

Program EVALPLOT
(Version 2017-1)

by

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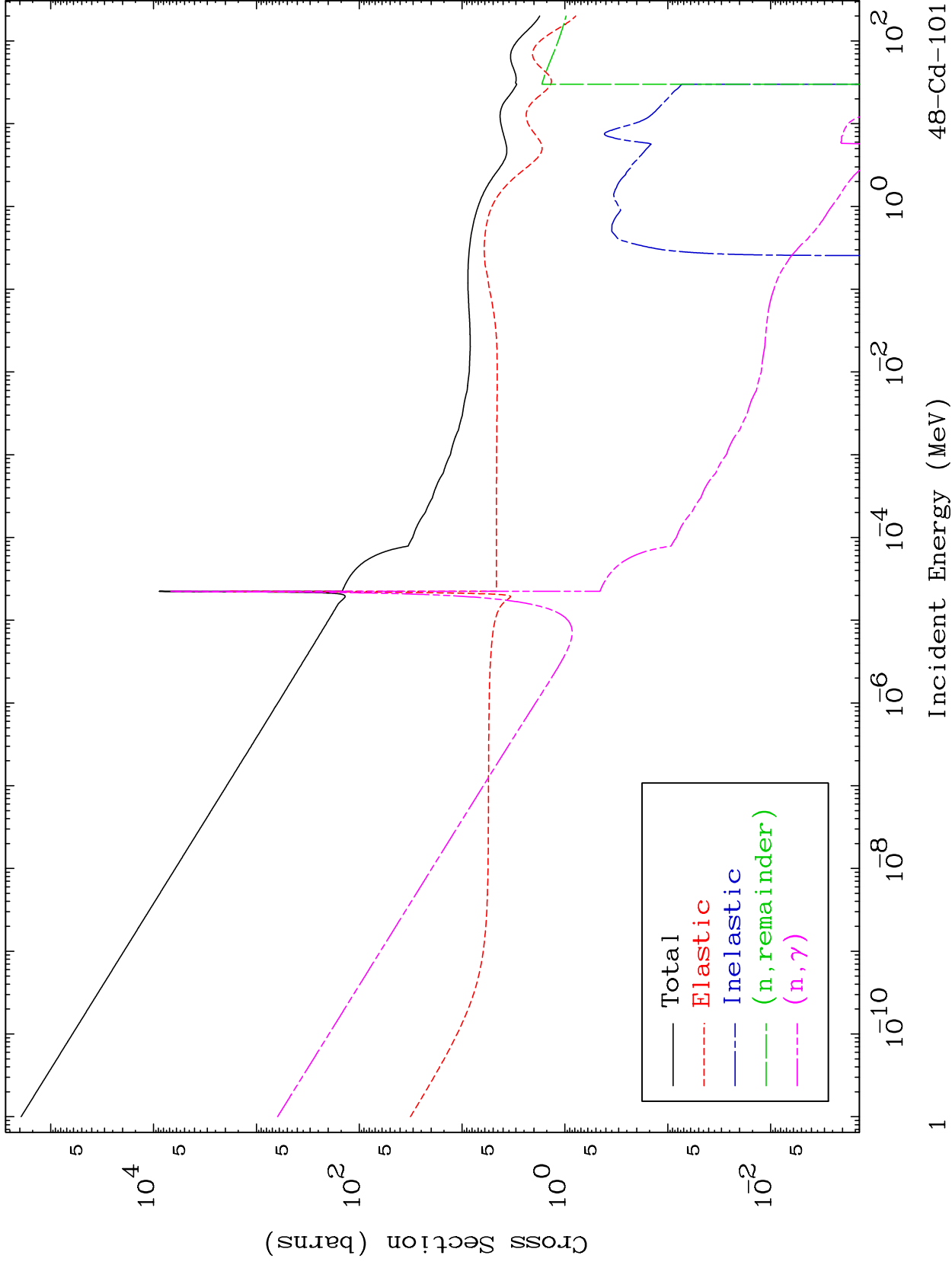
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4810

Major
293 Kelvin Cross Sections

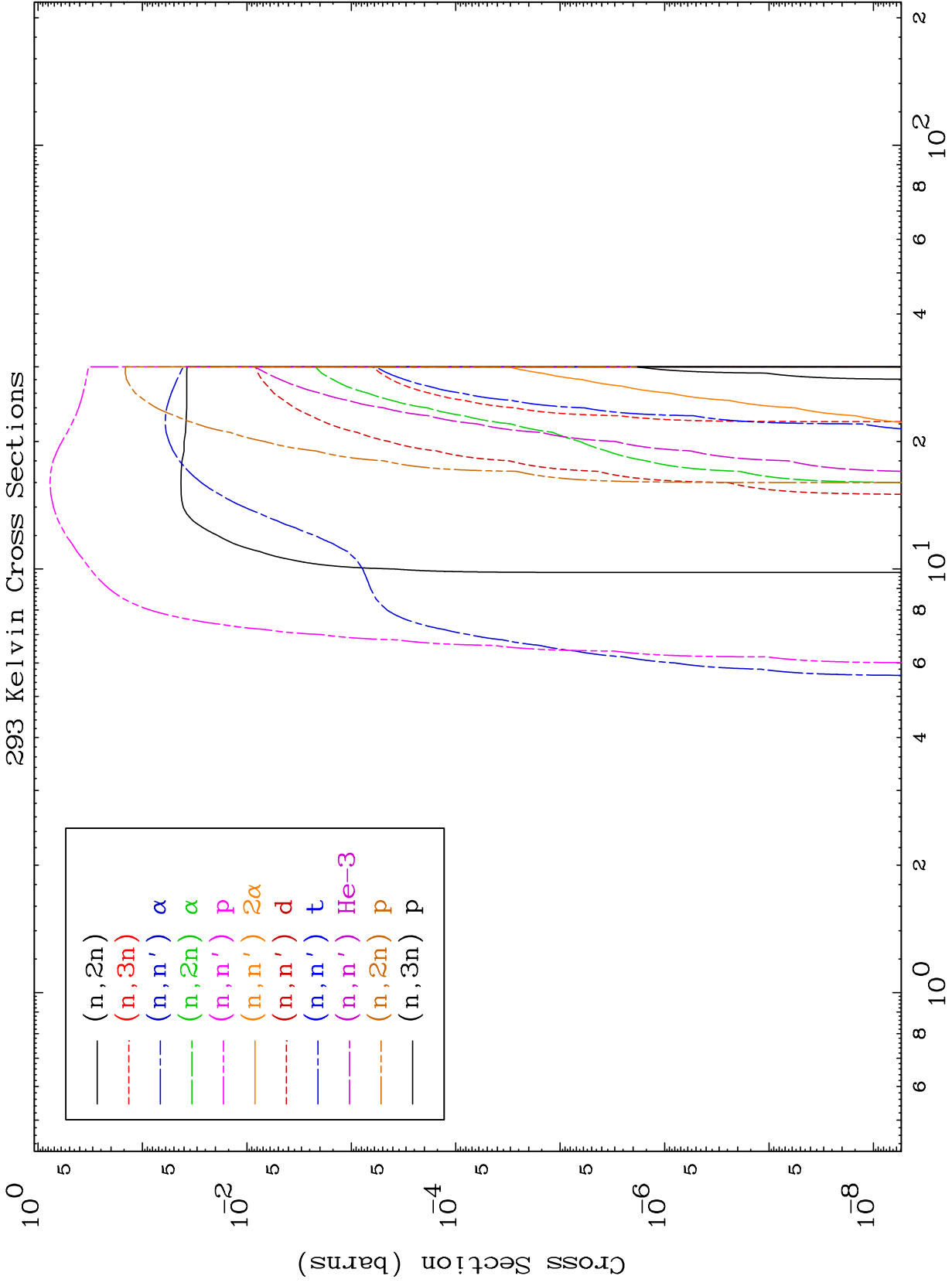
48-Cd-101



MAT 4810

Neutron Production
293 Kelvin Cross Sections

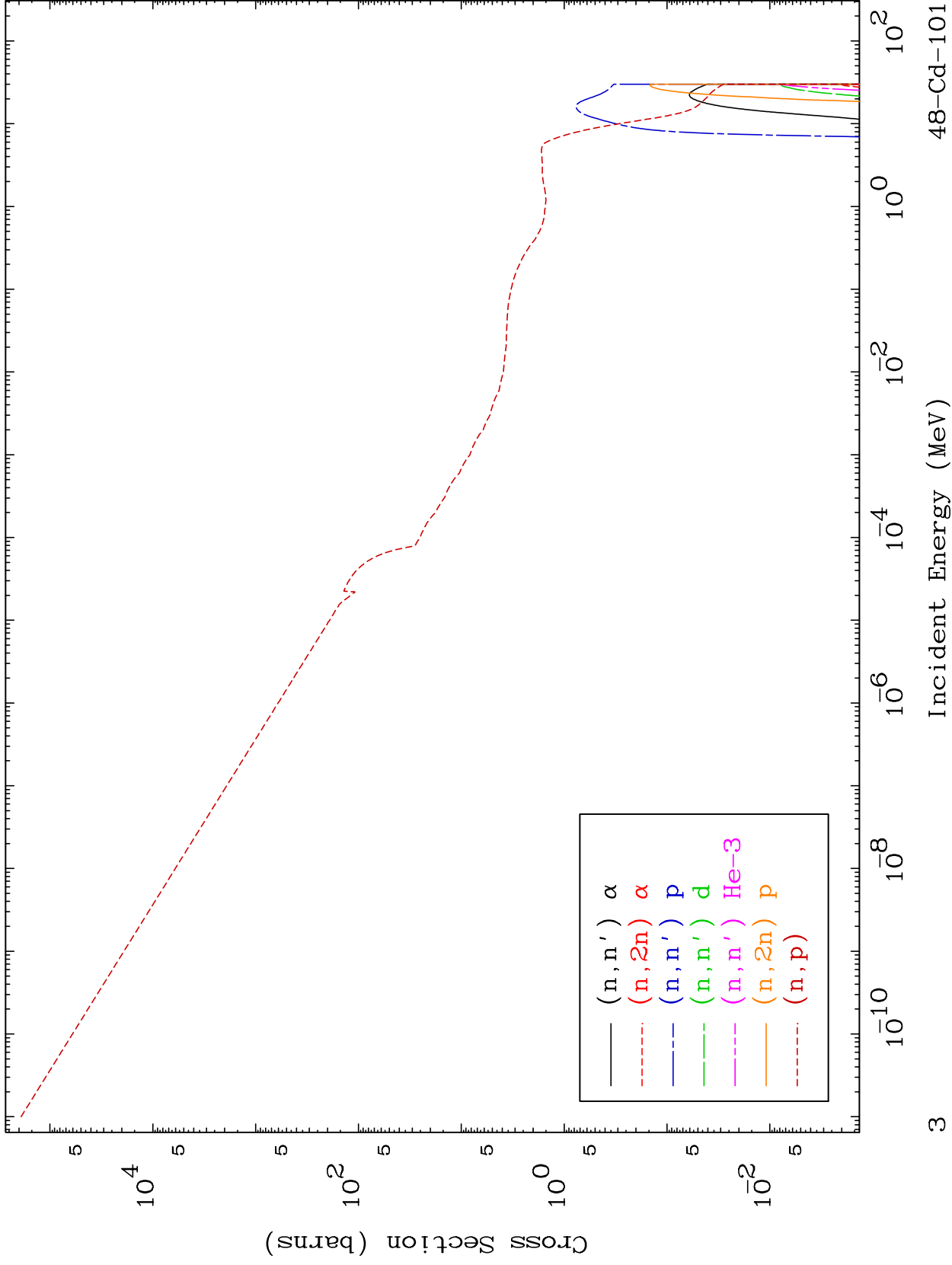
48-Cd-101



MAT 4810

Charged Particle
293 Kelvin Cross Sections

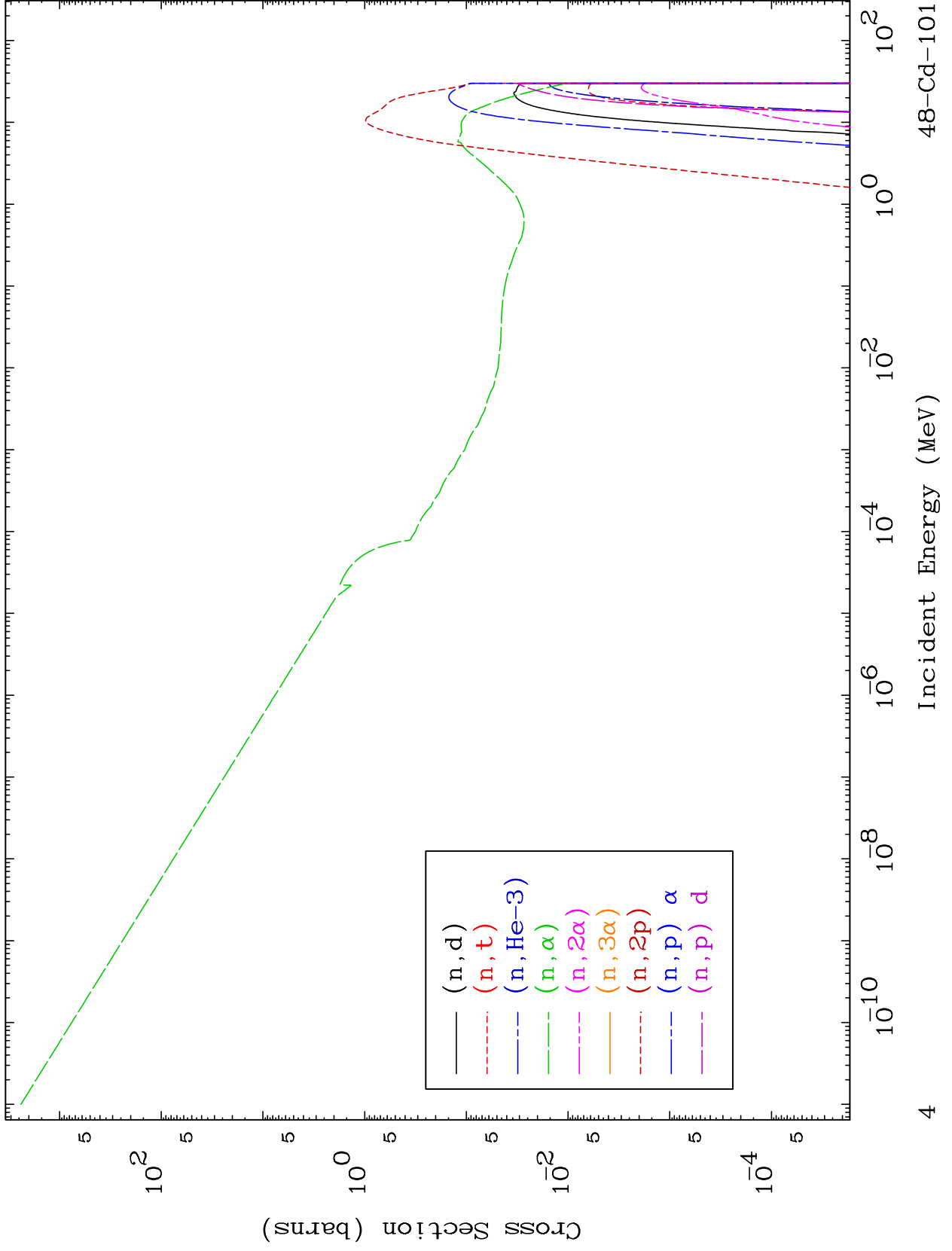
48-Cd-101

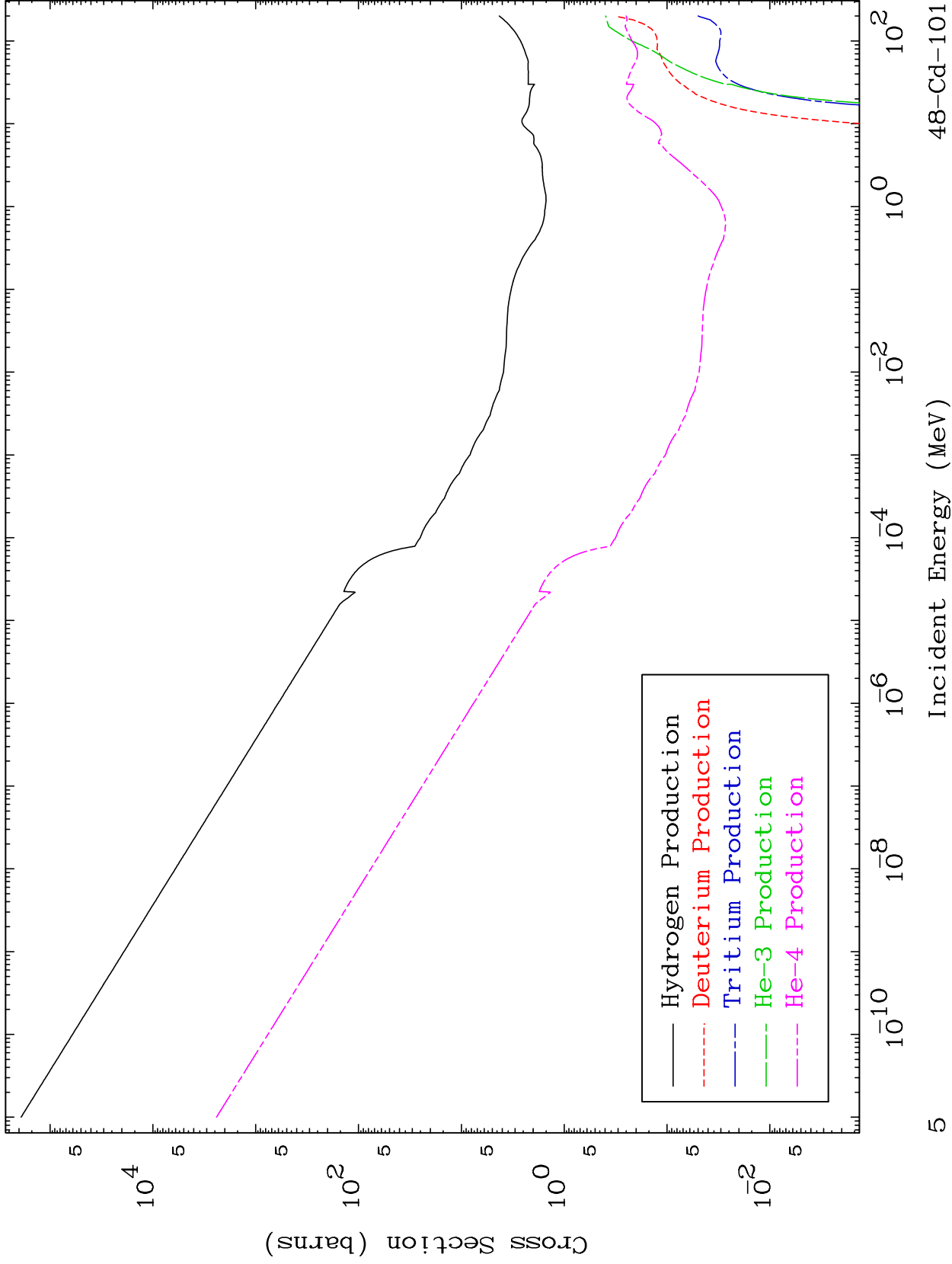


MAT 4810

Charged Particle
293 Kelvin Cross Sections

48-Cd-101



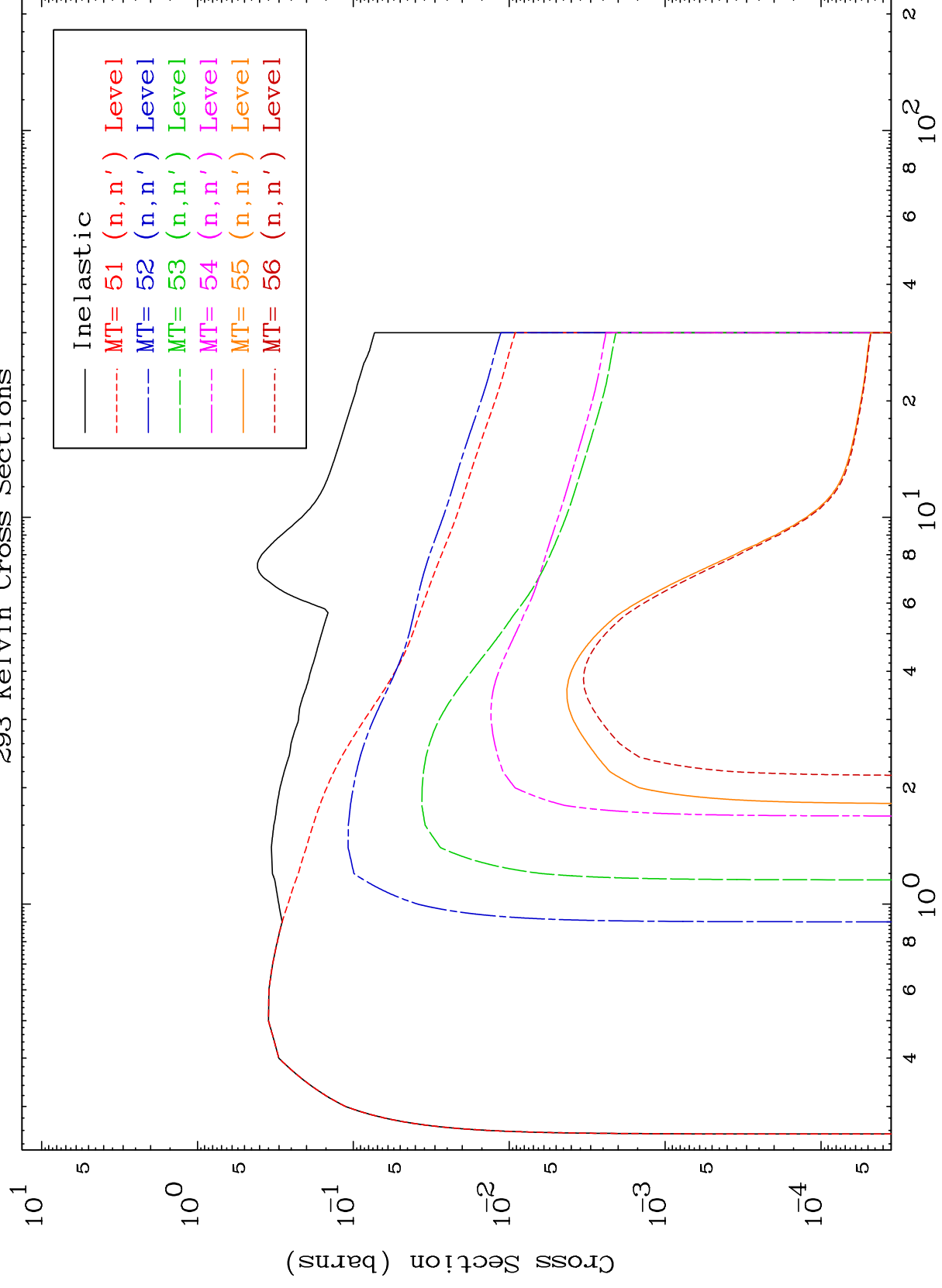


MAT 4810

(n,n') Level

48-Cd-101

293 Kelvin Cross Sections



6

Incident Energy (MeV)

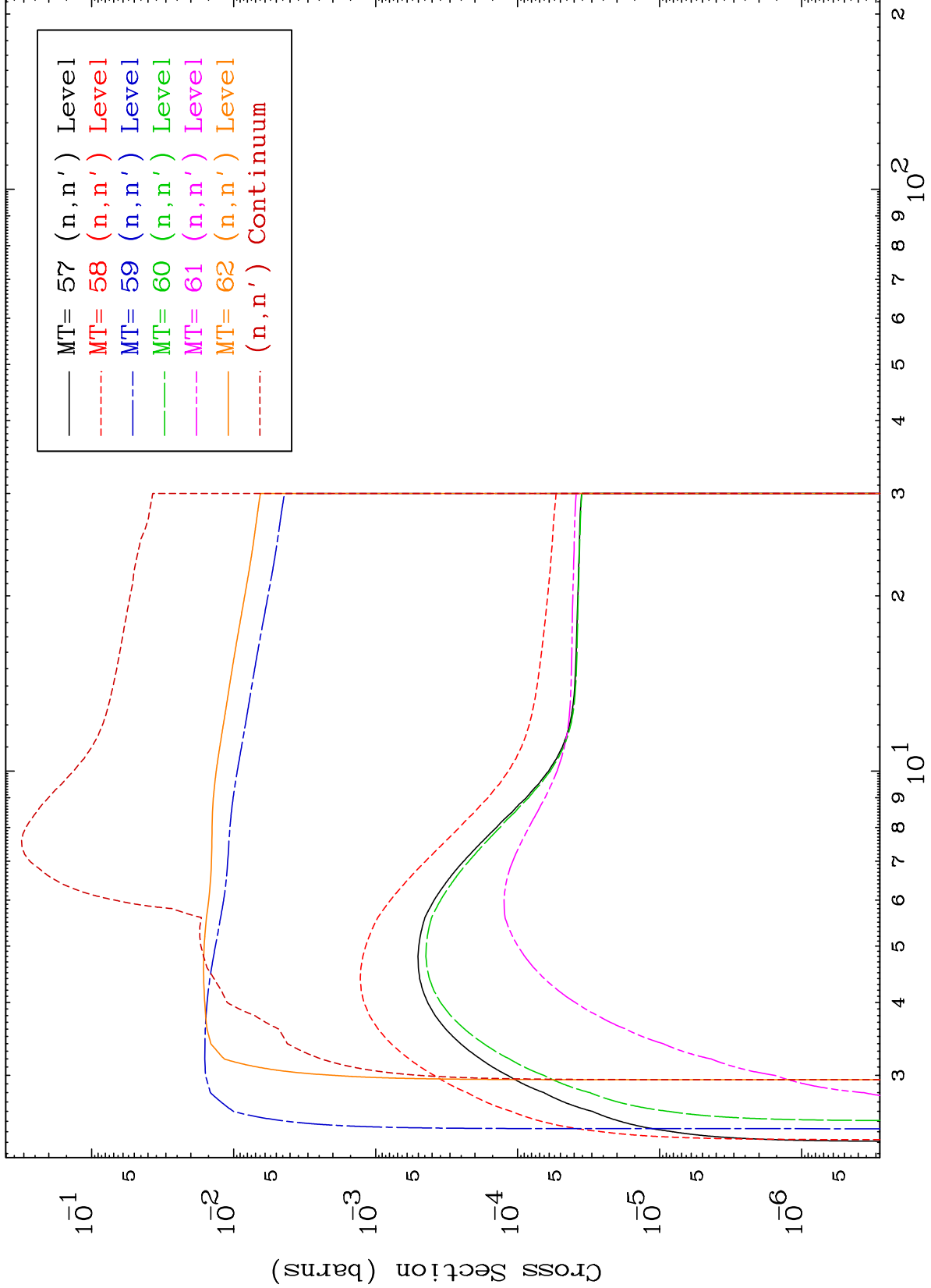
48-Cd-101

MAT 4810

(n,n') Level

48-Cd-101

293 Kelvin Cross Sections



7

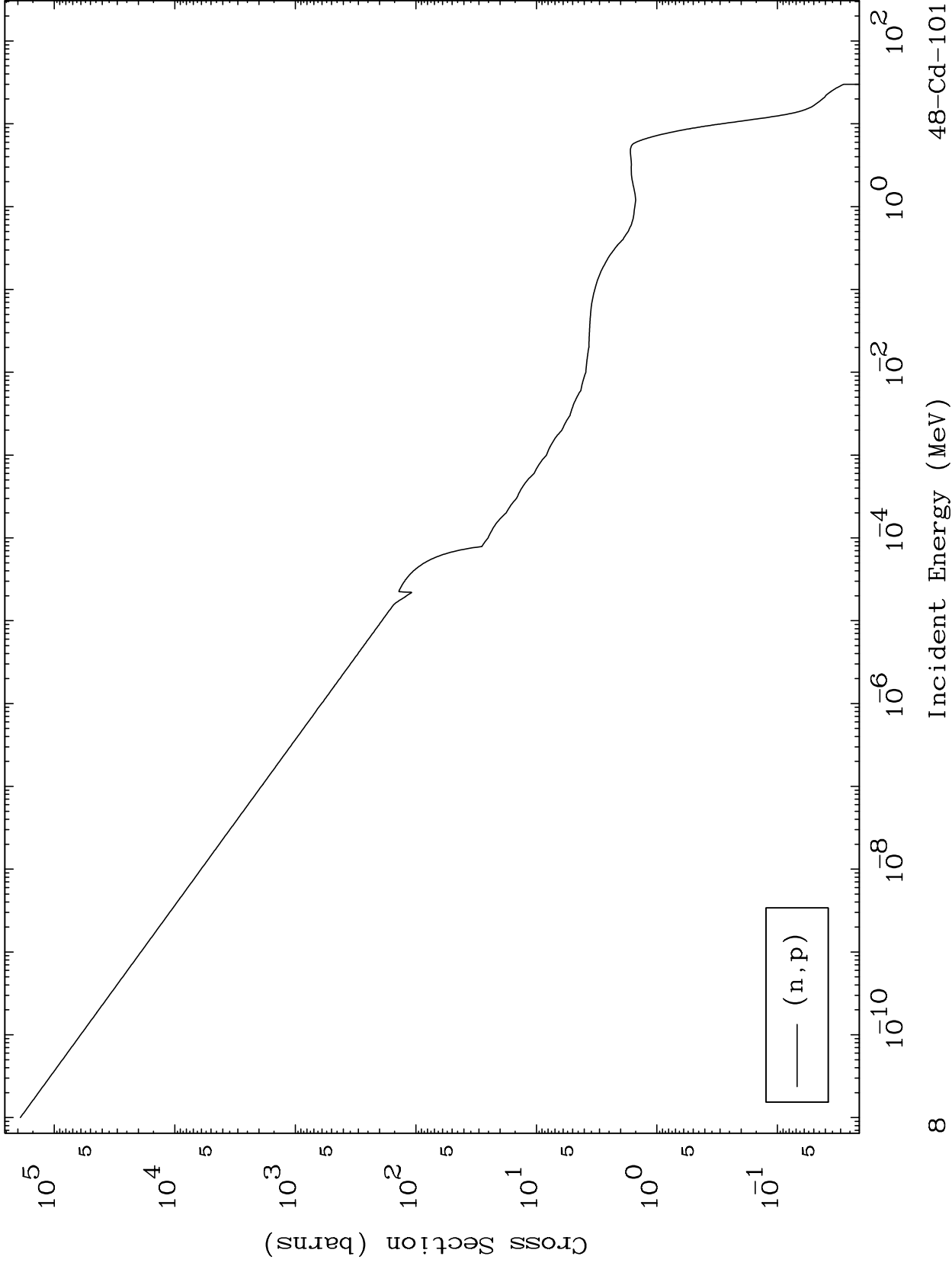
Incident Energy (MeV)

48-Cd-101

MAT 4810

(n,p) Levels
293 Kelvin Cross Sections

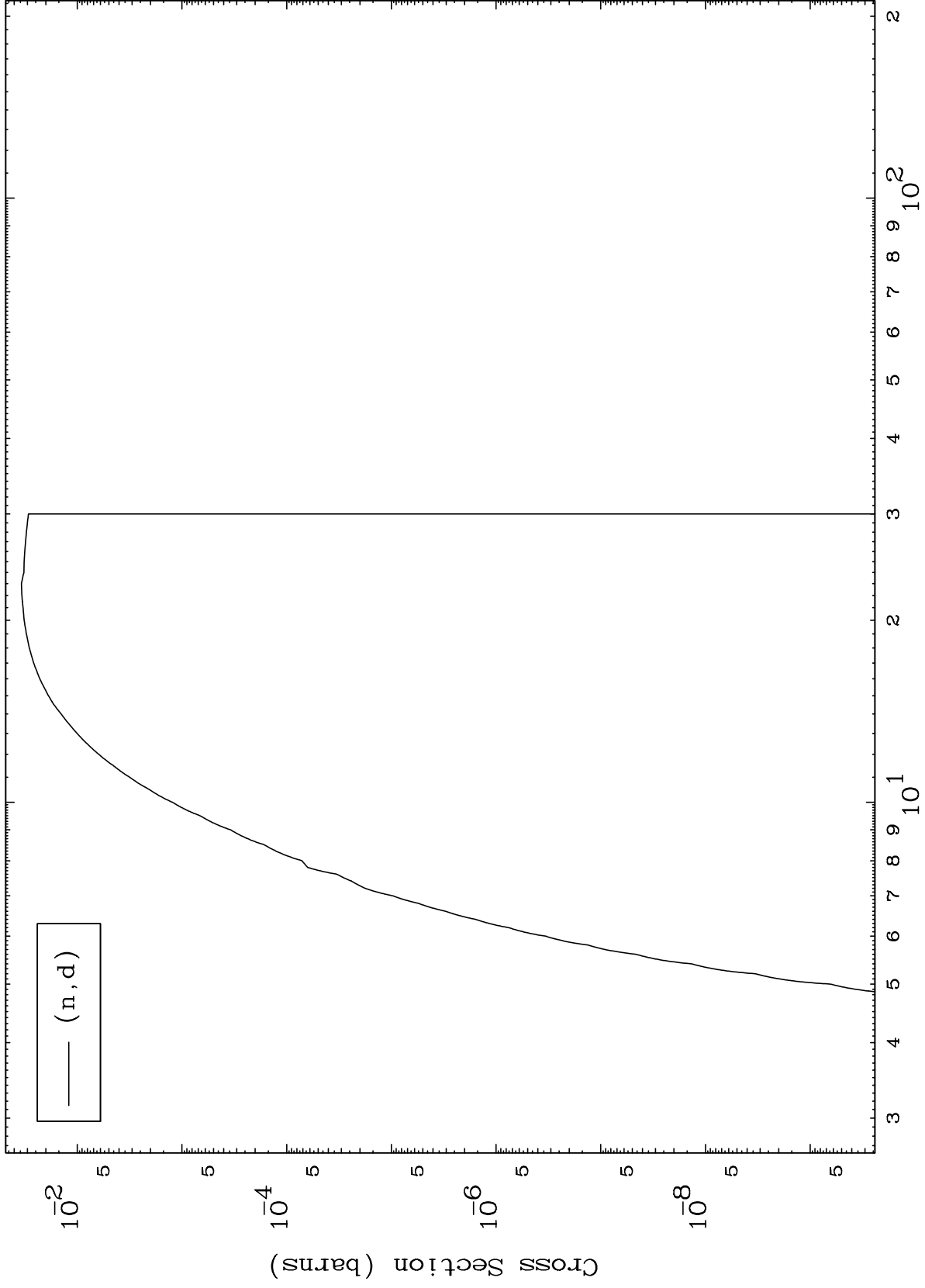
48-Cd-101



MAT 4810

(n,d) Levels
293 Kelvin Cross Sections

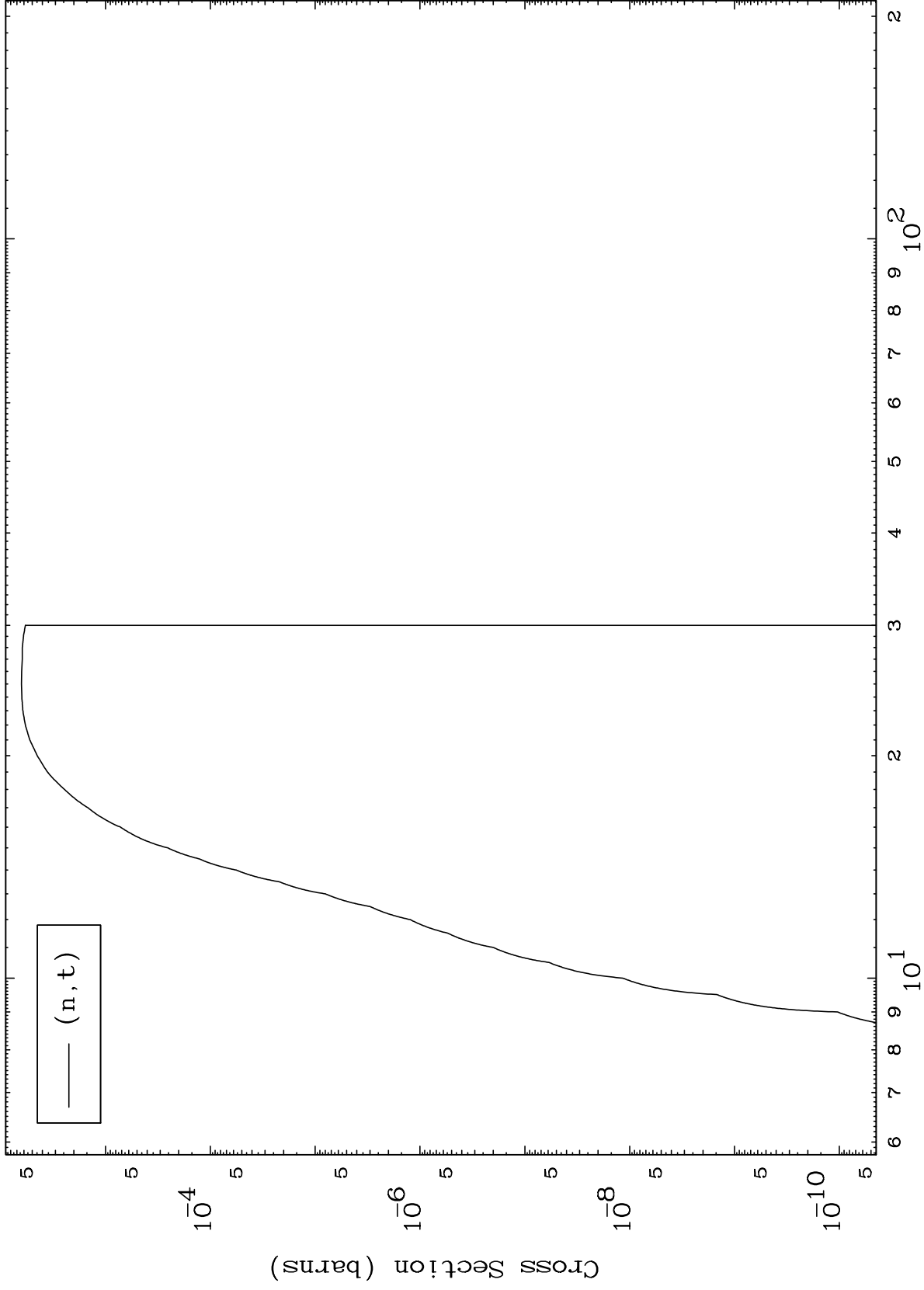
48-Cd-101



MAT 4810

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-101



10

Incident Energy (MeV)

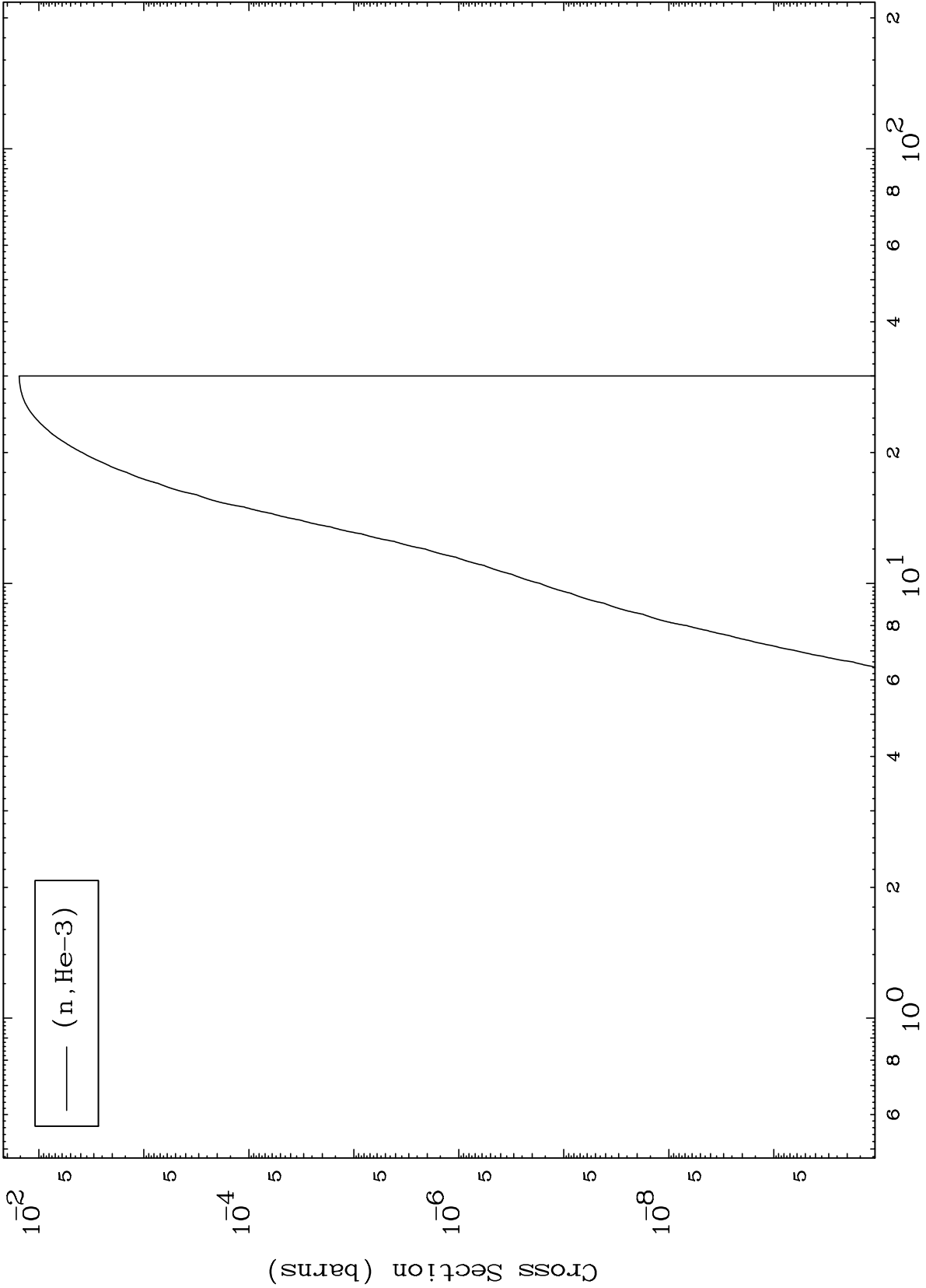
48-Cd-101

MAT 4810

(n,He3) Levels

48-Cd-101

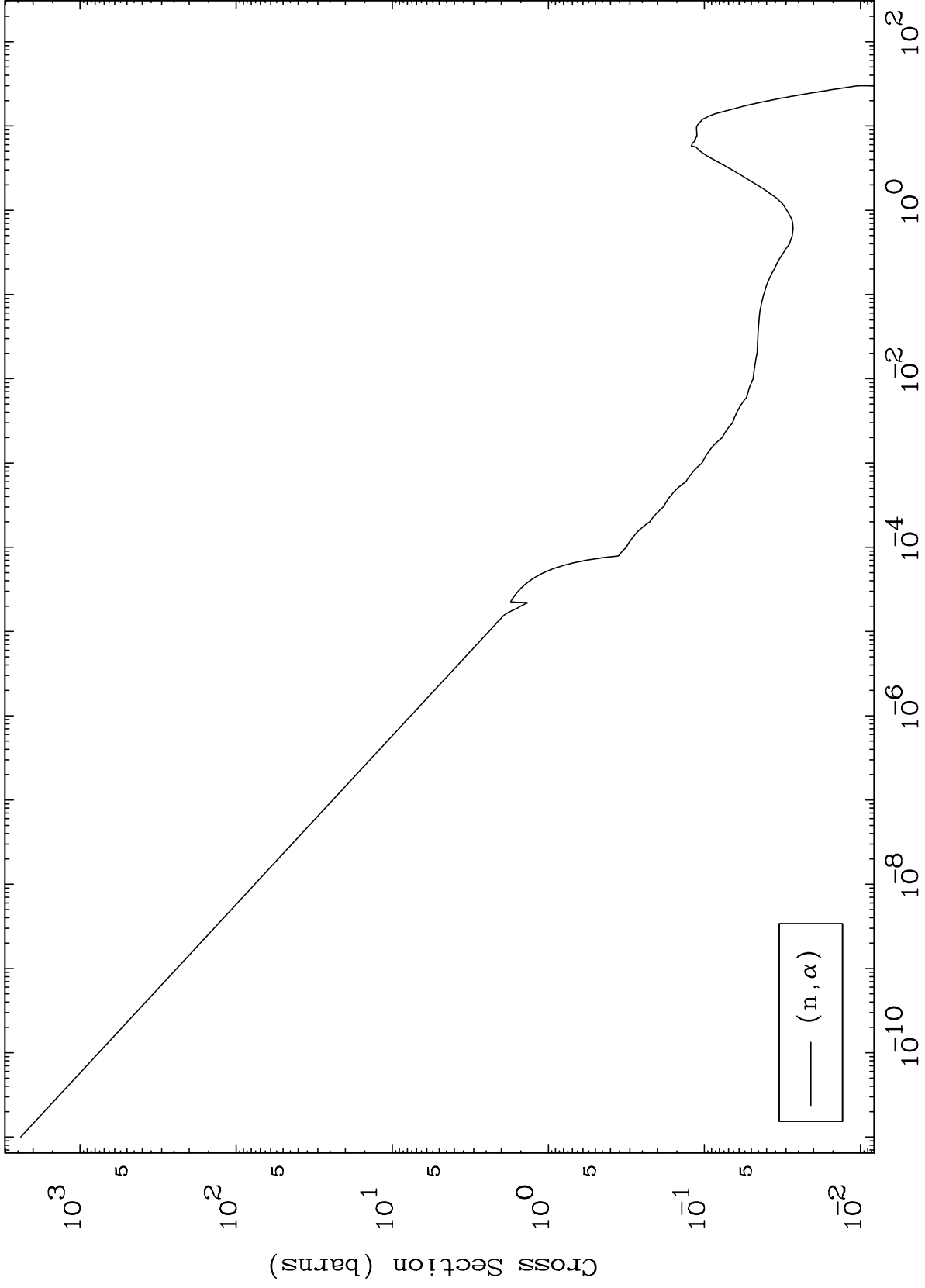
293 Kelvin Cross Sections



MAT 4810

(n,α) Levels
293 Kelvin Cross Sections

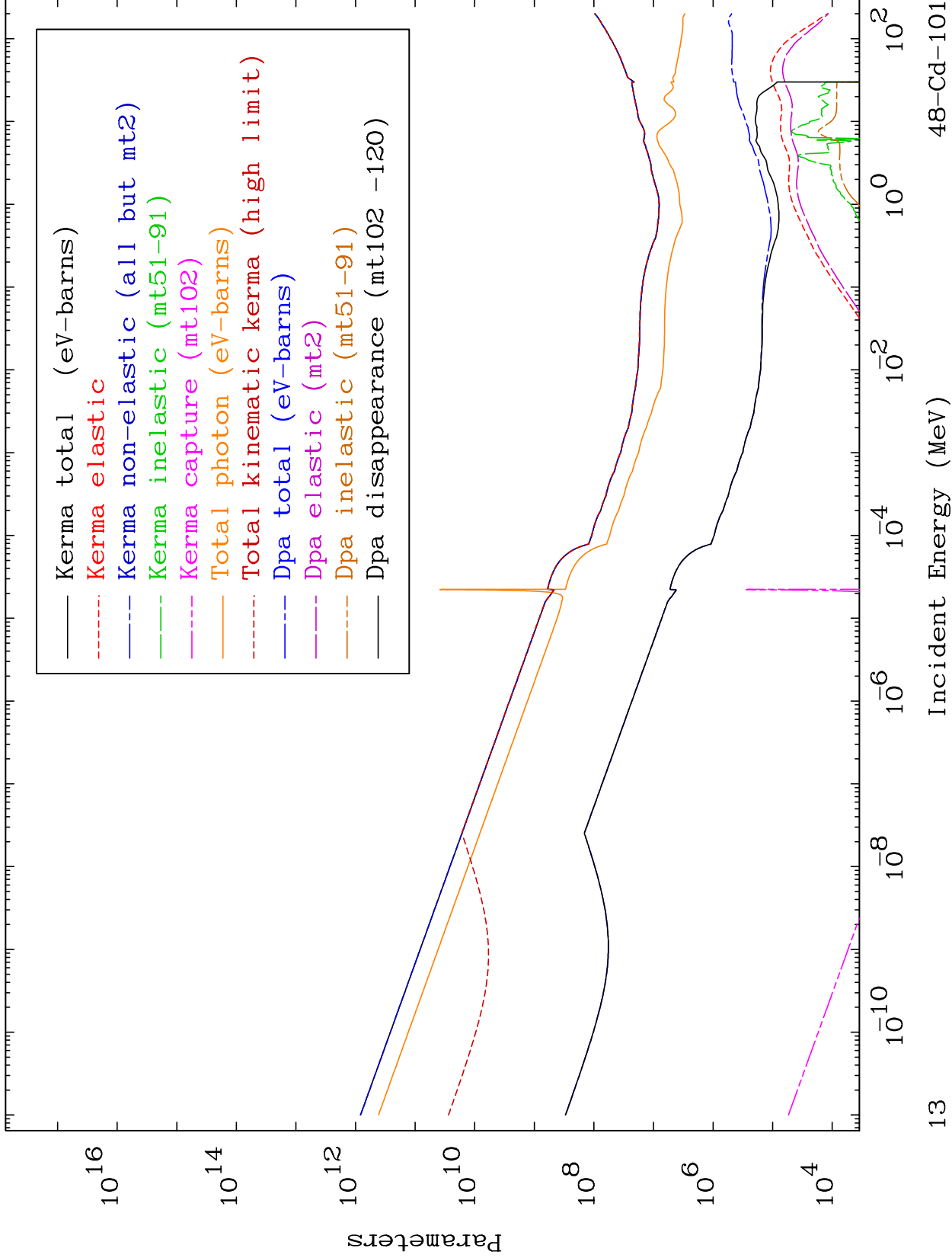
48-Cd-101



12

Incident Energy (MeV)

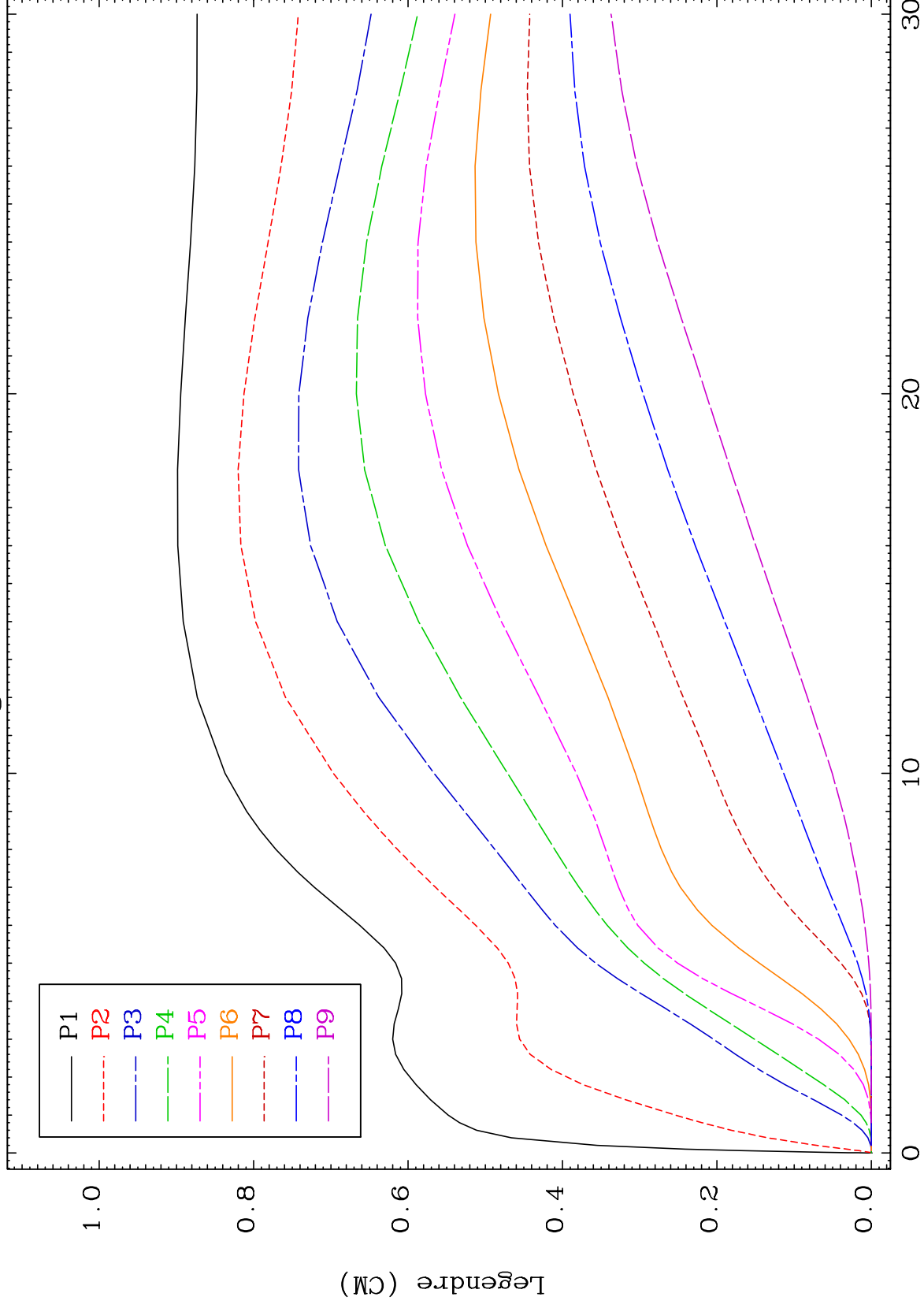
48-Cd-101



MAT 4810

Elastic Legendre Coefficients

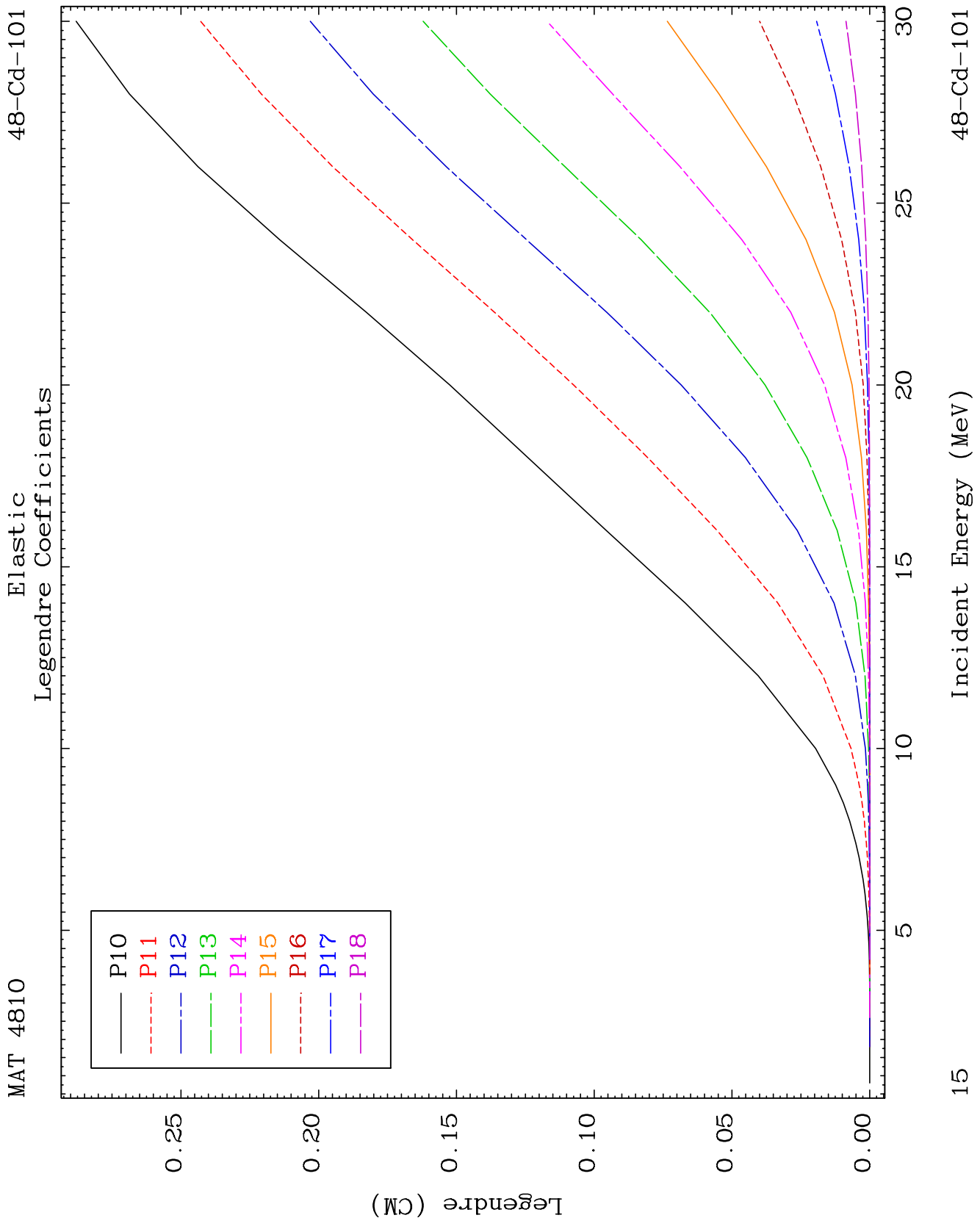
48-Cd-101



14

Incident Energy (MeV)

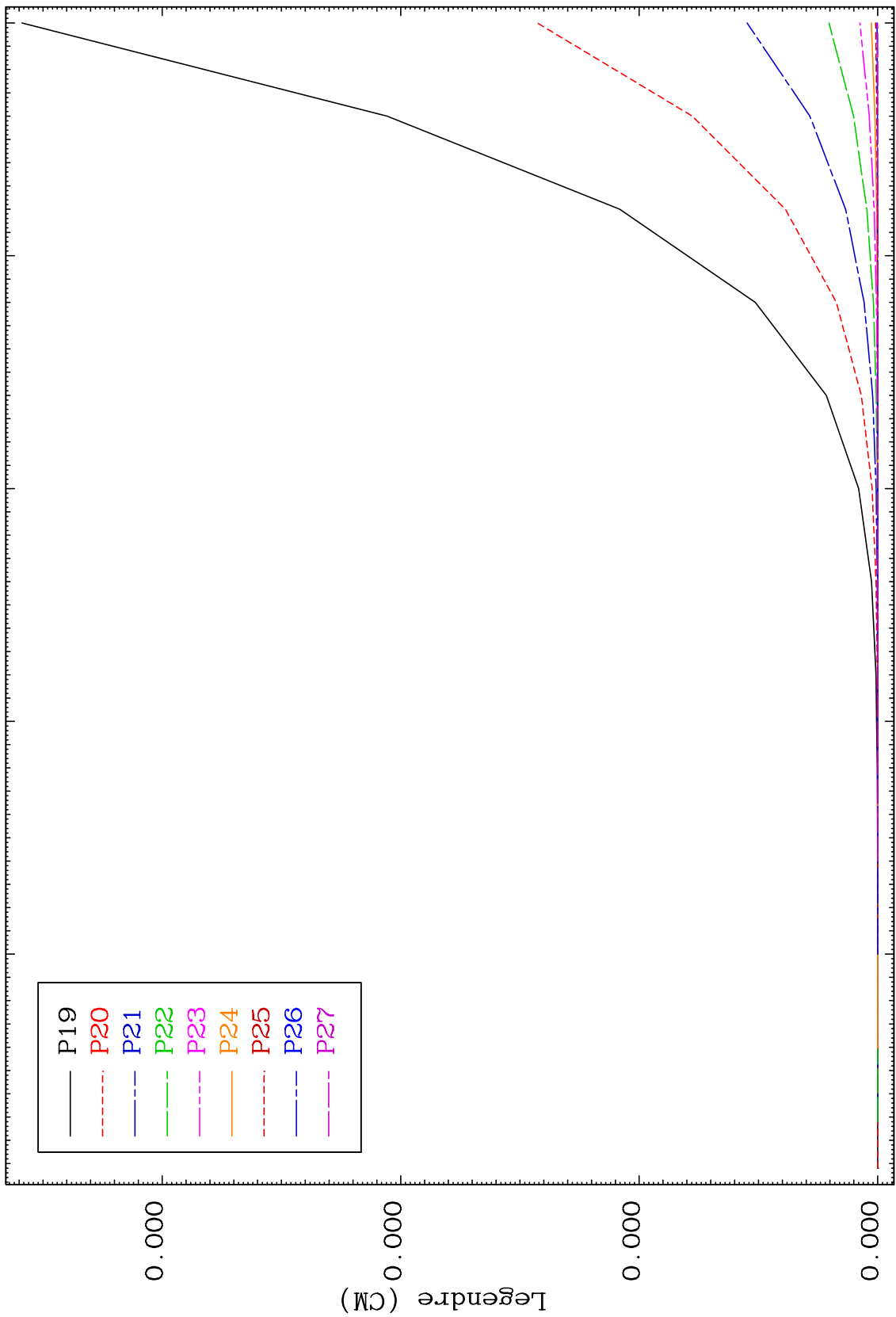
48-Cd-101



MAT 4810

Elastic Legendre Coefficients

48-Cd-101



16

Incident Energy (MeV)

48-Cd-101

MAT 4810

Elastic Legendre Coefficients

48-Cd-101

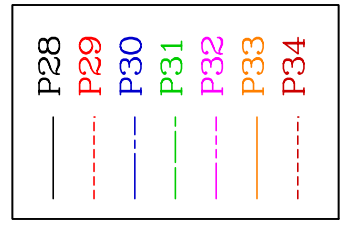
$\times 10^{-7}$
0.5

Legendre (CM)

0.0

-0.5

-1.0



15

20

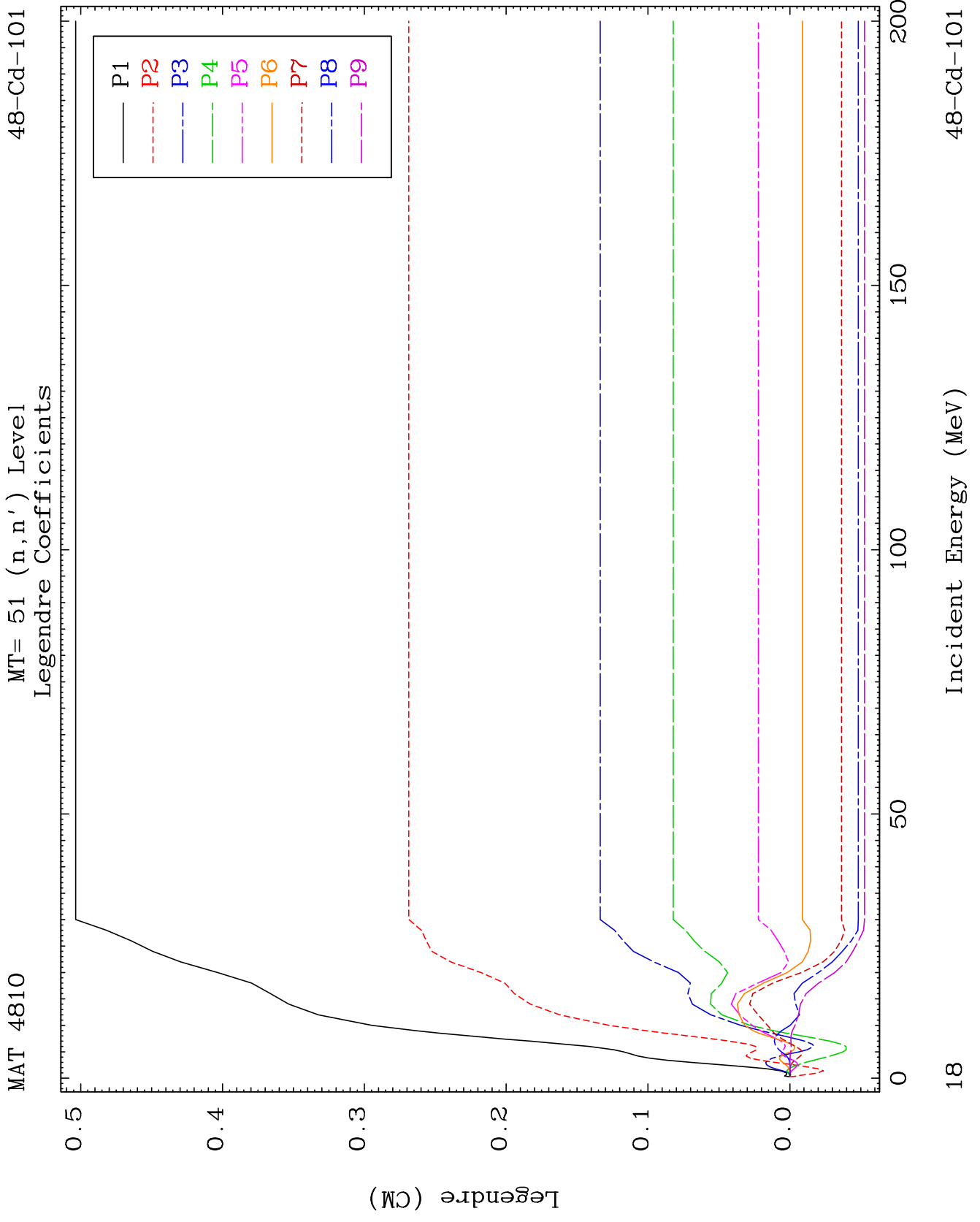
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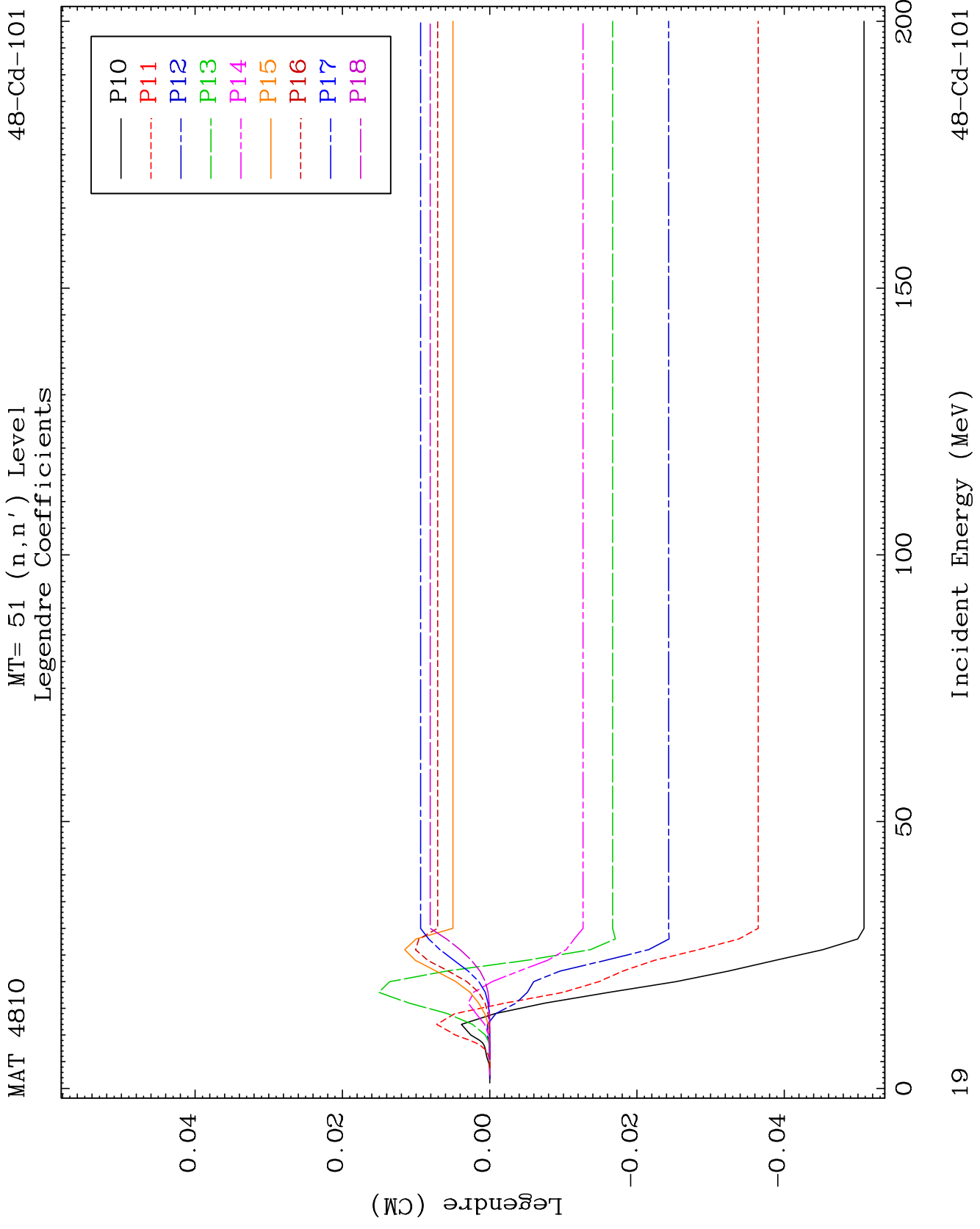
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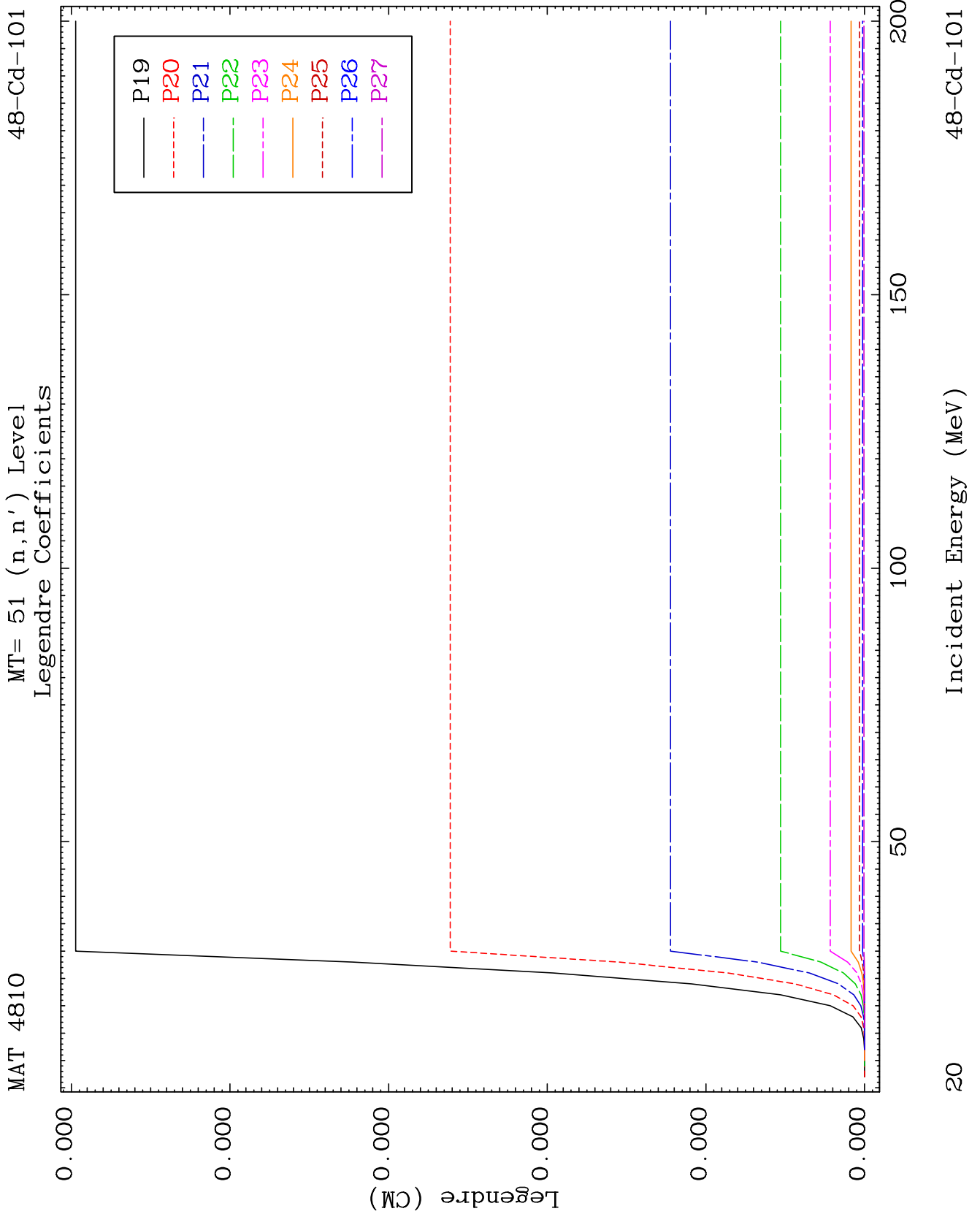
17

Incident Energy (MeV)

48-Cd-101



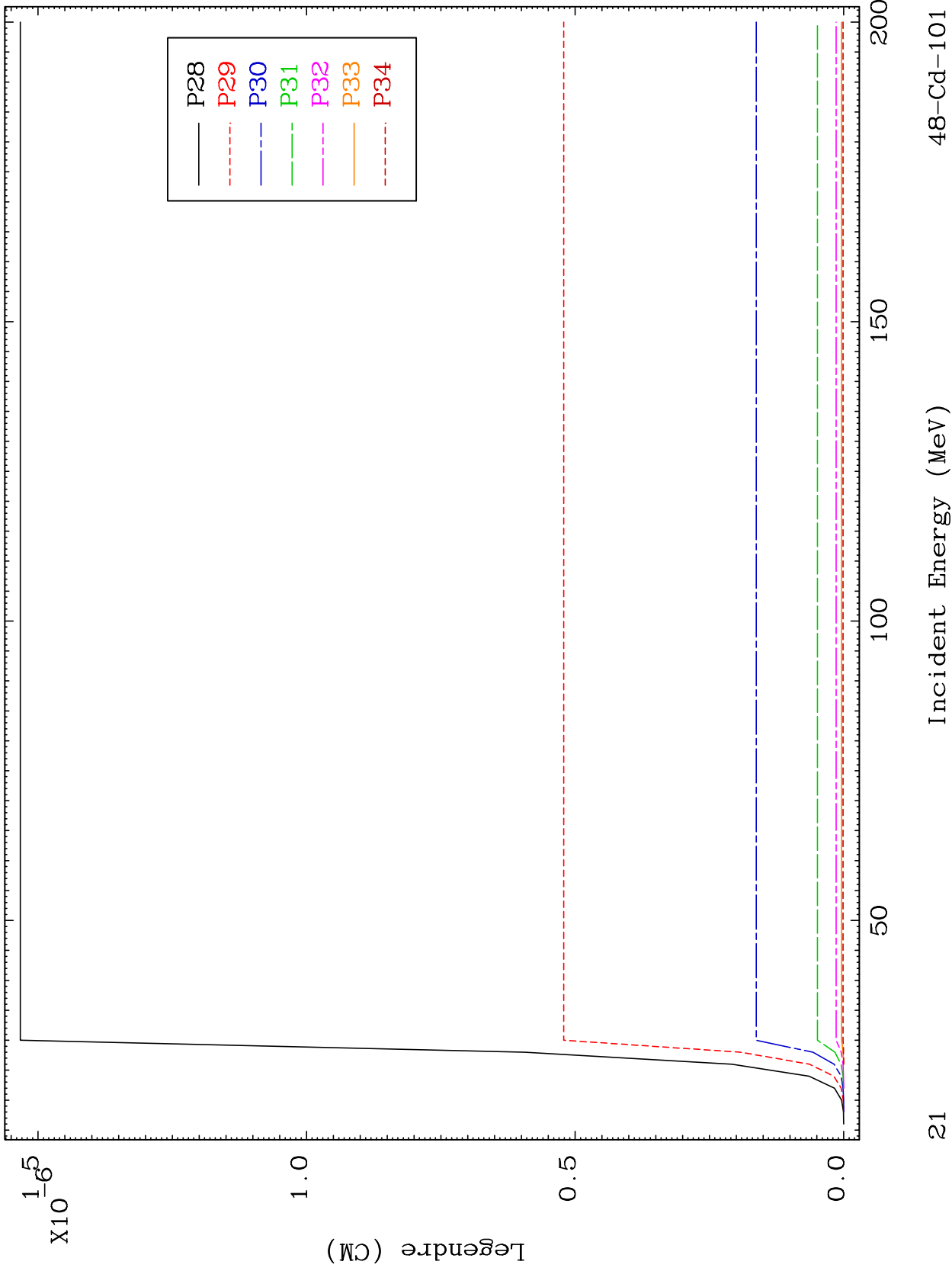




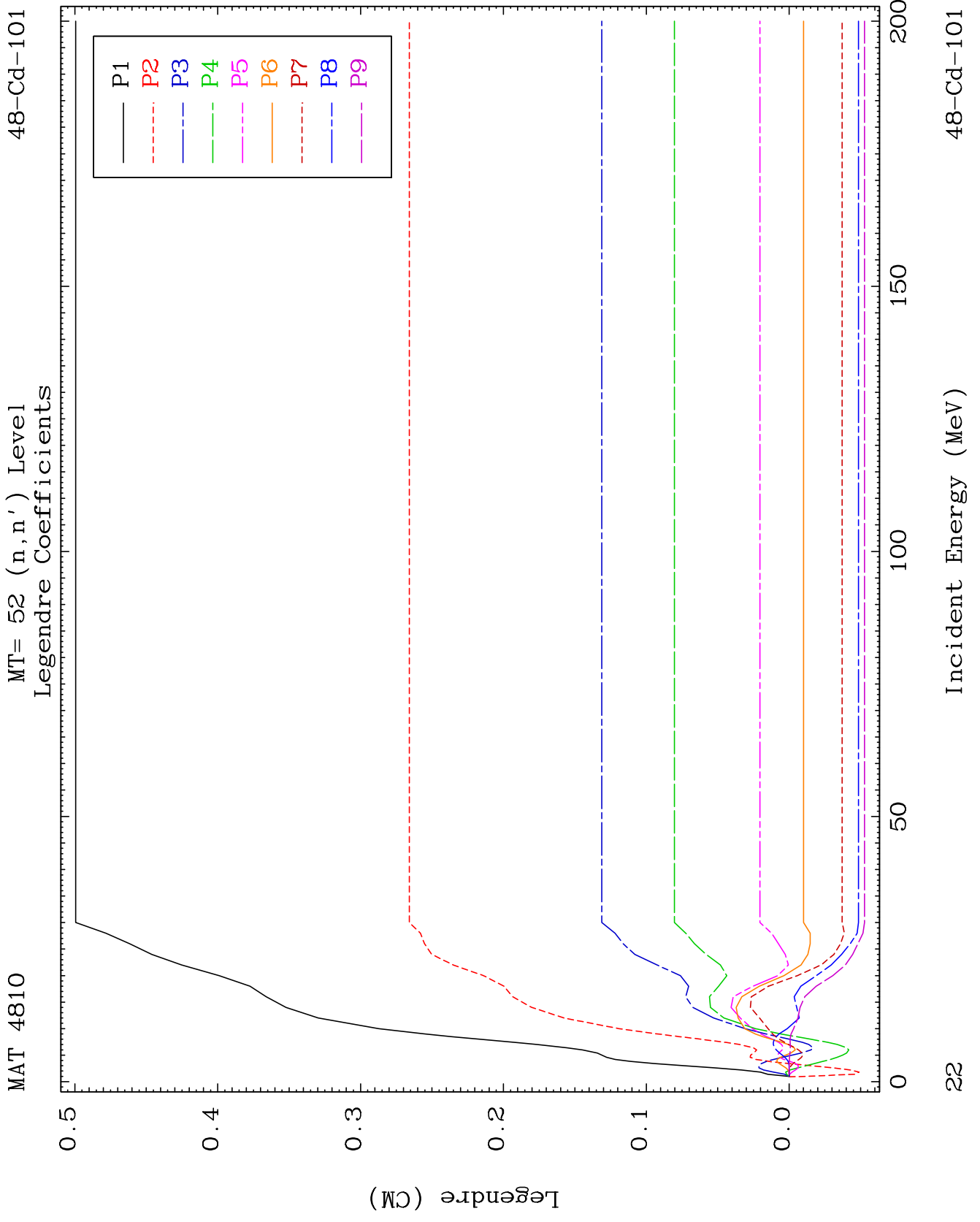
MAT 4810

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

48-Cd-101



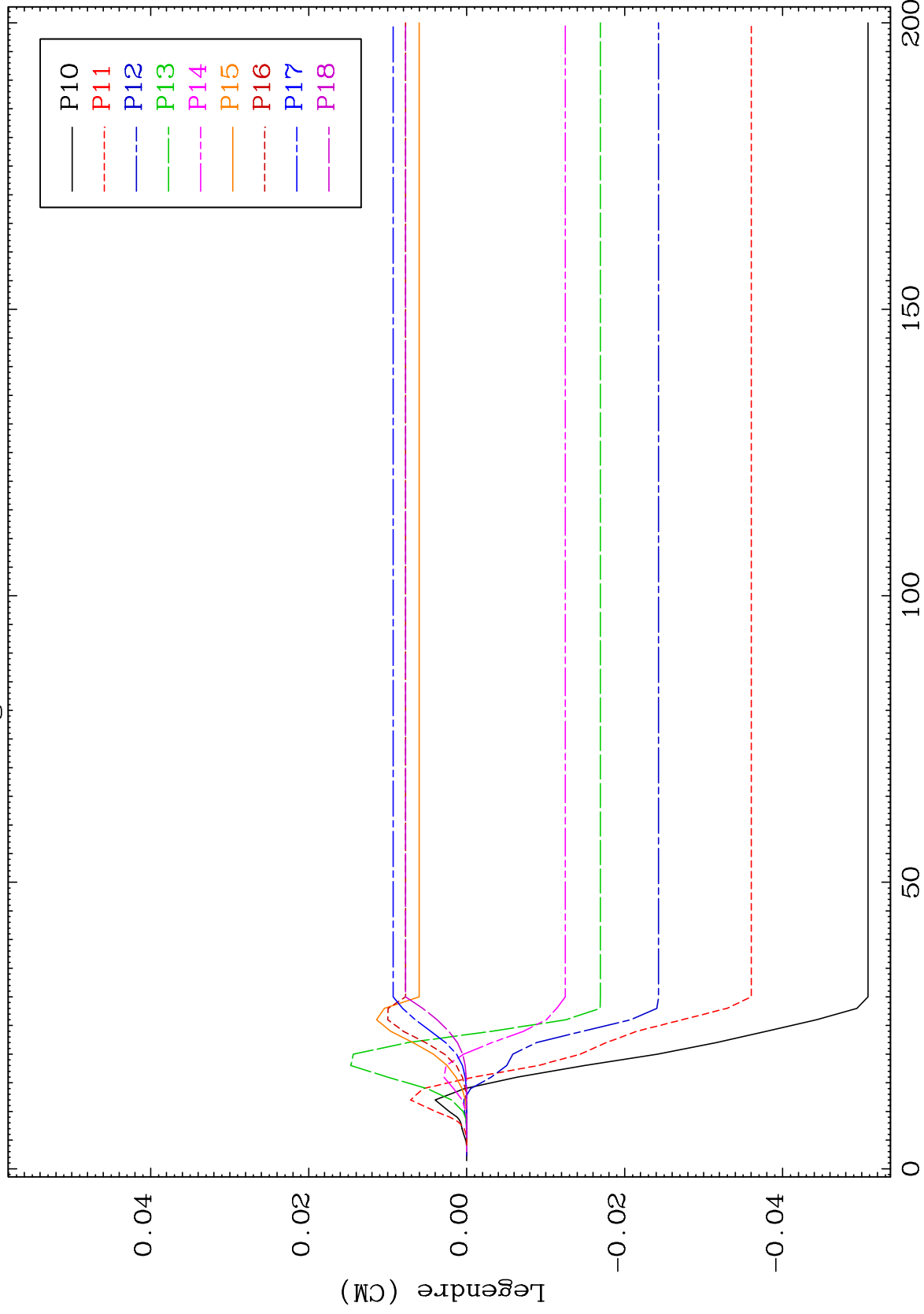
21



MAT 4810

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

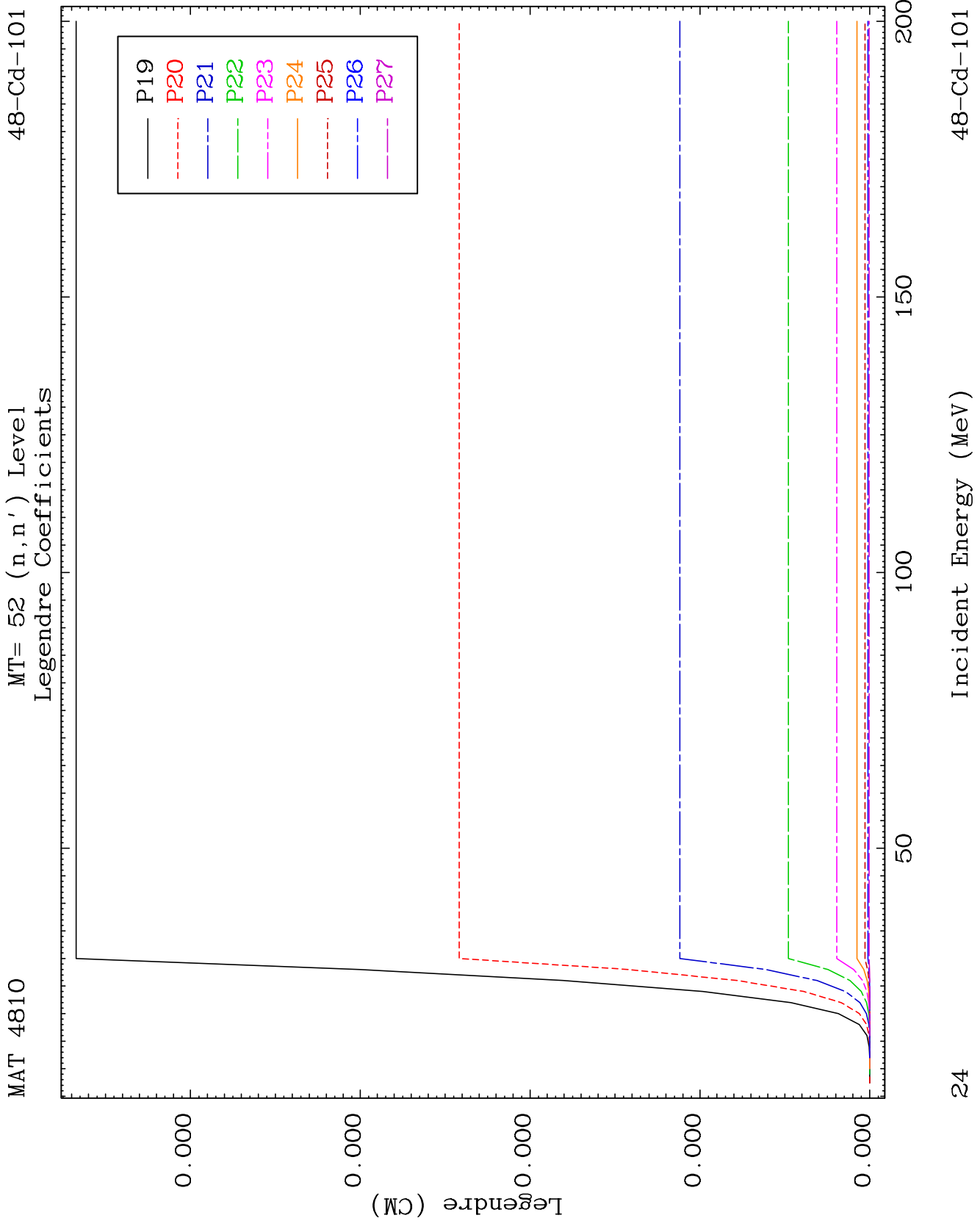
48-Cd-101

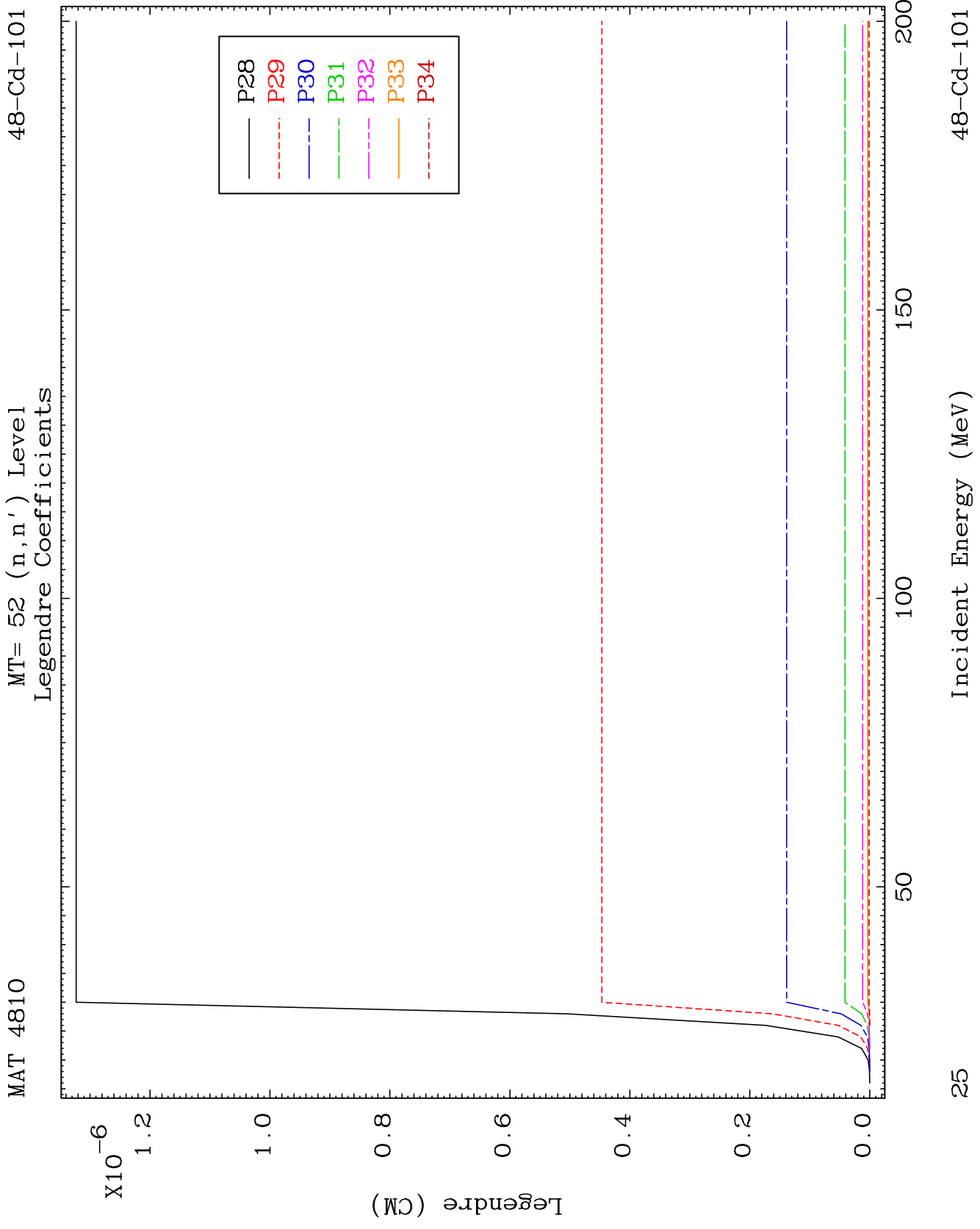


23

Incident Energy (MeV)

48-Cd-101

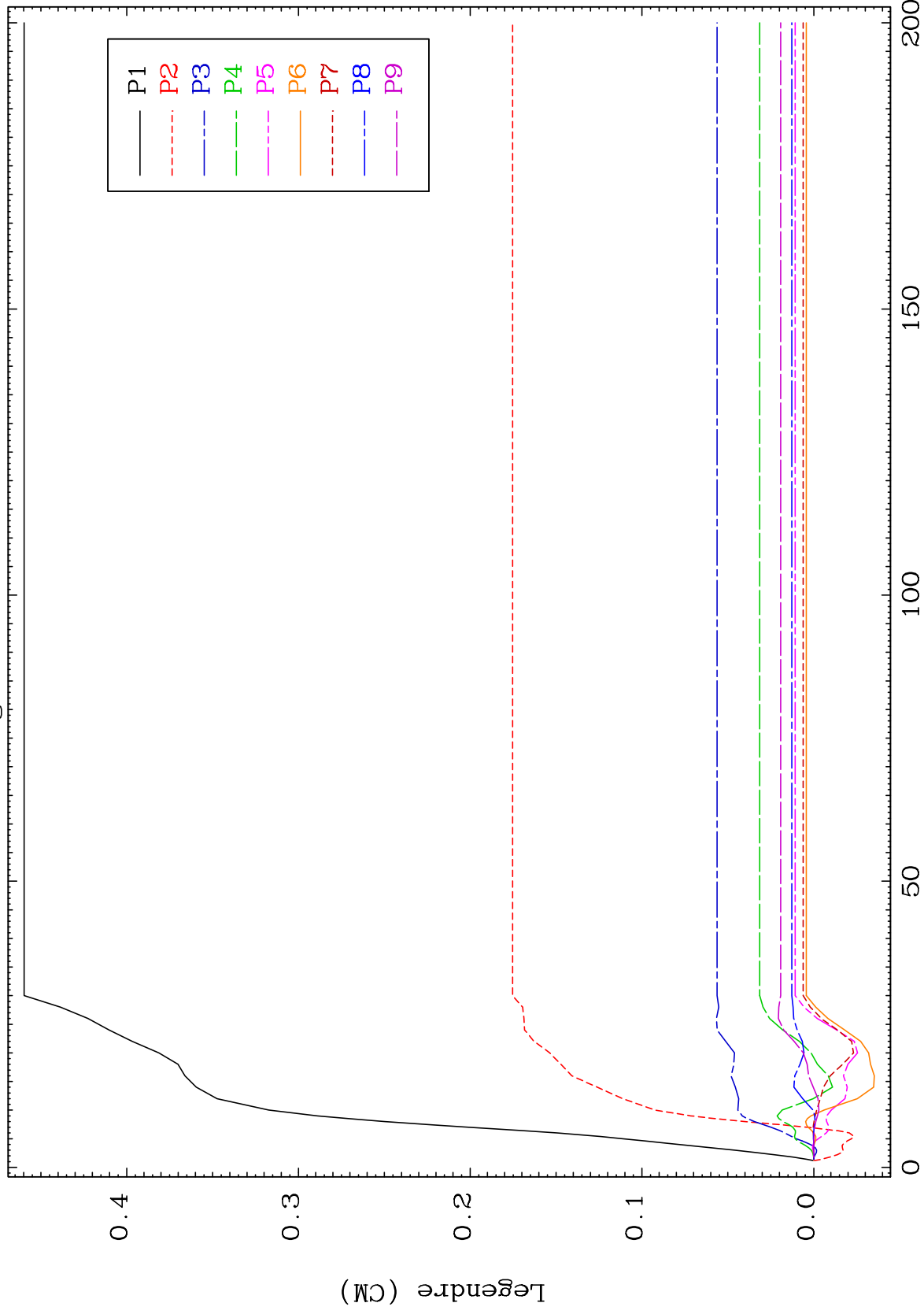




MAT 4810

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

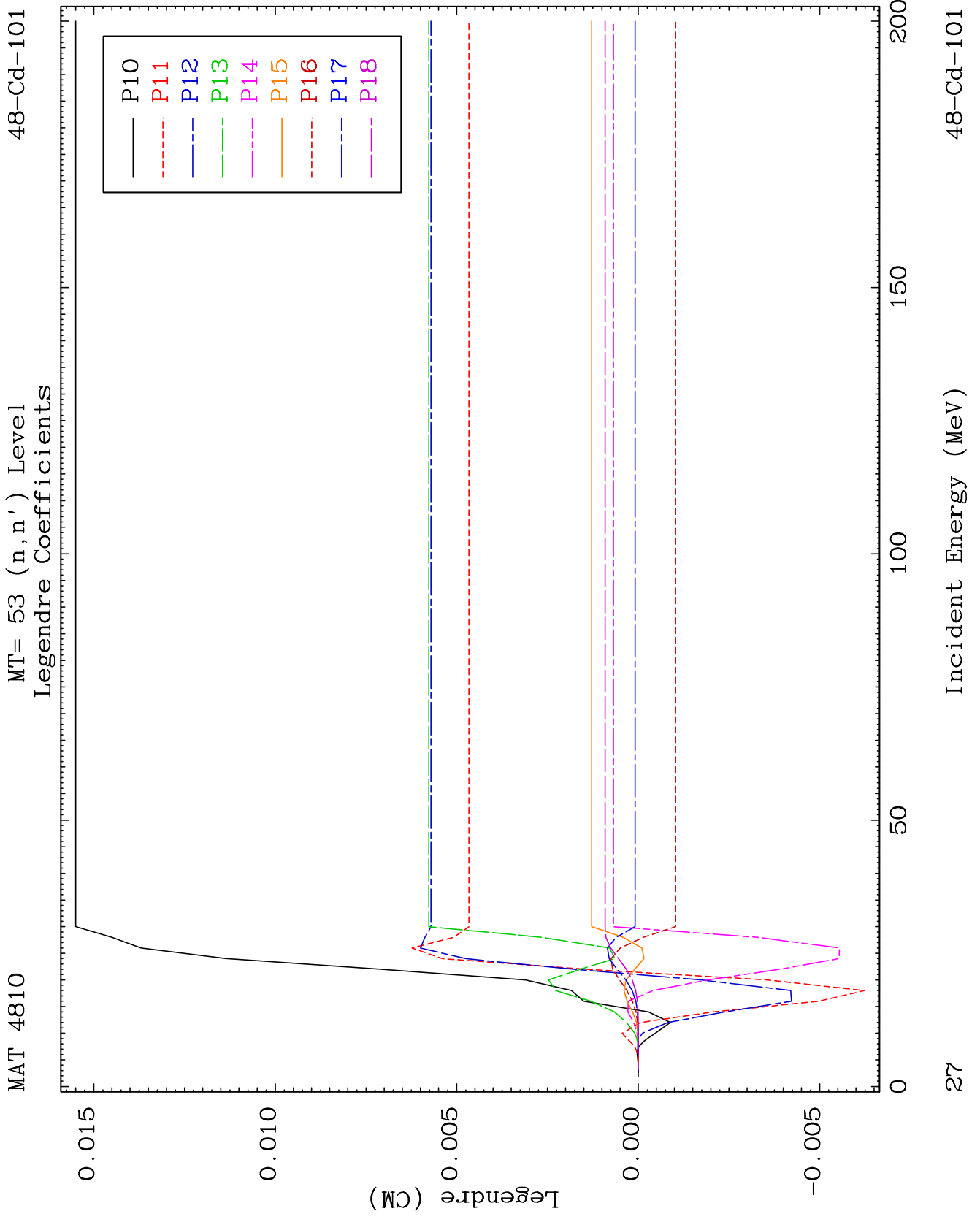
48-Cd-101



26

Incident Energy (MeV)

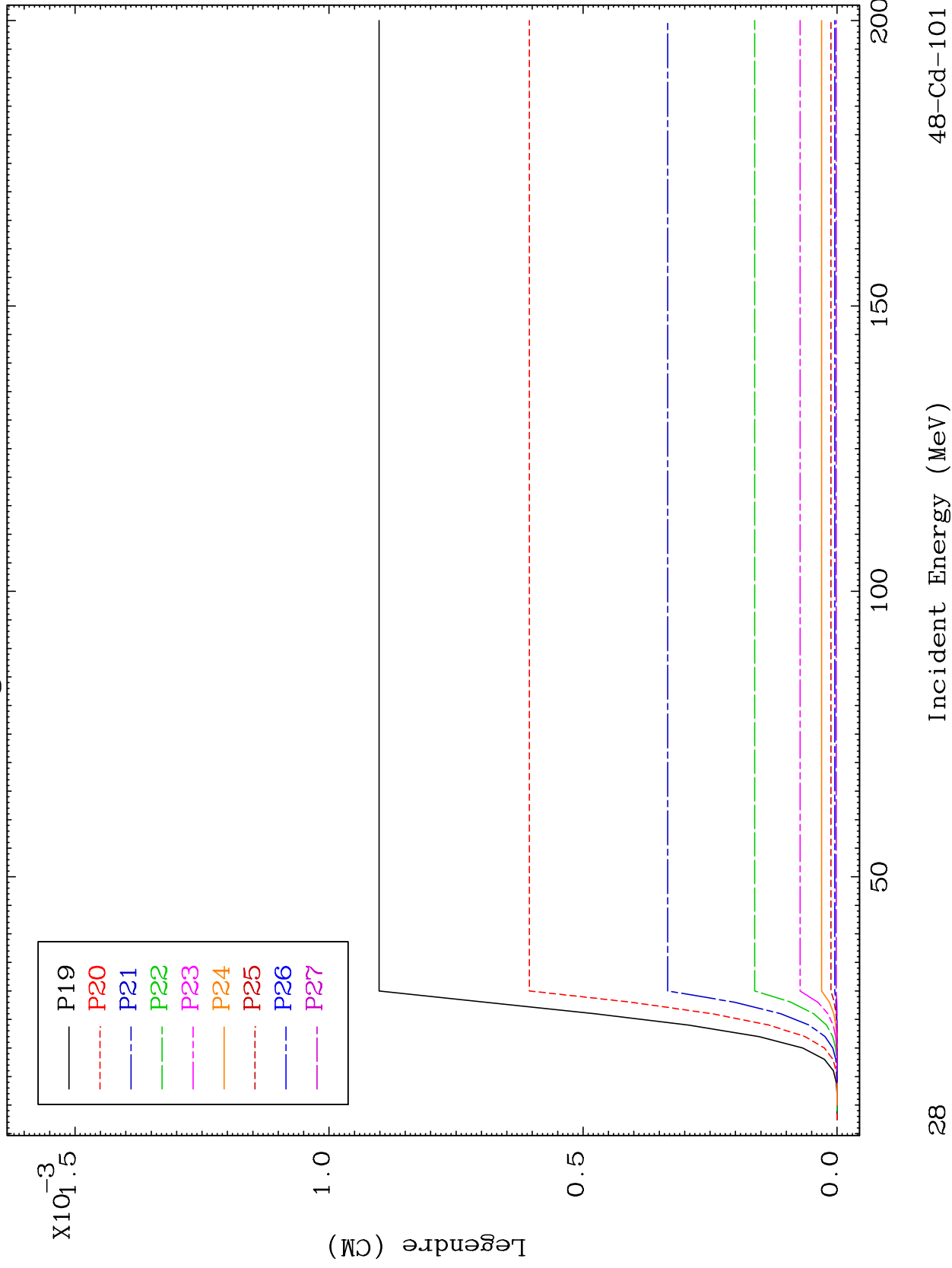
48-Cd-101



MAT 4810

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

48-Cd-101



28

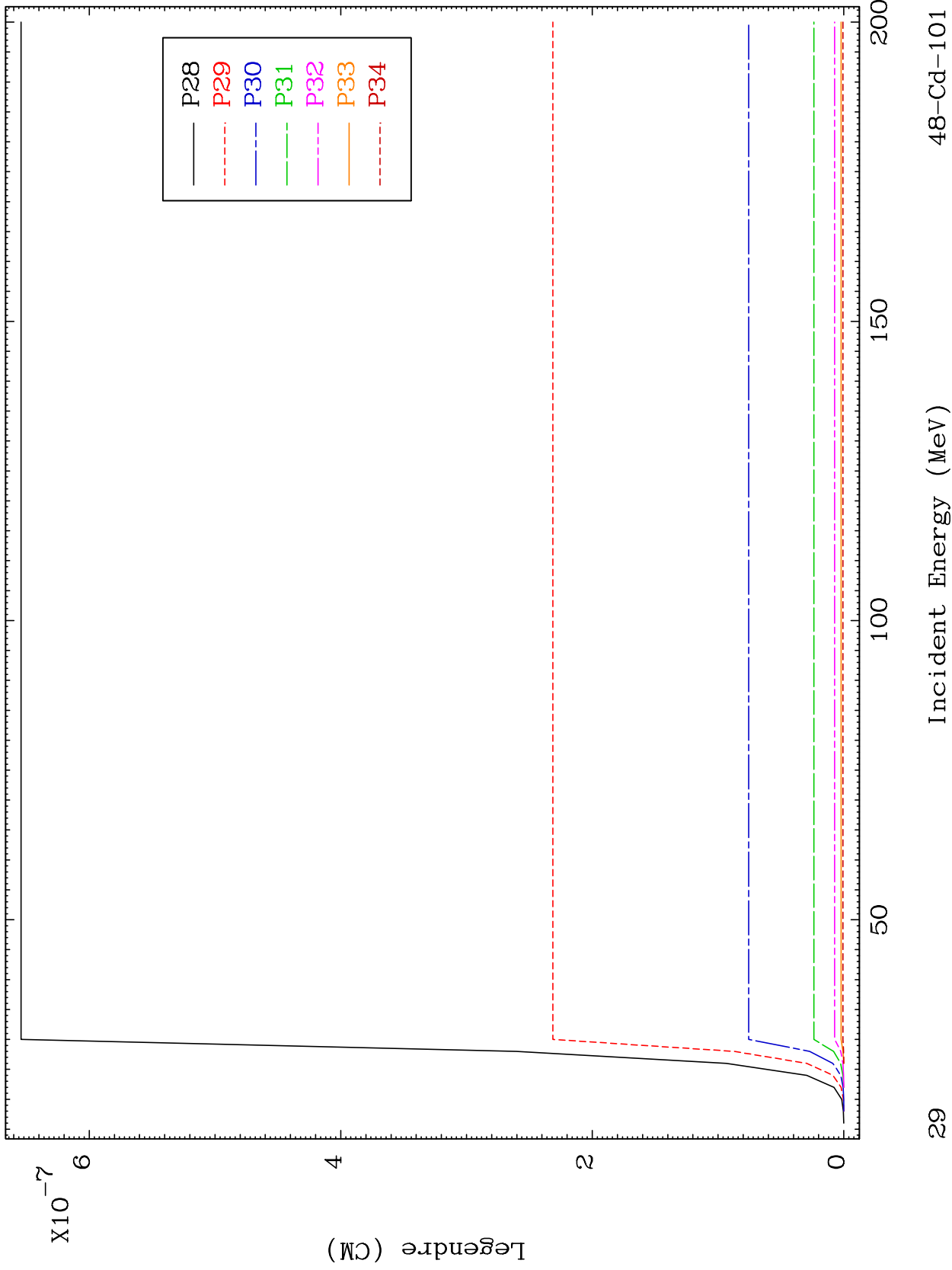
Incident Energy (MeV)

48-Cd-101

MAT 4810

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

48-Cd-101



29

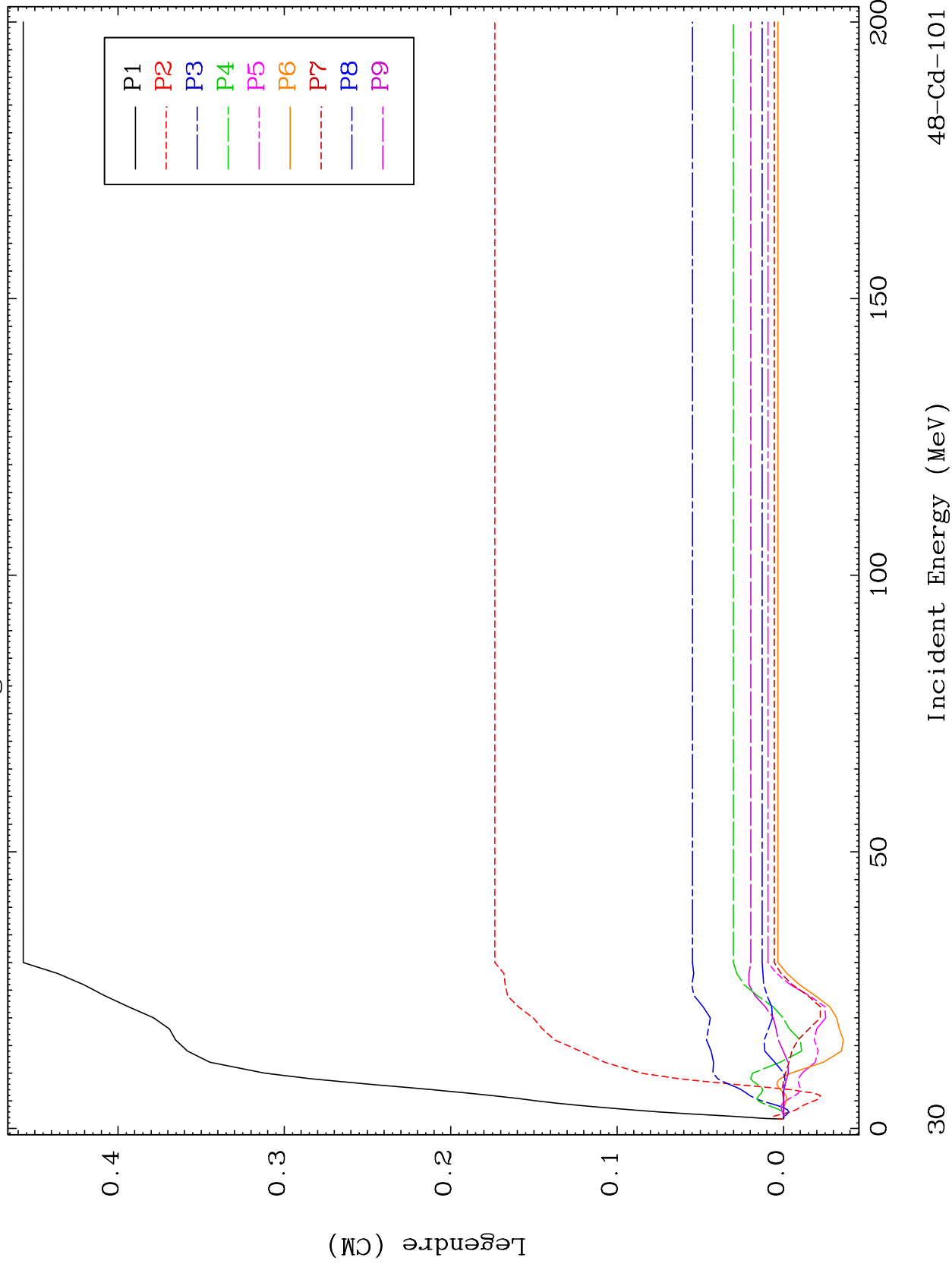
Incident Energy (MeV)

48-Cd-101

MAT 4810

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

48-Cd-101



48-Cd-101

Incident Energy (MeV)

30

200

150

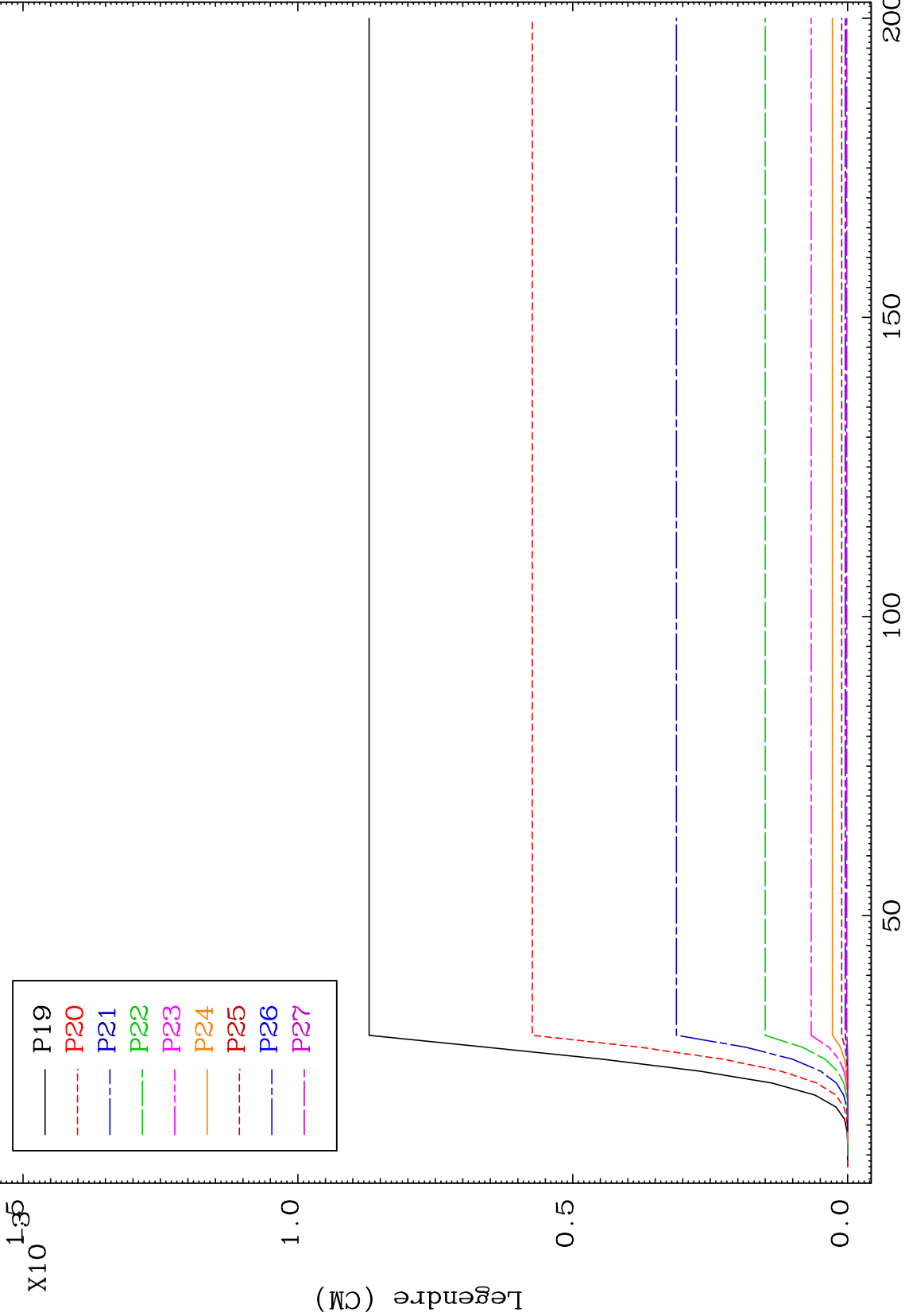
100

50

MAT 4810

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

48-Cd-101



32

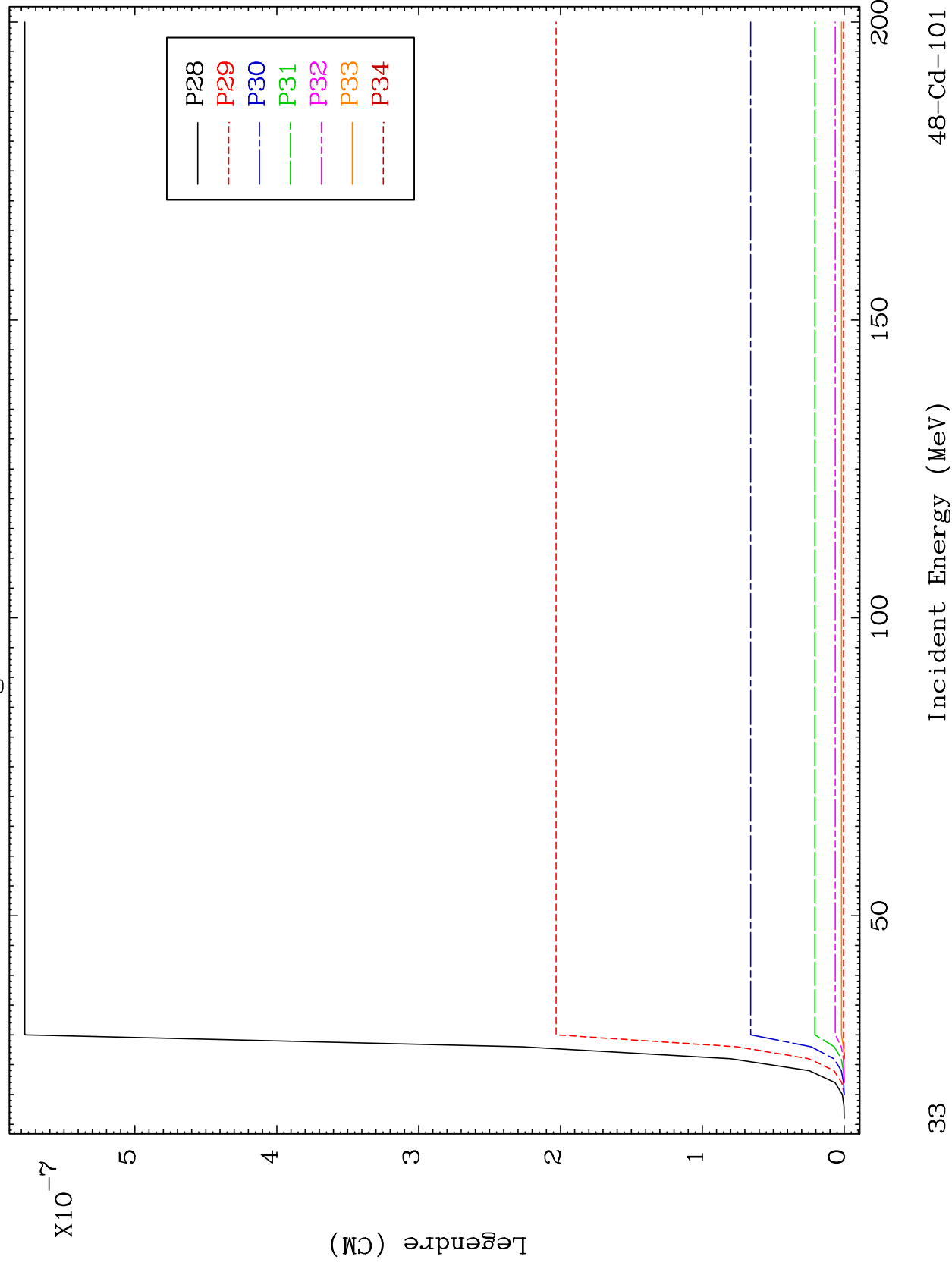
Incident Energy (MeV)

48-Cd-101

MAT 4810

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

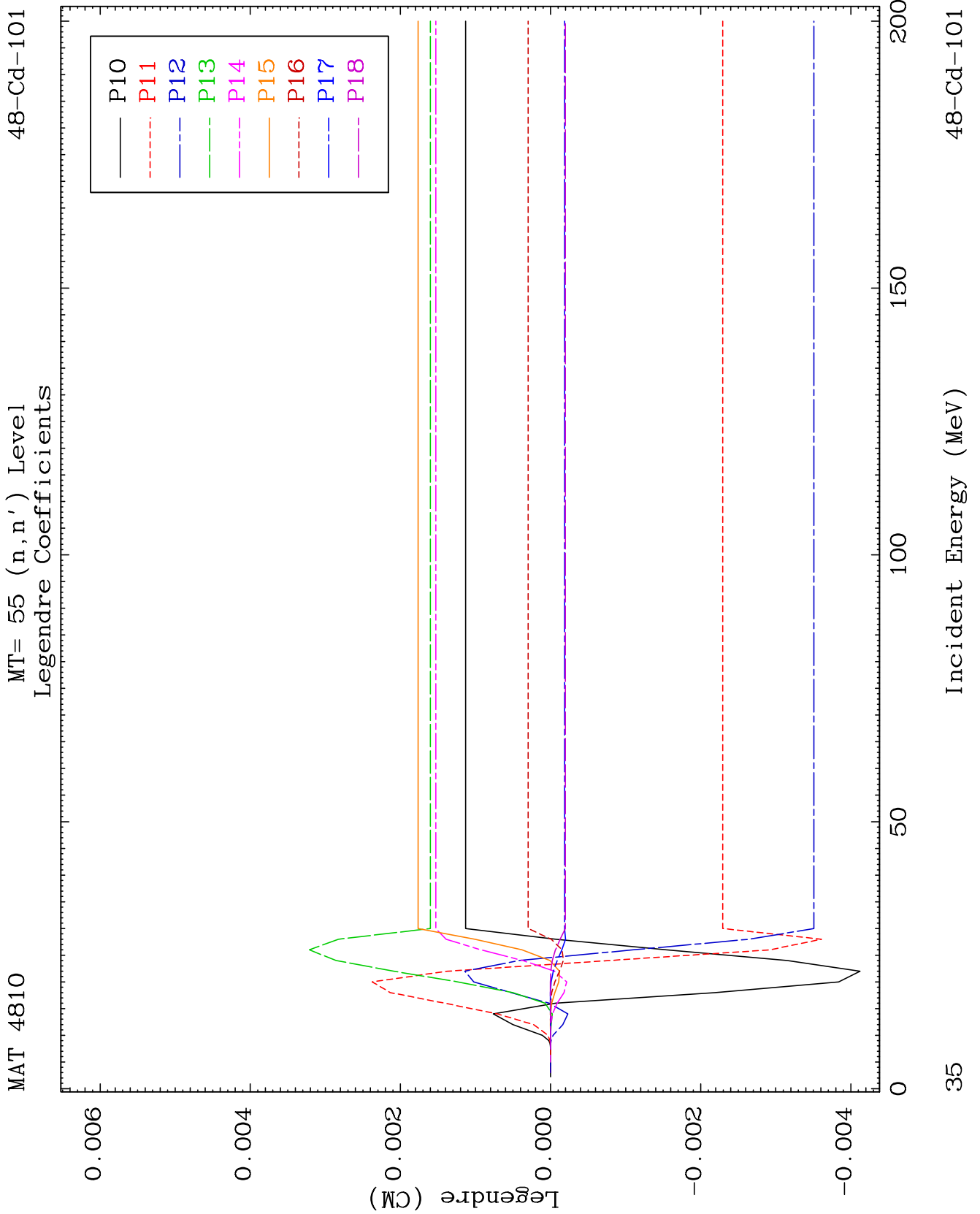
48-Cd-101

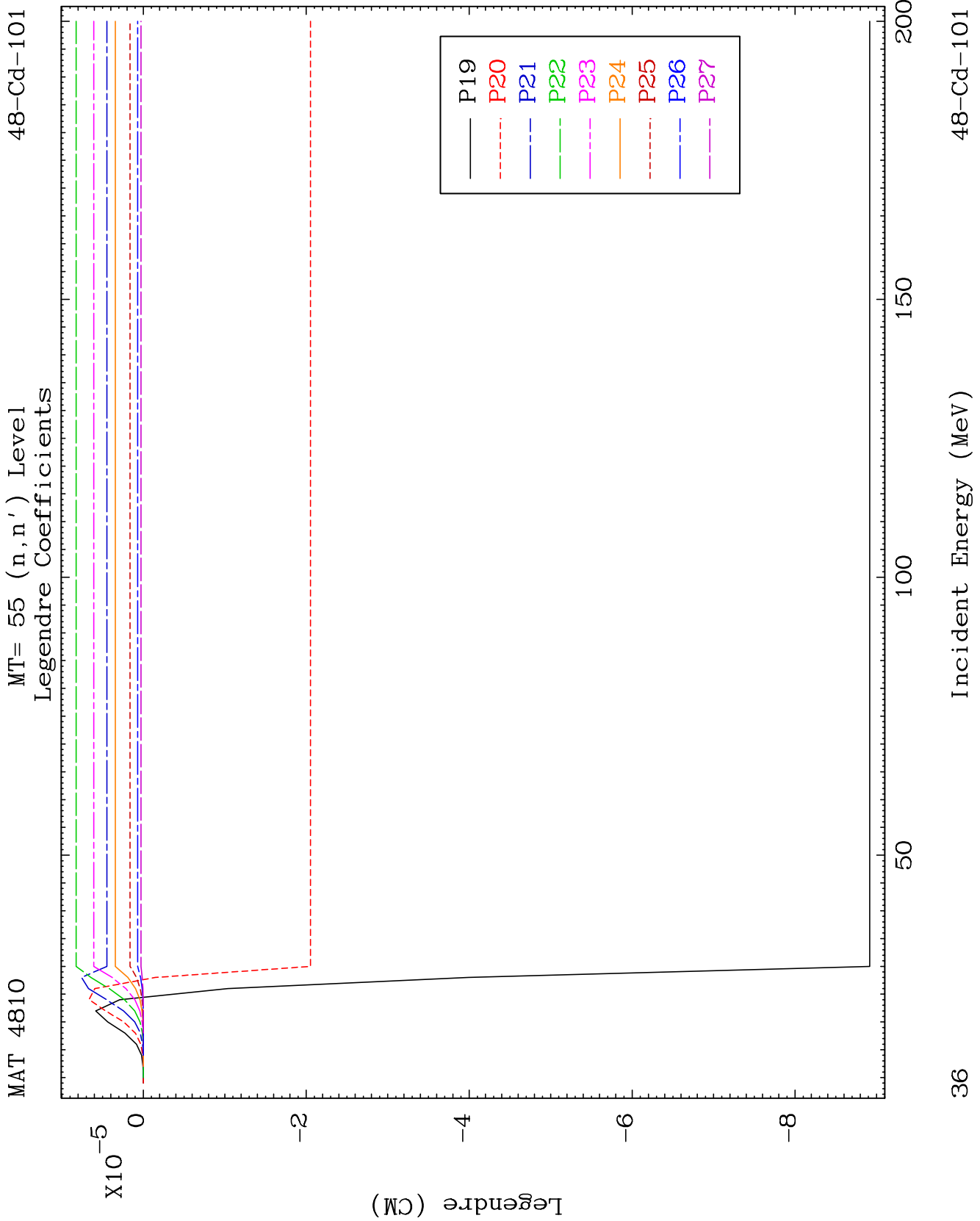


33

Incident Energy (MeV)

48-Cd-101

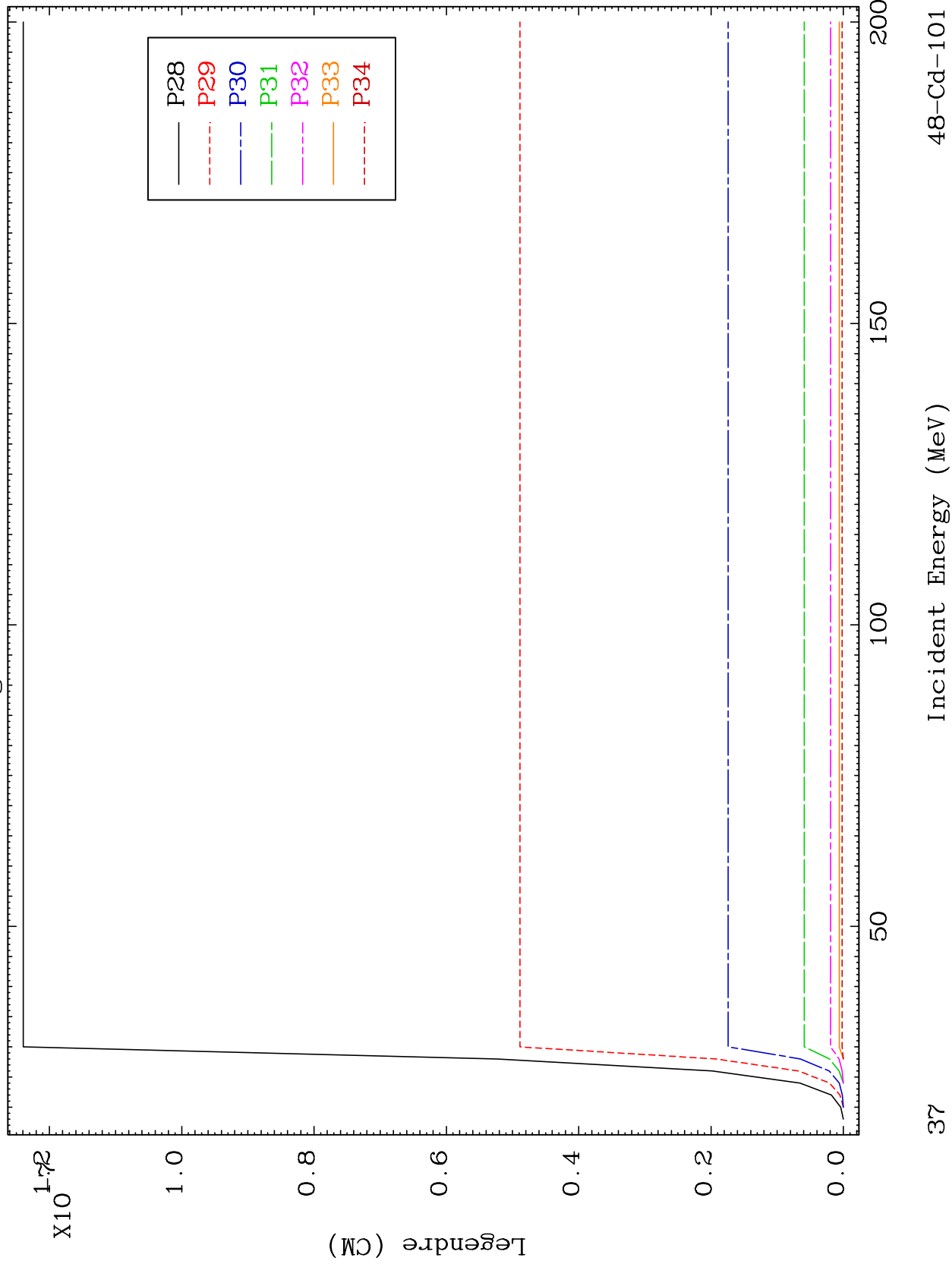


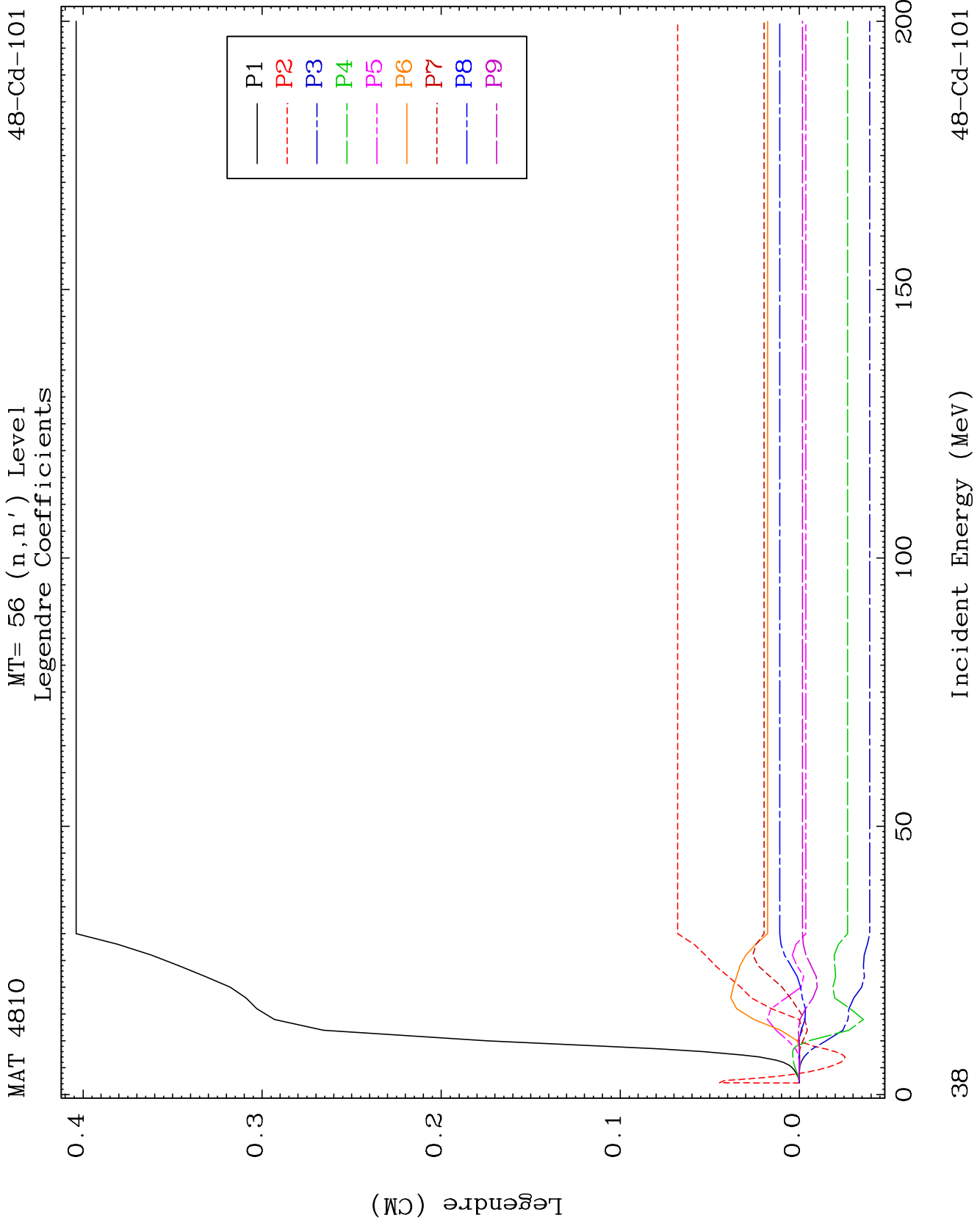


MAT 4810

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

48-Cd-101

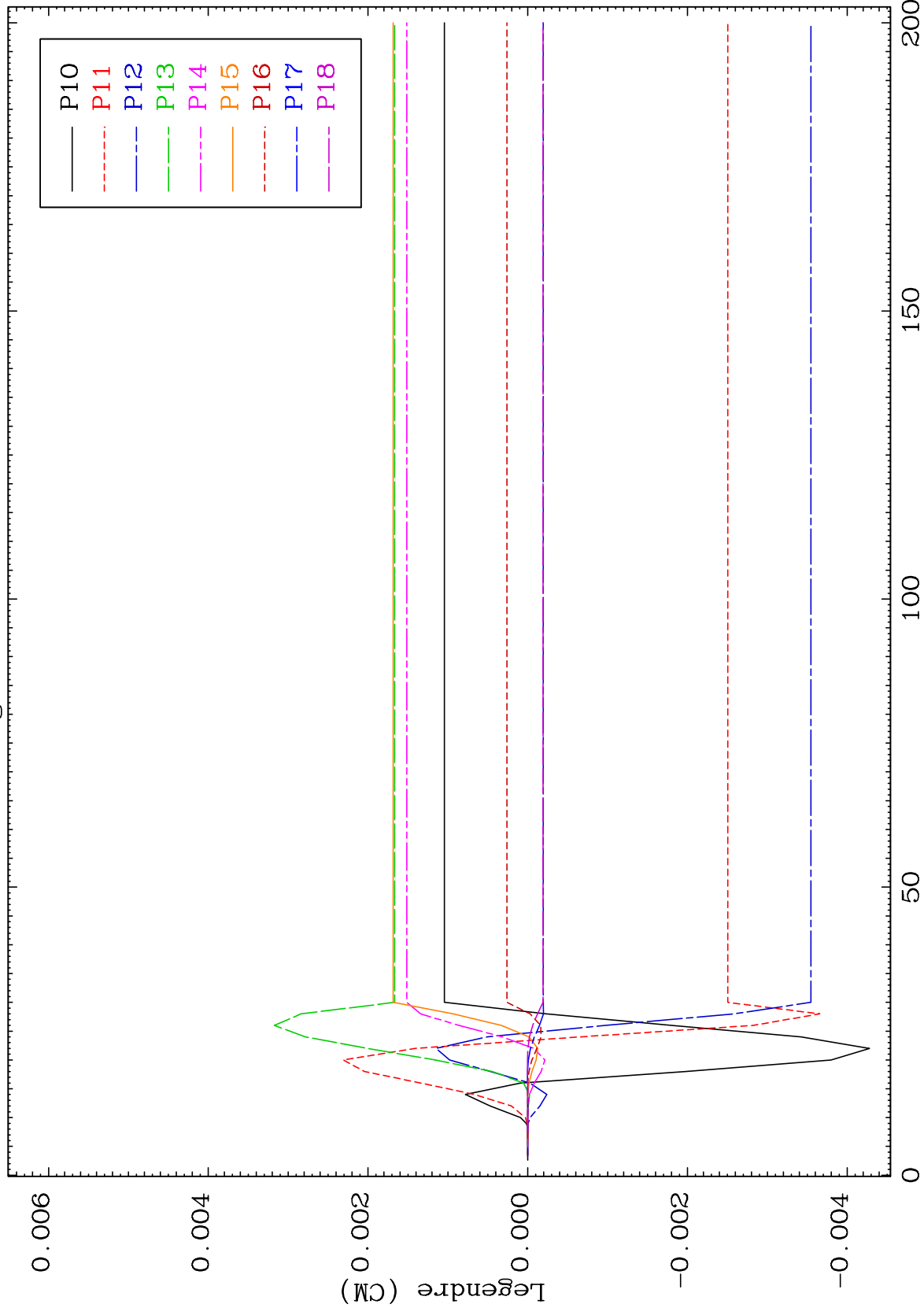




MAT 4810

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

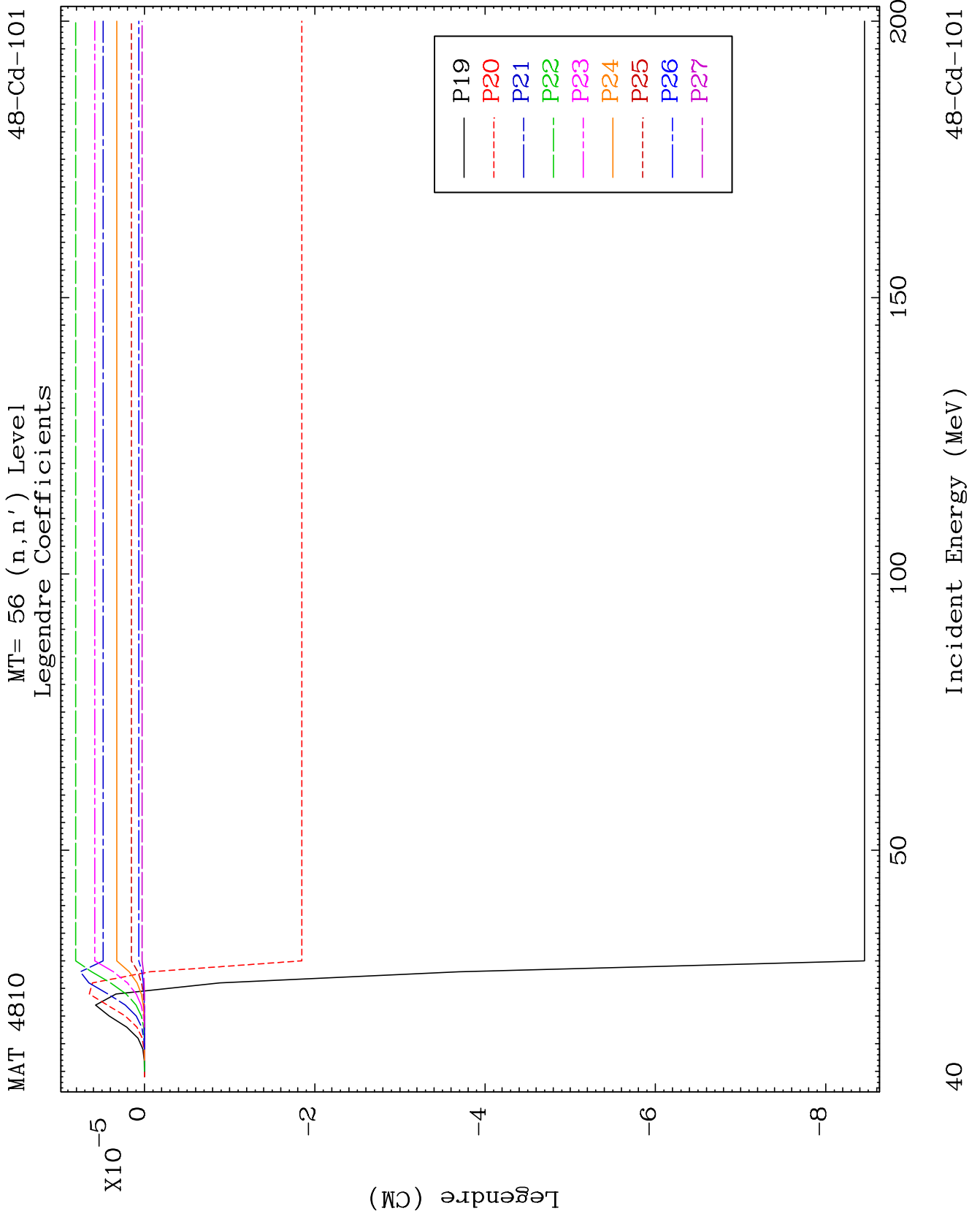
48-Cd-101



39

Incident Energy (MeV)

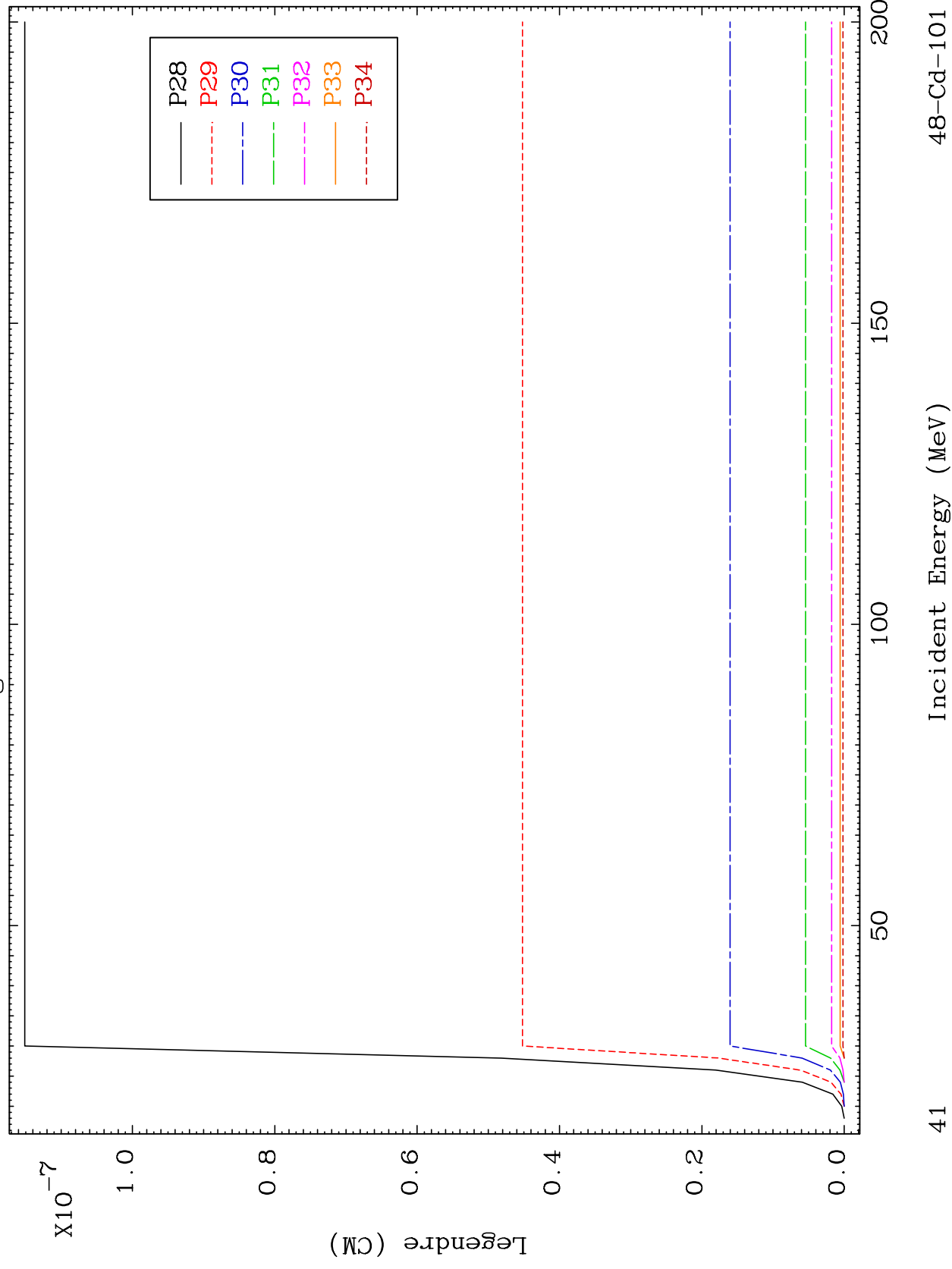
48-Cd-101



MAT 4810

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

48-Cd-101



41

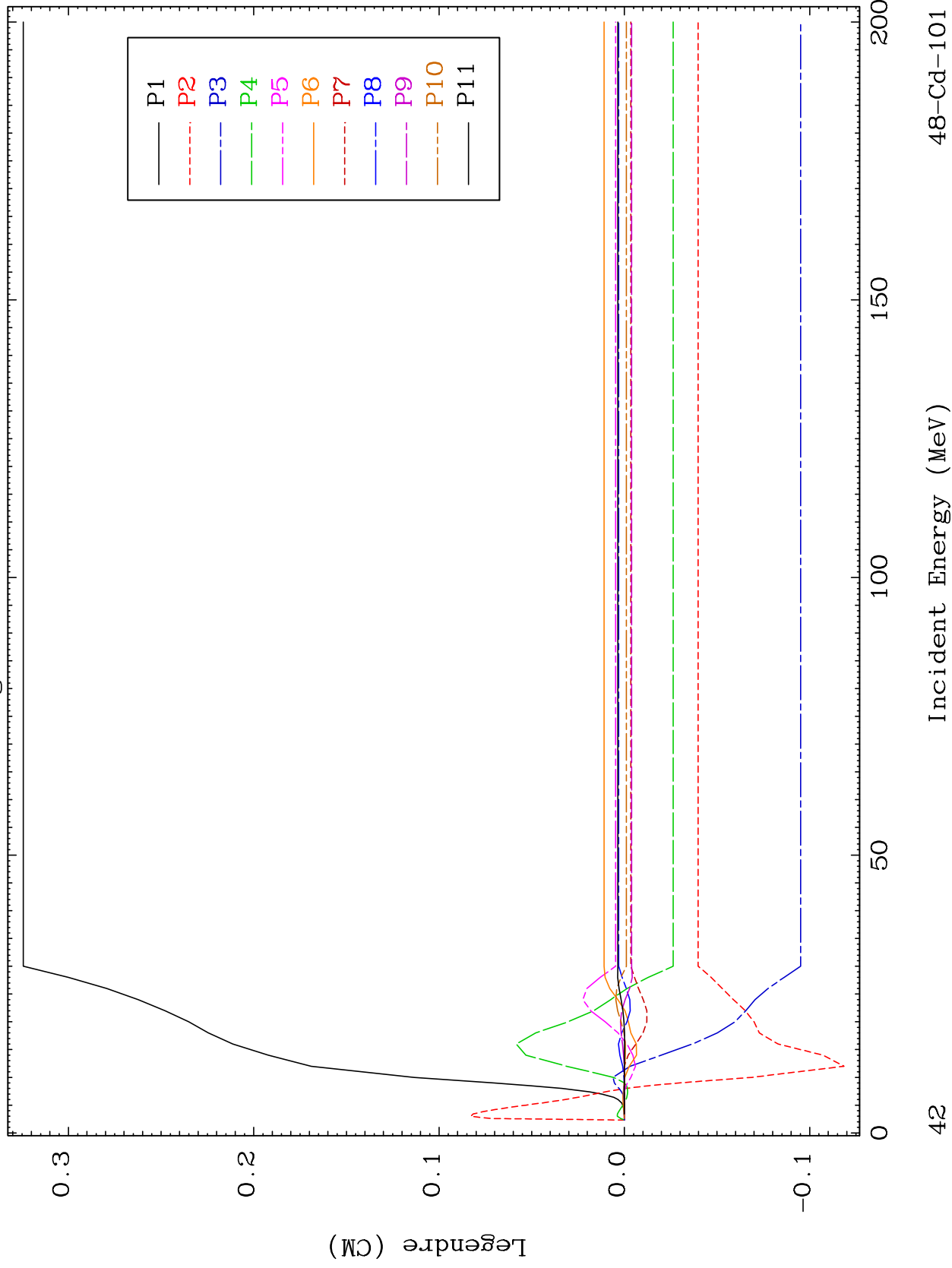
Incident Energy (MeV)

48-Cd-101

MAT 4810

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

48-Cd-101



48-Cd-101

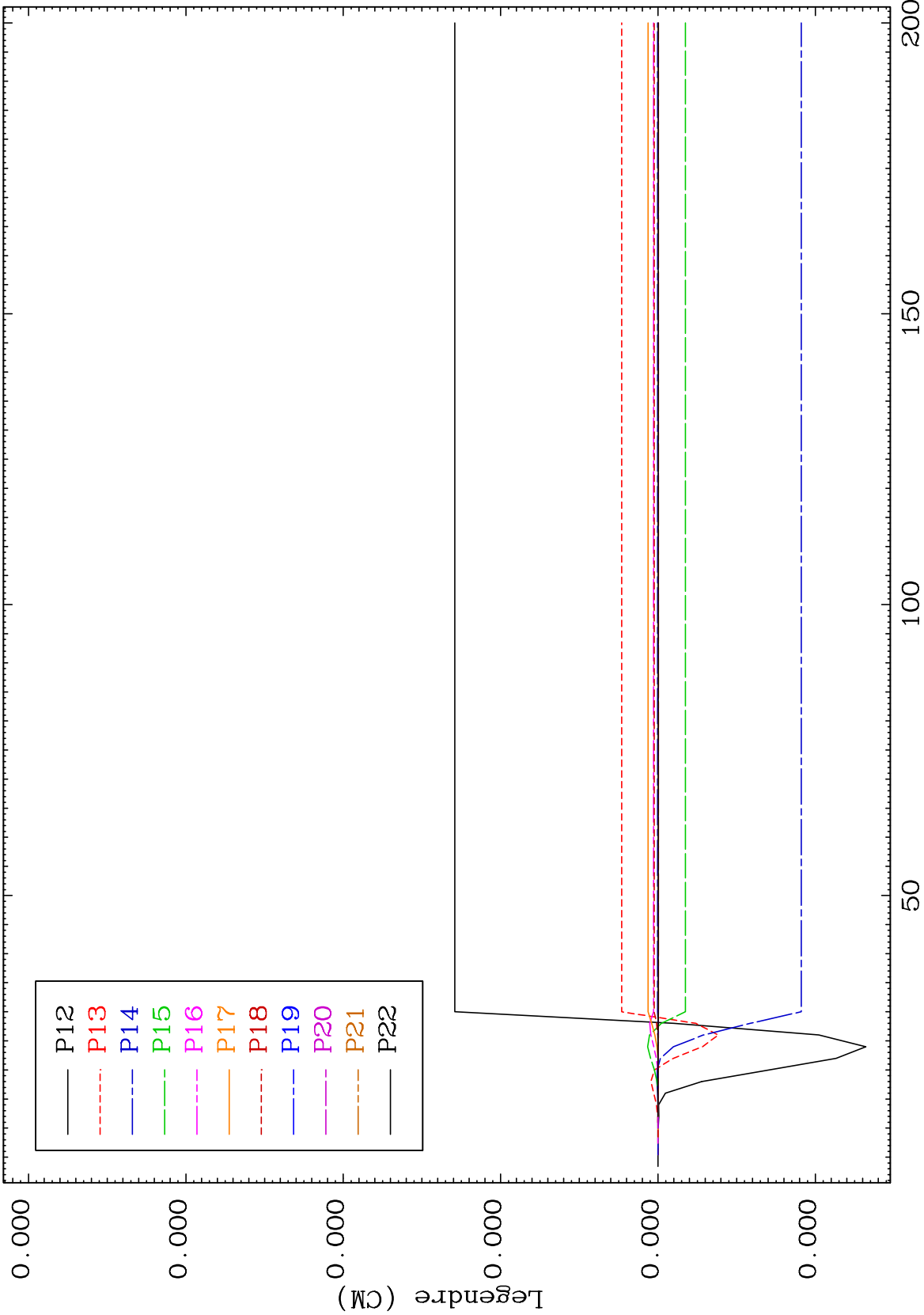
Incident Energy (MeV)

42

MAT 4810

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

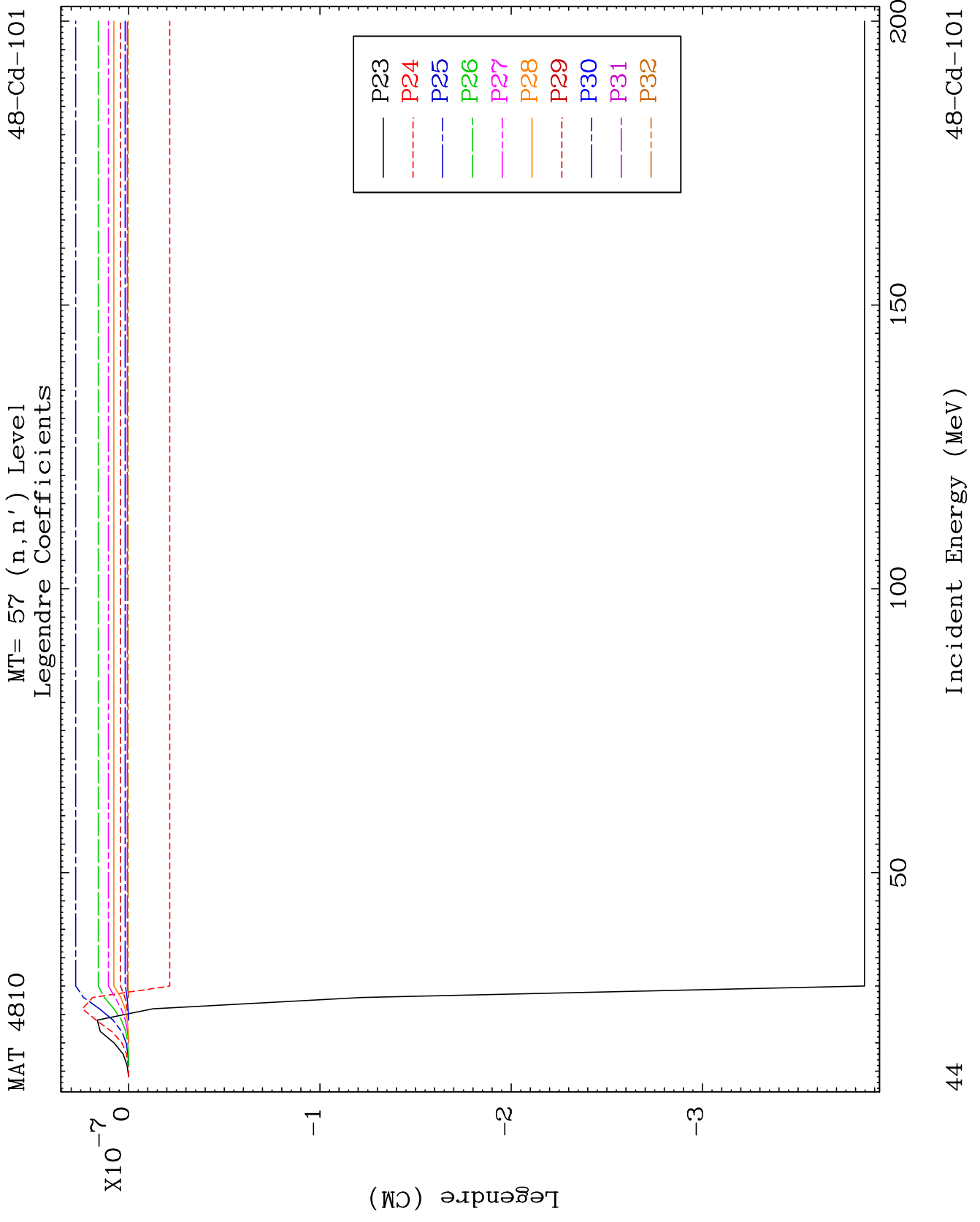
48-Cd-101



43

Incident Energy (MeV)

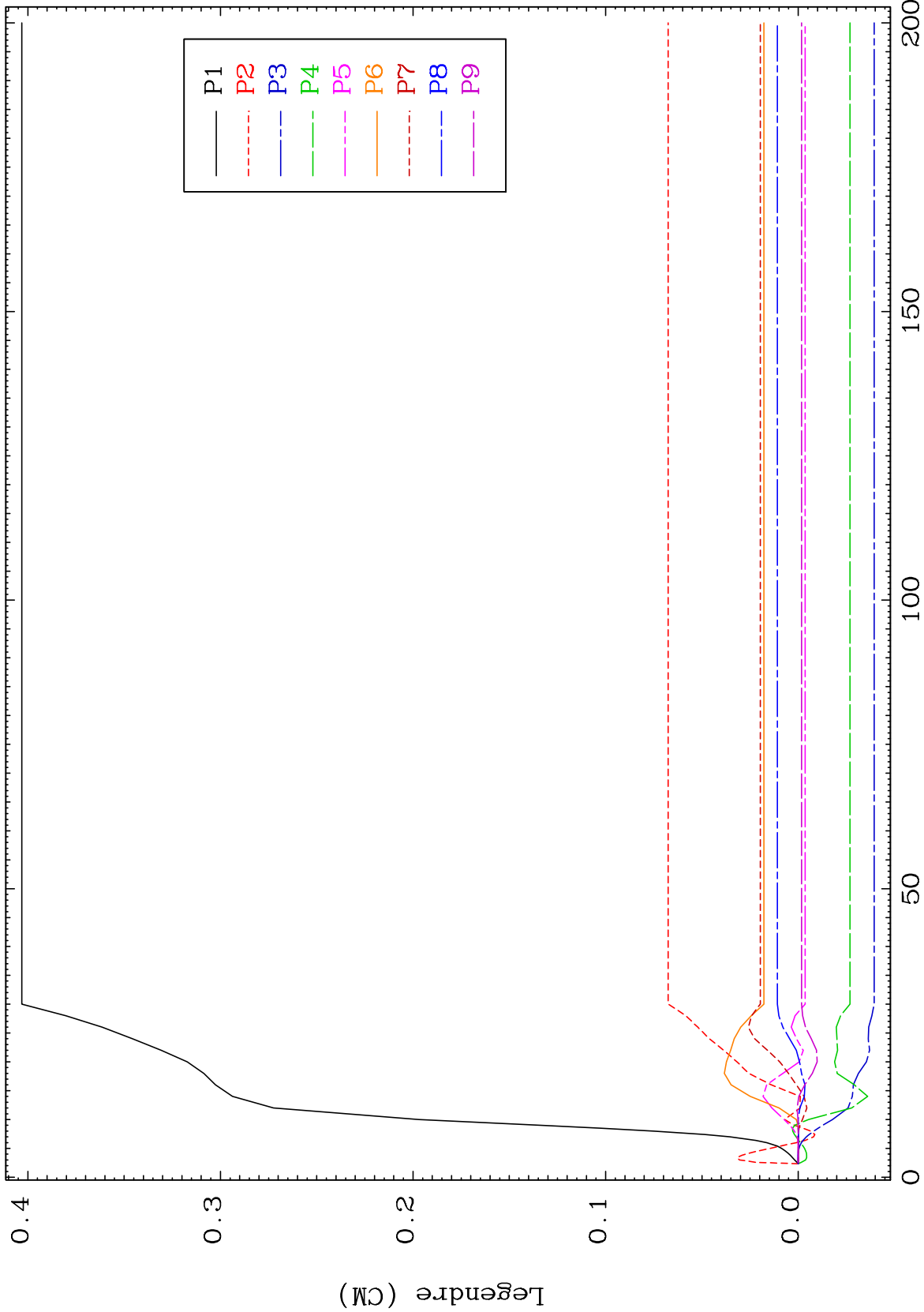
48-Cd-101



MAT 4810

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

48-Cd-101



48-Cd-101

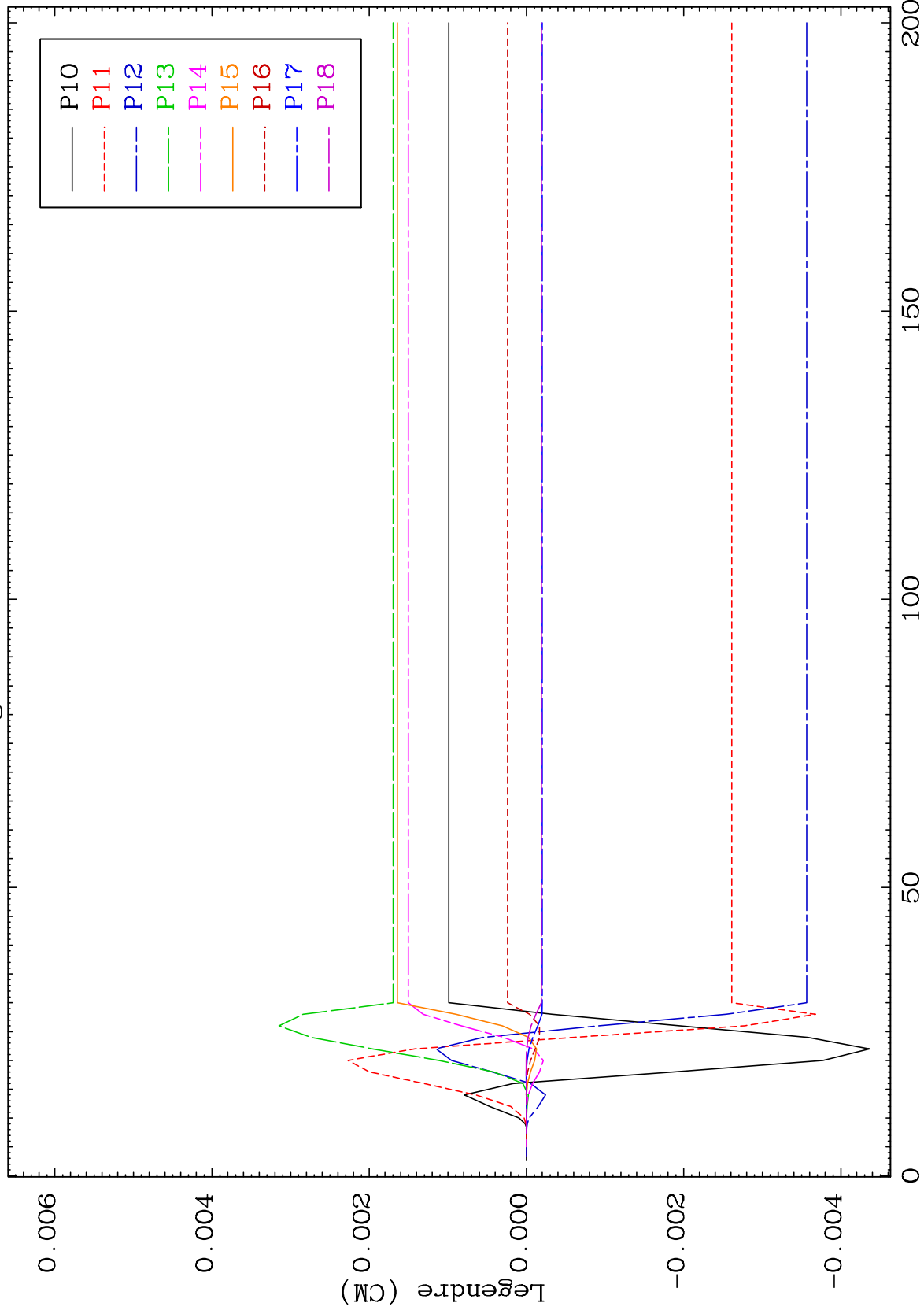
Incident Energy (MeV)

45

MAT 4810

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

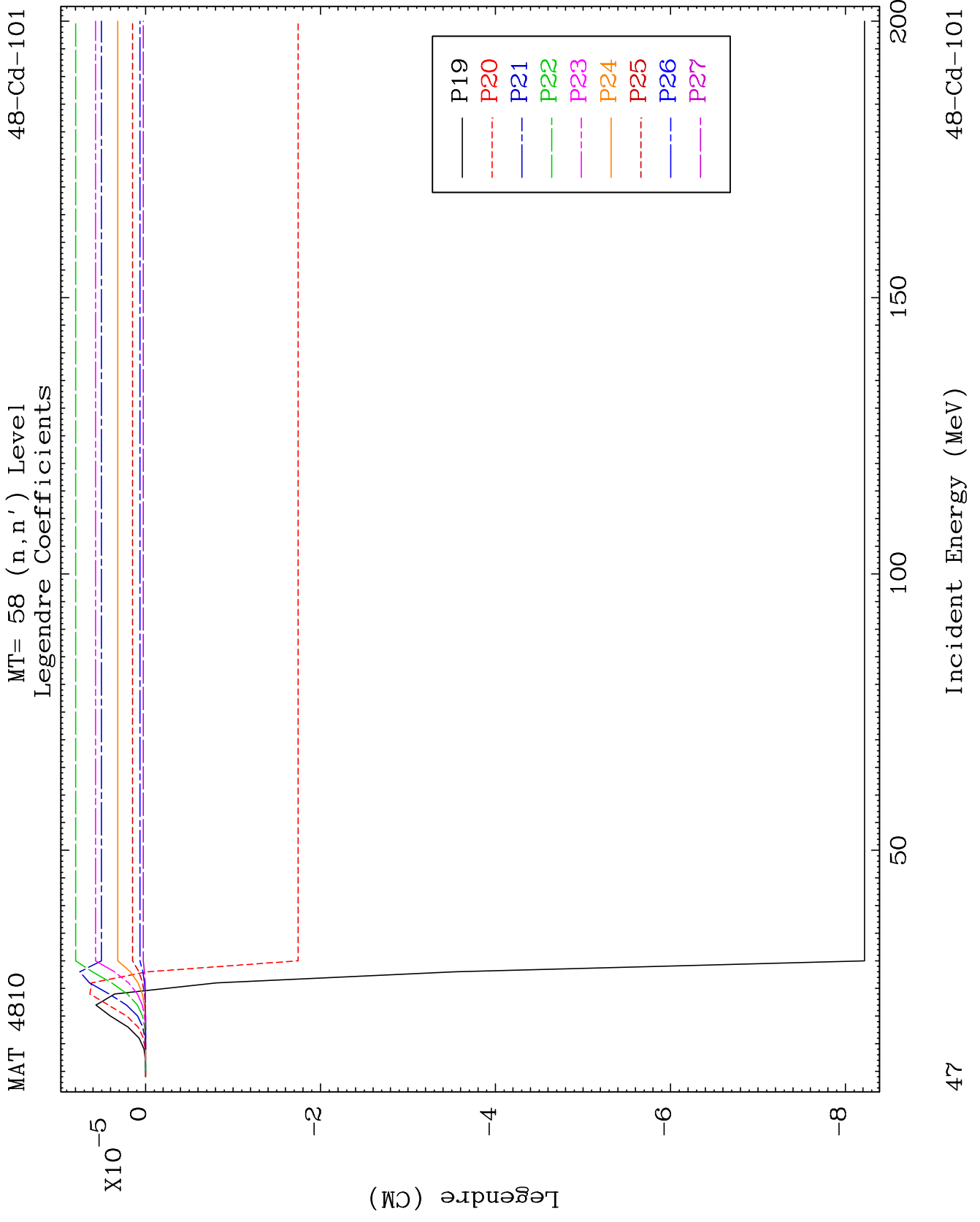
48-Cd-101



46

Incident Energy (MeV)

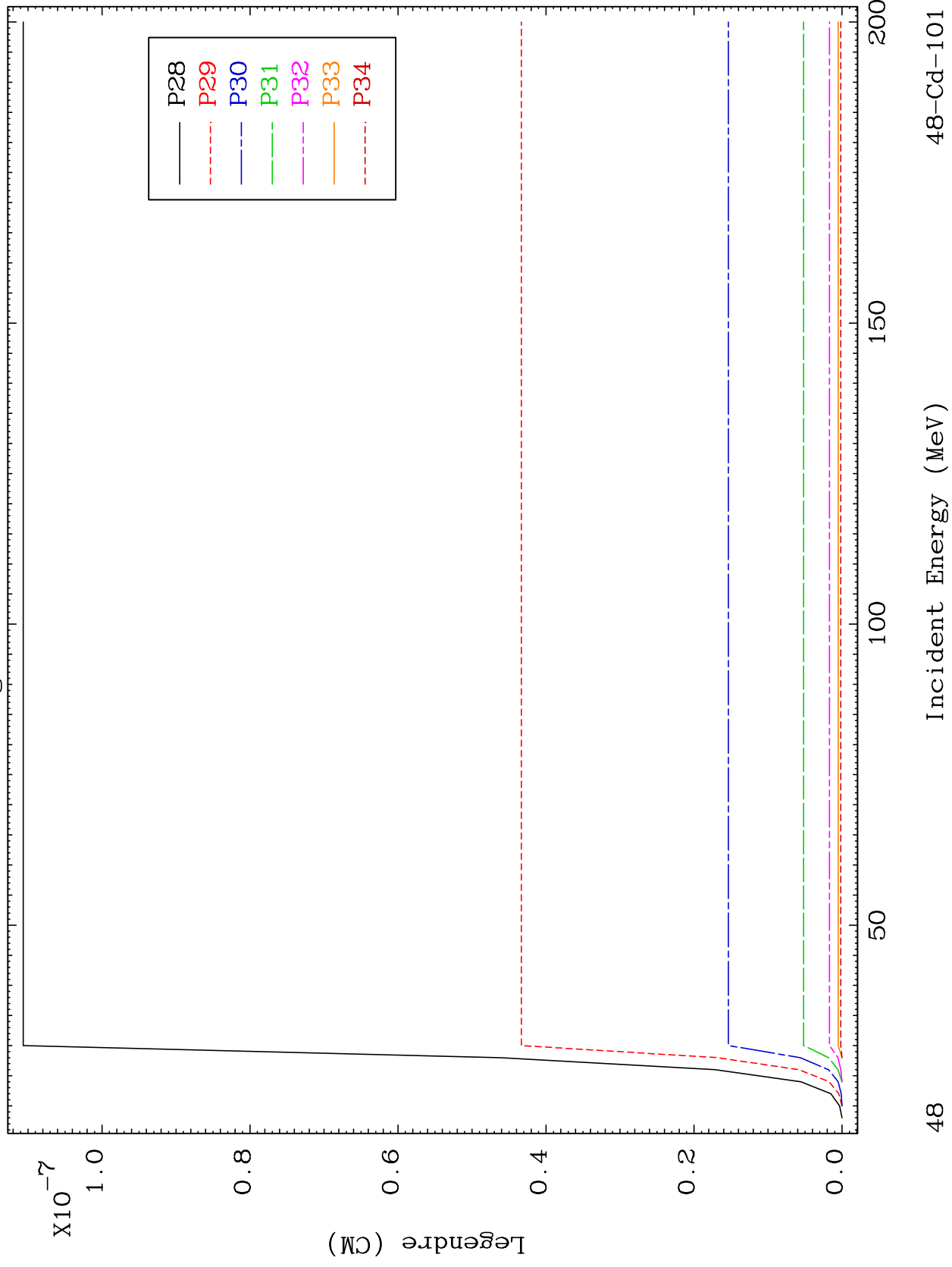
48-Cd-101



MAT 4810

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

48-Cd-101



48-Cd-101

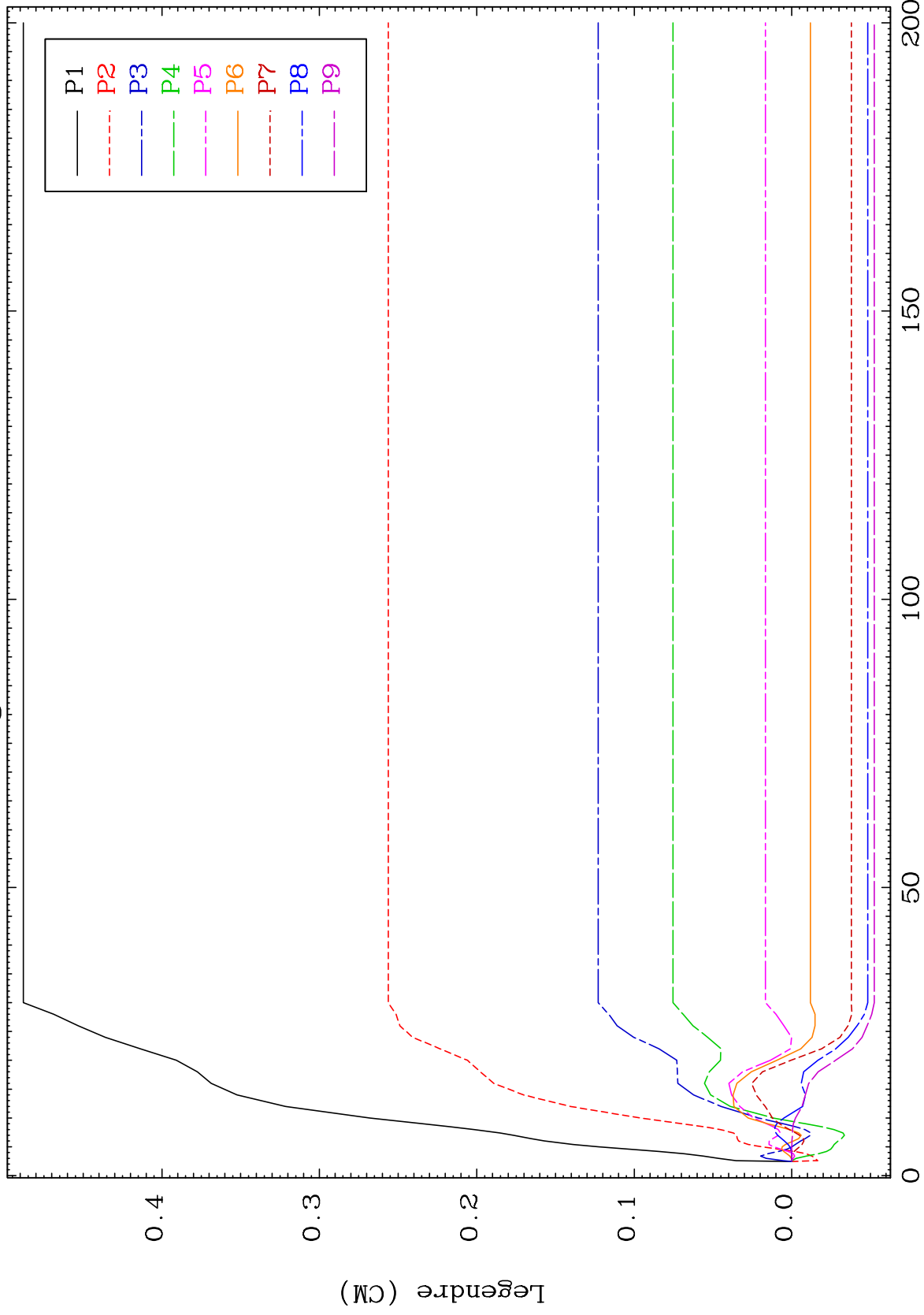
Incident Energy (MeV)

48

MAT 4810

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

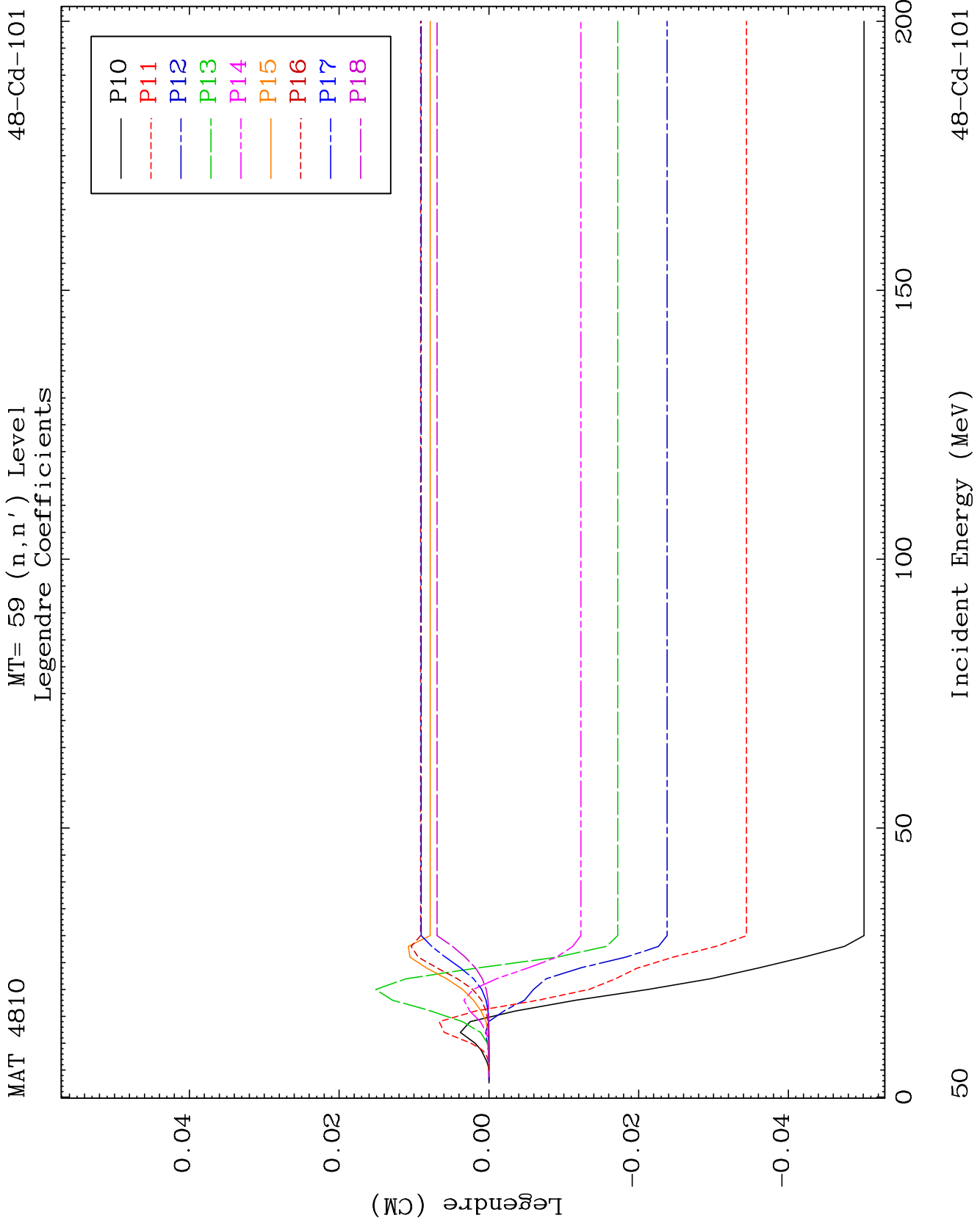
48-Cd-101

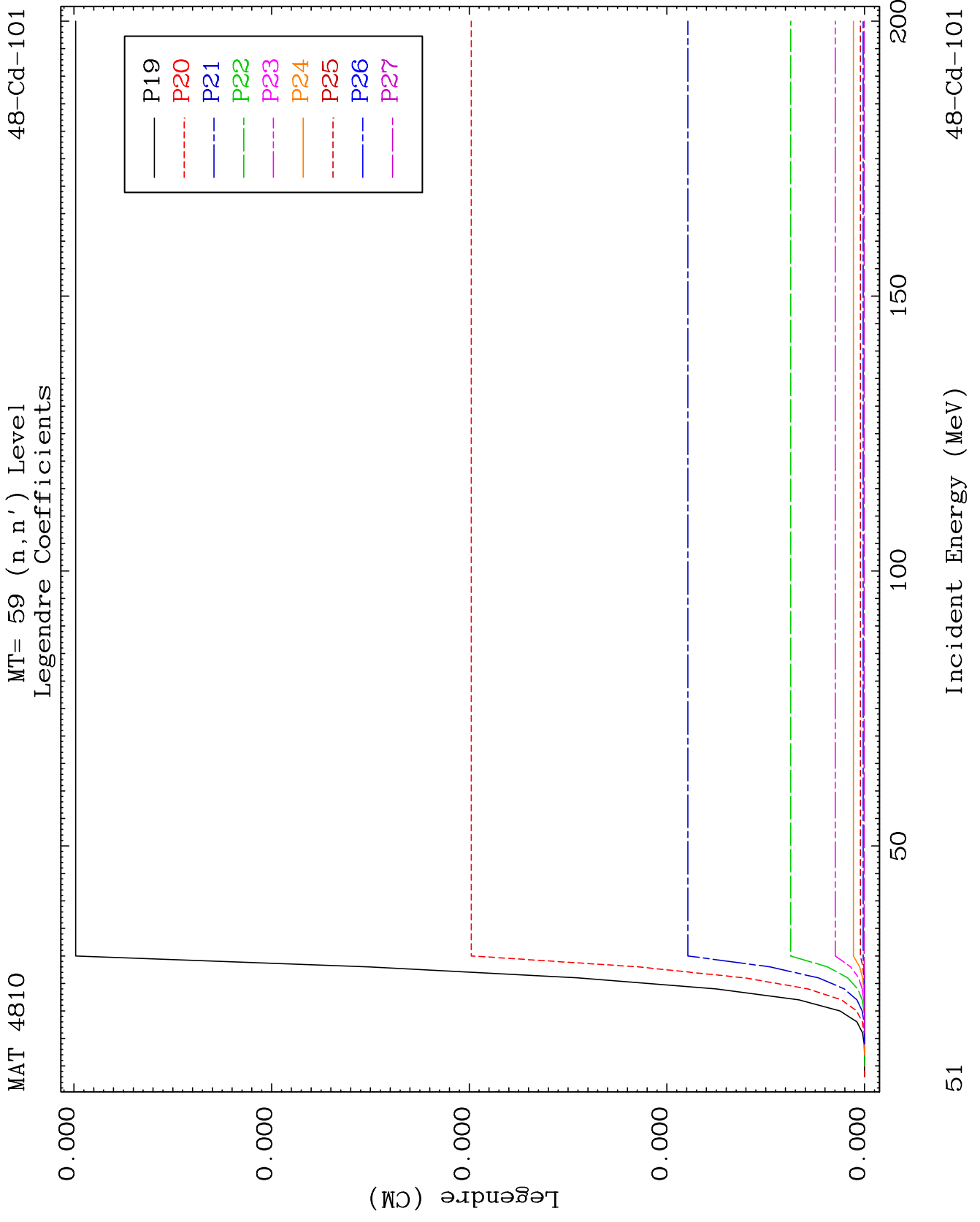


49

Incident Energy (MeV)

48-Cd-101

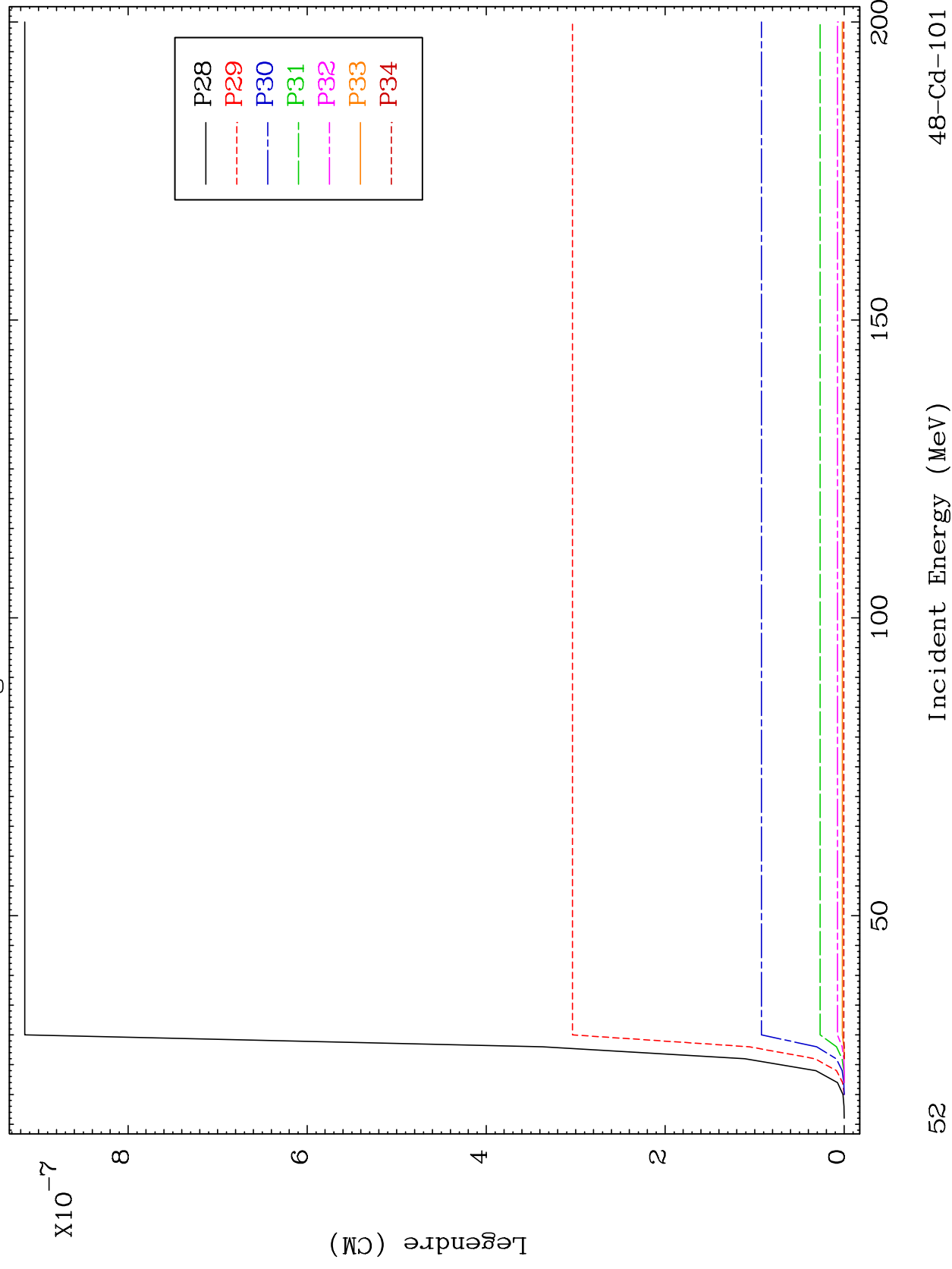




MAT 4810

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

48-Cd-101



52

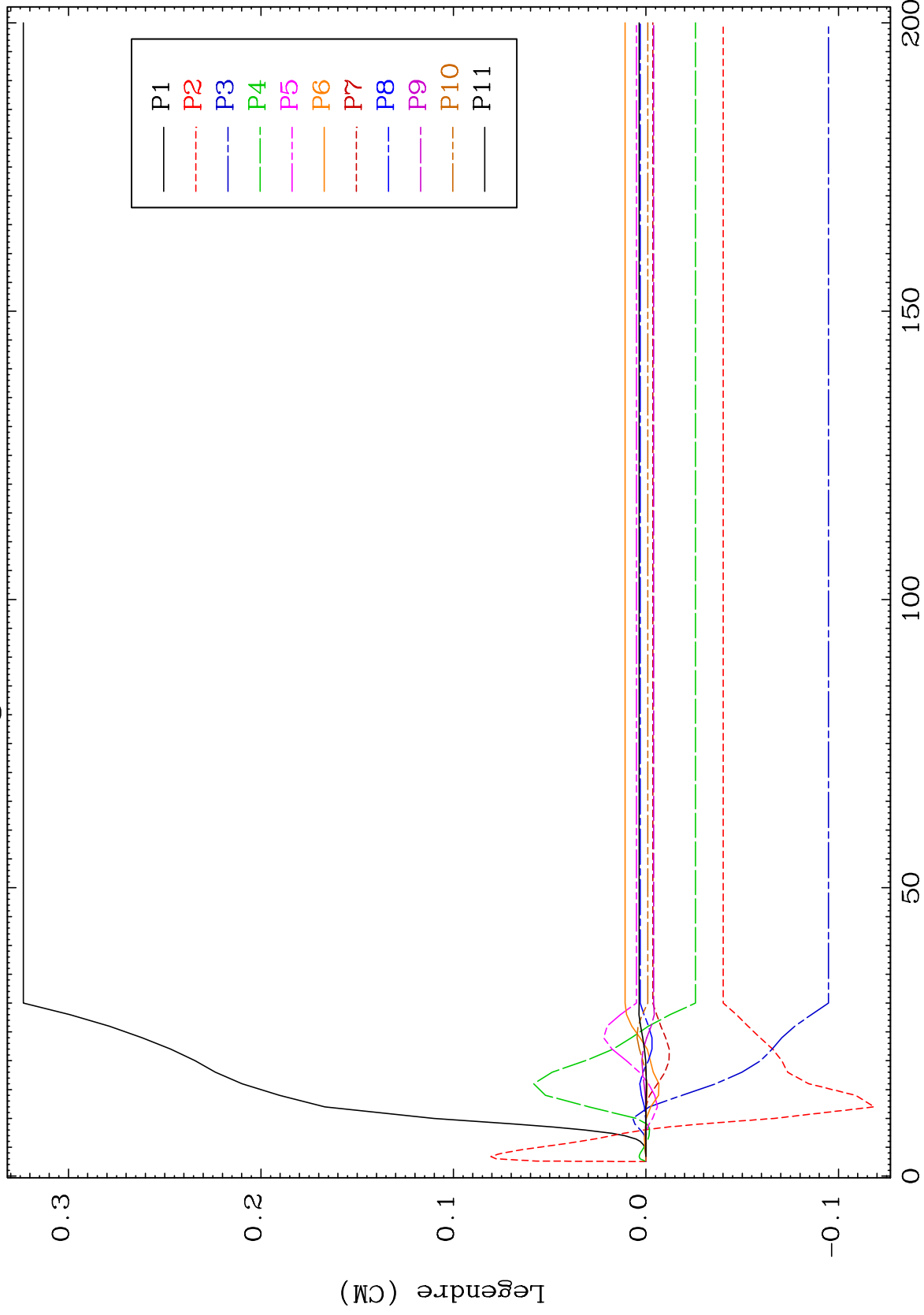
Incident Energy (MeV)

48-Cd-101

MAT 4810

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

48-Cd-101



53

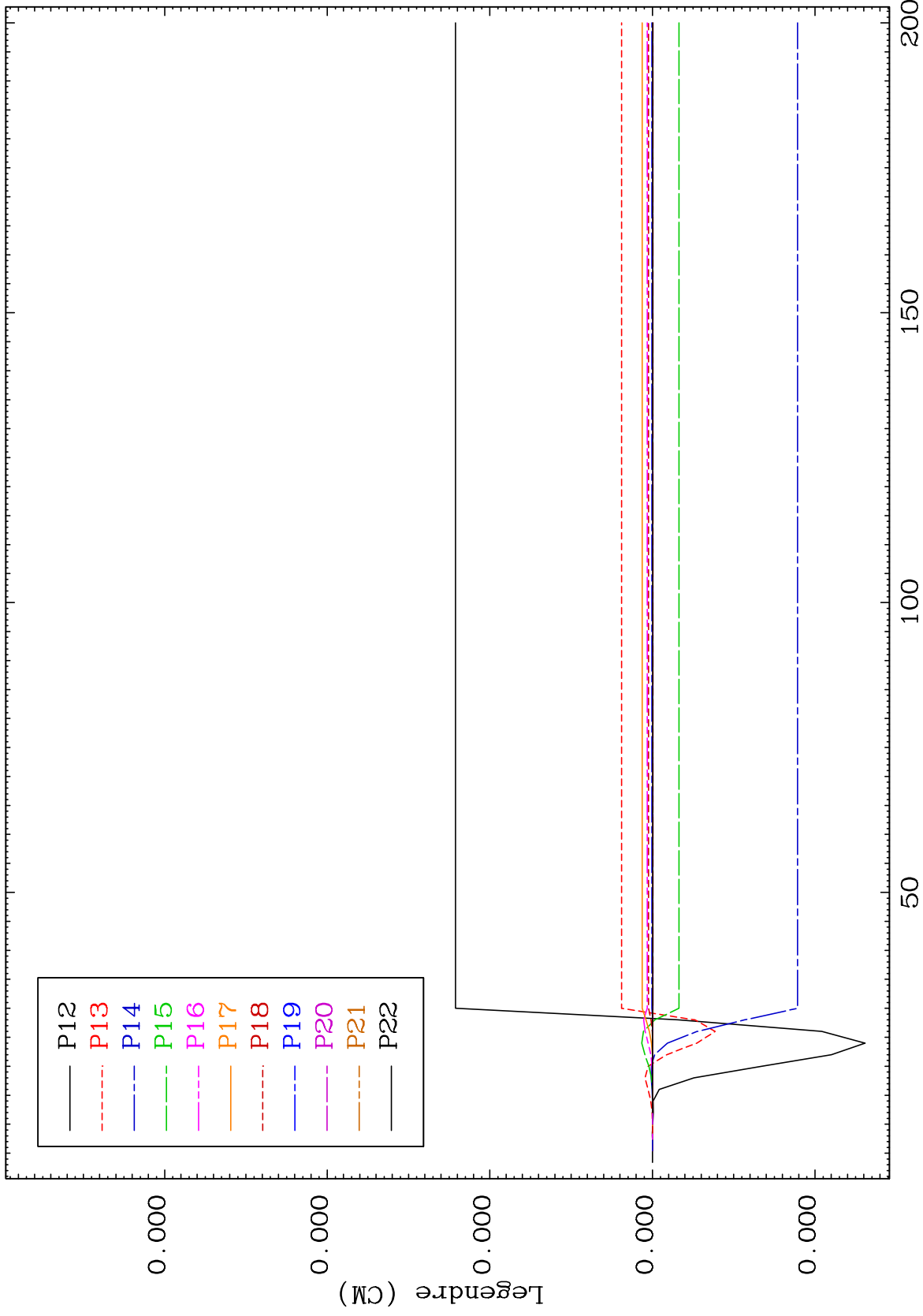
Incident Energy (MeV)

48-Cd-101

MAT 4810

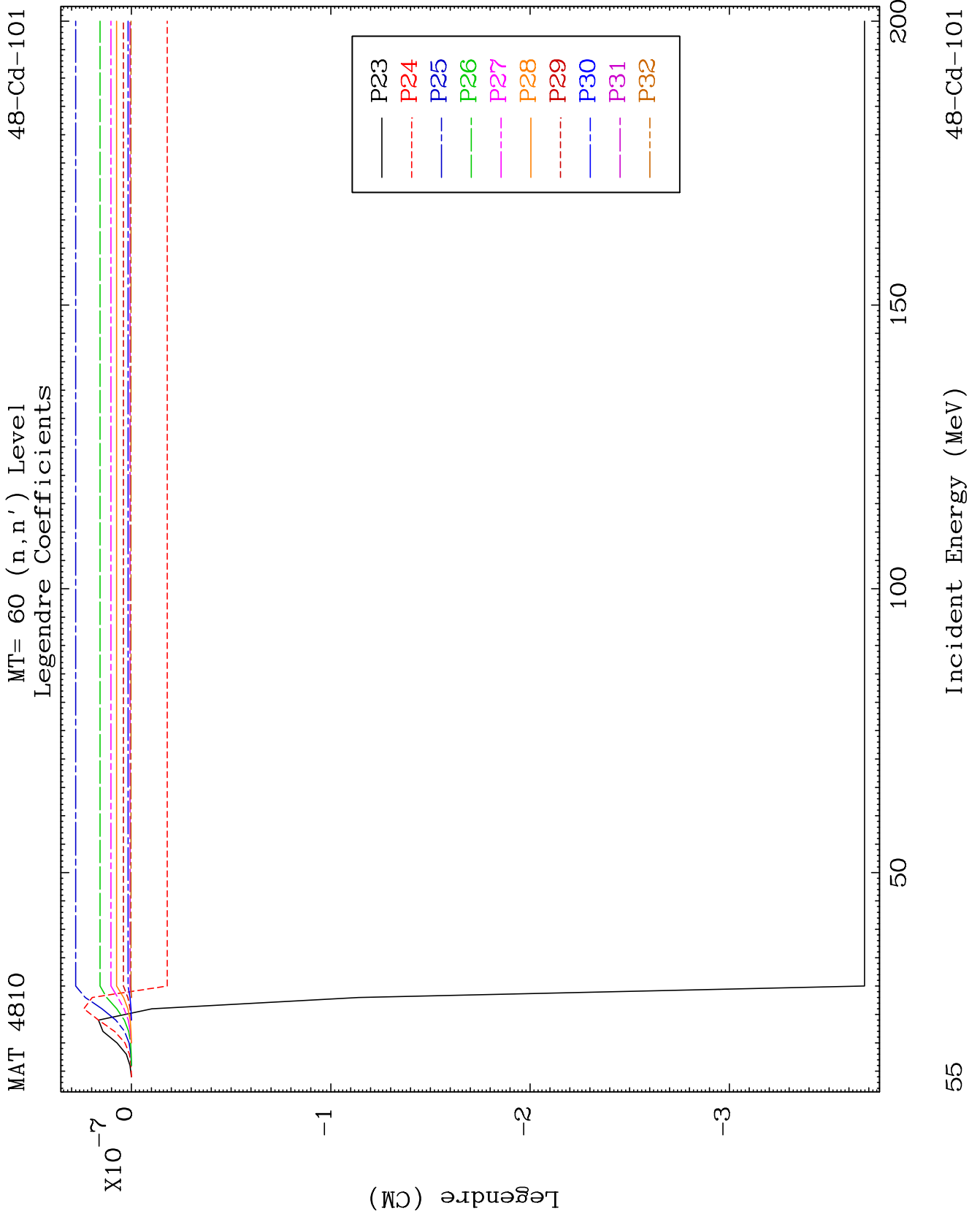
MT= 60 (n,n') Level
Legendre Coefficients

48-Cd-101



54

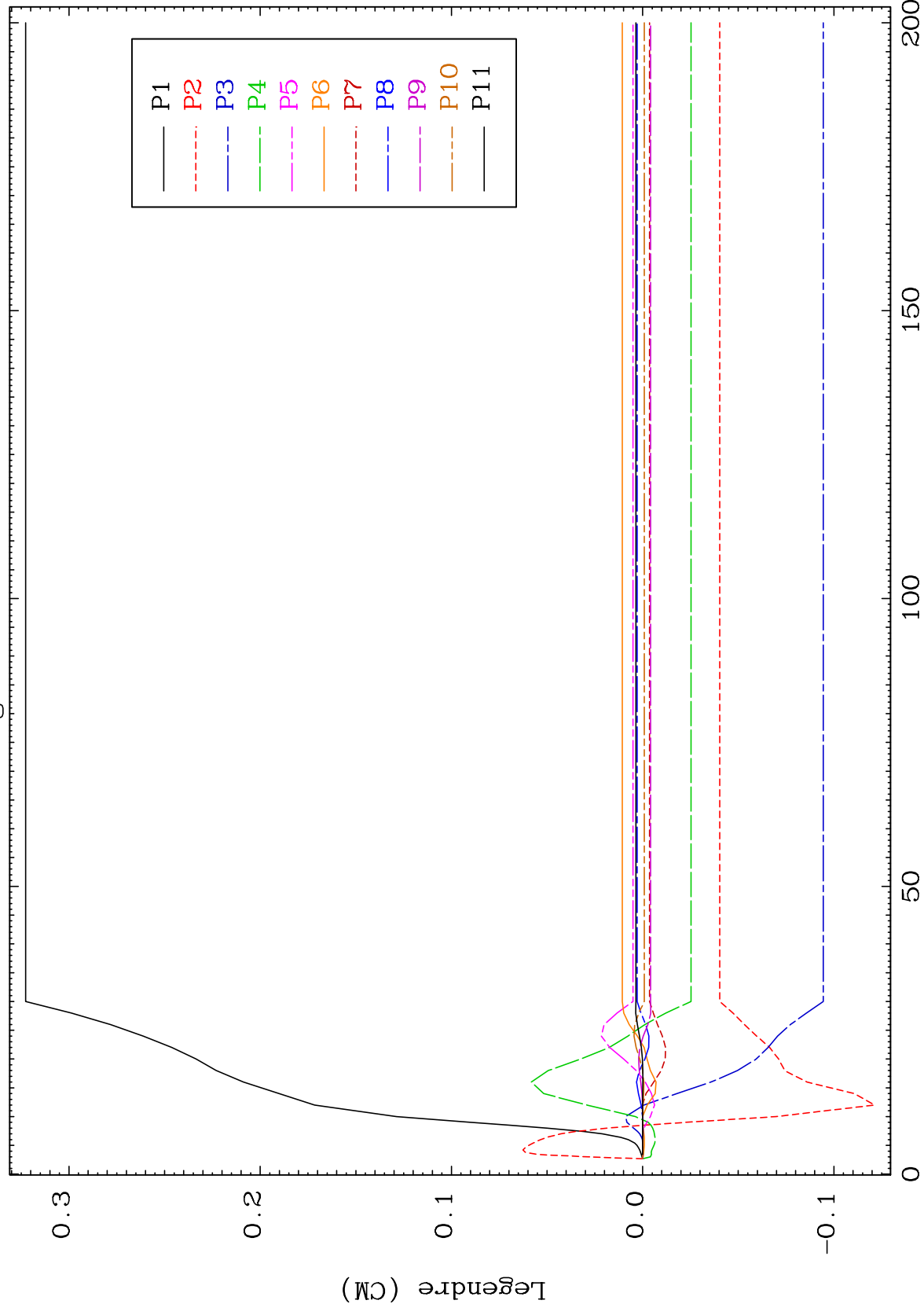
48-Cd-101



MAT 4810

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

48-Cd-101



56

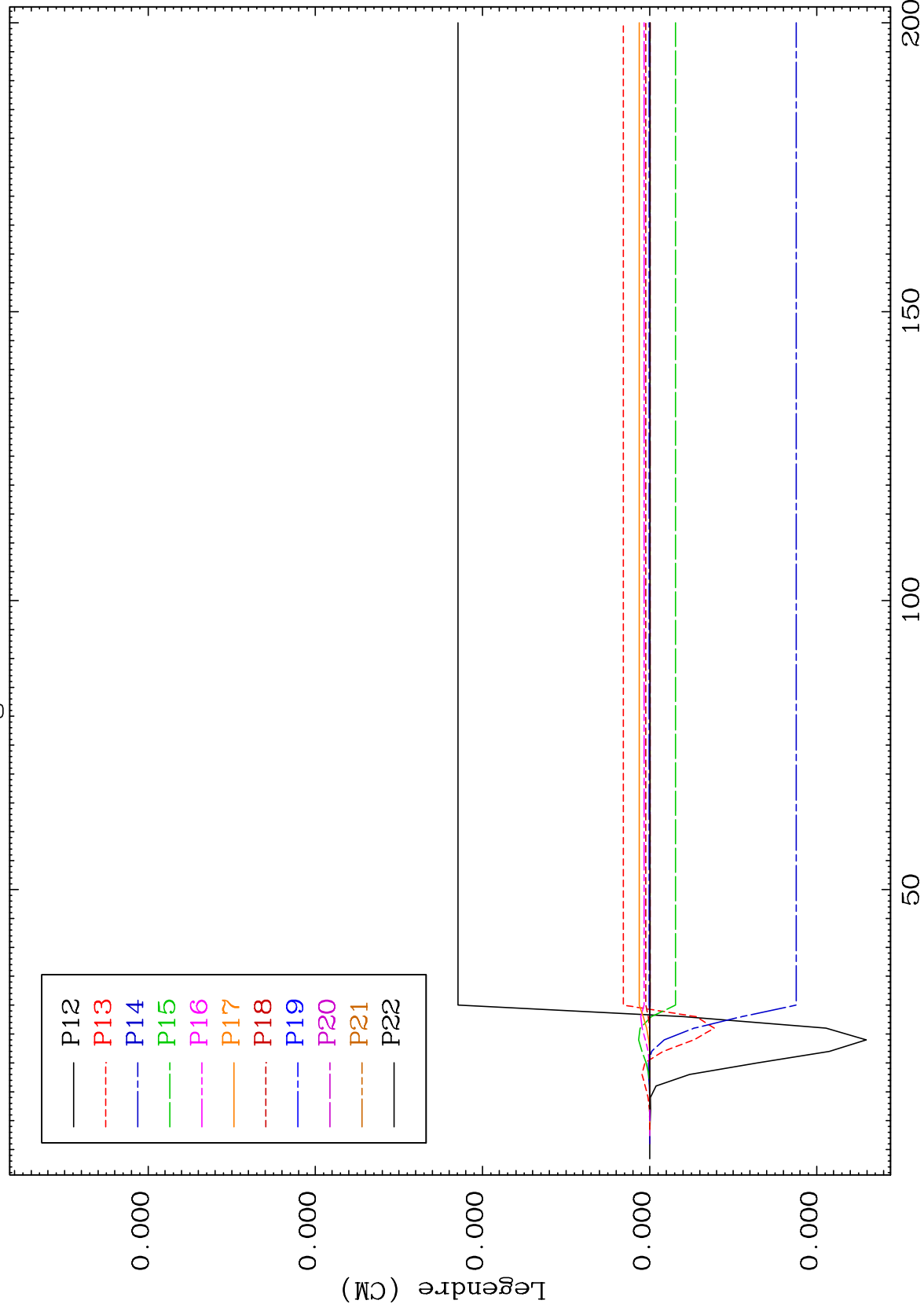
Incident Energy (MeV)

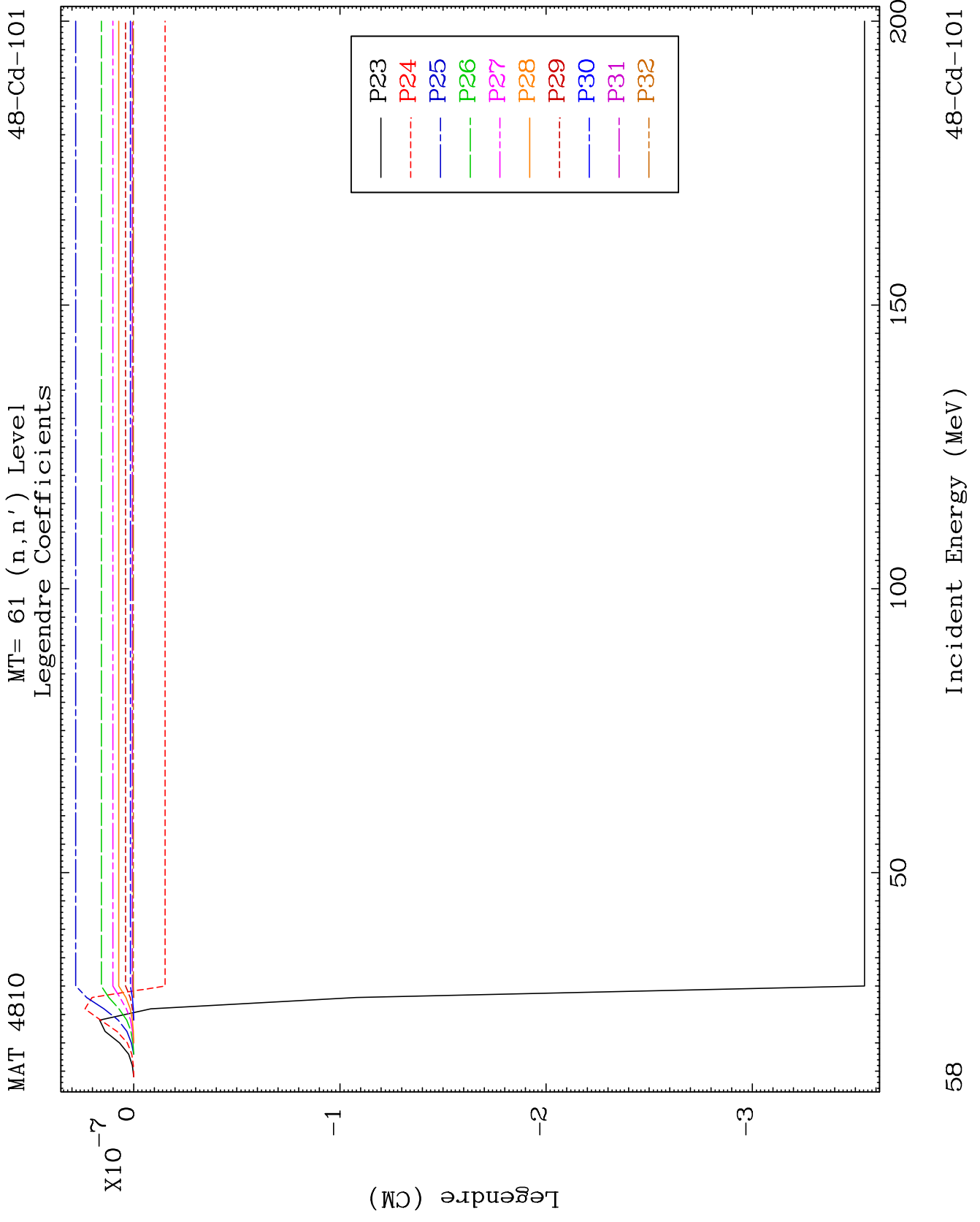
48-Cd-101

MAT 4810

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

48-Cd-101

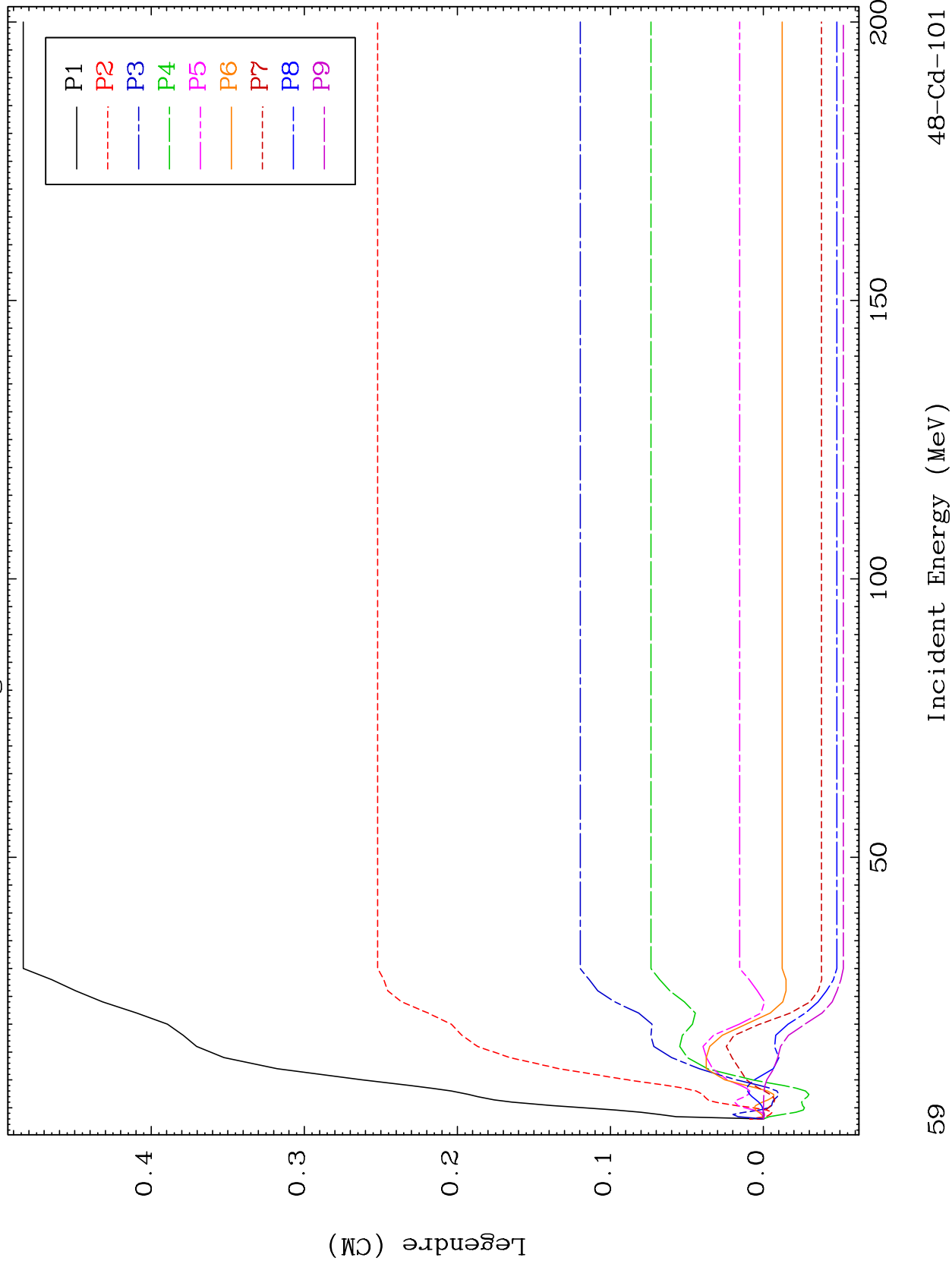




MAT 4810

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

48-Cd-101



59

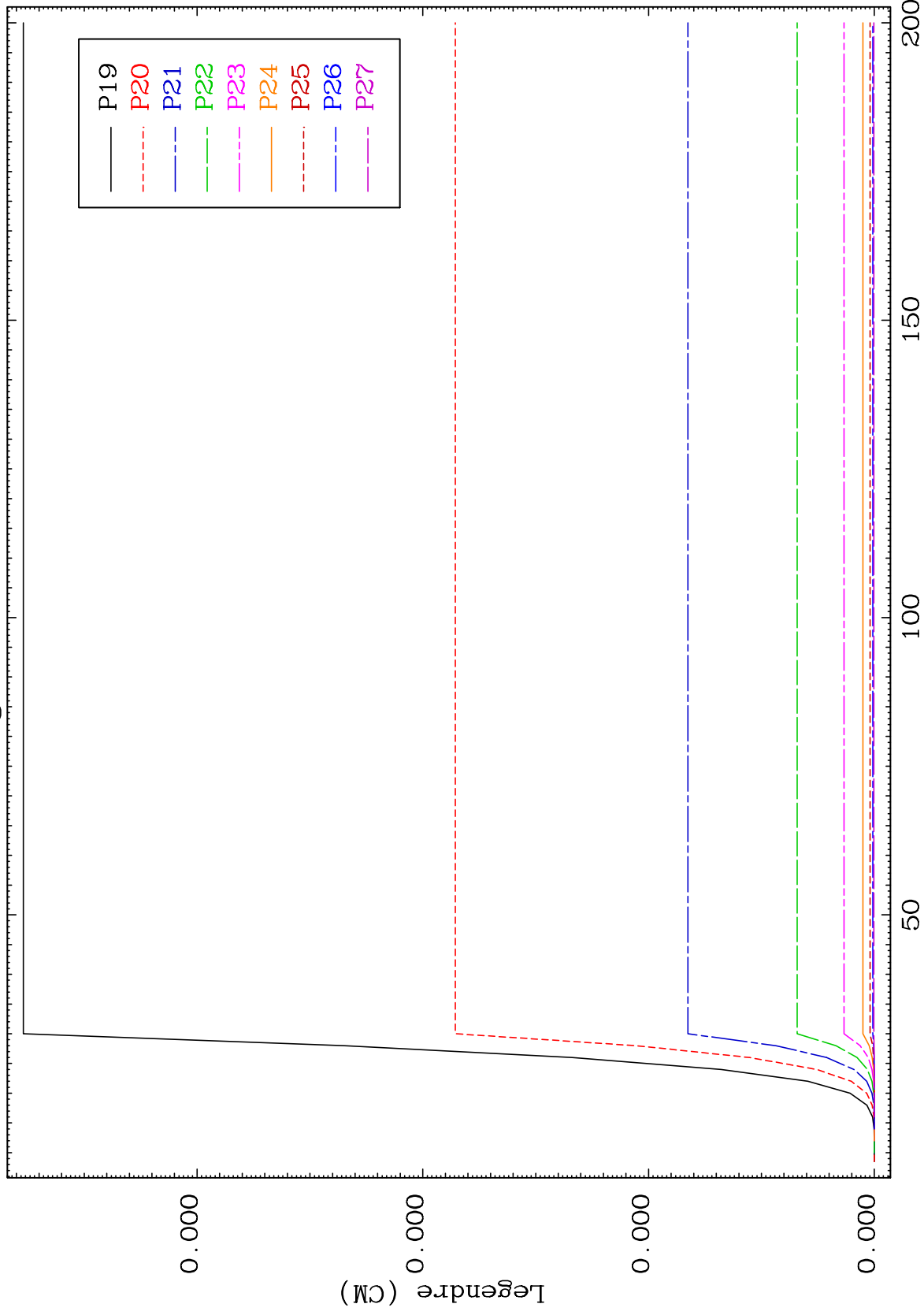
Incident Energy (MeV)

48-Cd-101

MAT 4810

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

48-Cd-101



61

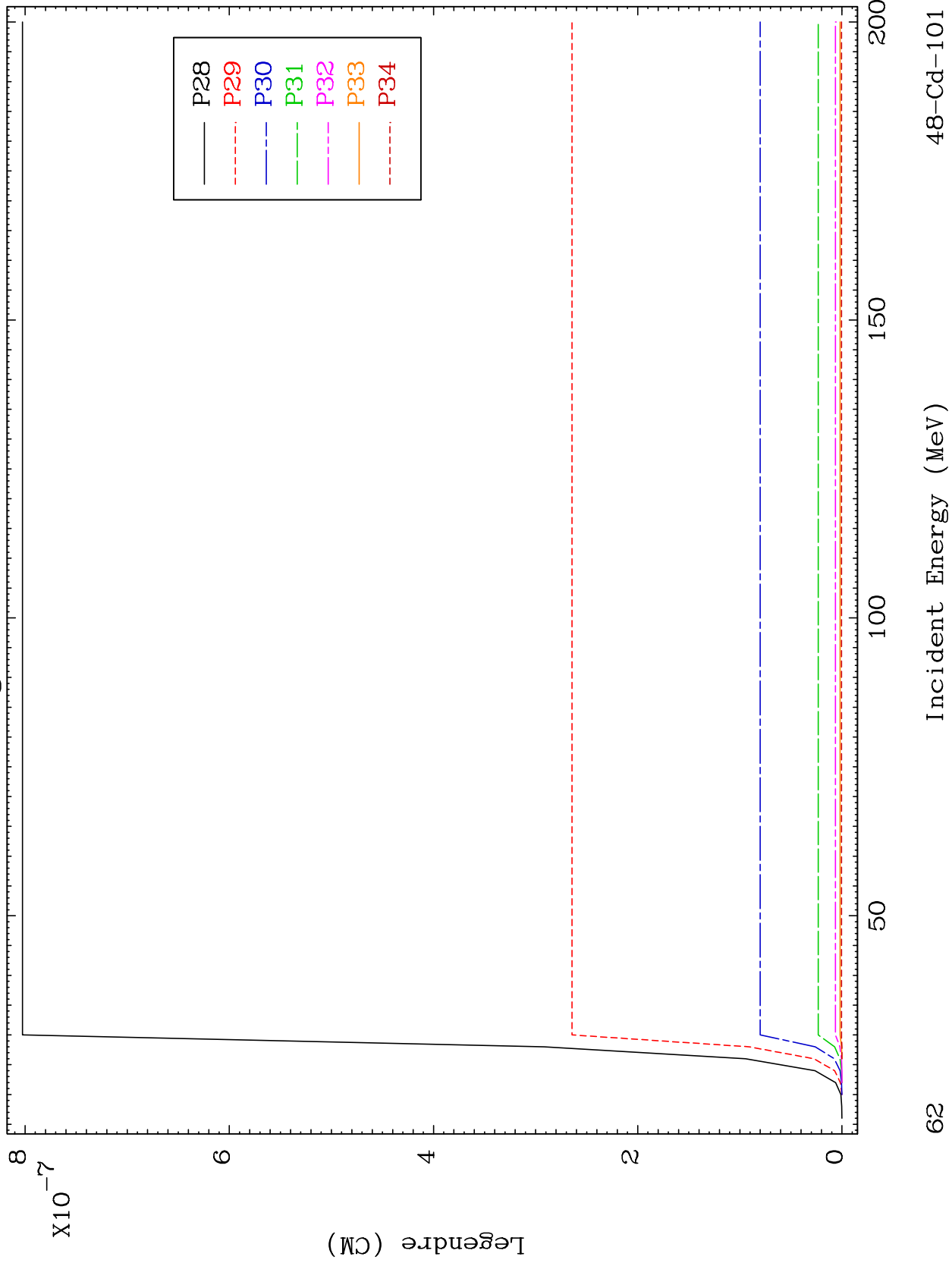
Incident Energy (MeV)

48-Cd-101

MAT 4810

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

48-Cd-101



62

Incident Energy (MeV)

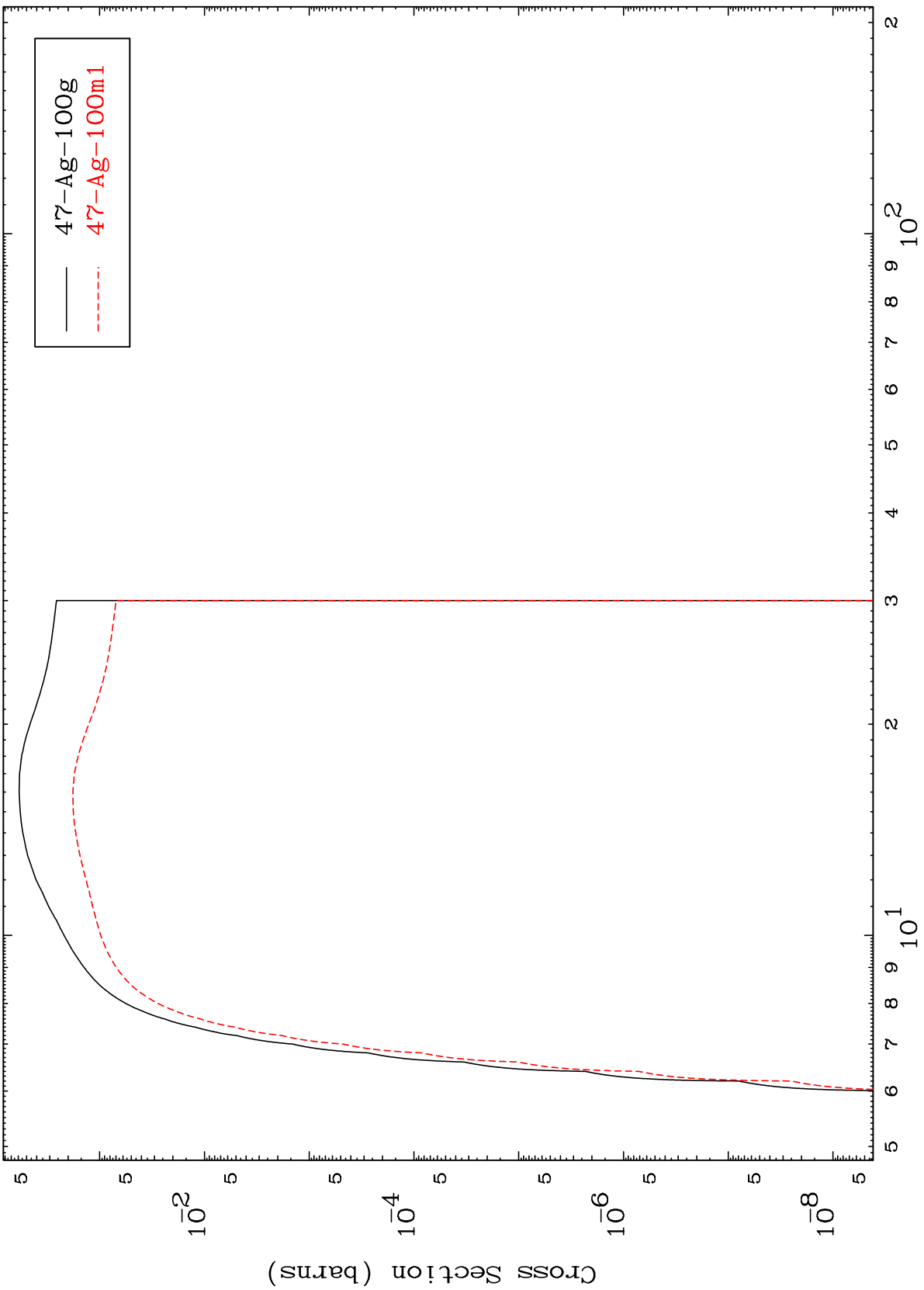
48-Cd-101

MAT 4810

(n,n') p

48-Cd-101

Radionuclide Production Cross Section



63

Incident Energy (MeV)

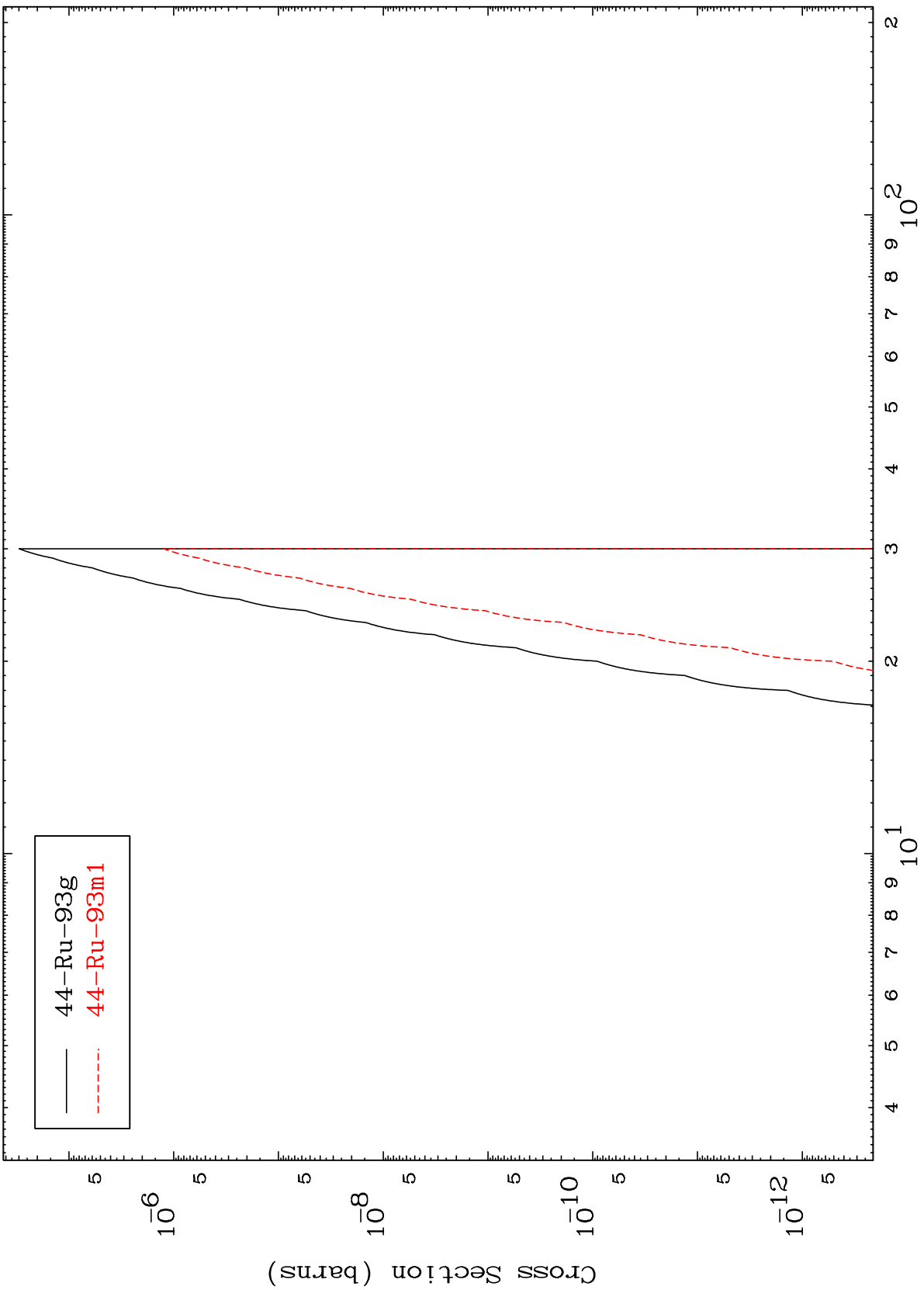
48-Cd-101

MAT 4810

48-Cd-101

(n,n') 2α

Radionuclide Production Cross Section



64

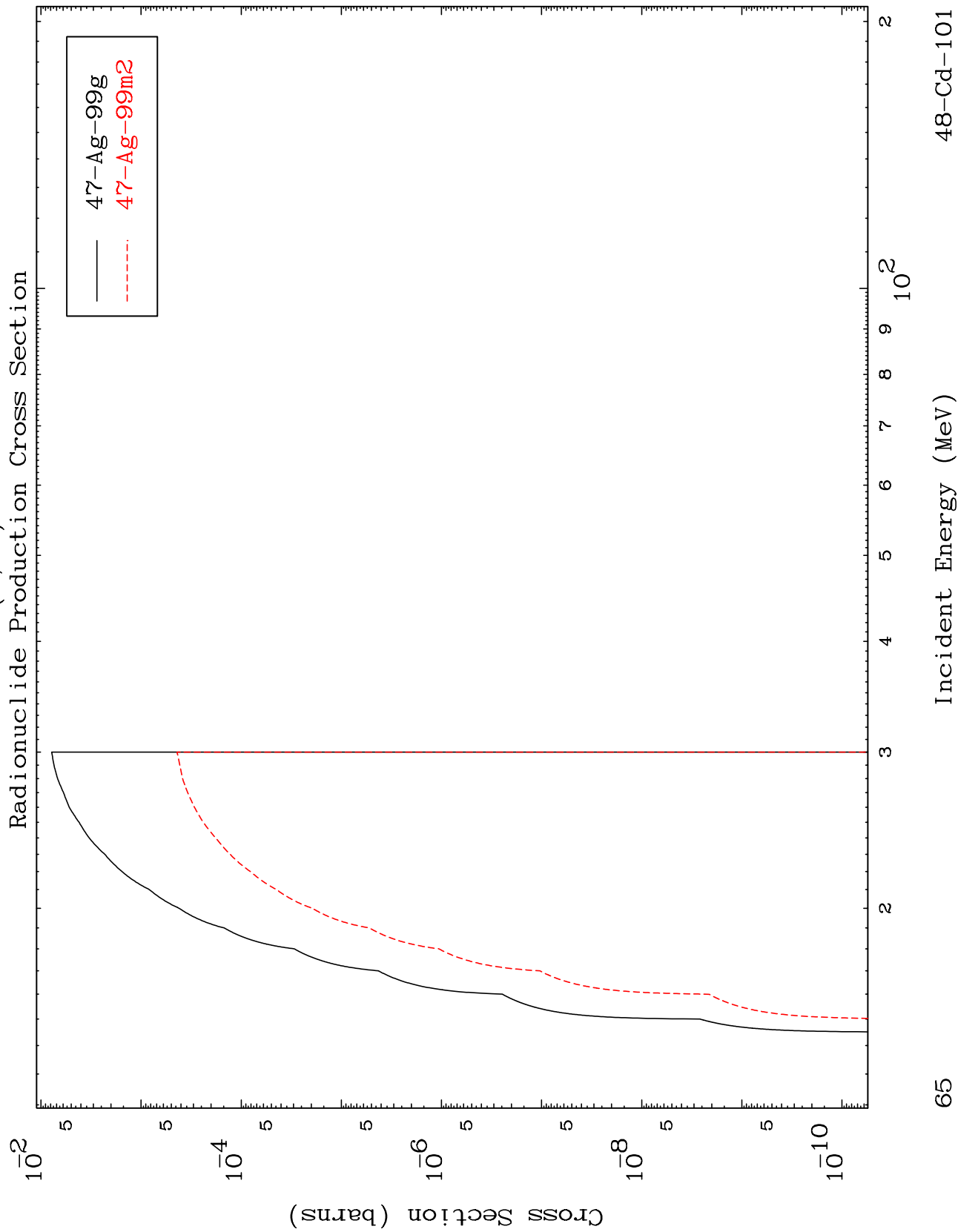
Incident Energy (MeV)

48-Cd-101

MAT 4810

(n,n') d

48-Cd-101



65

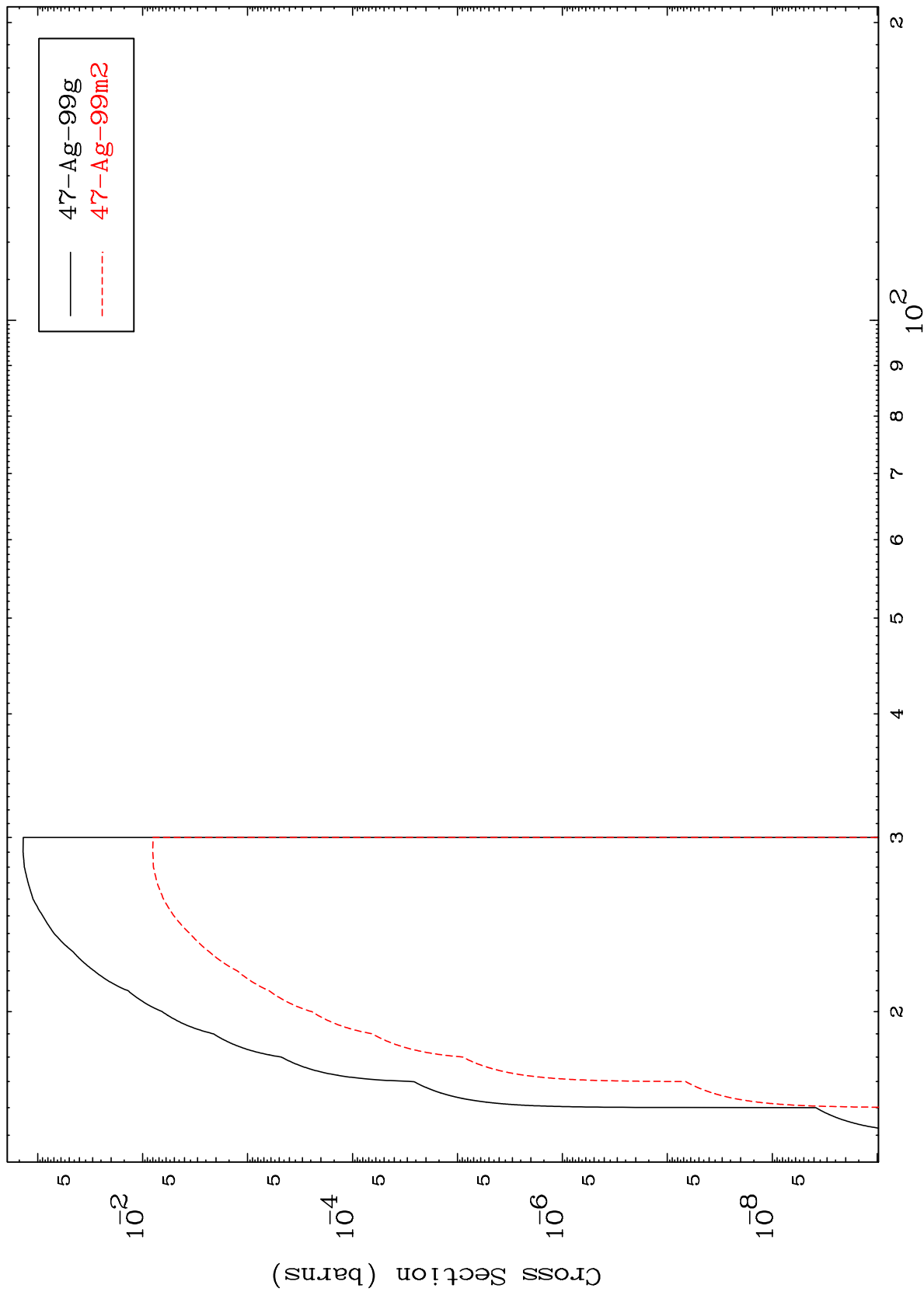
48-Cd-101

MAT 4810

(n,2n) p

48-Cd-101

Radionuclide Production Cross Section



66

Incident Energy (MeV)

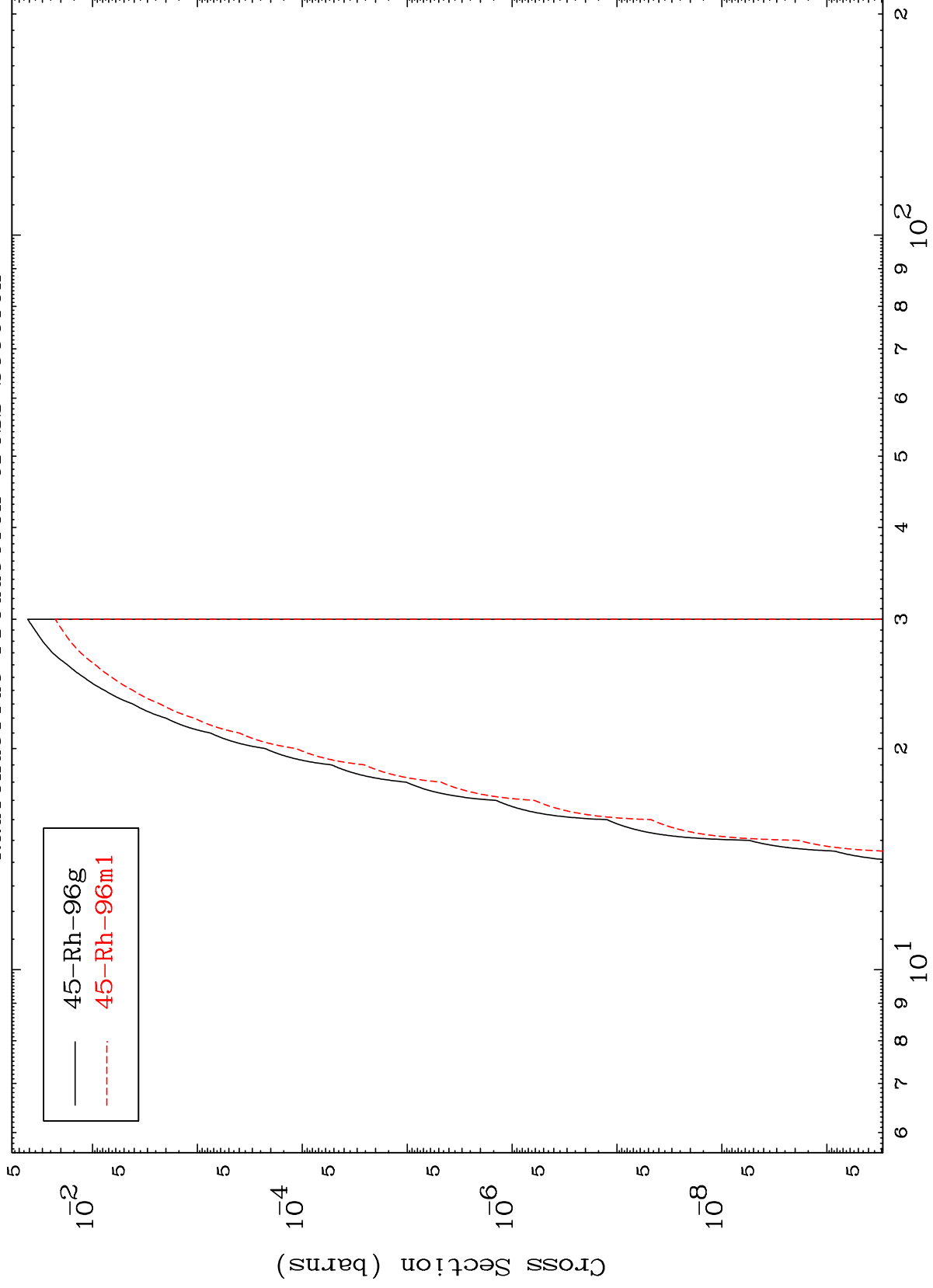
48-Cd-101

MAT 4810

(n,n') p α

48-Cd-101

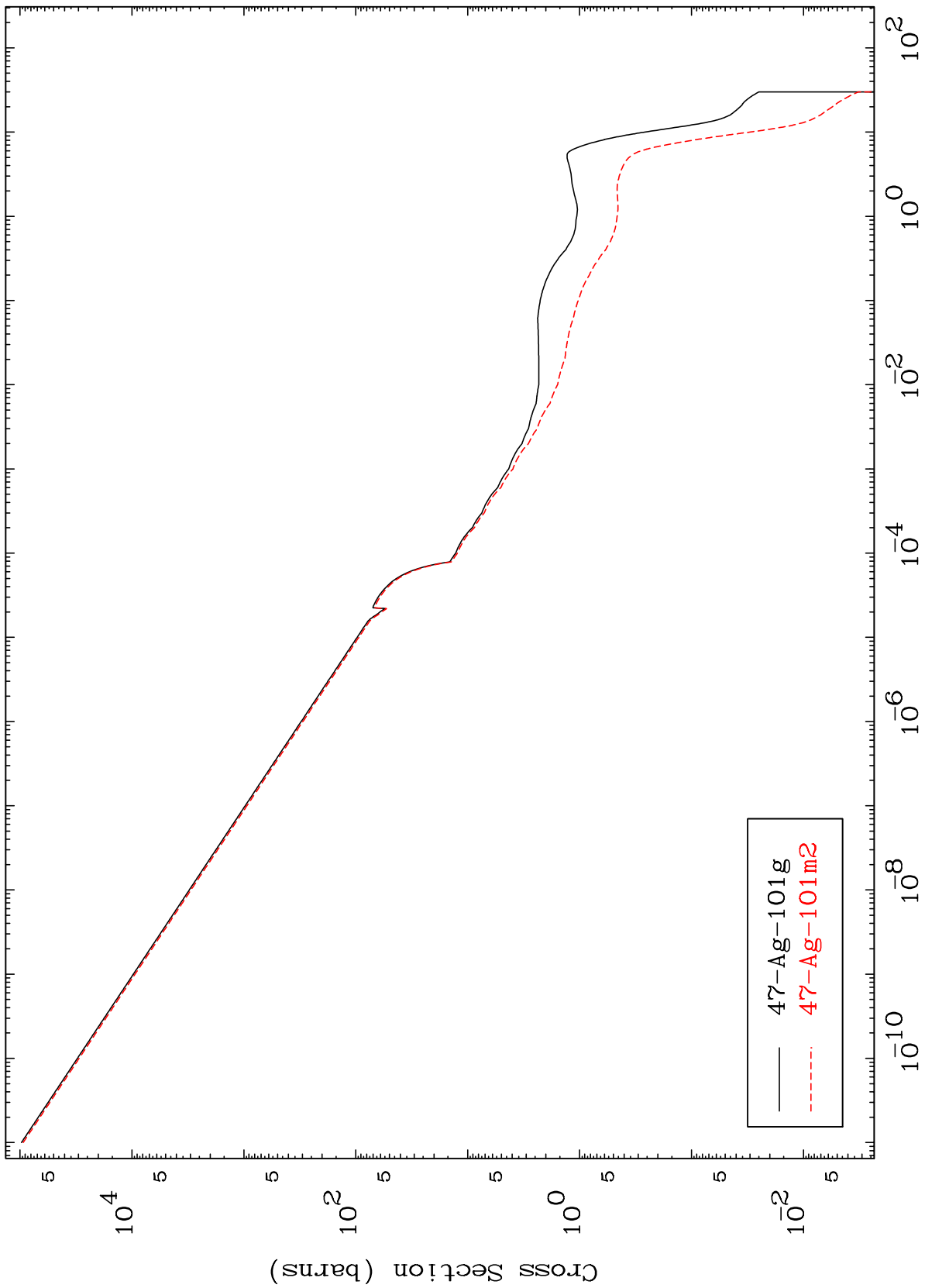
Radionuclide Production Cross Section



MAT 4810

48-Cd-101

(n,p)
Radionuclide Production Cross Section



68

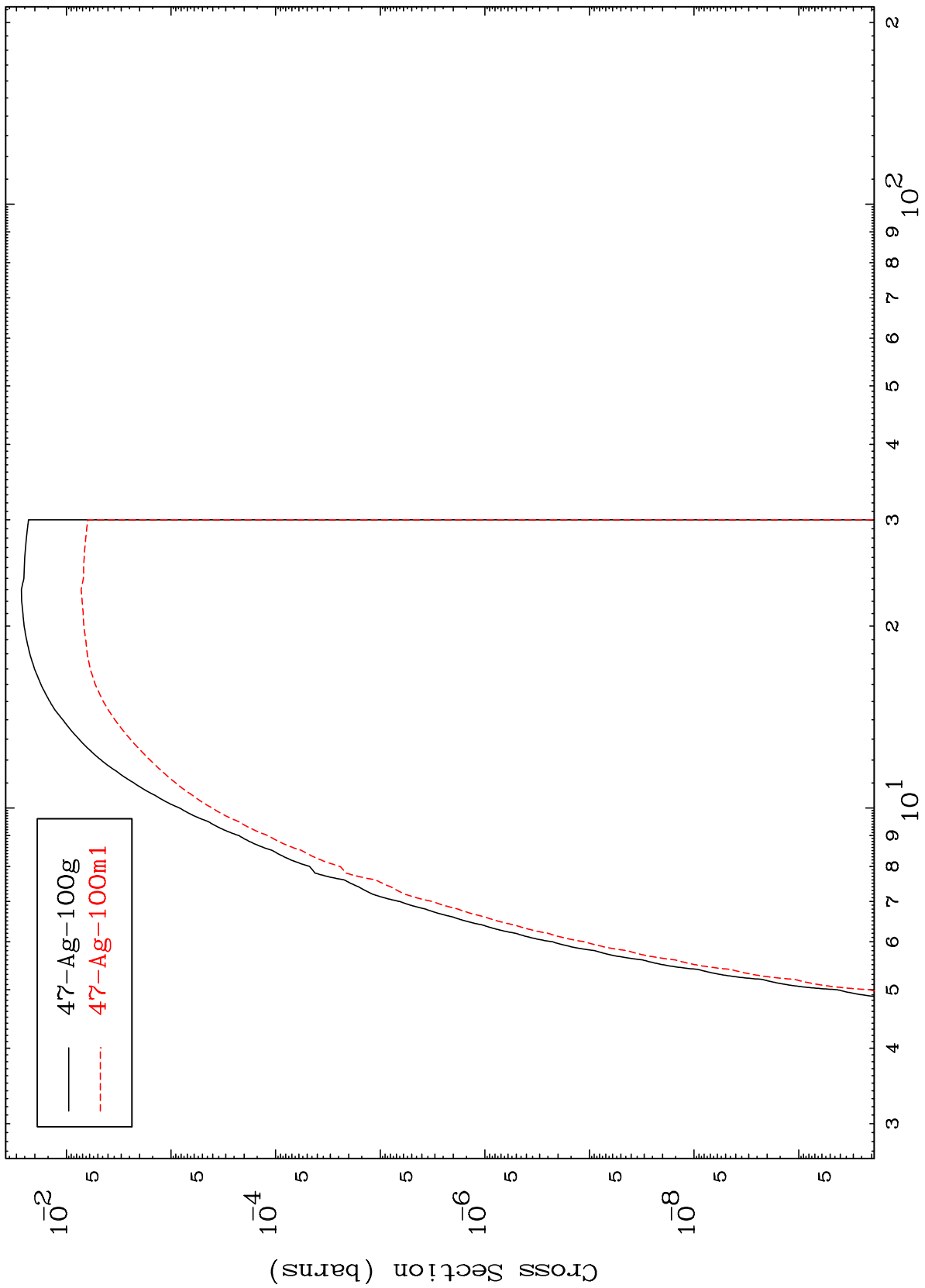
48-Cd-101

Incident Energy (MeV)

MAT 4810

48-Cd-101

(n,d)
Radionuclide Production Cross Section



69

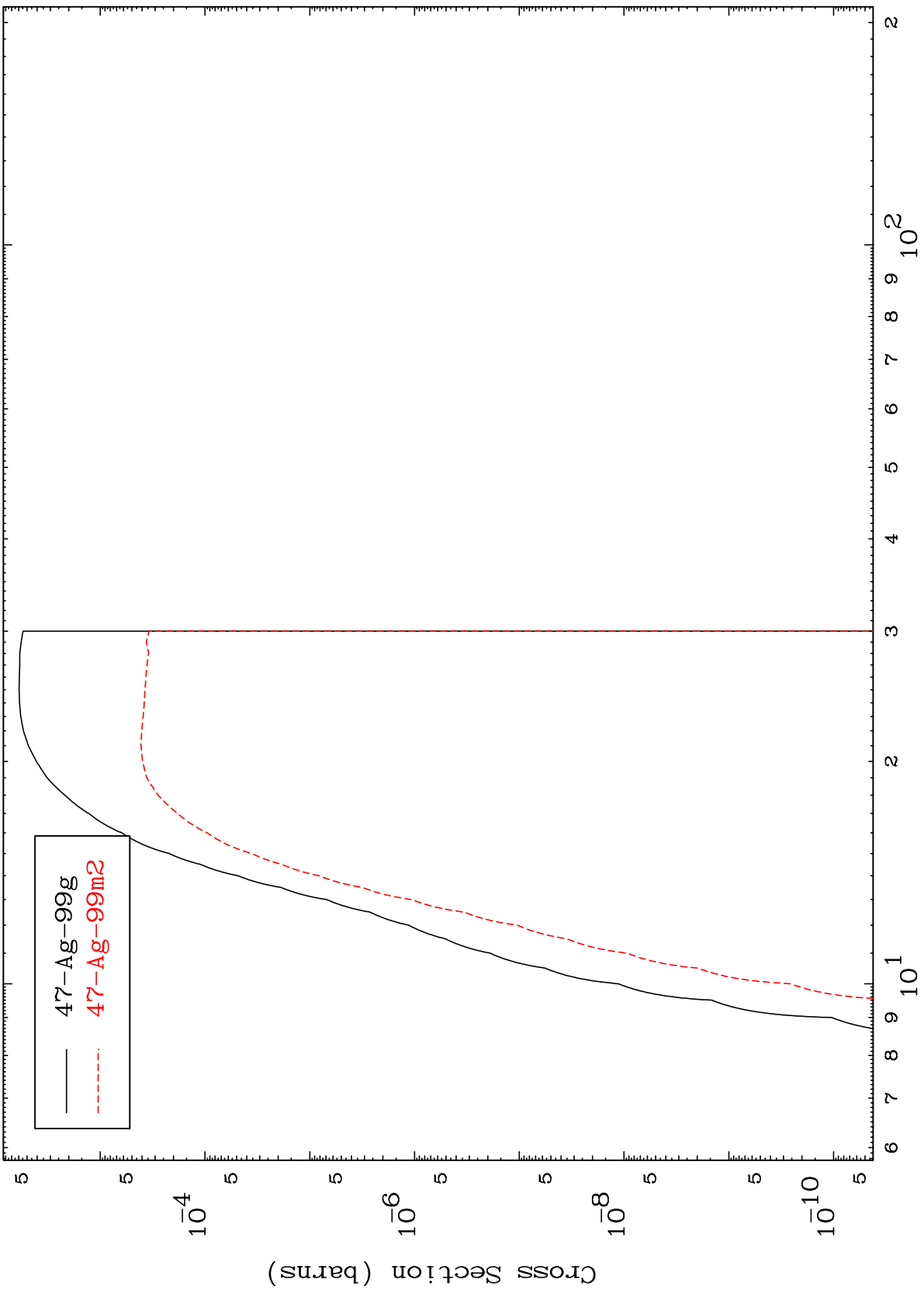
Incident Energy (MeV)

48-Cd-101

MAT 4810

48-Cd-101

(n,t)
Radionuclide Production Cross Section



70

Incident Energy (MeV)

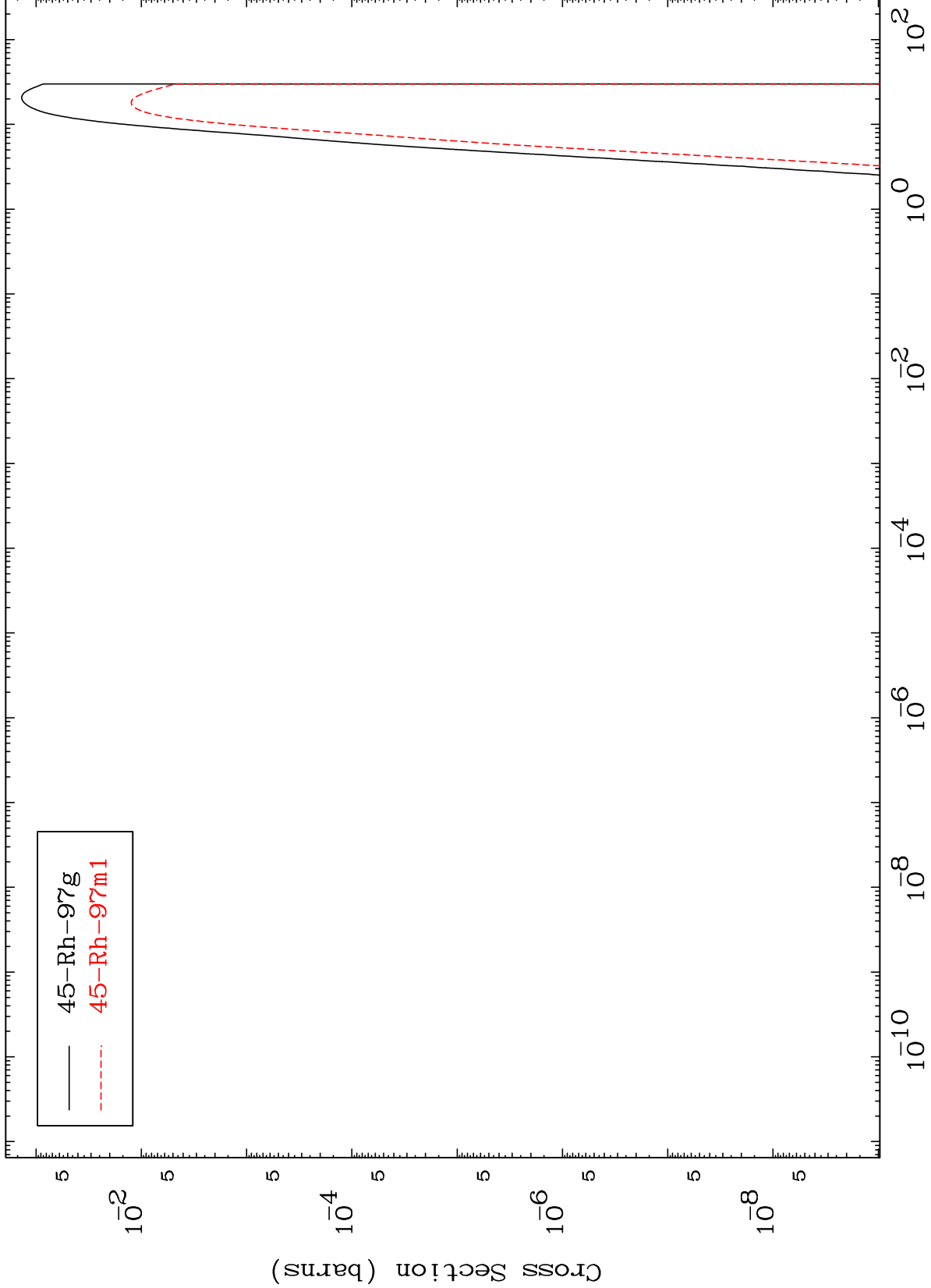
48-Cd-101

MAT 4810

(n,p) α

48-Cd-101

Radionuclide Production Cross Section

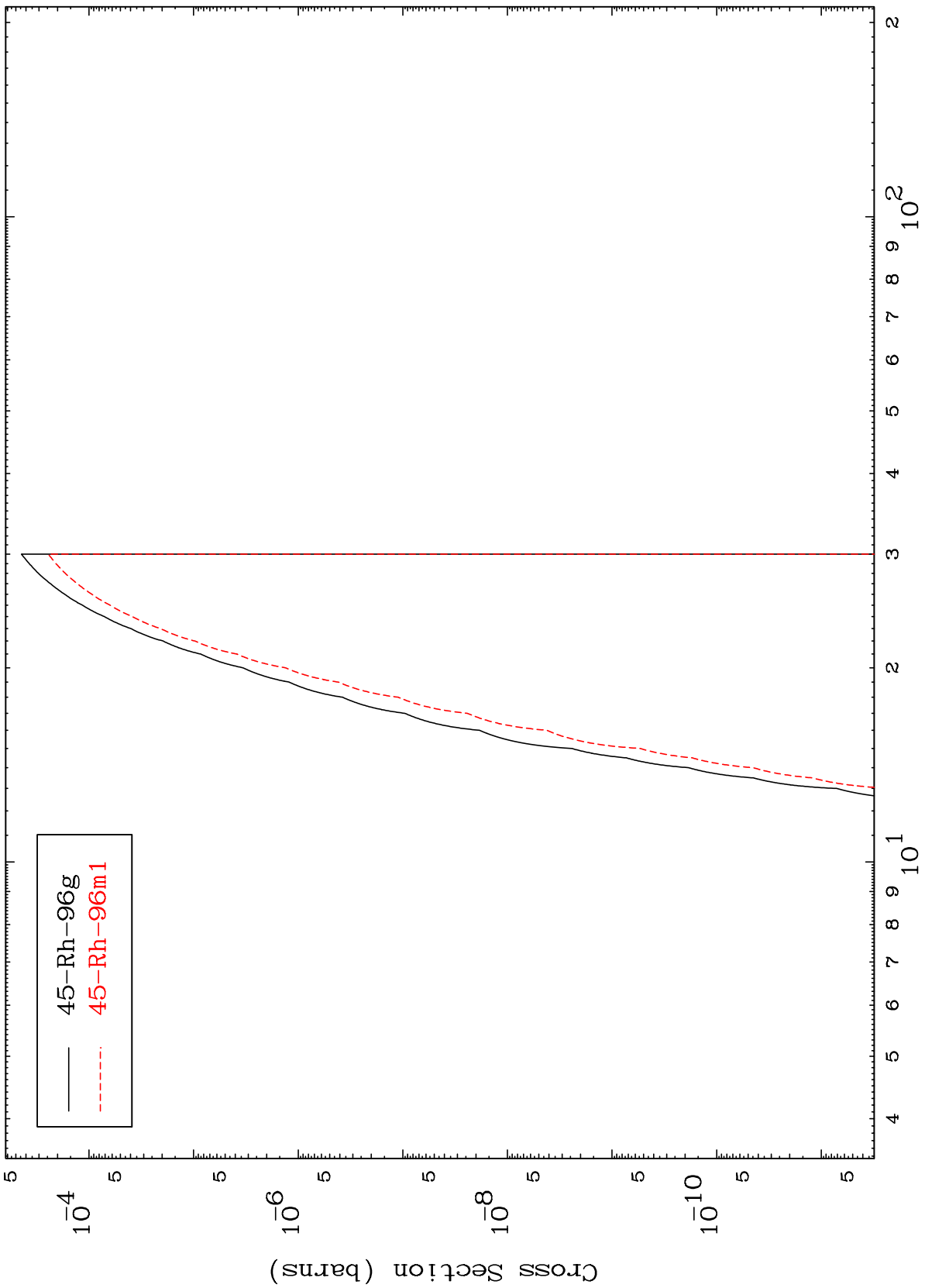


MAT 4810

(n,d) α

48-Cd-101

Radionuclide Production Cross Section



72

Incident Energy (MeV)

48-Cd-101