

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

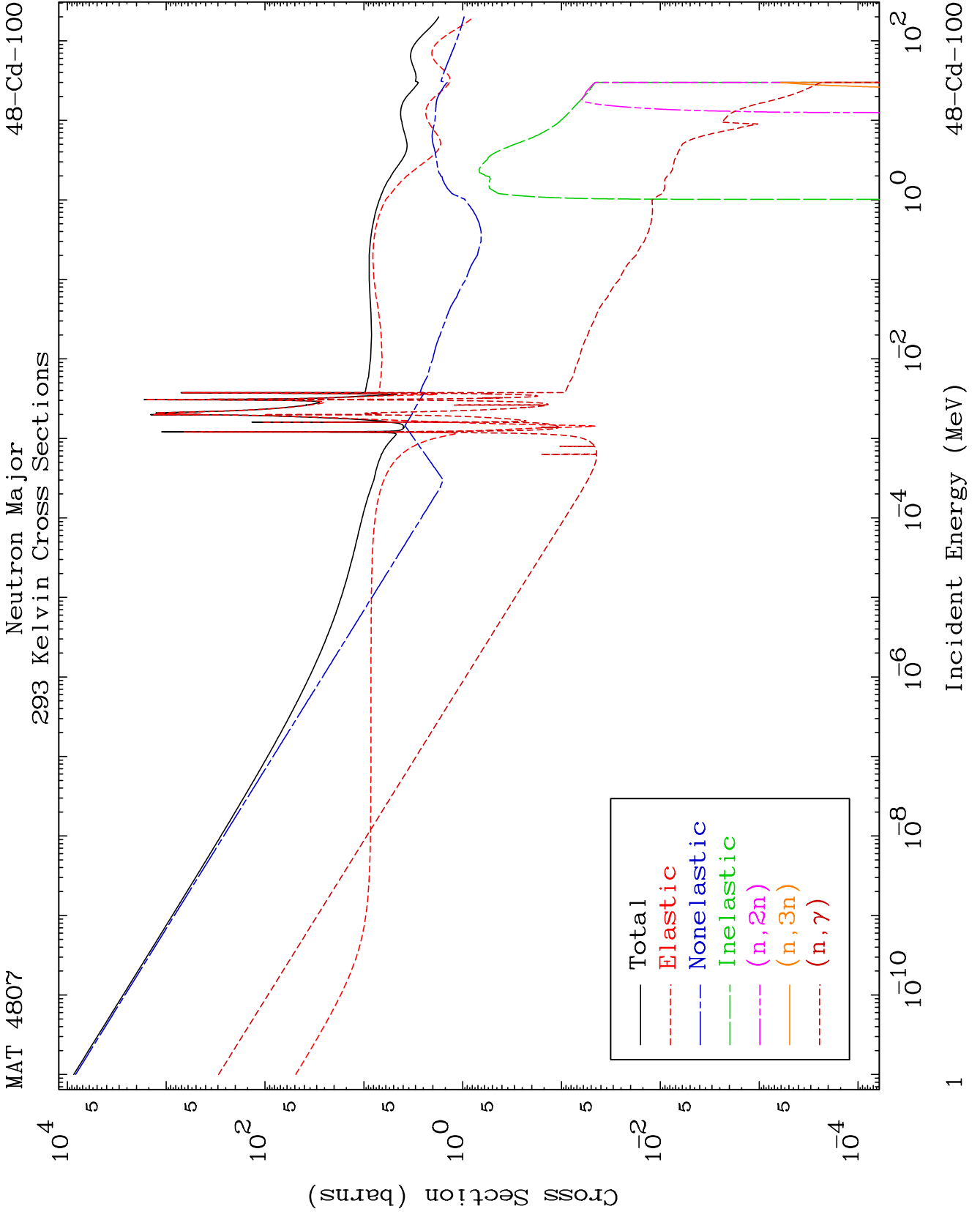
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Web:redcullen1.net/HOMEPAGE.NEW

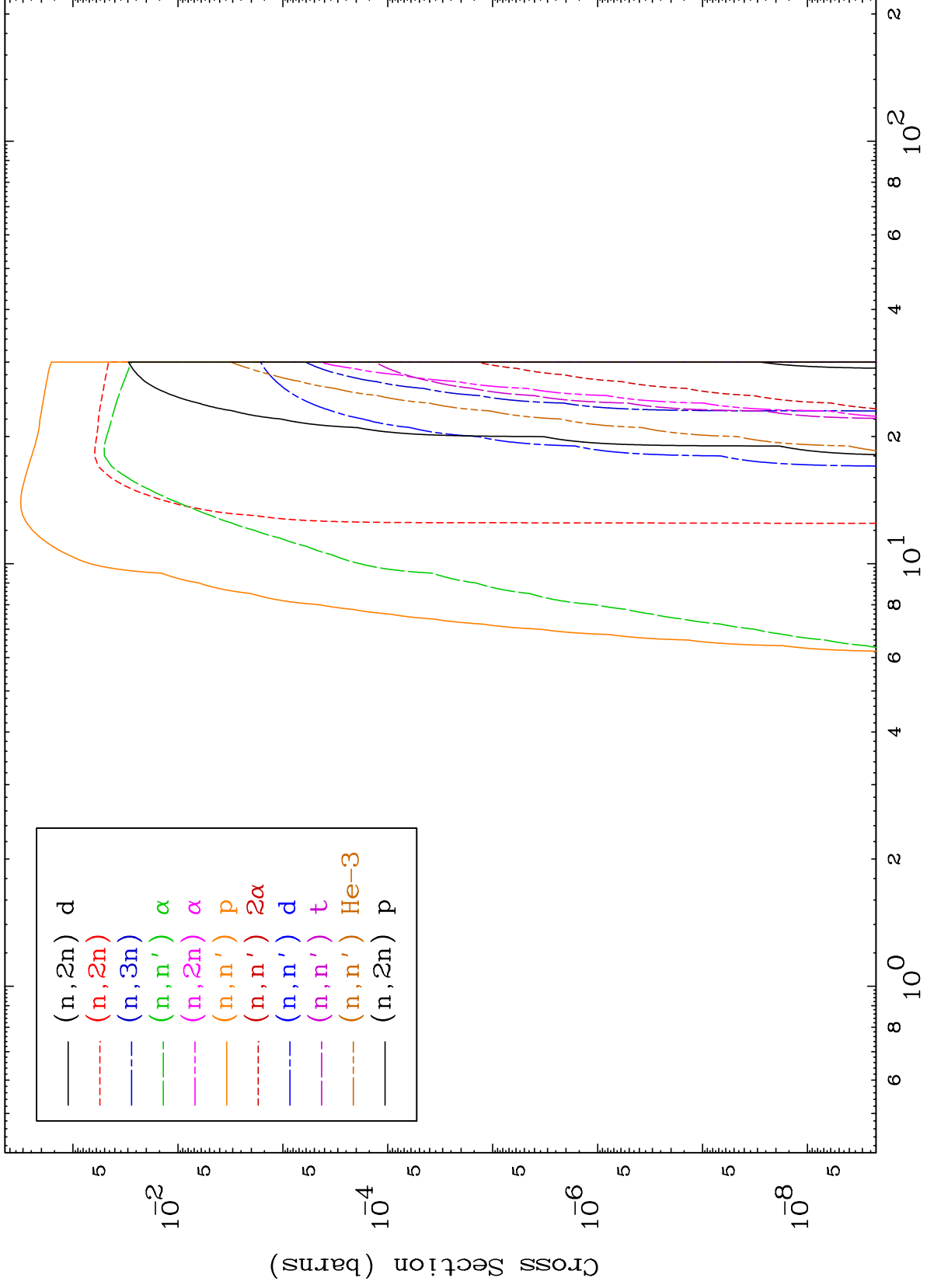
Press Mouse Button to Start

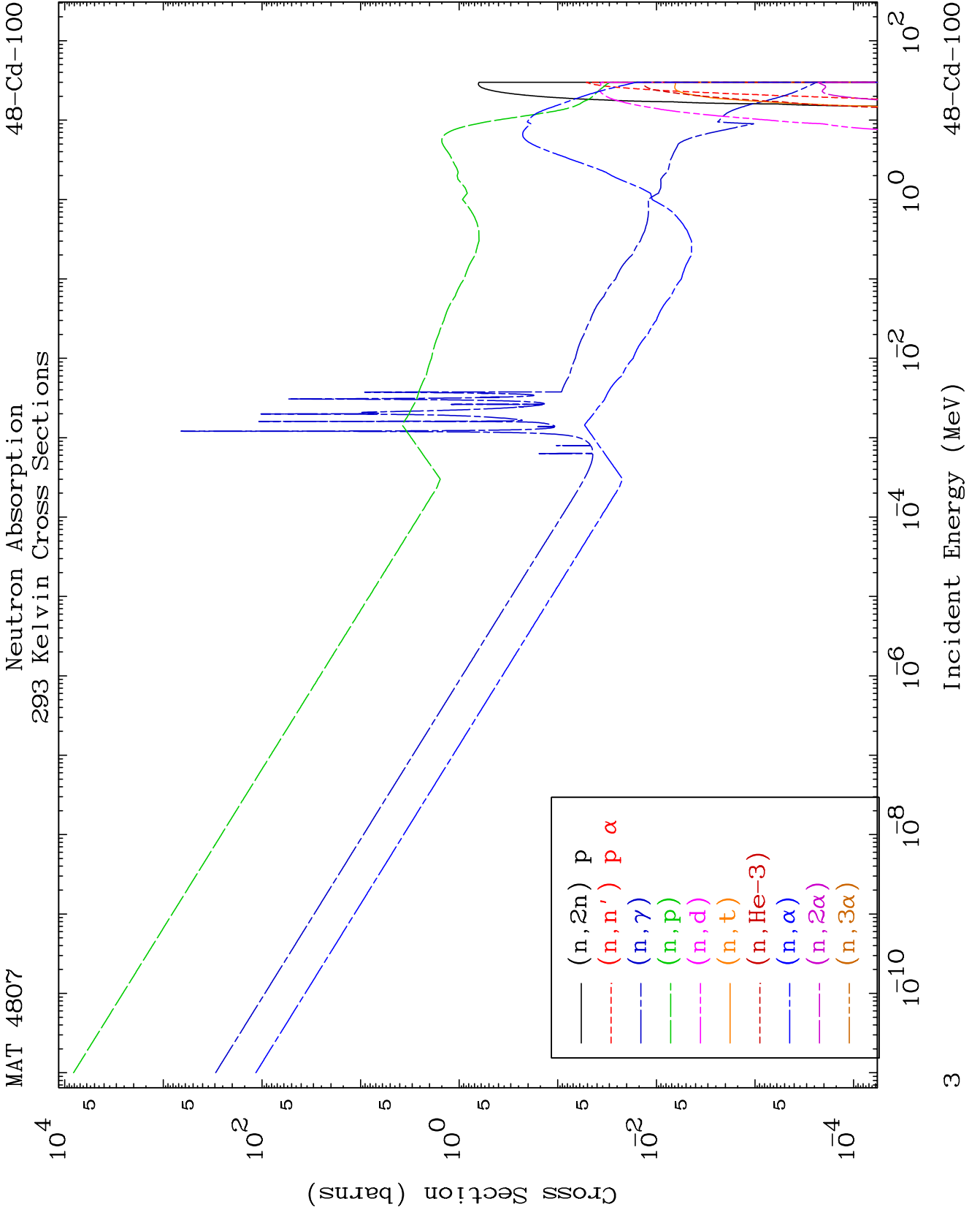


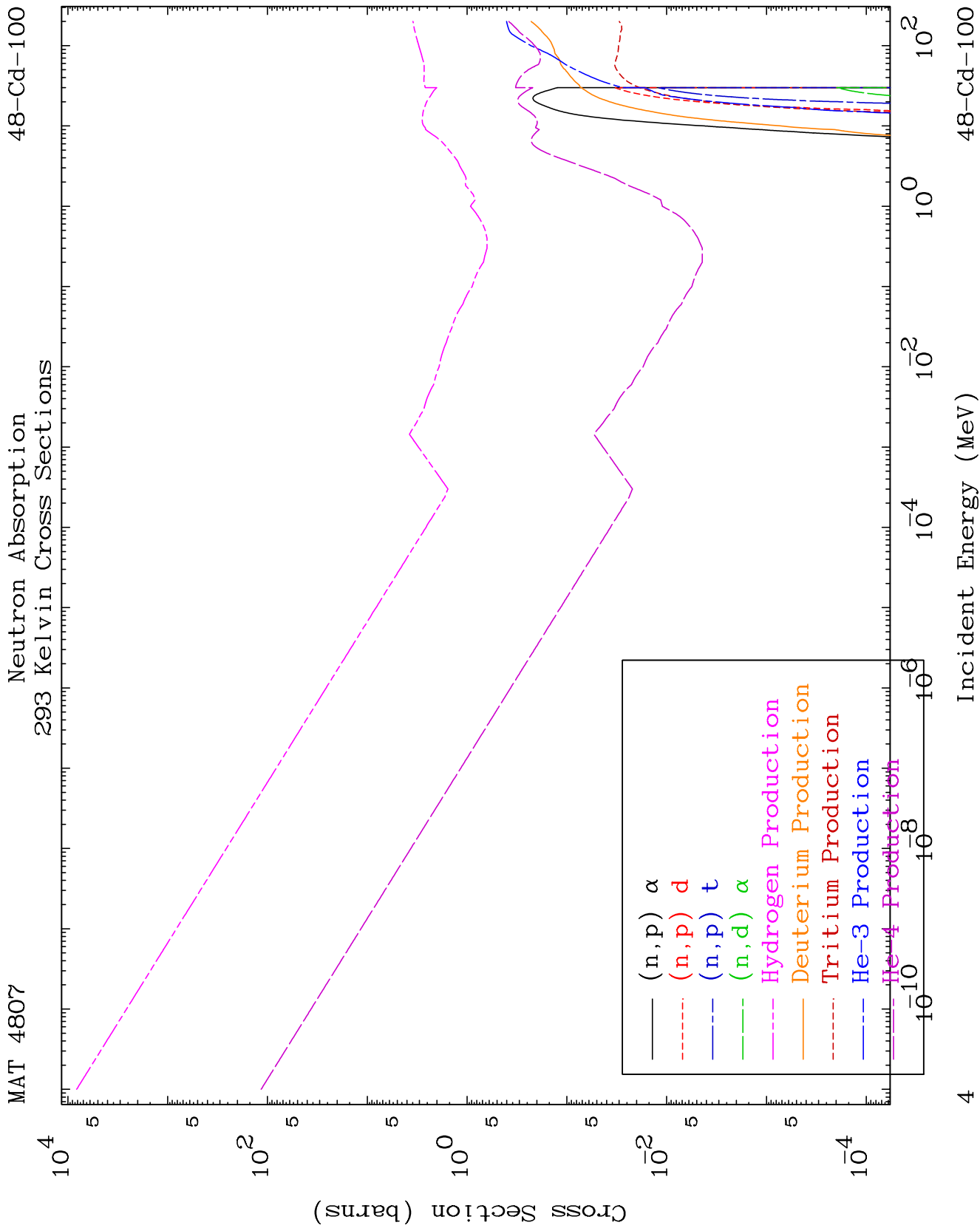
MAT 4807

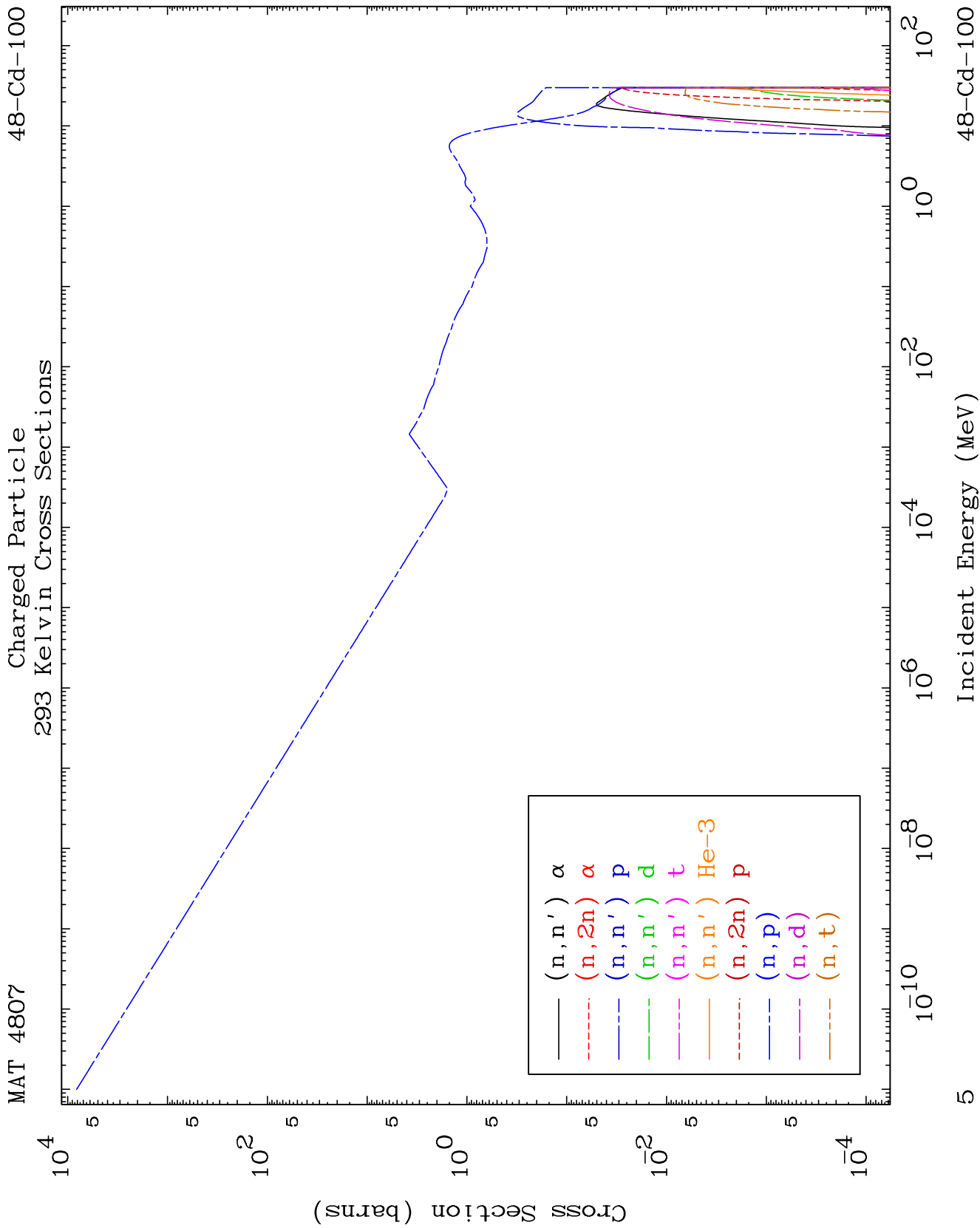
Neutron Absorption
293 Kelvin Cross Sections

48-Cd-100





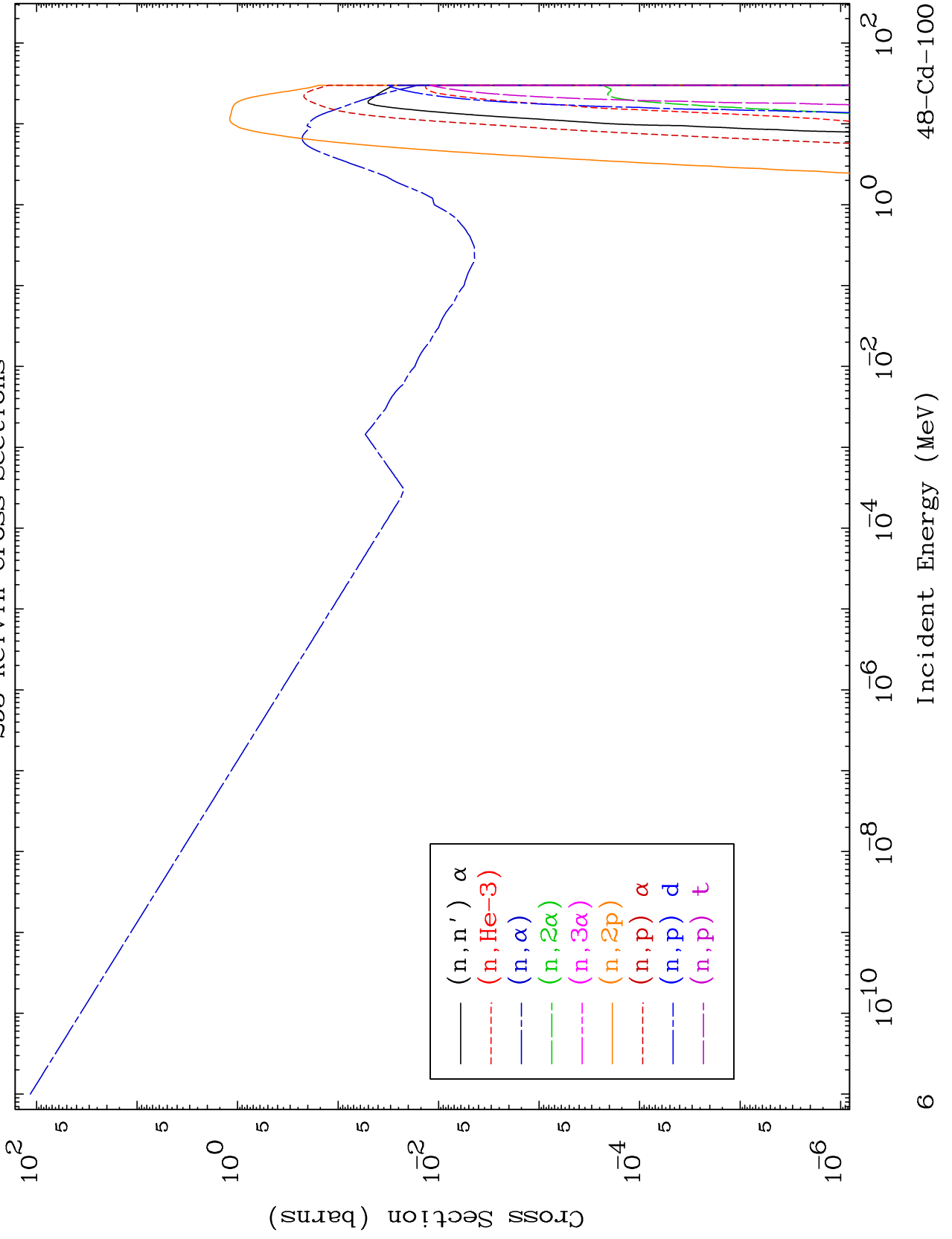


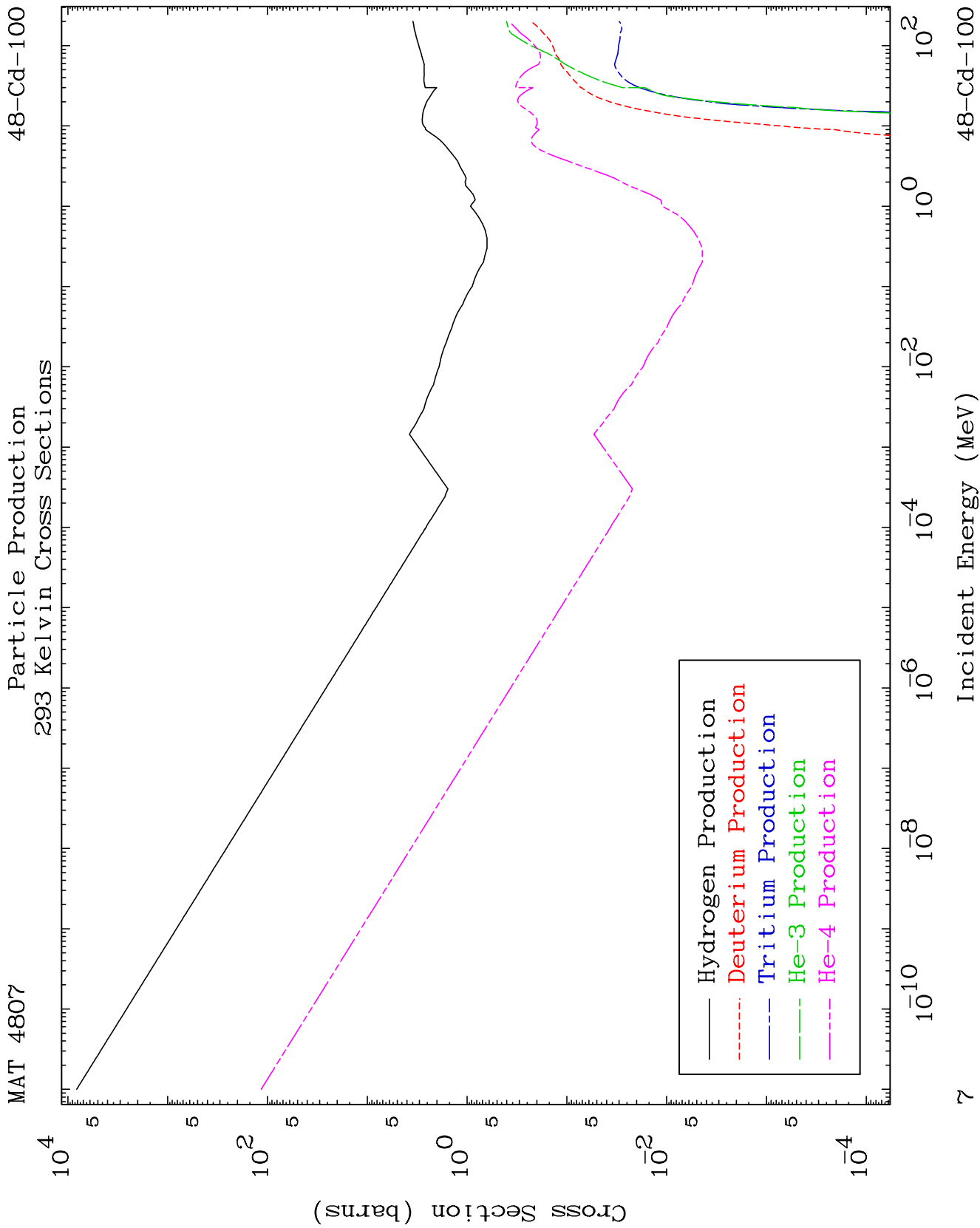


MAT 4807

Charged Particle
293 Kelvin Cross Sections

48-Cd-100



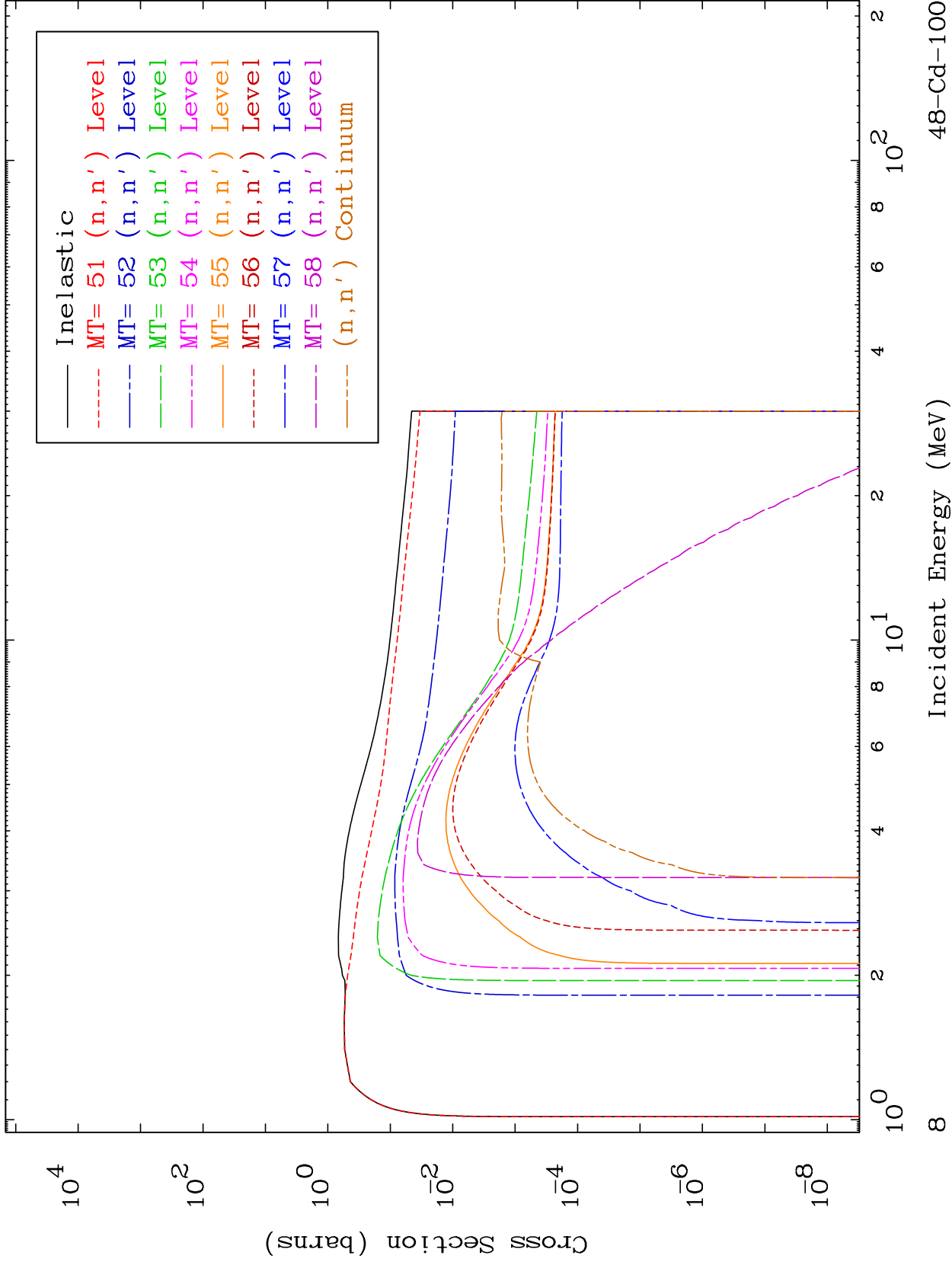


MAT 4807

(n,n') Levels

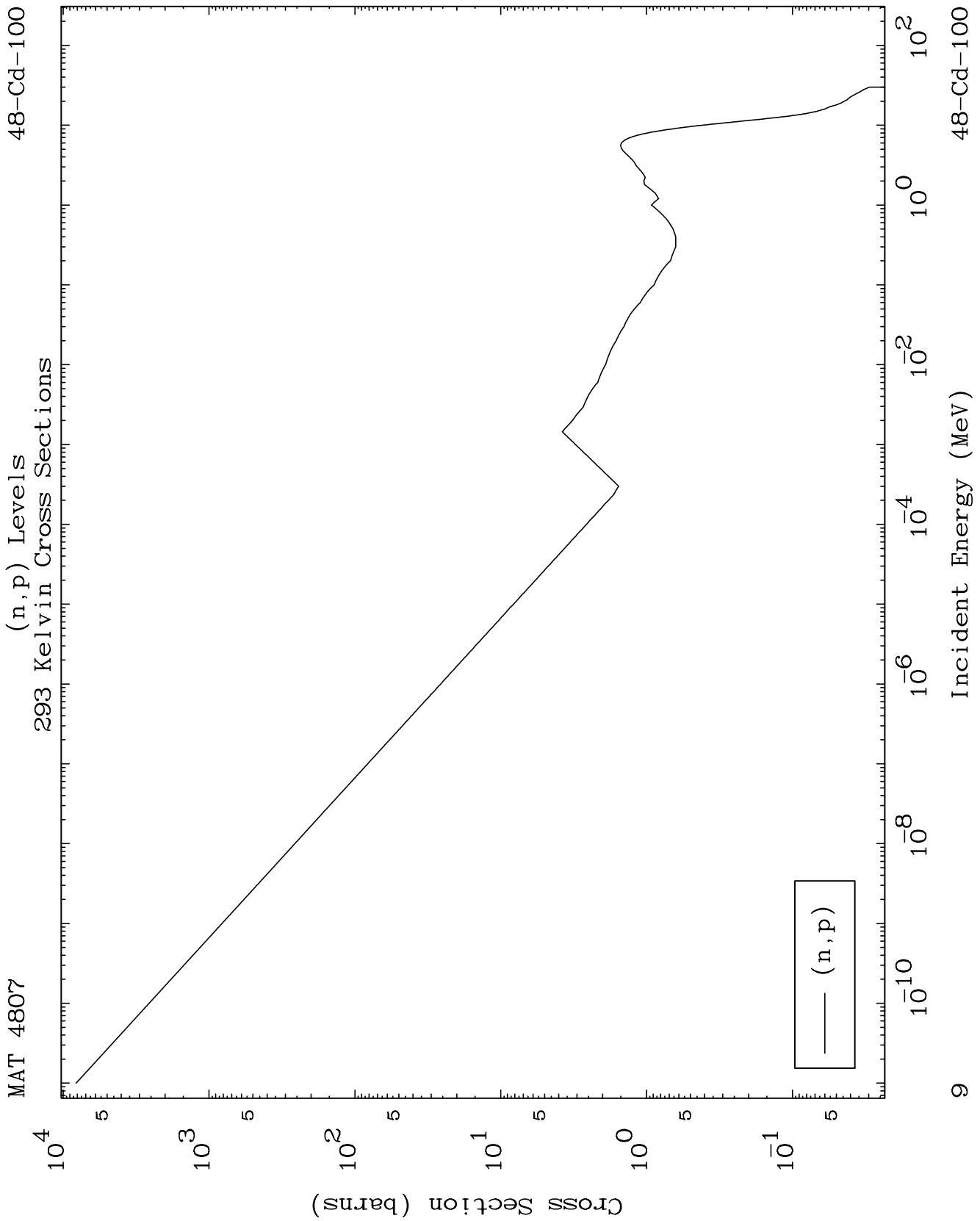
293 Kelvin Cross Sections

48-Cd-100



Incident Energy (MeV)

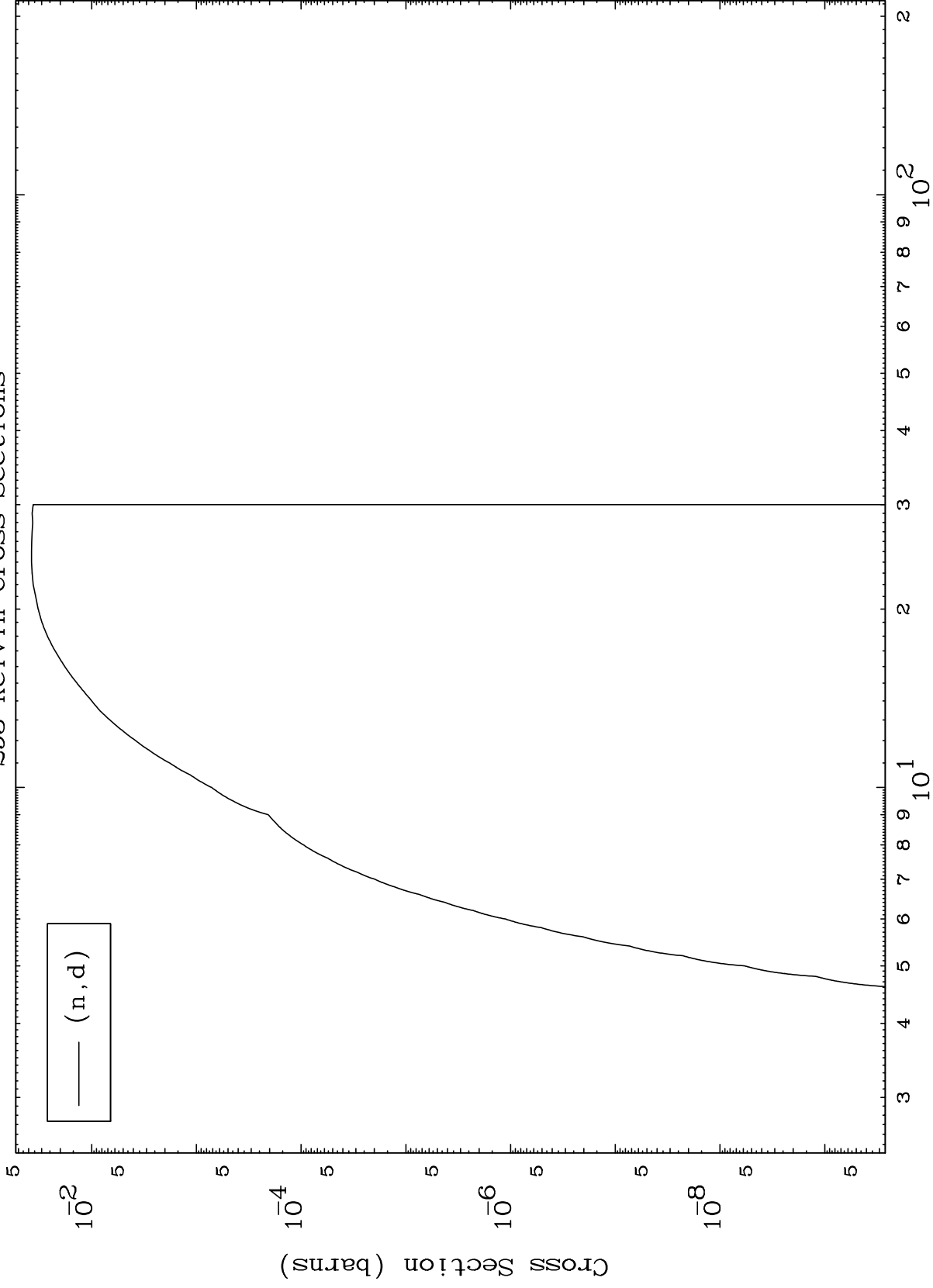
48-Cd-100



MAT 4807

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-100



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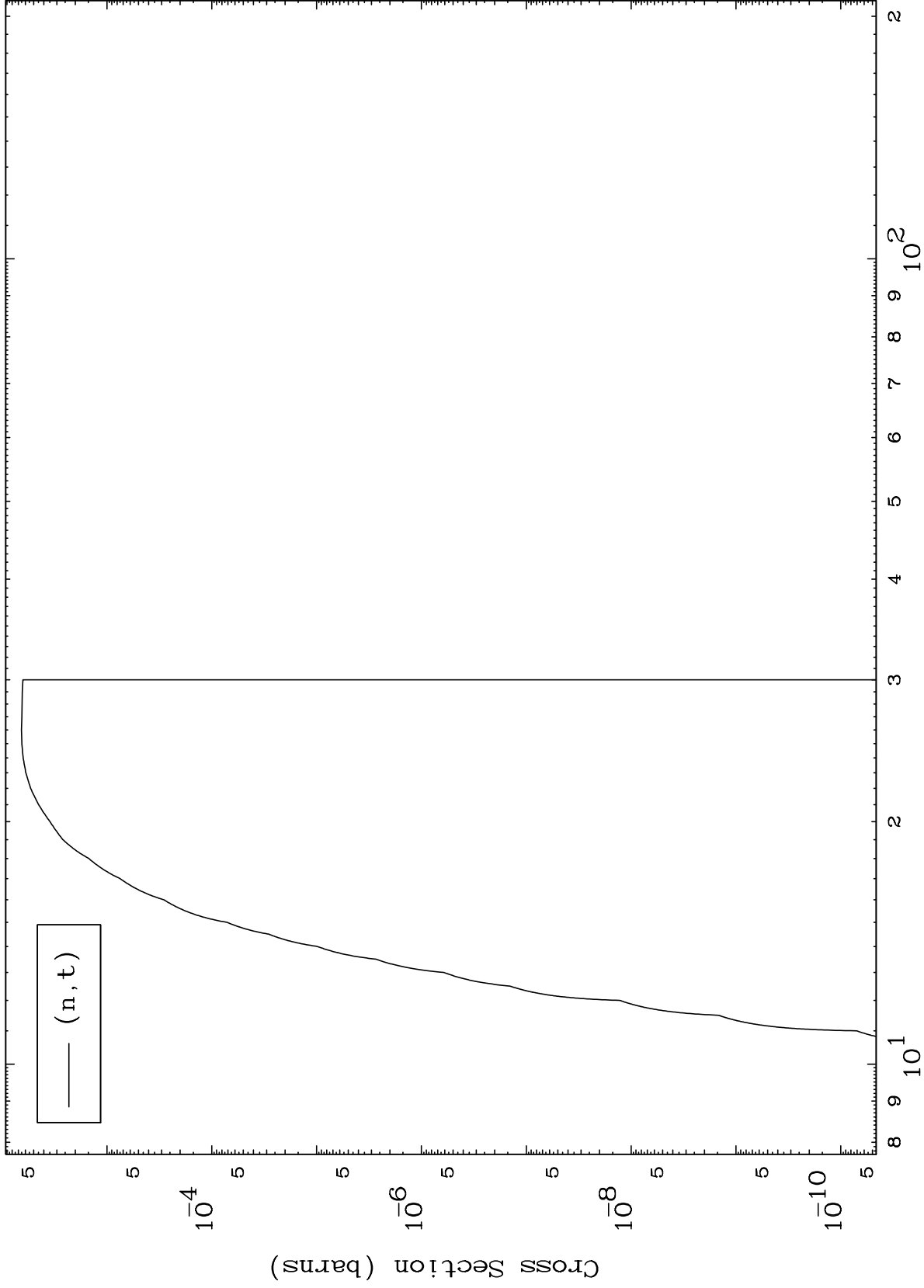
Incident Energy (MeV)

48-Cd-100

MAT 4807

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-100



11

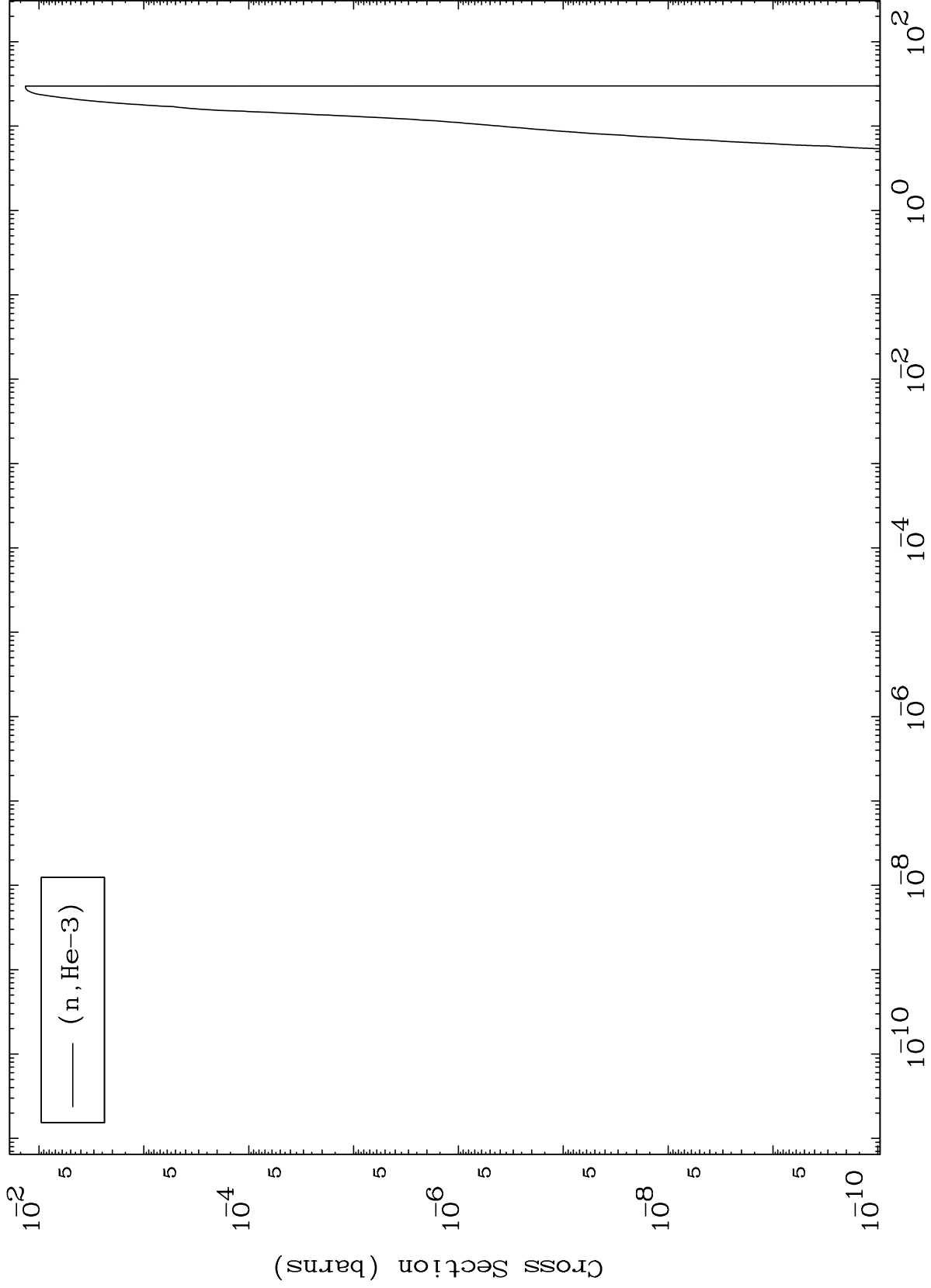
Incident Energy (MeV)

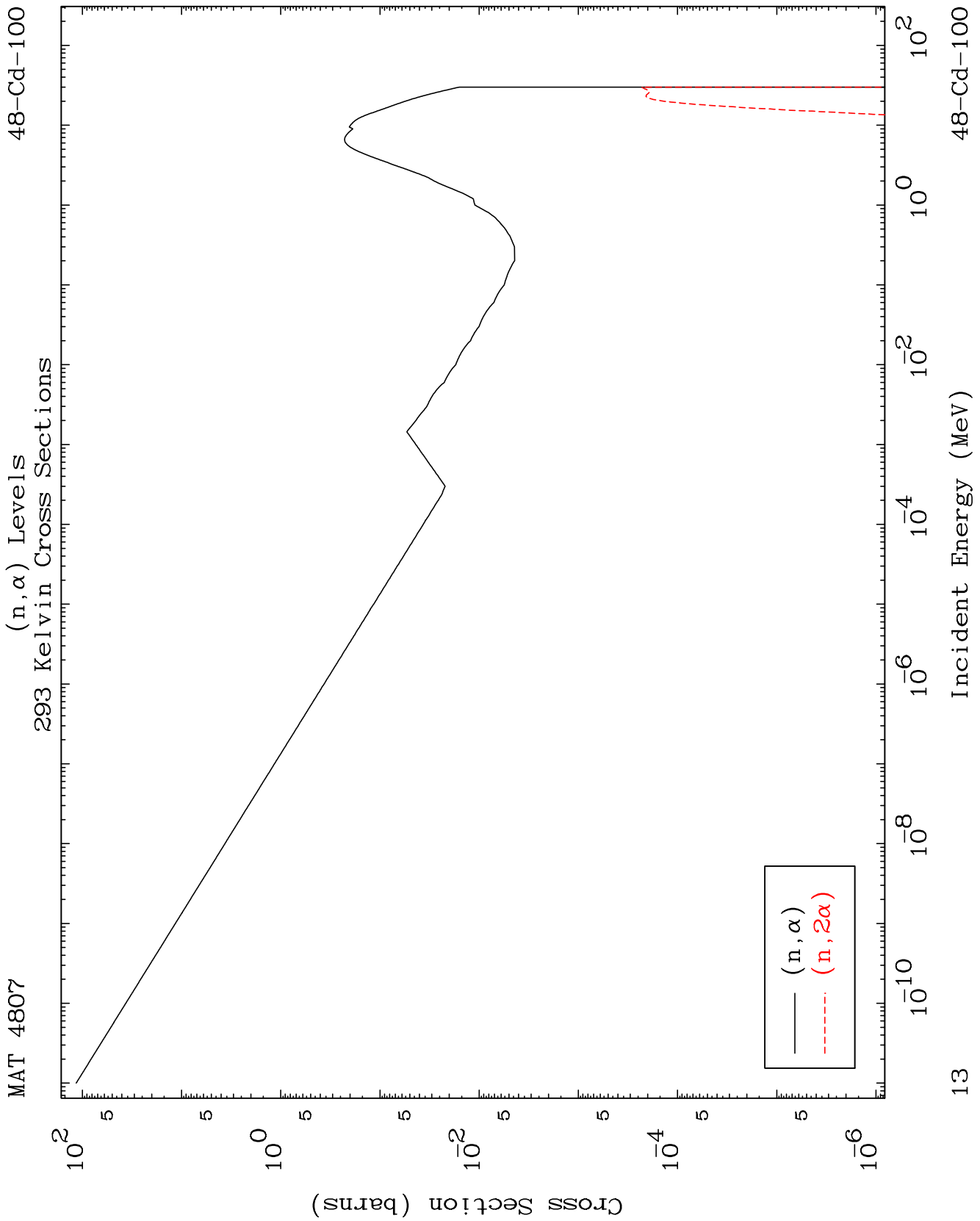
48-Cd-100

MAT 4807

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-100

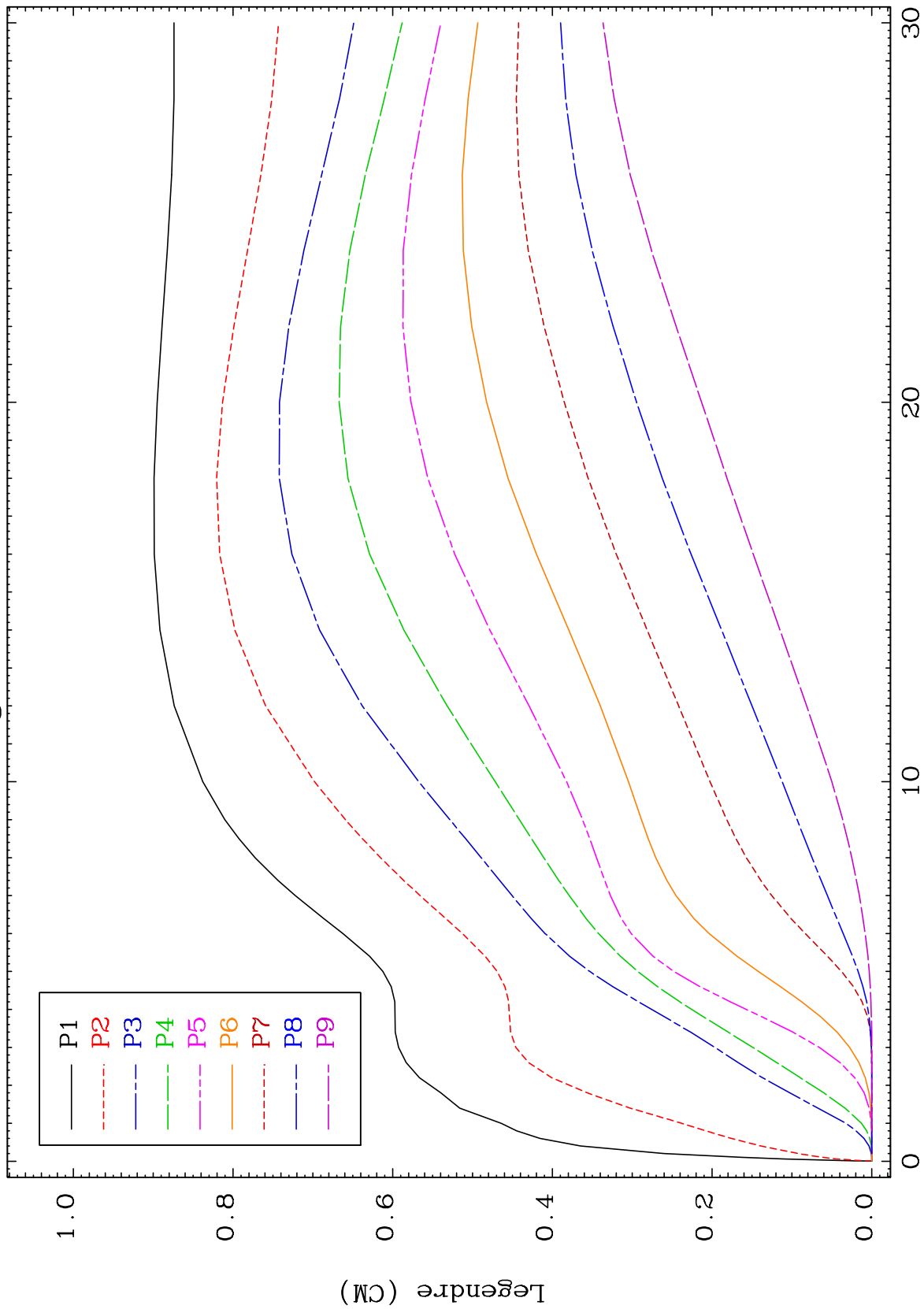




MAT 4807

Elastic Legendre Coefficients

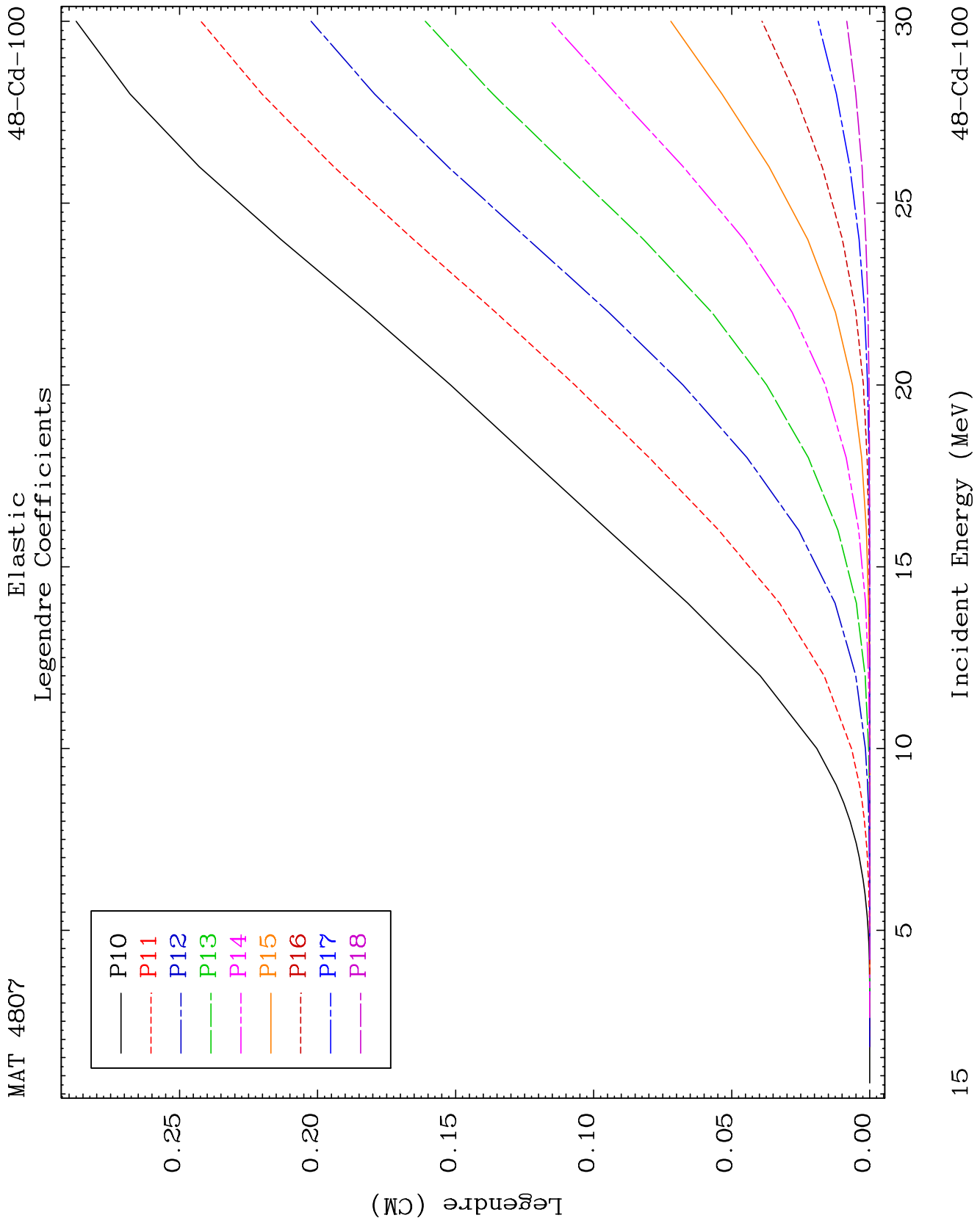
48-Cd-100



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Incident Energy (MeV)

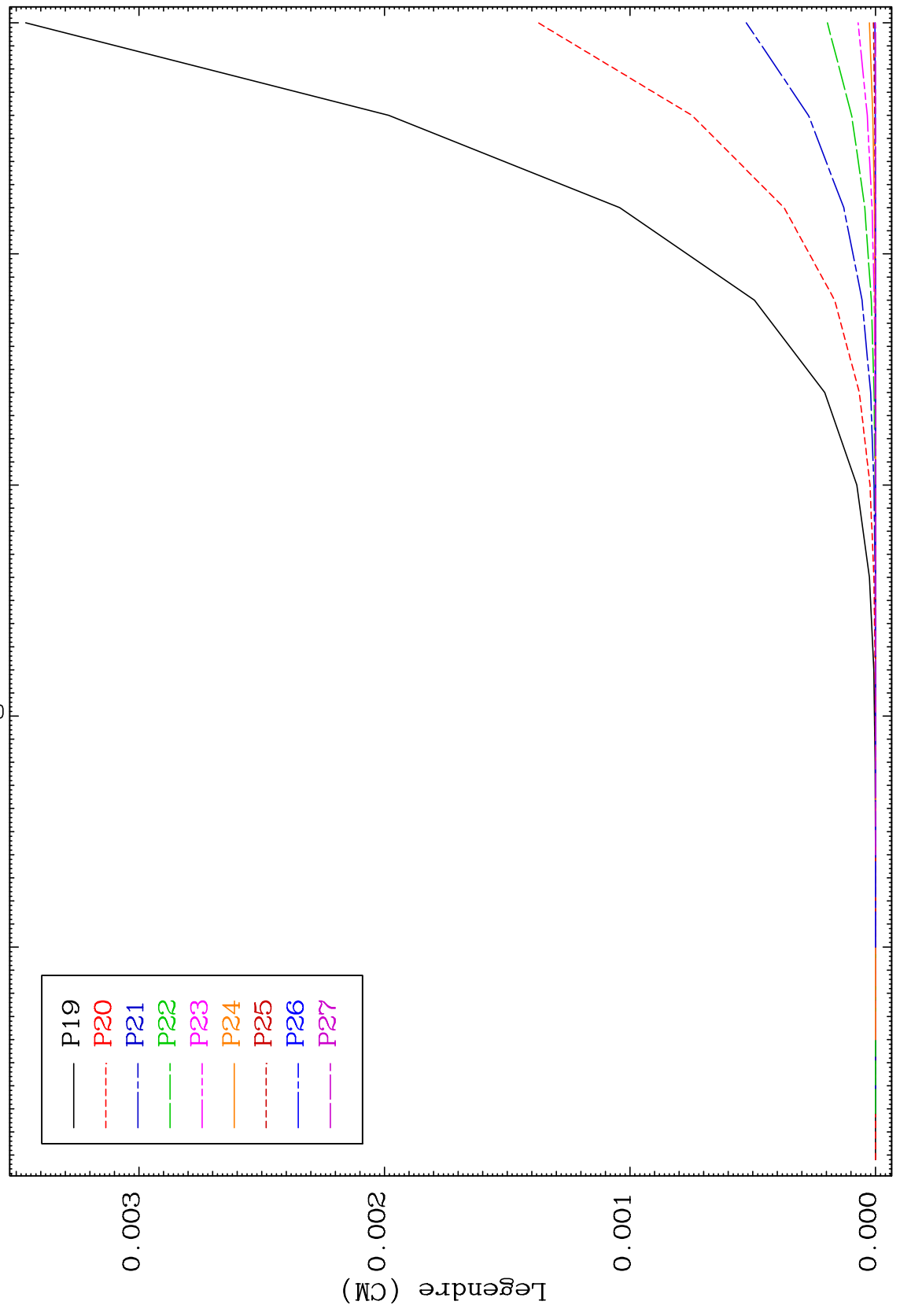
48-Cd-100



MAT 4807

Elastic
Legendre Coefficients

48-Cd-100



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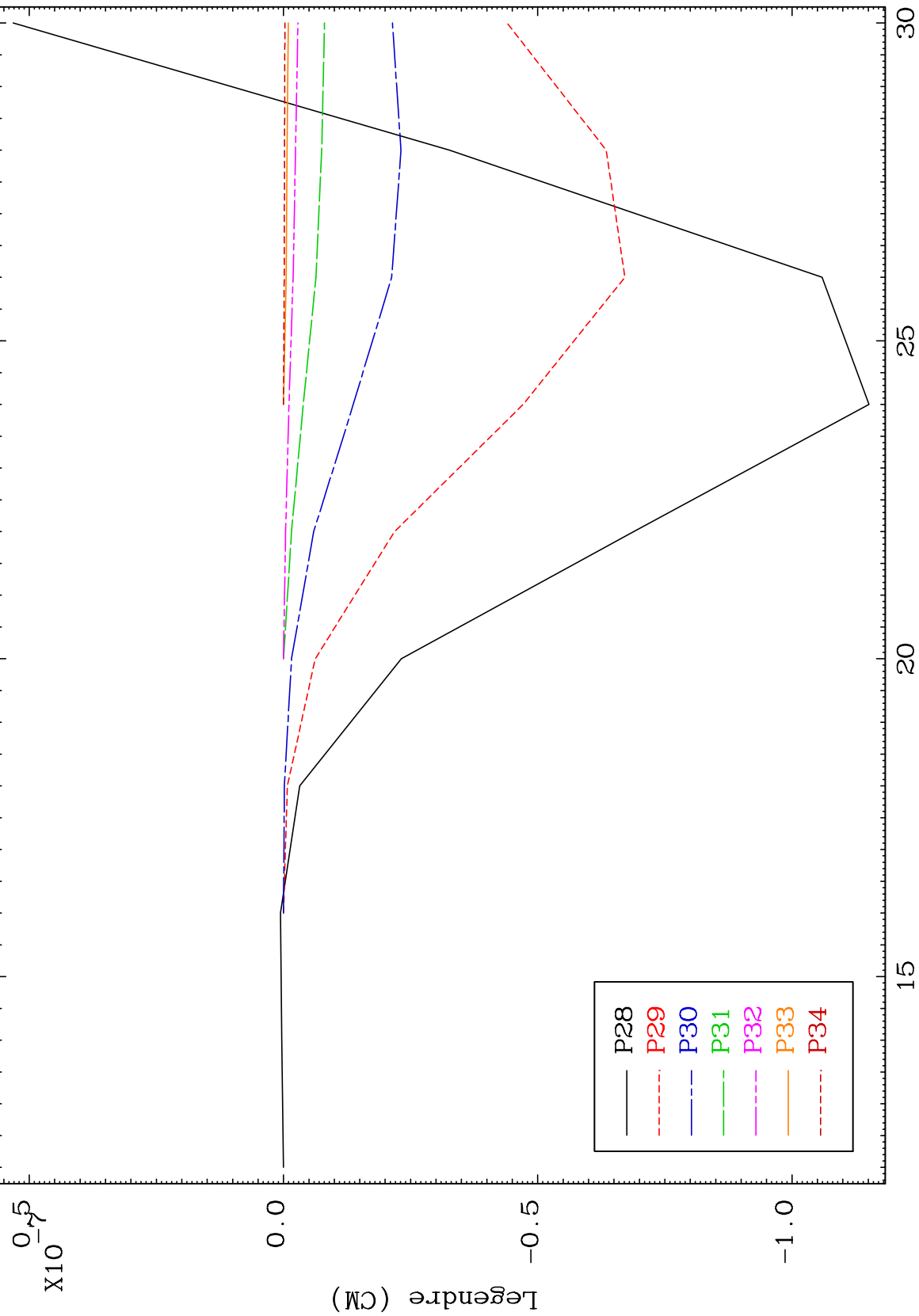
Incident Energy (MeV)

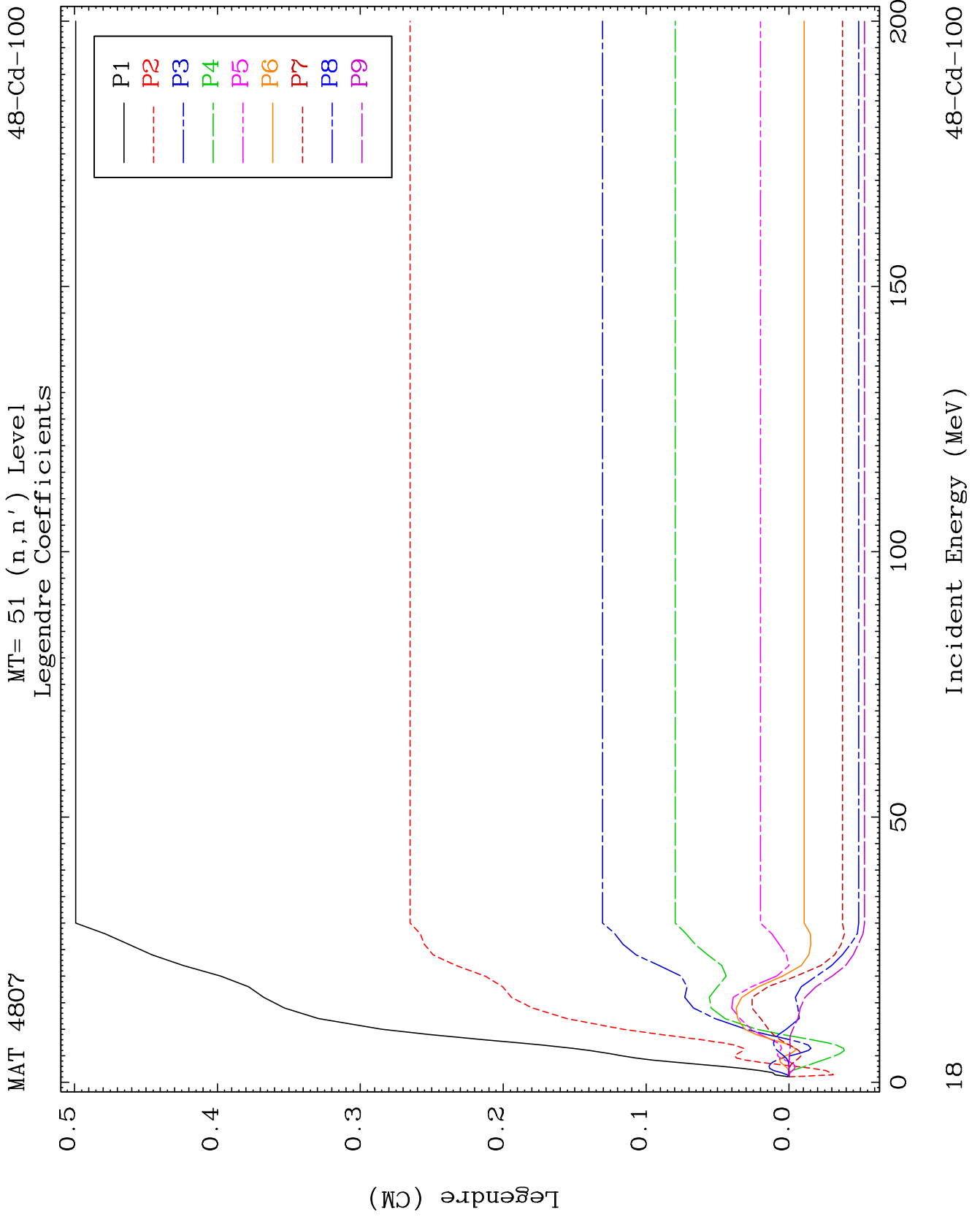
48-Cd-100

MAT 4807

Elastic Legendre Coefficients

48-Cd-100

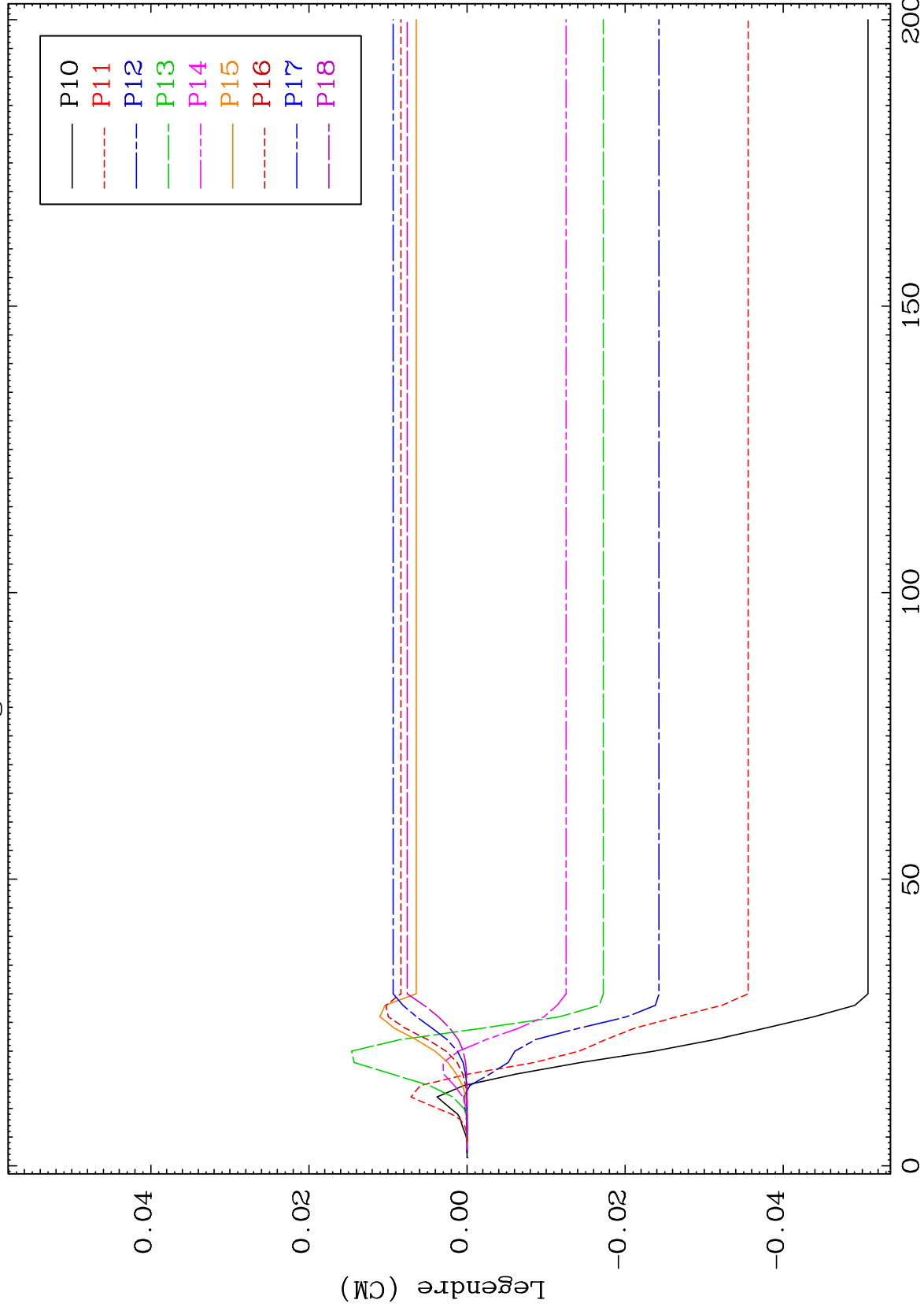




MAT 4807

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

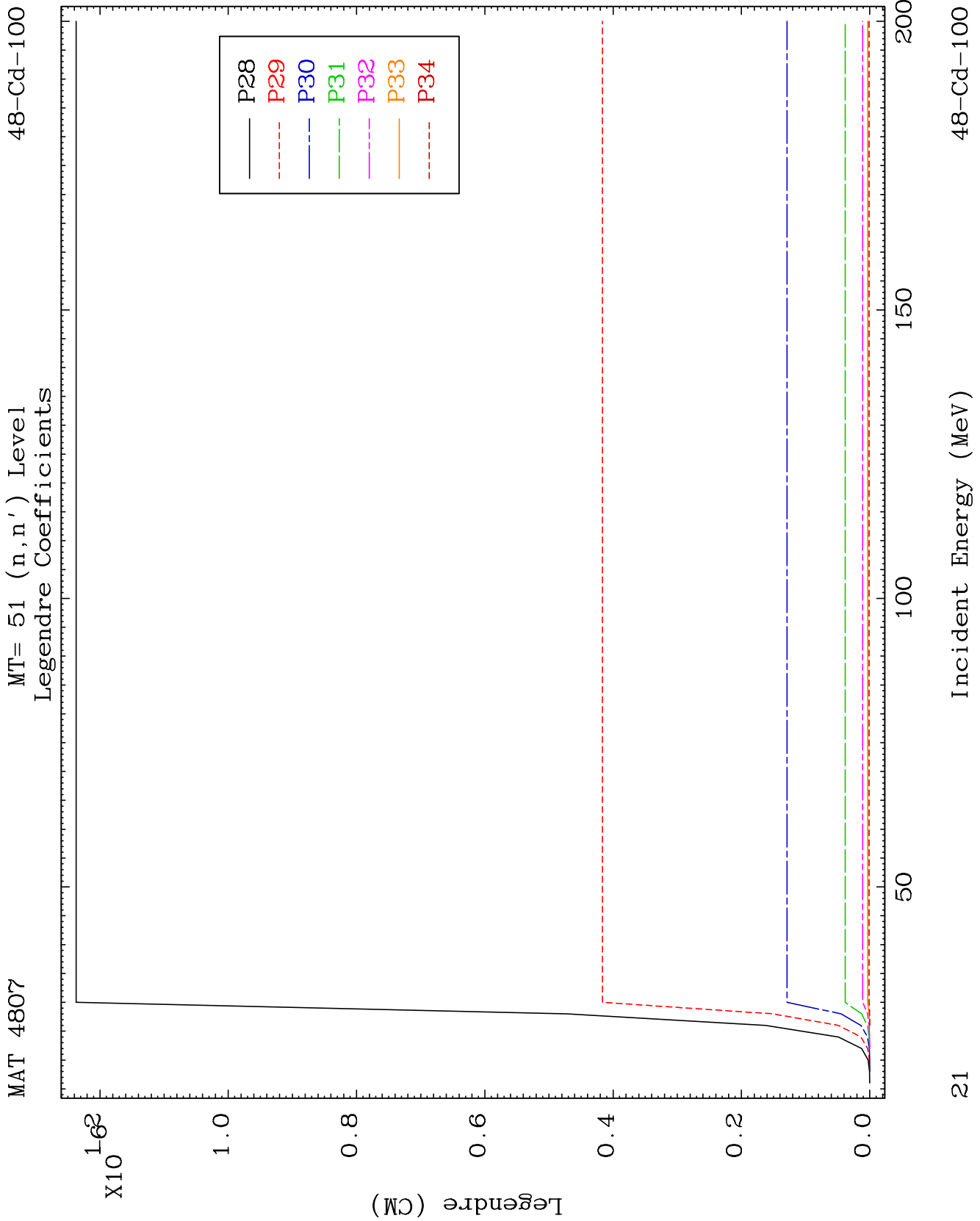
48-Cd-100



19

Incident Energy (MeV)

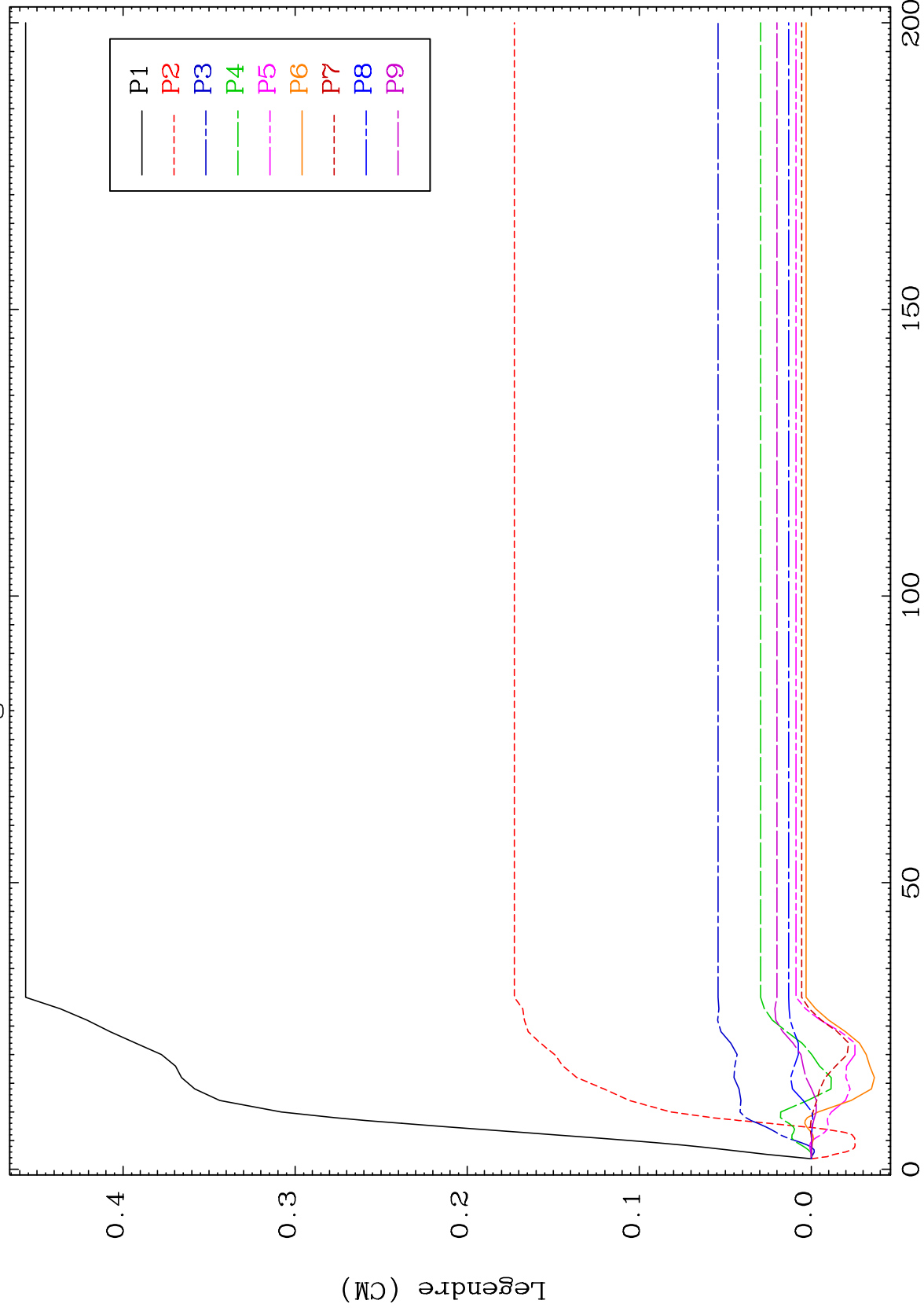
48-Cd-100



MAT 4807

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

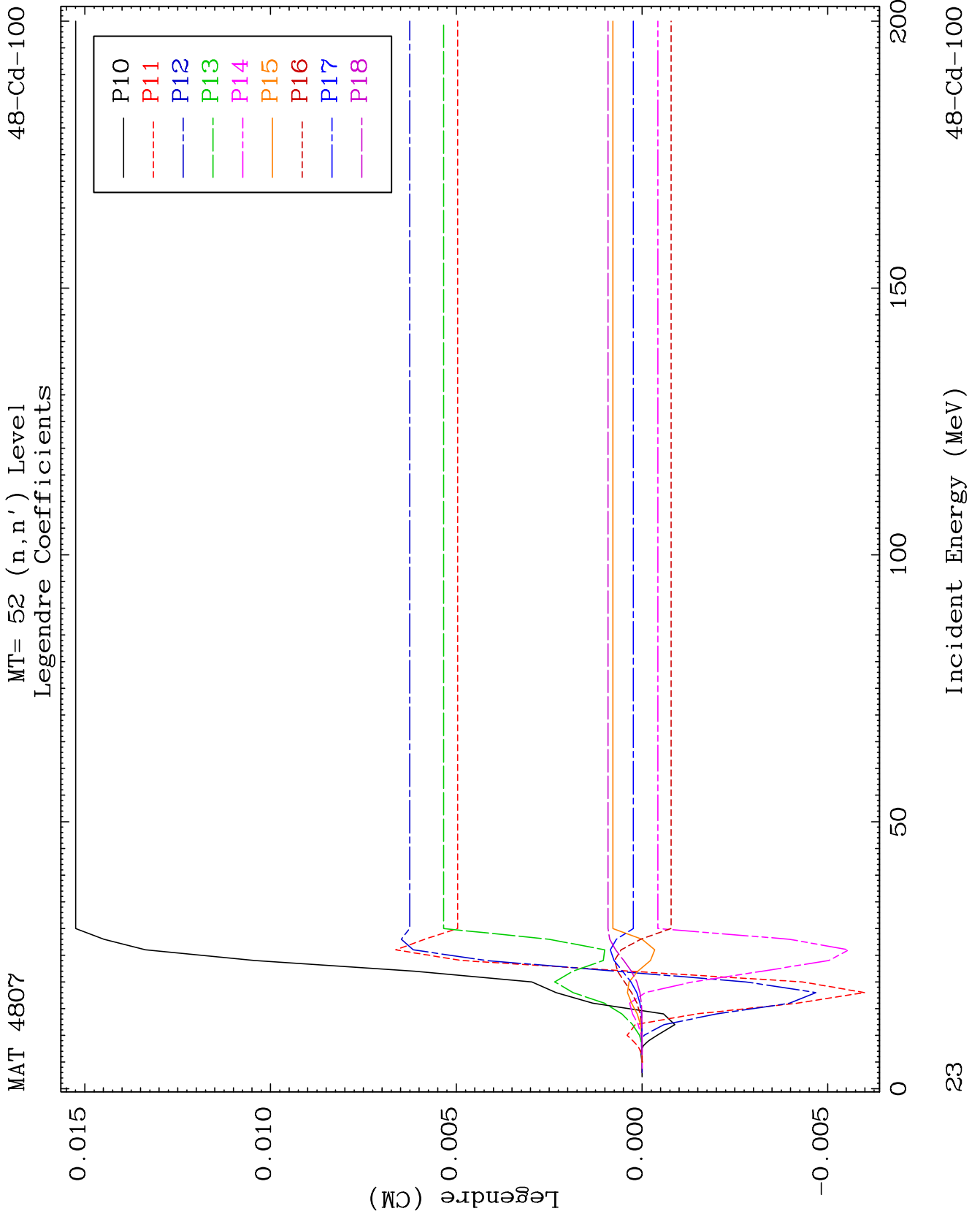
48-Cd-100



22

Incident Energy (MeV)

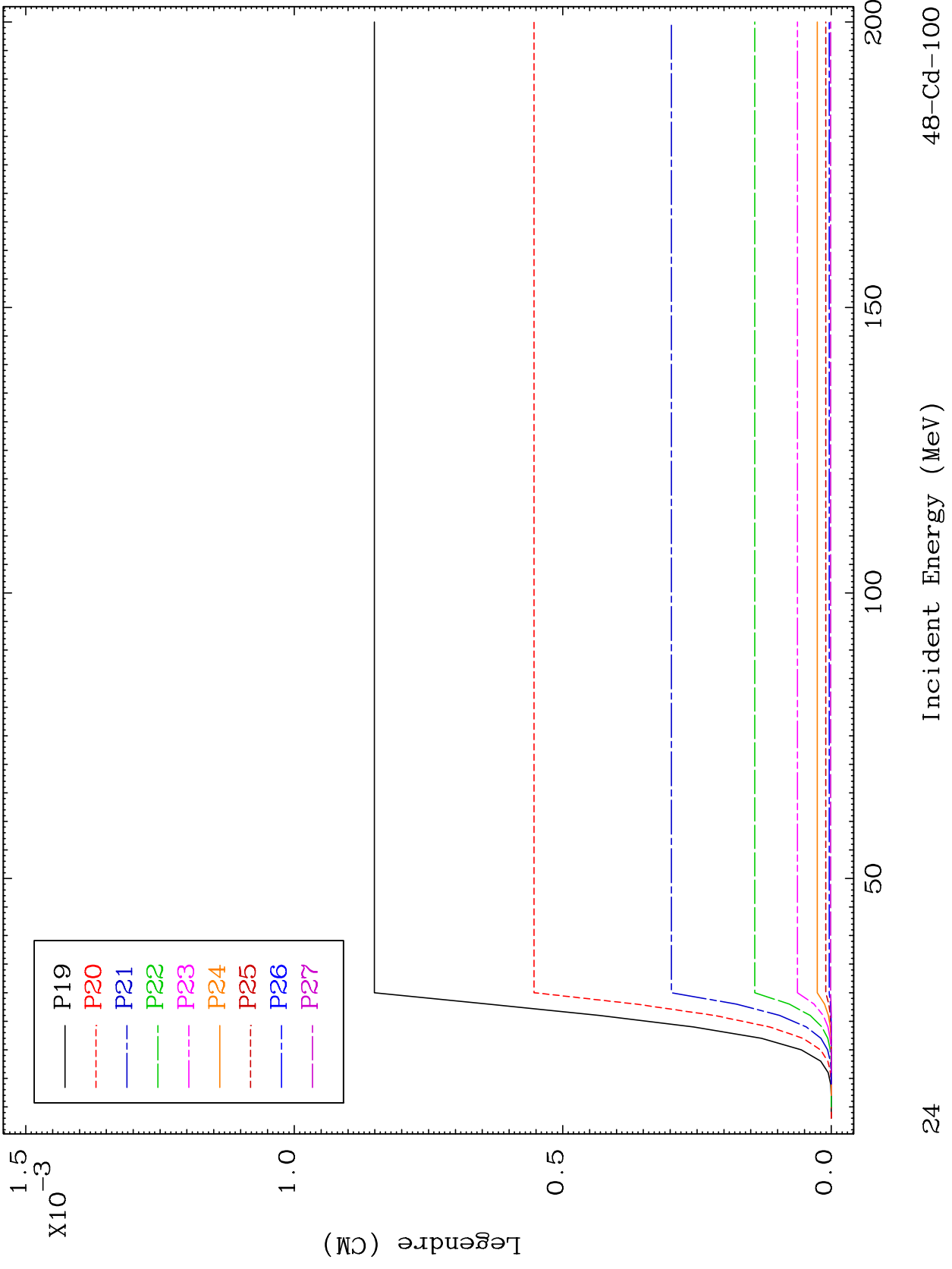
48-Cd-100



MAT 4807

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

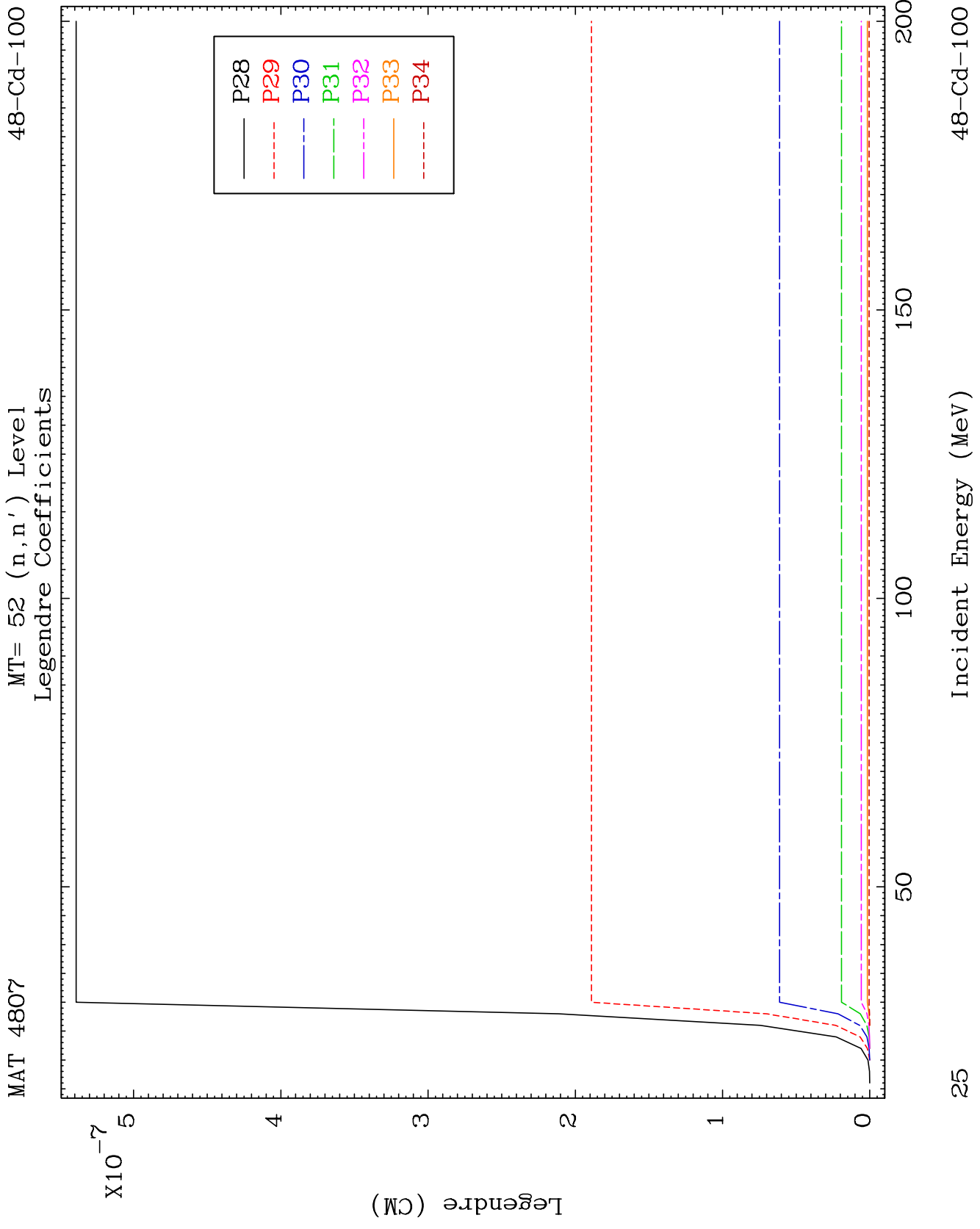
48-Cd-100

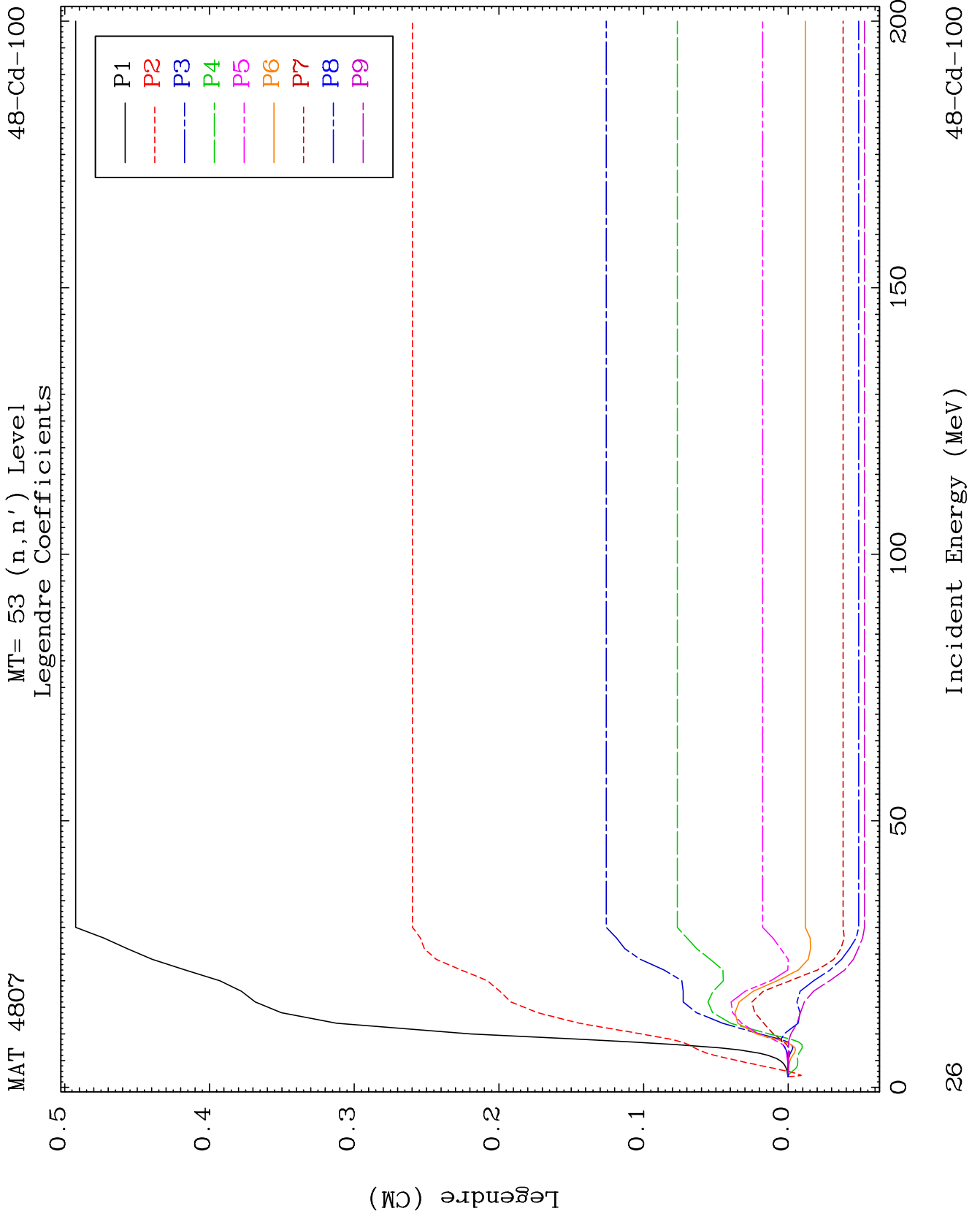


24

Incident Energy (MeV)

48-Cd-100

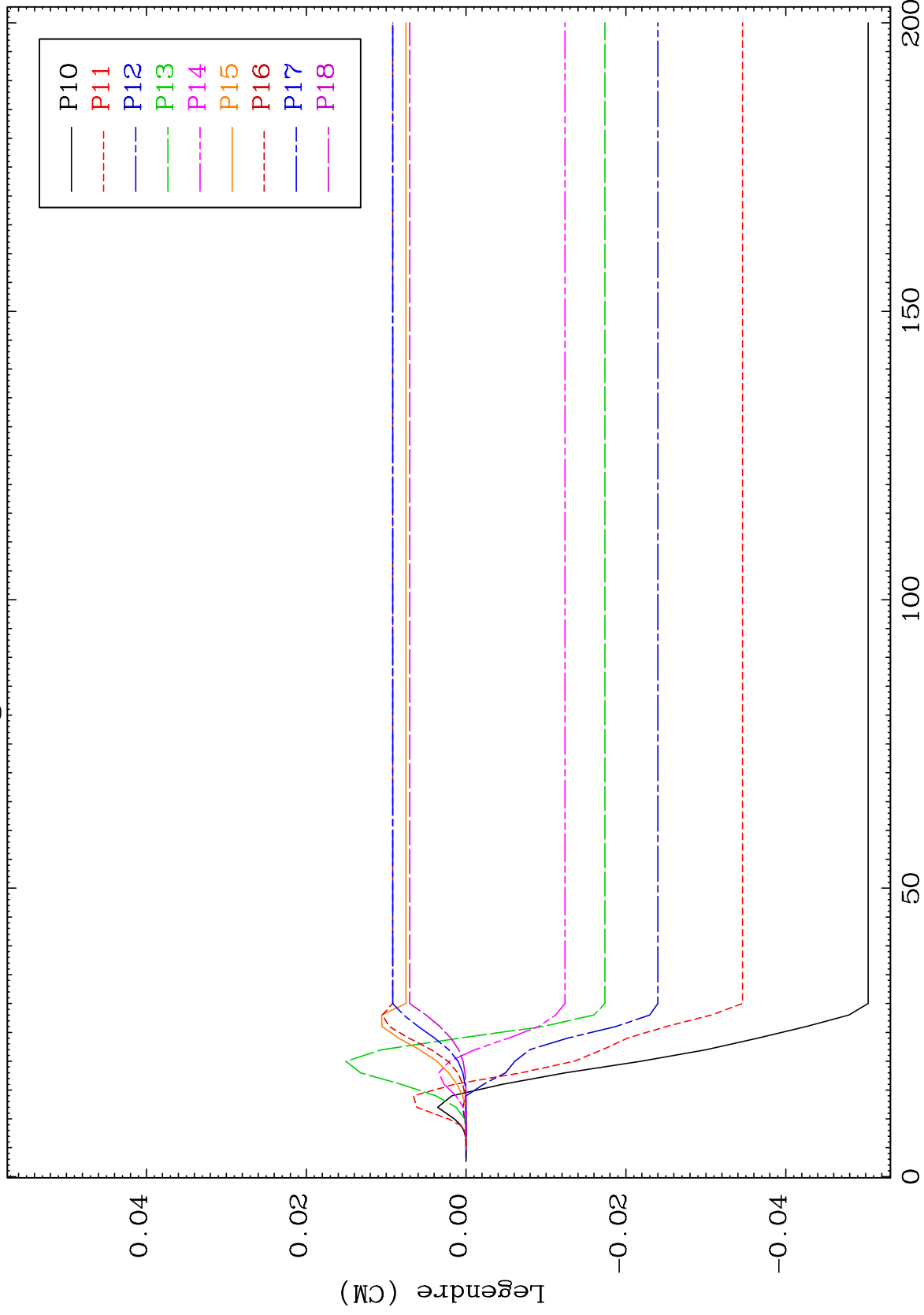




MAT 4807

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

48-Cd-100



27

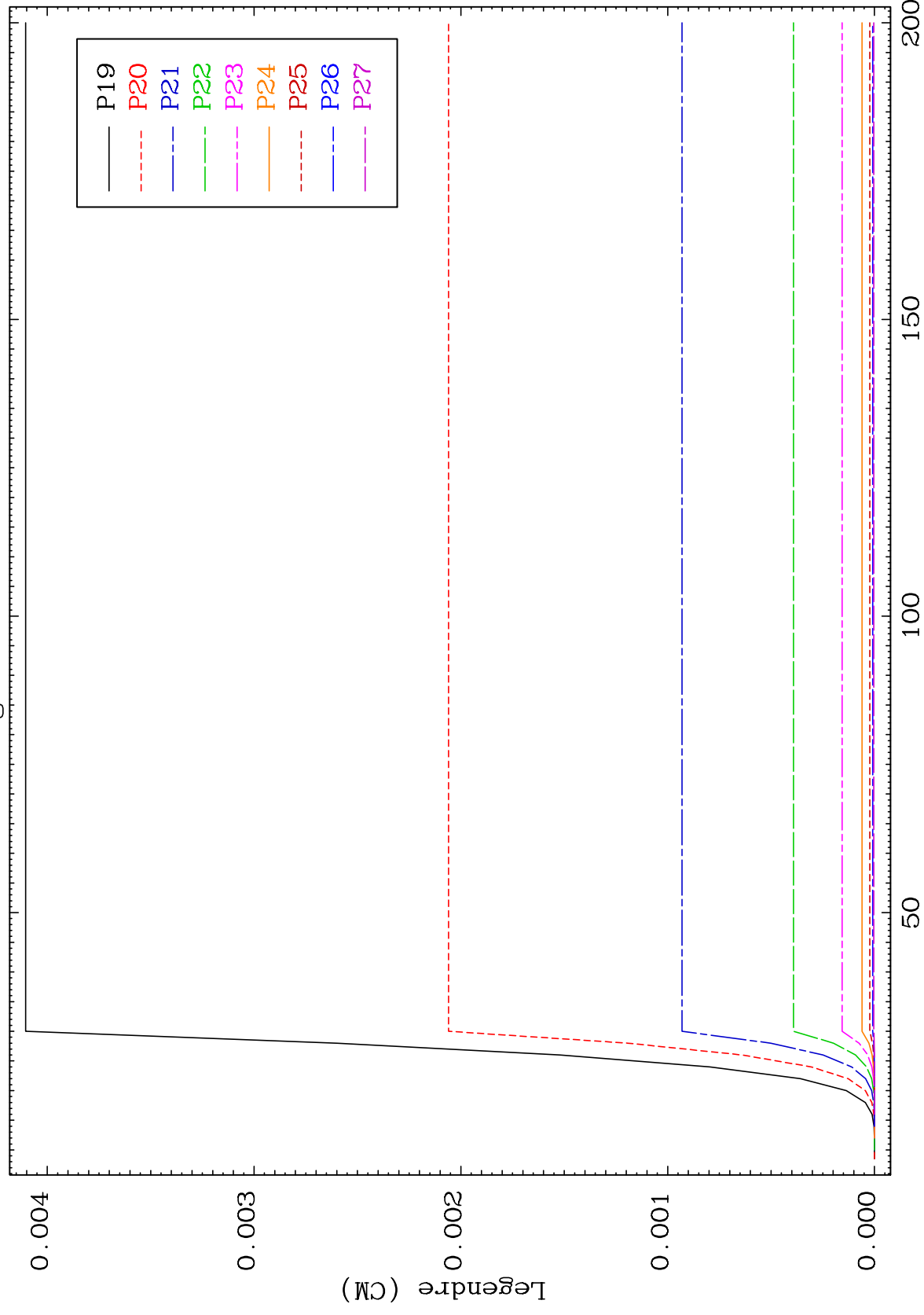
Incident Energy (MeV)

48-Cd-100

MAT 4807

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

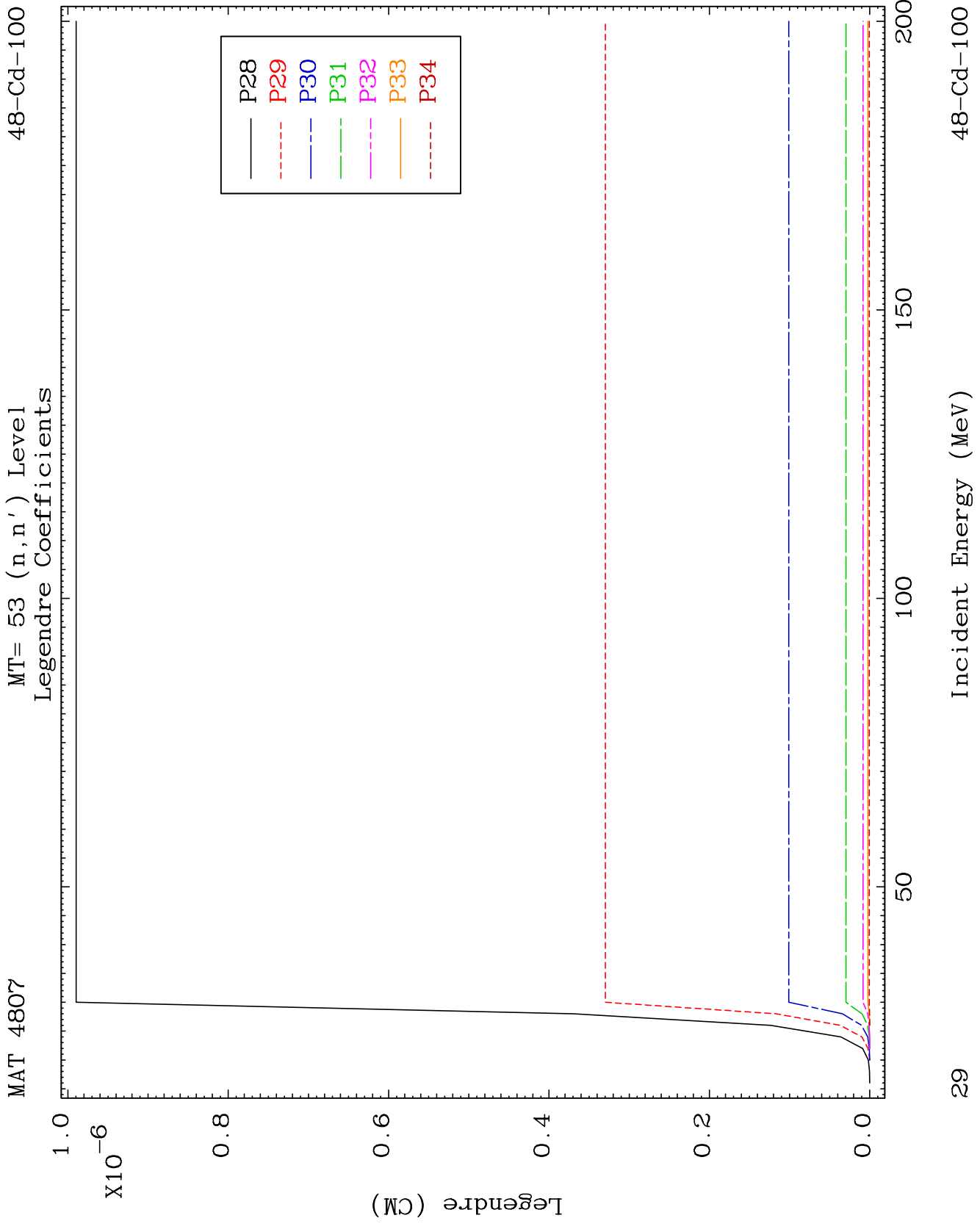
48-Cd-100



28

Incident Energy (MeV)

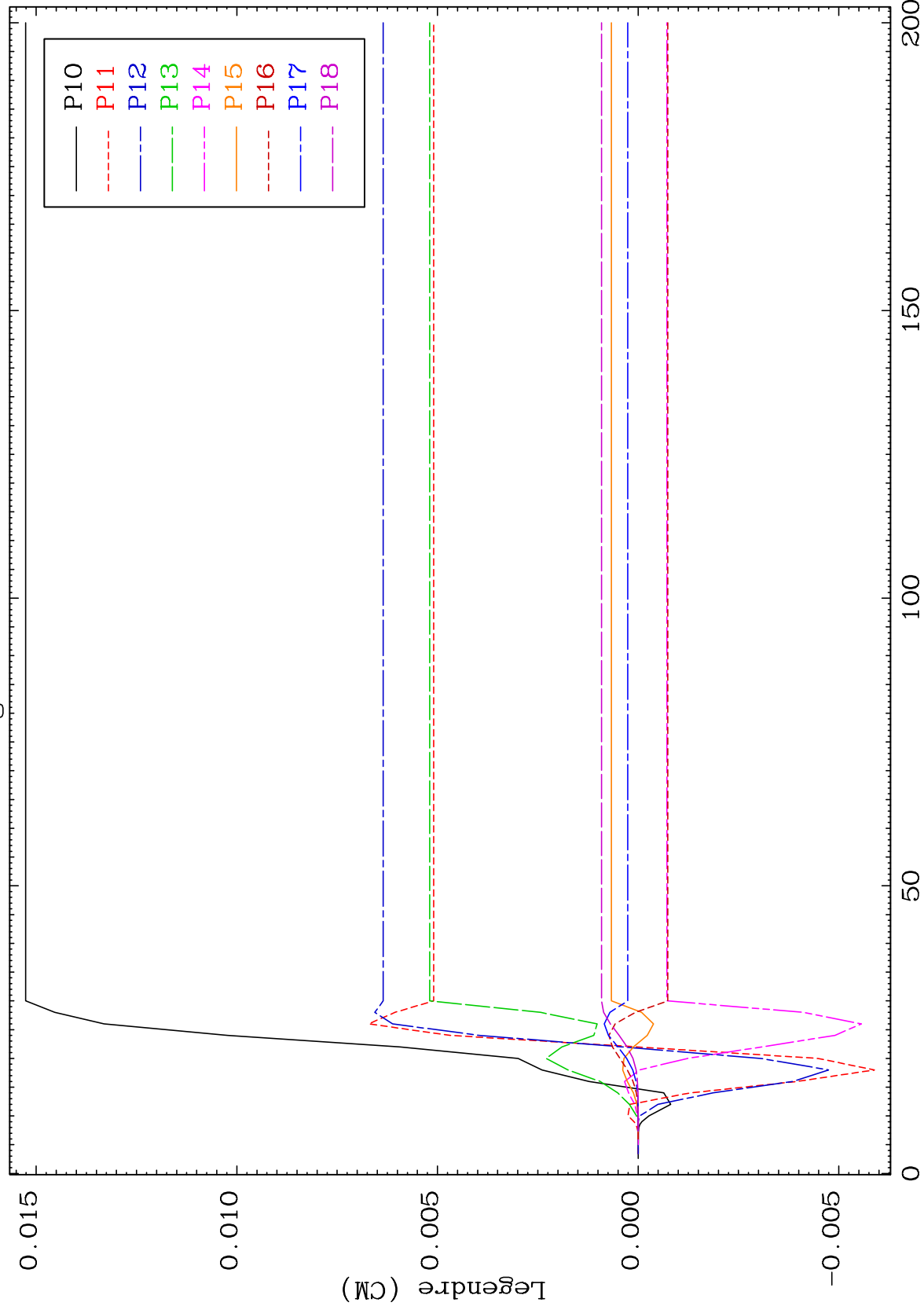
48-Cd-100



MAT 4807

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

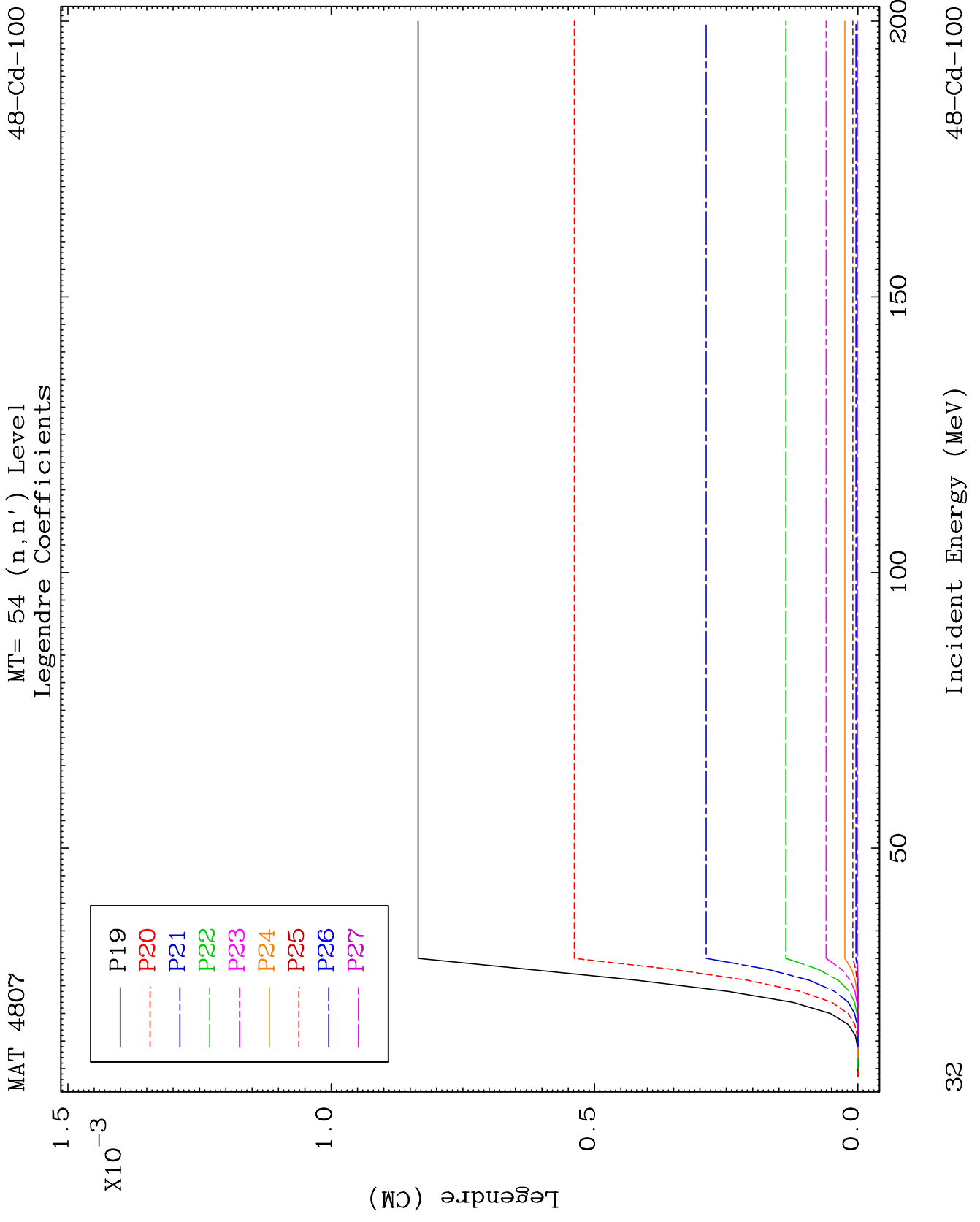
48-Cd-100



31

Incident Energy (MeV)

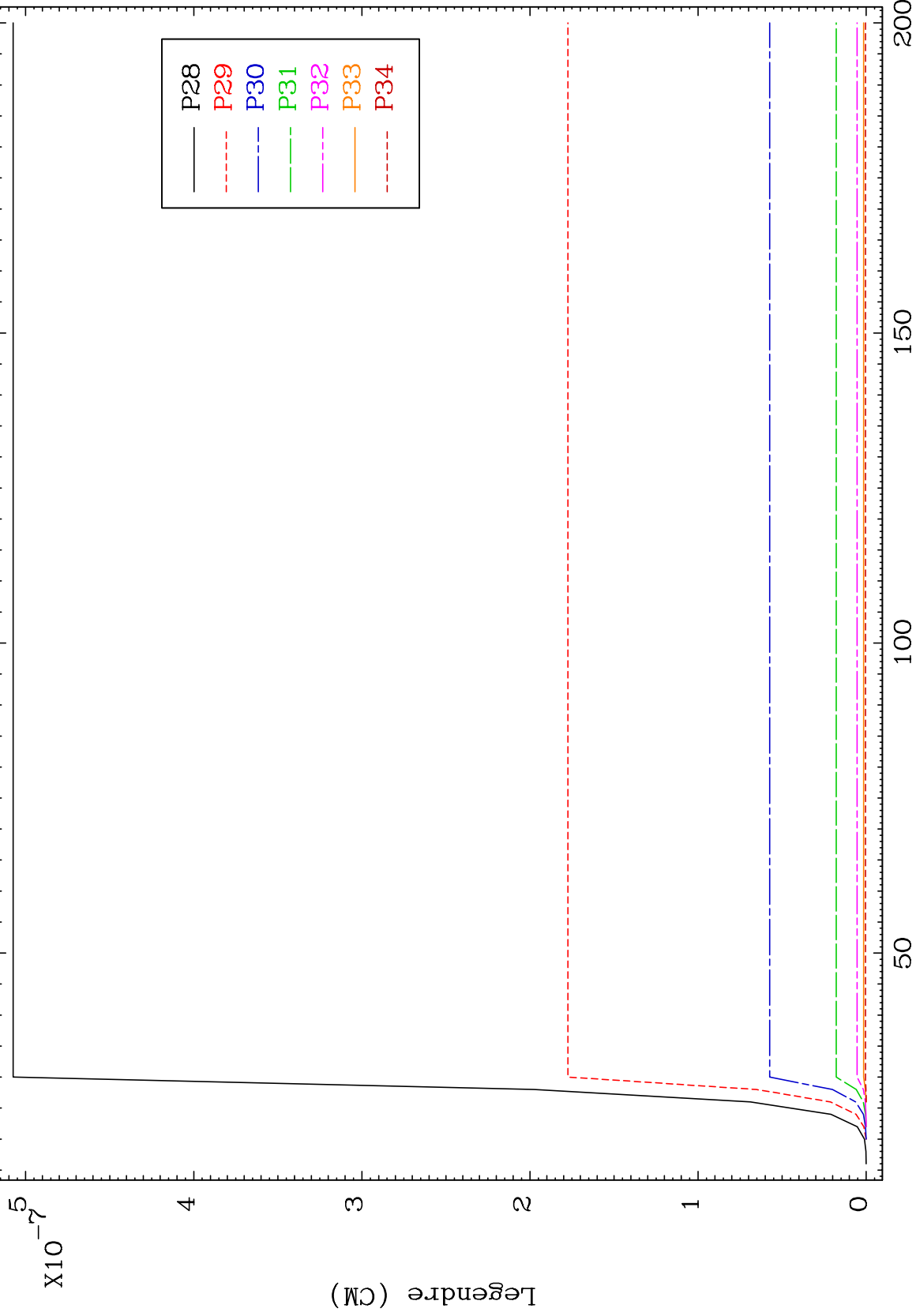
48-Cd-100



MAT 4807

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

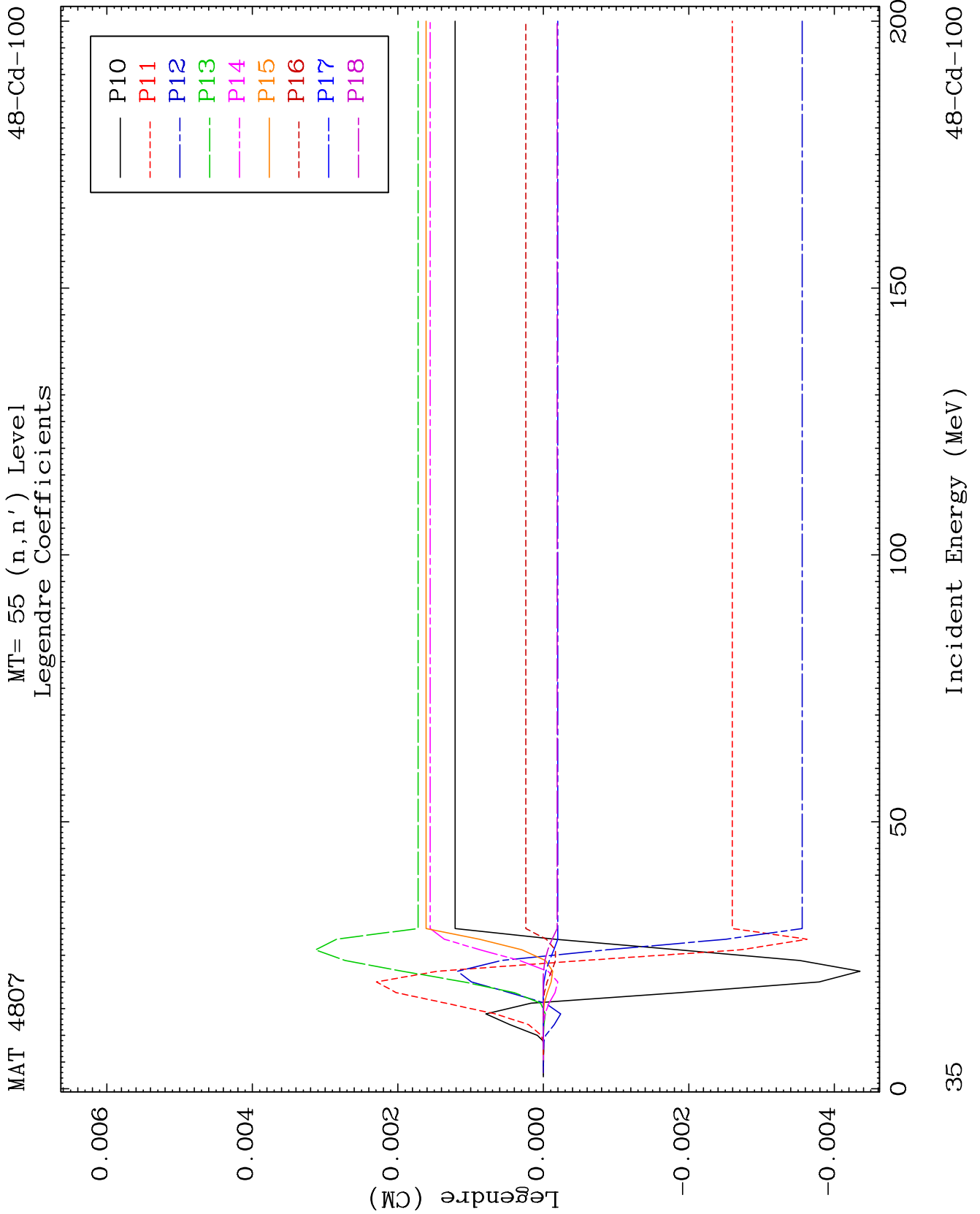
48-Cd-100

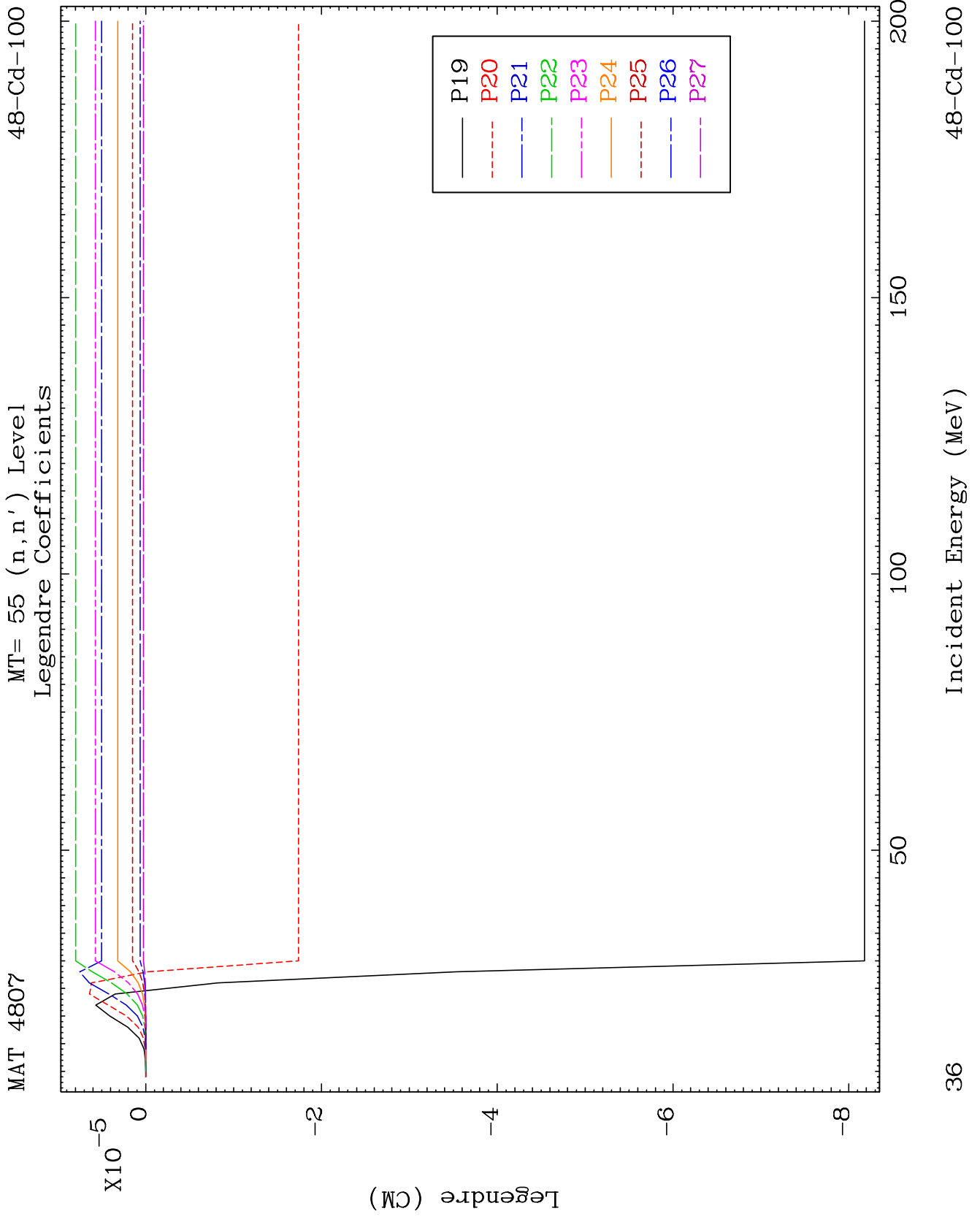


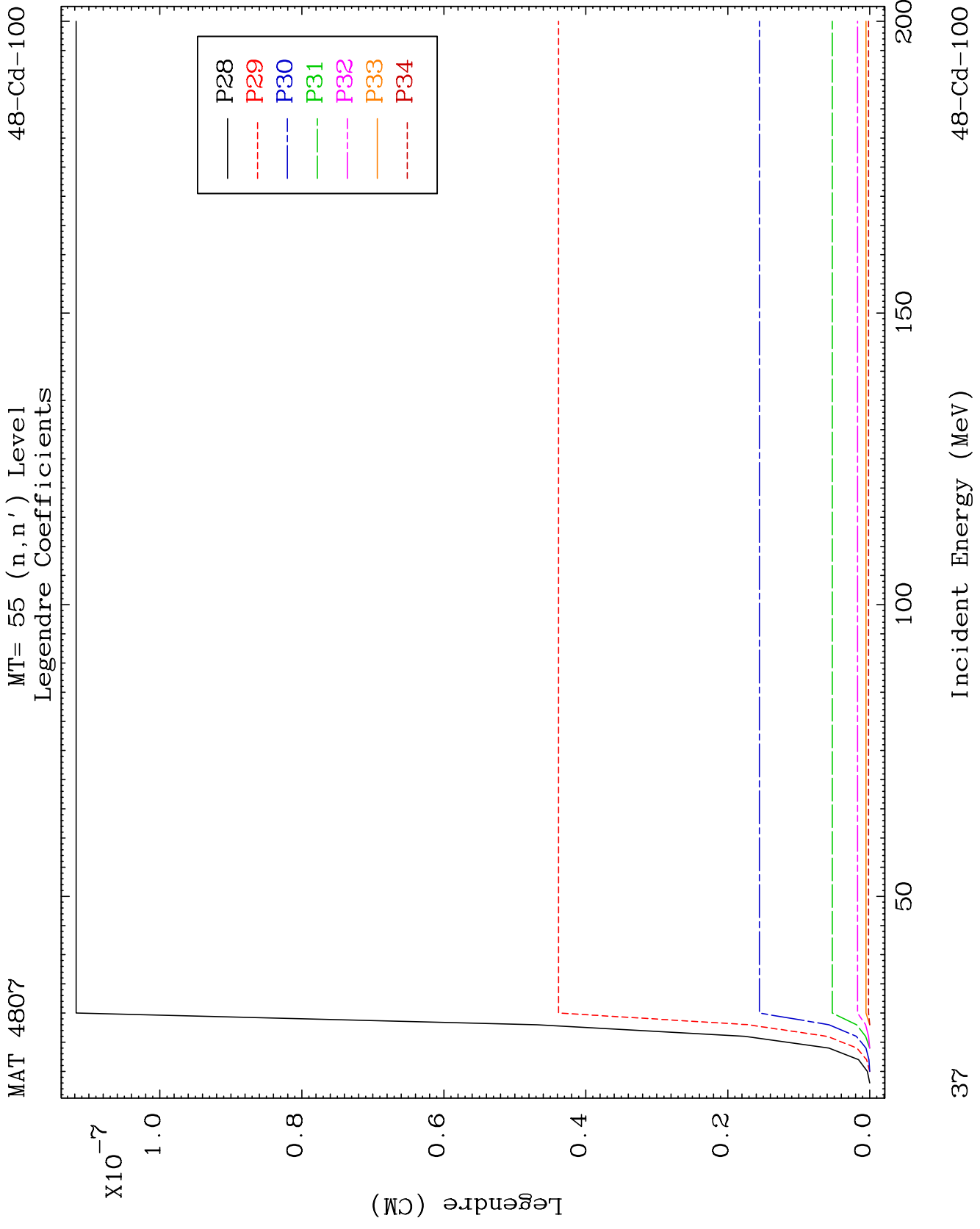
33

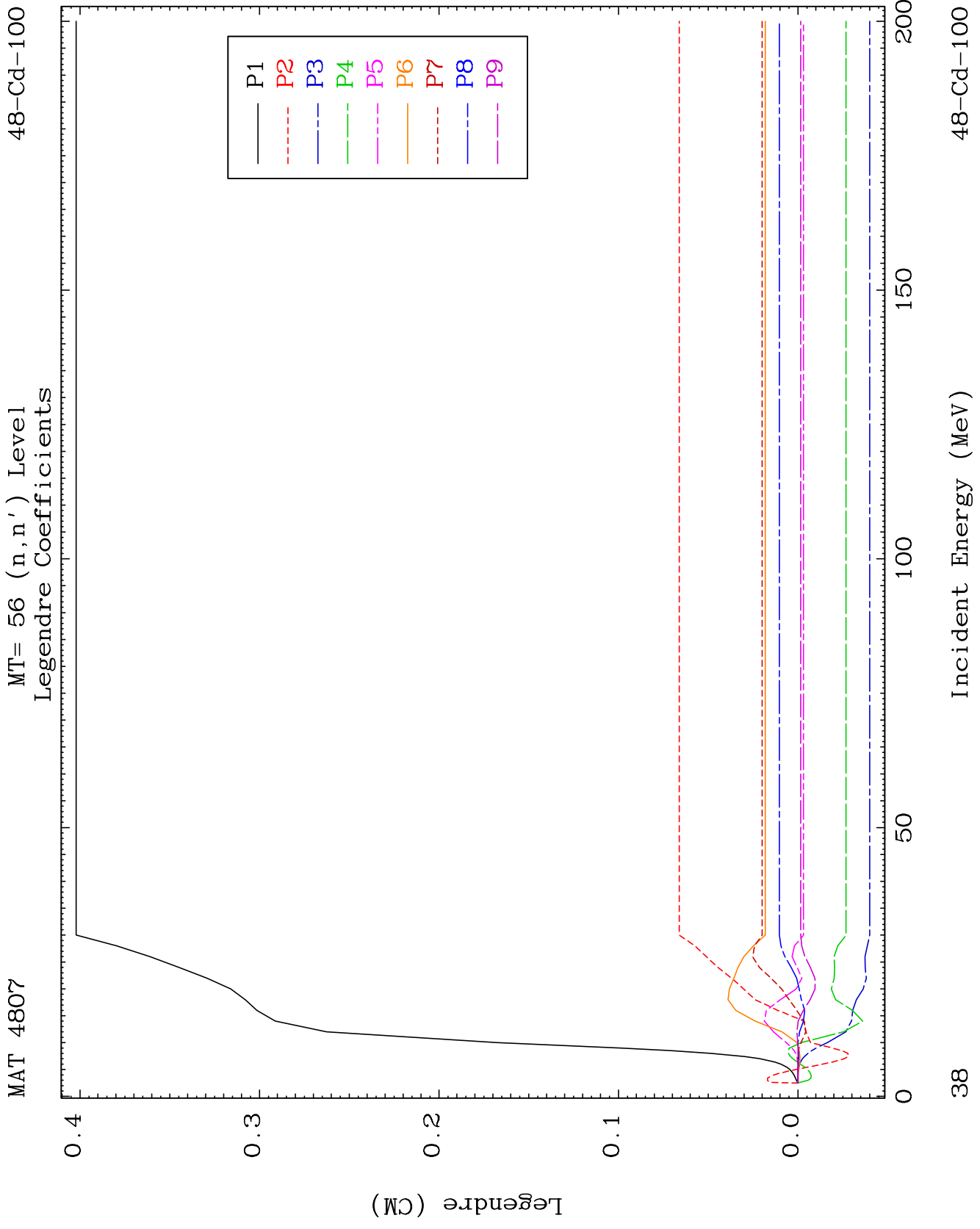
Incident Energy (MeV)

48-Cd-100





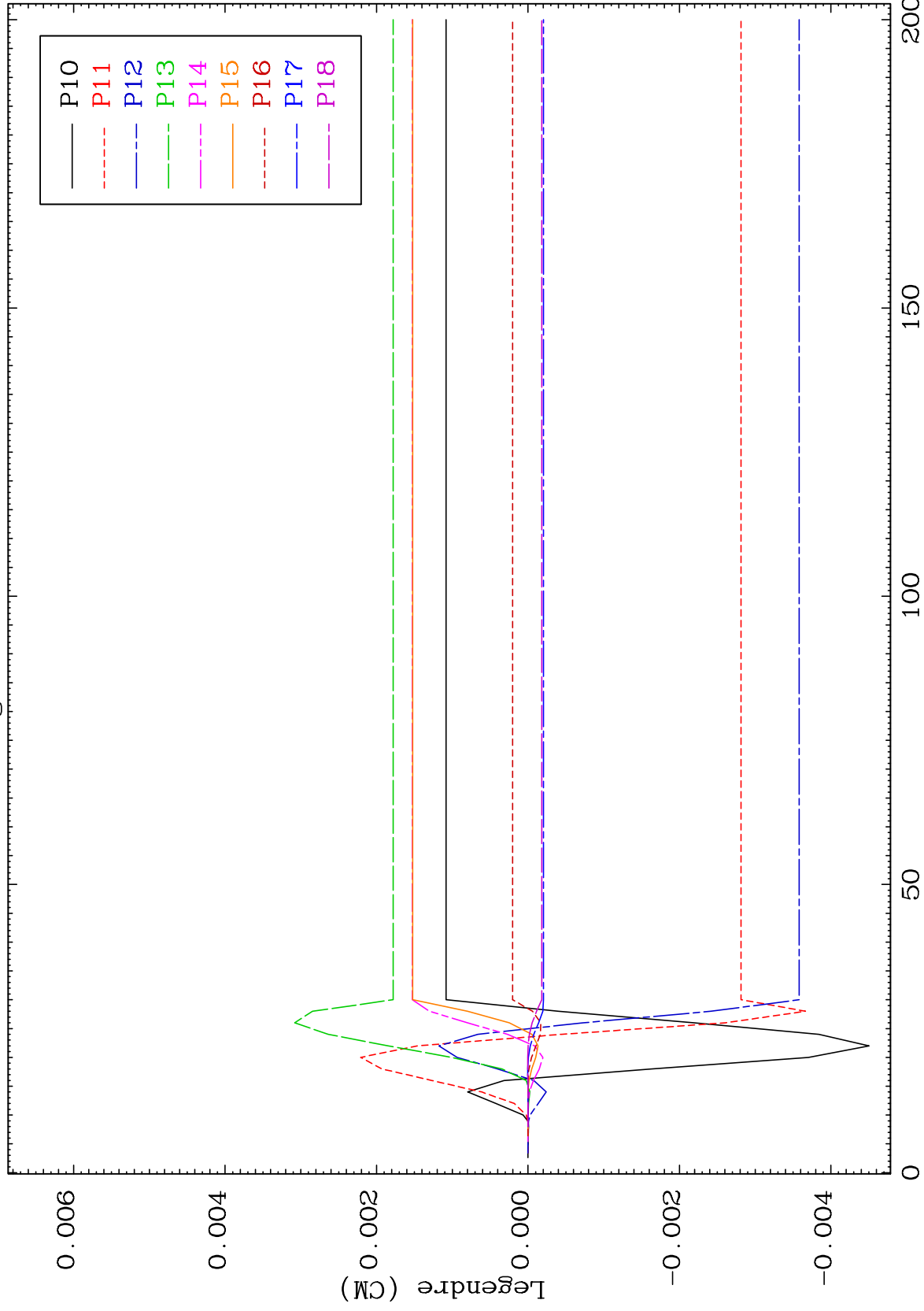




MAT 4807

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

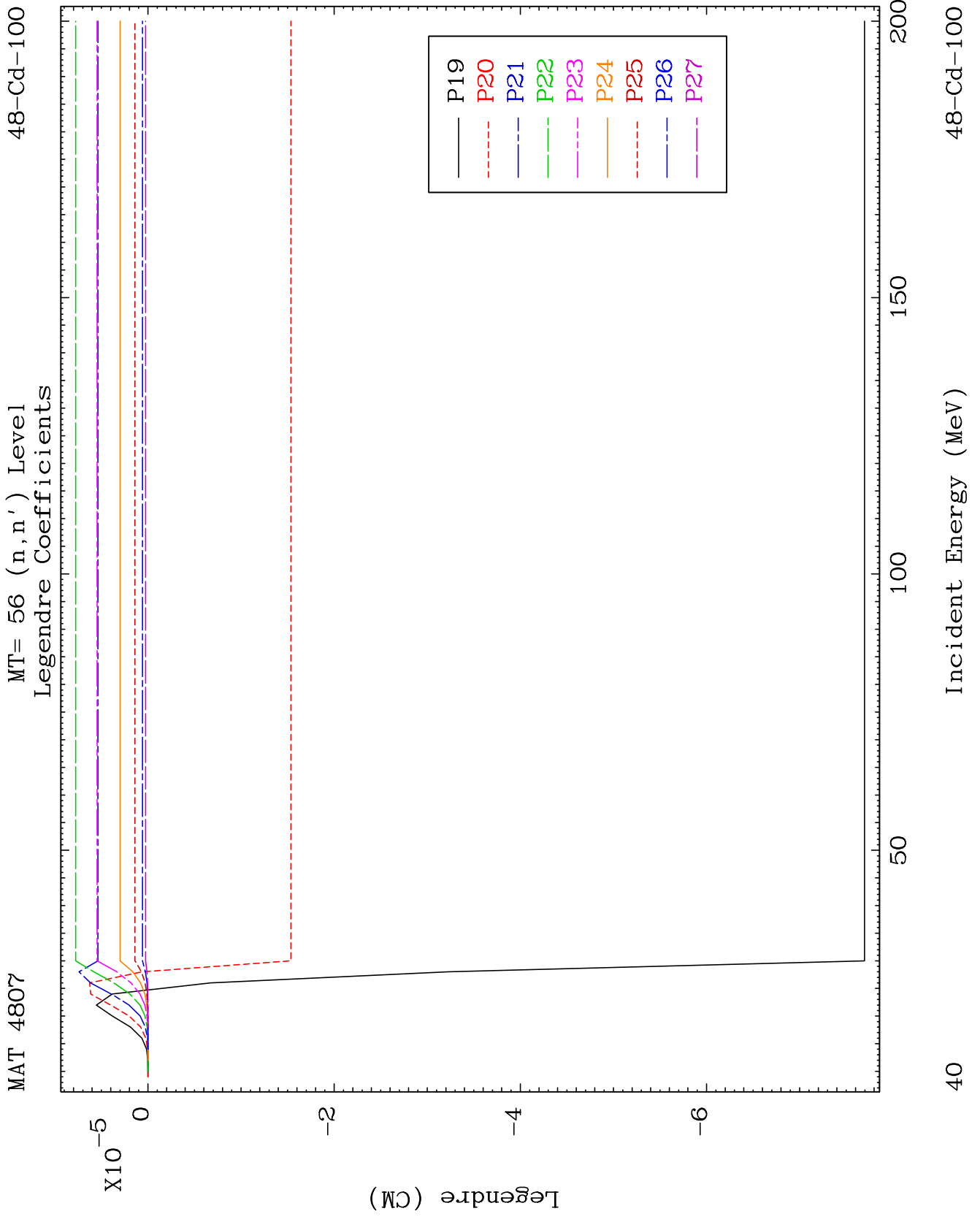
48-Cd-100



39

Incident Energy (MeV)

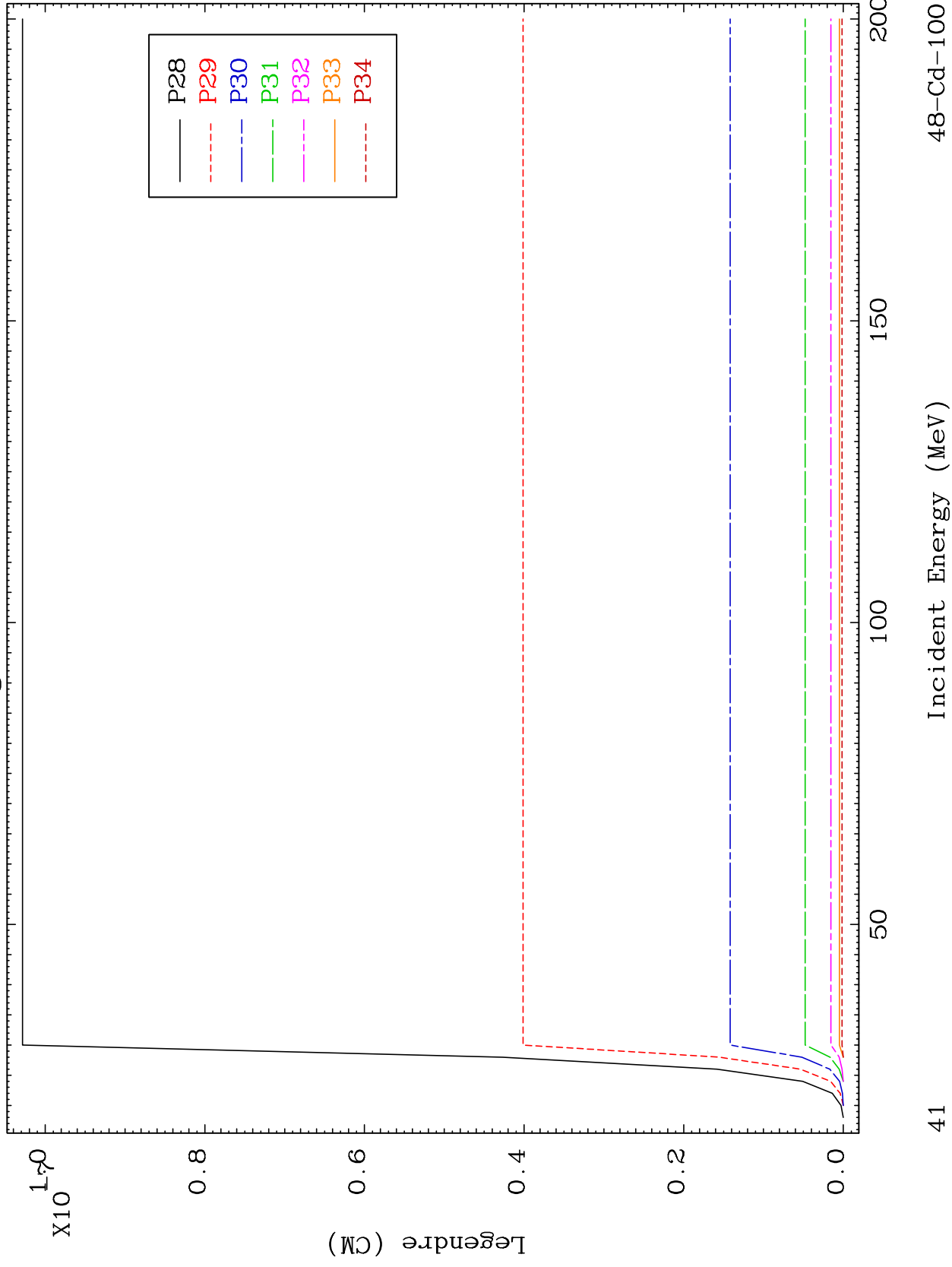
48-Cd-100



MAT 4807

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

48-Cd-100

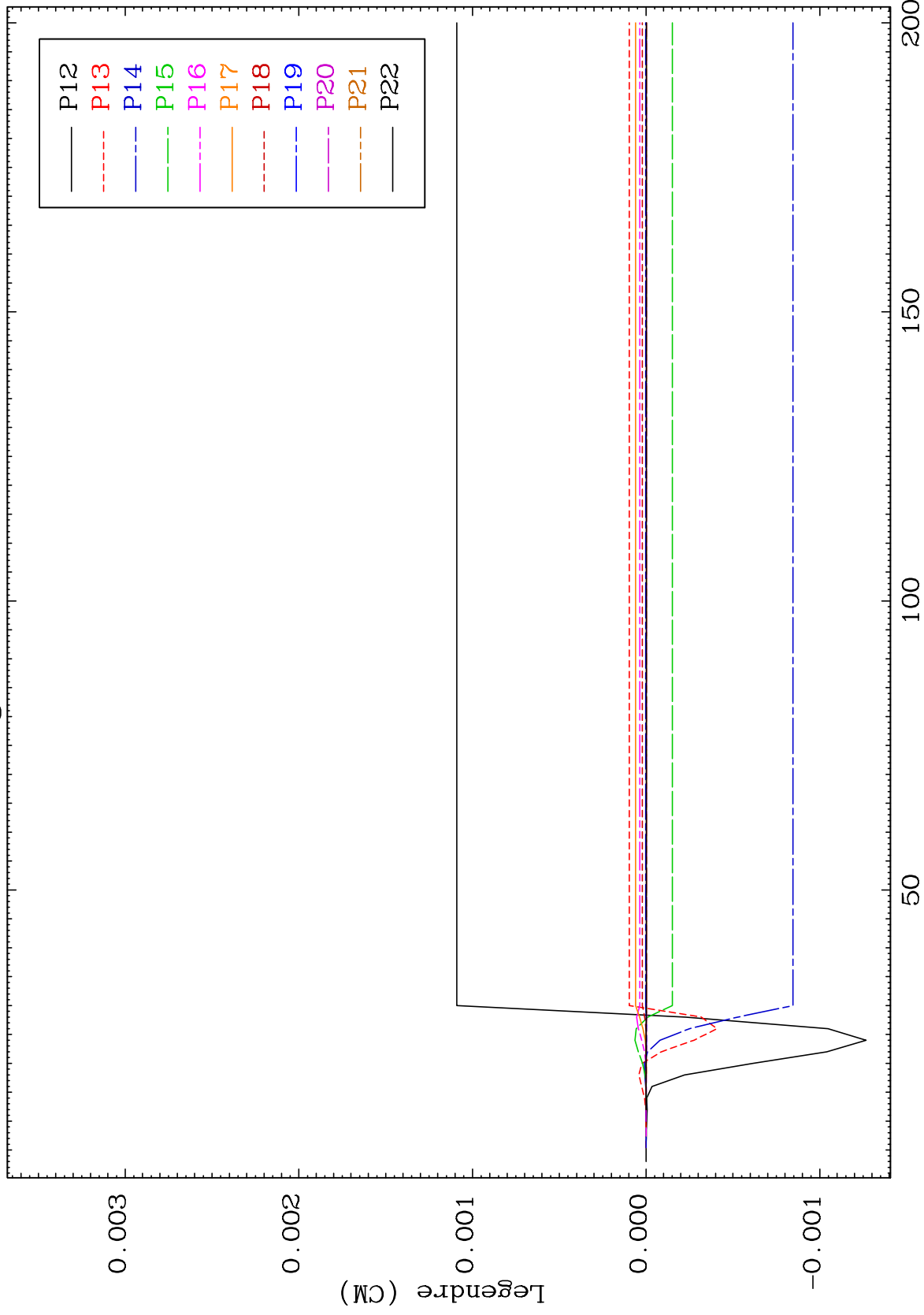


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MAT 4807

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

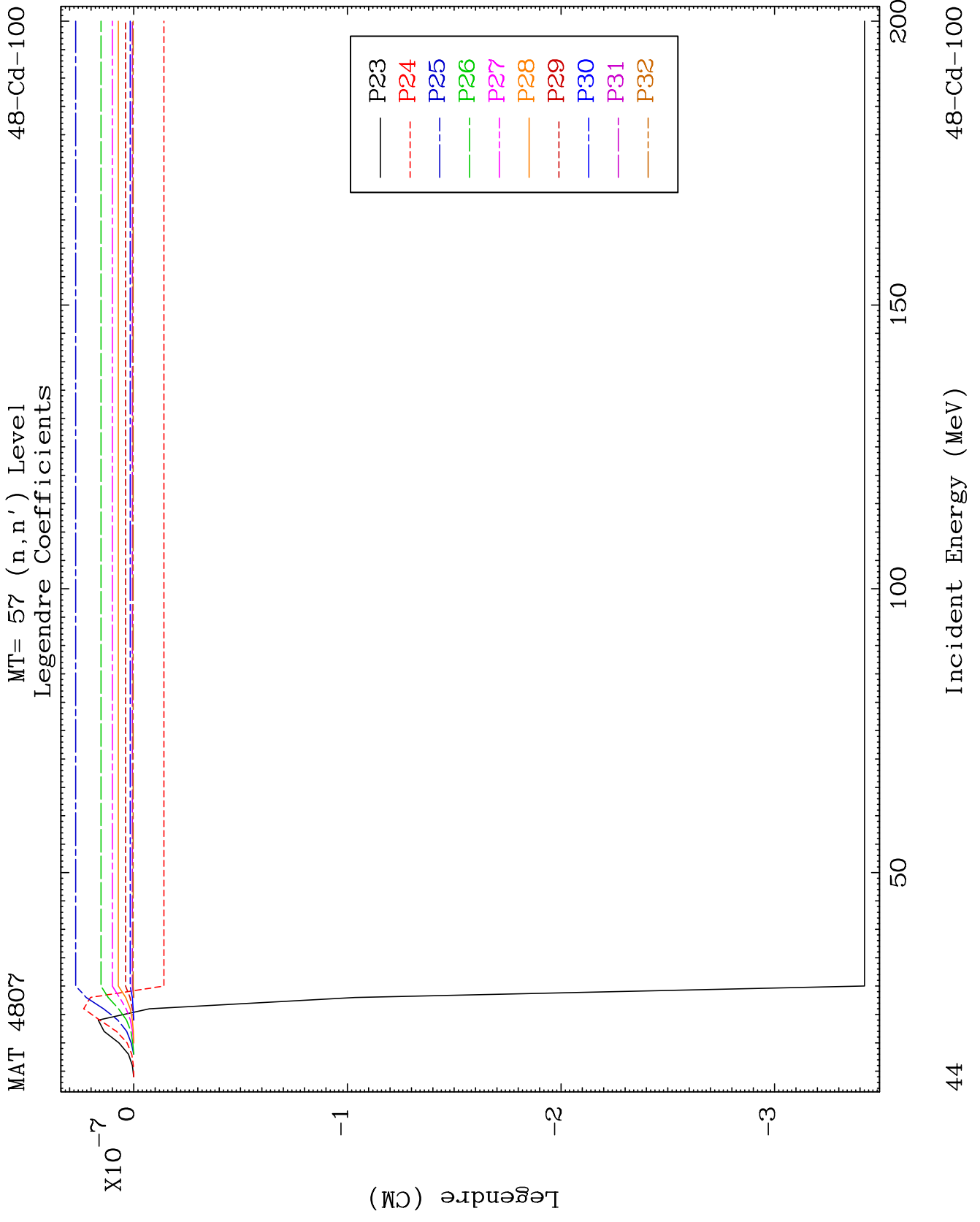
48-Cd-100

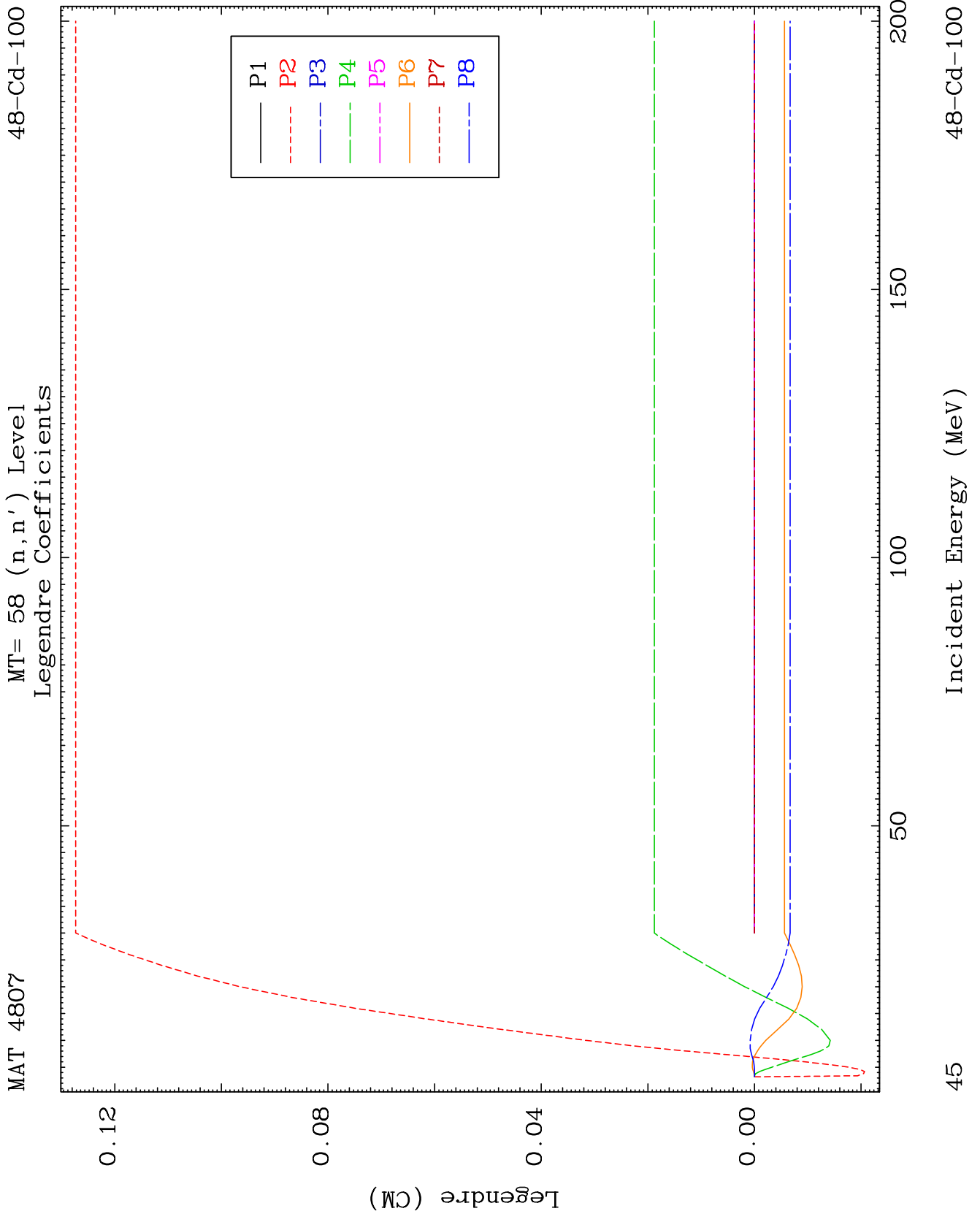


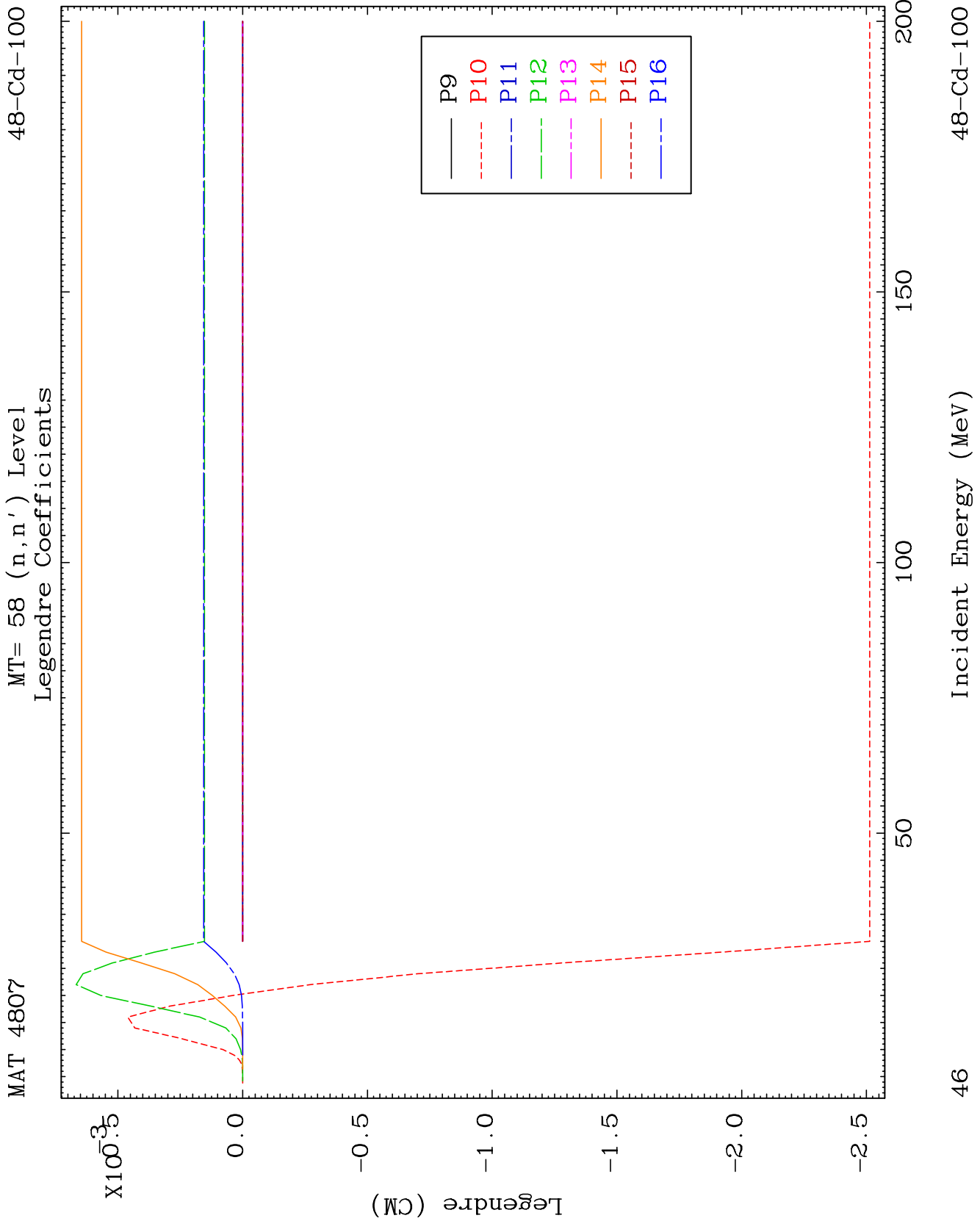
43

Incident Energy (MeV)

48-Cd-100



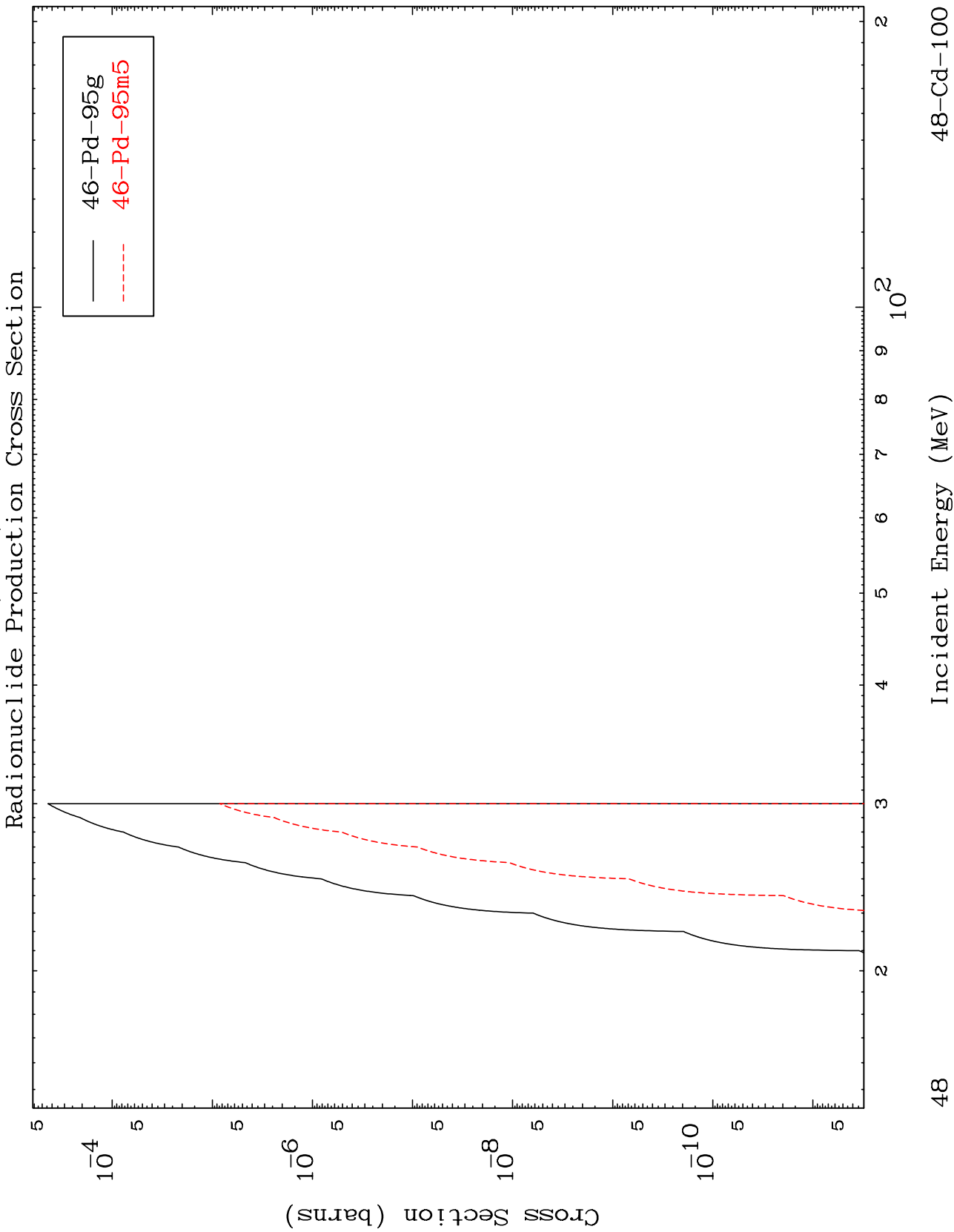




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(n,2n) α

48-Cd-100



48

Incident Energy (MeV)

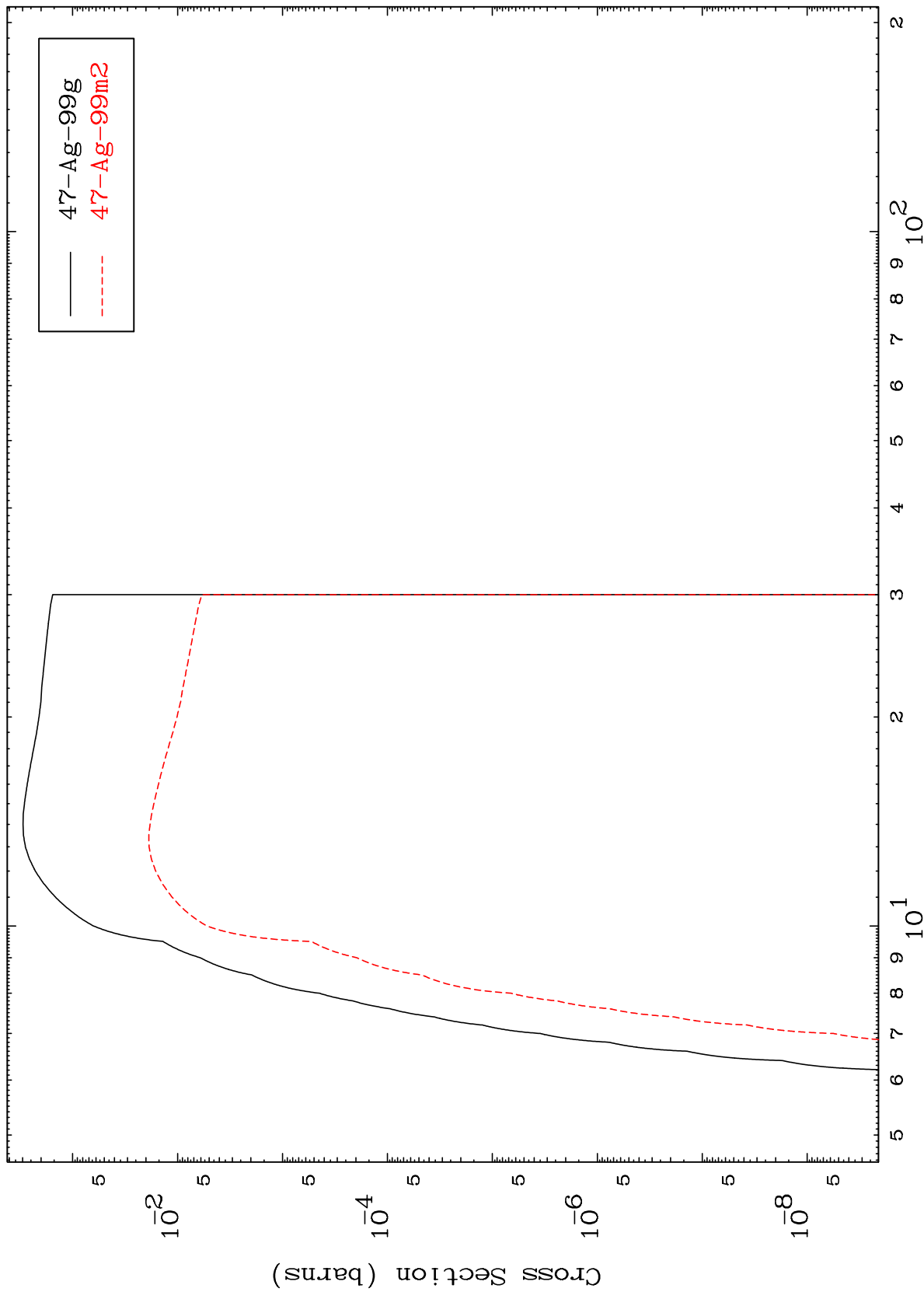
48-Cd-100

MAT 4807

(n,n') p

48-Cd-100

Radionuclide Production Cross Section



49

Incident Energy (MeV)

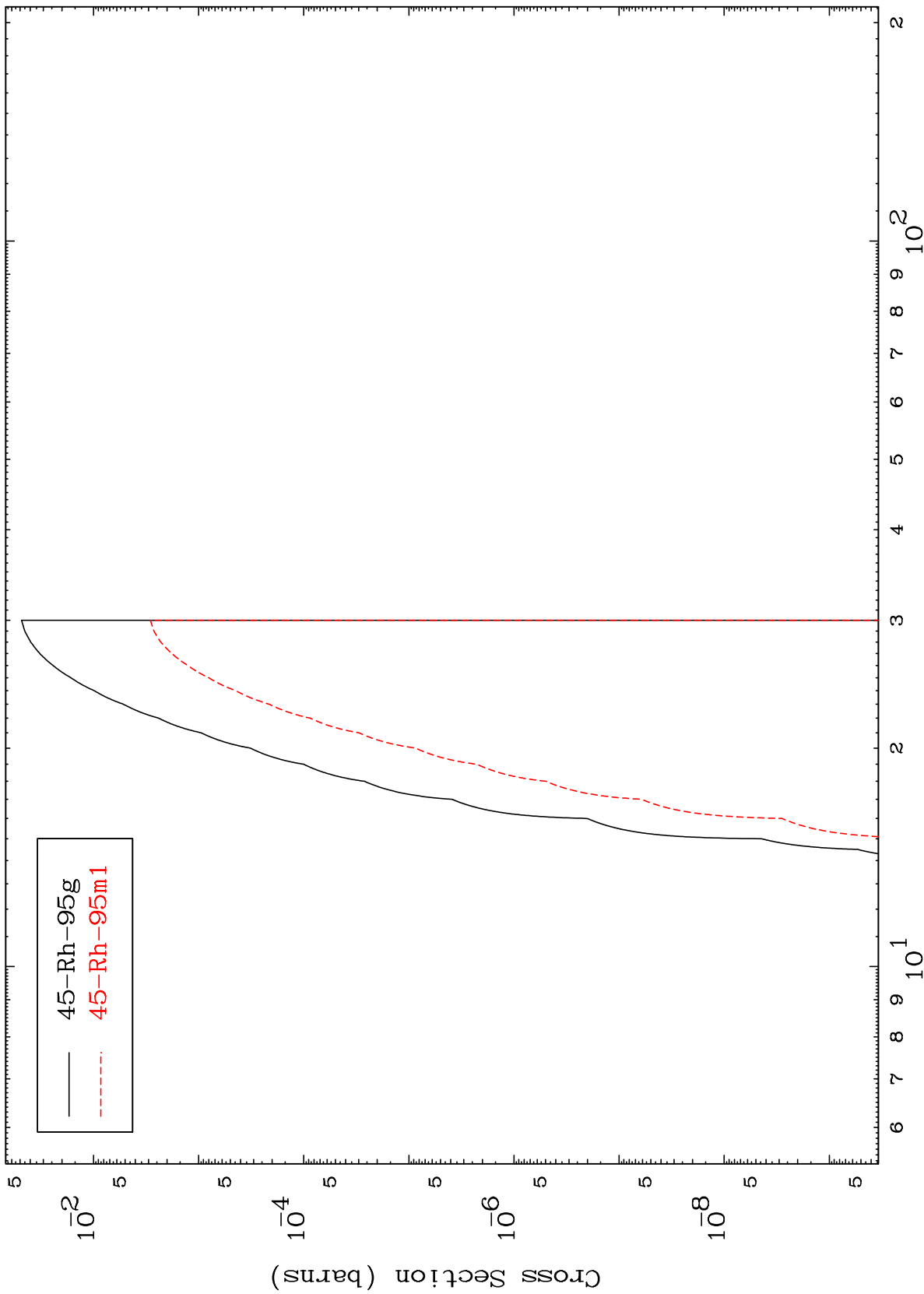
48-Cd-100

MAT 4807

(n,n') p α

48-Cd-100

Radionuclide Production Cross Section



— 45-Rh-95g
- - - 45-Rh-95m1

50

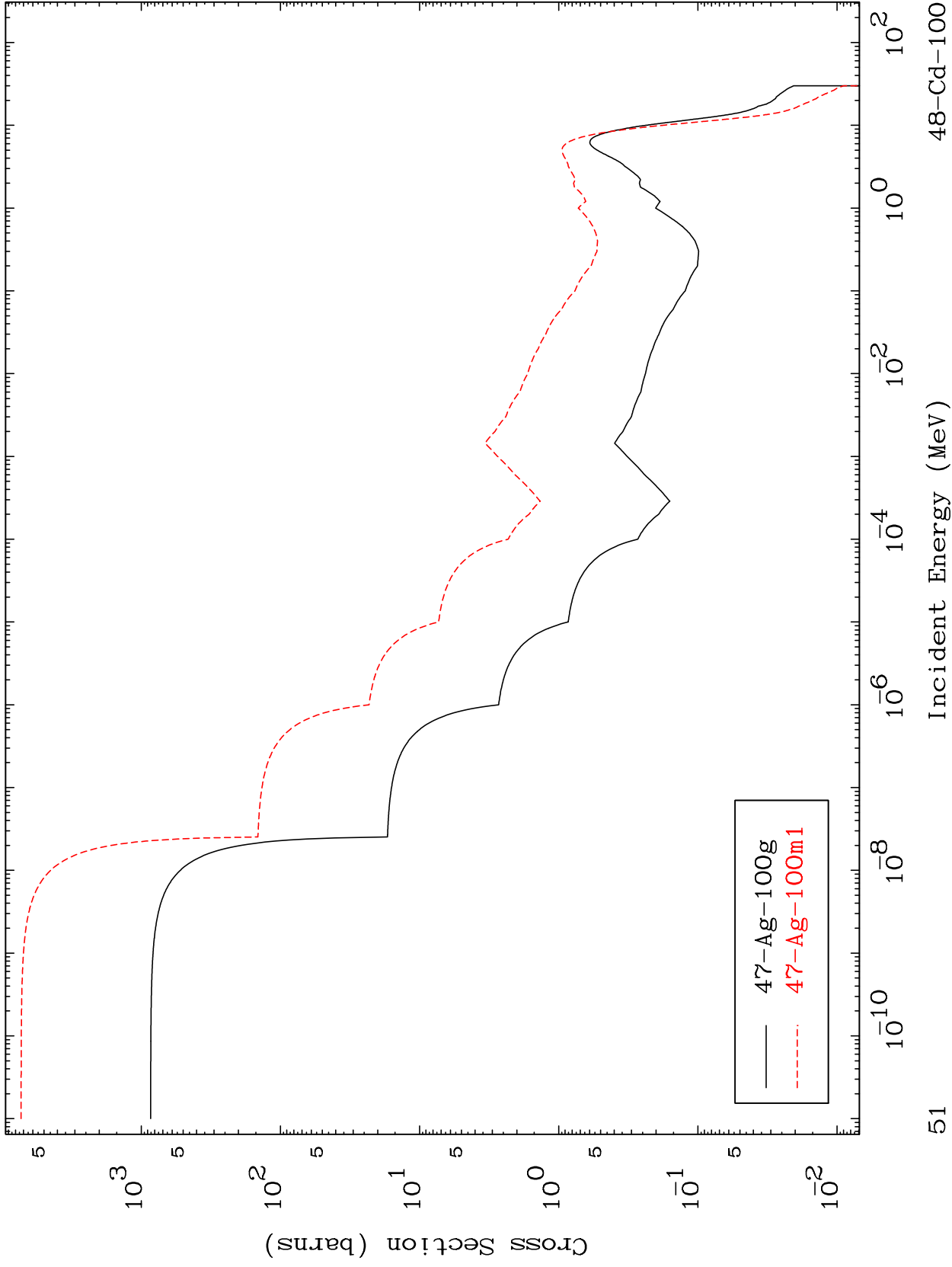
Incident Energy (MeV)

48-Cd-100

MAT 4807

48-Cd-100

(n,p)
Radionuclide Production Cross Section

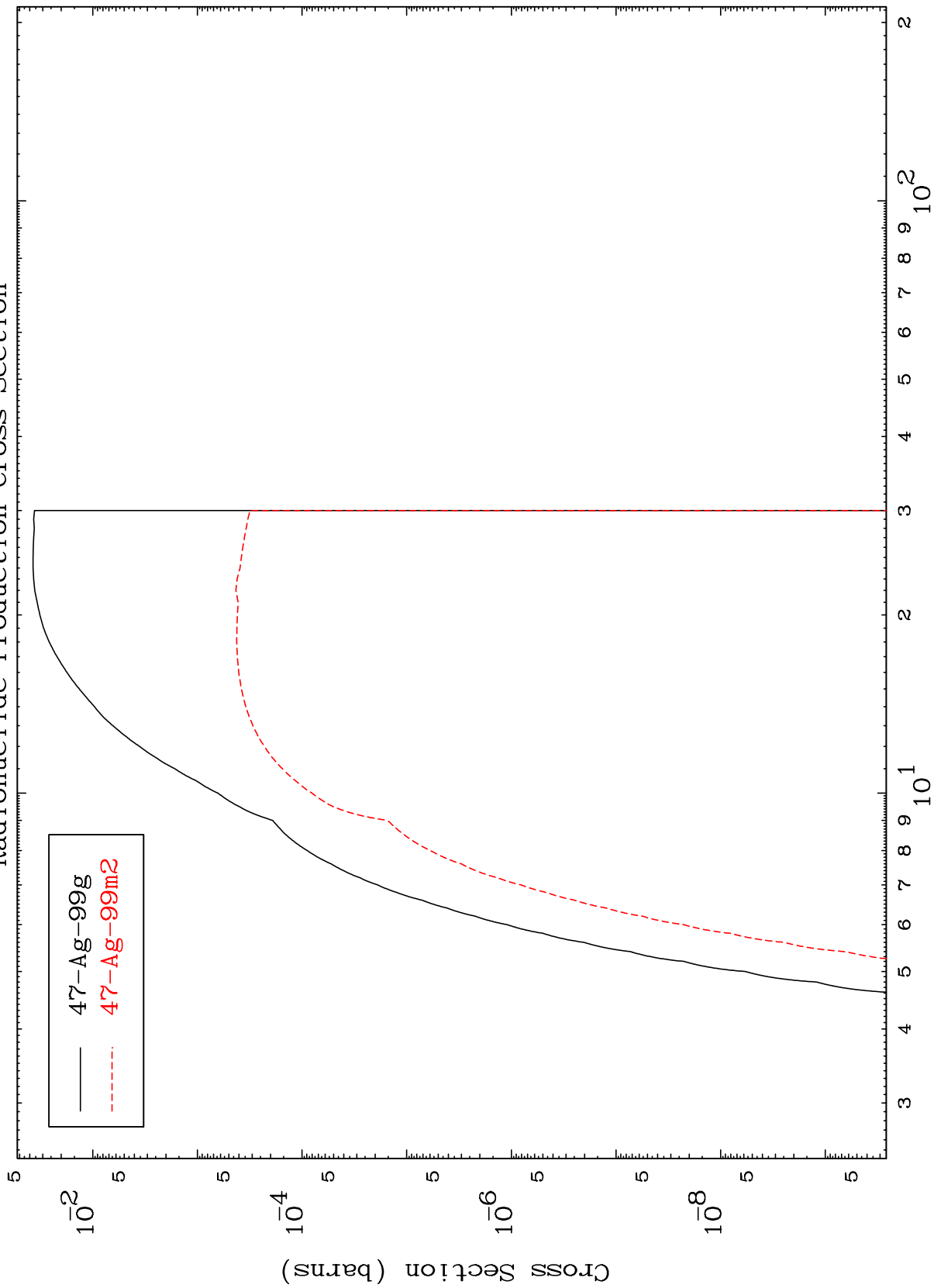


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(n,d)

48-Cd-100

Radionuclide Production Cross Section



52

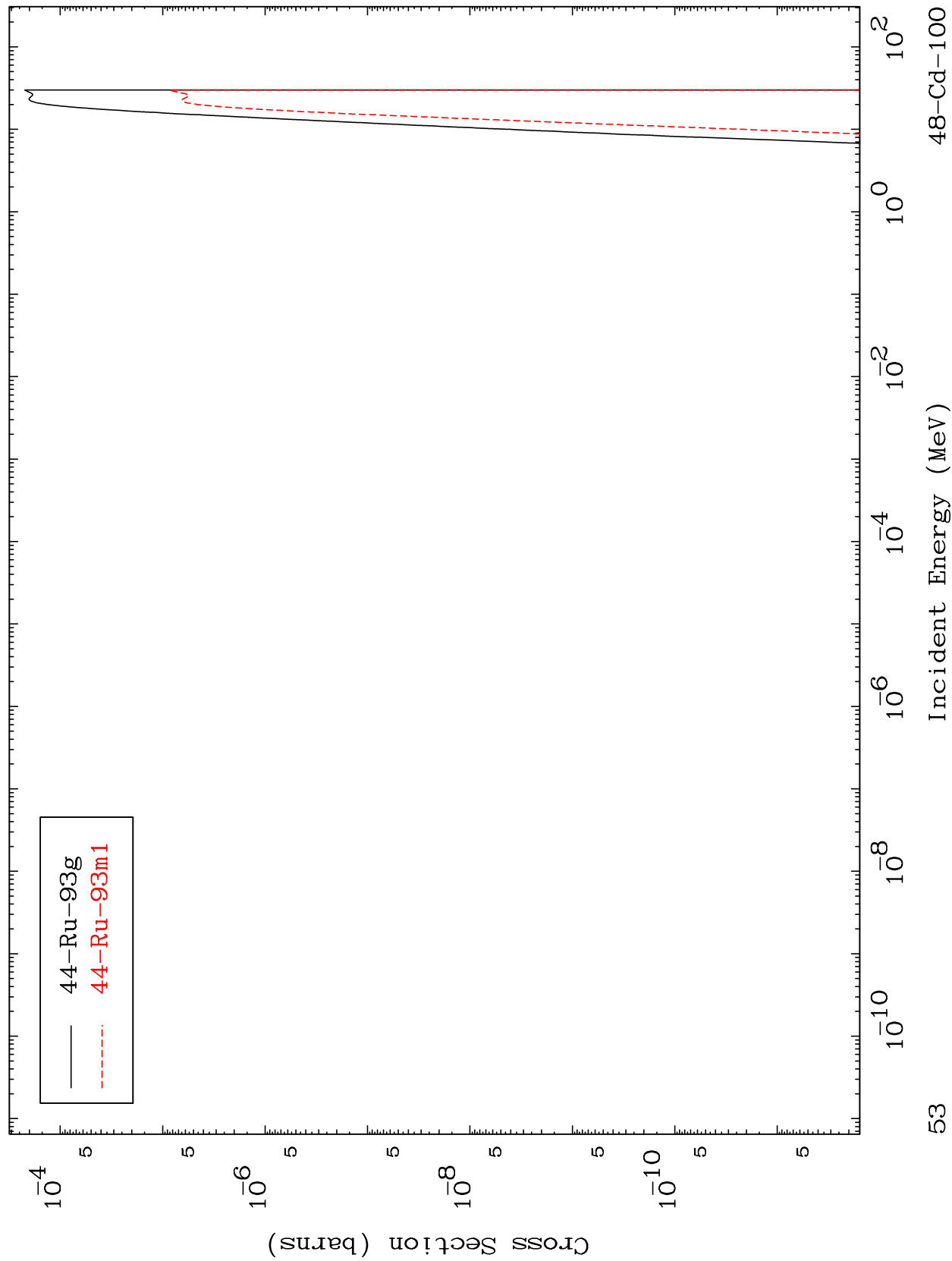
Incident Energy (MeV)

48-Cd-100

MAT 4807

48-Cd-100

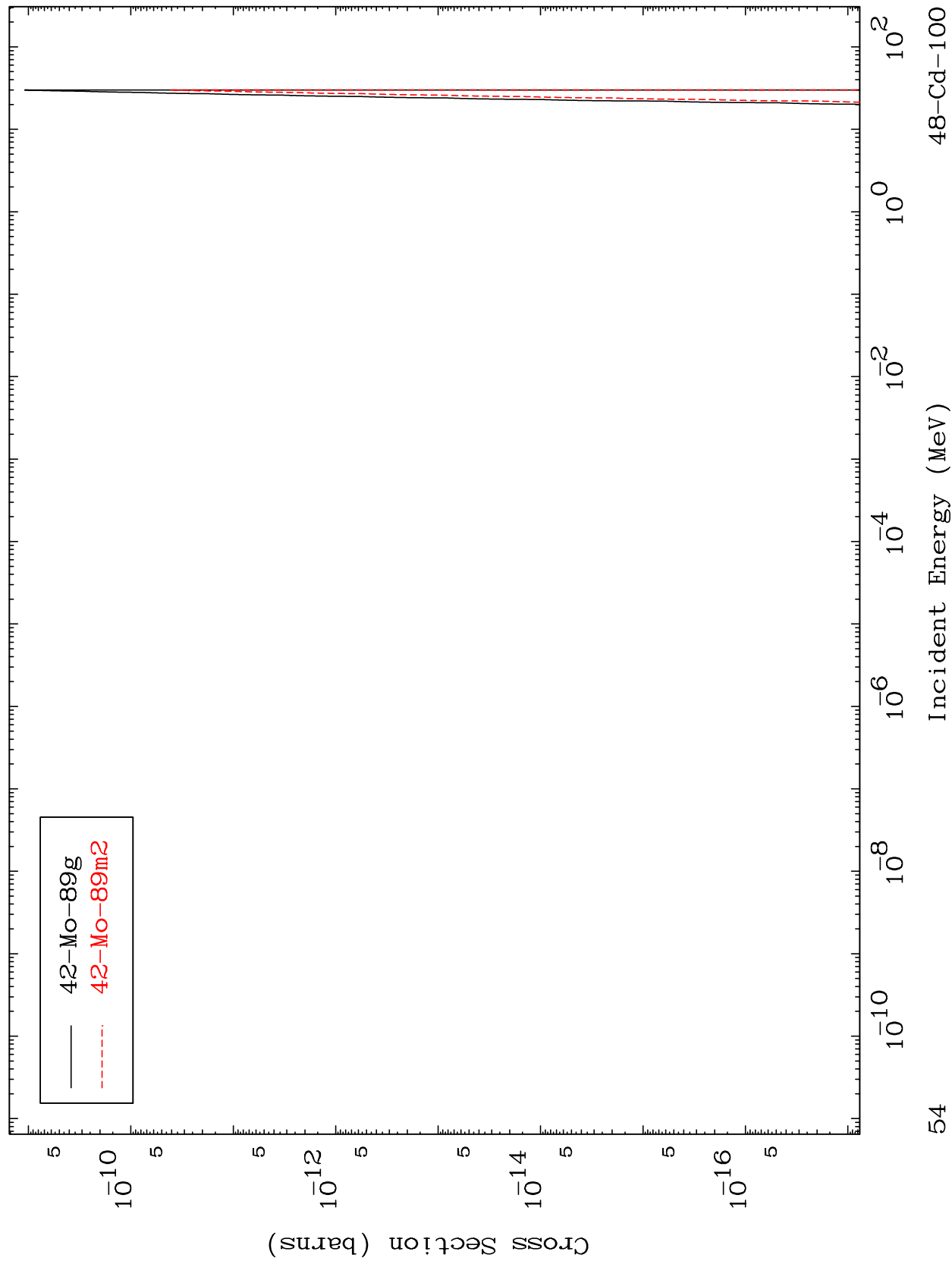
(n,2α)
Radionuclide Production Cross Section



MAT 4807

48-Cd-100

(n,3α)
Radionuclide Production Cross Section

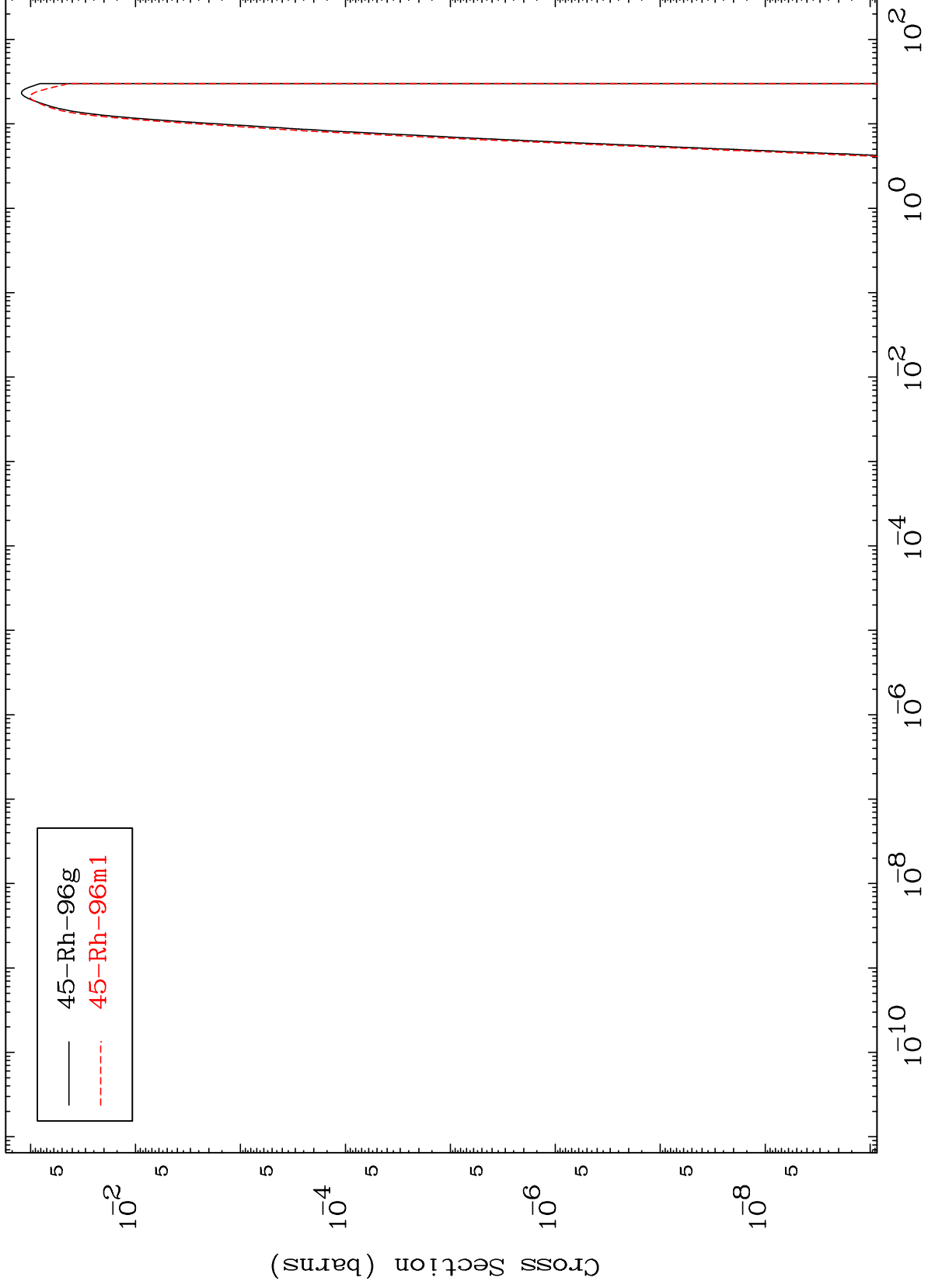


MAT 4807

(n,p) α

48-Cd-100

Radionuclide Production Cross Section



55

Incident Energy (MeV)

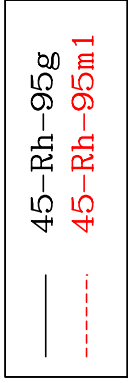
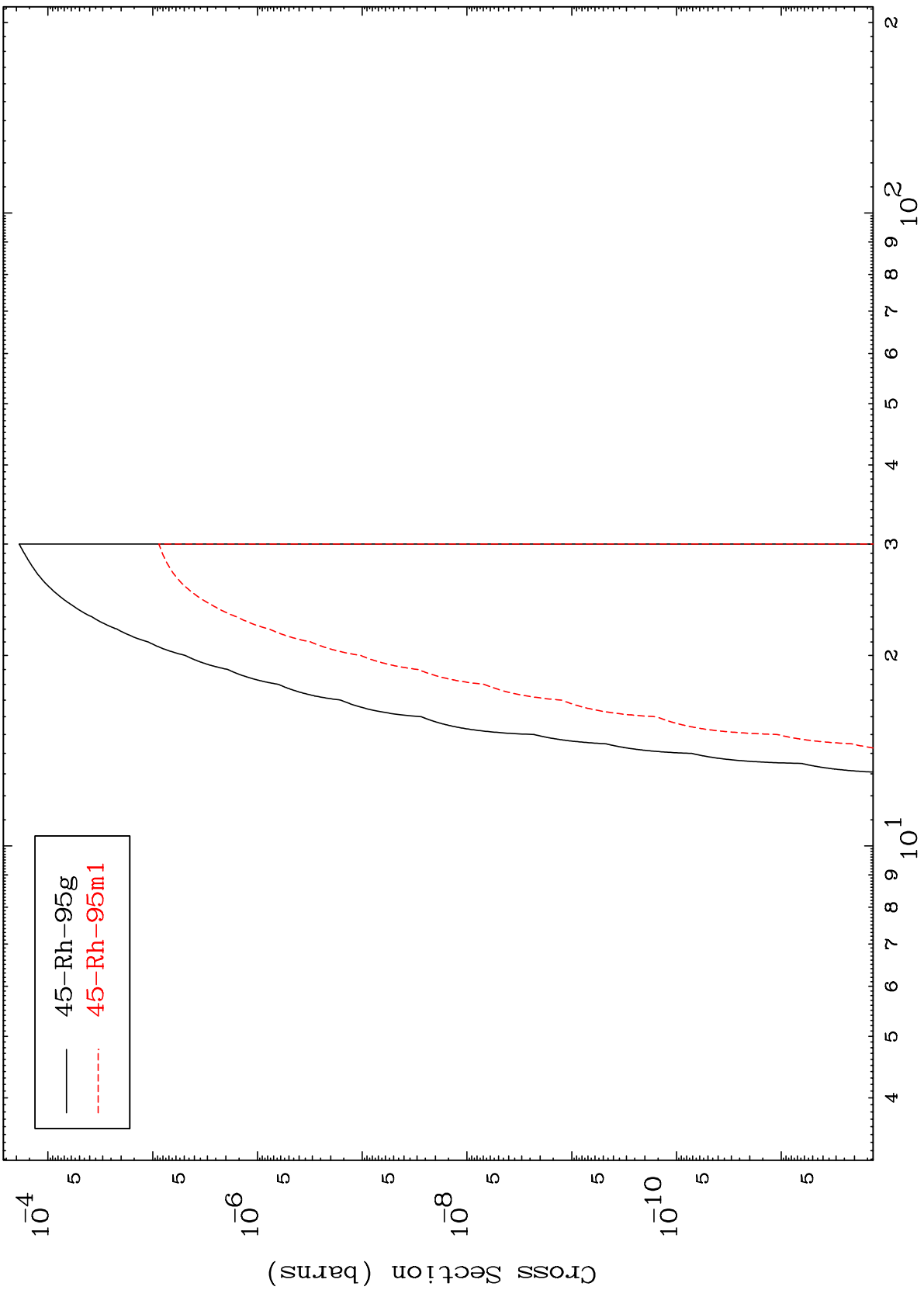
48-Cd-100

MAT 4807

(n,d) α

48-Cd-100

Radionuclide Production Cross Section



56

Incident Energy (MeV)

48-Cd-100