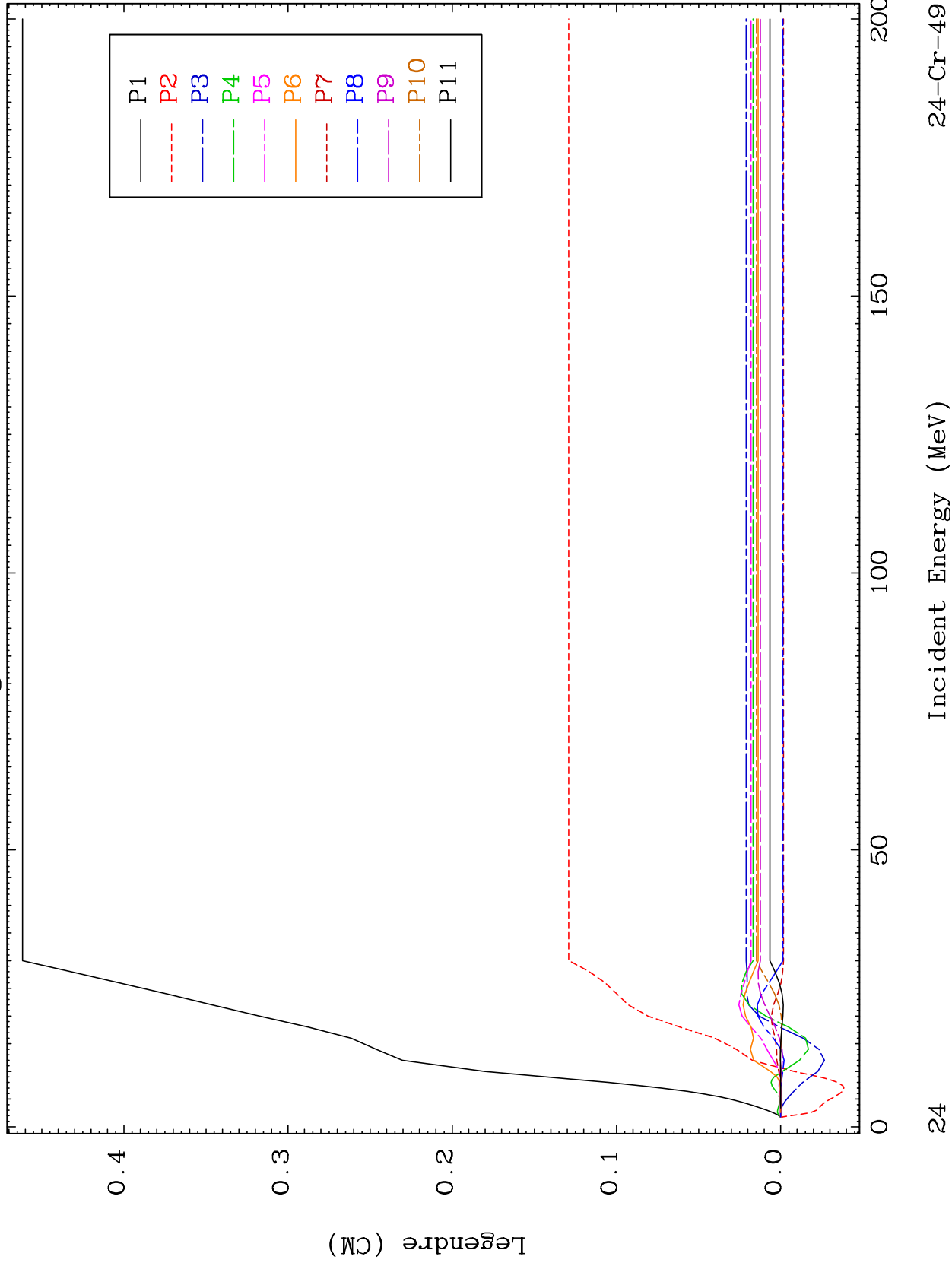
24-Cr-49



MAT 2422

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

24-Cr-49

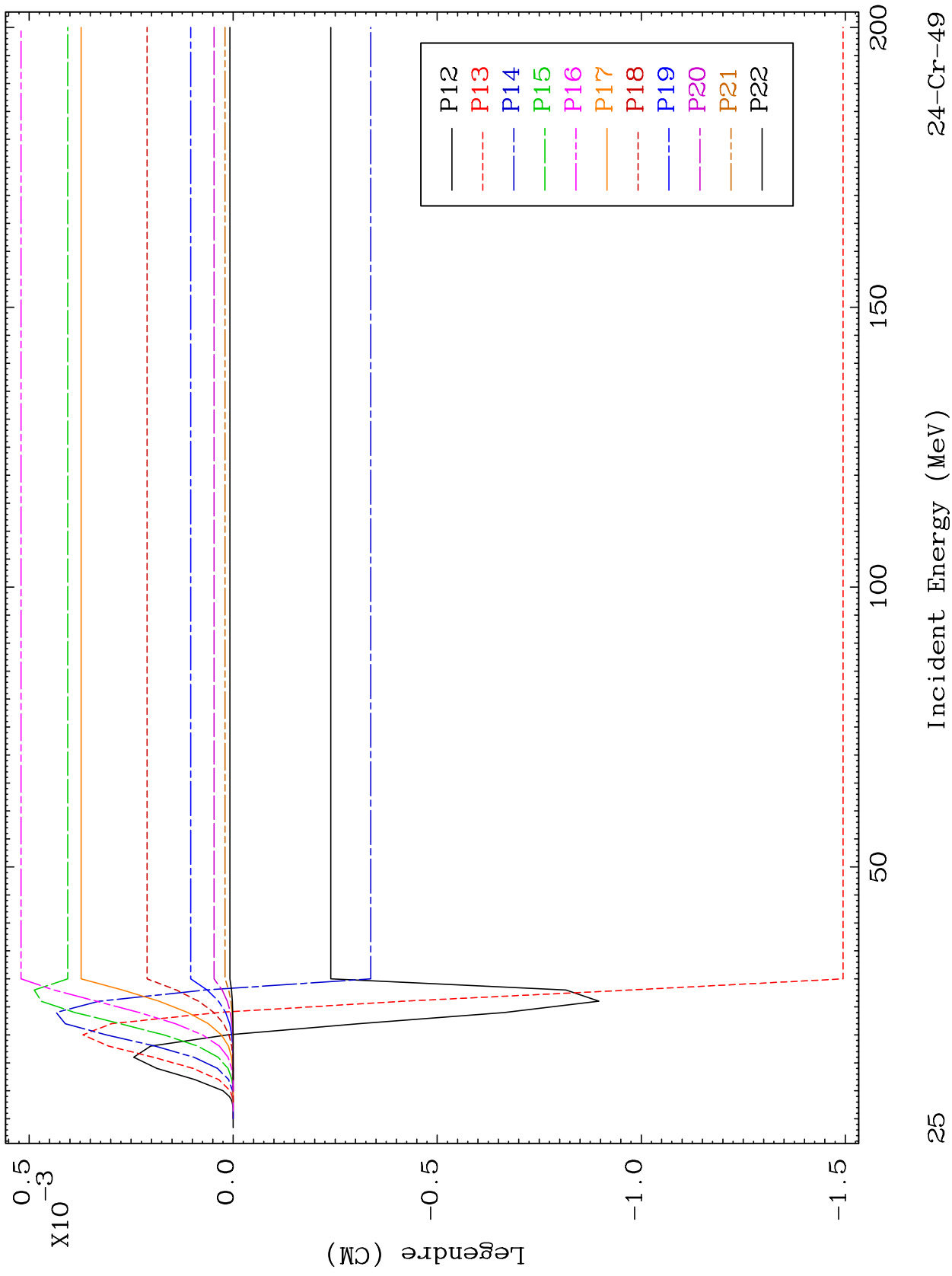


24

MAT 2422

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

24-Cr-49



25

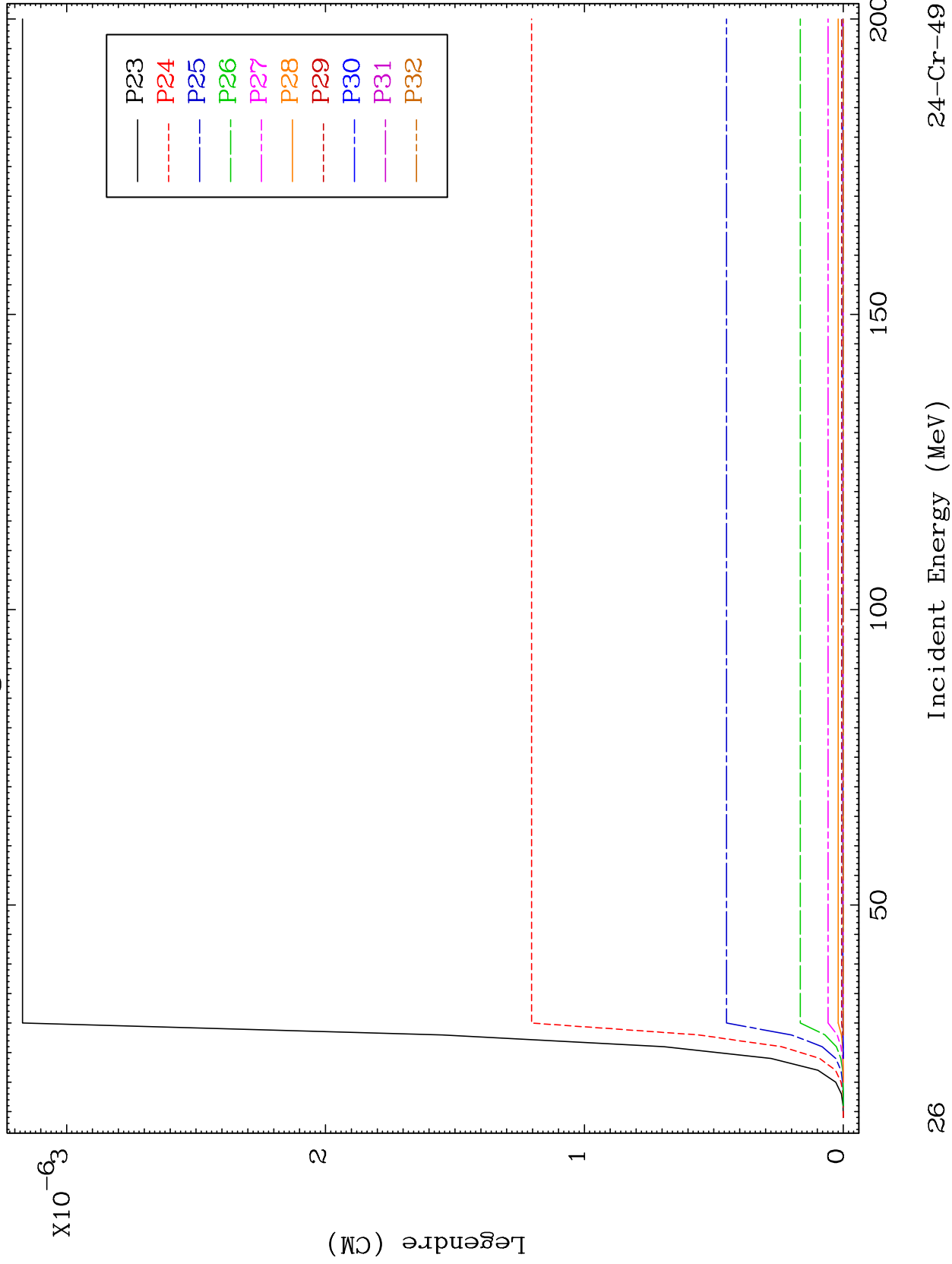
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



26

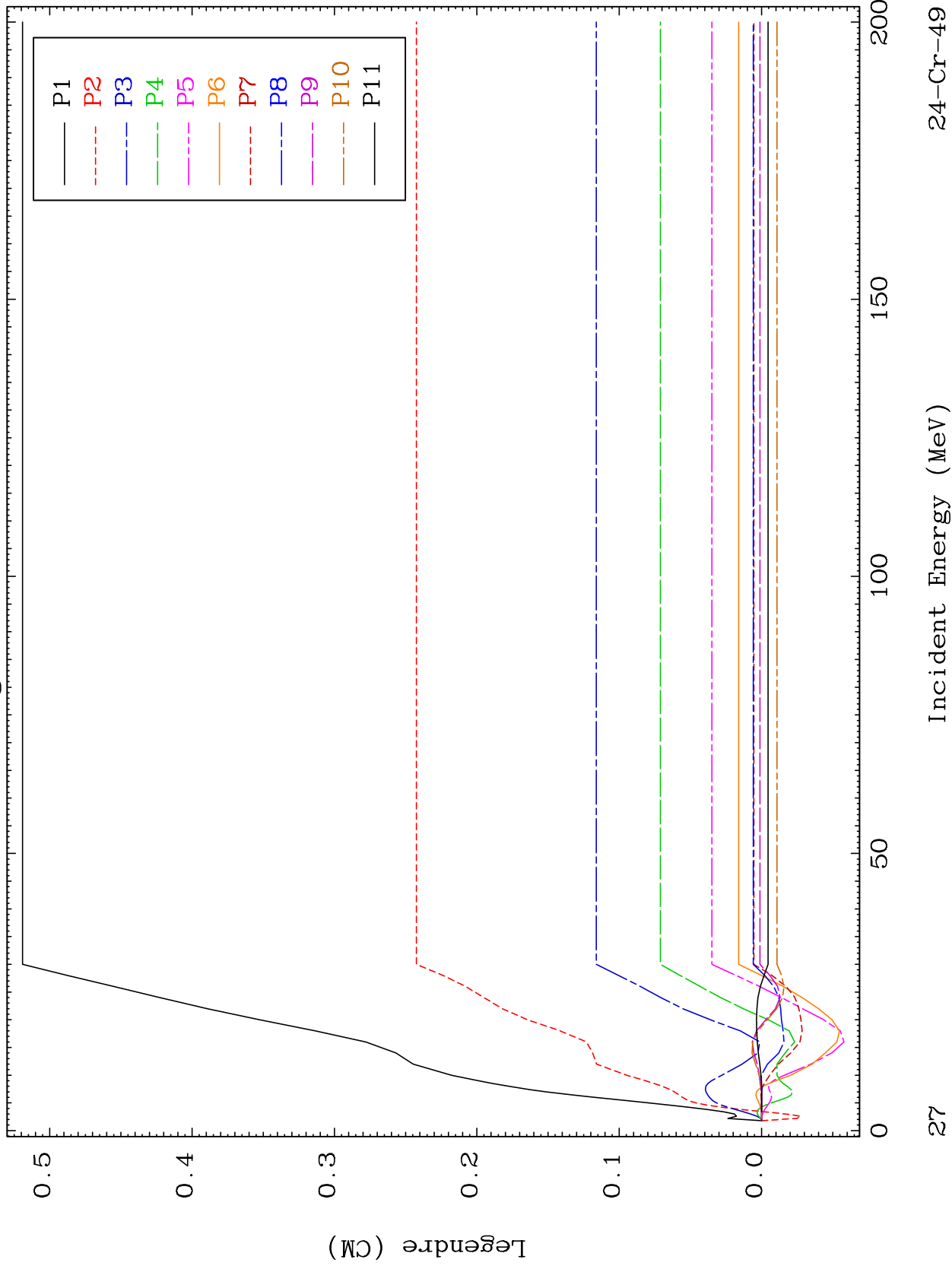
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

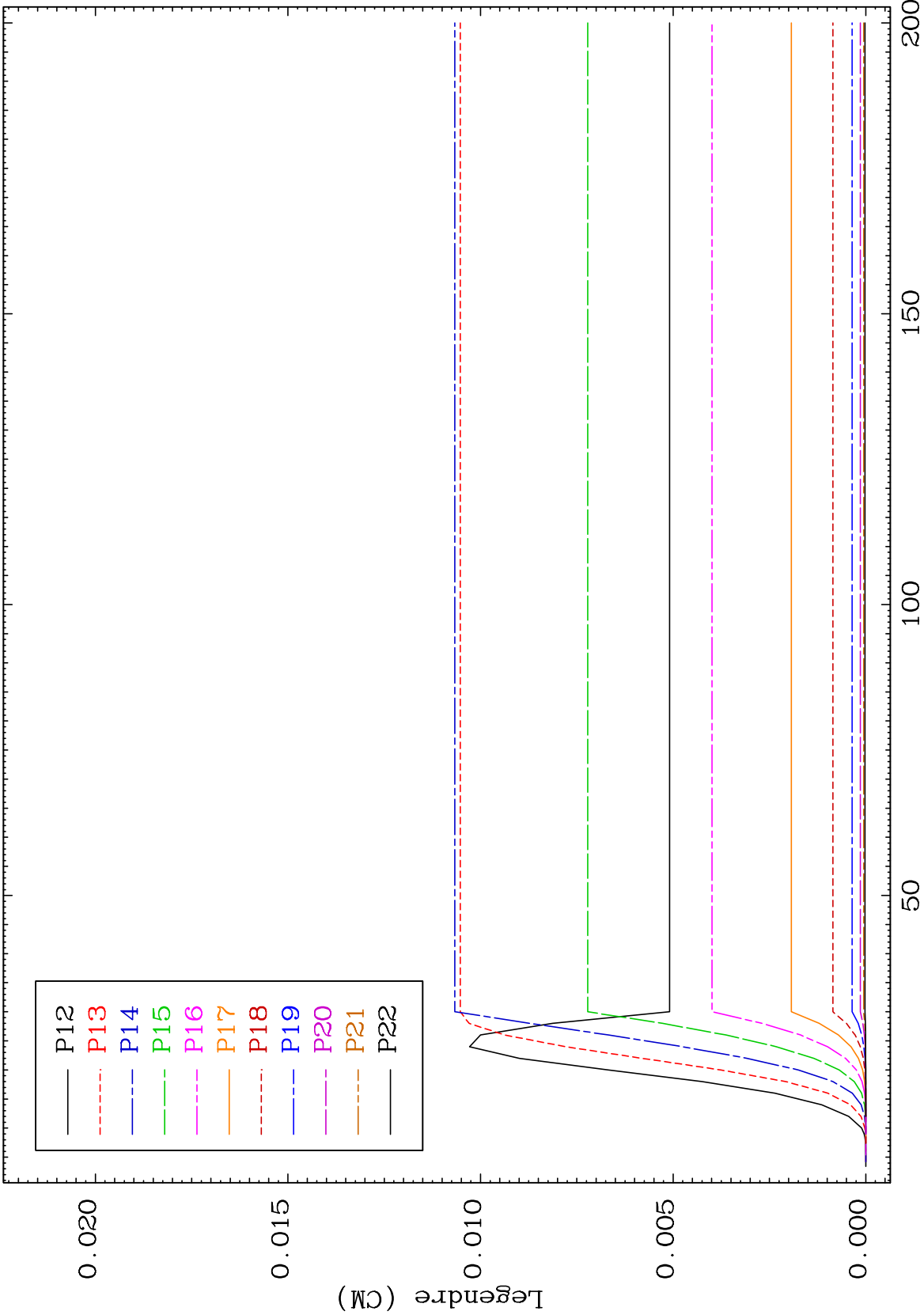
24-Cr-49



MAT 2422

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

24-Cr-49



28

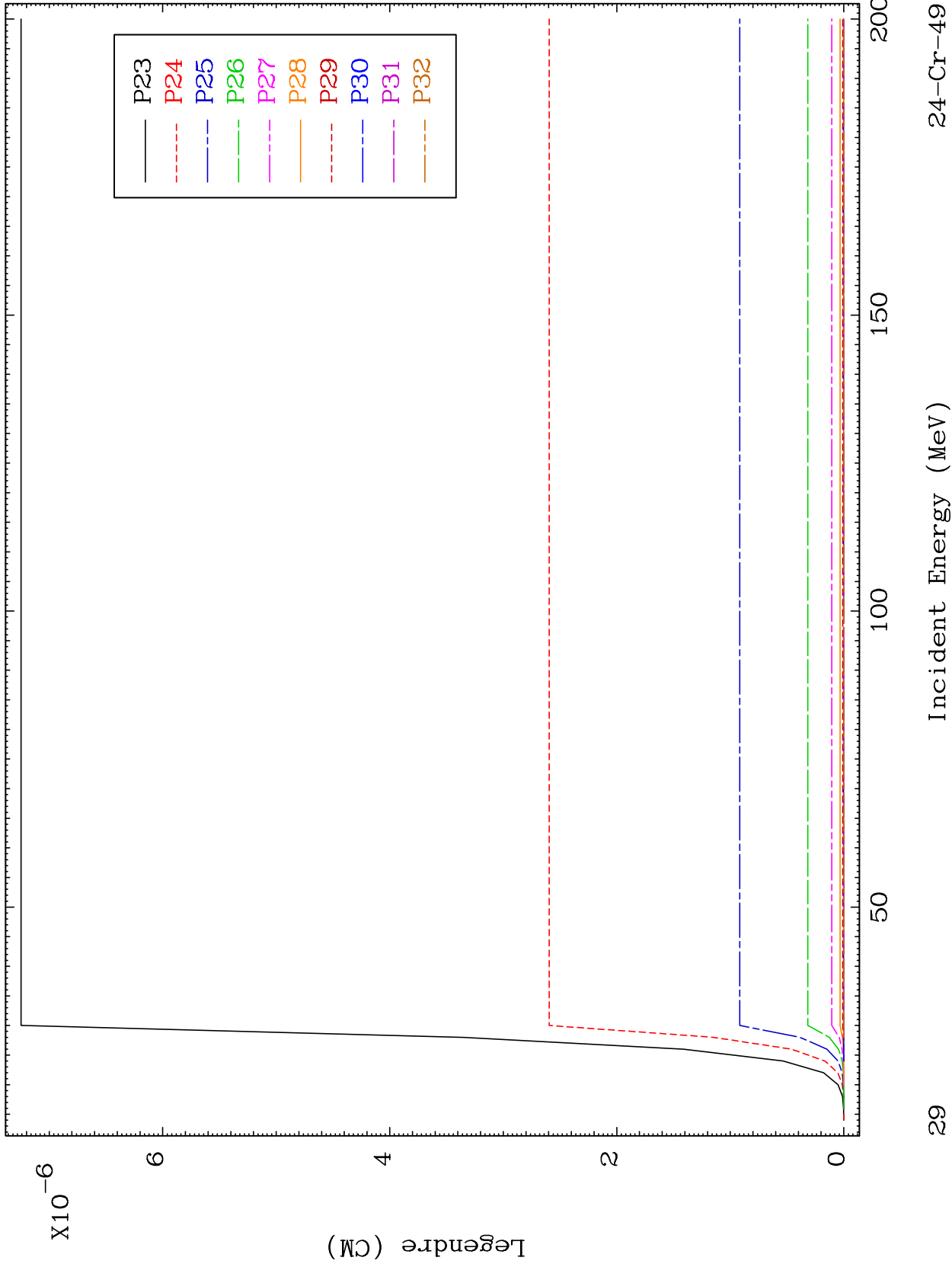
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



29

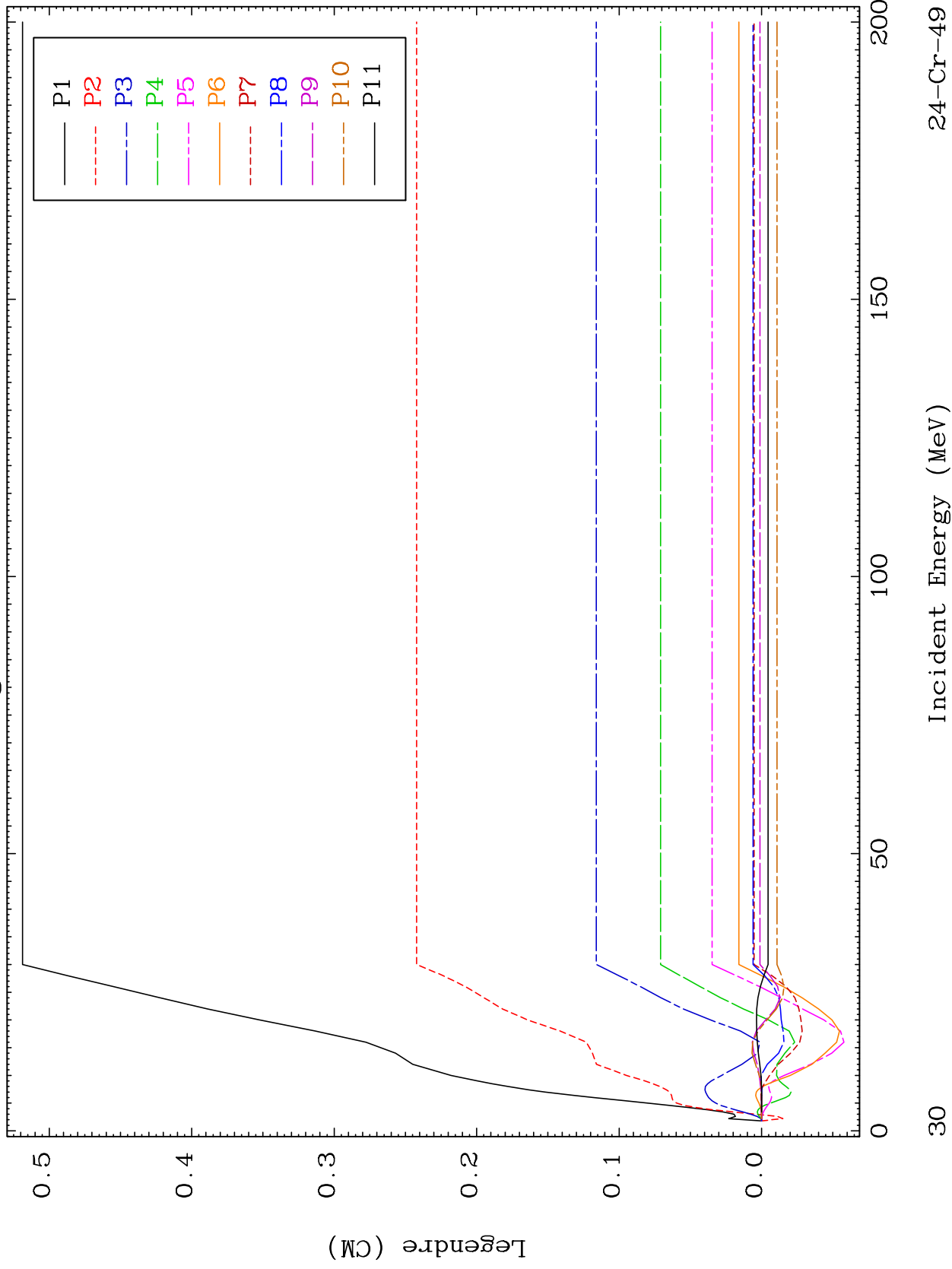
Incident Energy (MeV)

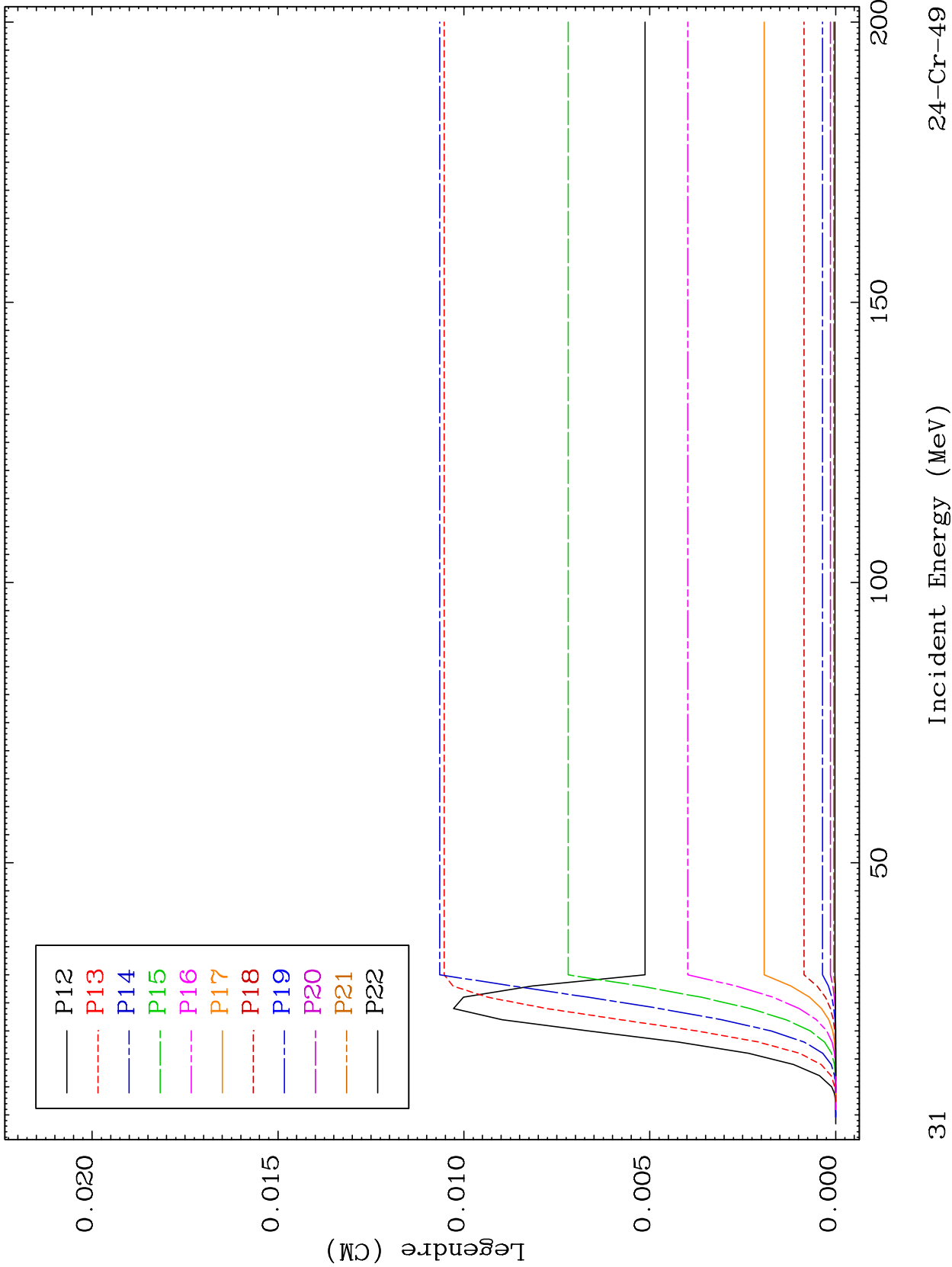
24-Cr-49

MAT 2422

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

24-Cr-49

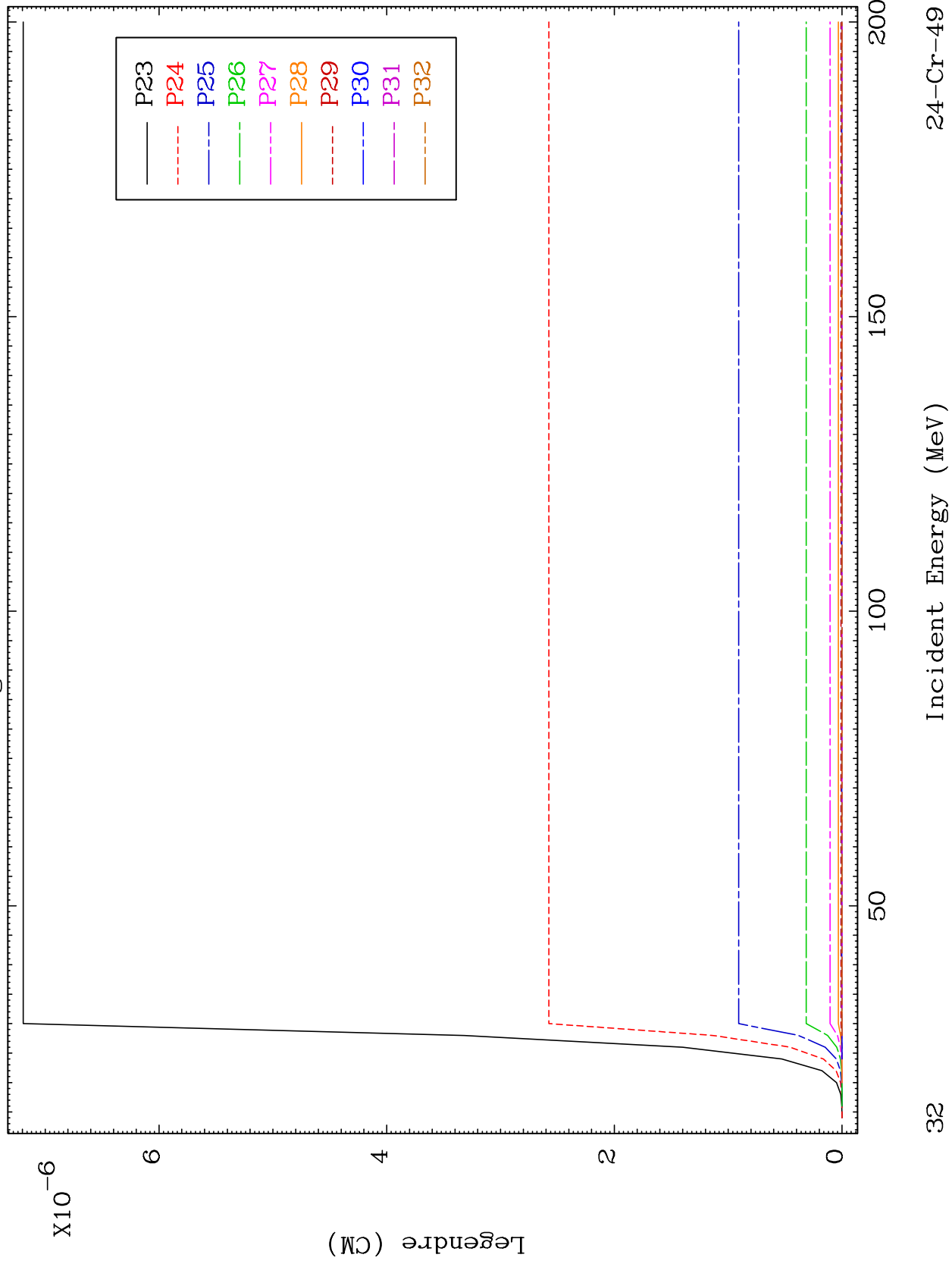




MAT 2422

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

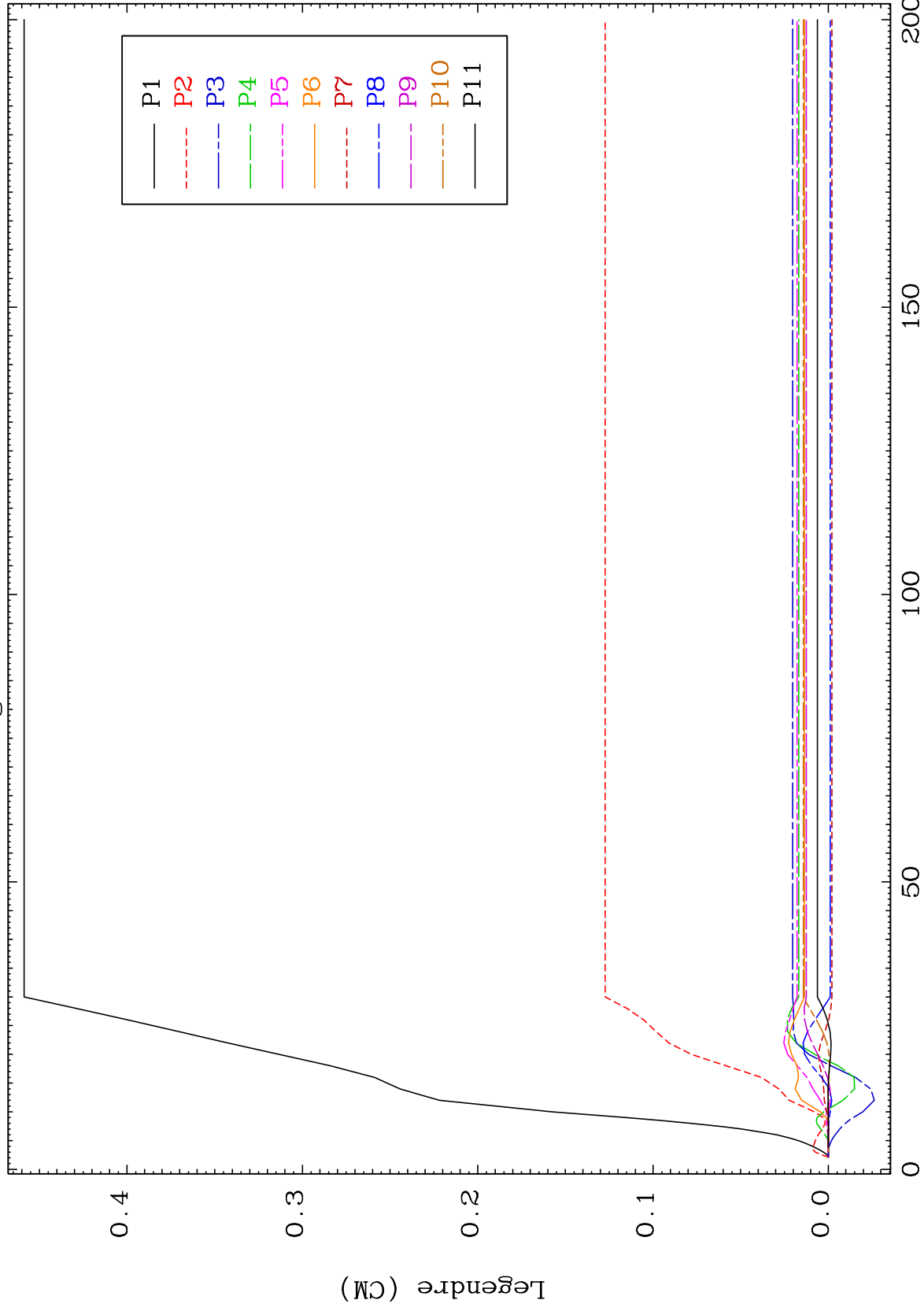
24-Cr-49



MAT 2422

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

24-Cr-49



33

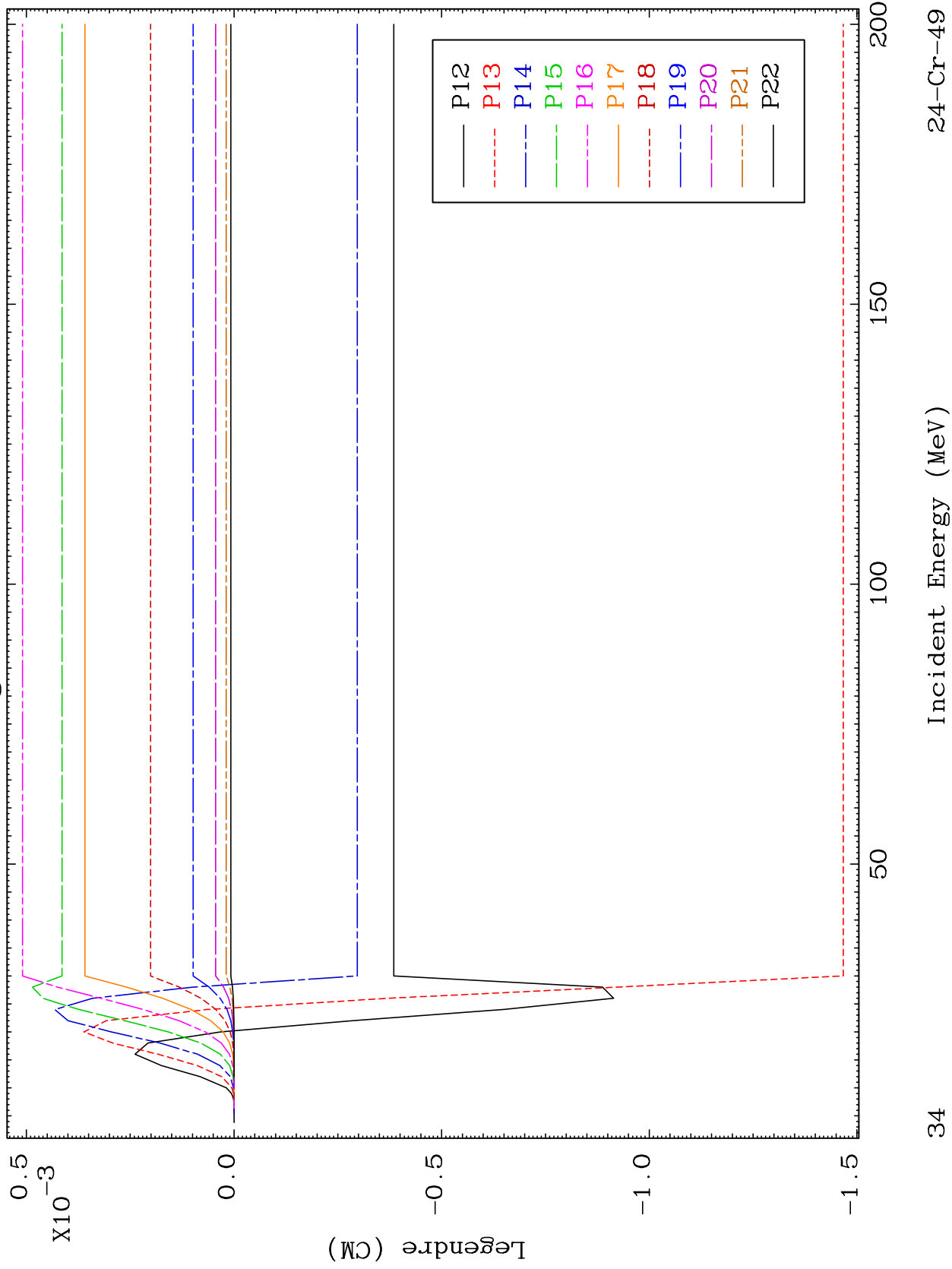
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



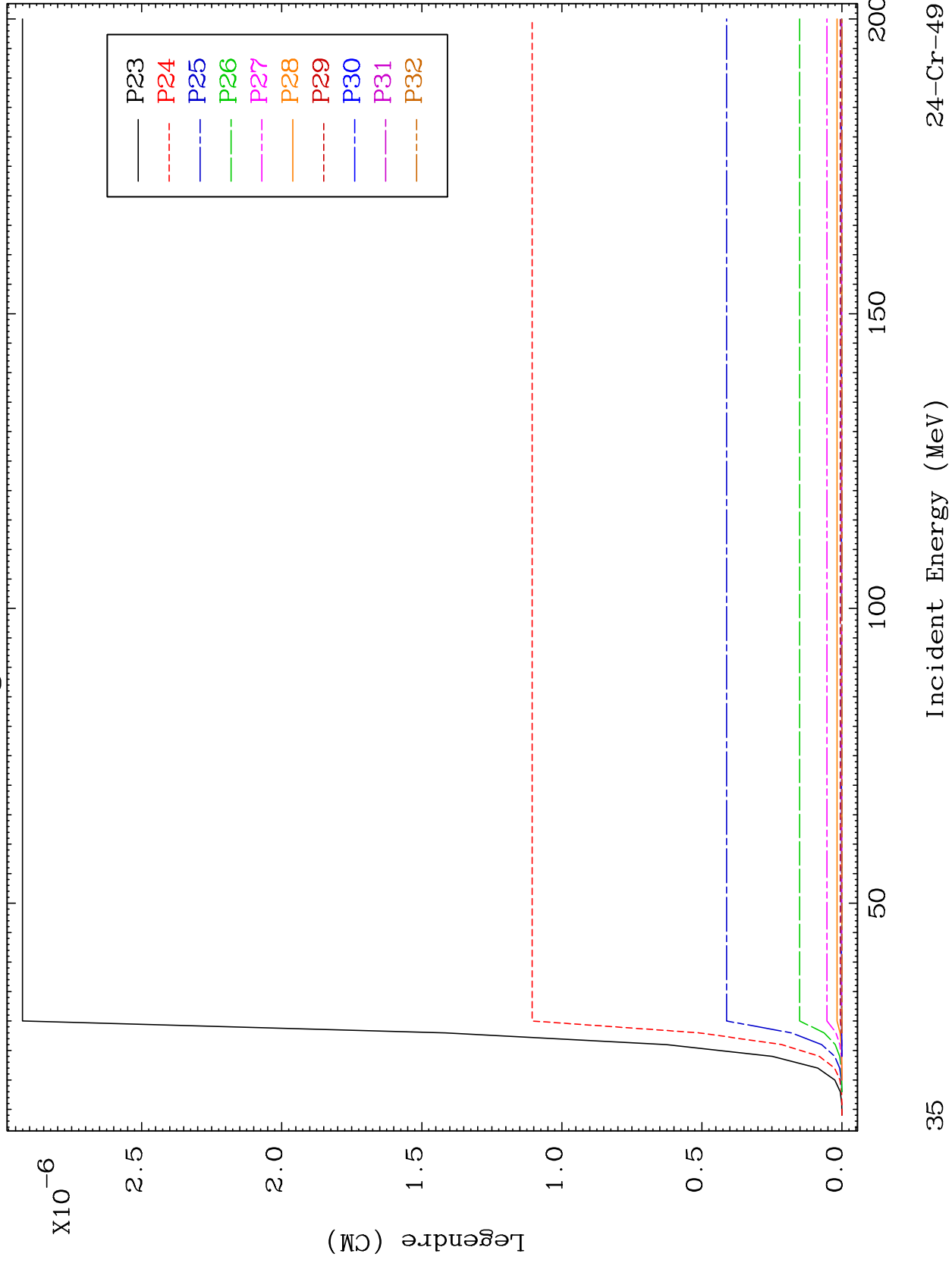
34

24-Cr-49

MAT 2422

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

24-Cr-49



35

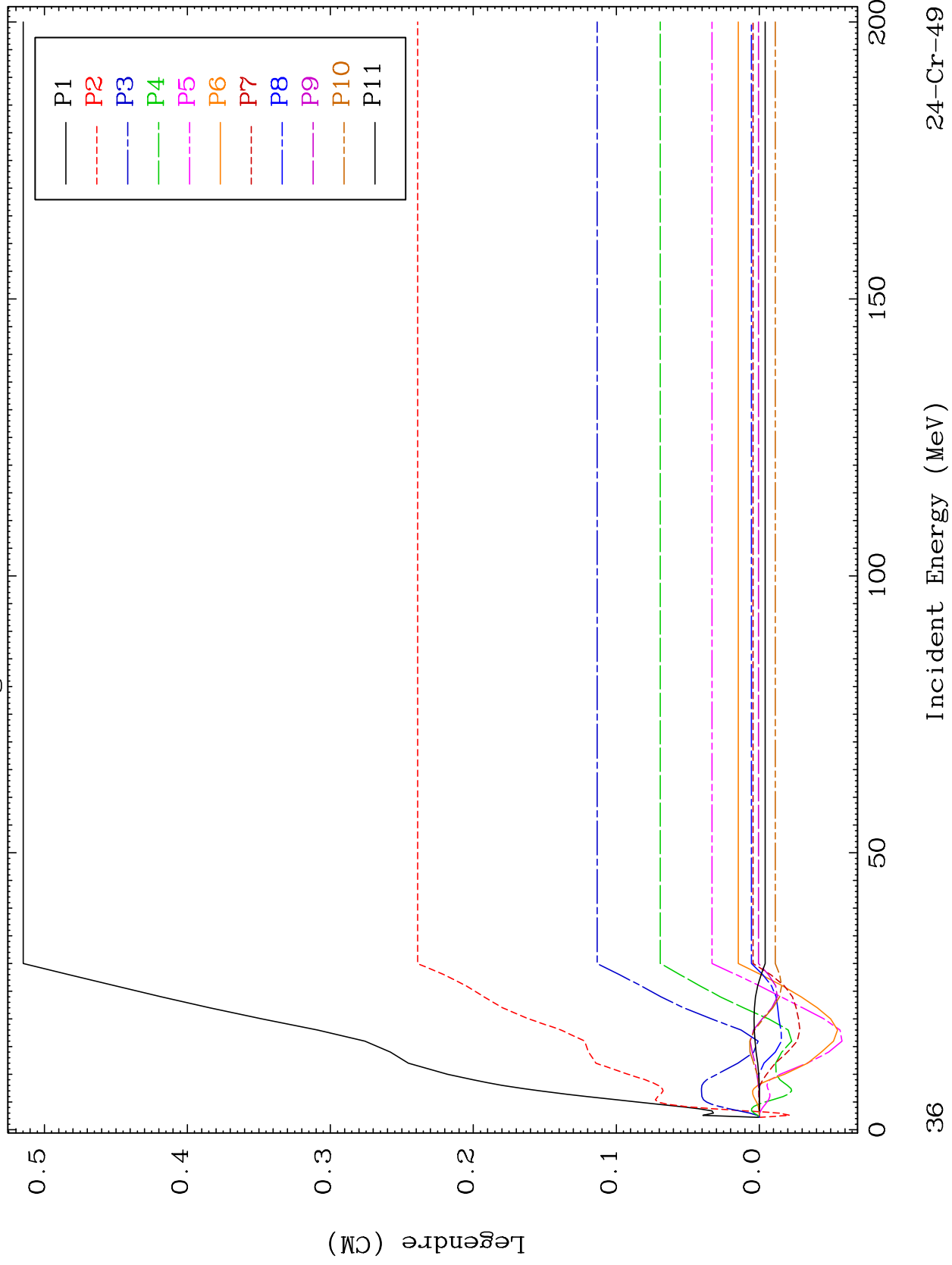
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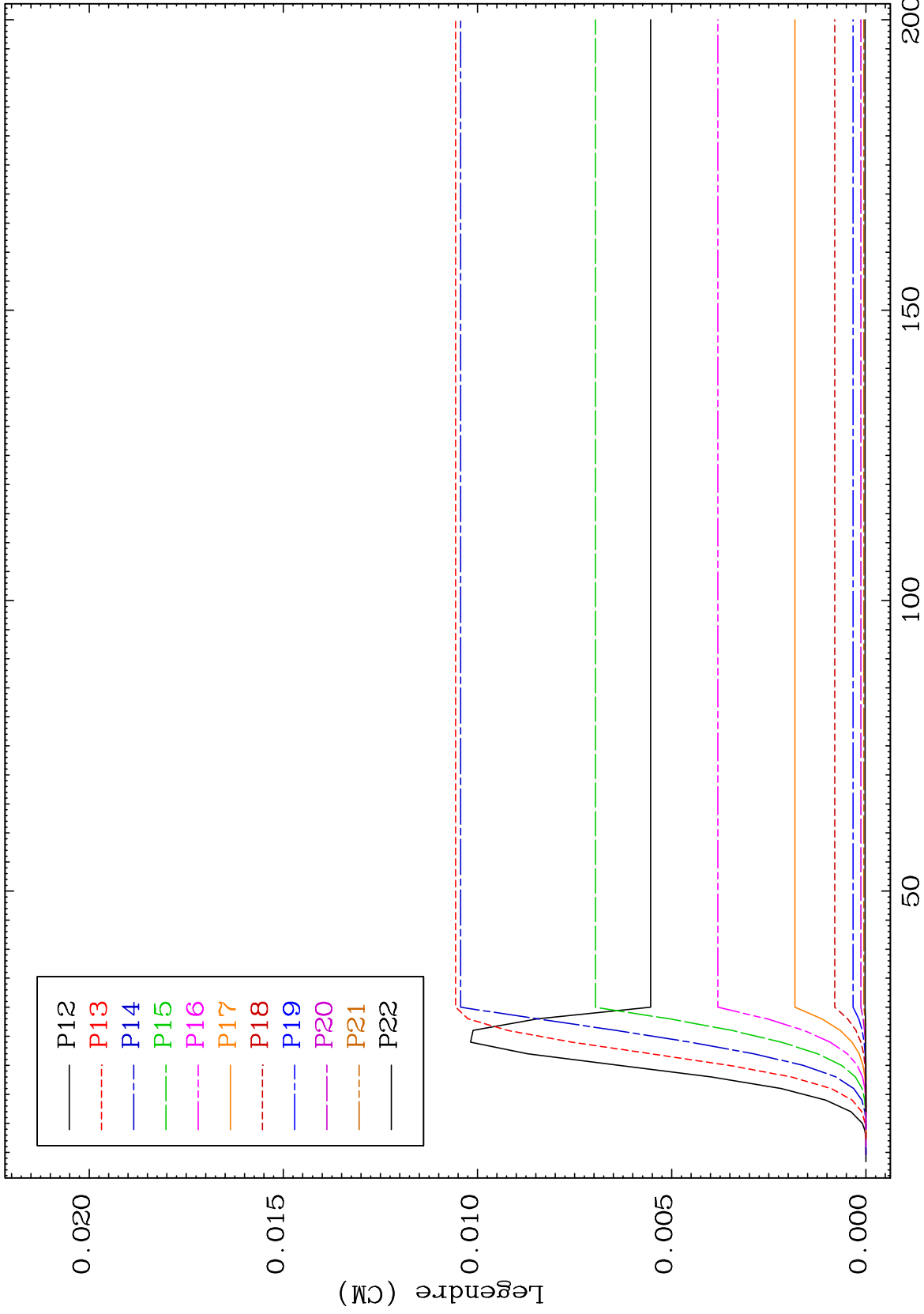
24-Cr-49

MAT 2422

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

24-Cr-49

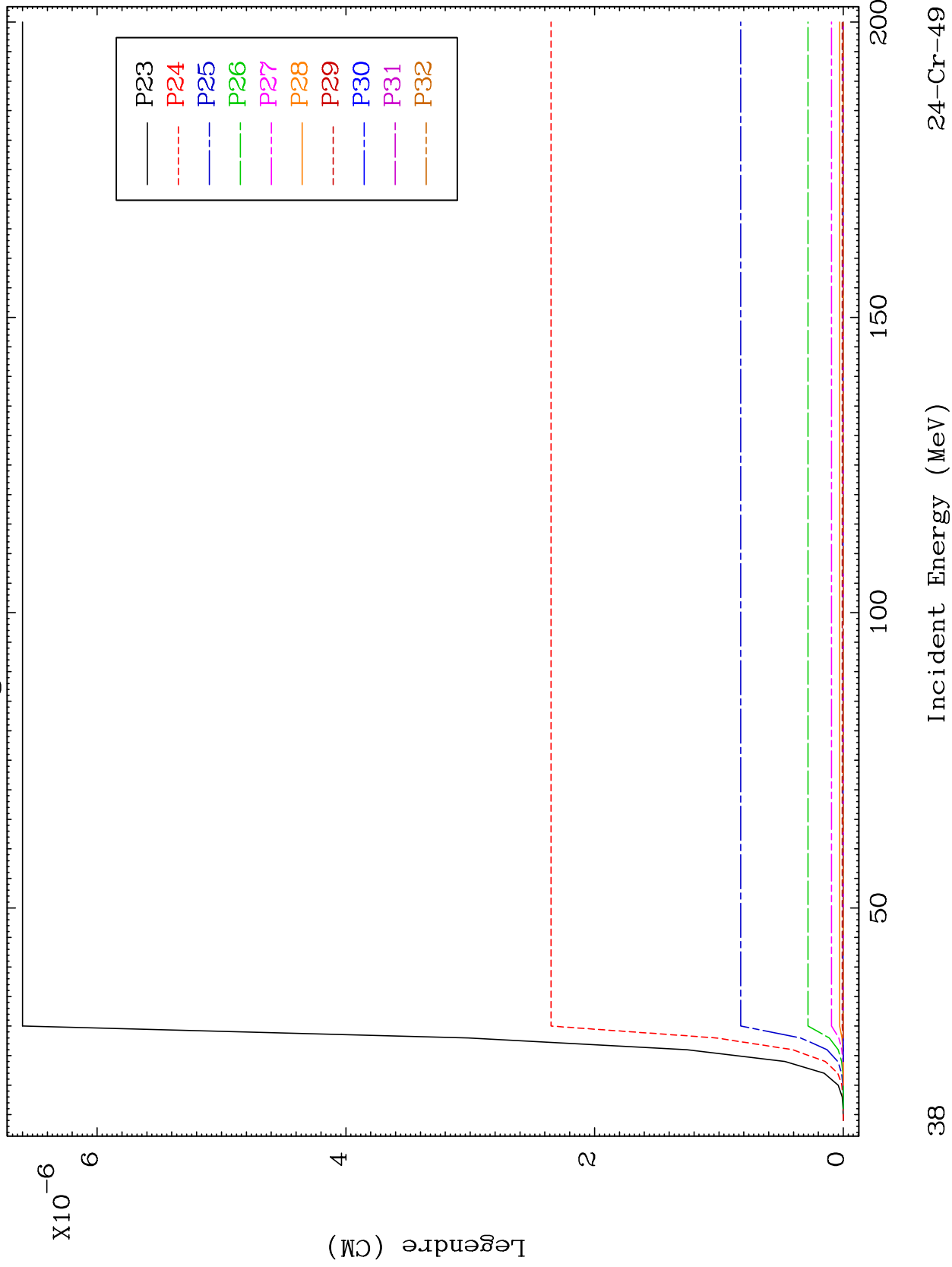




MAT 2422

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

24-Cr-49



38

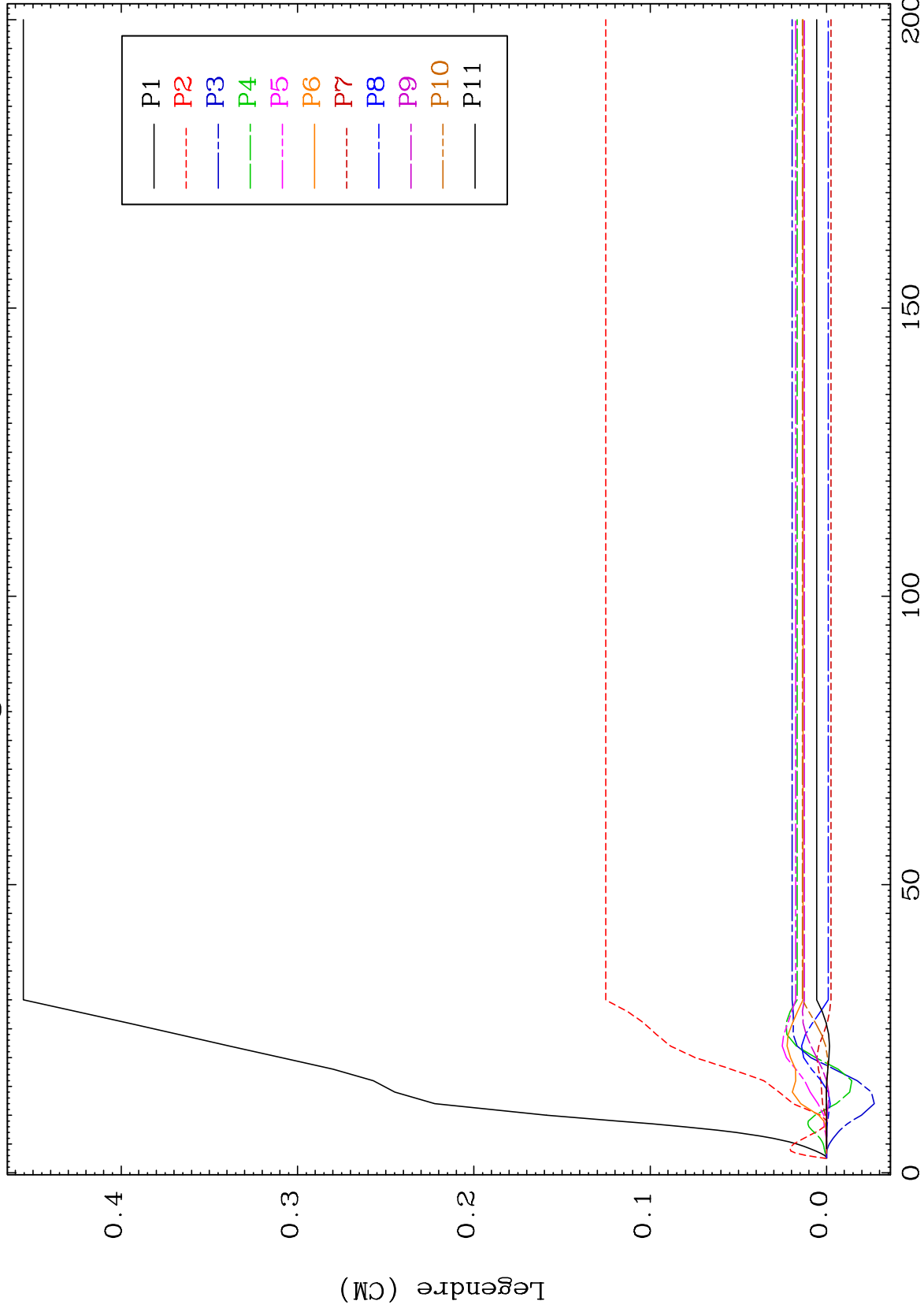
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

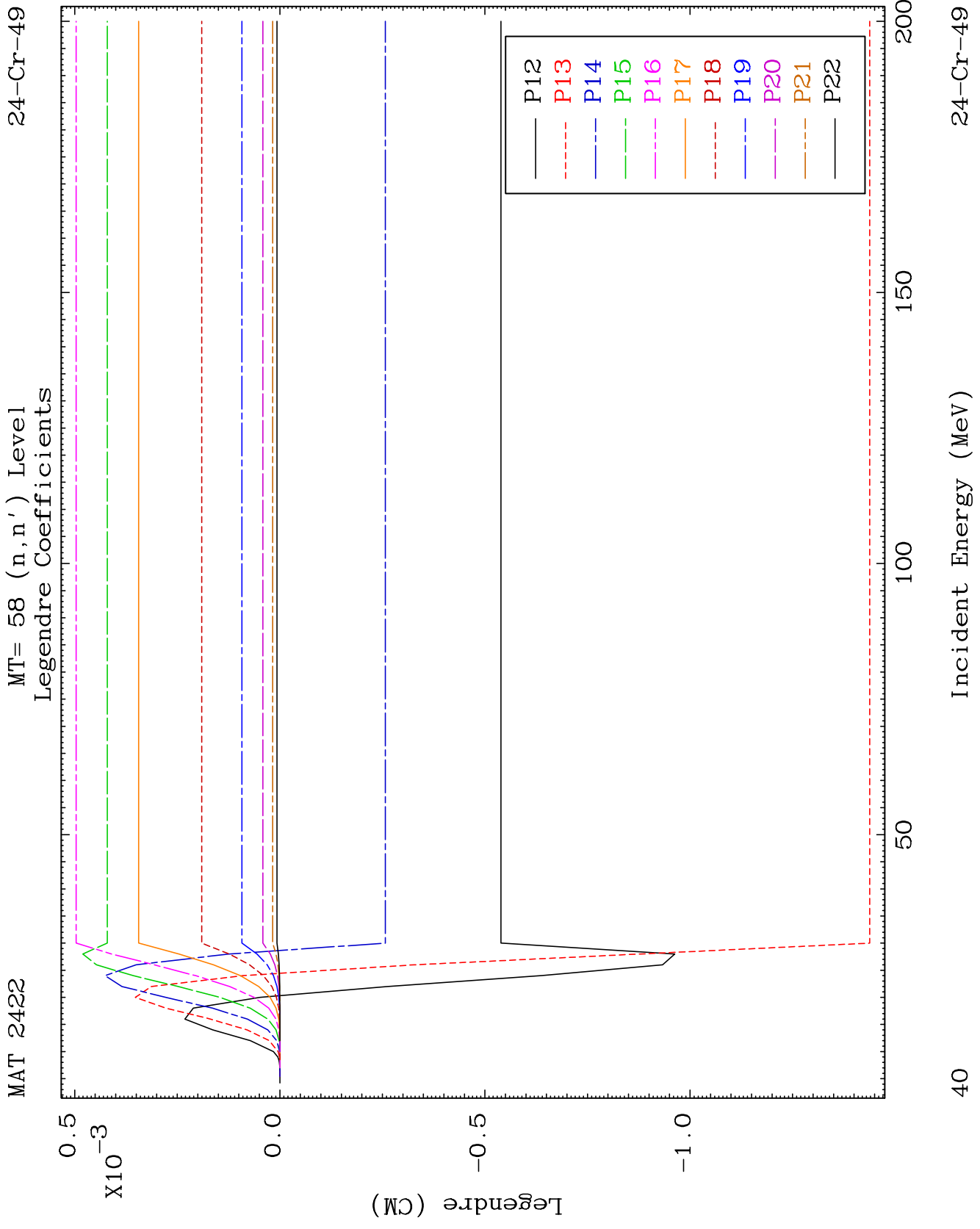
24-Cr-49



39

Incident Energy (MeV)

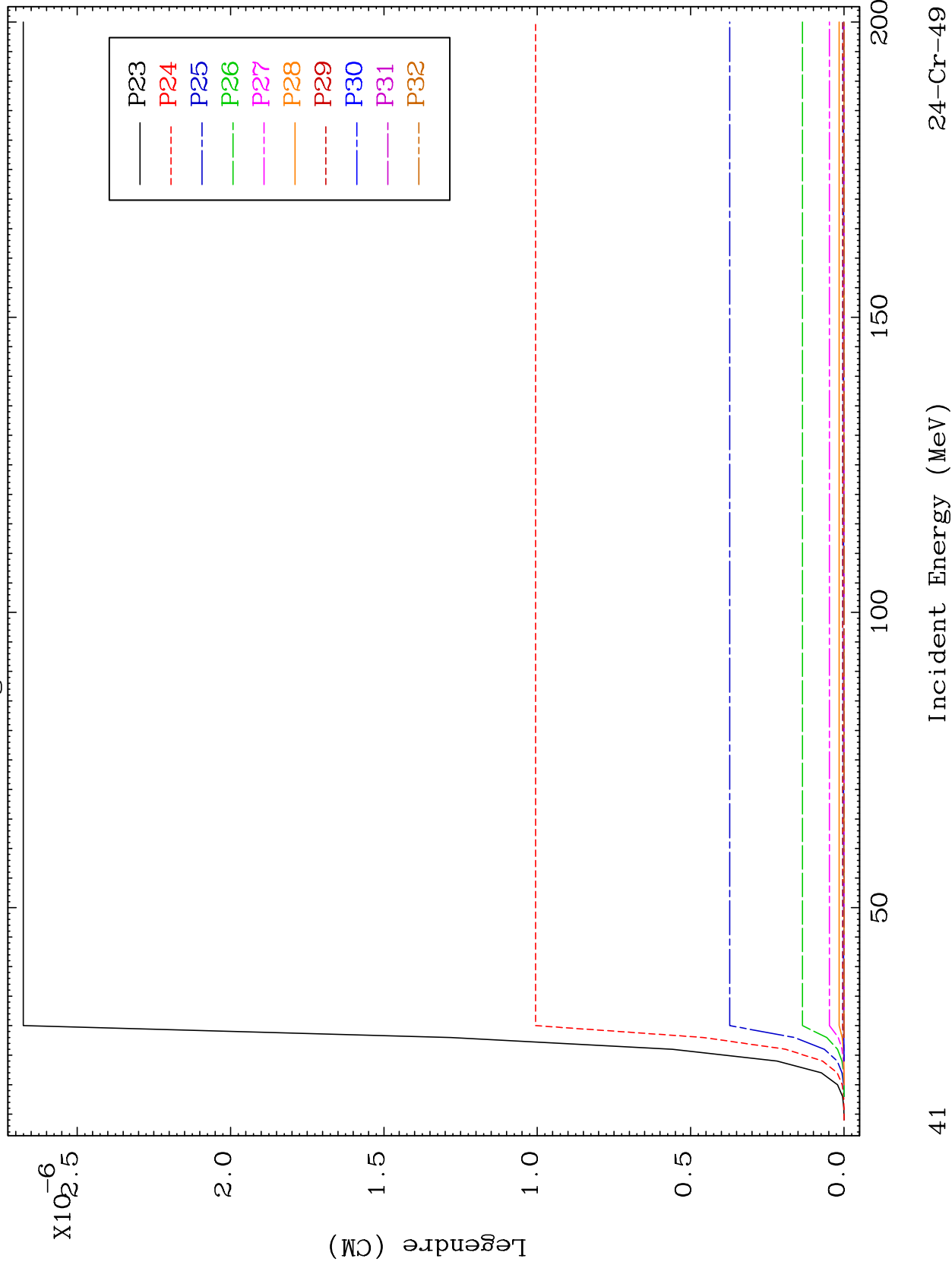
24-Cr-49



MAT 2422

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

24-Cr-49

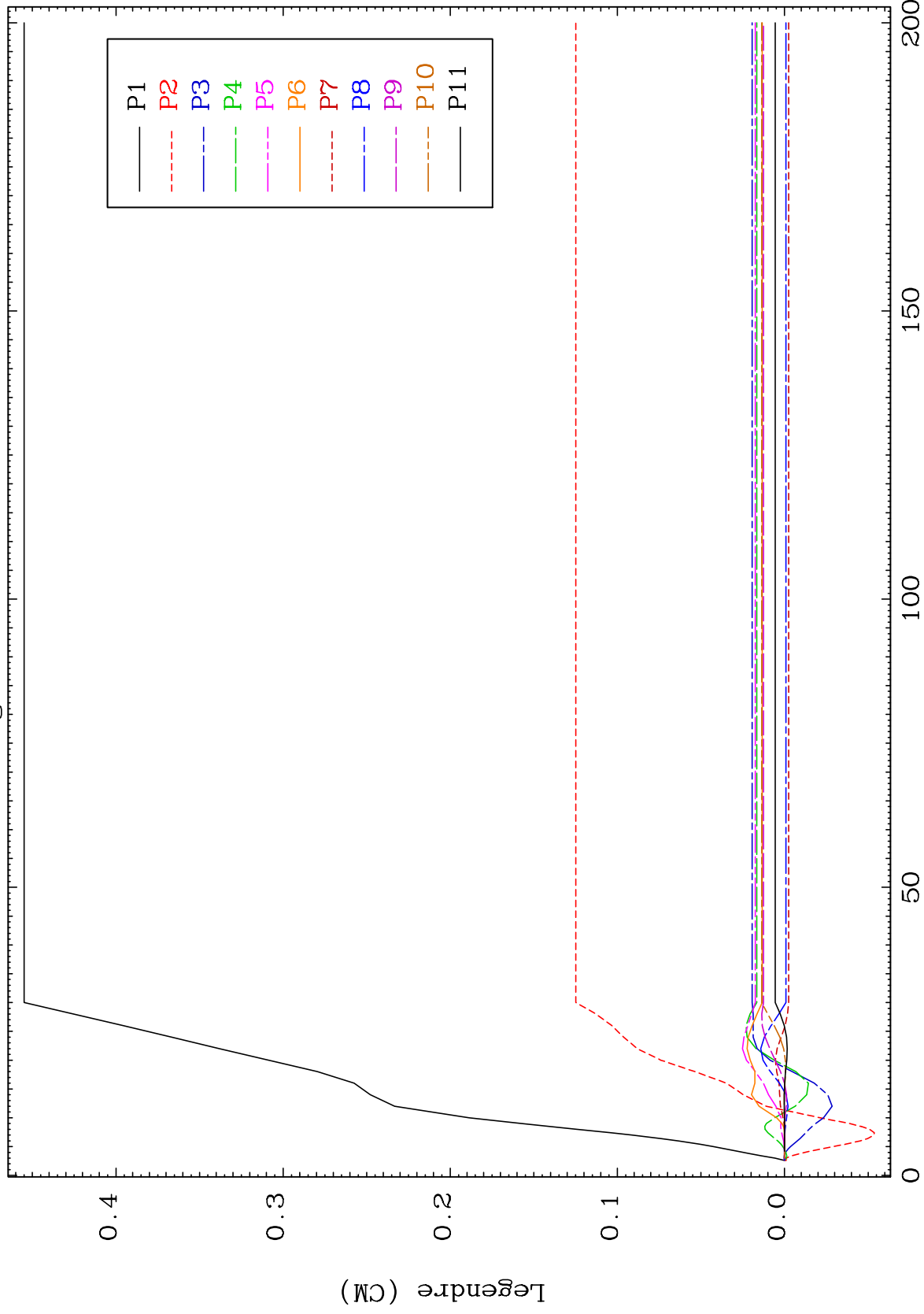


41

MAT 2422

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

24-Cr-49



42

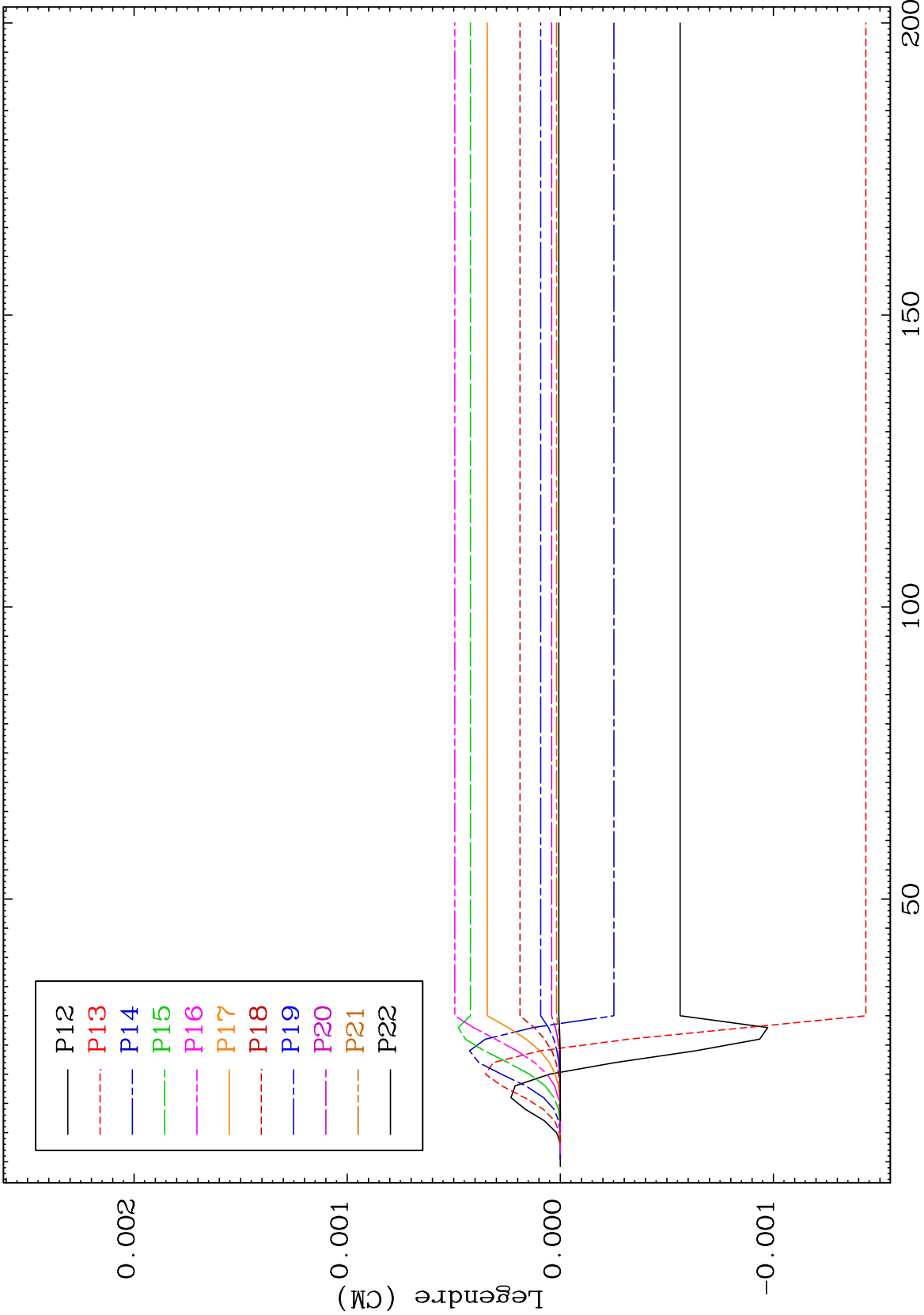
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

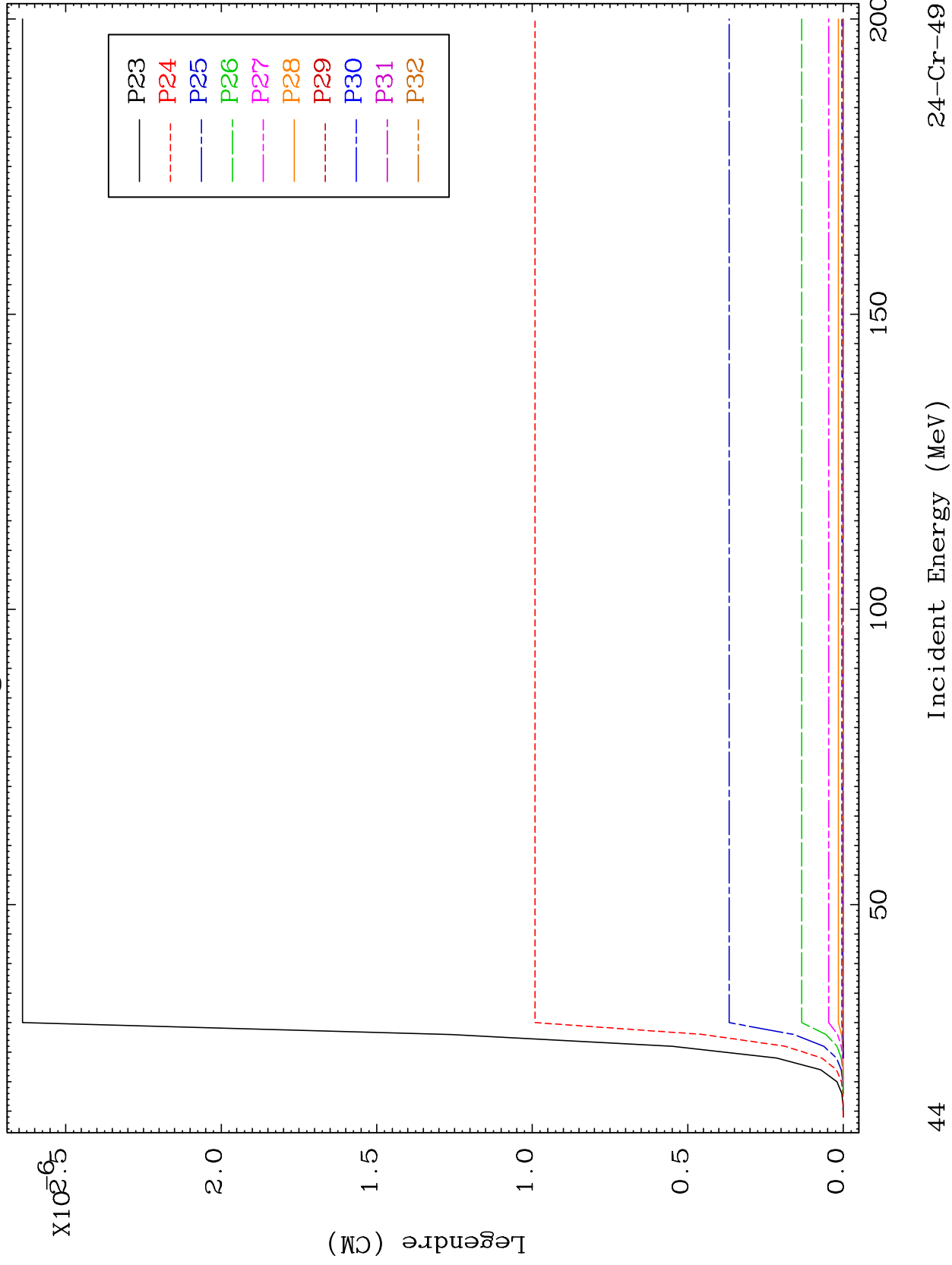
24-Cr-49



MAT 2422

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

24-Cr-49



44

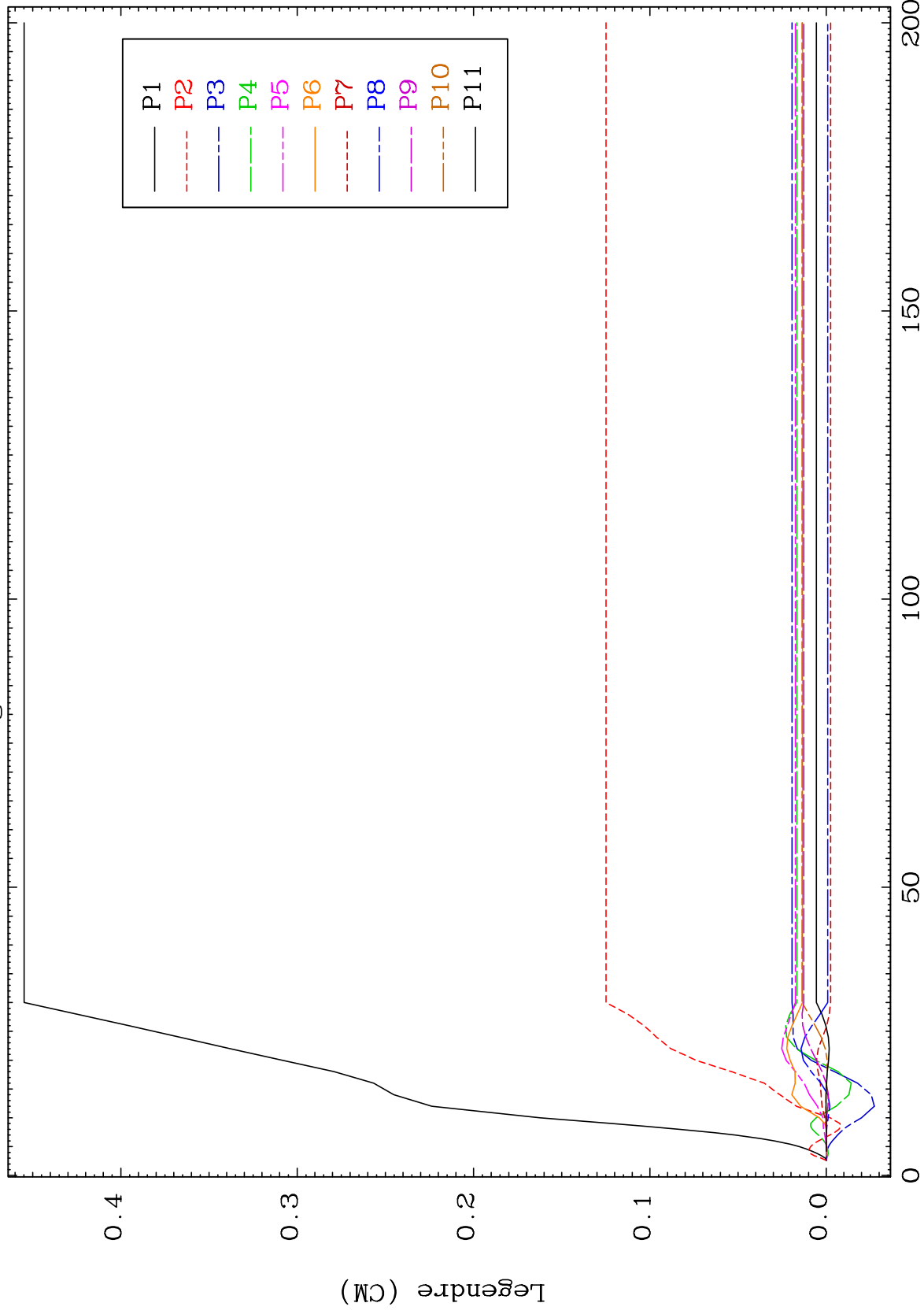
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



45

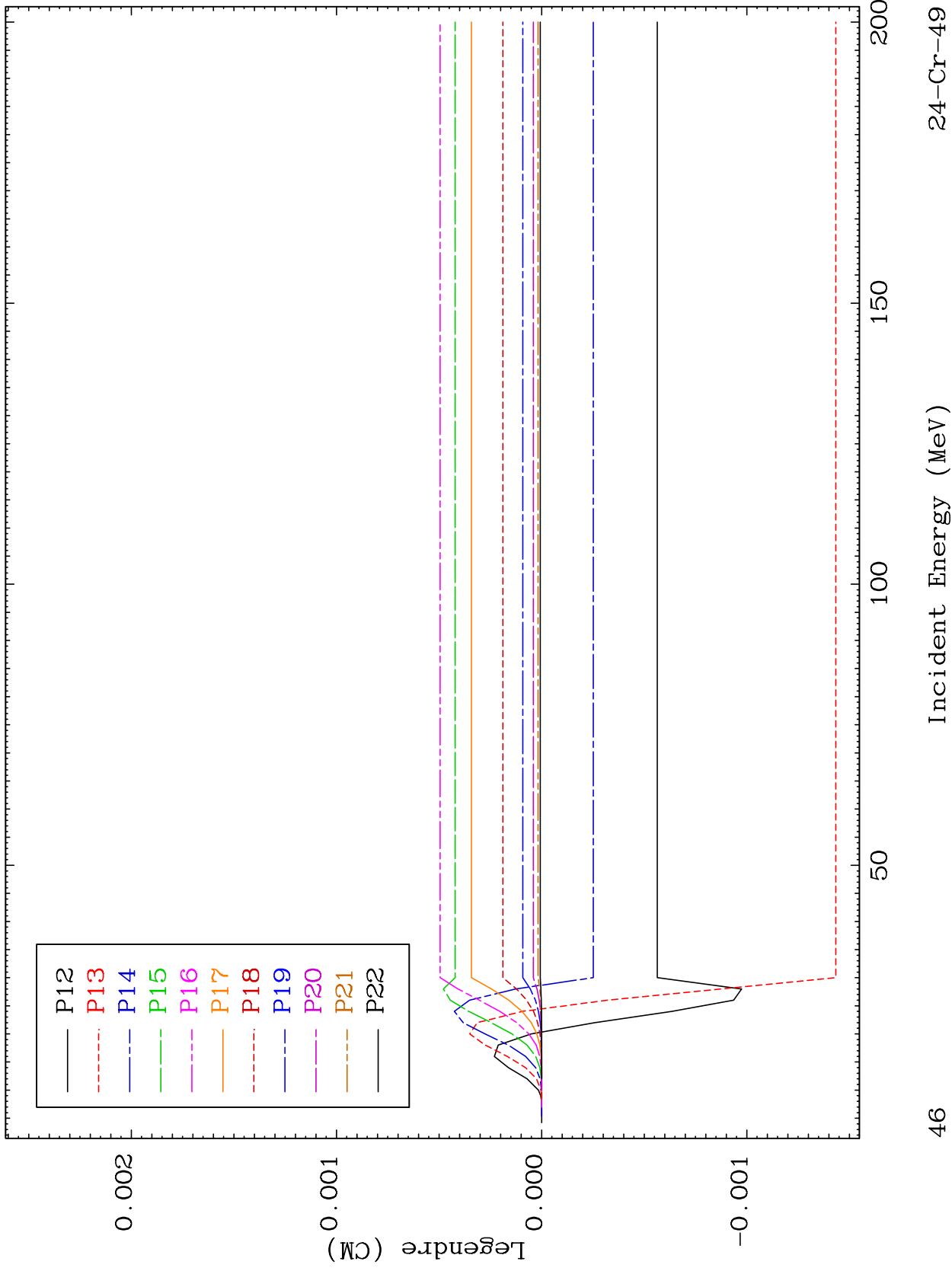
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

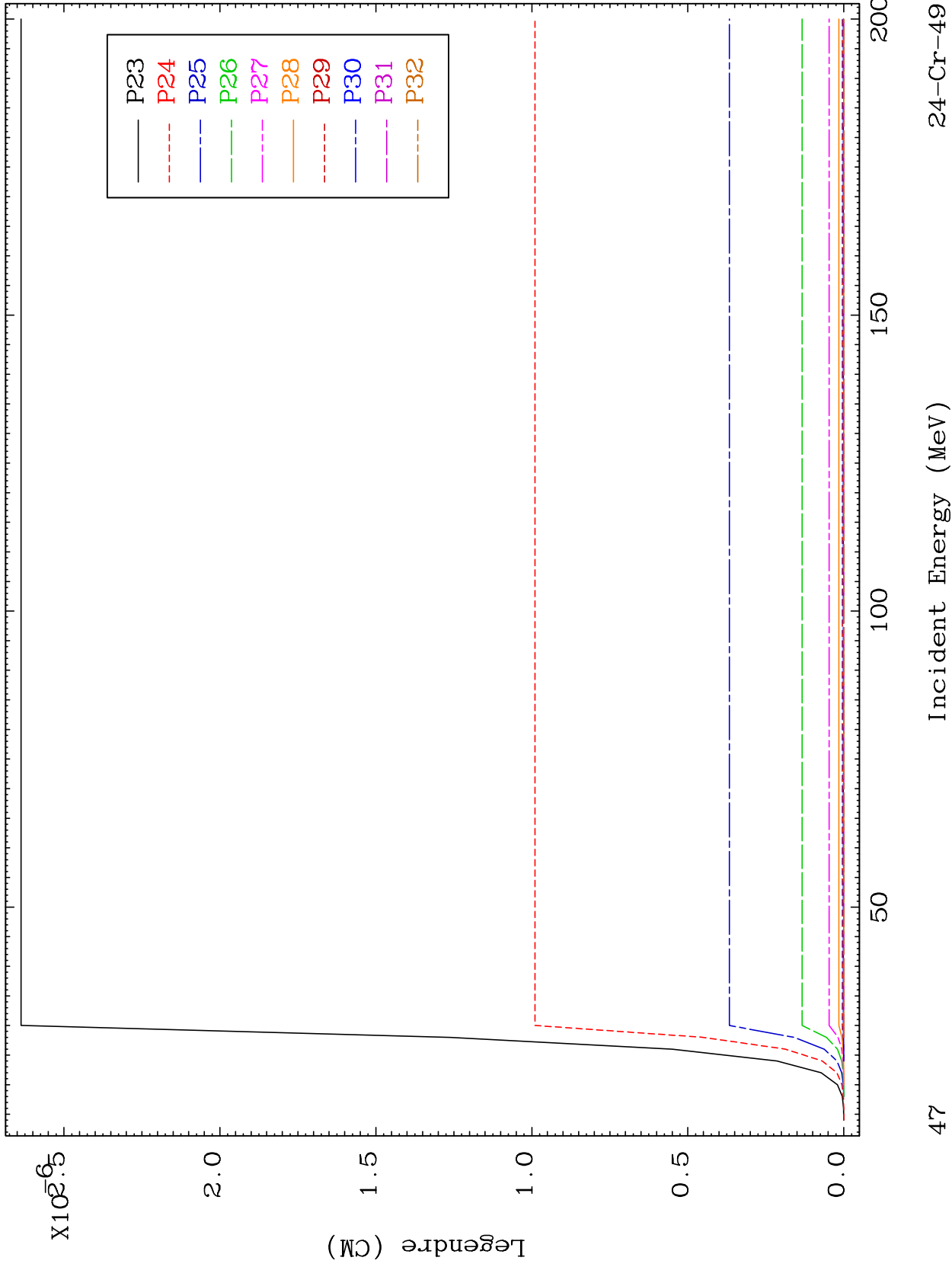
24-Cr-49



MAT 2422

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

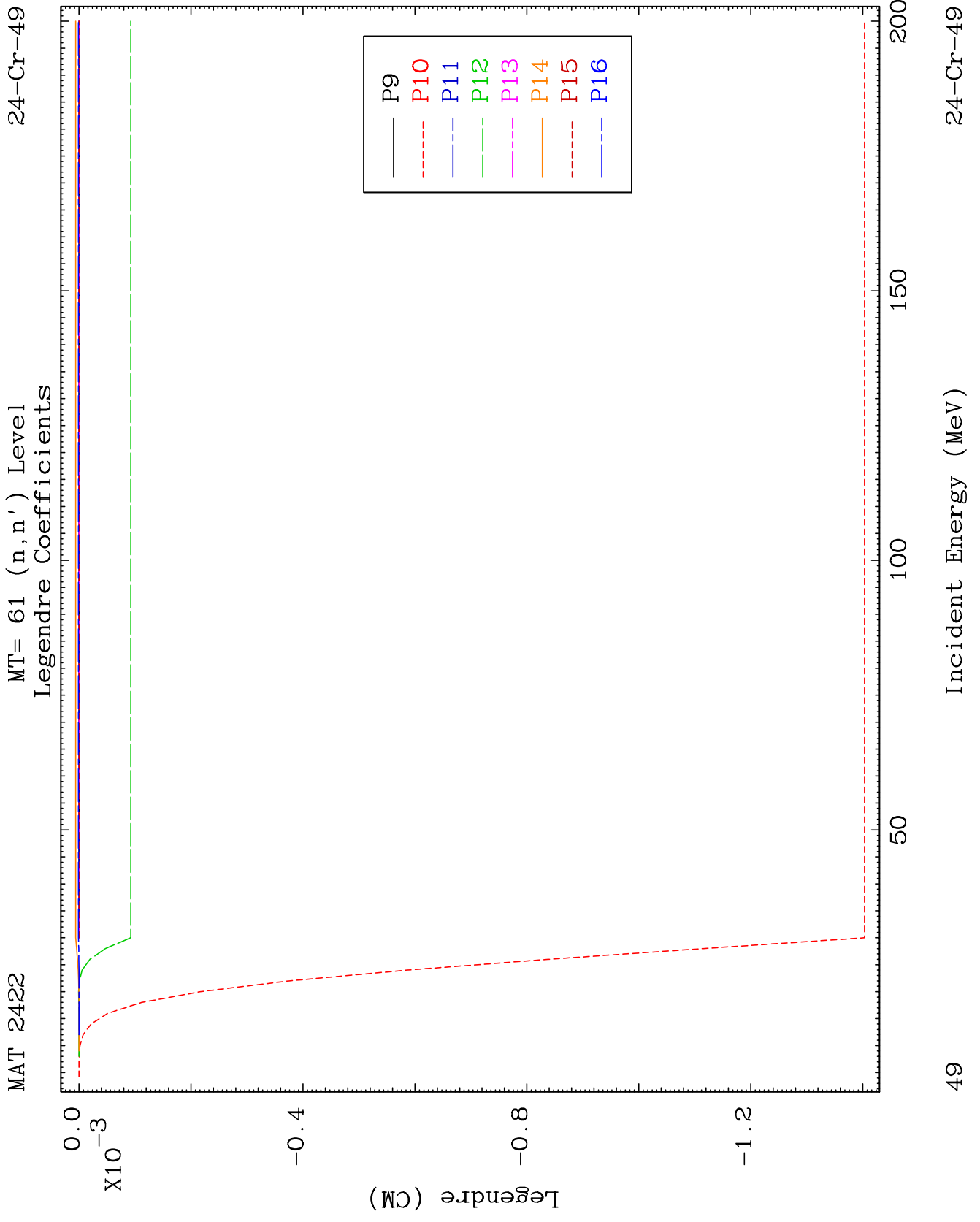
24-Cr-49



47

Incident Energy (MeV)

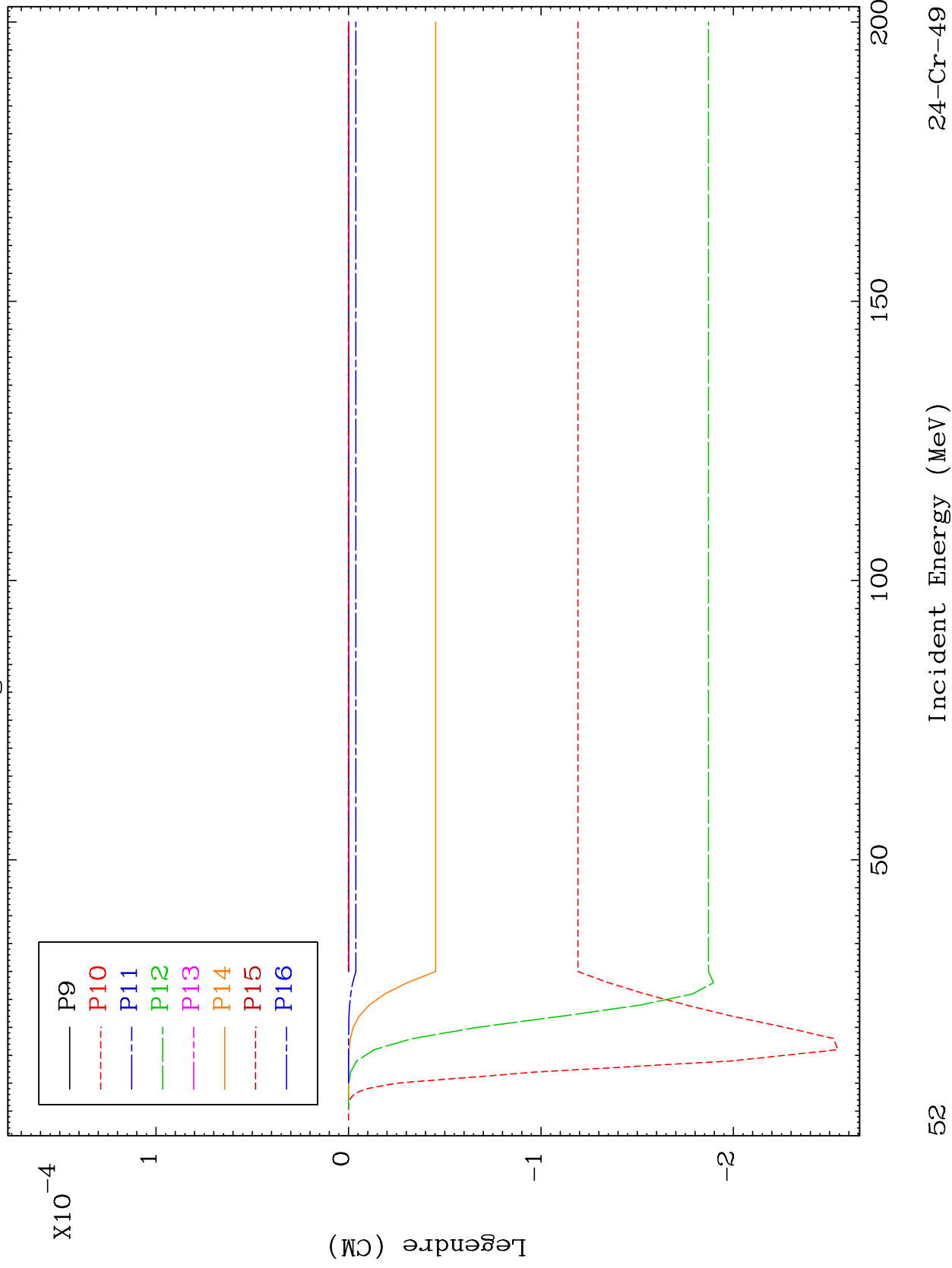
24-Cr-49



MAT 2422

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

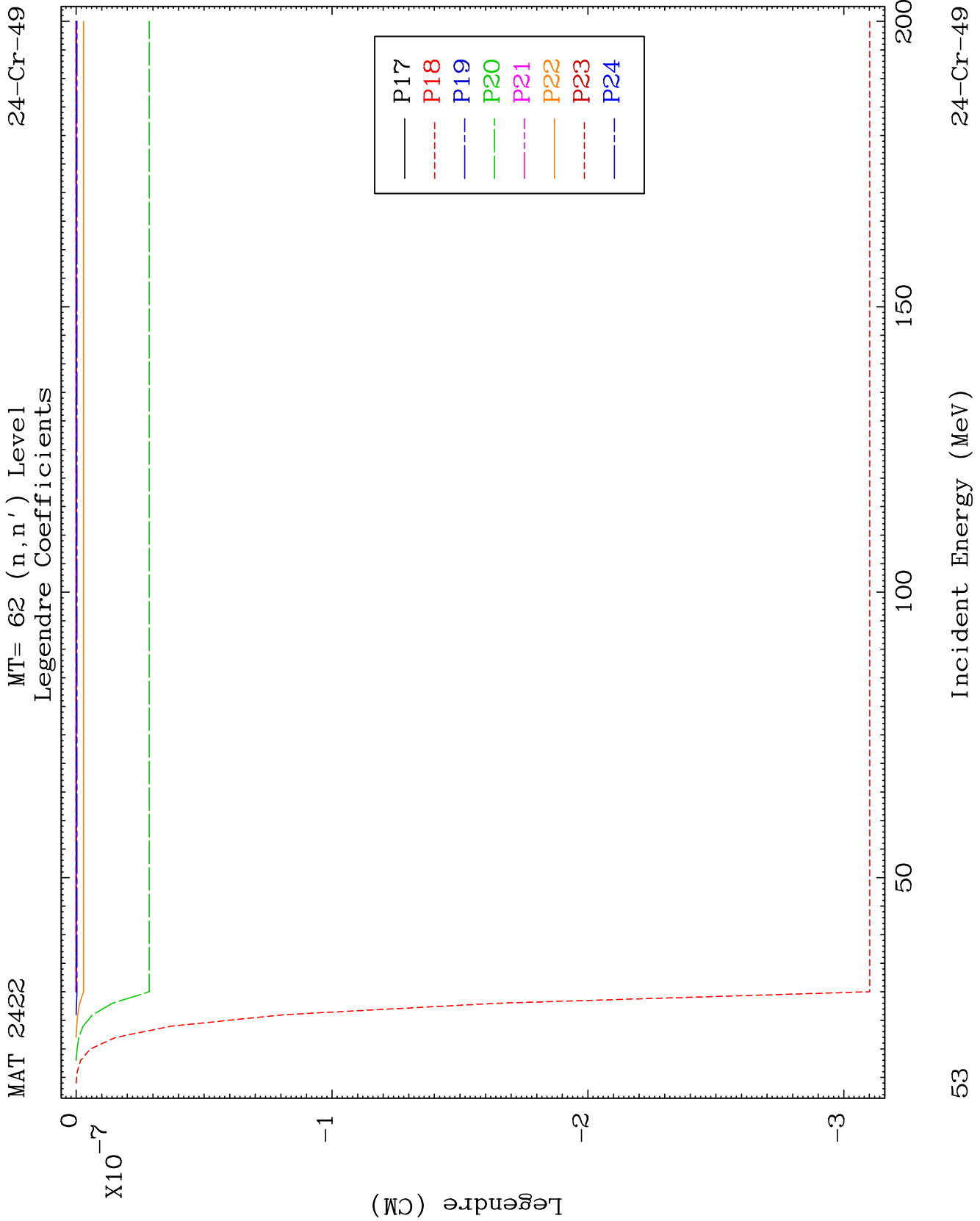
24-Cr-49

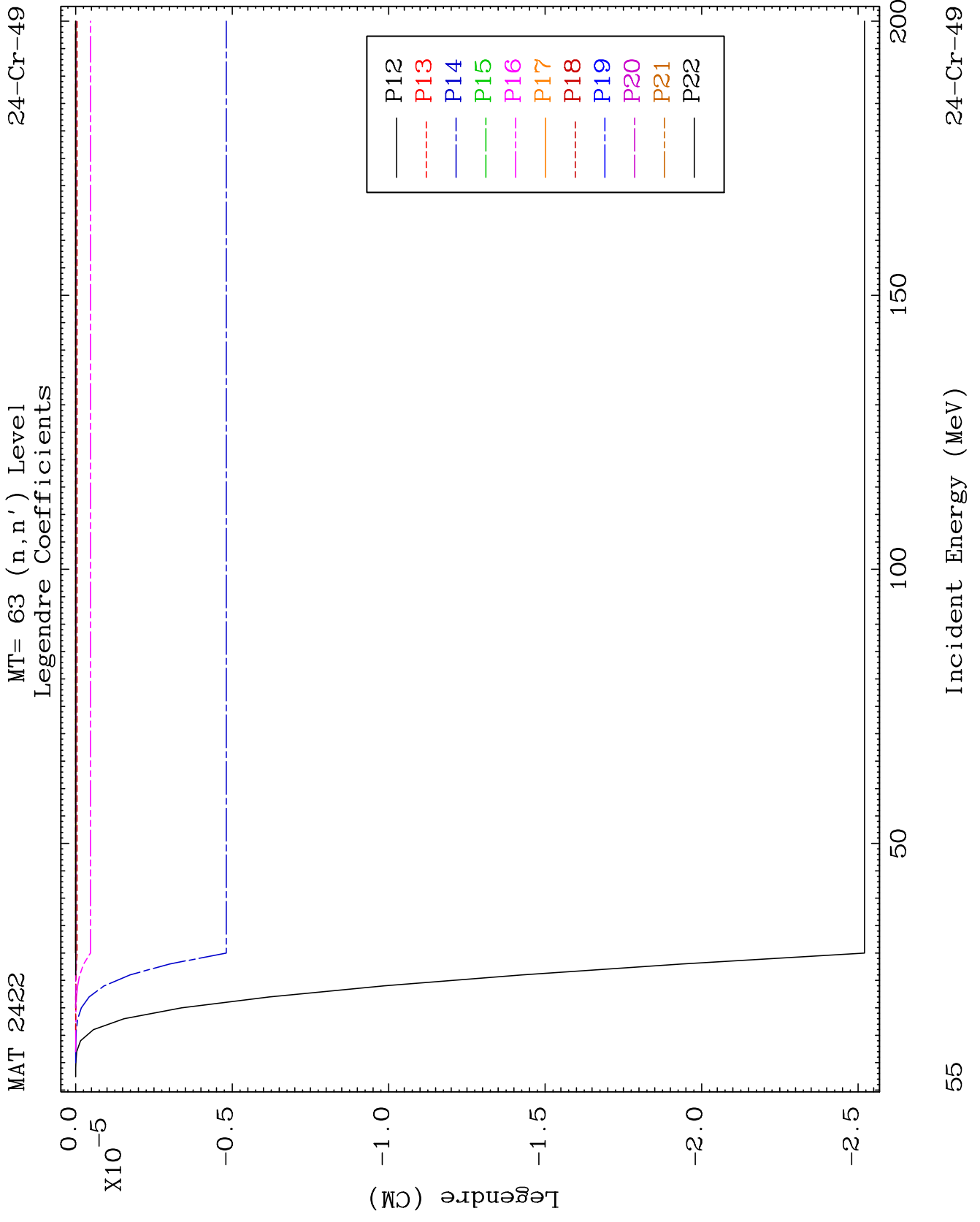


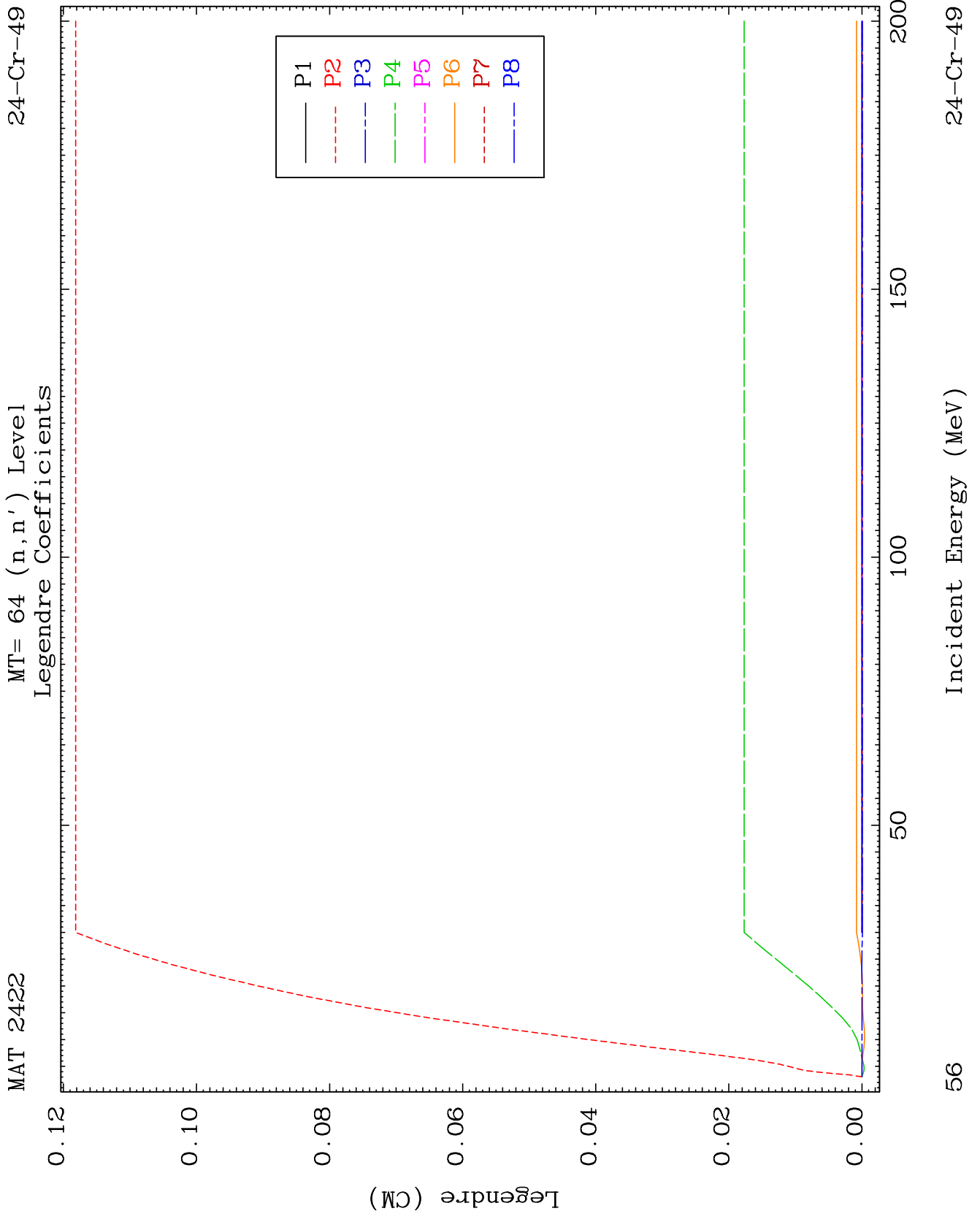
52

Incident Energy (MeV)

24-Cr-49



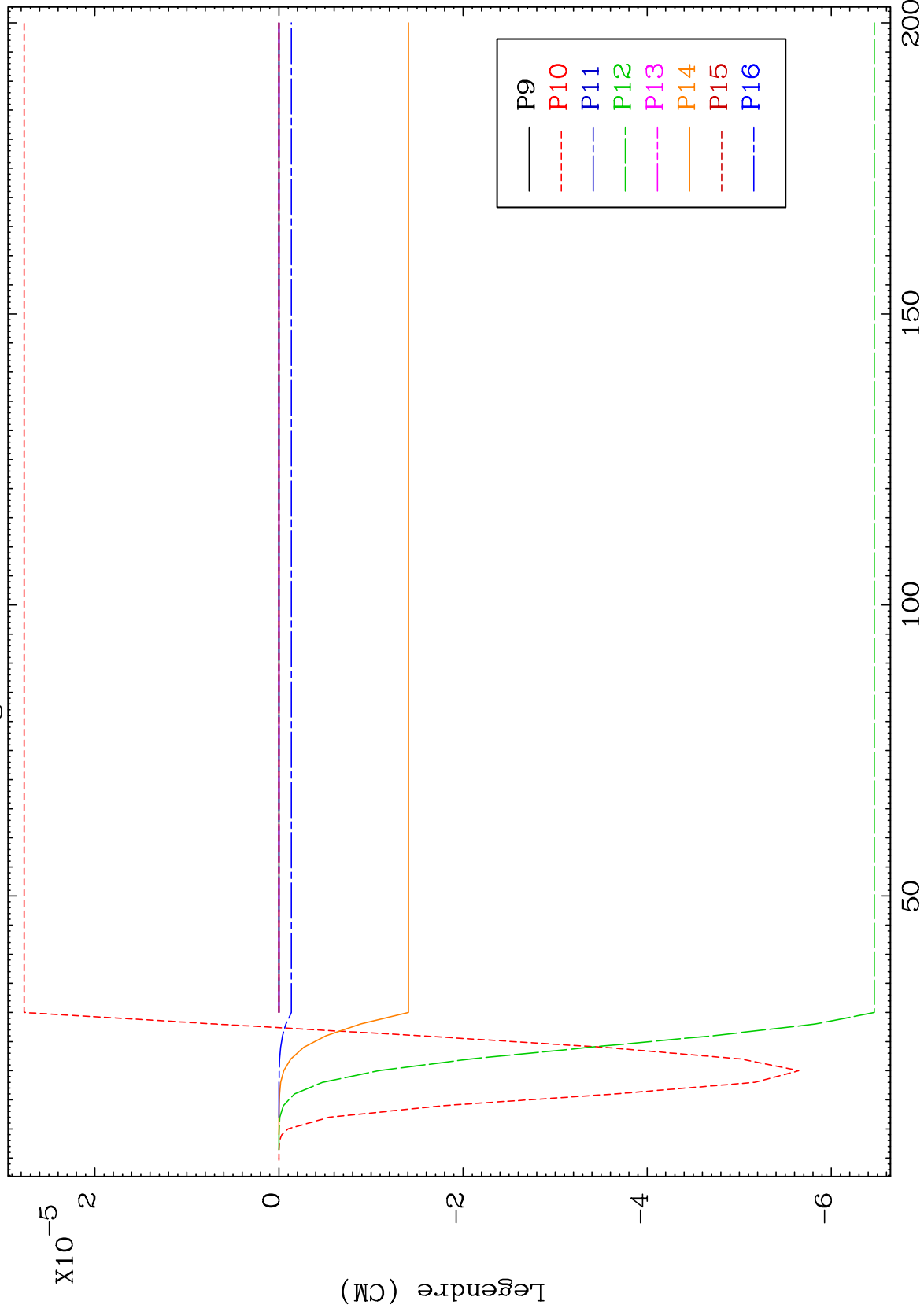




MAT 2422

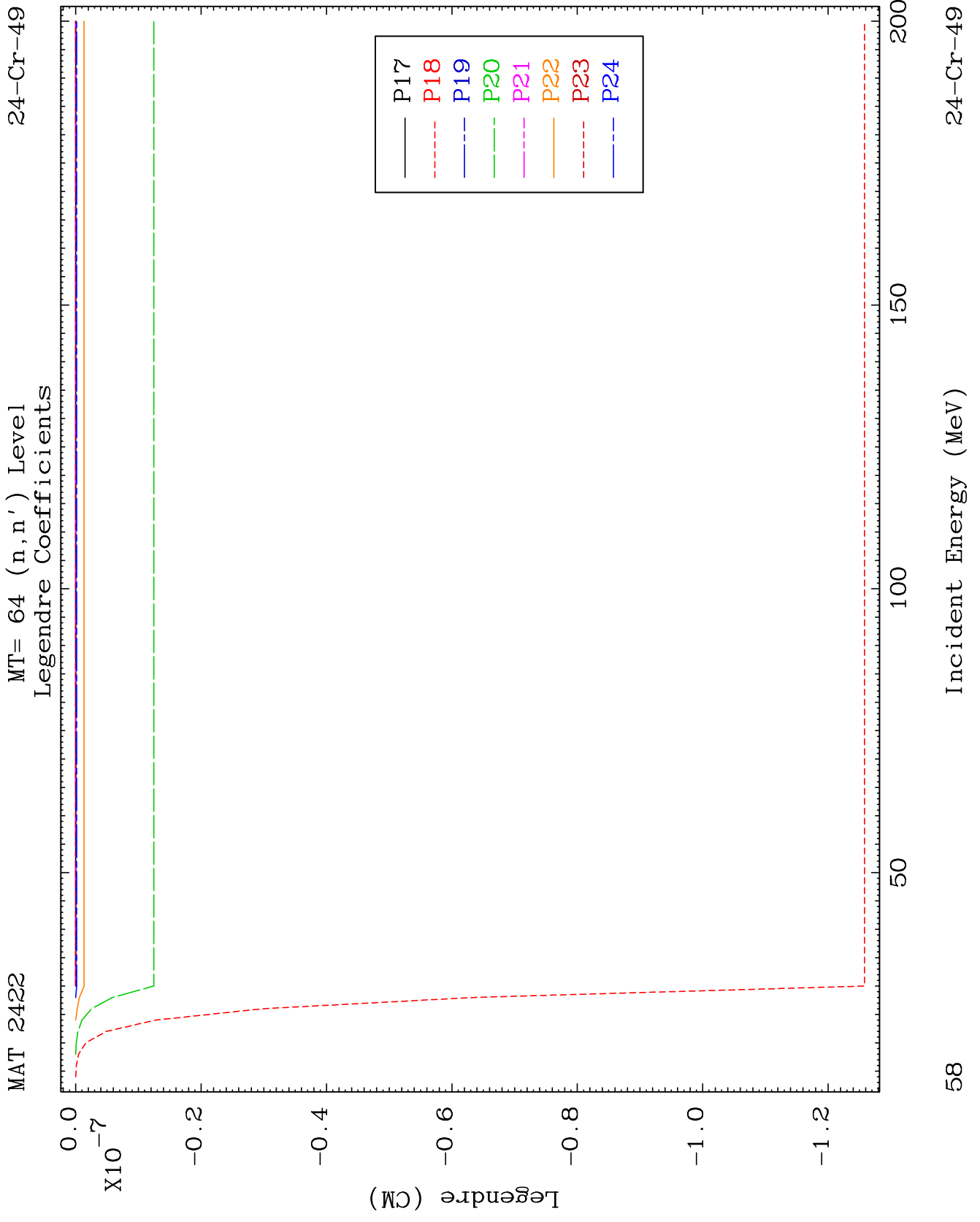
MT= 64 (n,n') Level
Legendre Coefficients

24-Cr-49



57

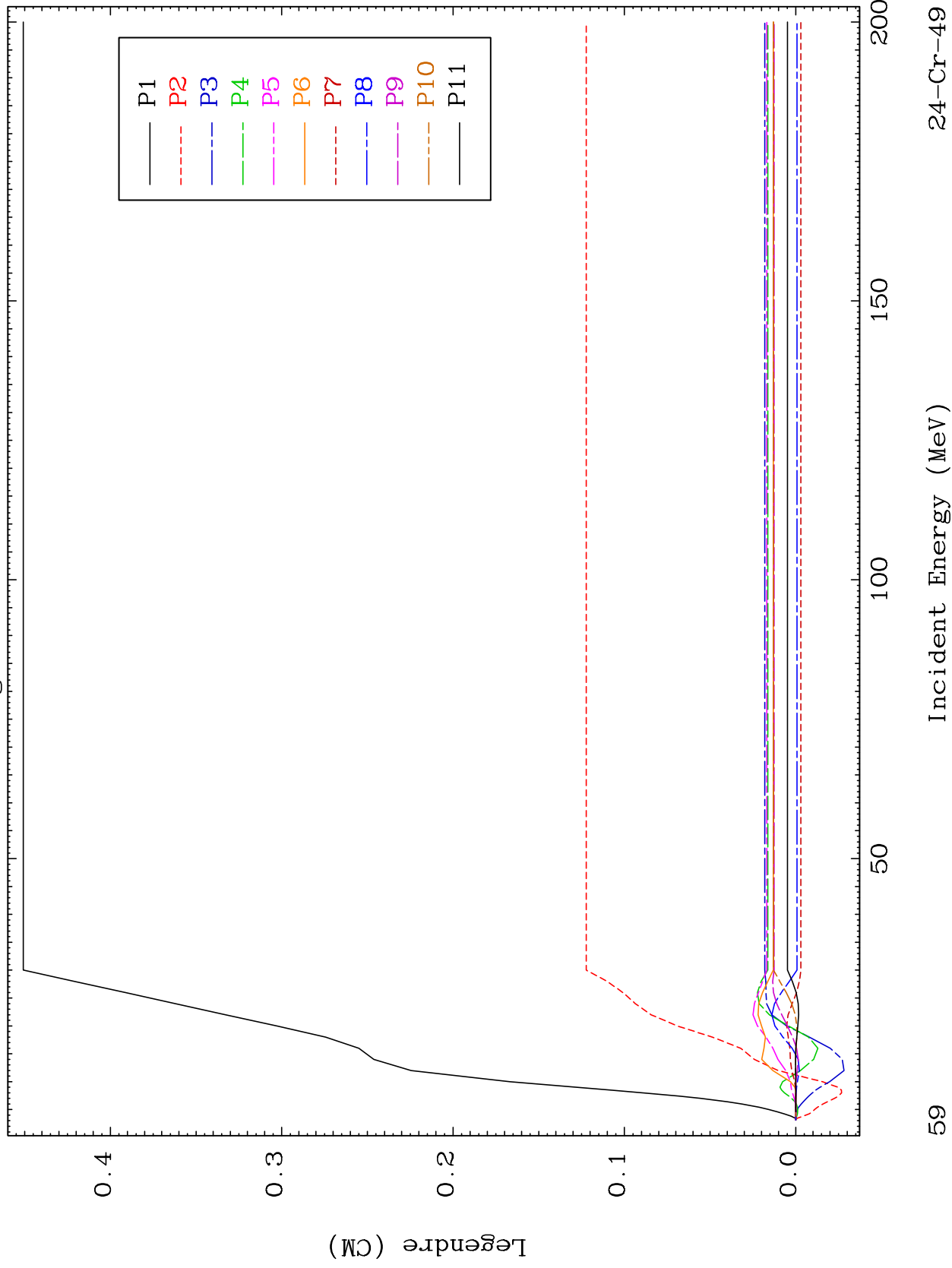
24-Cr-49



MAT 2422

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

24-Cr-49



59

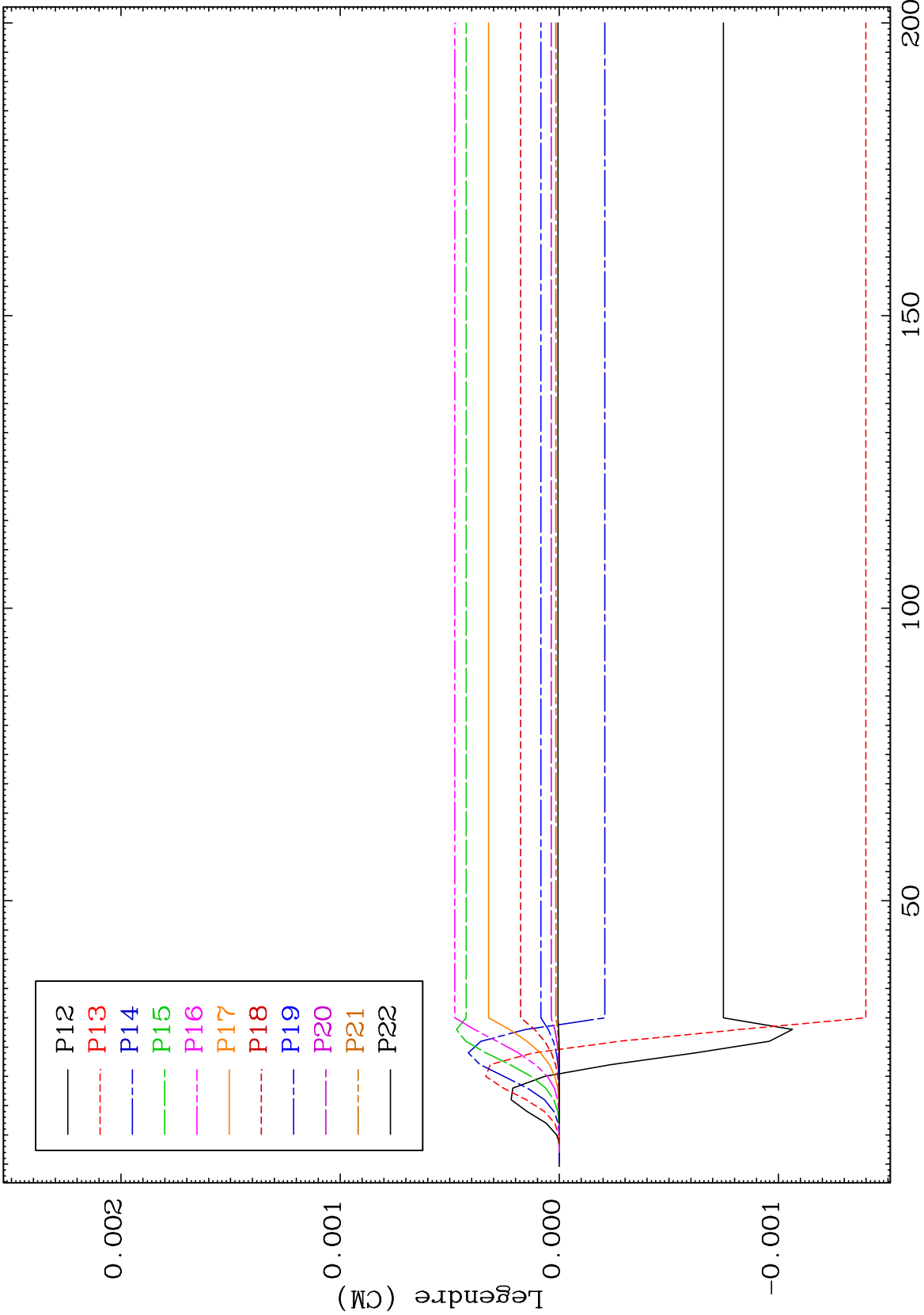
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



60

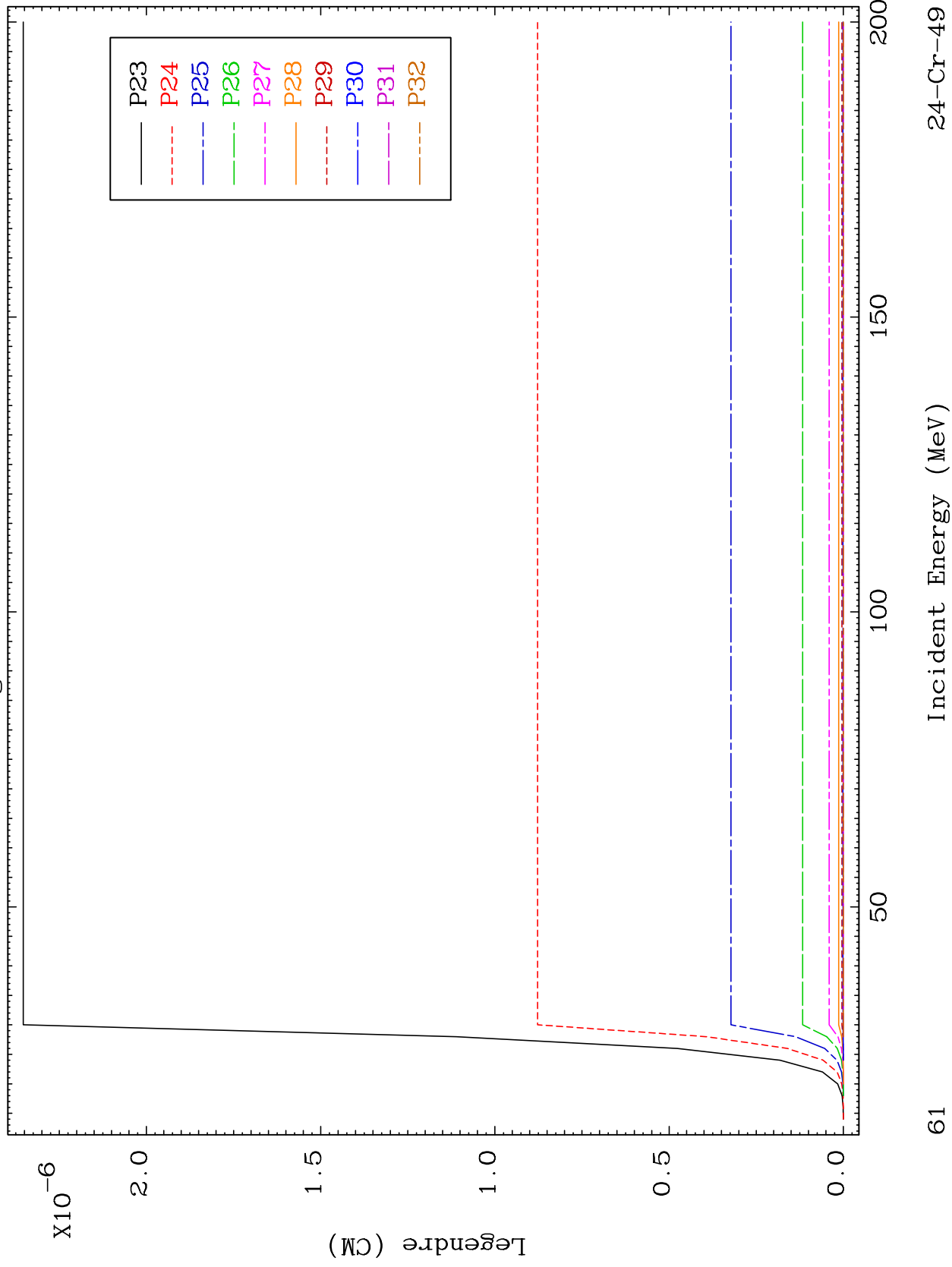
Incident Energy (MeV)

24-Cr-49

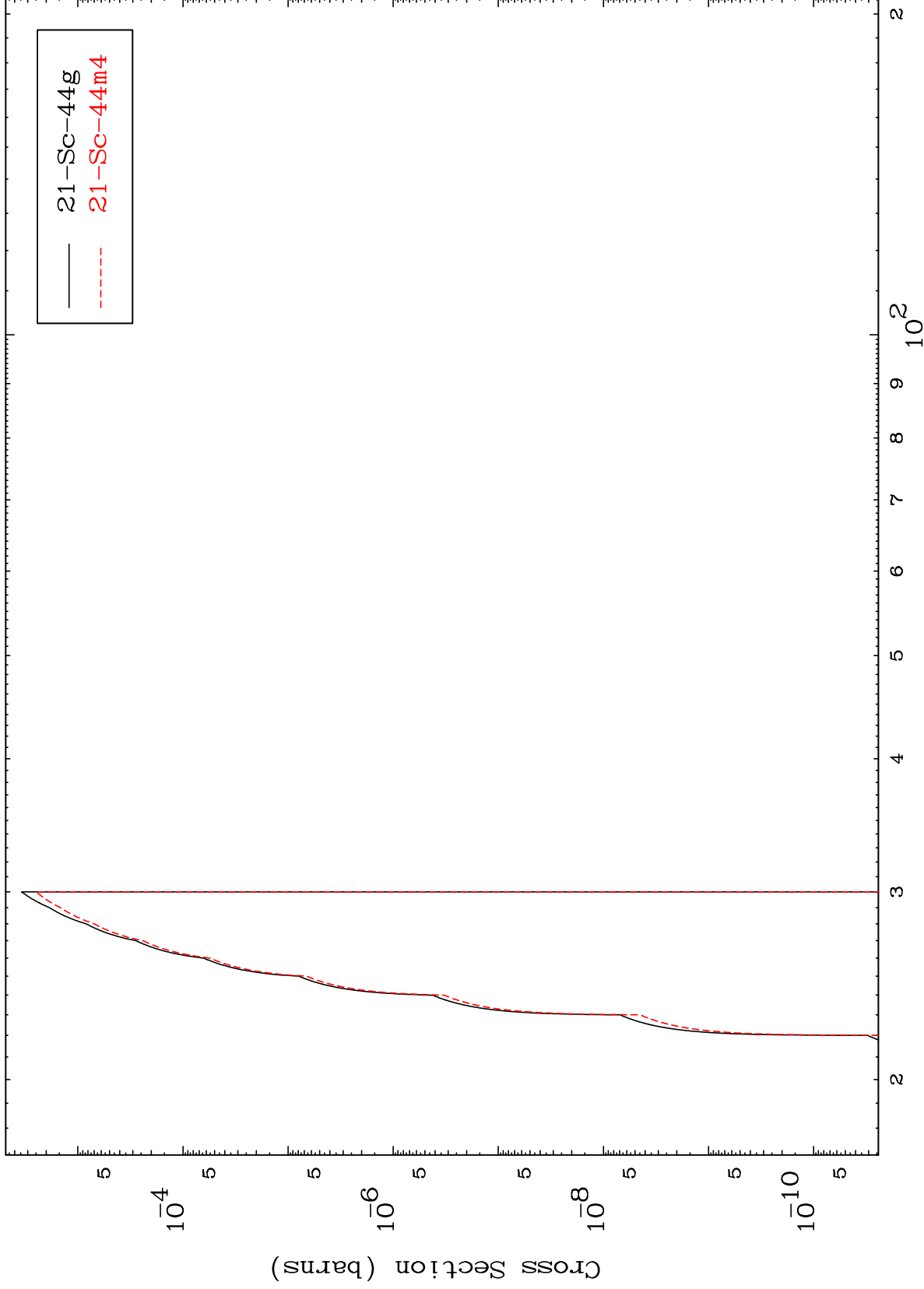
MAT 2422

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

24-Cr-49



Radionuclide Production Cross Section

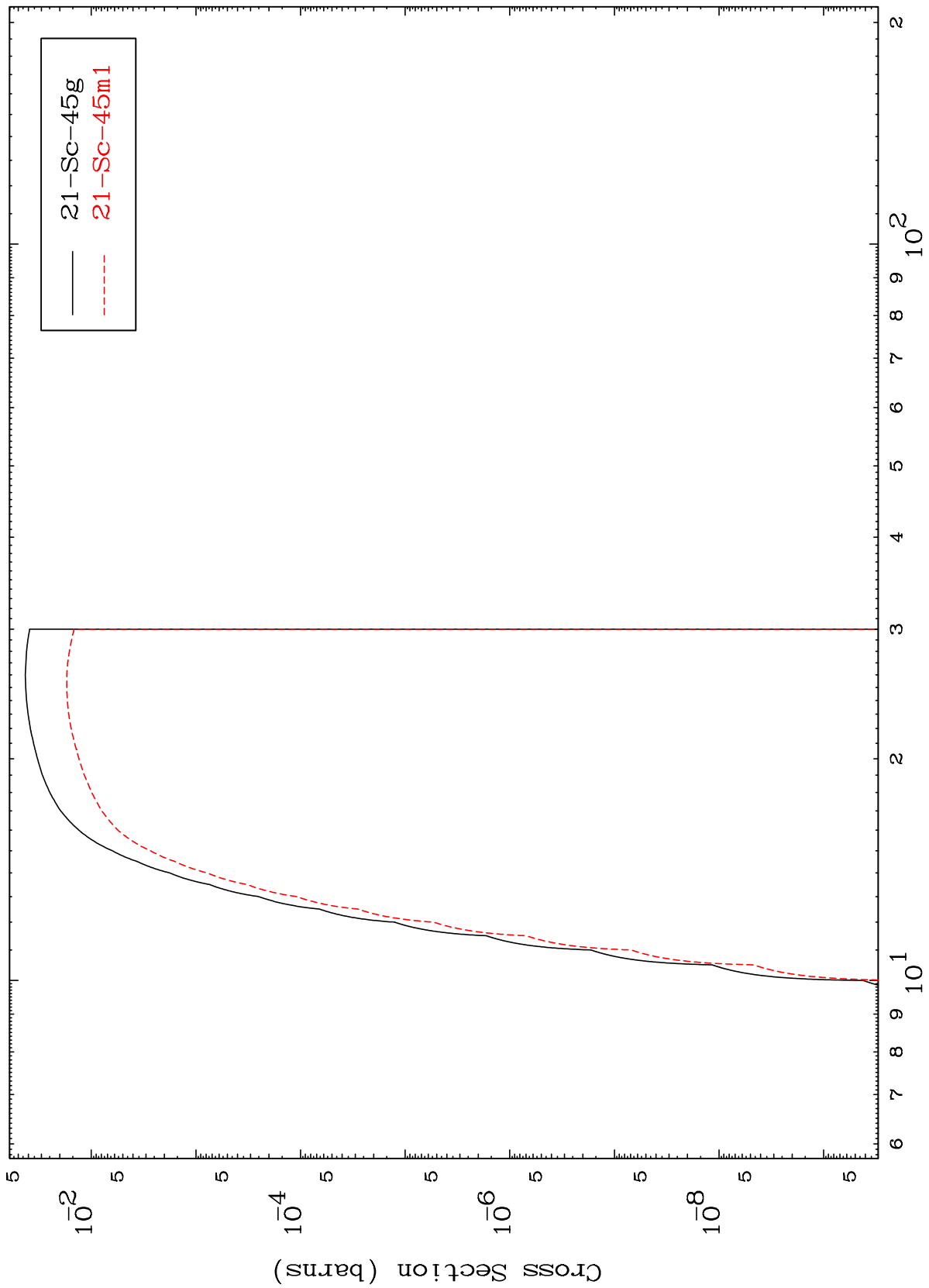


MAT 2422

(n,p) α

$^{24}\text{Cr-49}$

Radionuclide Production Cross Section



63

Incident Energy (MeV)

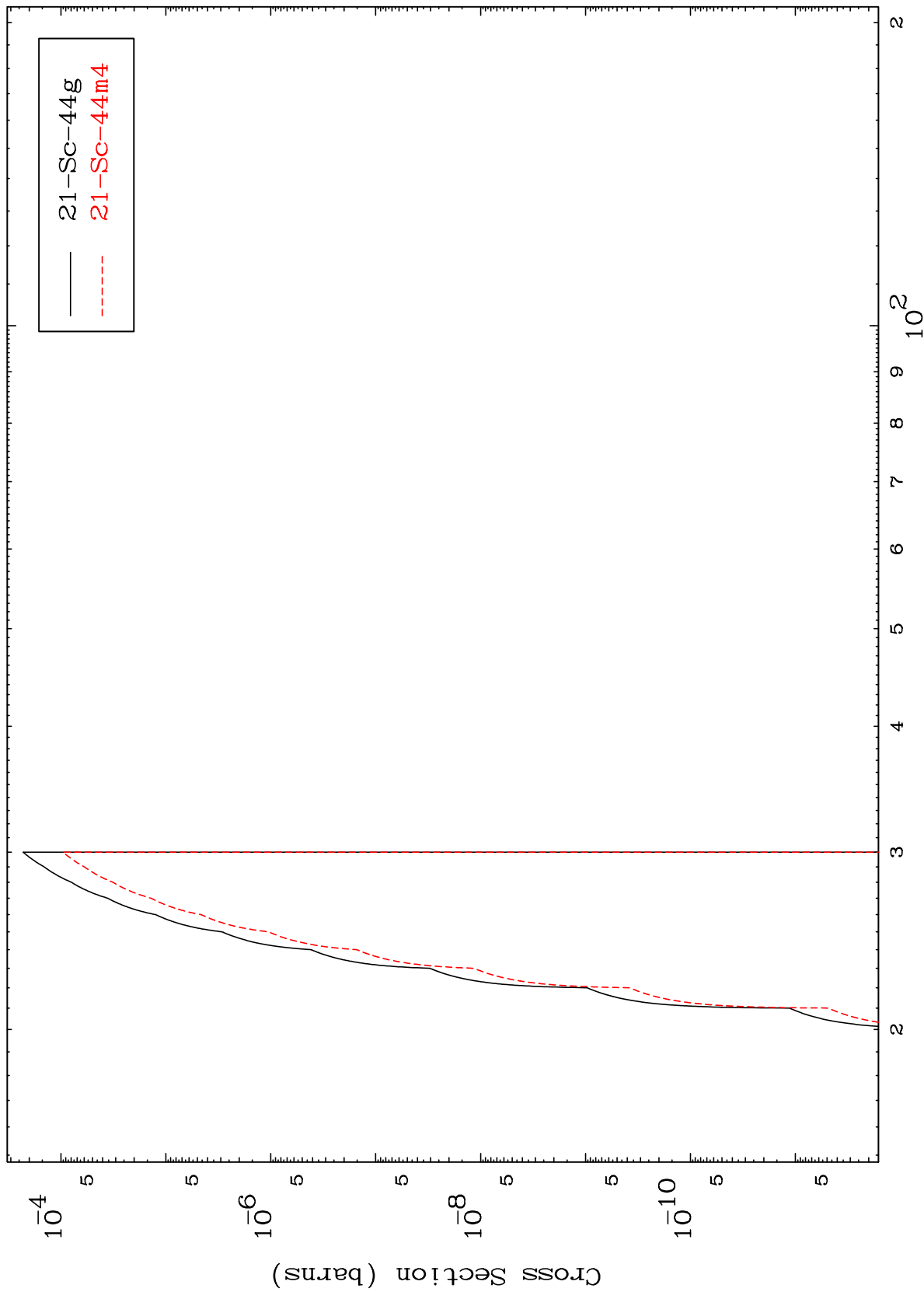
$^{24}\text{Cr-49}$

MAT 2422

(n,d) α

24-Cr-49

Radionuclide Production Cross Section



64

Incident Energy (MeV)

24-Cr-49