

Program EVALPLOT
(Version 2021-1)

by

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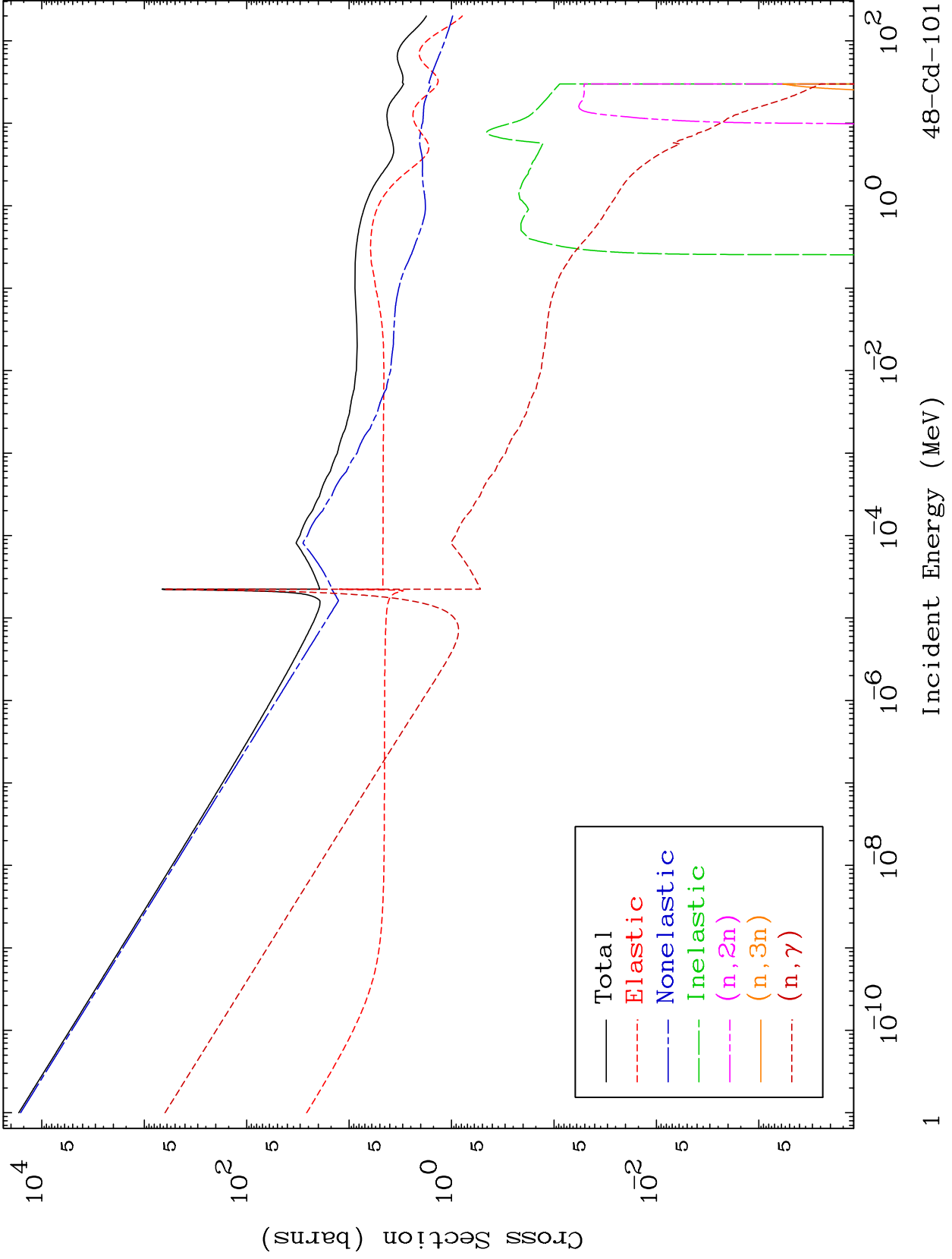
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4810

Neutron Major
293 Kelvin Cross Sections

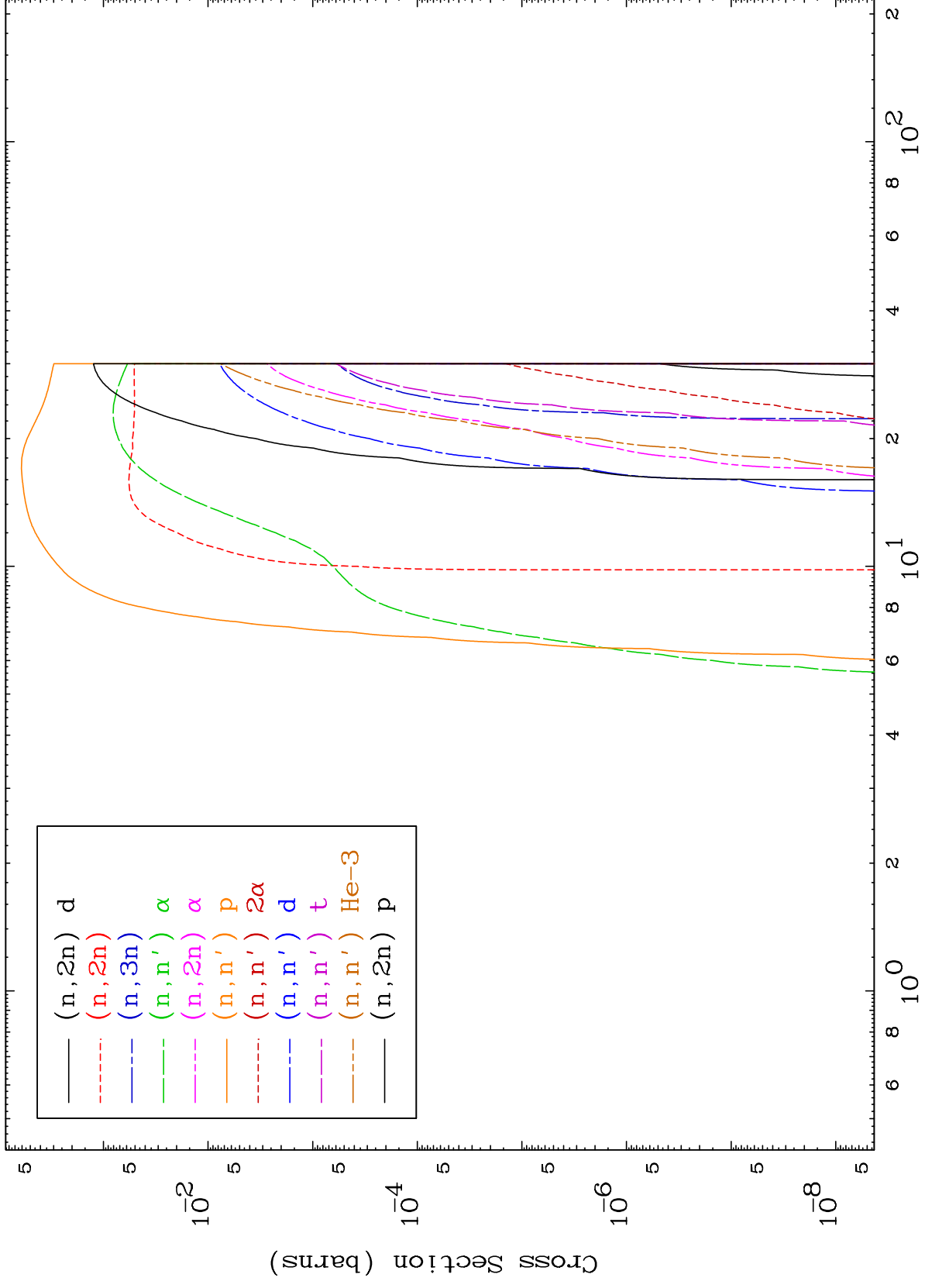
48-Cd-101



MAT 4810

Neutron Absorption
293 Kelvin Cross Sections

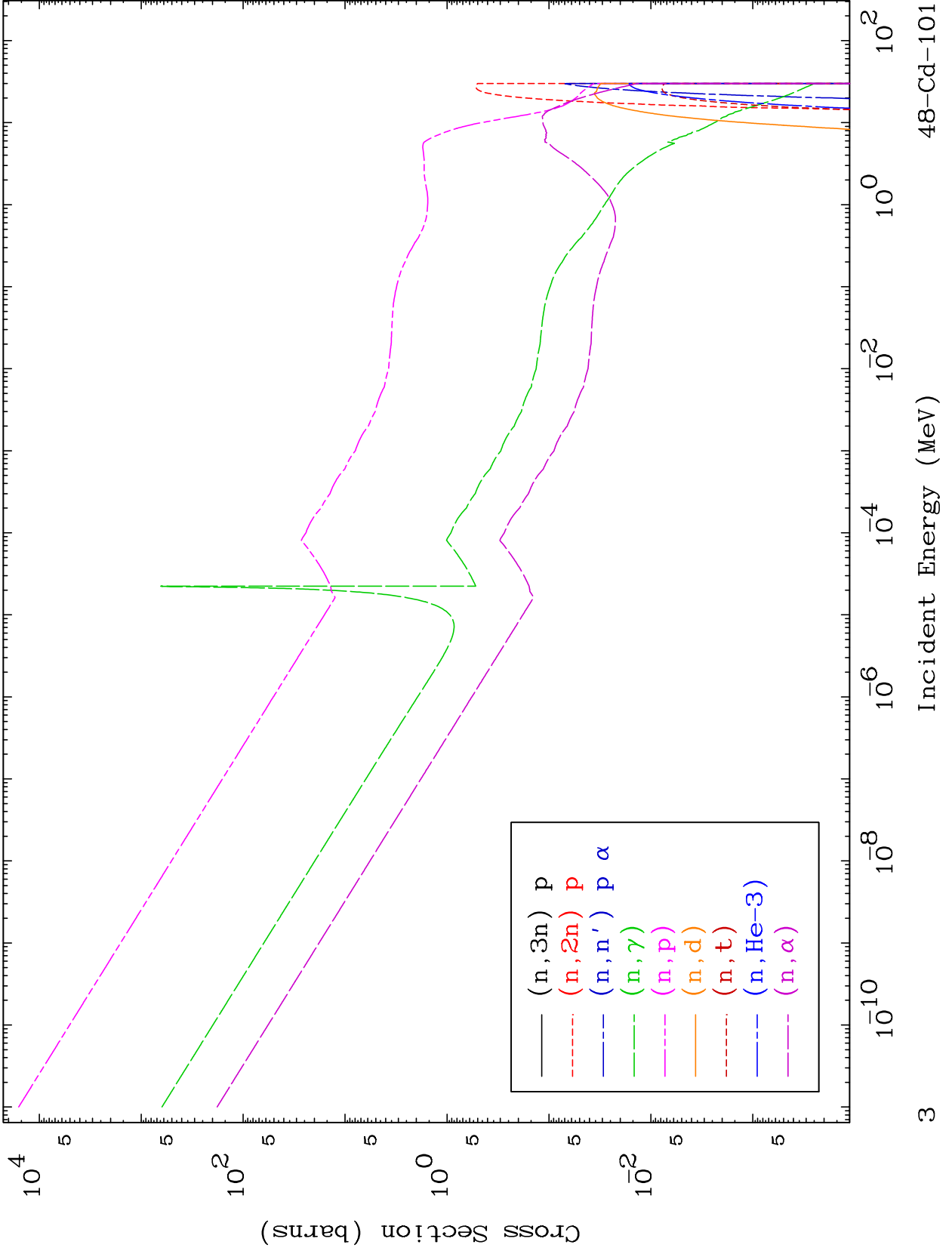
48-Cd-101



MAT 4810

Neutron Absorption
293 Kelvin Cross Sections

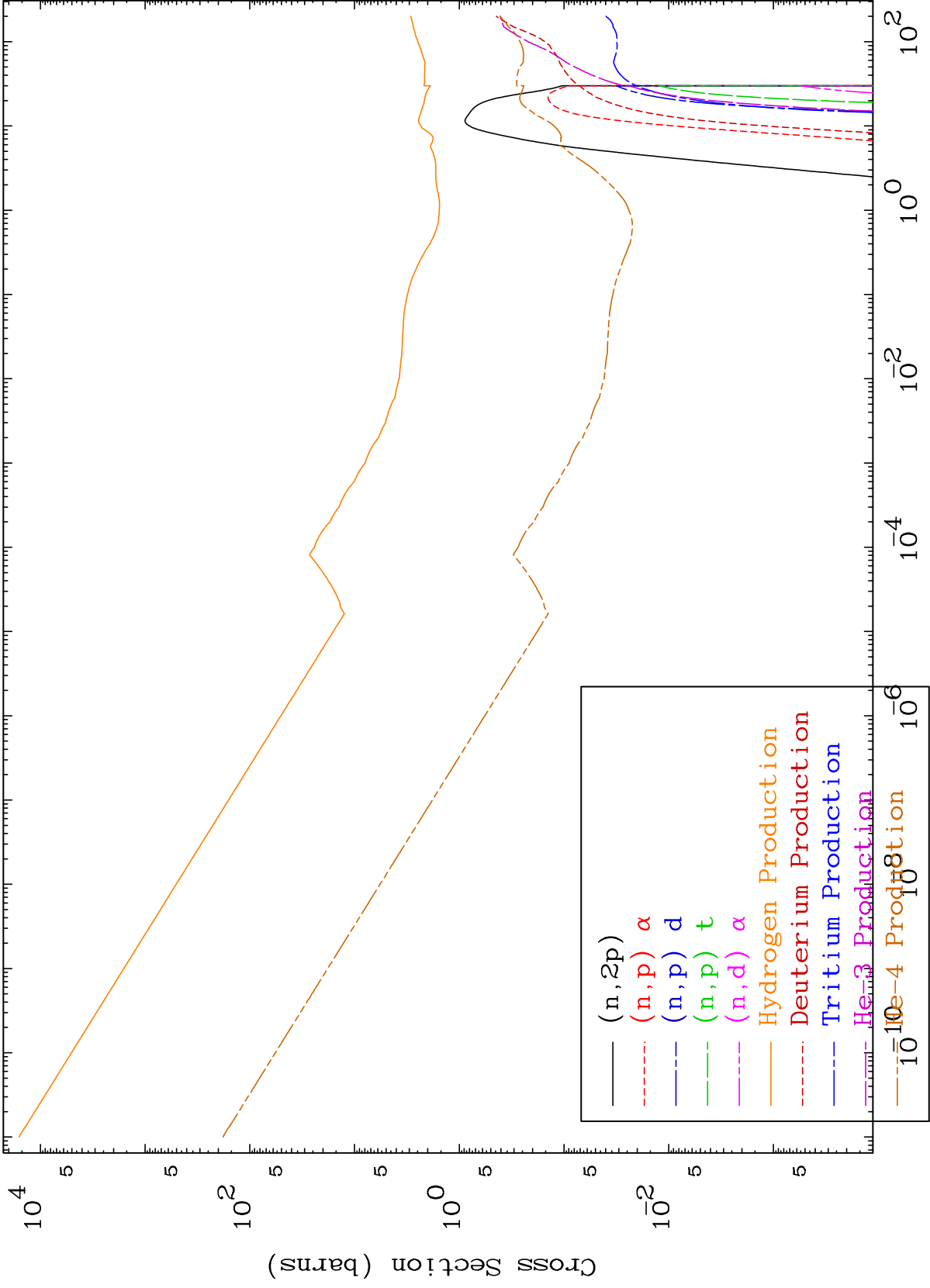
48-Cd-101



MAT 4810

Neutron Absorption
293 Kelvin Cross Sections

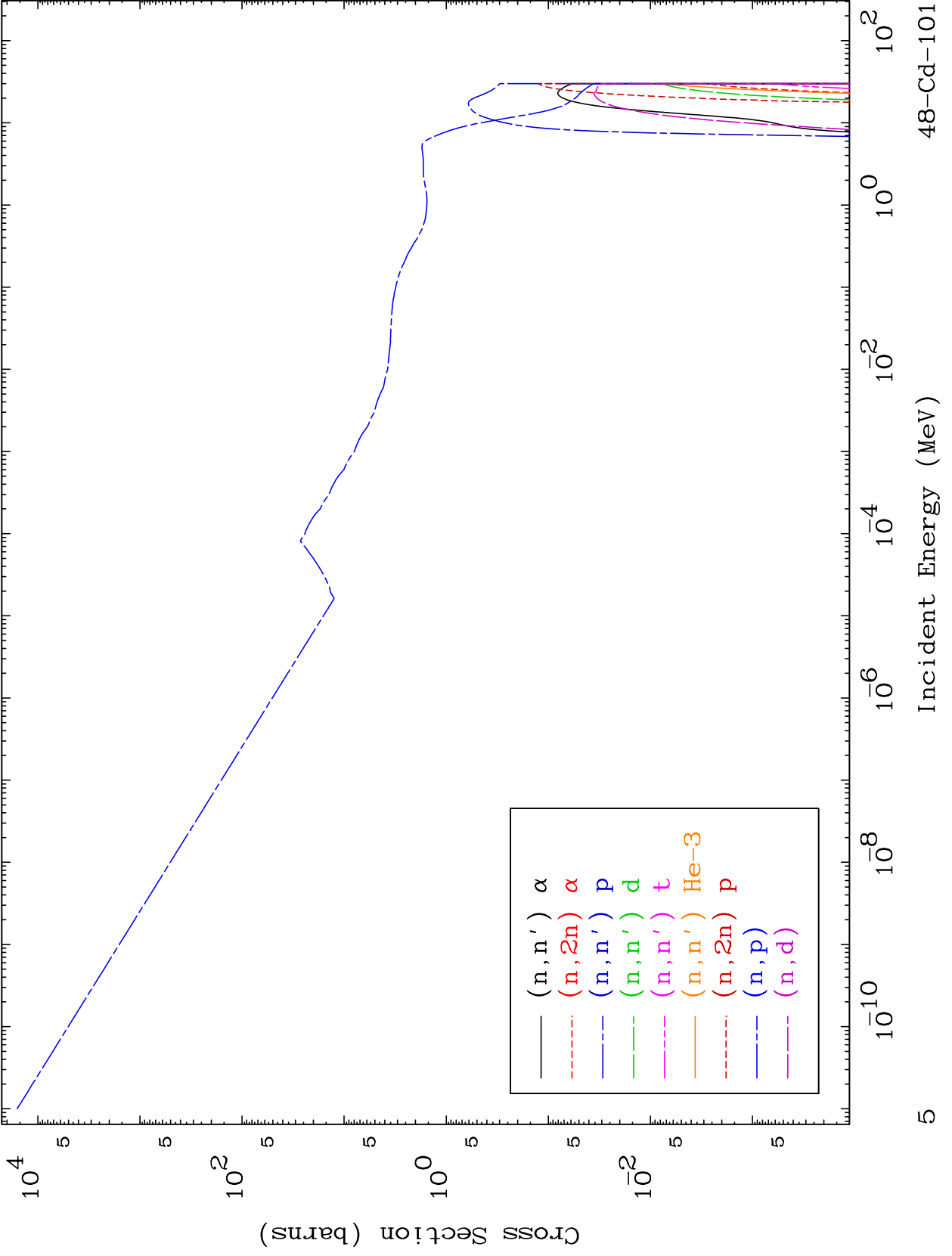
48-Cd-101



MAT 4810

Charged Particle
293 Kelvin Cross Sections

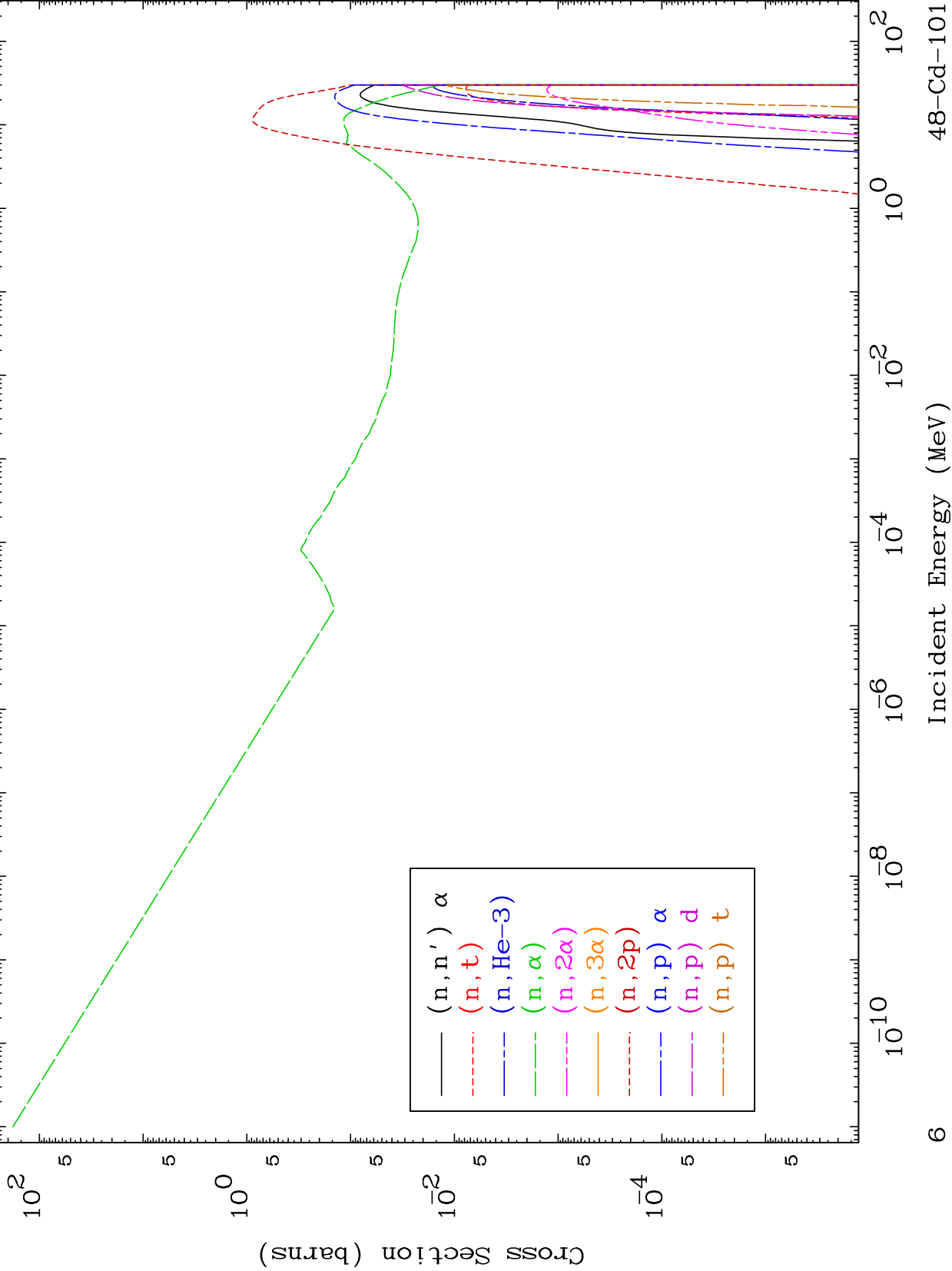
48-Cd-101



MAT 4810

Charged Particle
293 Kelvin Cross Sections

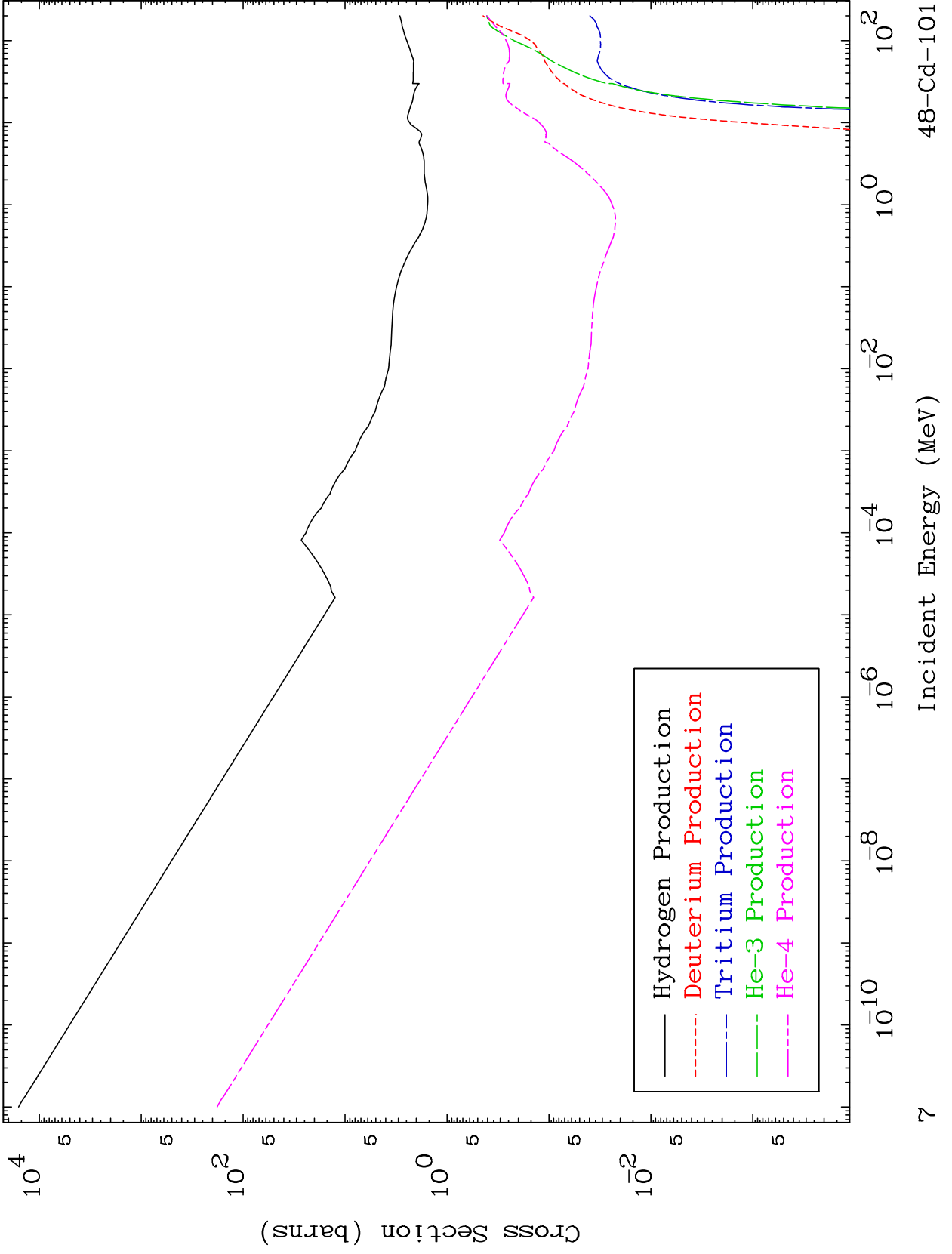
48-Cd-101



MAT 4810

Particle Production
293 Kelvin Cross Sections

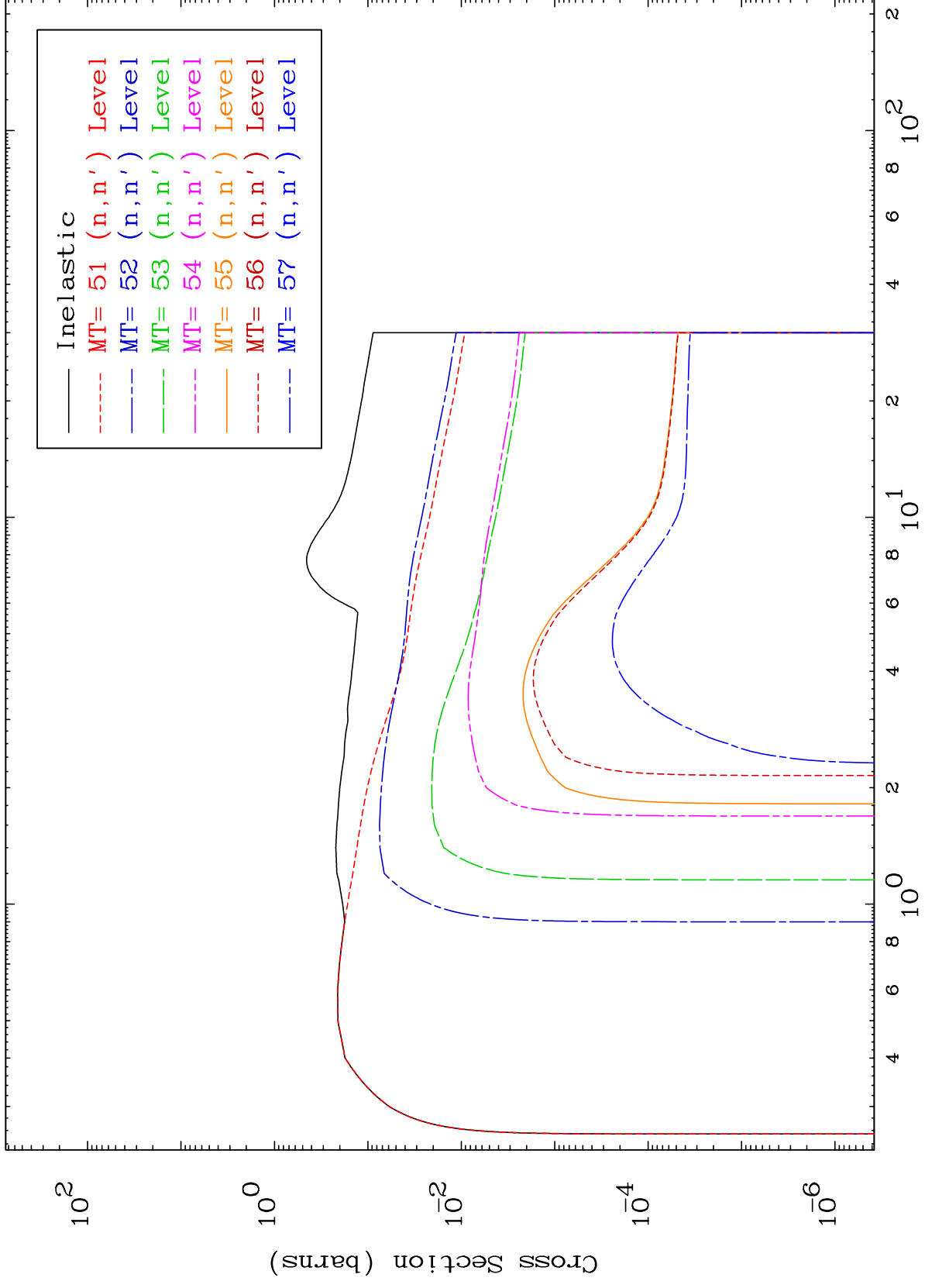
48-Cd-101



MAT 4810

(n,n') Levels
293 Kelvin Cross Sections

48-Cd-101



8

Incident Energy (MeV)

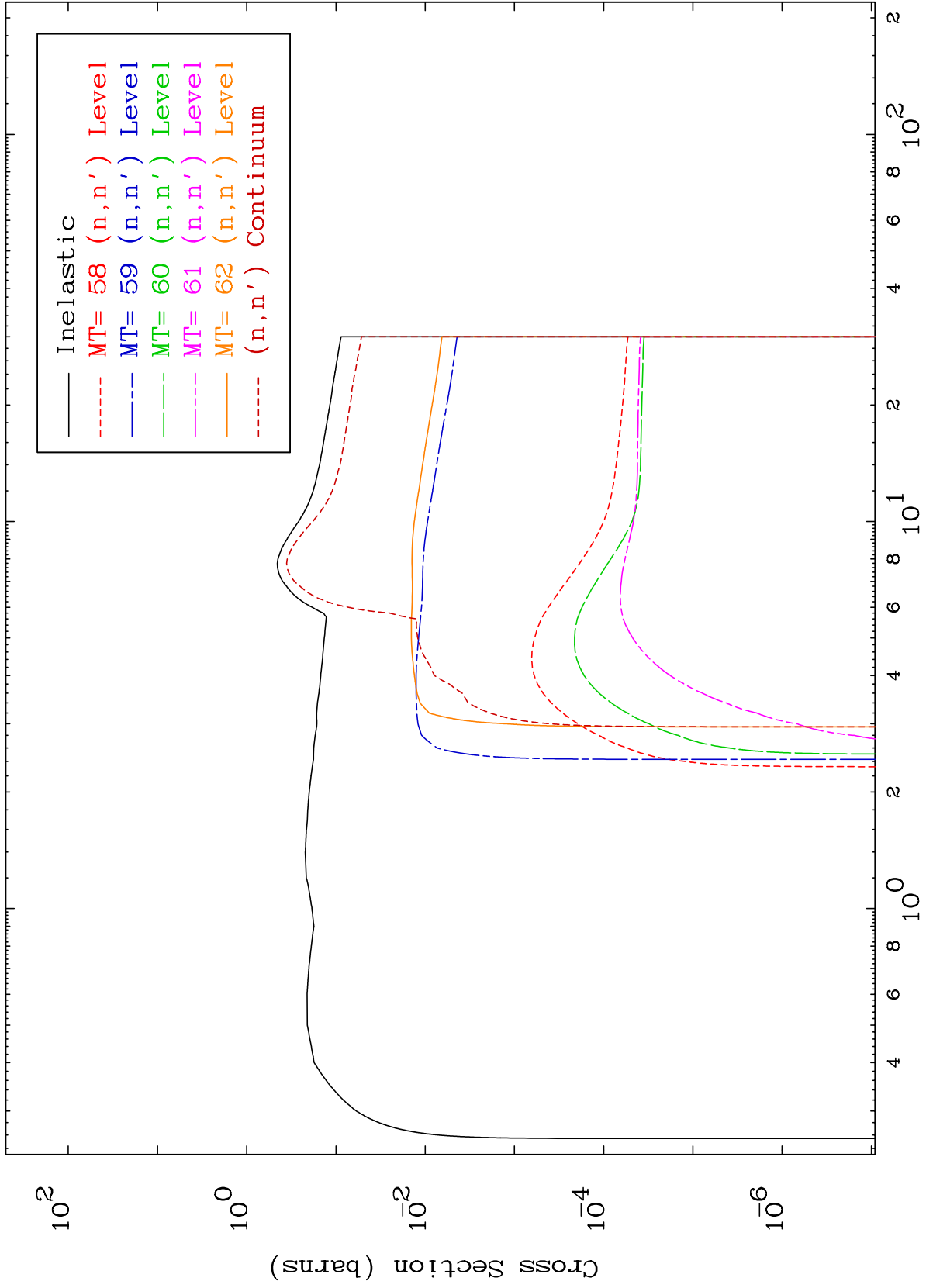
48-Cd-101

MAT 4810

(n,n') Levels

48-Cd-101

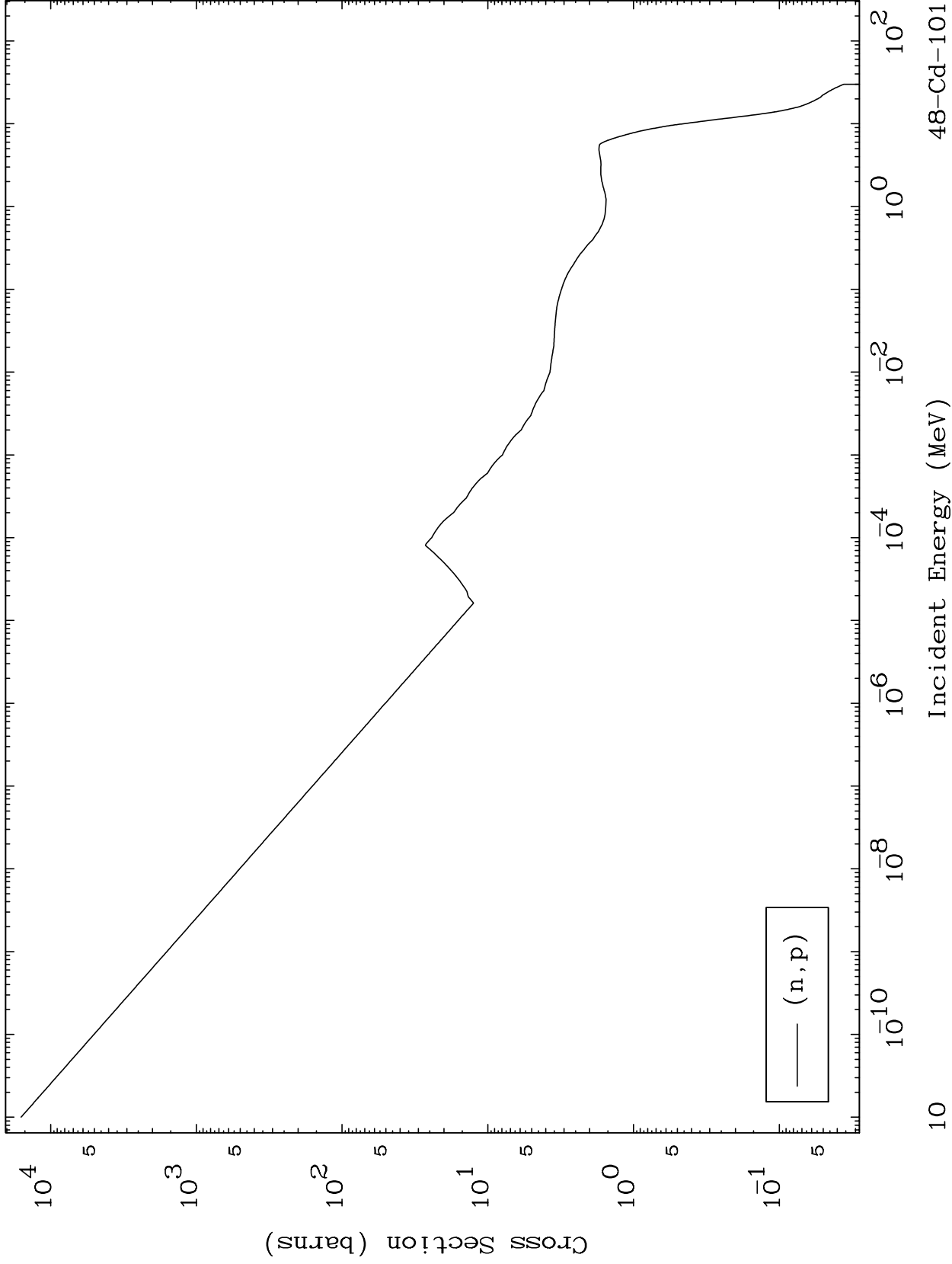
293 Kelvin Cross Sections



MAT 4810

(n,p) Levels
293 Kelvin Cross Sections

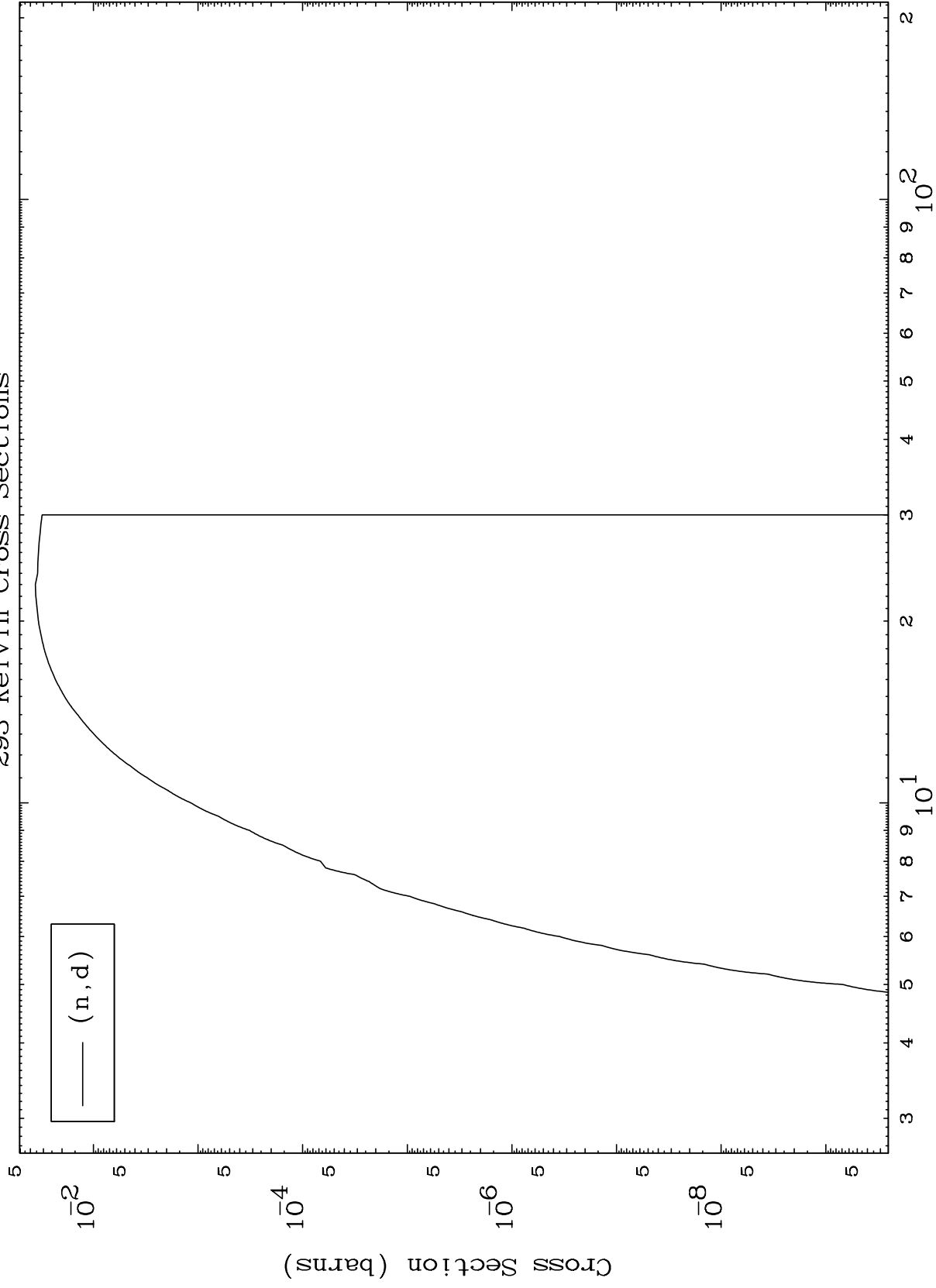
48-Cd-101



MAT 4810

(n,d) Levels
293 Kelvin Cross Sections

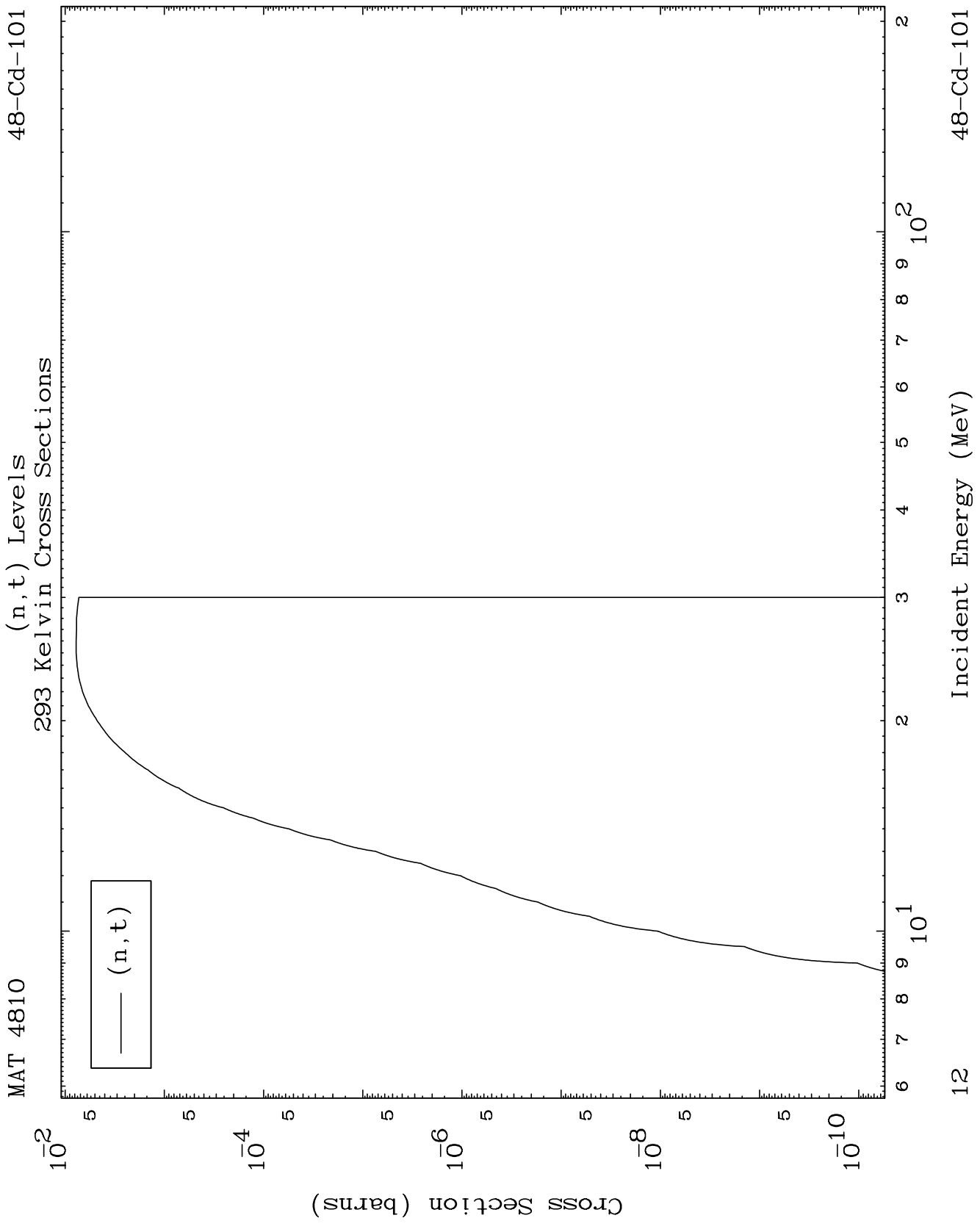
48-Cd-101



11

Incident Energy (MeV)

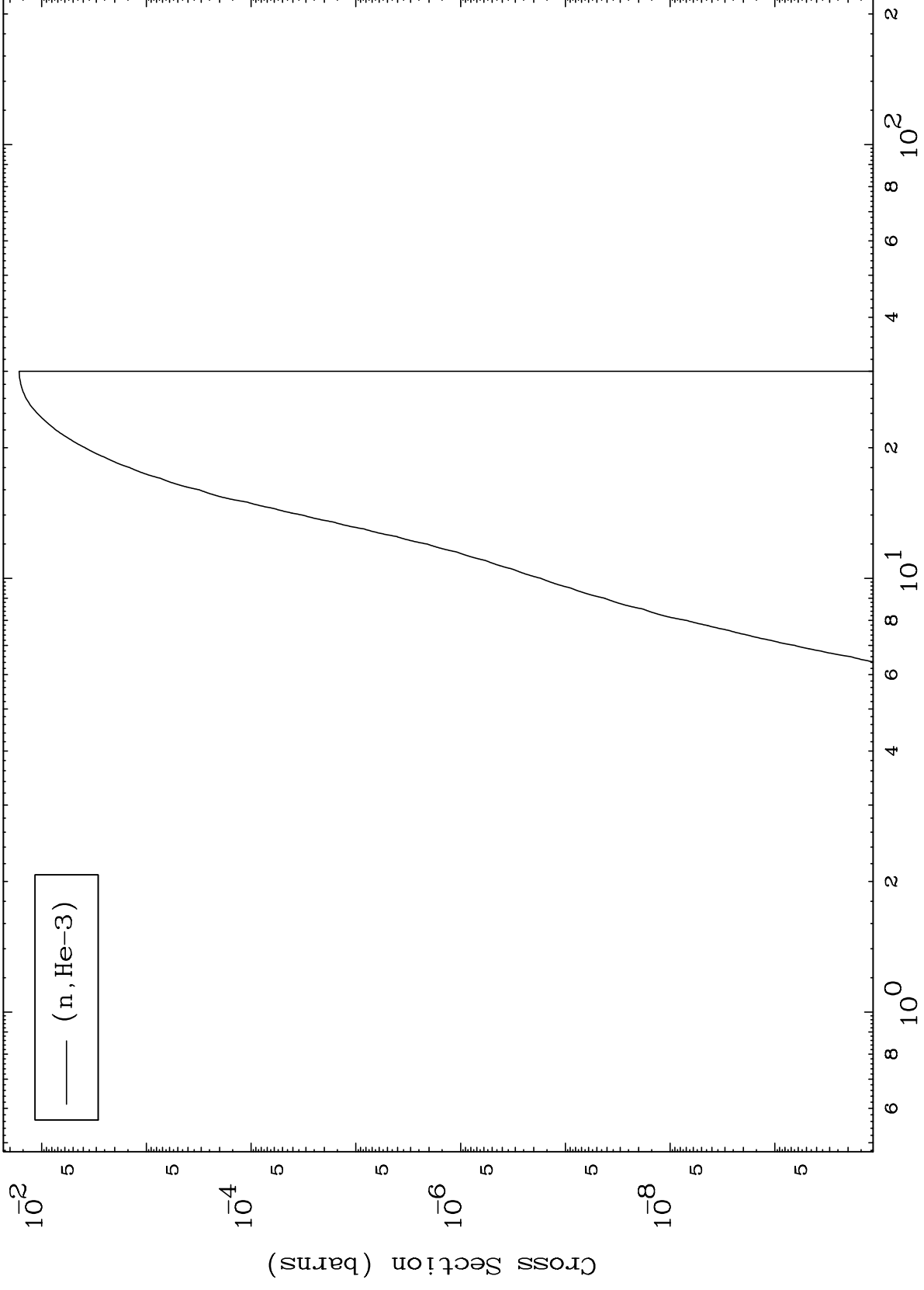
48-Cd-101



MAT 4810

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-101



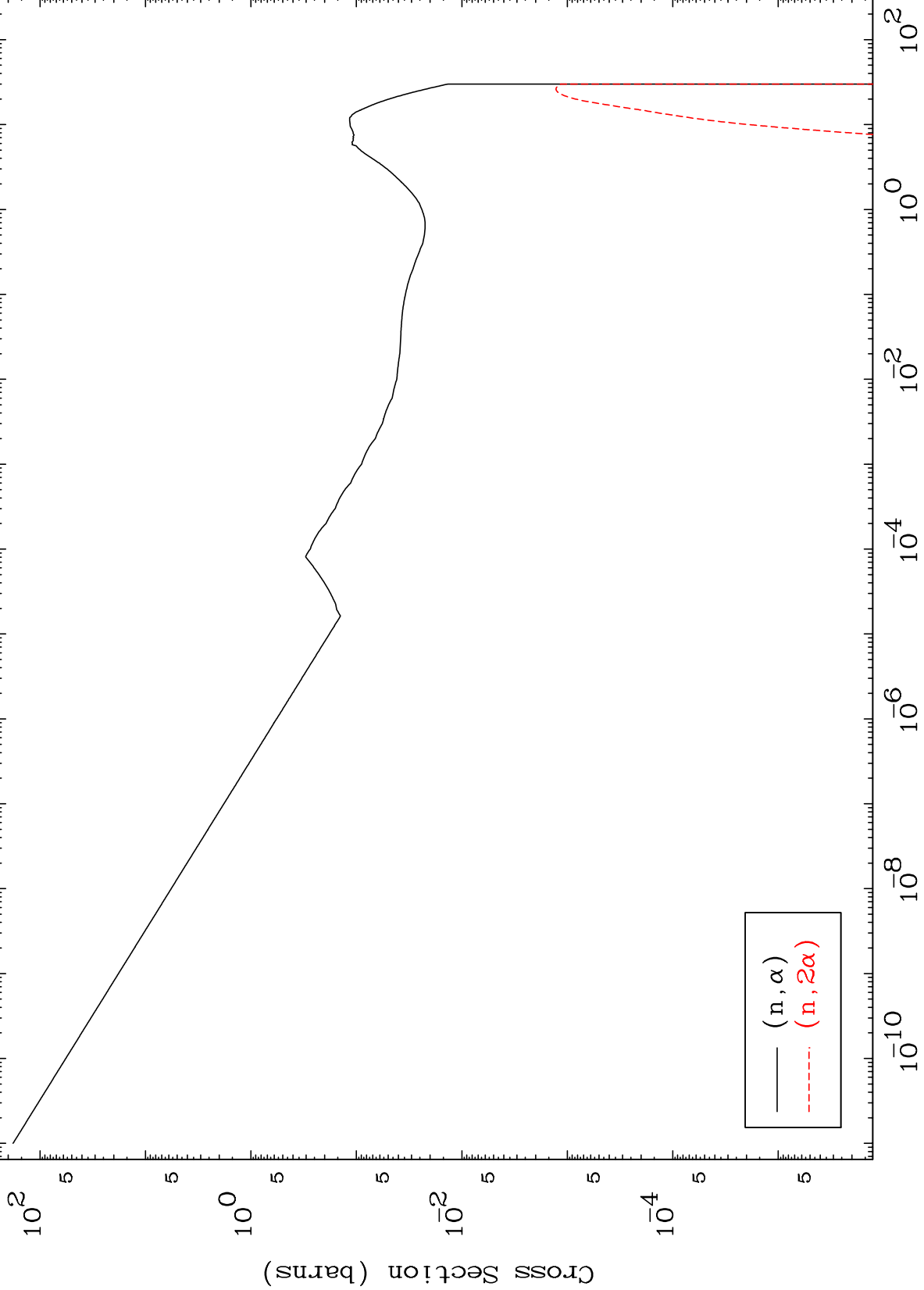
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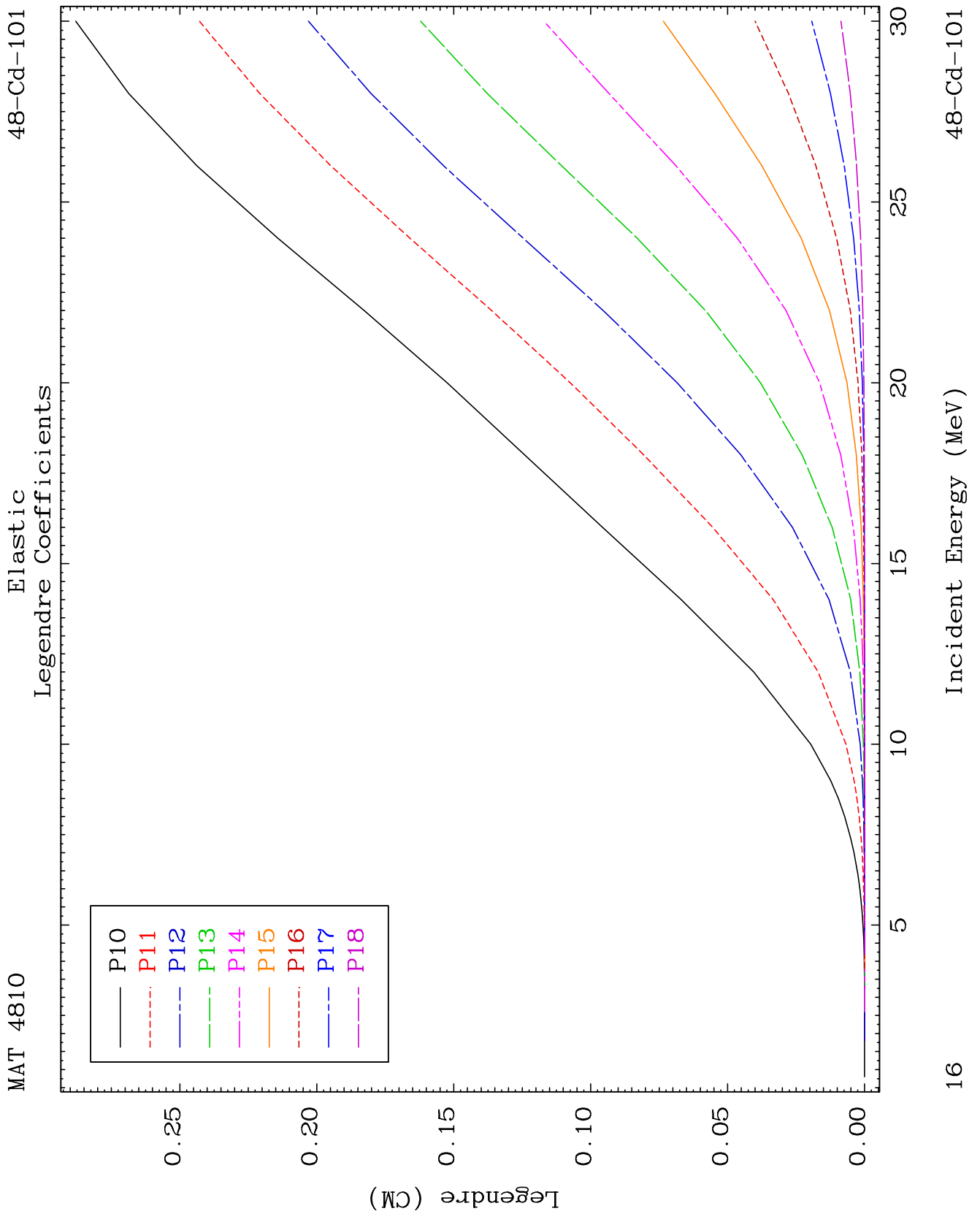
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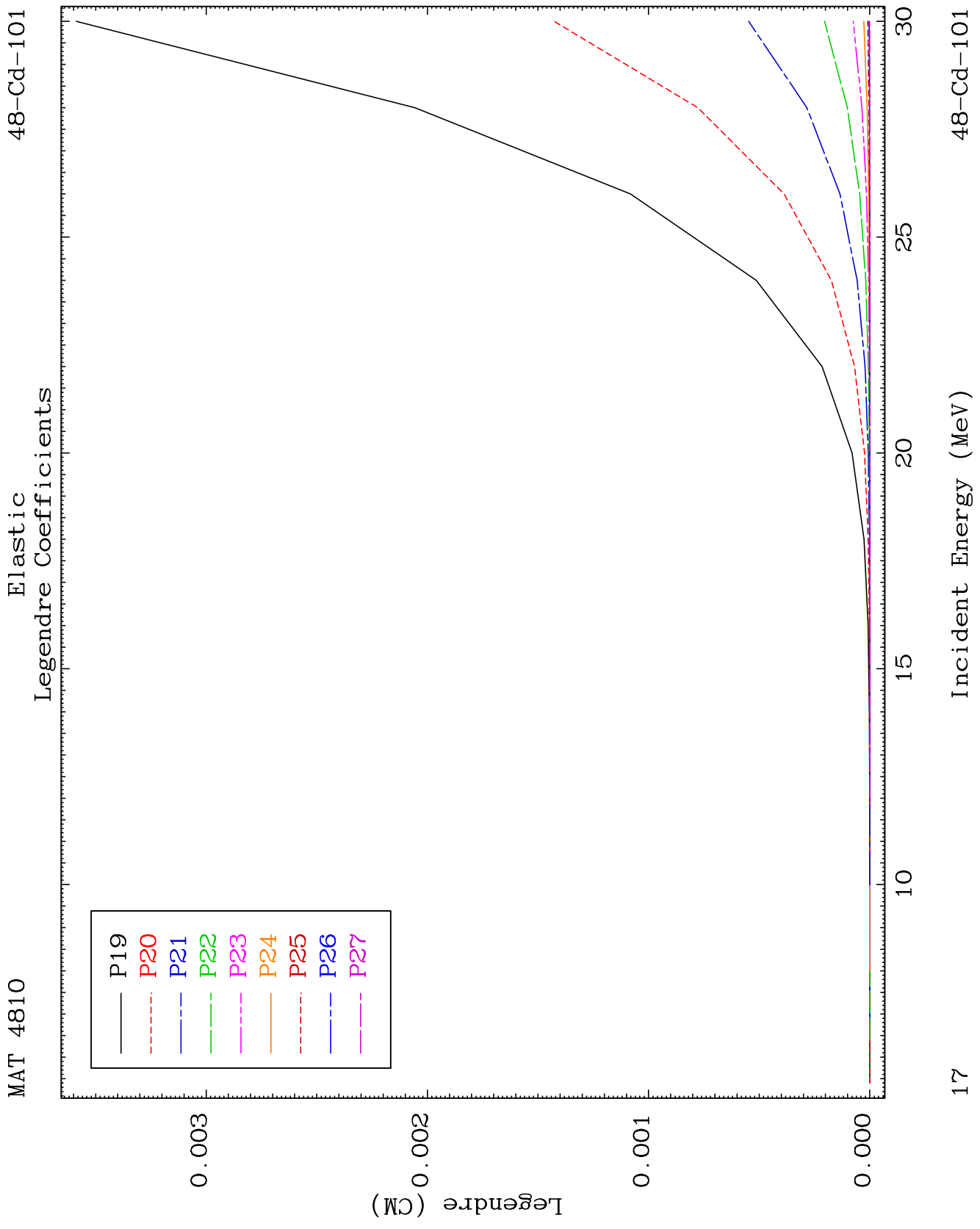
MAT 4810

(n,α) Levels
293 Kelvin Cross Sections

48-Cd-101







MAT 4810

Elastic Legendre Coefficients

48-Cd-101

17

Incident Energy (MeV)

48-Cd-101

MAT 4810

Elastic Legendre Coefficients

48-Cd-101

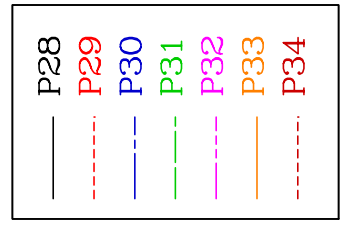
$\times 10^{-7}$
0.5

Legendre (CM)

0.0

-0.5

-1.0



15

20

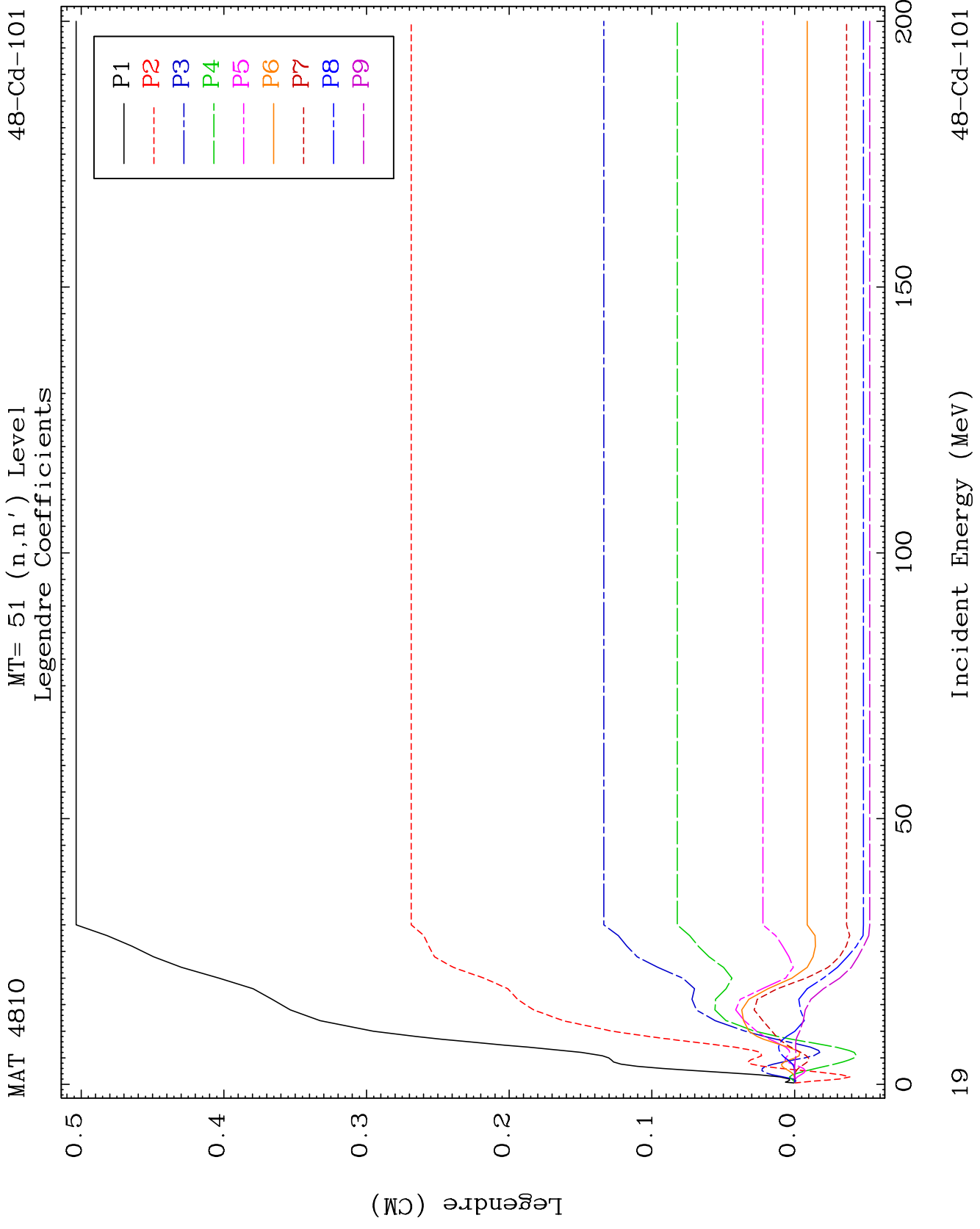
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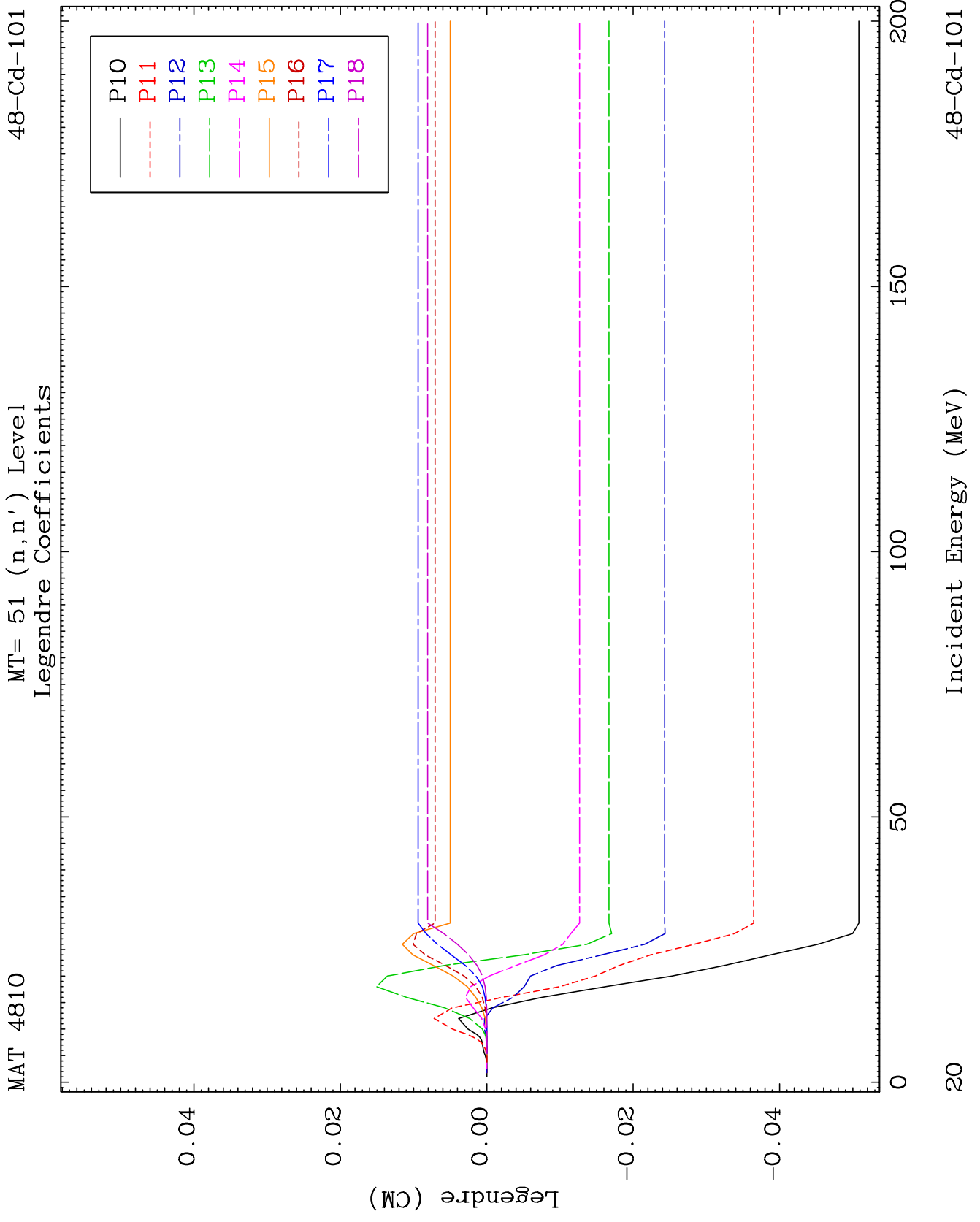
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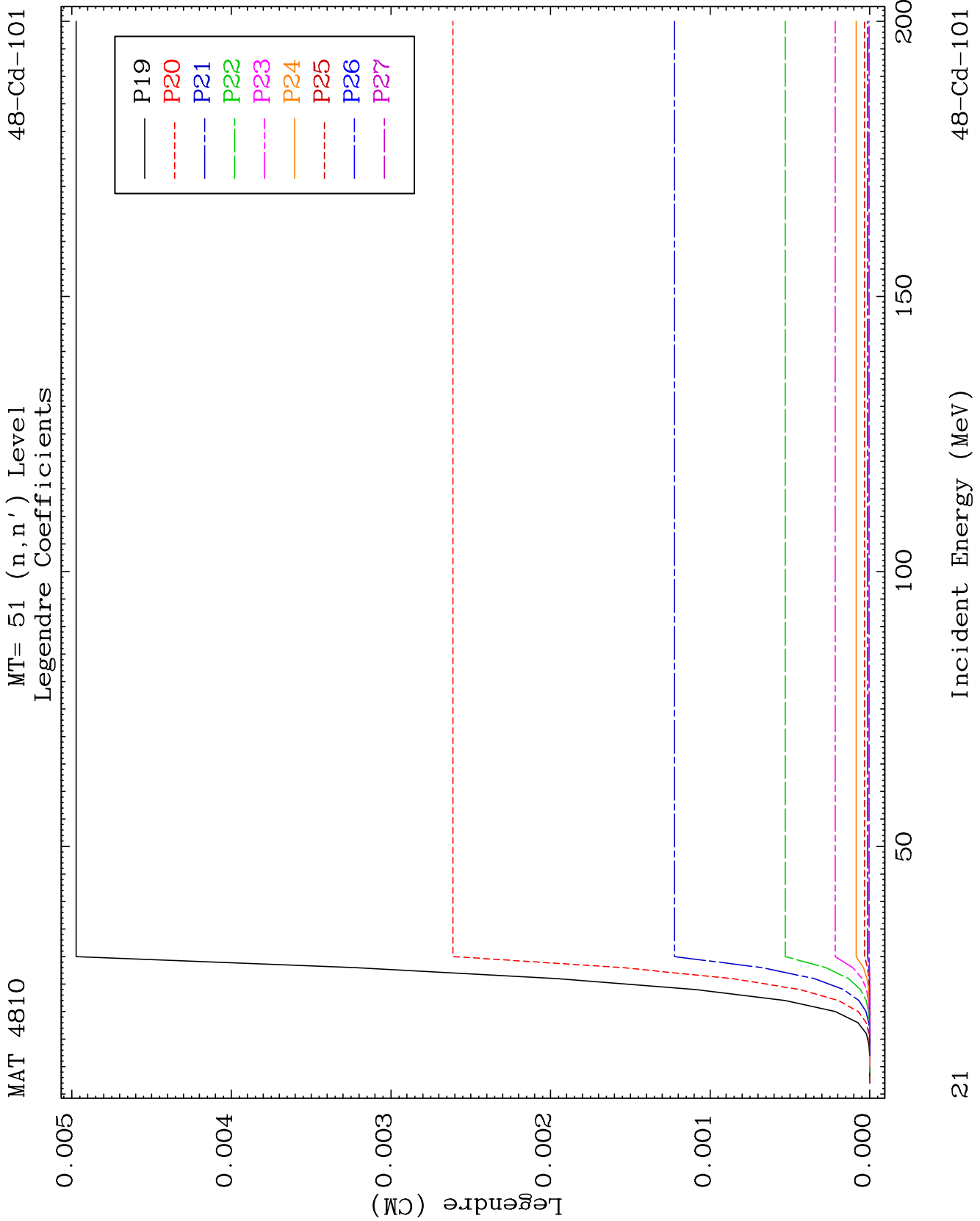
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Incident Energy (MeV)

48-Cd-101



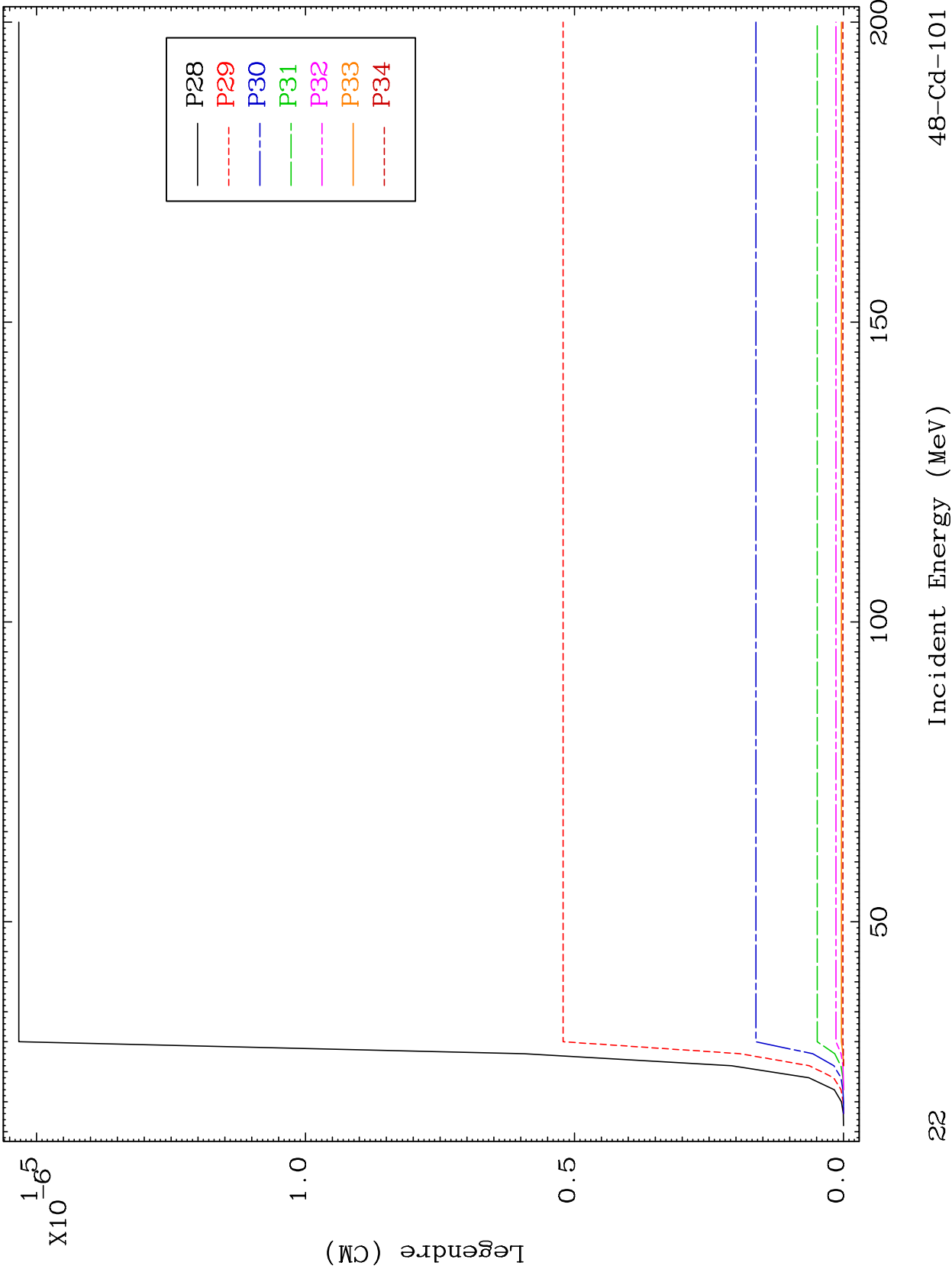




MAT 4810

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

48-Cd-101

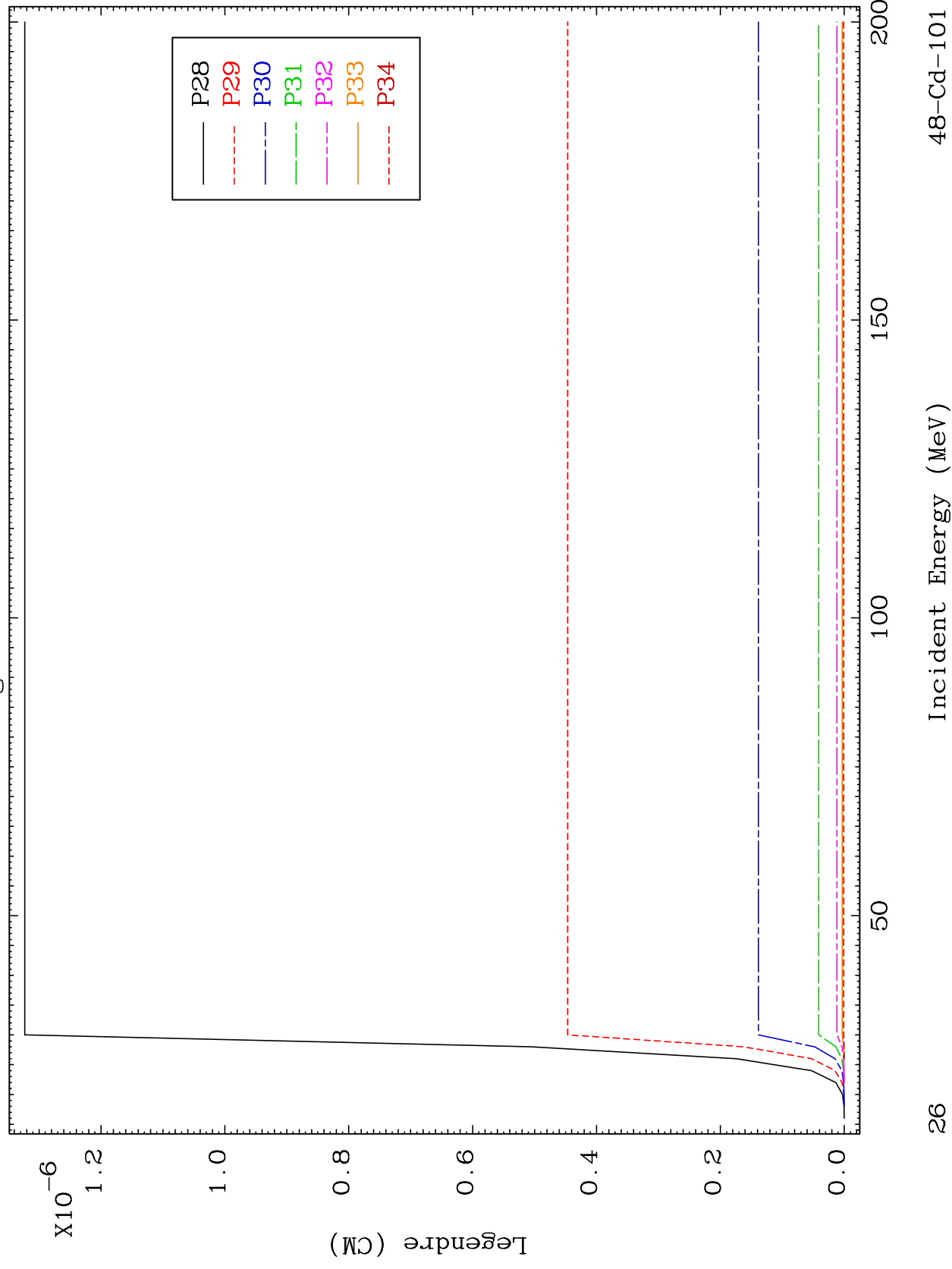


22

MAT 4810

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

48-Cd-101



26

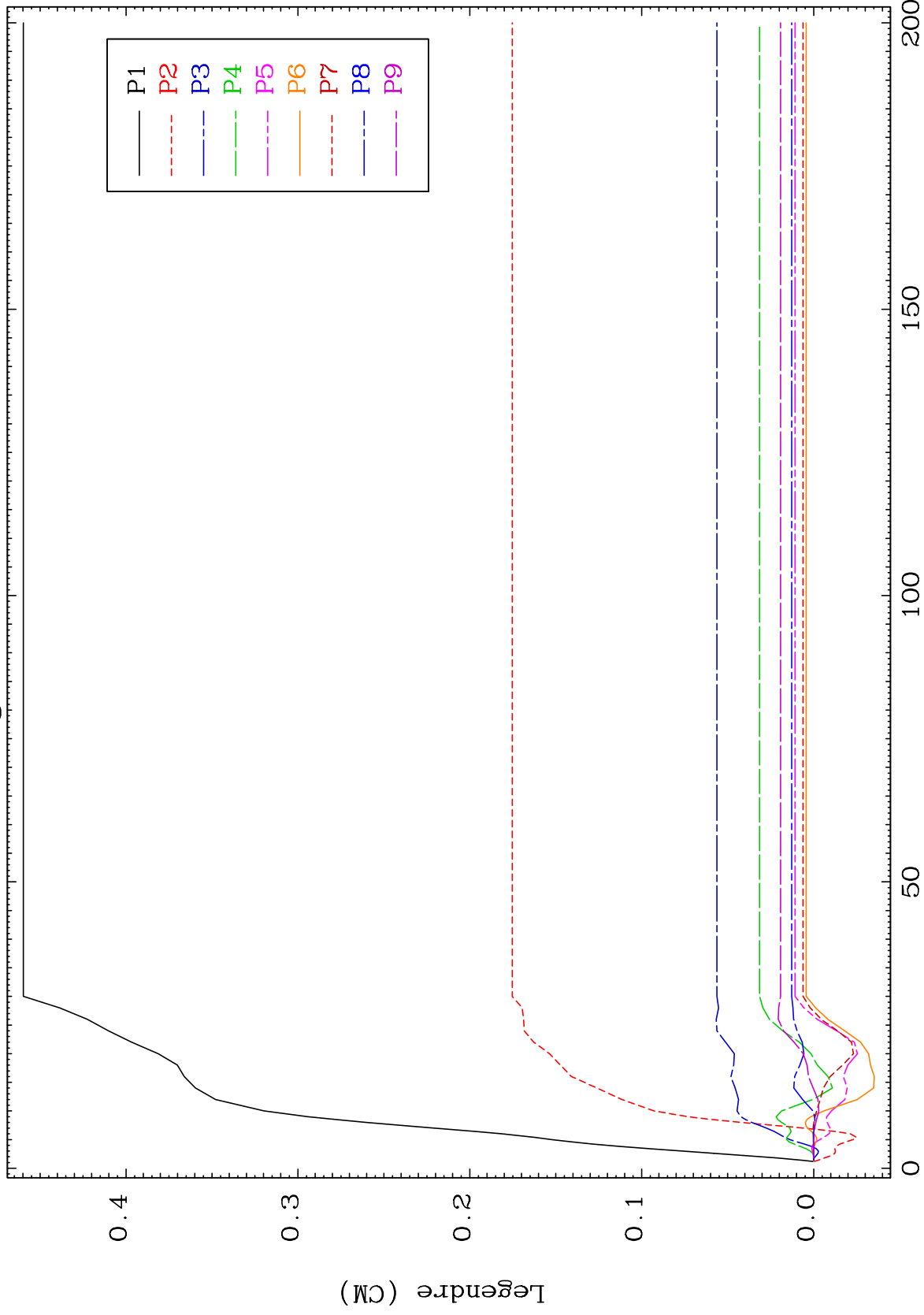
Incident Energy (MeV)

48-Cd-101

MAT 4810

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

48-Cd-101



27

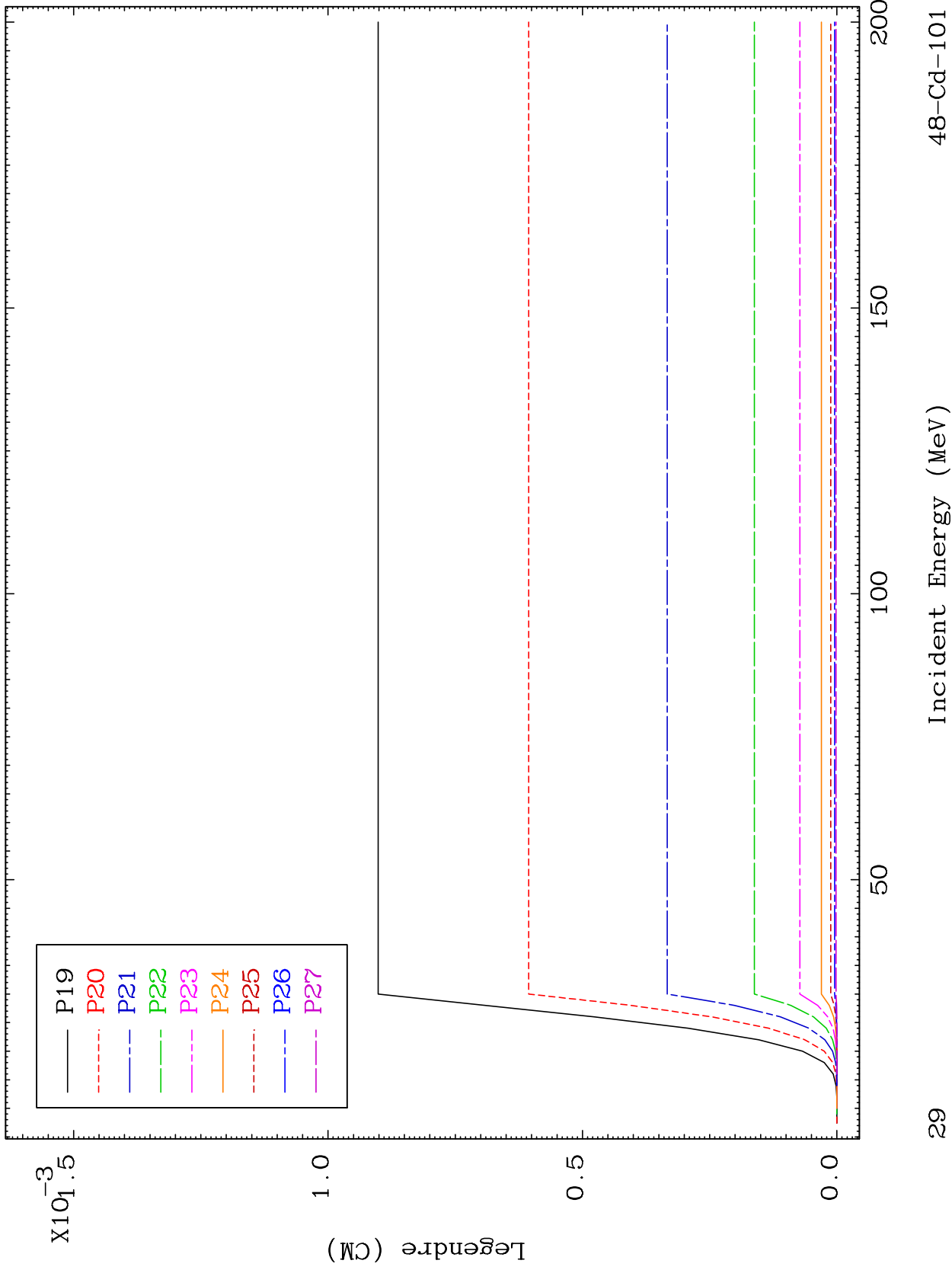
Incident Energy (MeV)

48-Cd-101

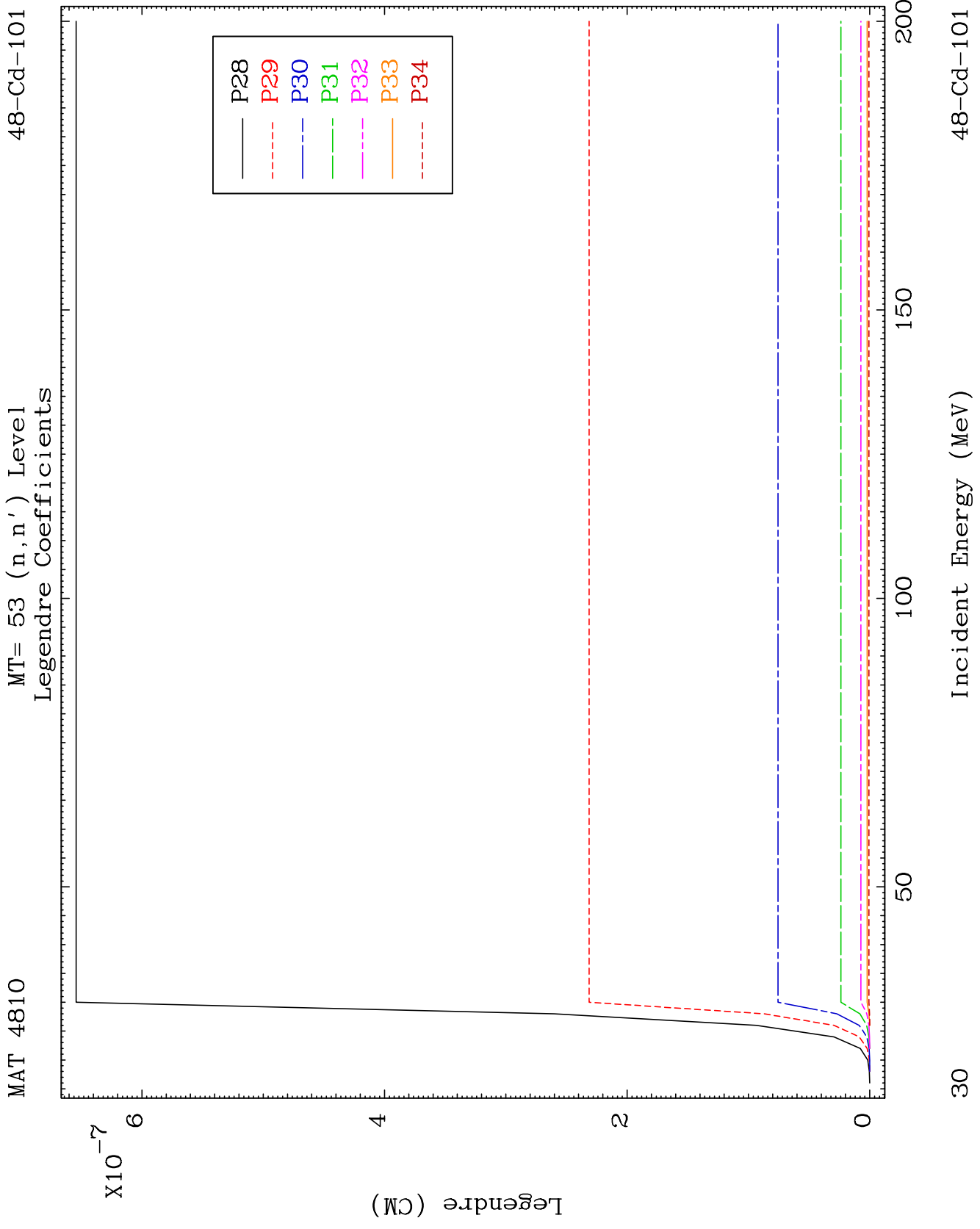
MAT 4810

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

48-Cd-101



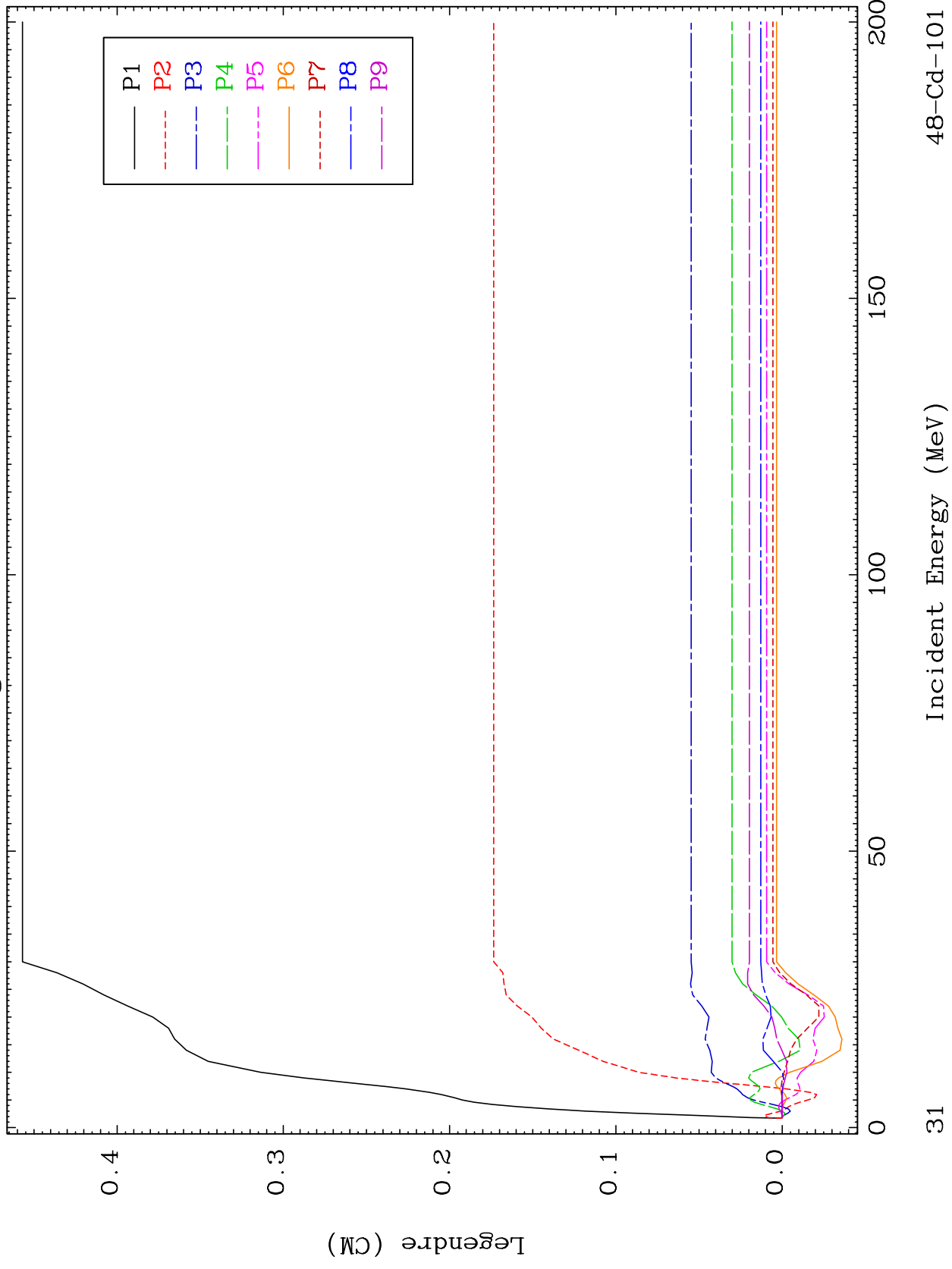
29



MAT 4810

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

48-Cd-101



48-Cd-101

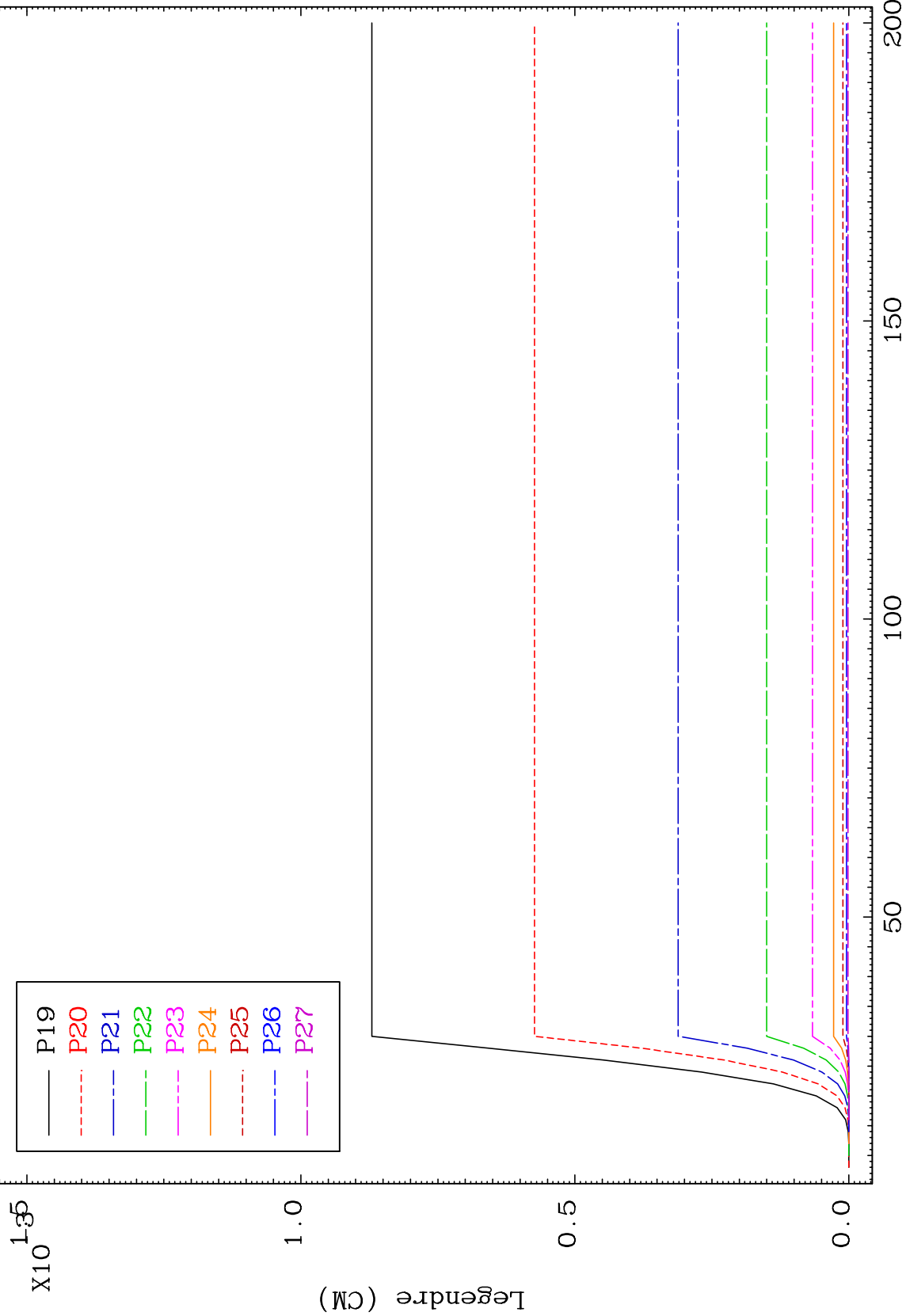
Incident Energy (MeV)

31

MAT 4810

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

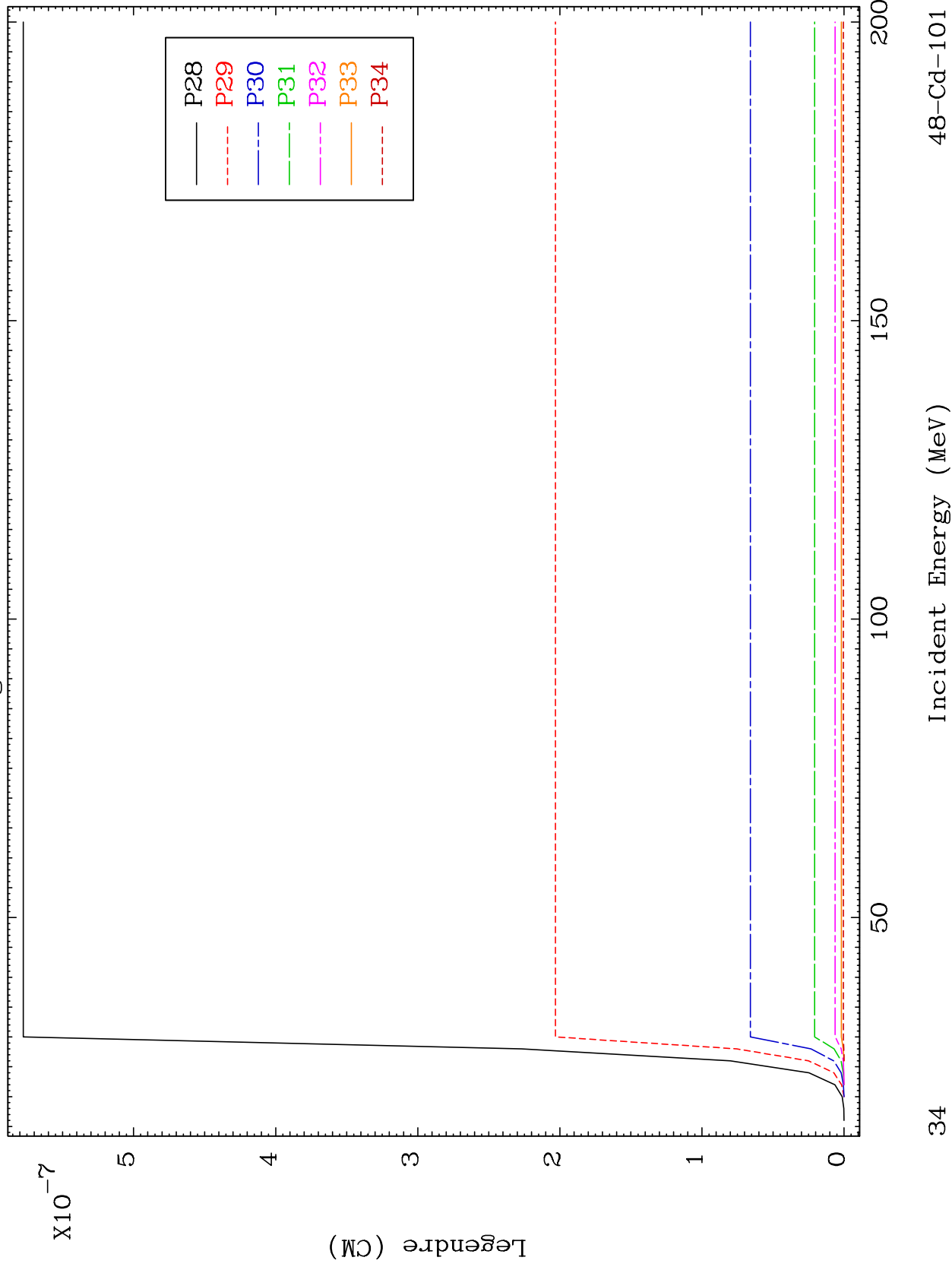
48-Cd-101



MAT 4810

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

48-Cd-101

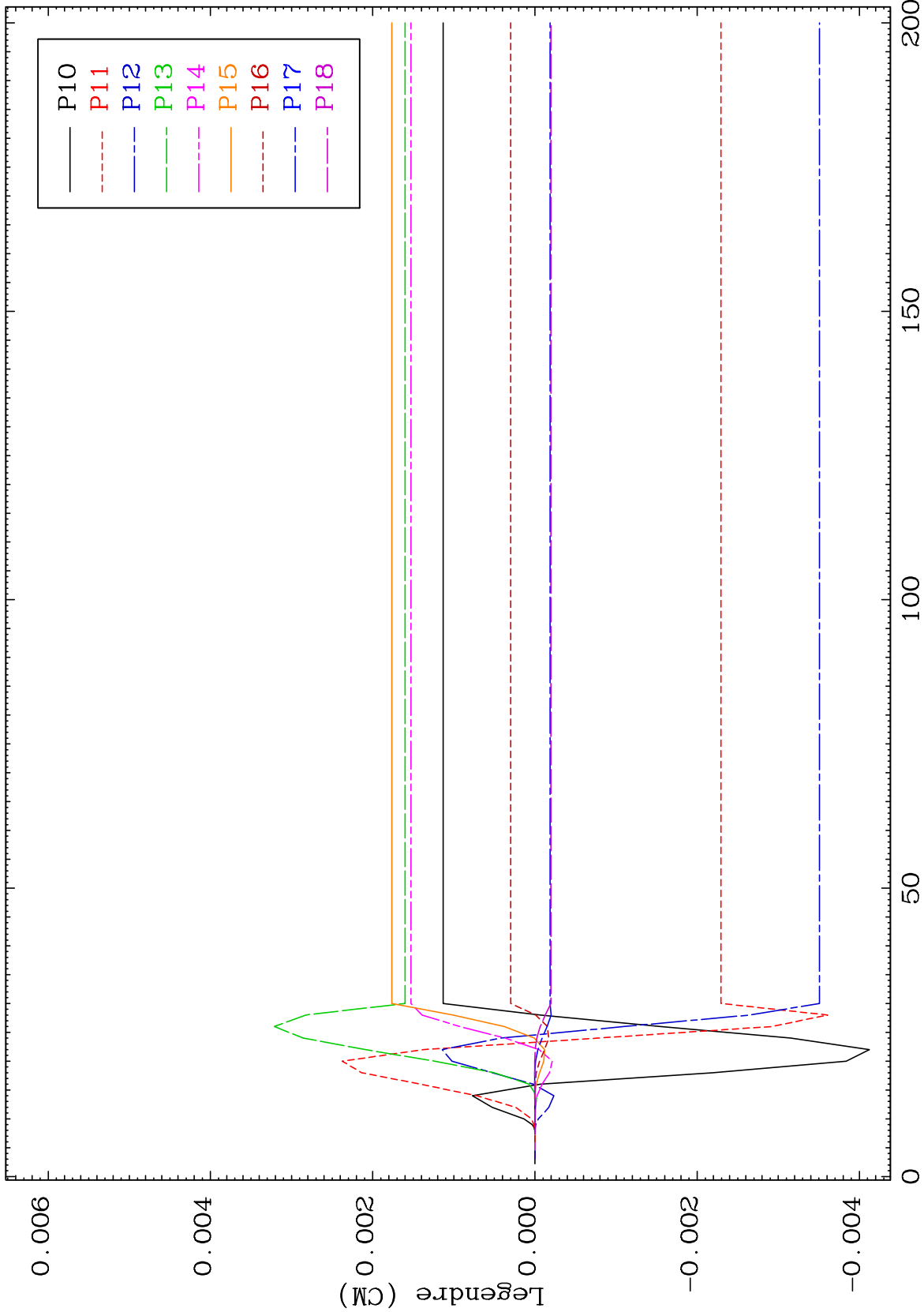


34

MAT 4810

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

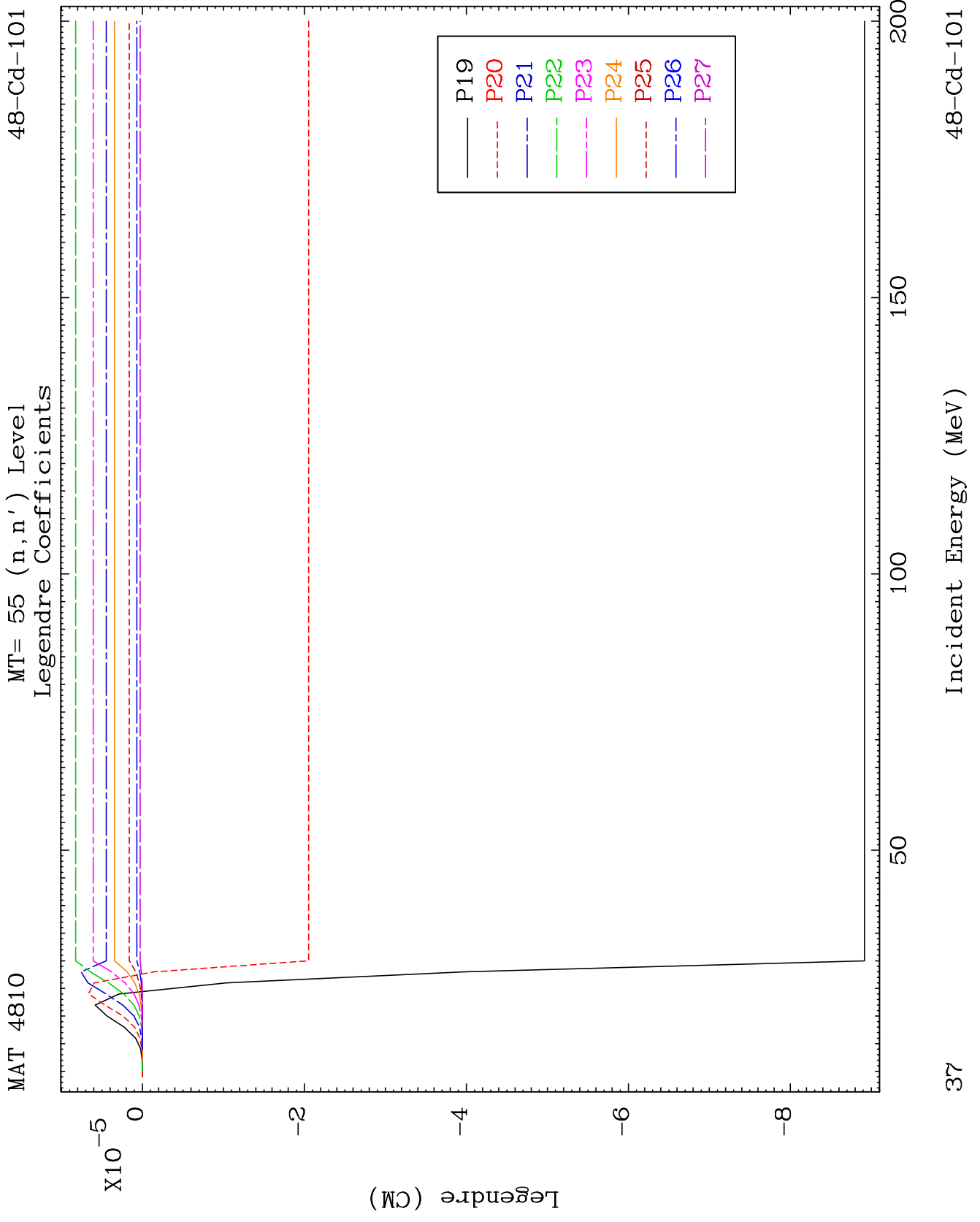
48-Cd-101



36

Incident Energy (MeV)

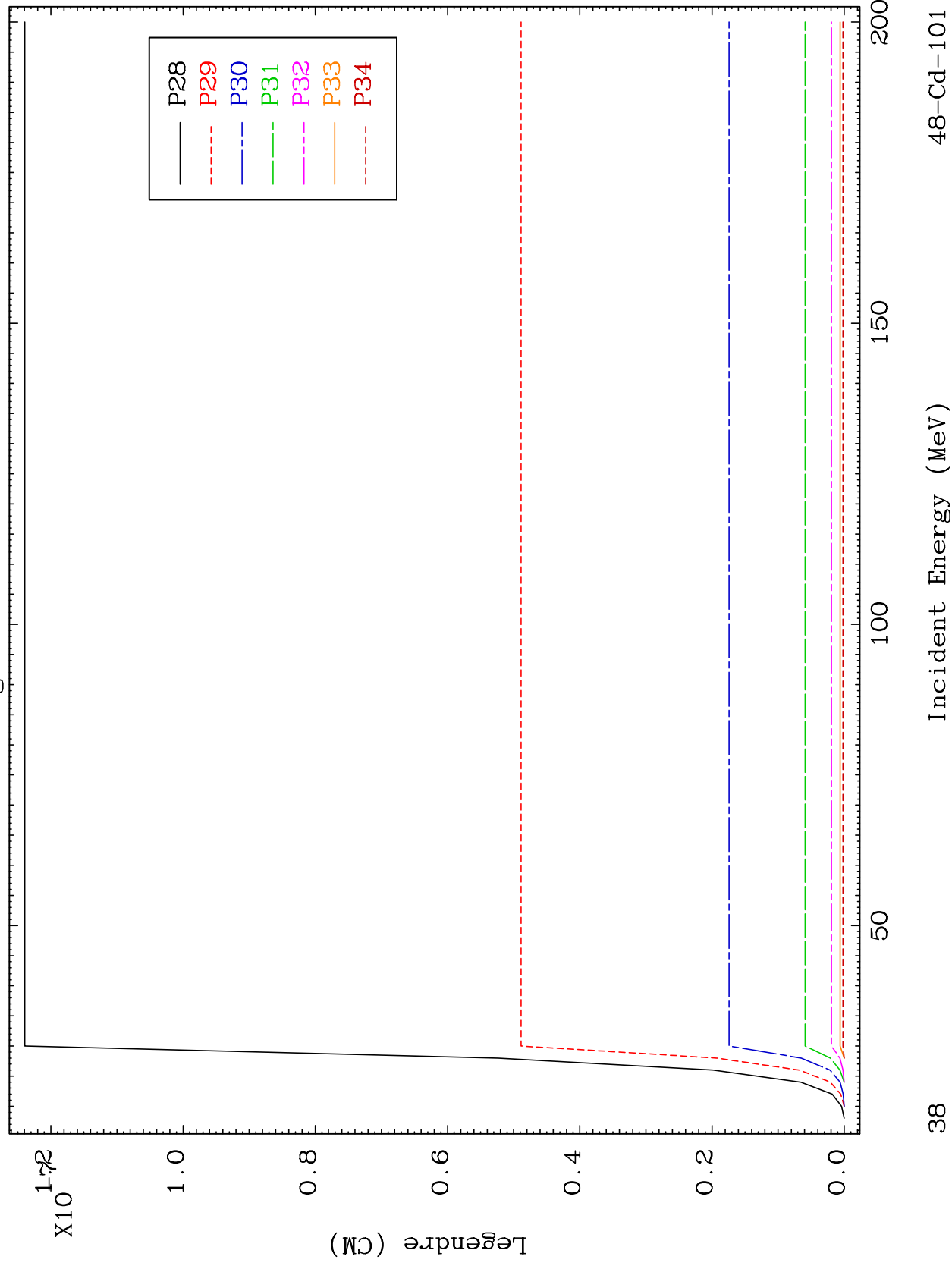
48-Cd-101



MAT 4810

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

48-Cd-101

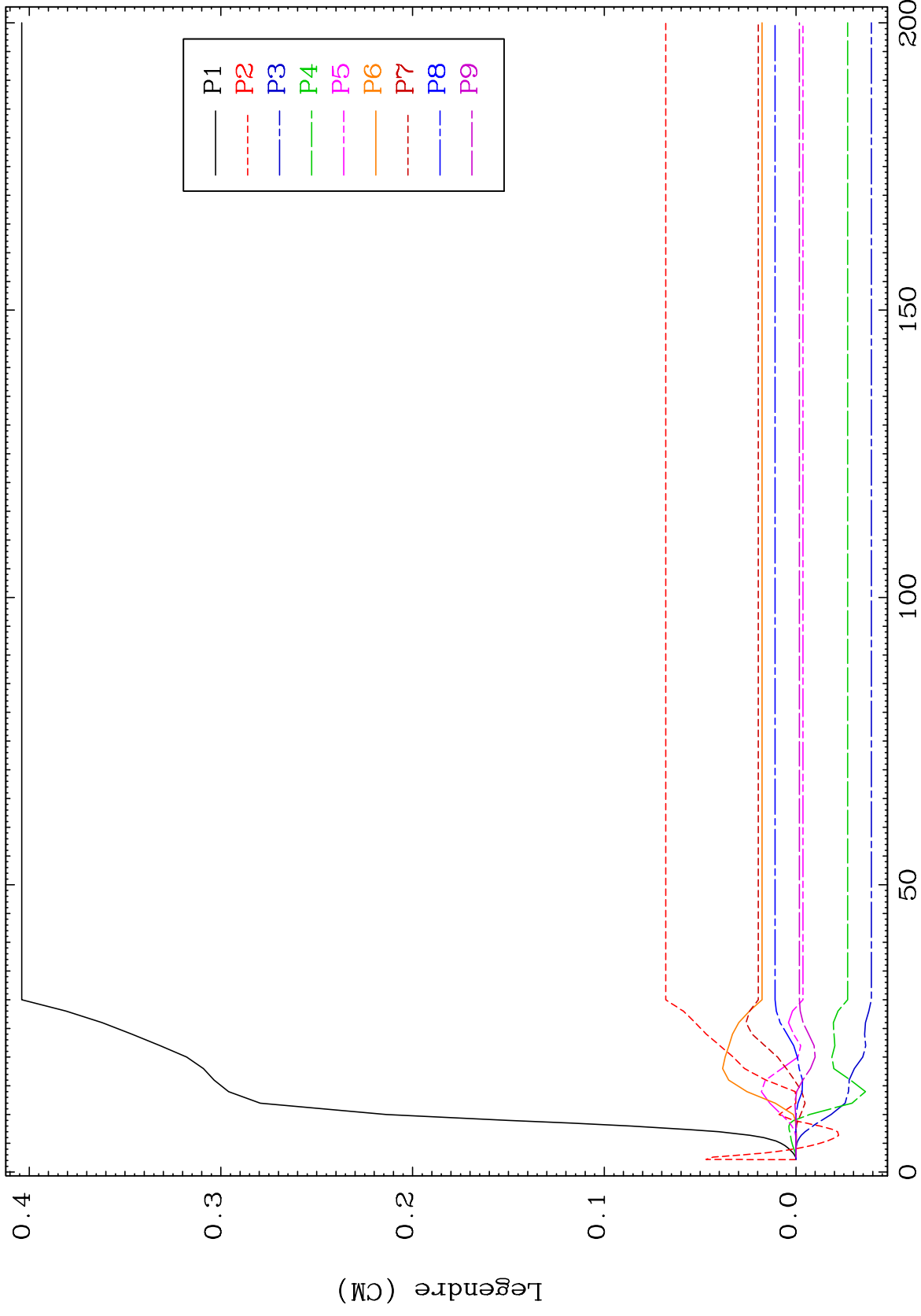


38

MAT 4810

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

48-Cd-101



39

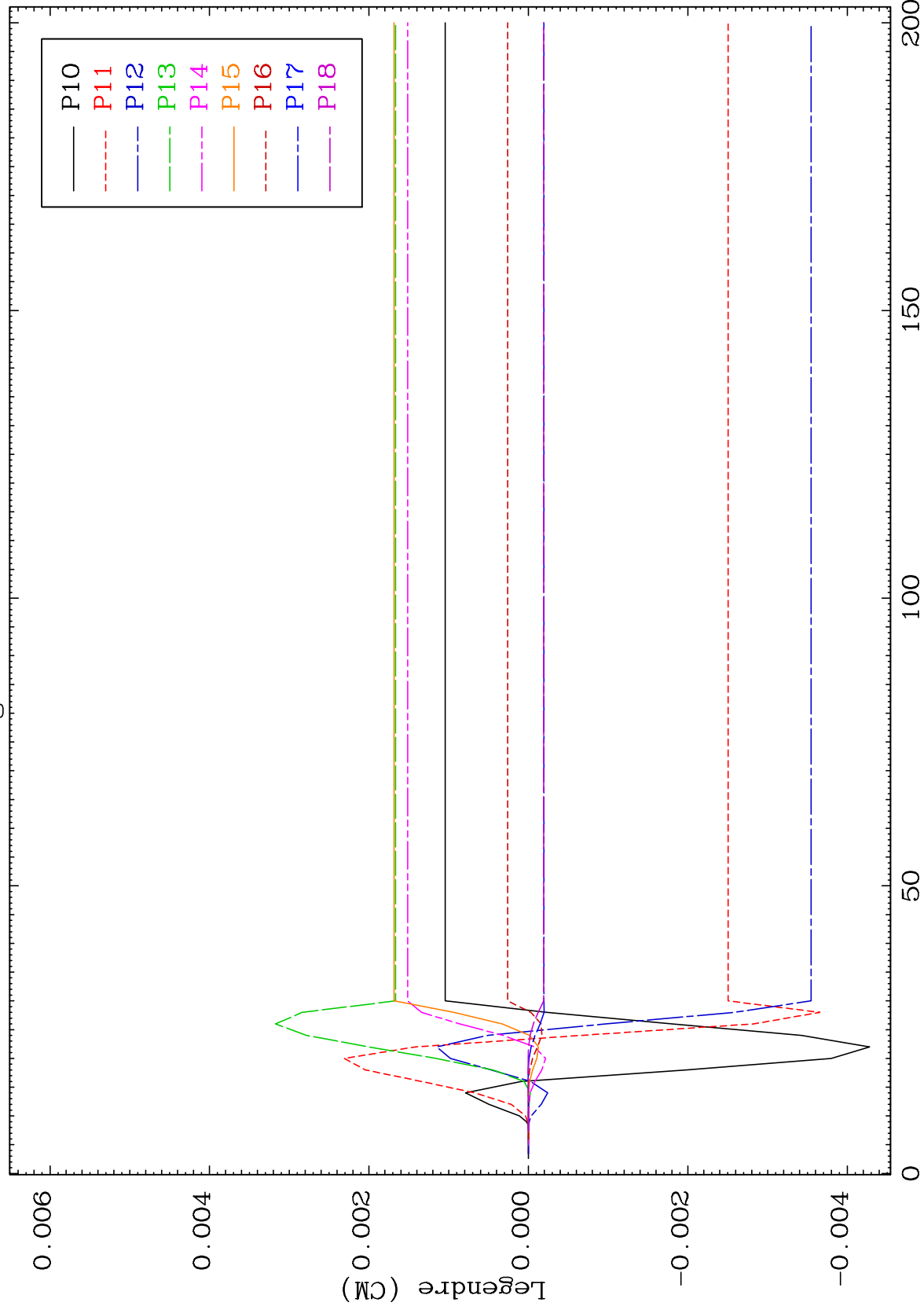
Incident Energy (MeV)

48-Cd-101

MAT 4810

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

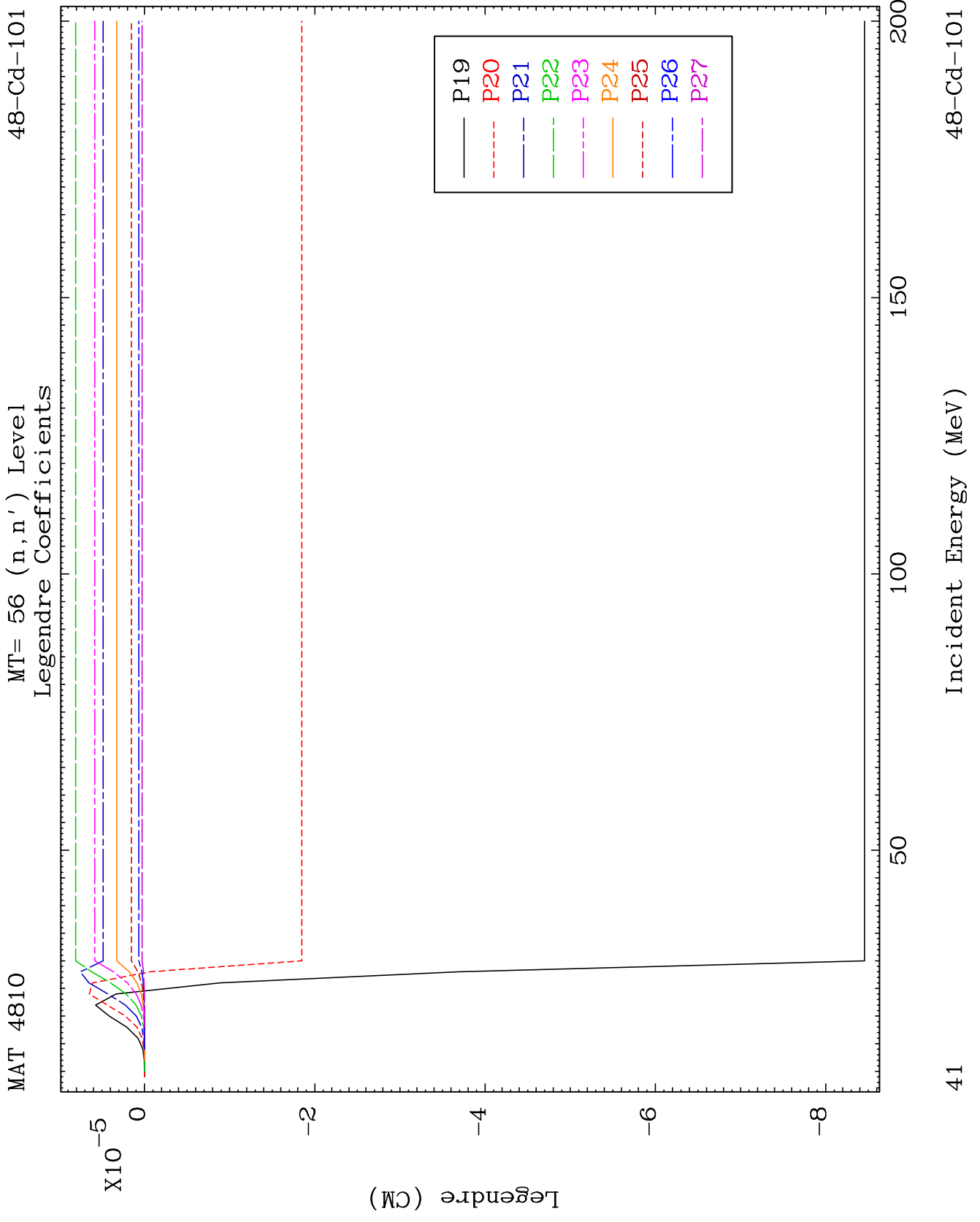
48-Cd-101



40

Incident Energy (MeV)

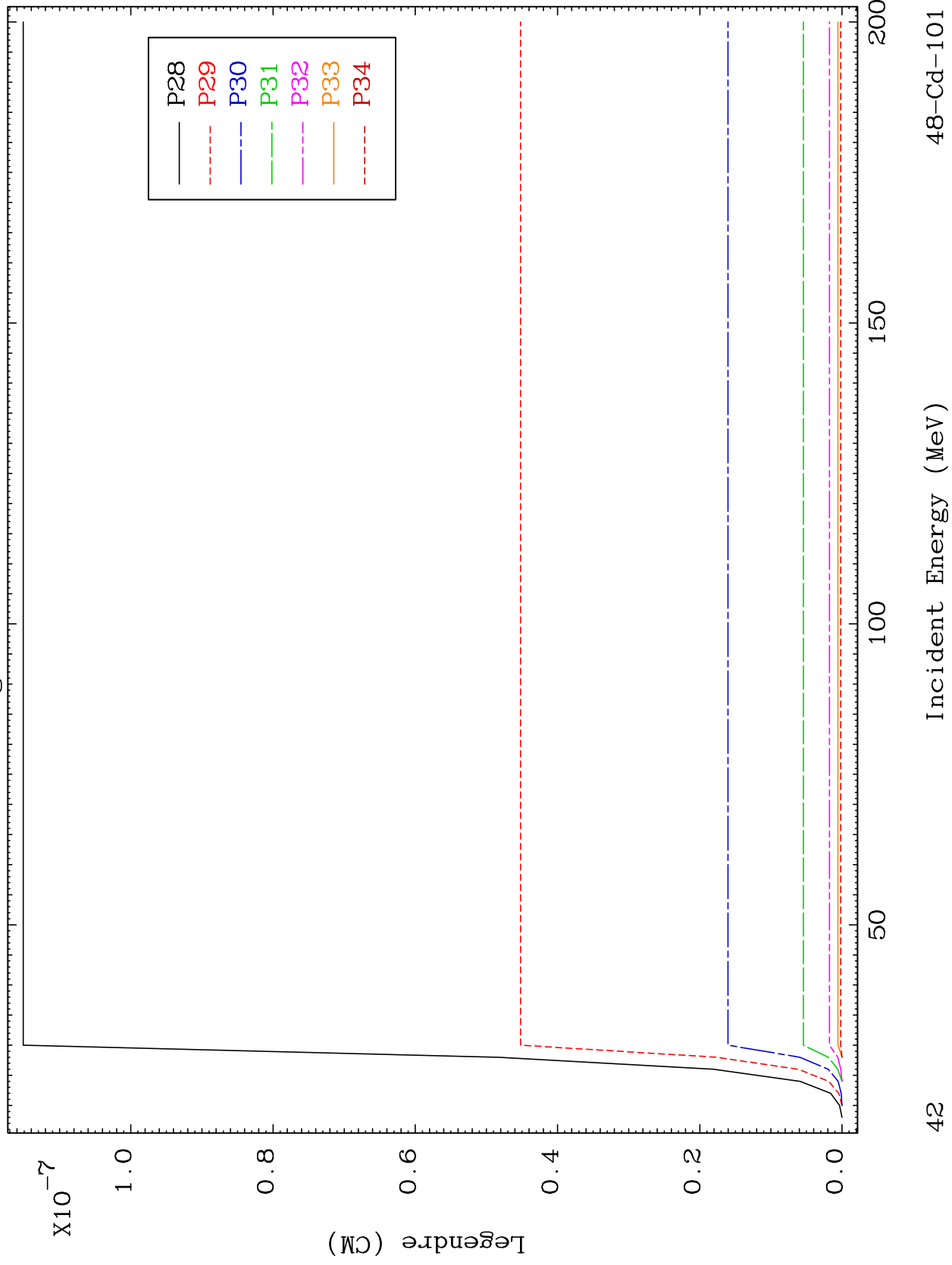
48-Cd-101



MAT 4810

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

48-Cd-101



42

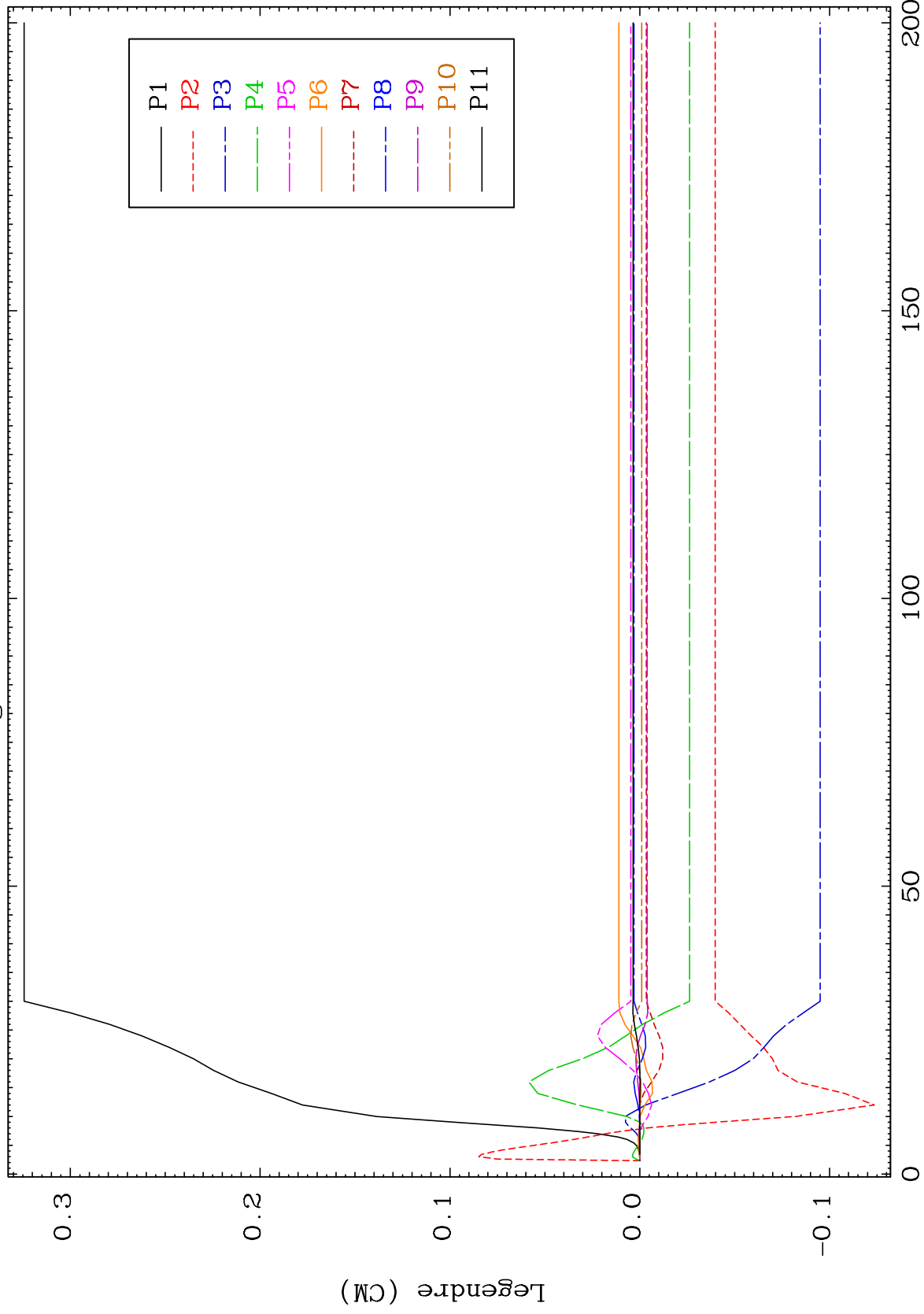
Incident Energy (MeV)

48-Cd-101

MAT 4810

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

48-Cd-101



43

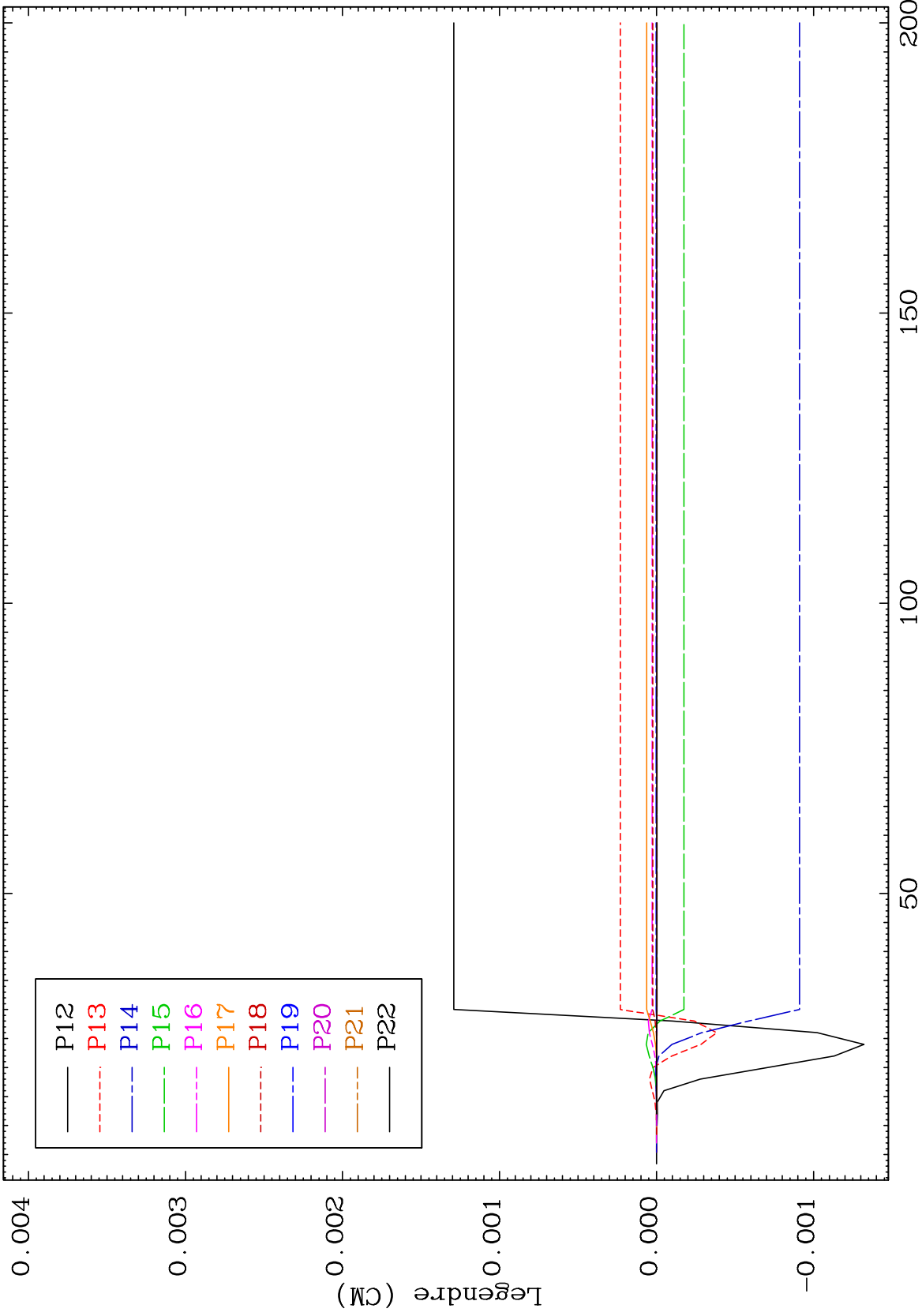
Incident Energy (MeV)

48-Cd-101

MAT 4810

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

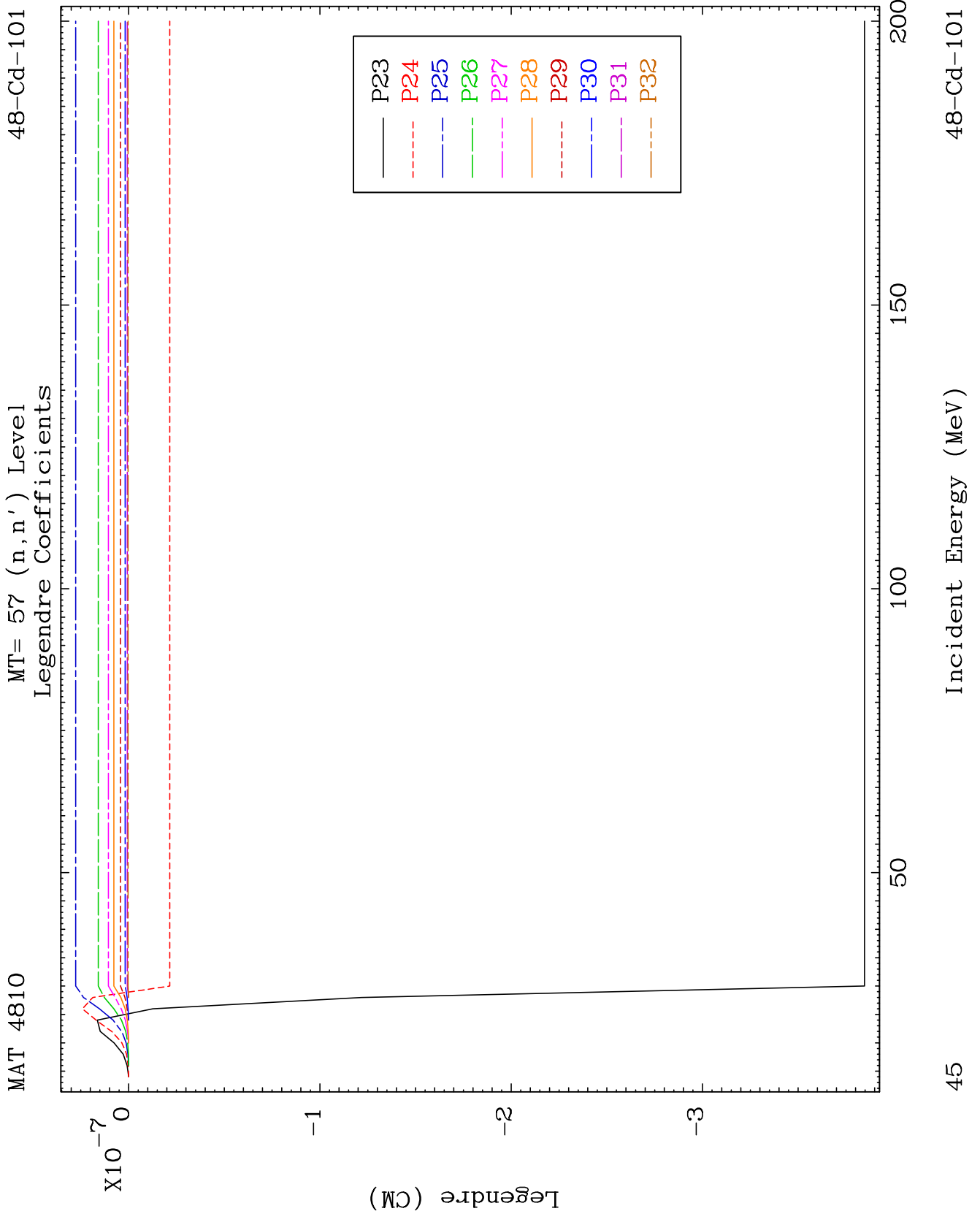
48-Cd-101



44

Incident Energy (MeV)

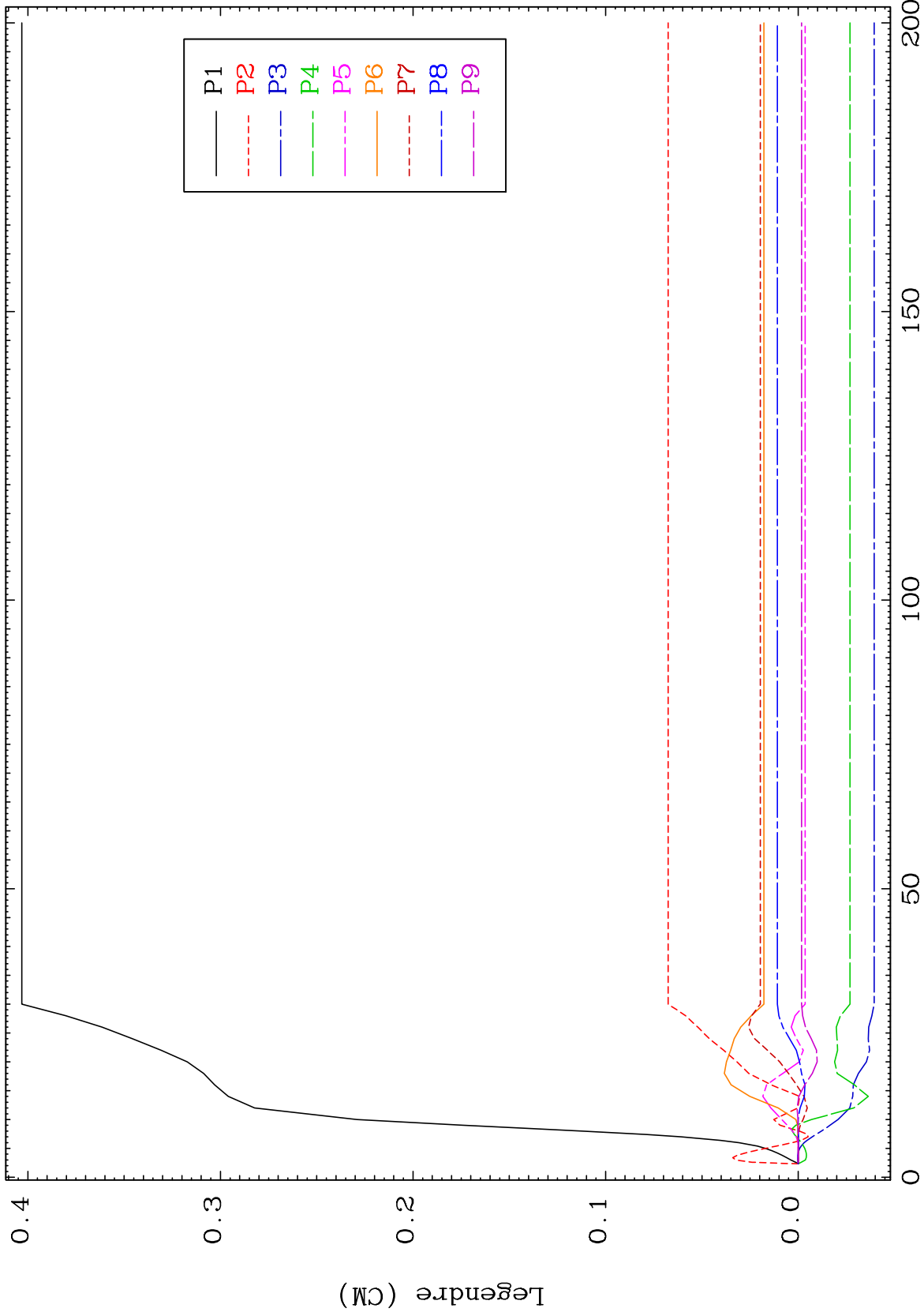
48-Cd-101



MAT 4810

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

48-Cd-101



46

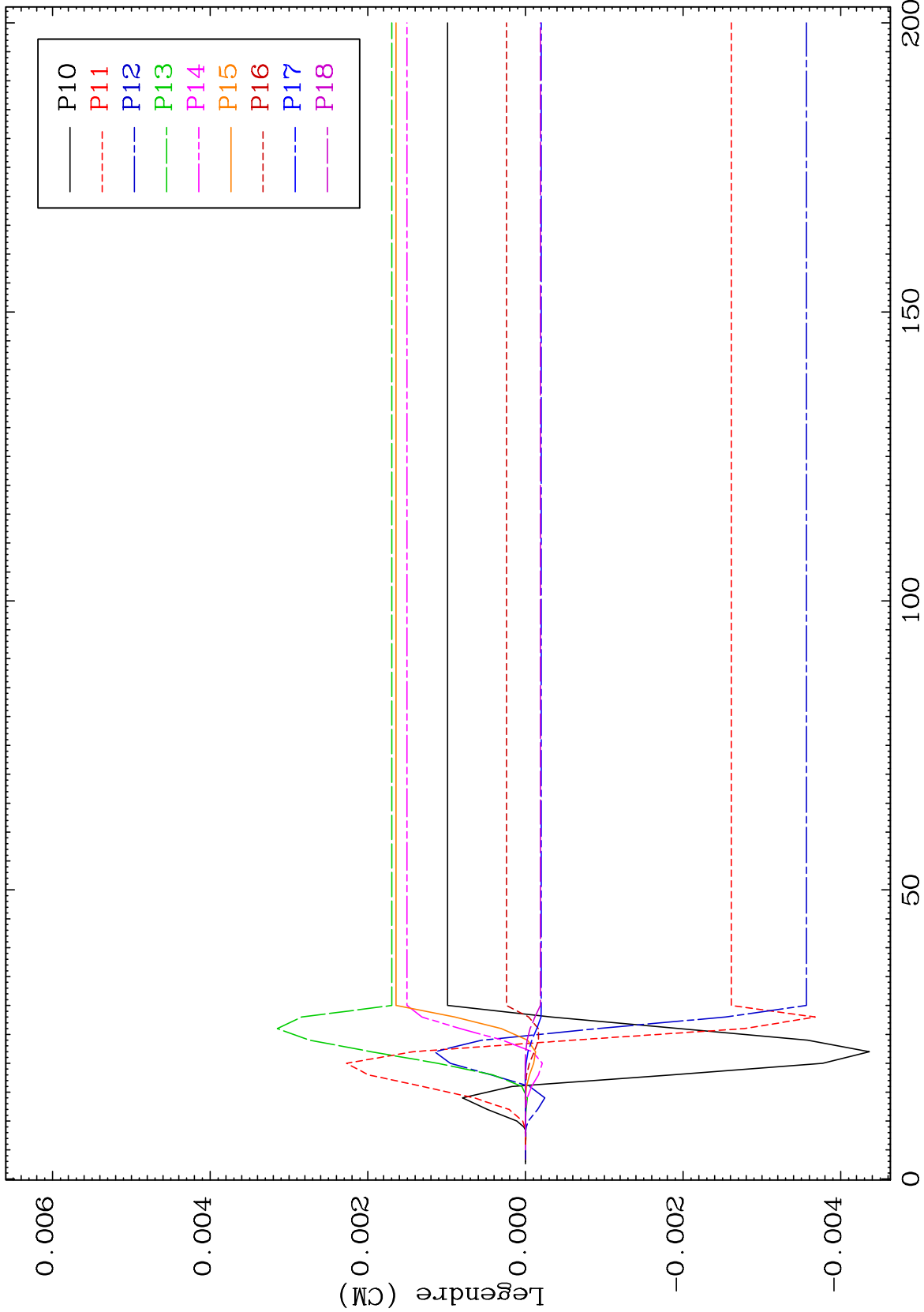
Incident Energy (MeV)

48-Cd-101

MAT 4810

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

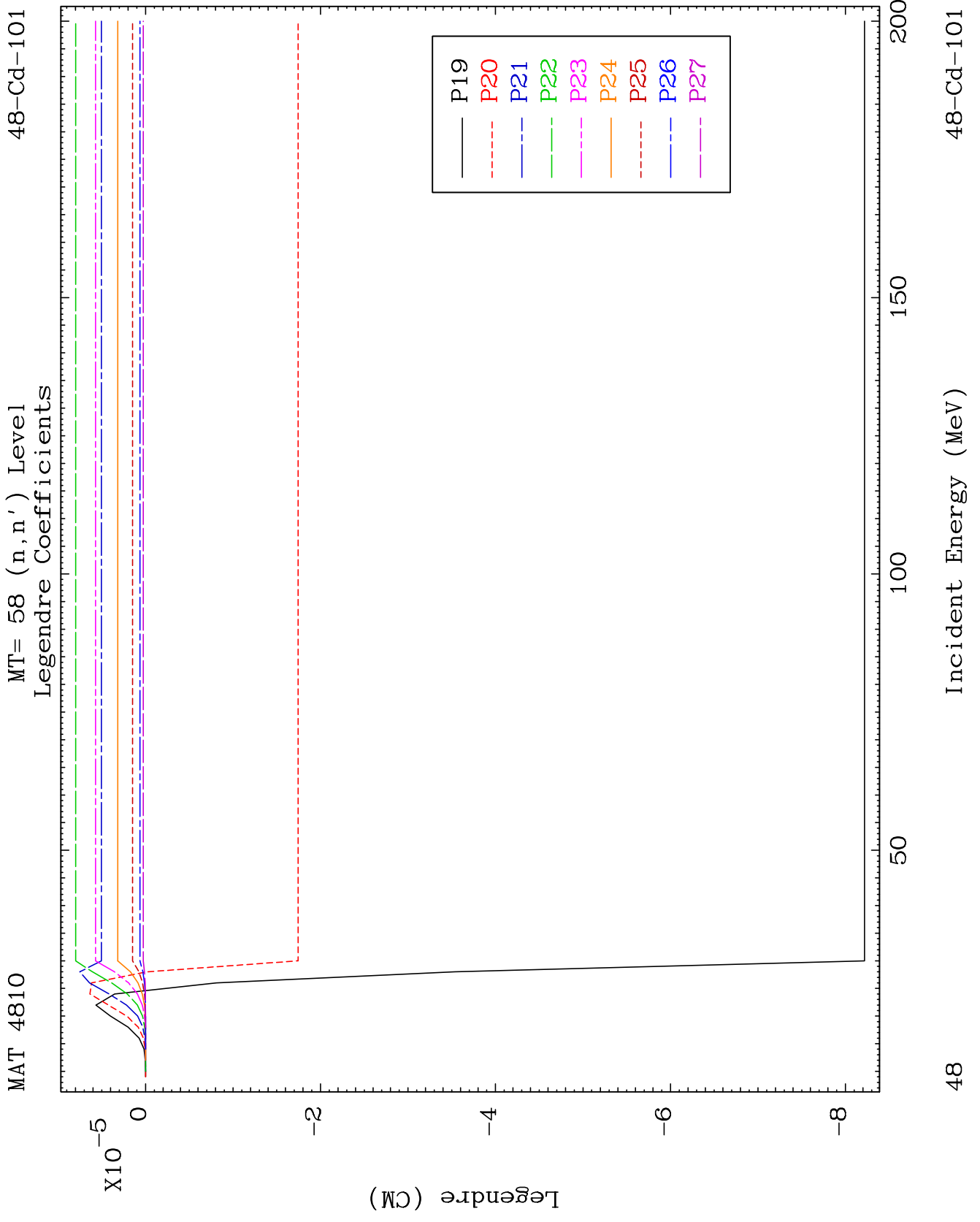
48-Cd-101



47

Incident Energy (MeV)

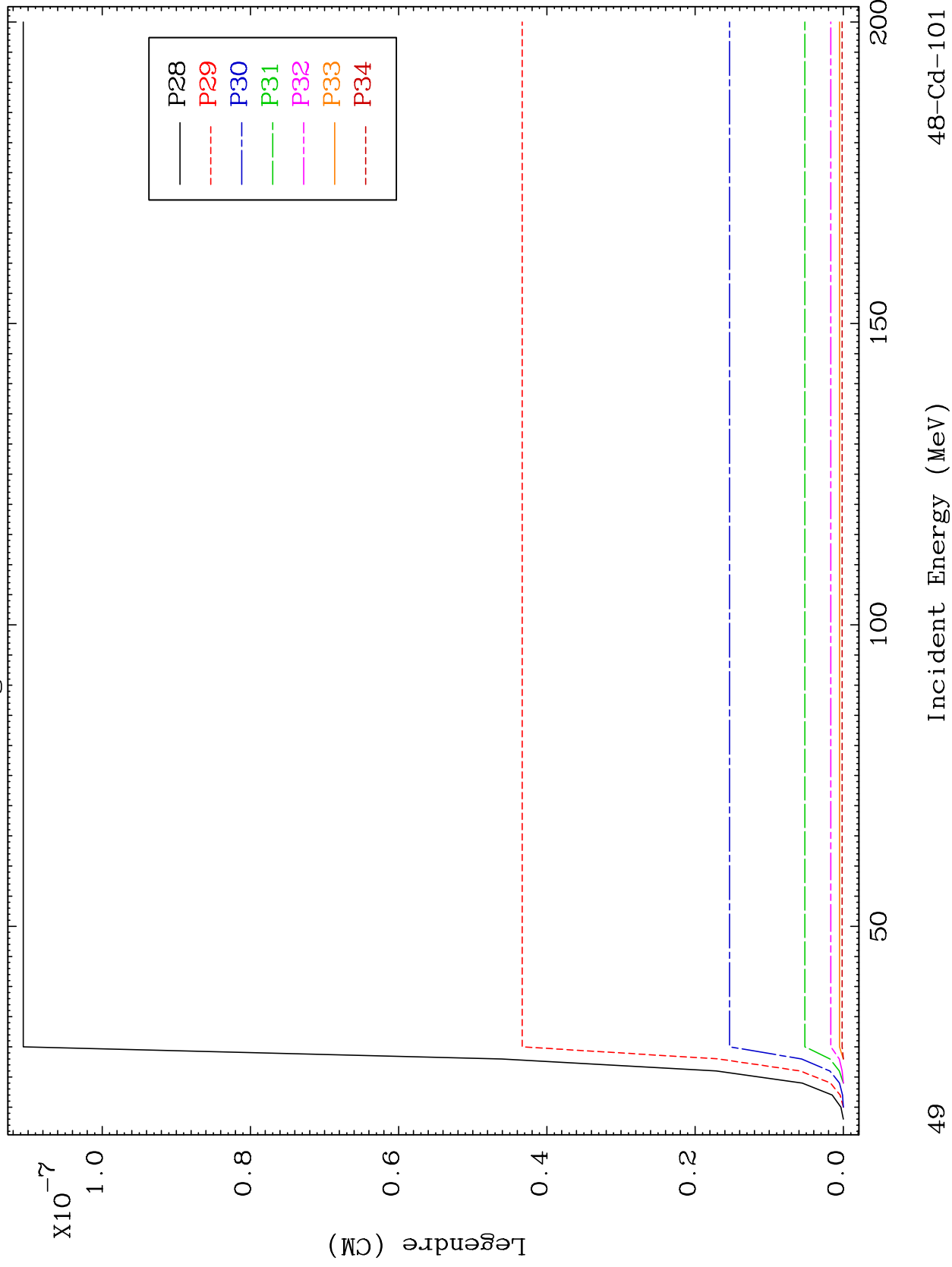
48-Cd-101



MAT 4810

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

48-Cd-101

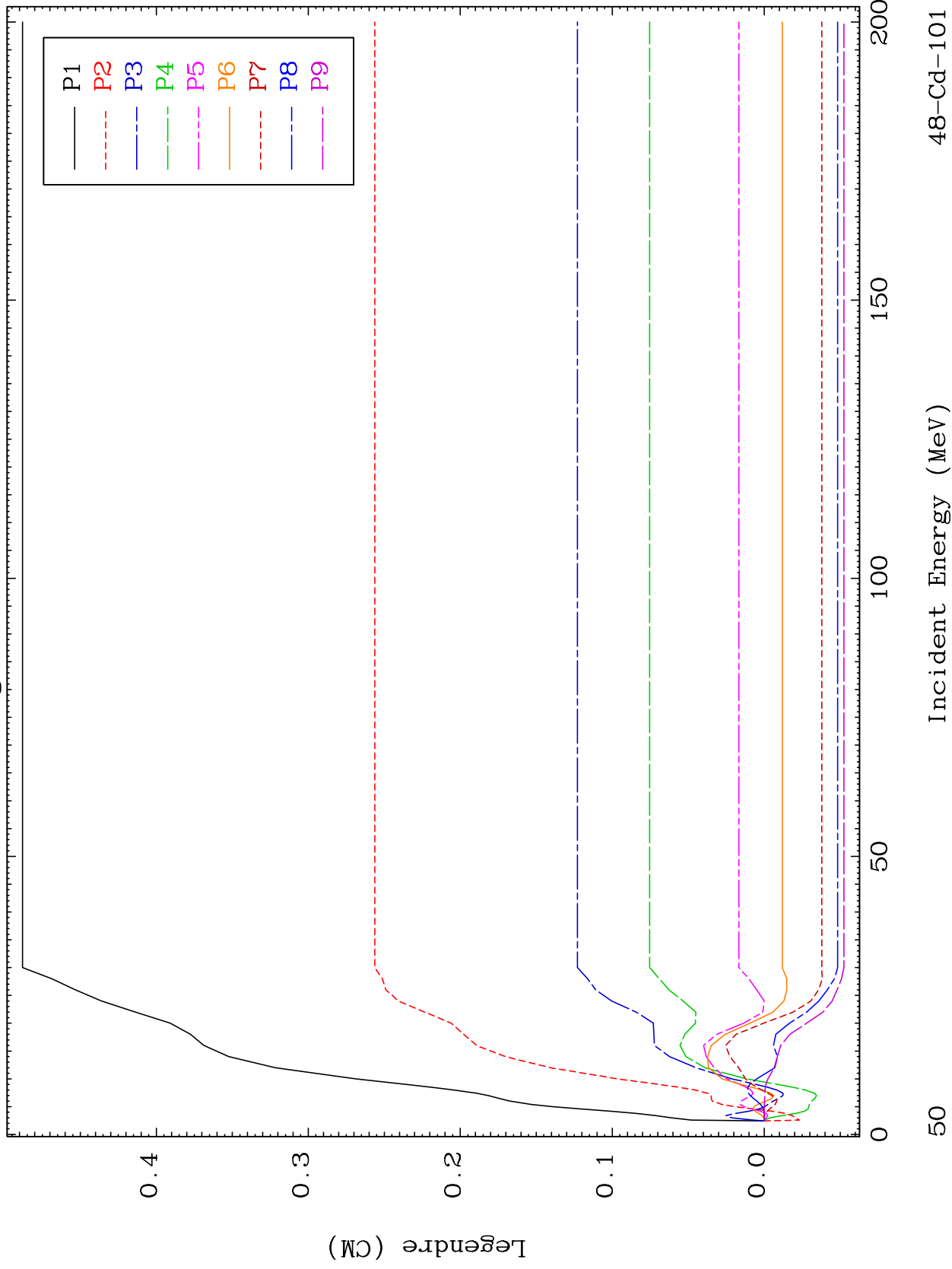


49

MAT 4810

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

48-Cd-101



48-Cd-101

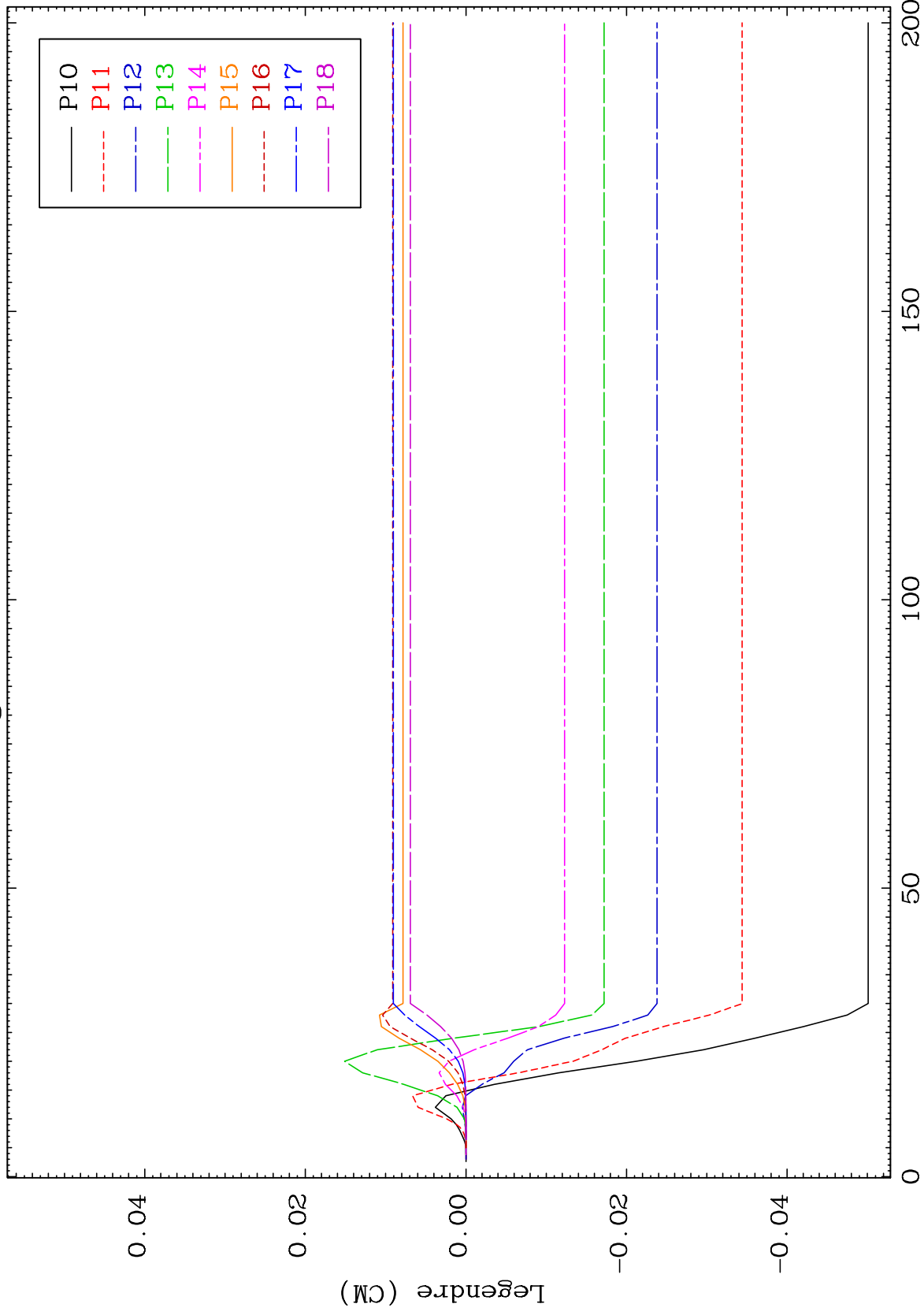
Incident Energy (MeV)

50

MAT 4810

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

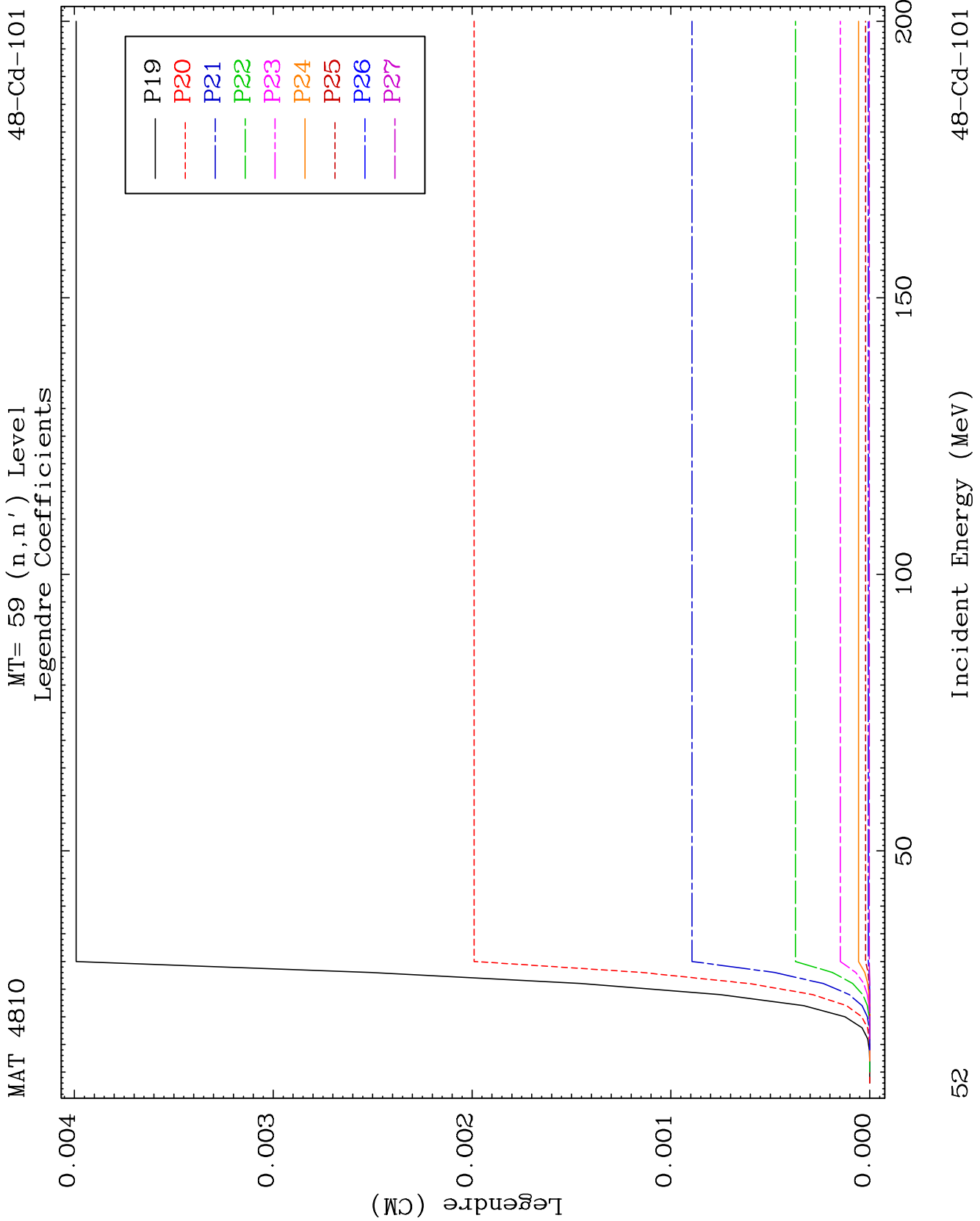
48-Cd-101



51

Incident Energy (MeV)

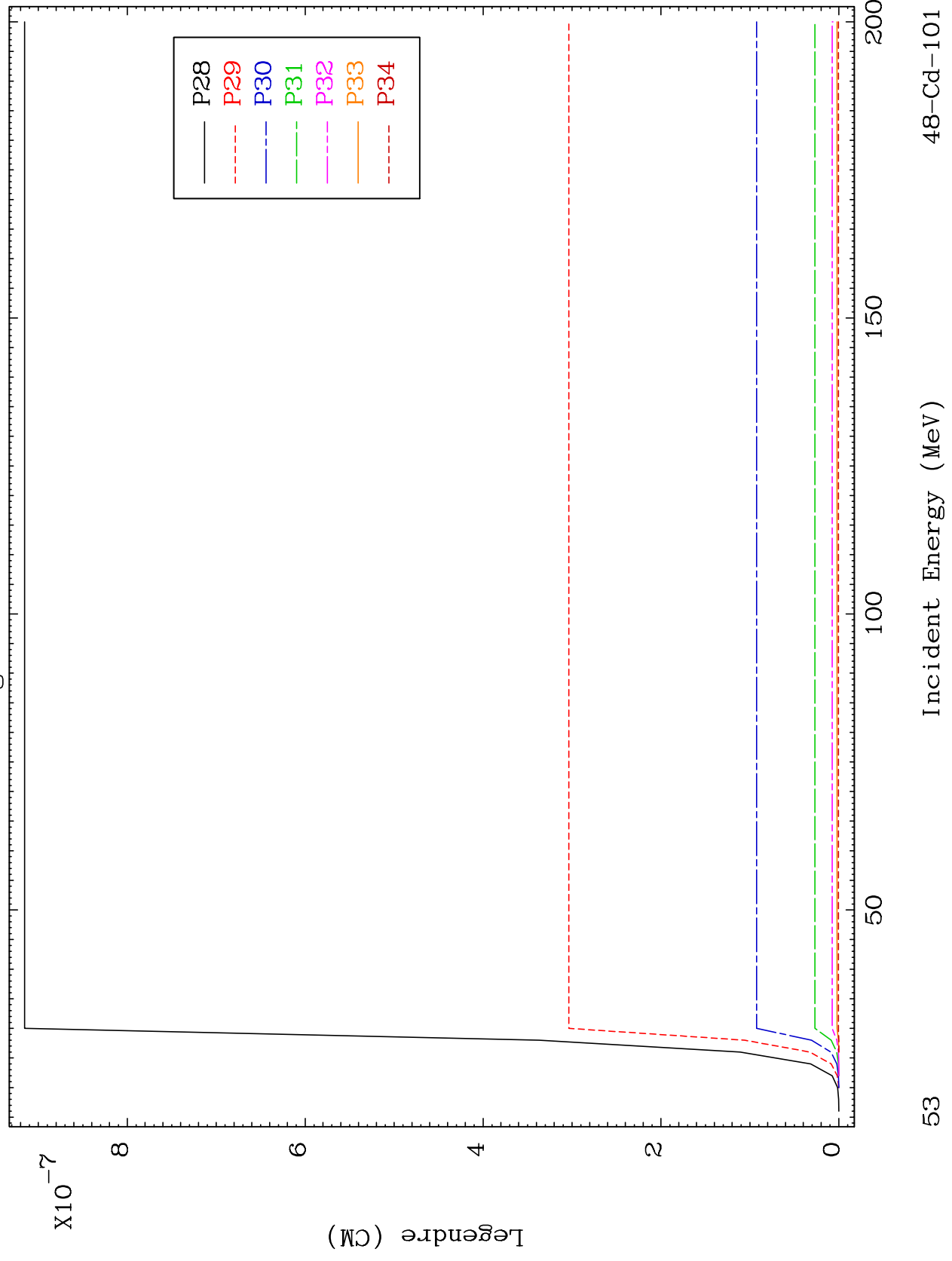
48-Cd-101



MAT 4810

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

48-Cd-101



53

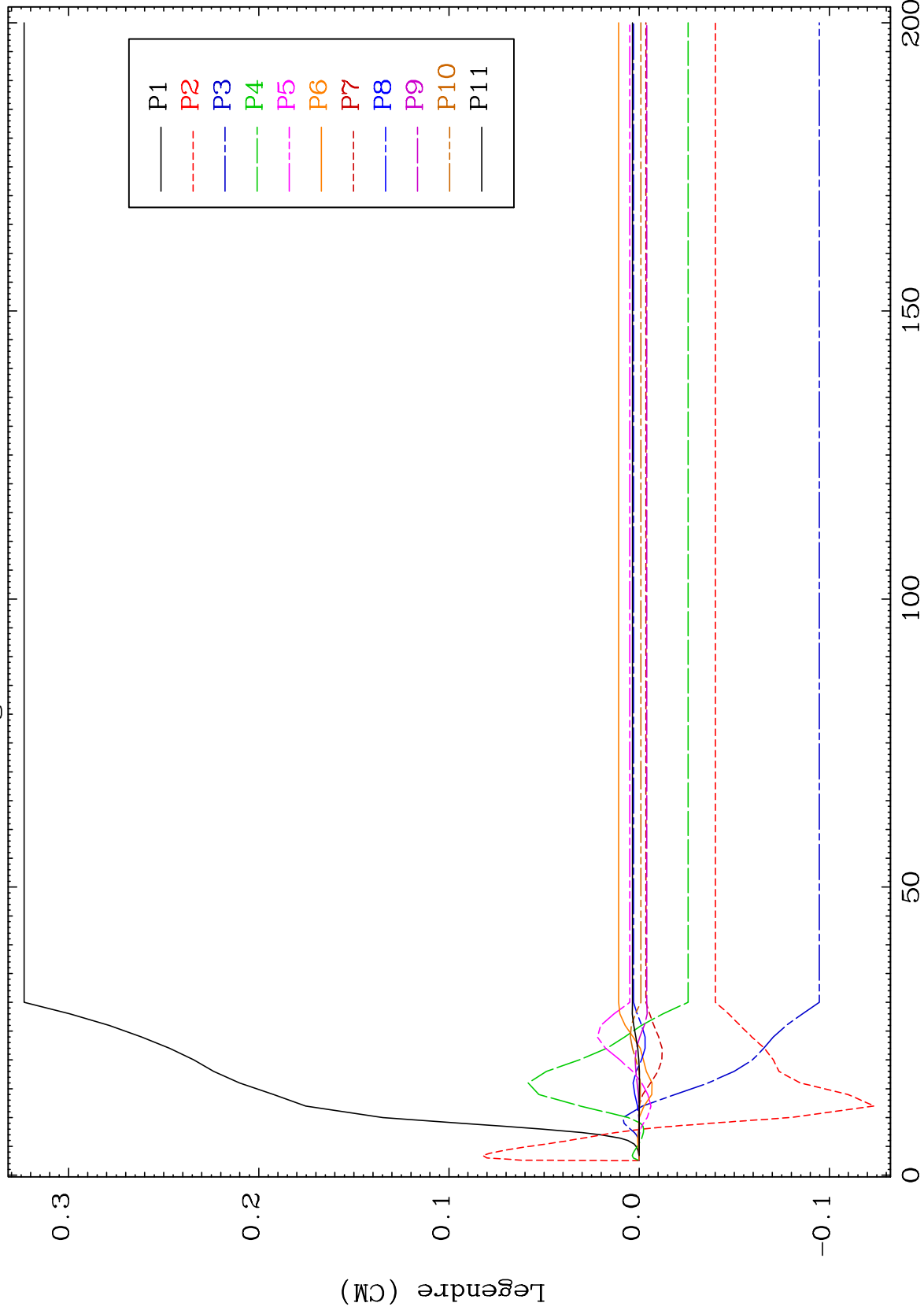
Incident Energy (MeV)

48-Cd-101

MAT 4810

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

48-Cd-101



54

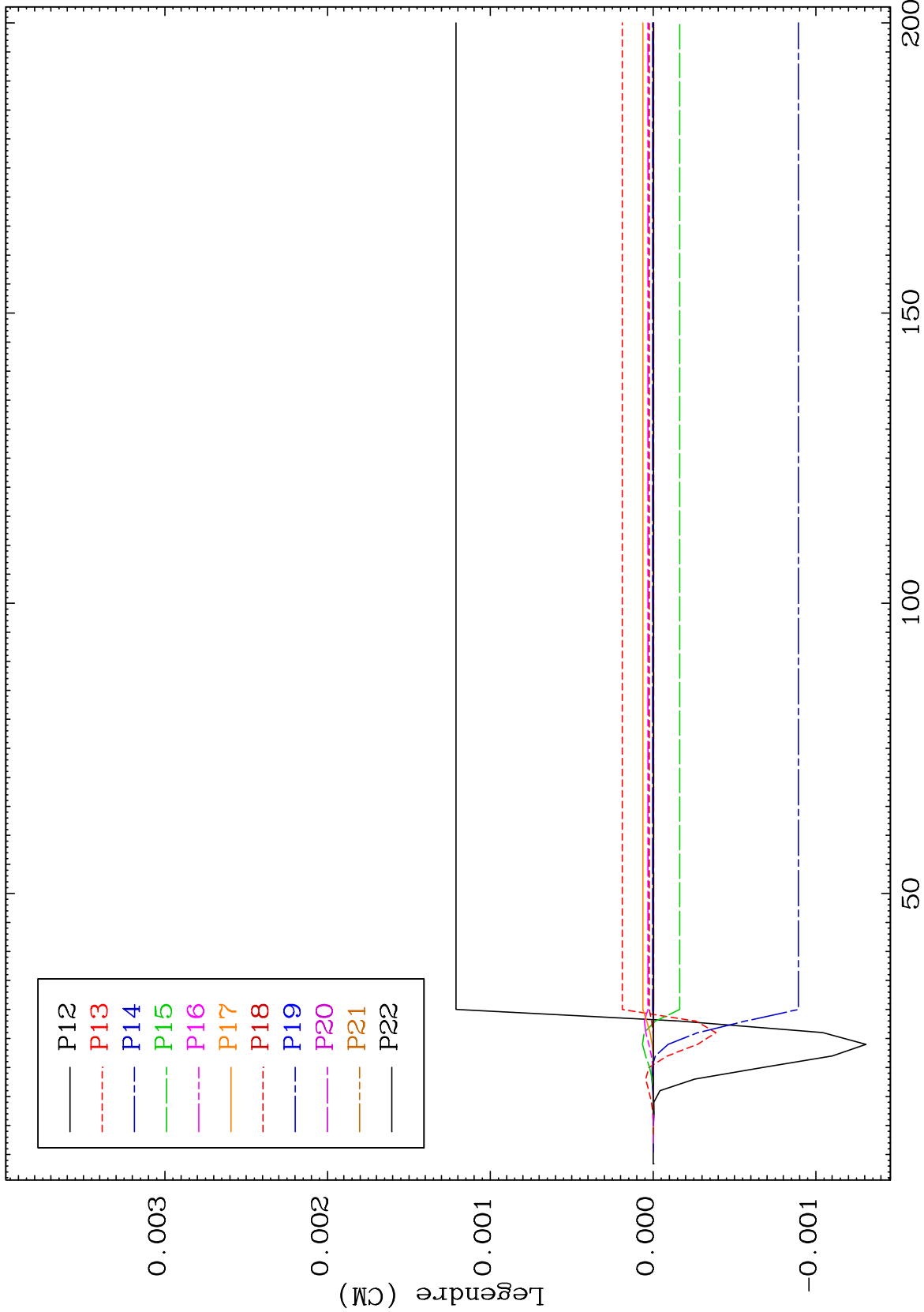
Incident Energy (MeV)

48-Cd-101

MAT 4810

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

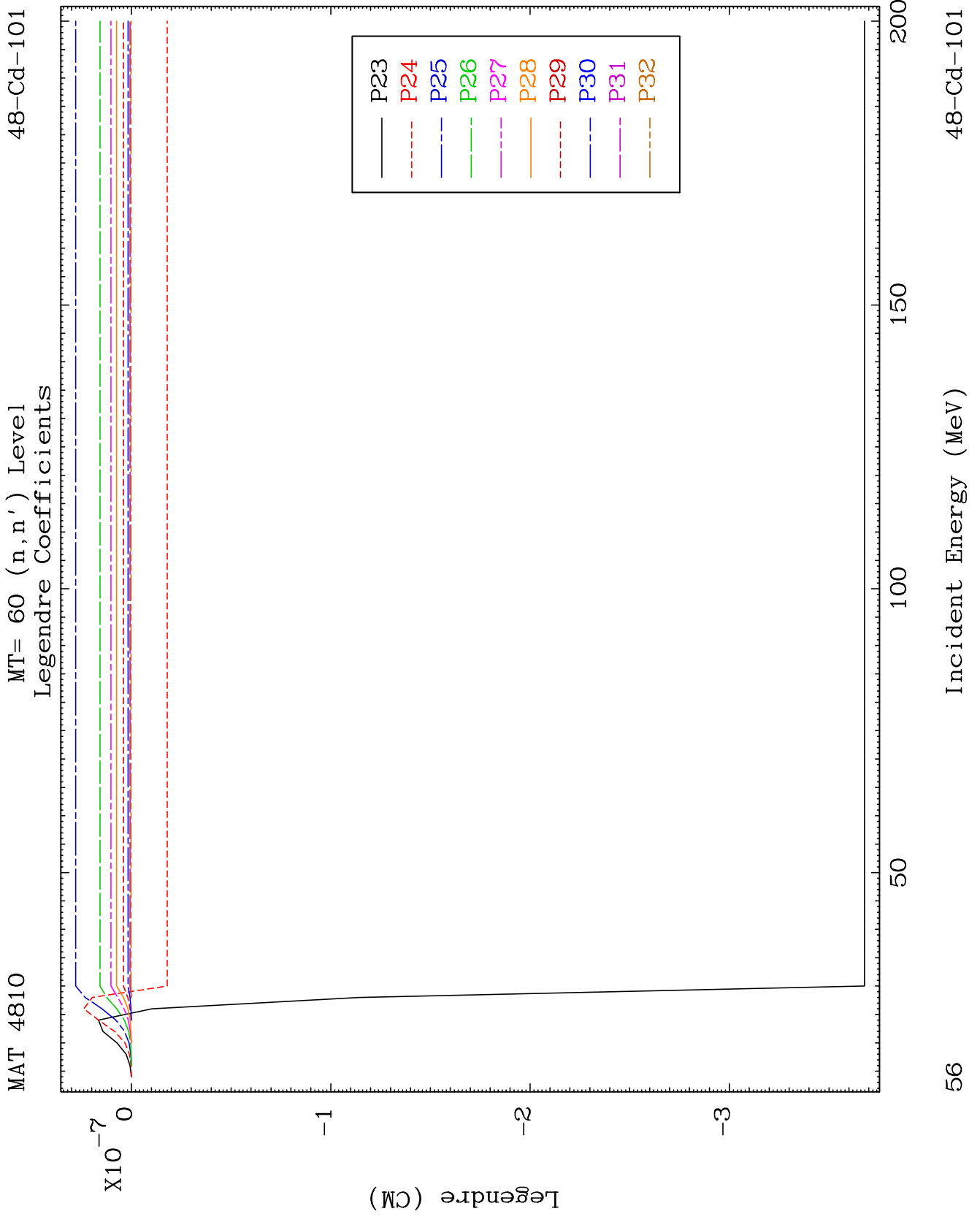
48-Cd-101



55

Incident Energy (MeV)

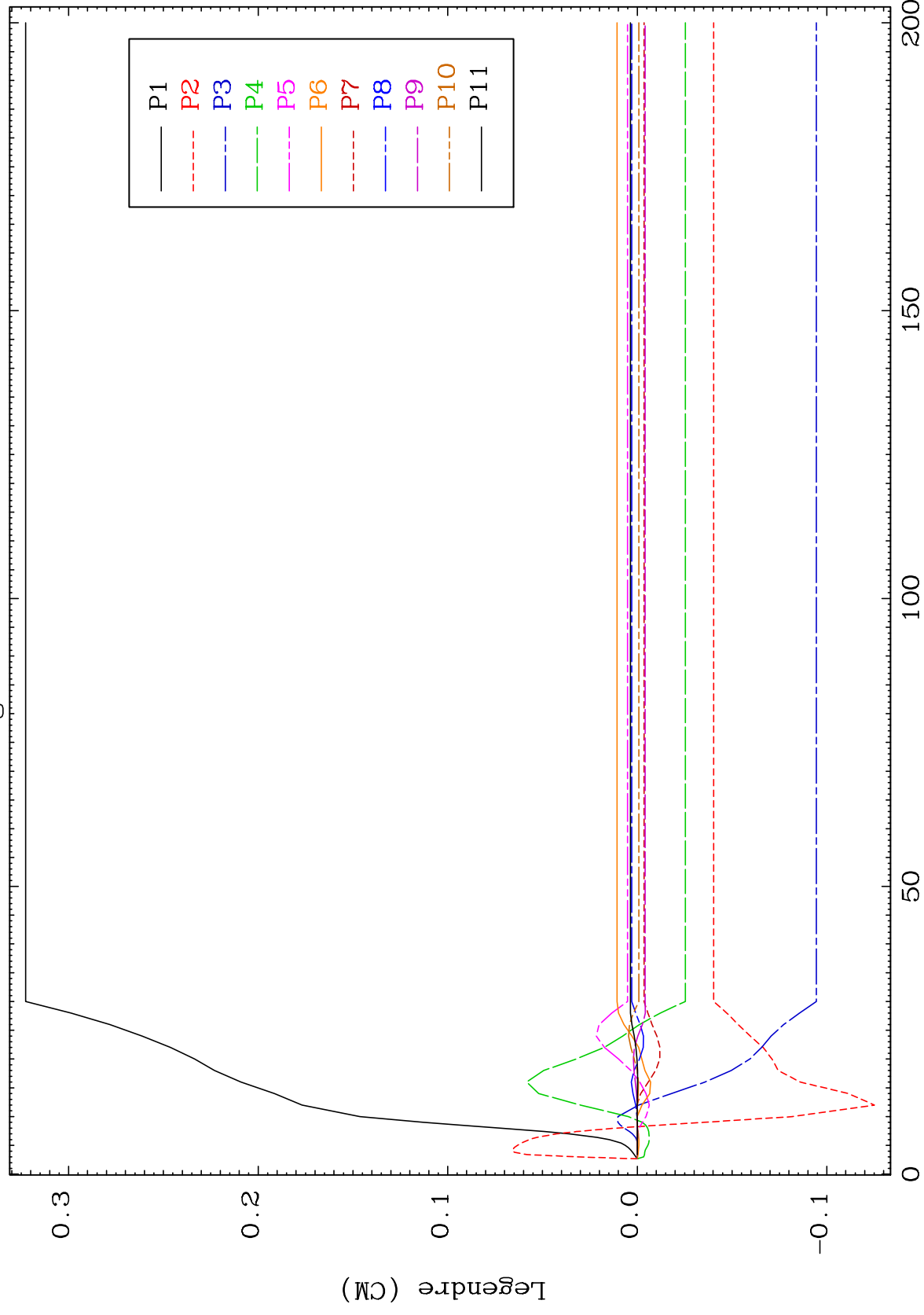
48-Cd-101



MAT 4810

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

48-Cd-101



57

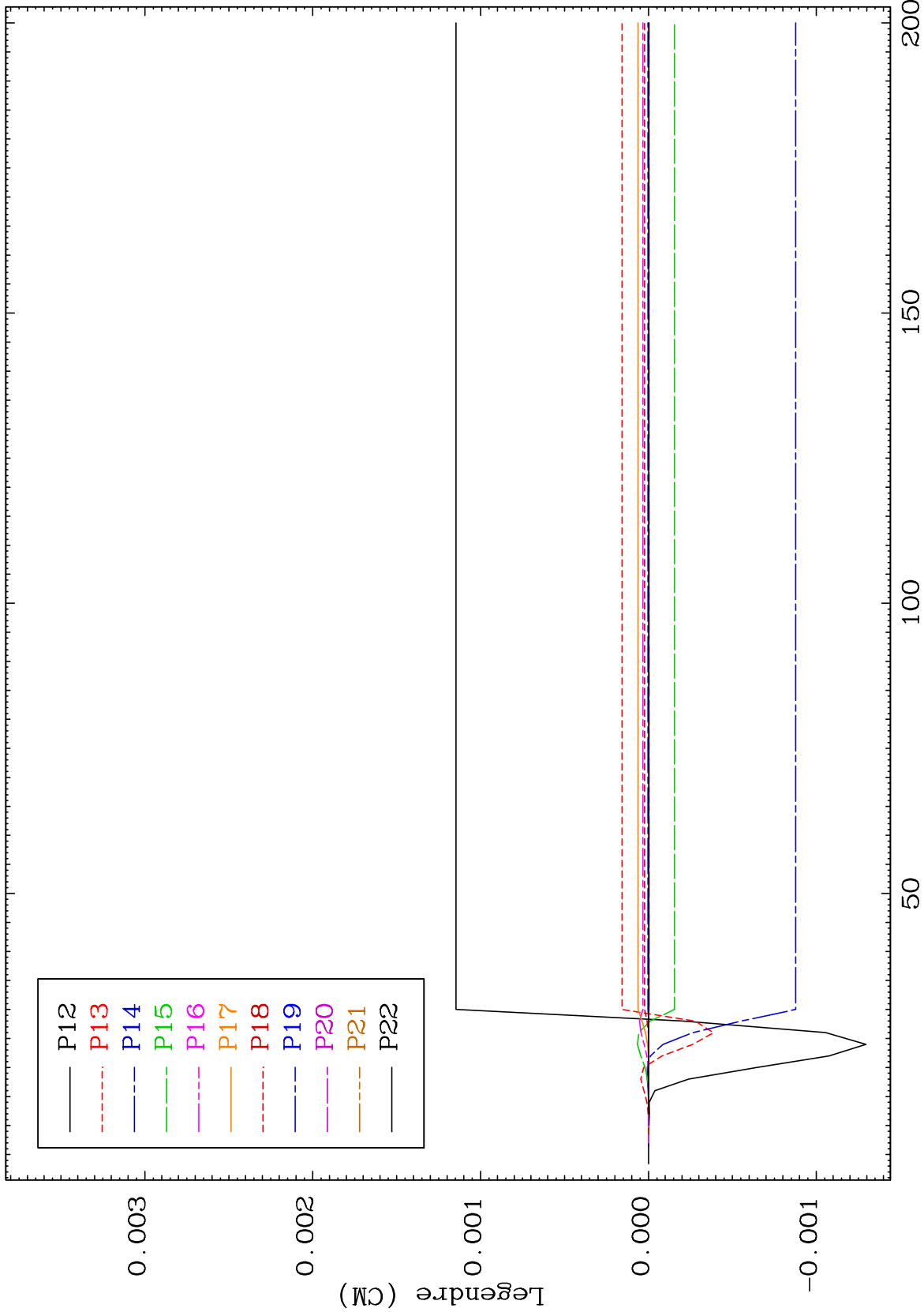
Incident Energy (MeV)

48-Cd-101

MAT 4810

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

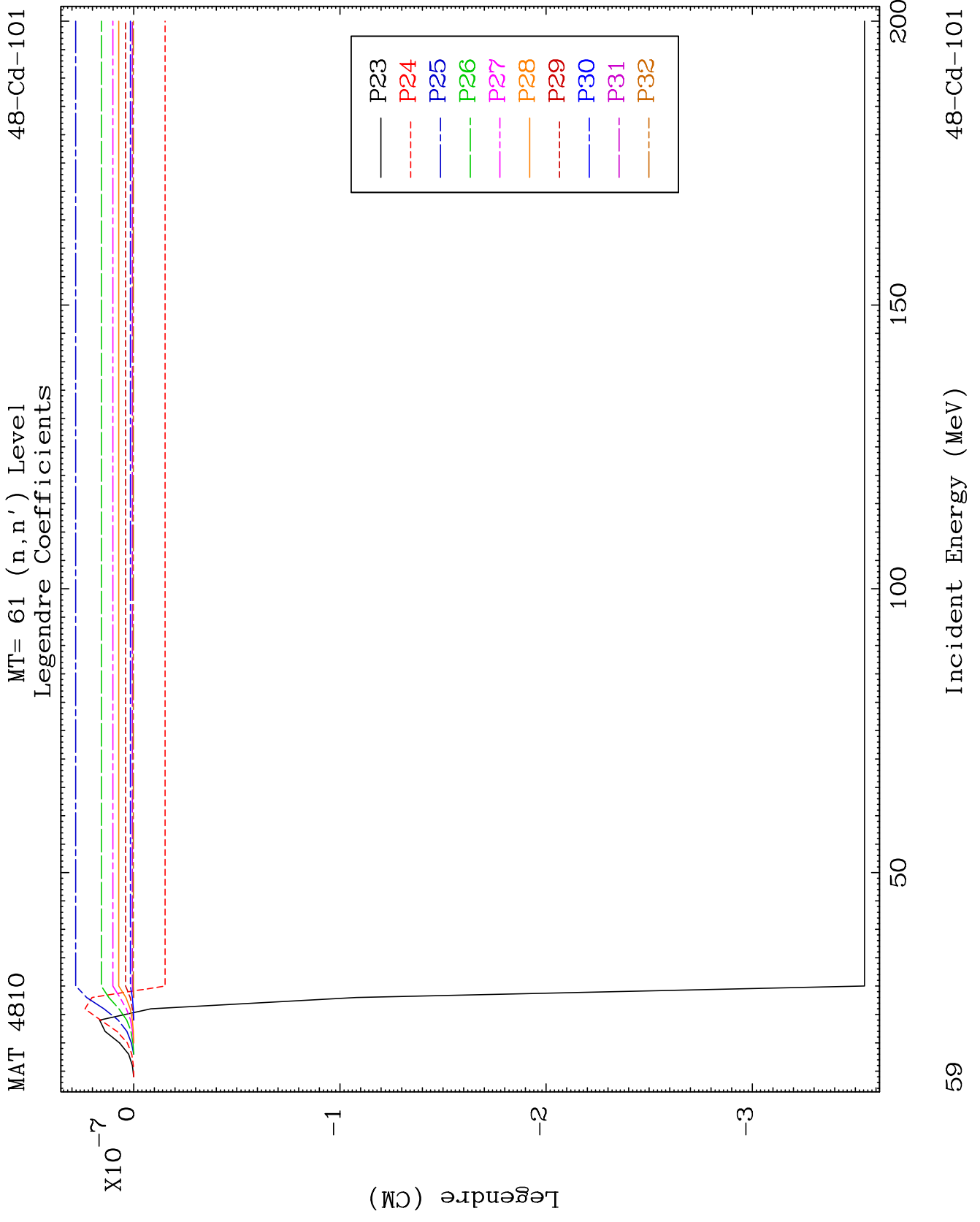
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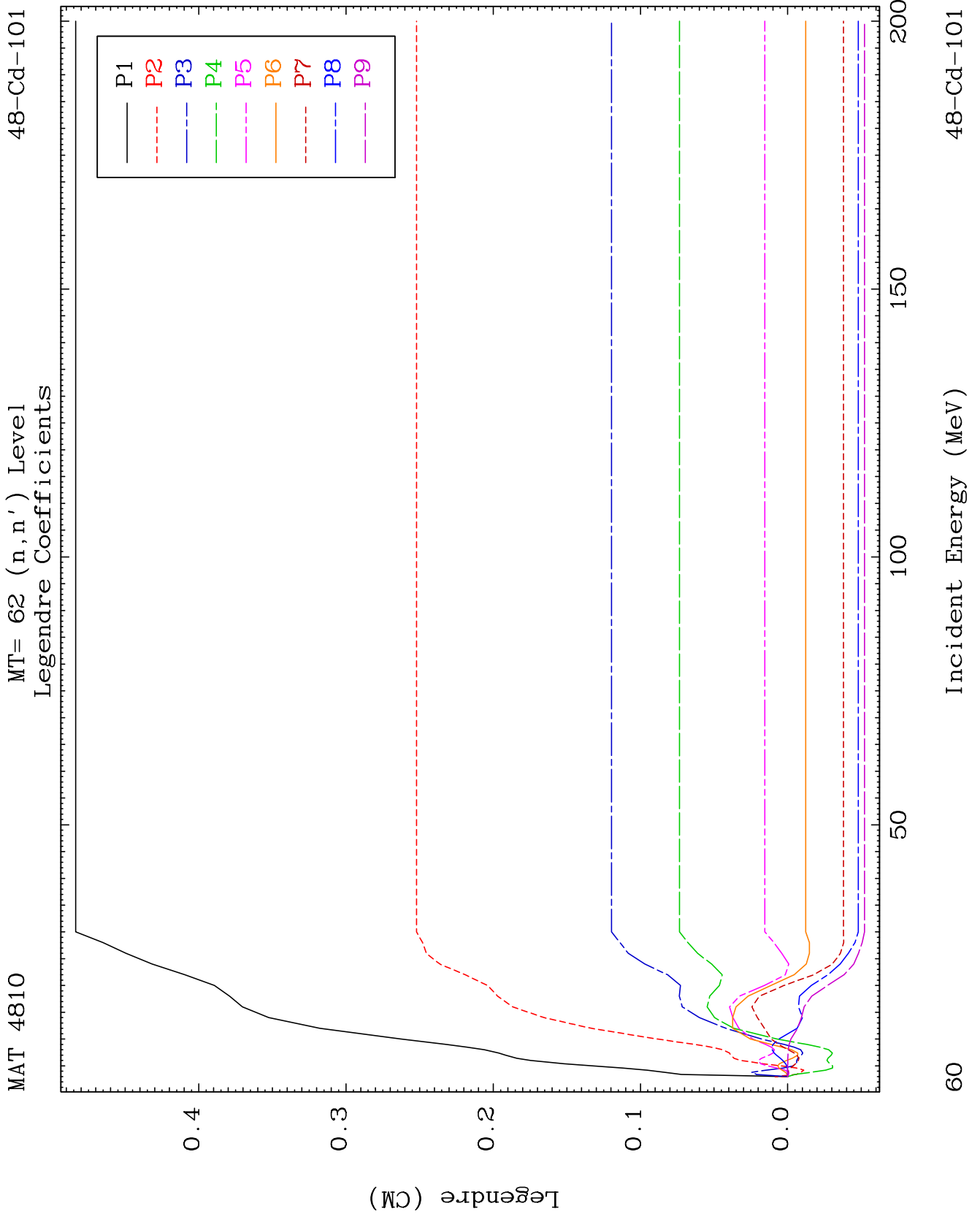


58

Incident Energy (MeV)

48-Cd-101

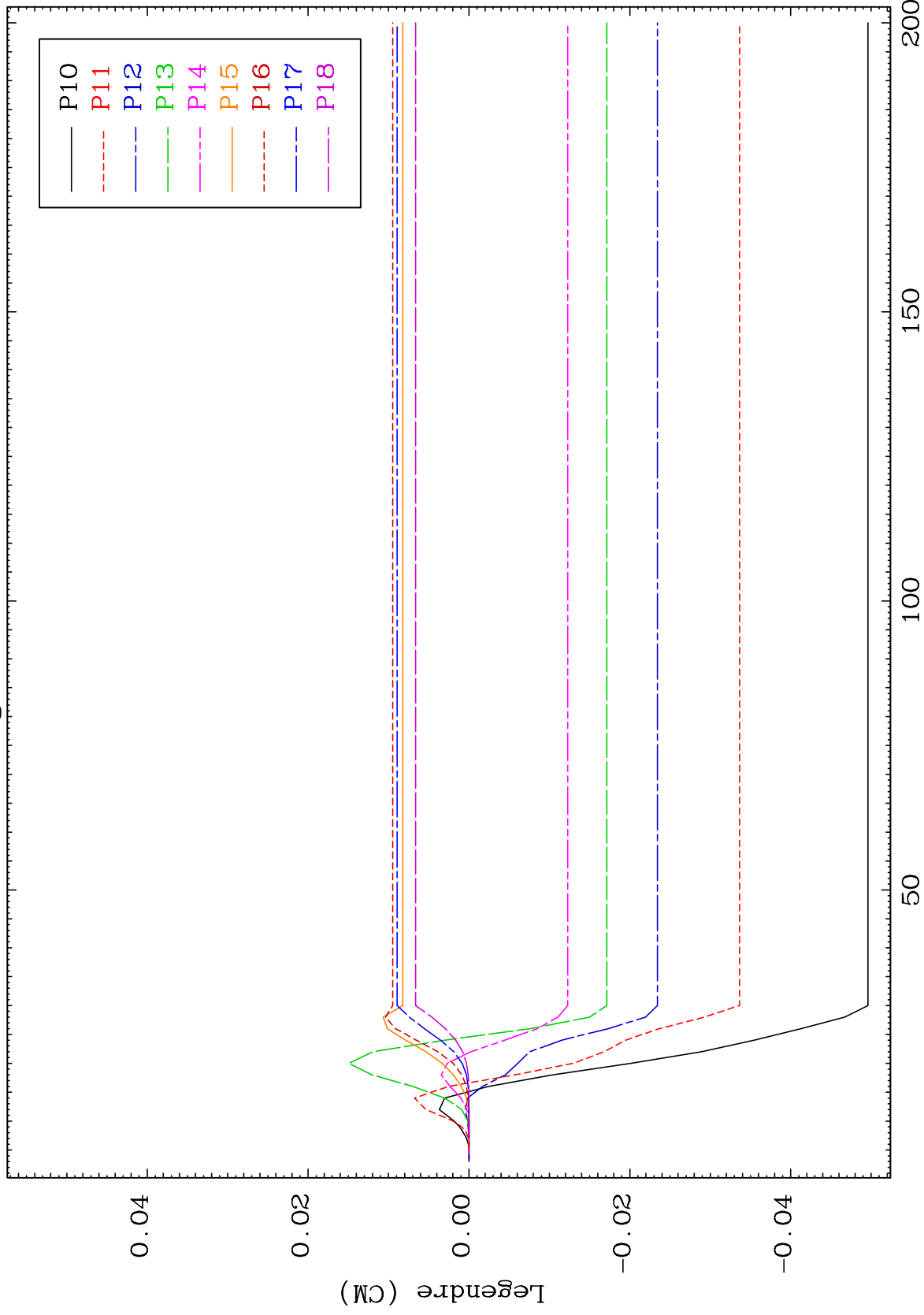




MAT 4810

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

48-Cd-101



61

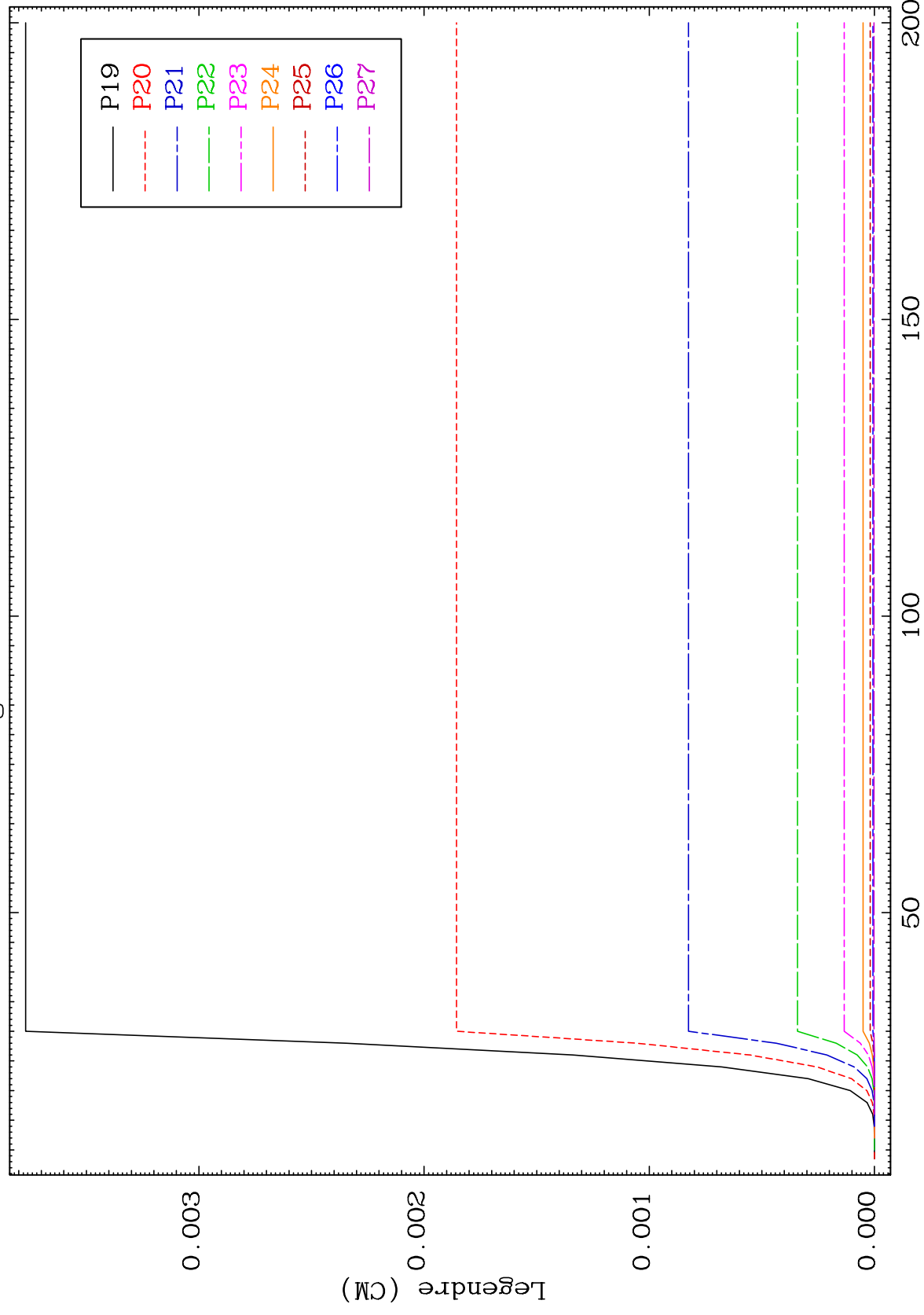
Incident Energy (MeV)

48-Cd-101

MAT 4810

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

48-Cd-101



62

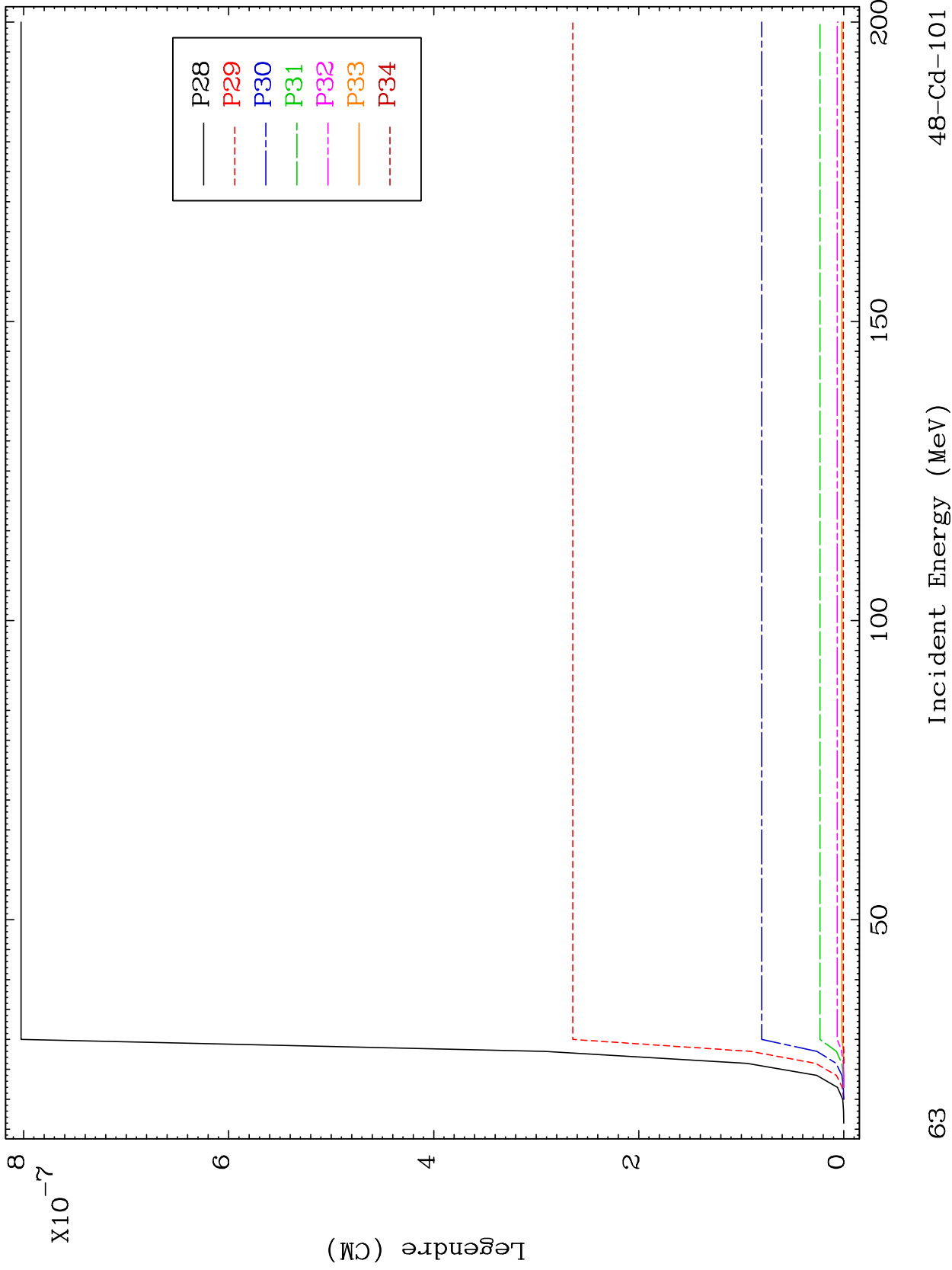
Incident Energy (MeV)

48-Cd-101

MAT 4810

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

48-Cd-101

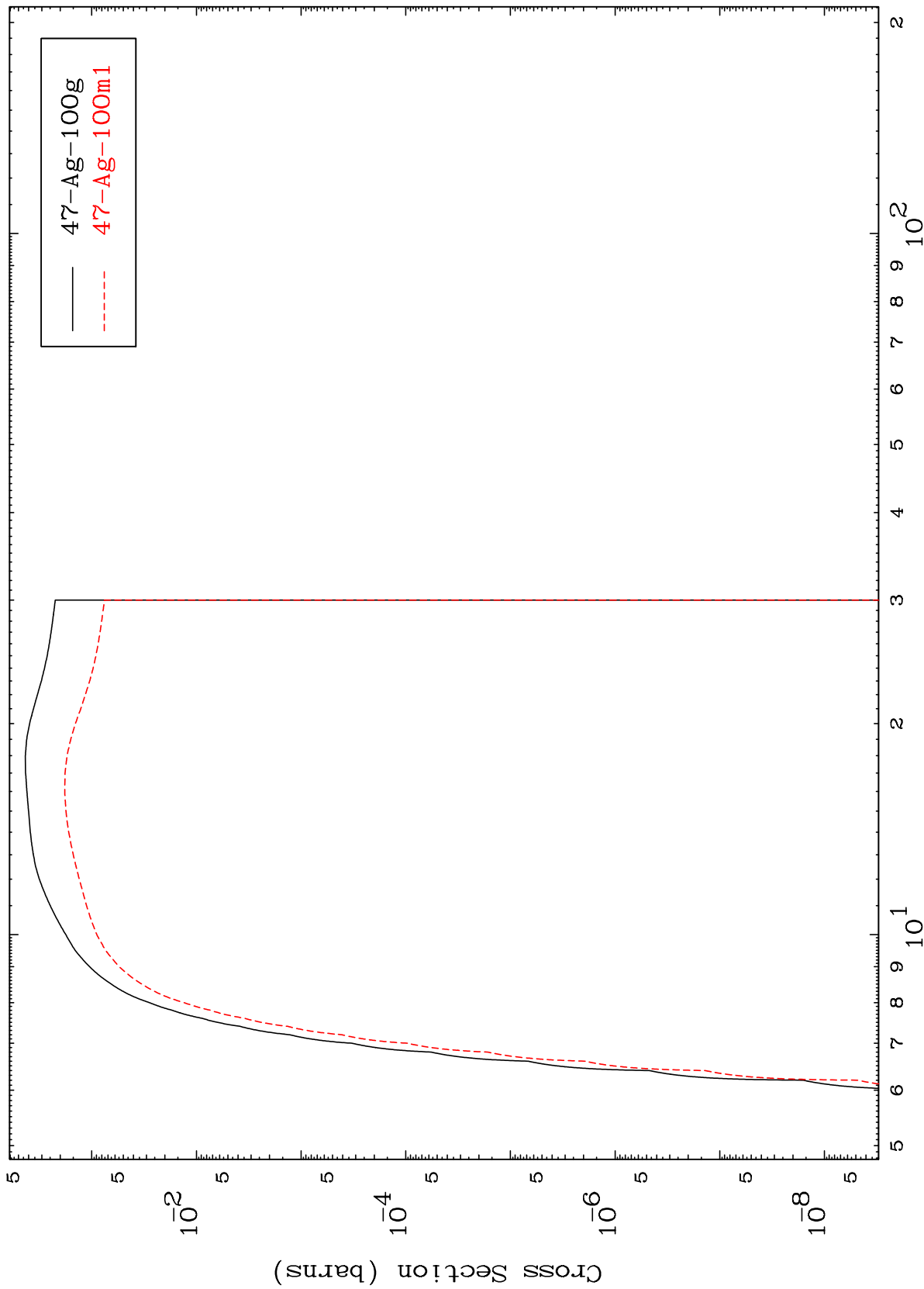


MAT 4810

(n,n') p

48-Cd-101

Radionuclide Production Cross Section



64

Incident Energy (MeV)

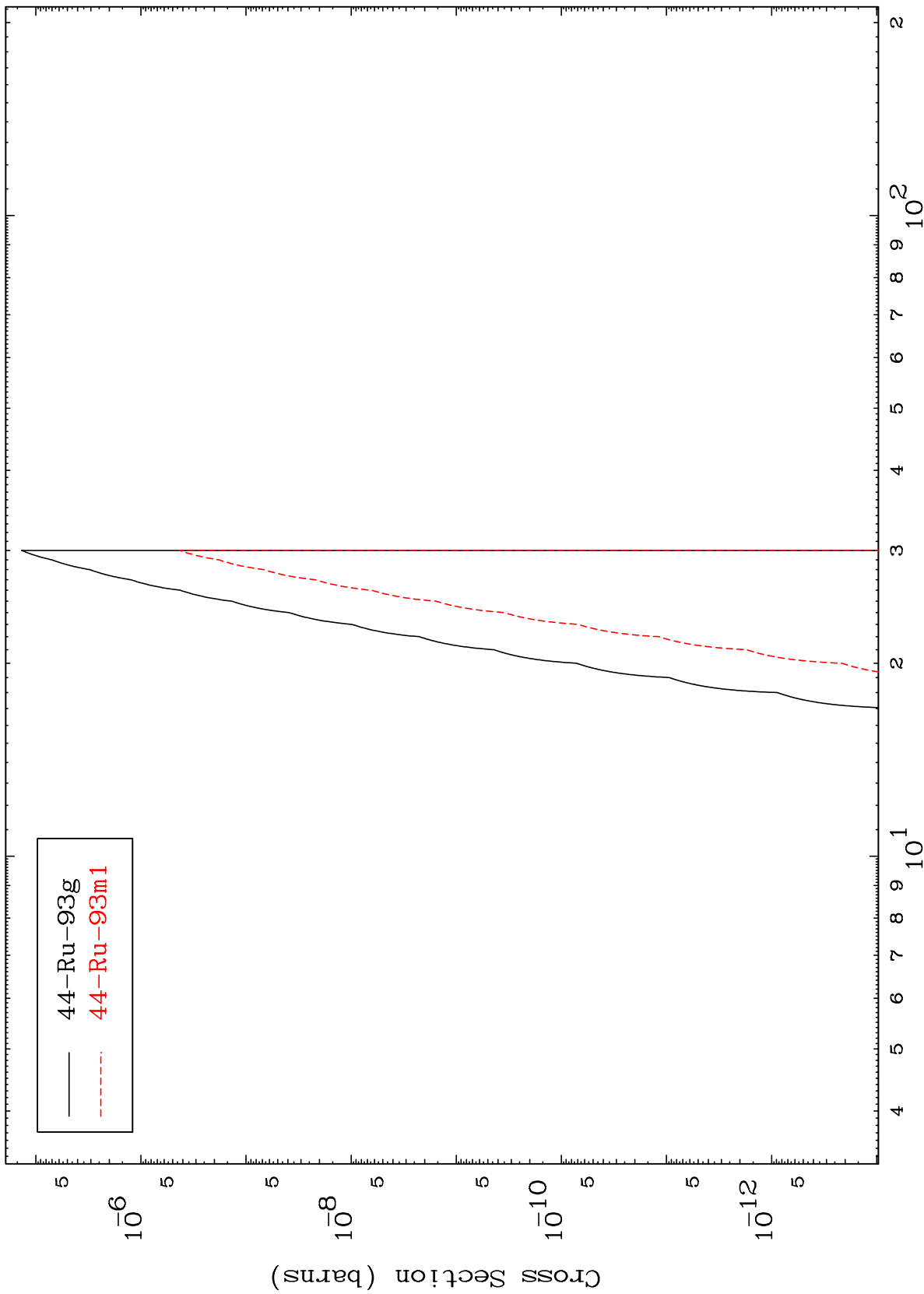
48-Cd-101

MAT 4810

48-Cd-101

(n,n') 2 α

Radionuclide Production Cross Section

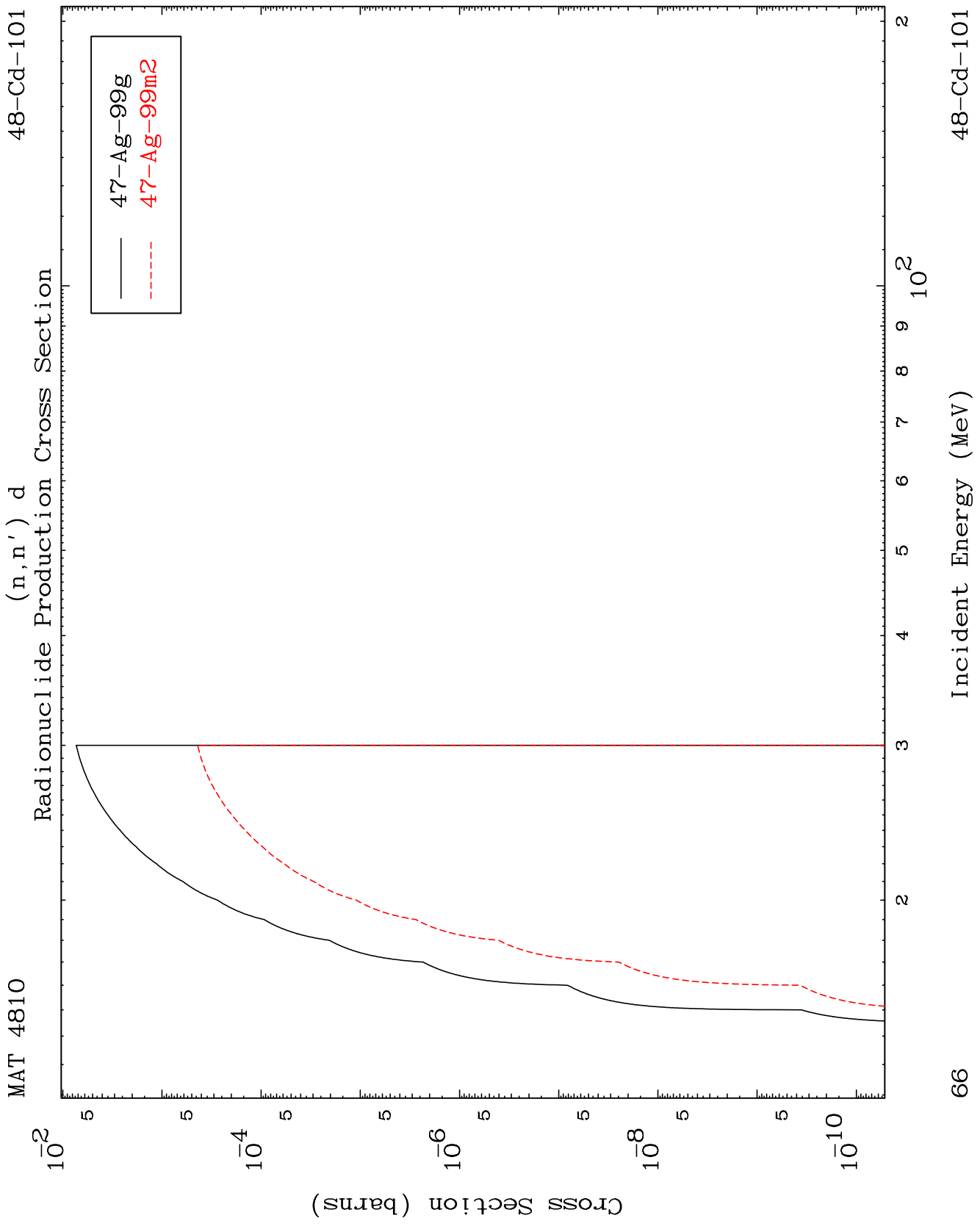


44-Ru-93g
44-Ru-93m1

65

48-Cd-101

Incident Energy (MeV)

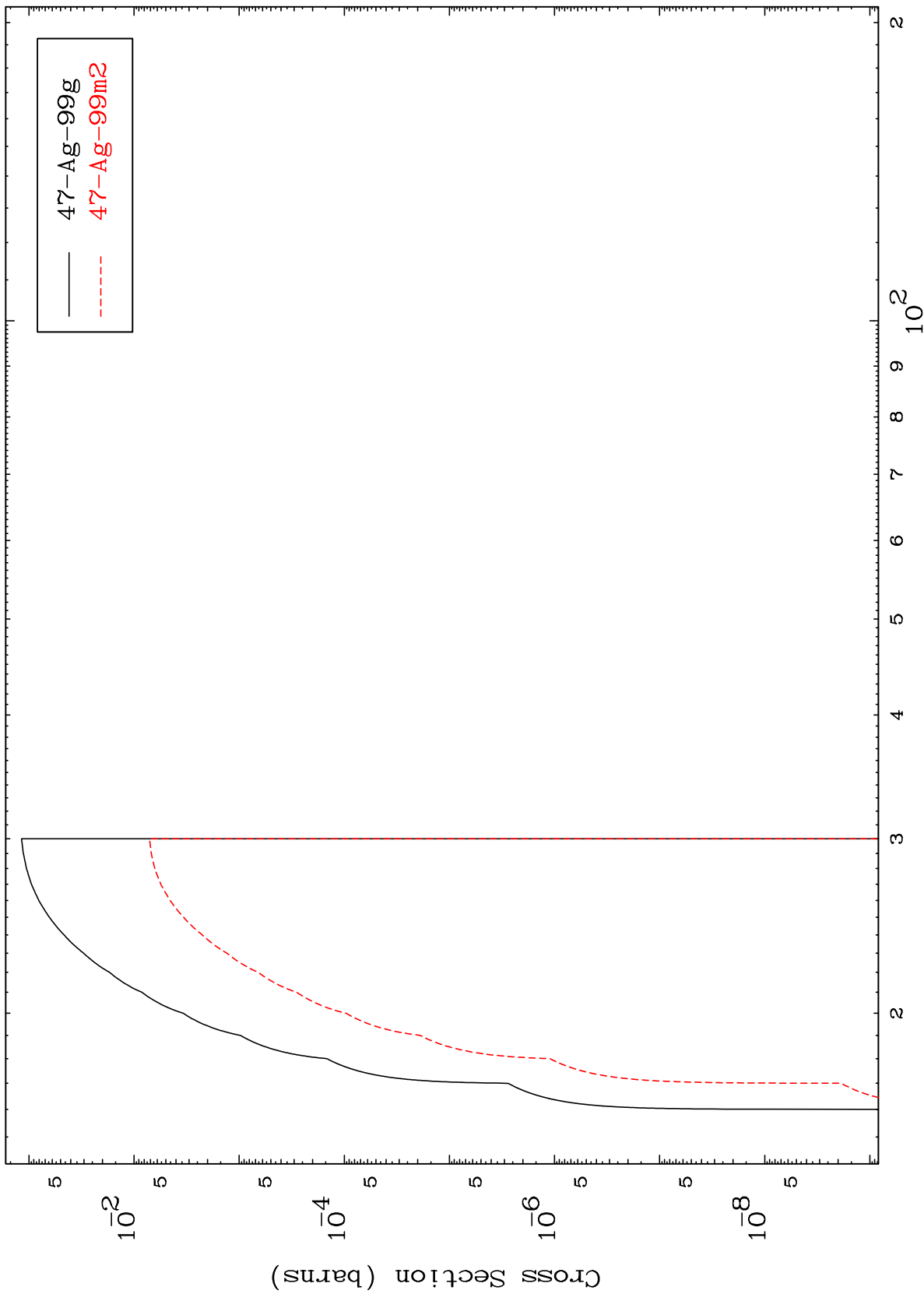


MAT 4810

(n,2n) p

48-Cd-101

Radionuclide Production Cross Section



67

Incident Energy (MeV)

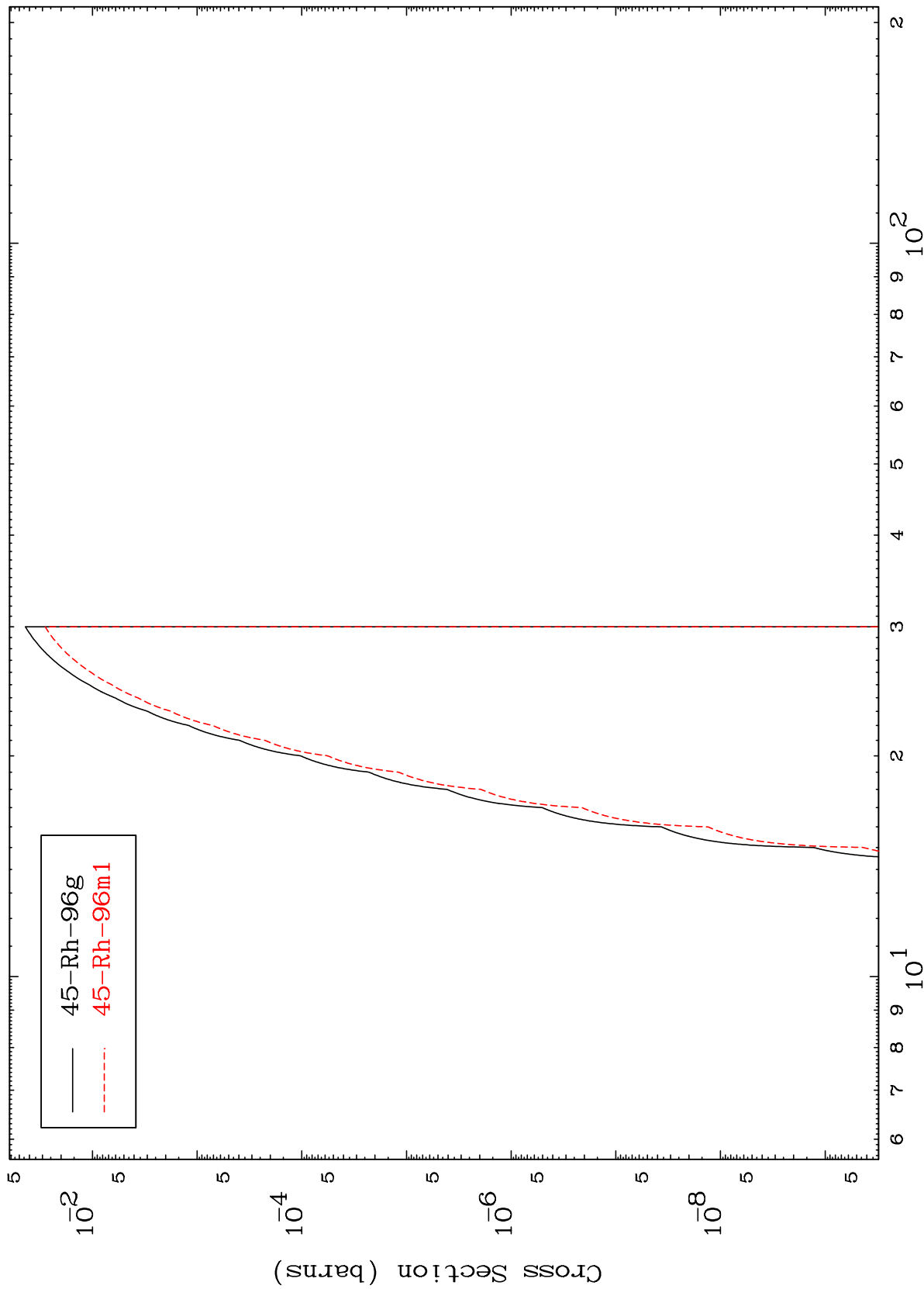
48-Cd-101

MAT 4810

(n,n') p α

48-Cd-101

Radionuclide Production Cross Section



— 45-Rh-96g
- - - 45-Rh-96m1

68

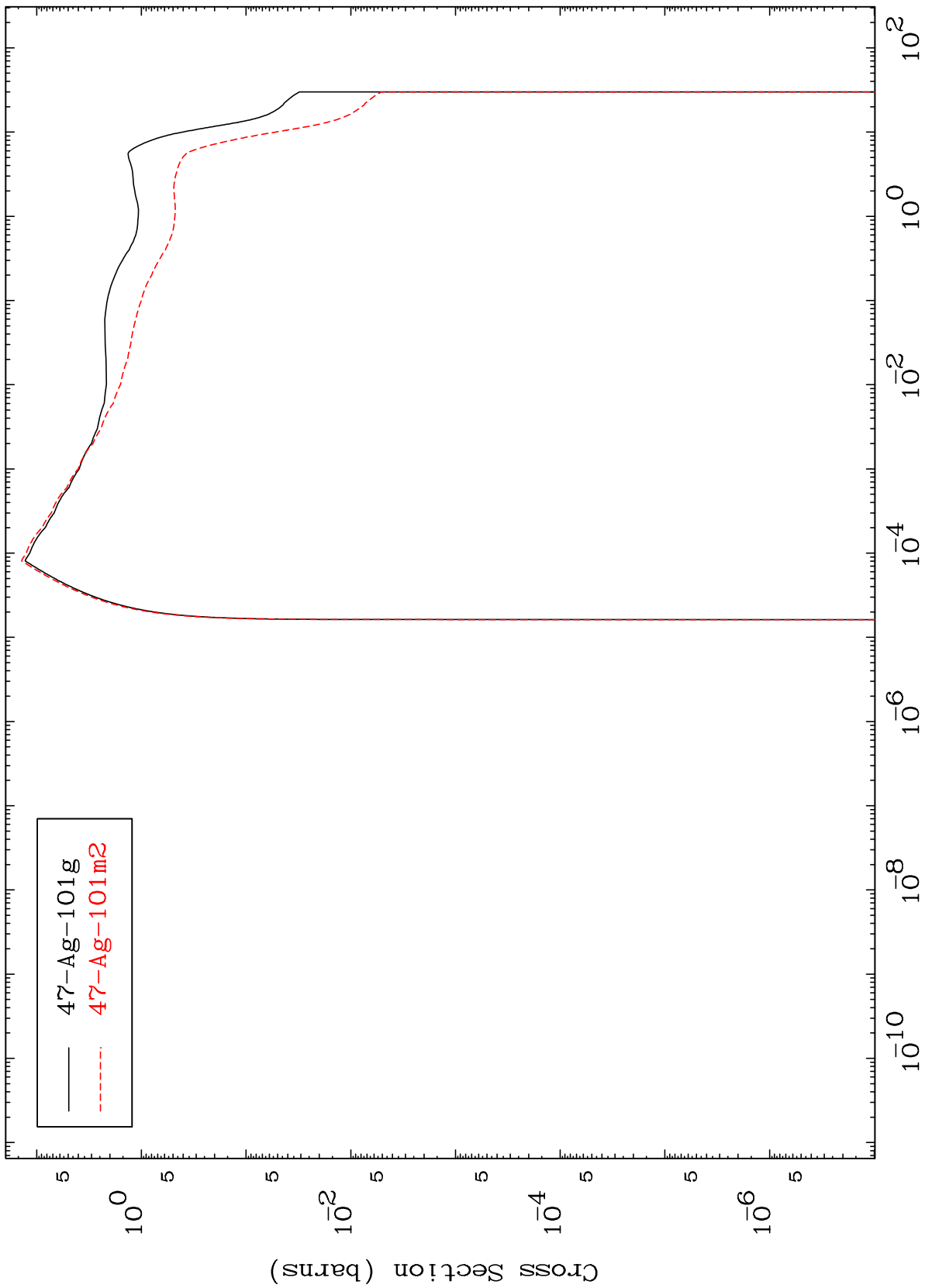
Incident Energy (MeV)

48-Cd-101

MAT 4810

48-Cd-101

(n,p)
Radionuclide Production Cross Section

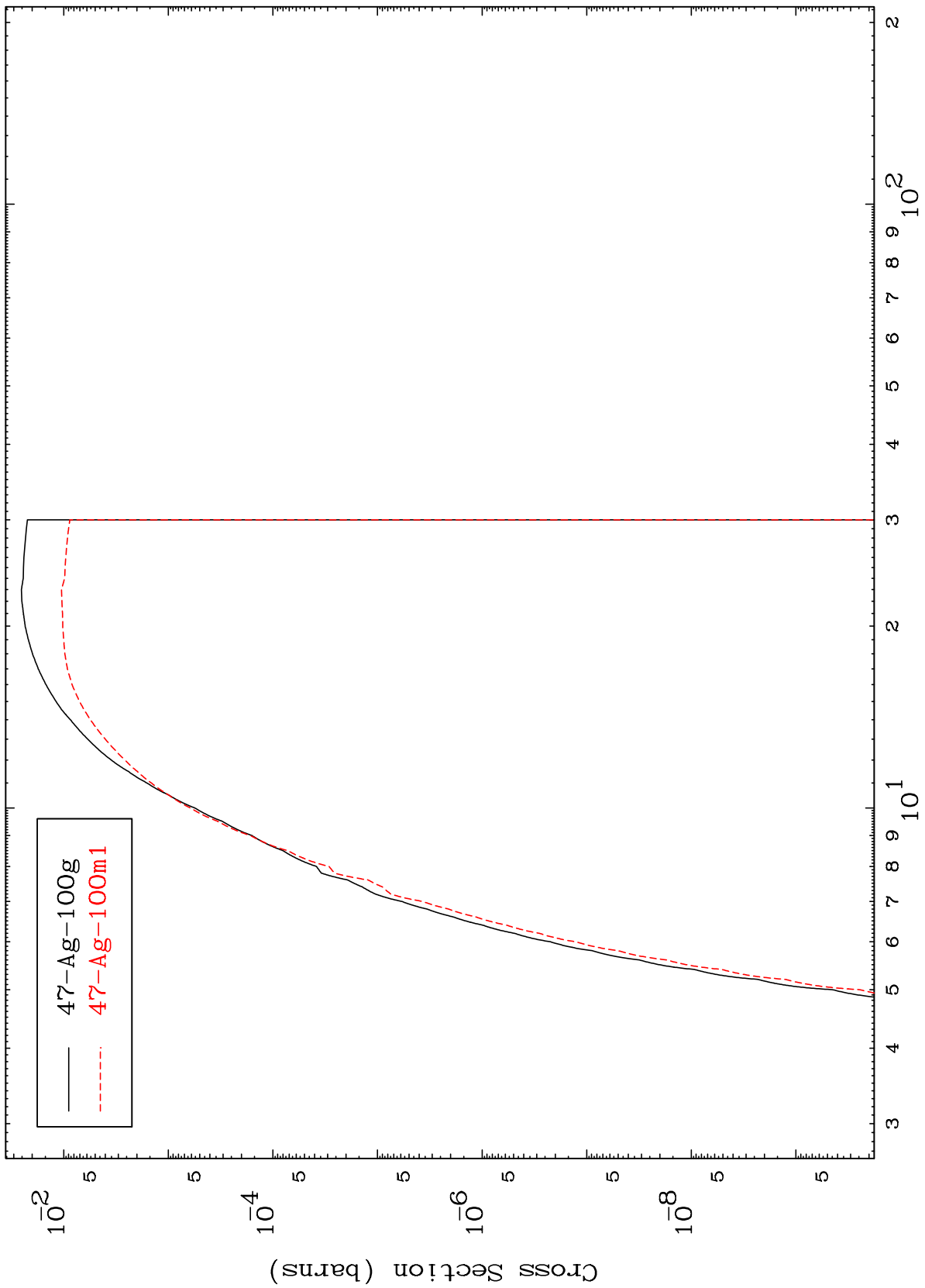


— 47-Ag-101g
- - - 47-Ag-101m2

MAT 4810

48-Cd-101

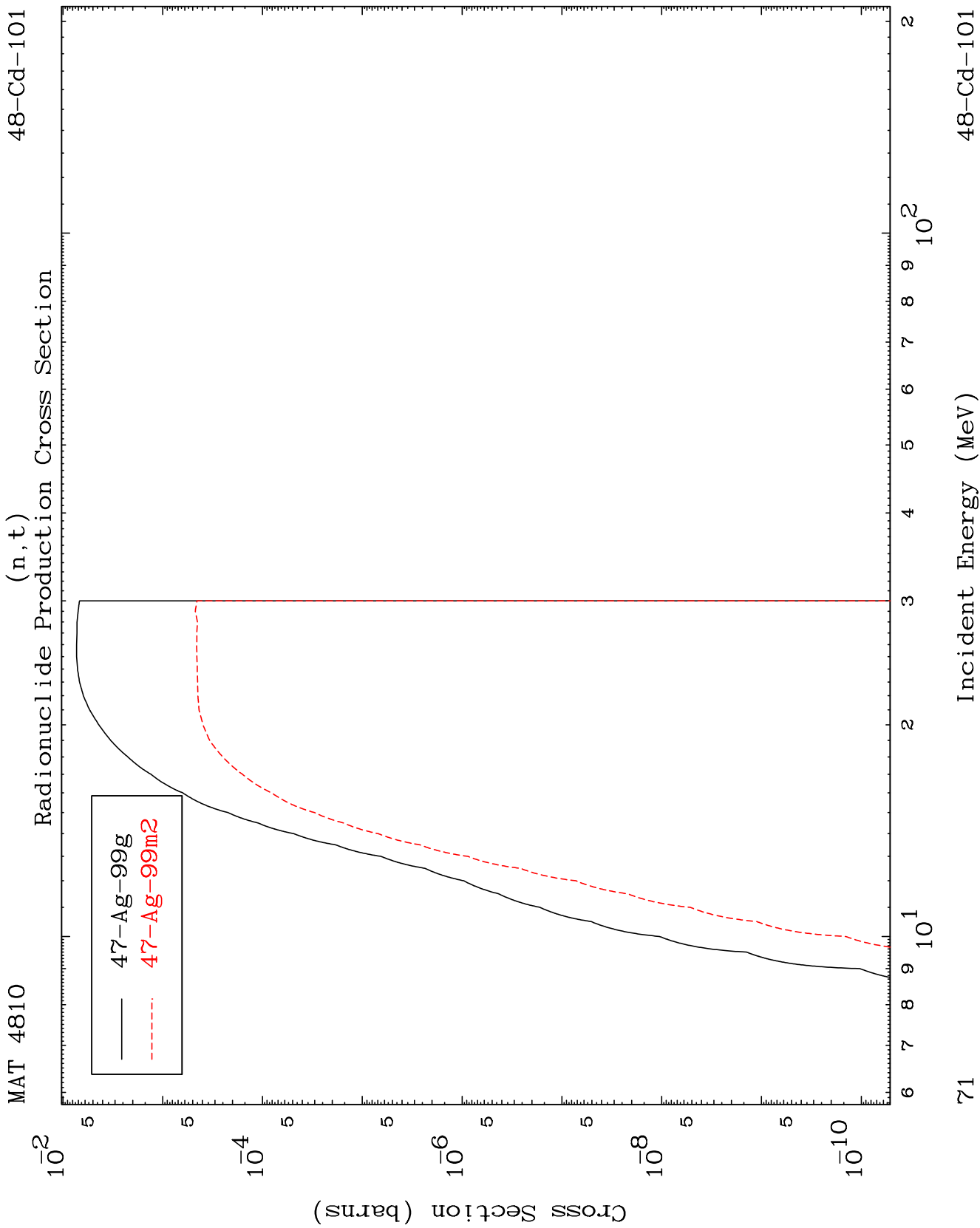
(n,d)
Radionuclide Production Cross Section



70

Incident Energy (MeV)

48-Cd-101

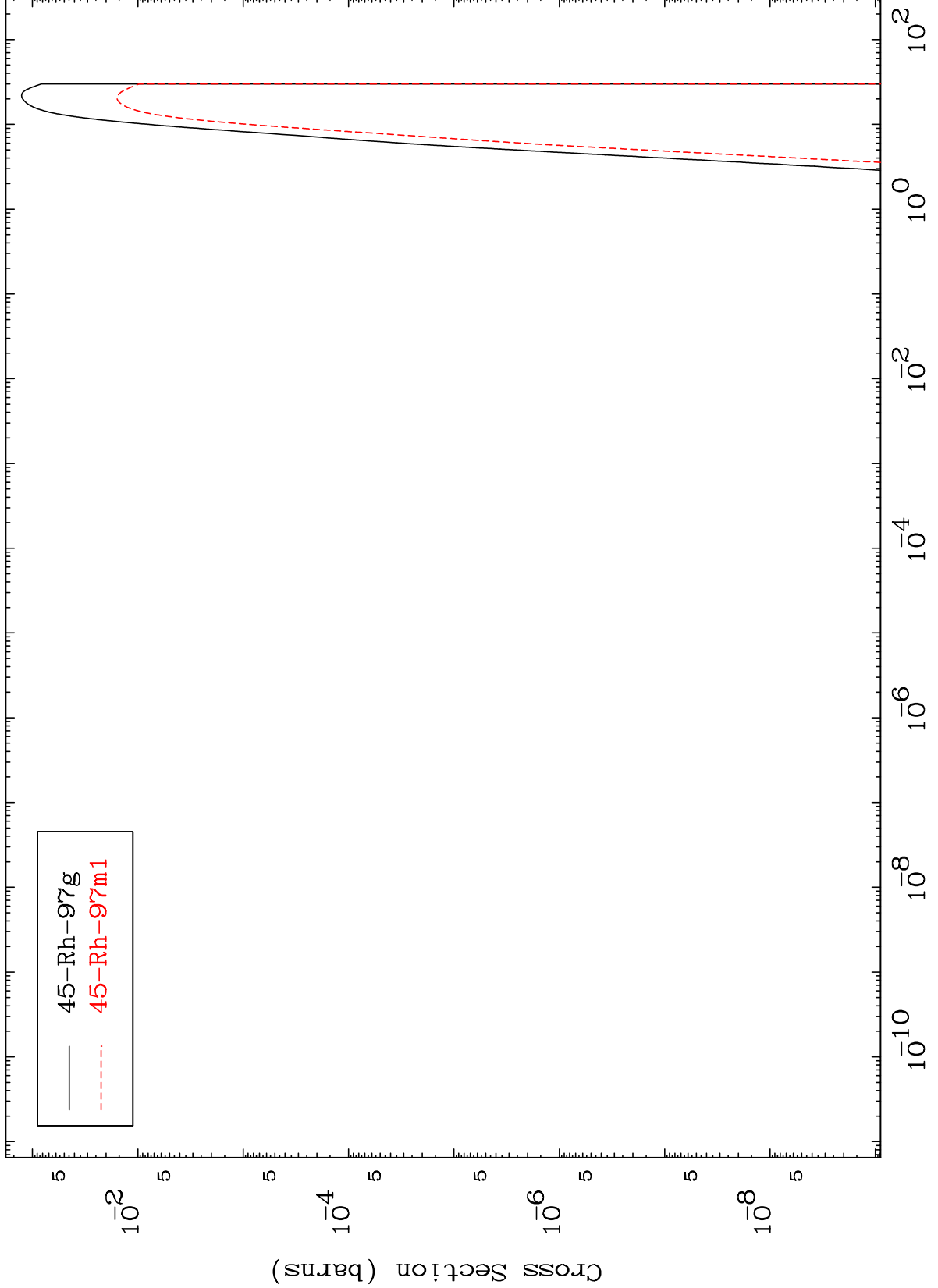


MAT 4810

(n,p) α

48-Cd-101

Radionuclide Production Cross Section



72

Incident Energy (MeV)

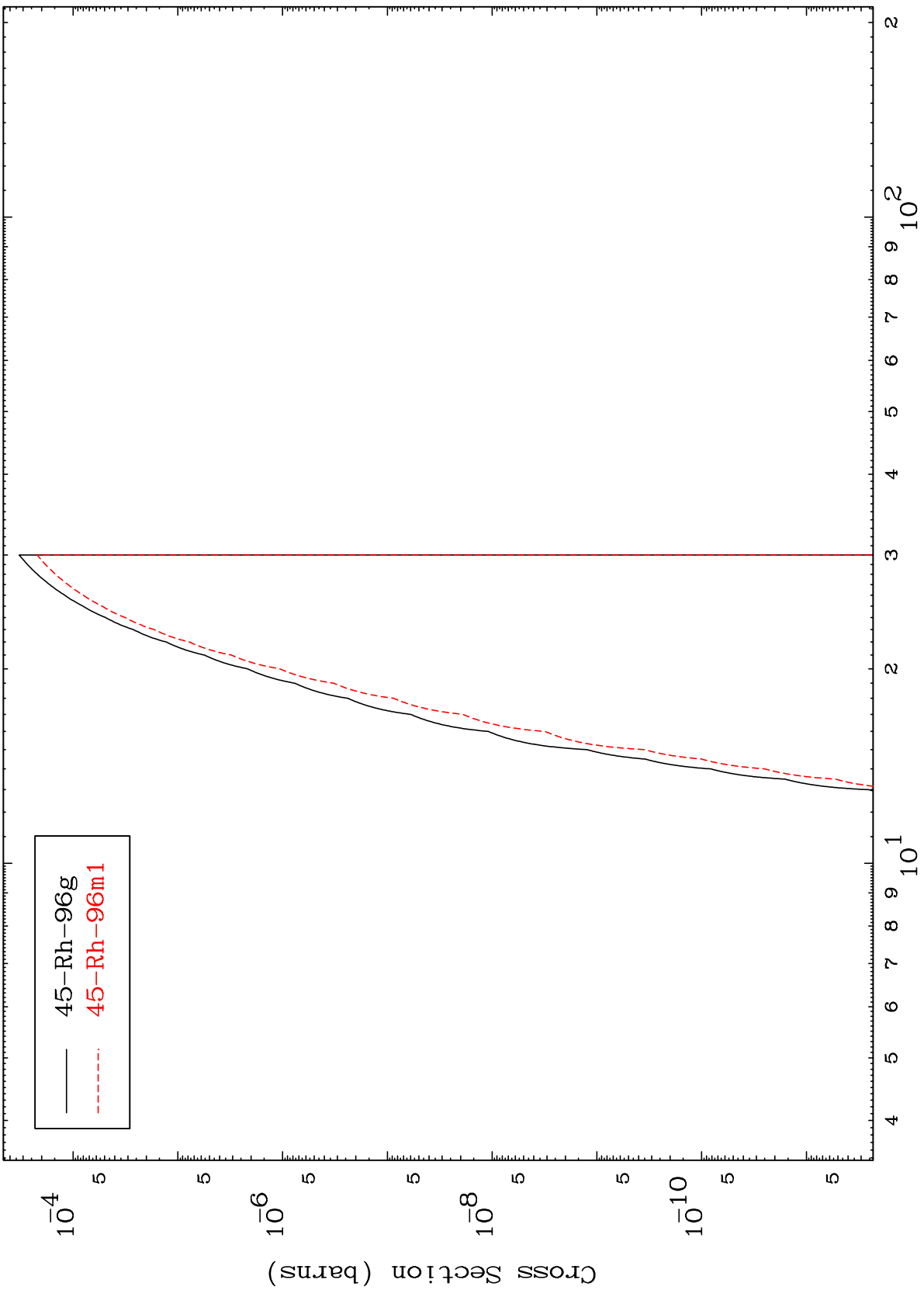
48-Cd-101

MAT 4810

(n,d) α

48-Cd-101

Radionuclide Production Cross Section



— 45-Rh-96g
- - - 45-Rh-96m1

73

Incident Energy (MeV)

48-Cd-101