

Program EVALPLOT
(Version 2015-2)

by

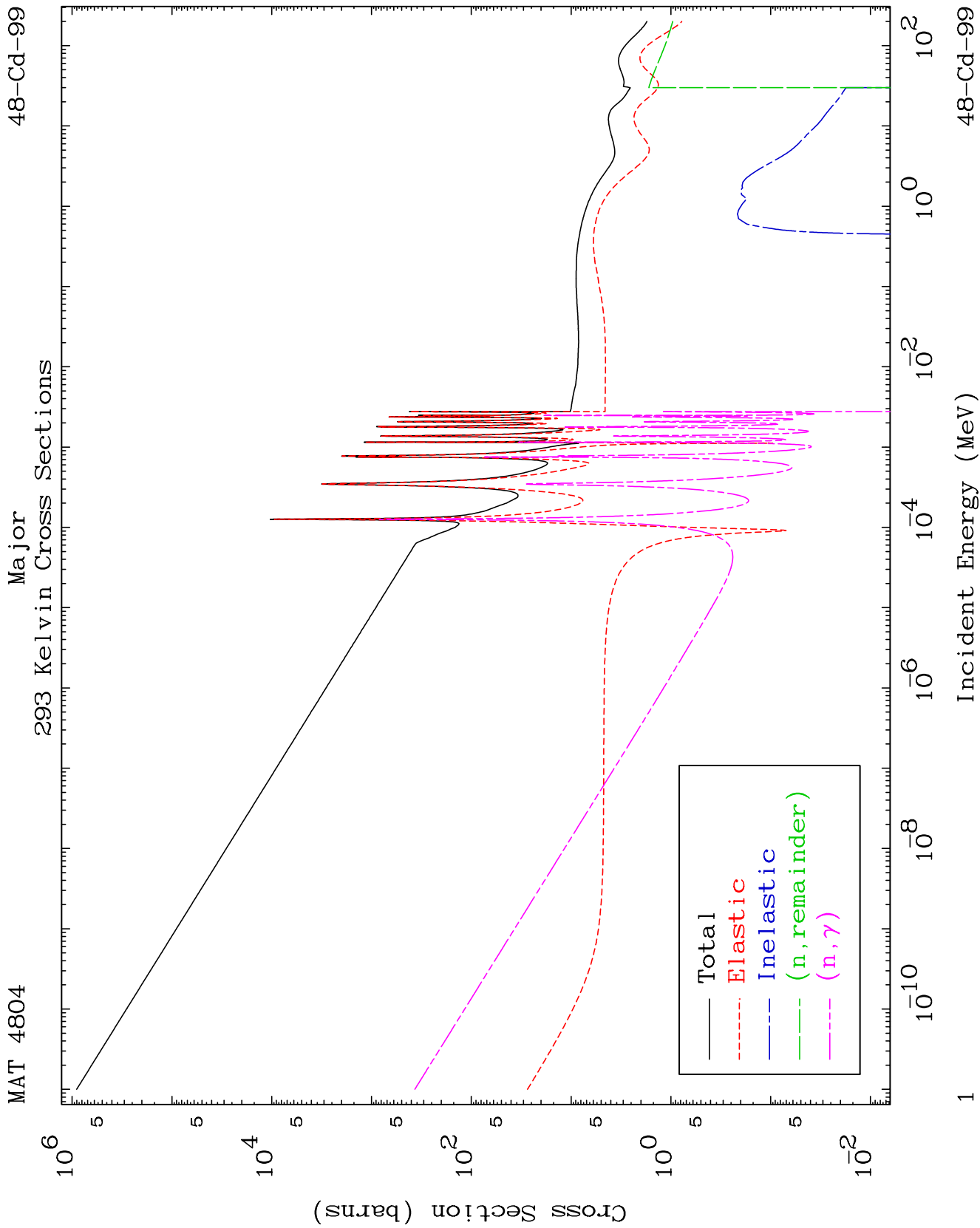
Dermott E. Cullen
(Present Contact Information)

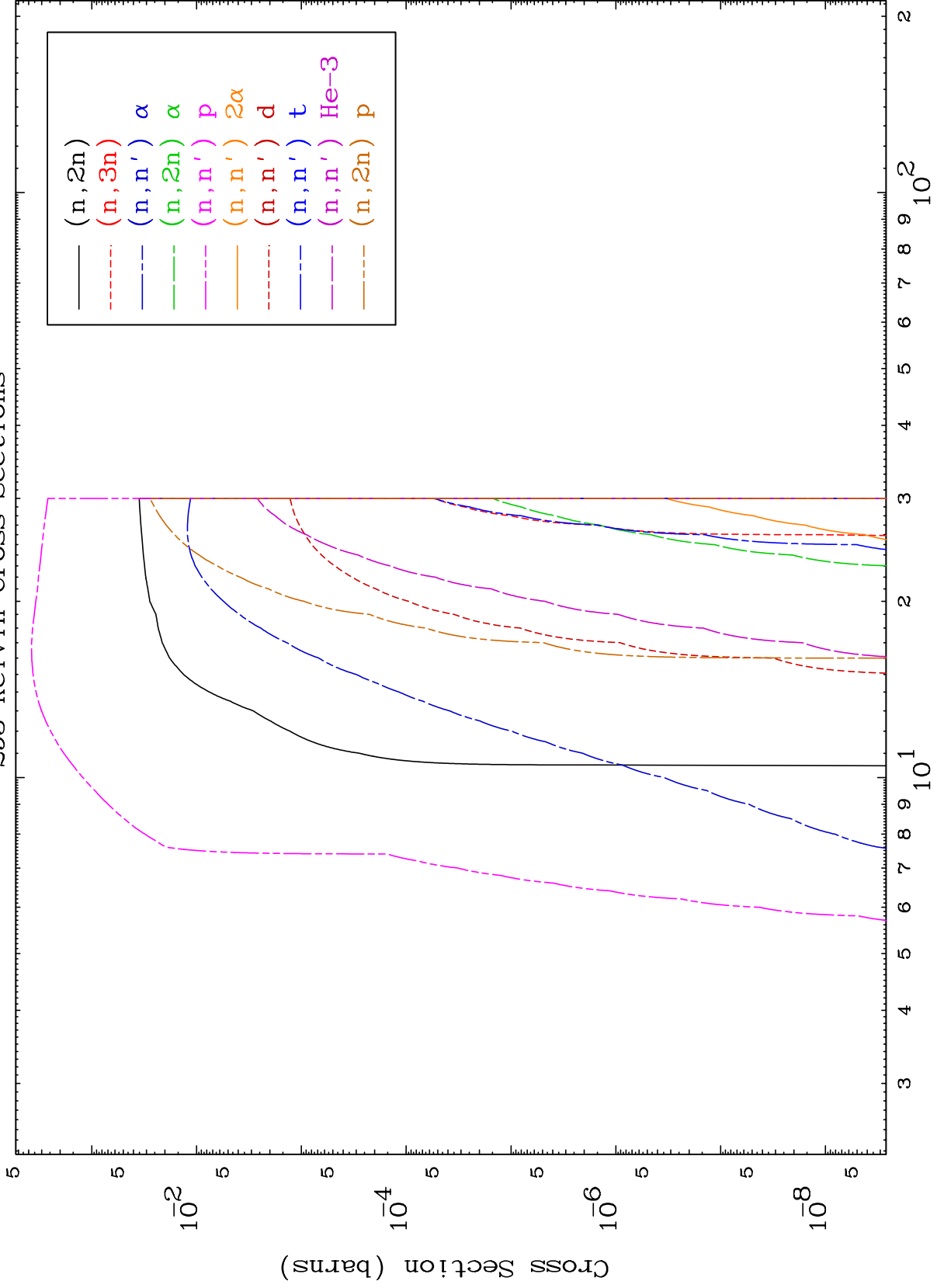
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

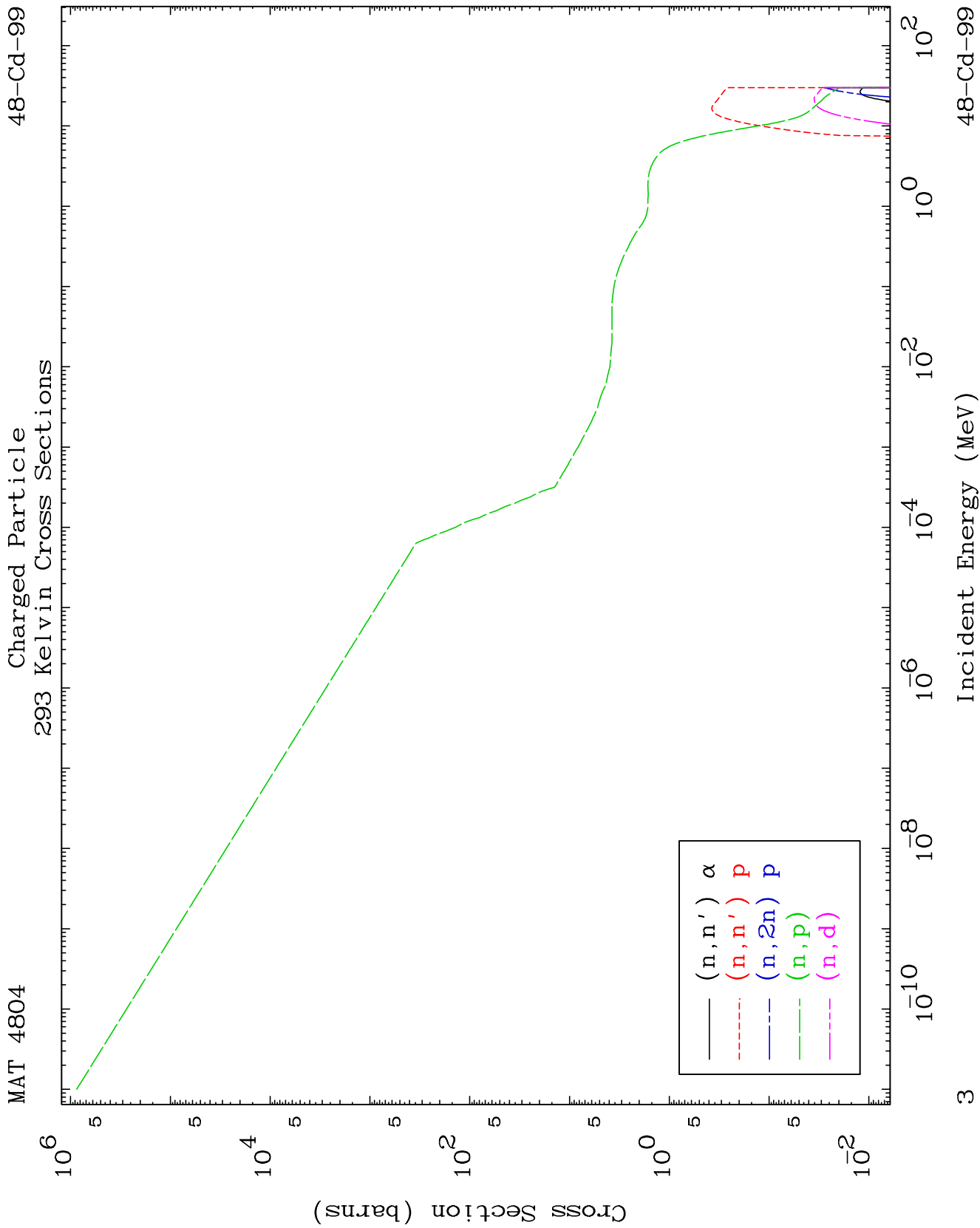
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start



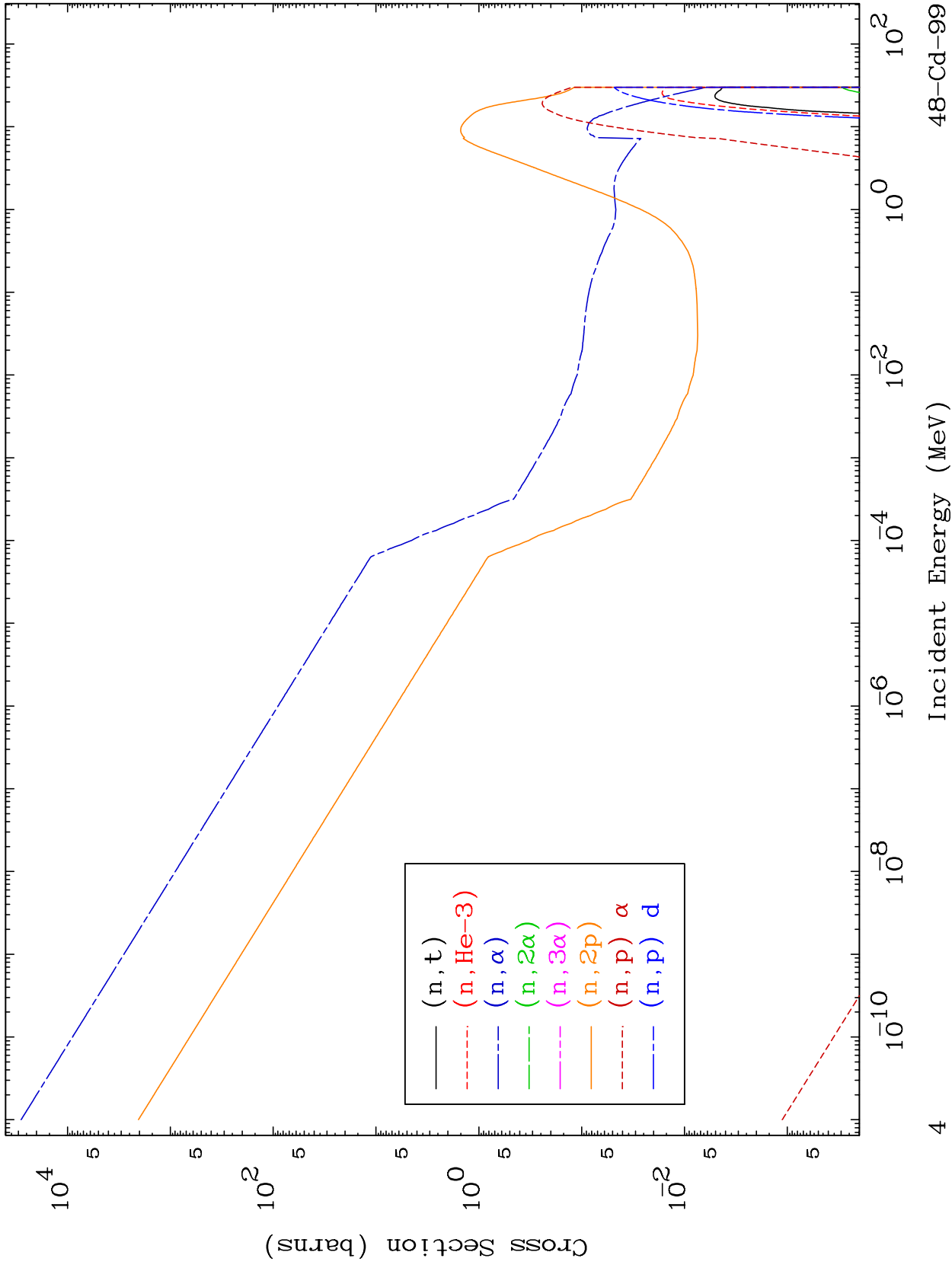




MAT 4804

Charged Particle
293 Kelvin Cross Sections

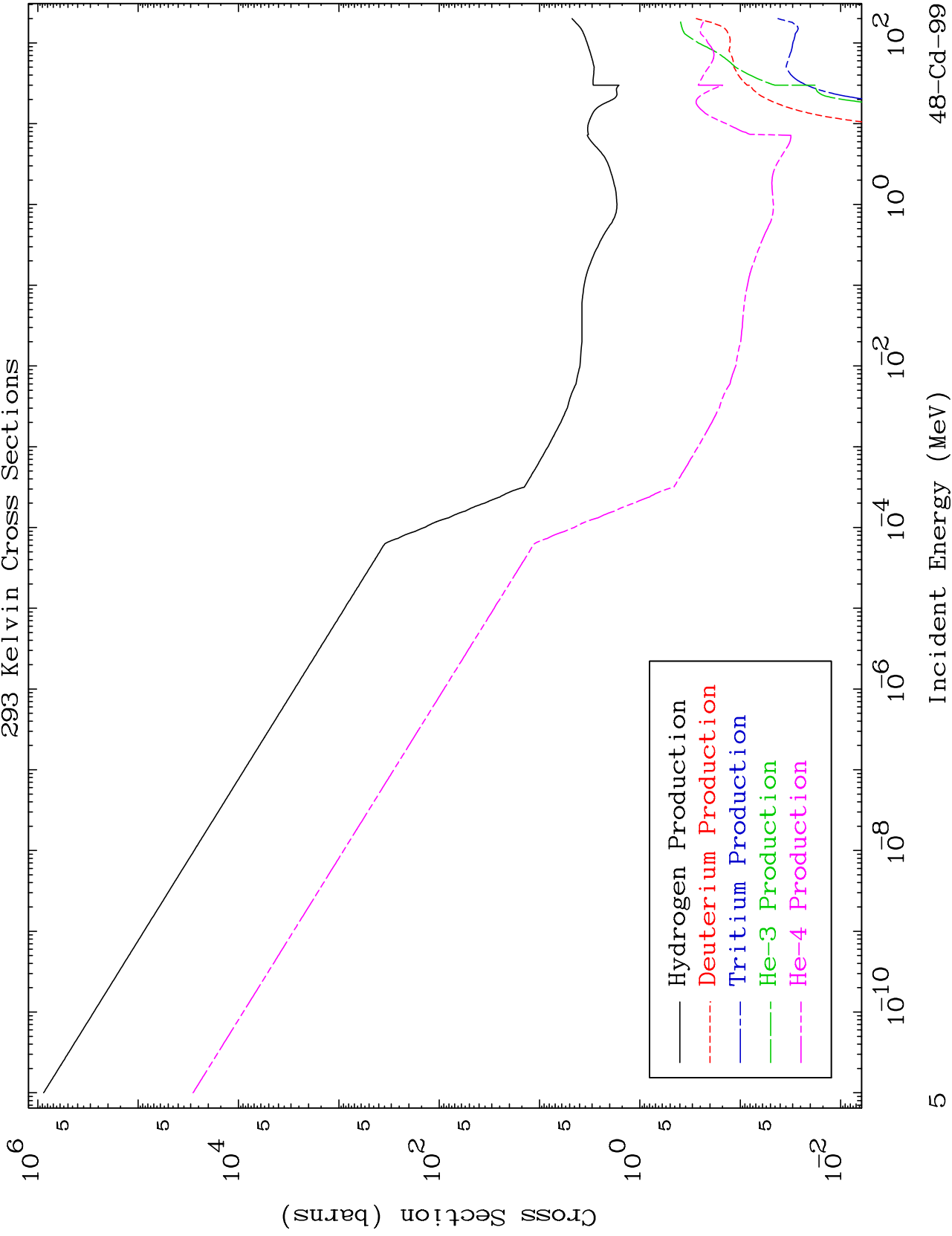
48-Cd-99



MAT 4804

Particle Production
293 Kelvin Cross Sections

48-Cd-99

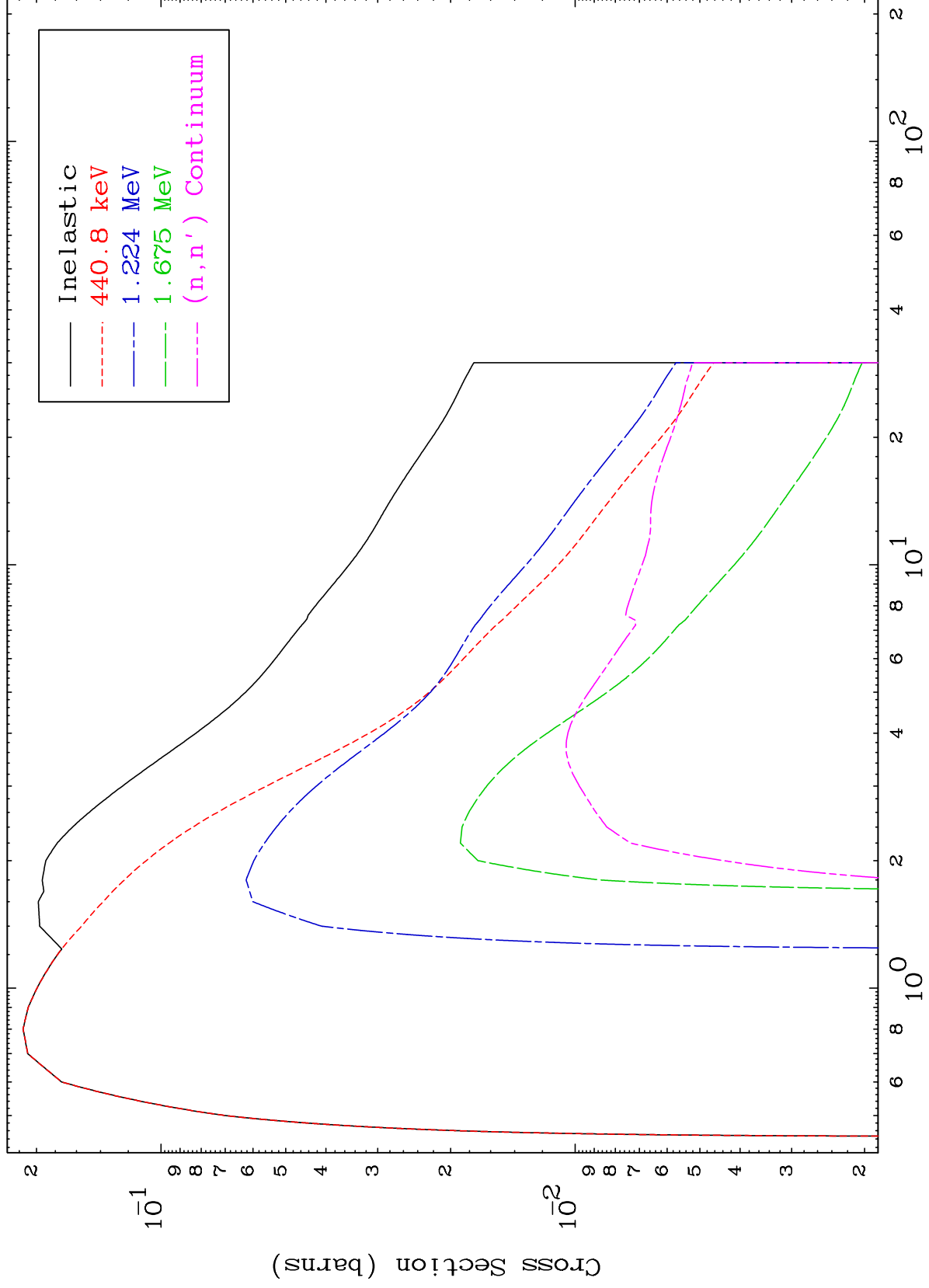


MAT 4804

(n,n') Level

48-Cd-99

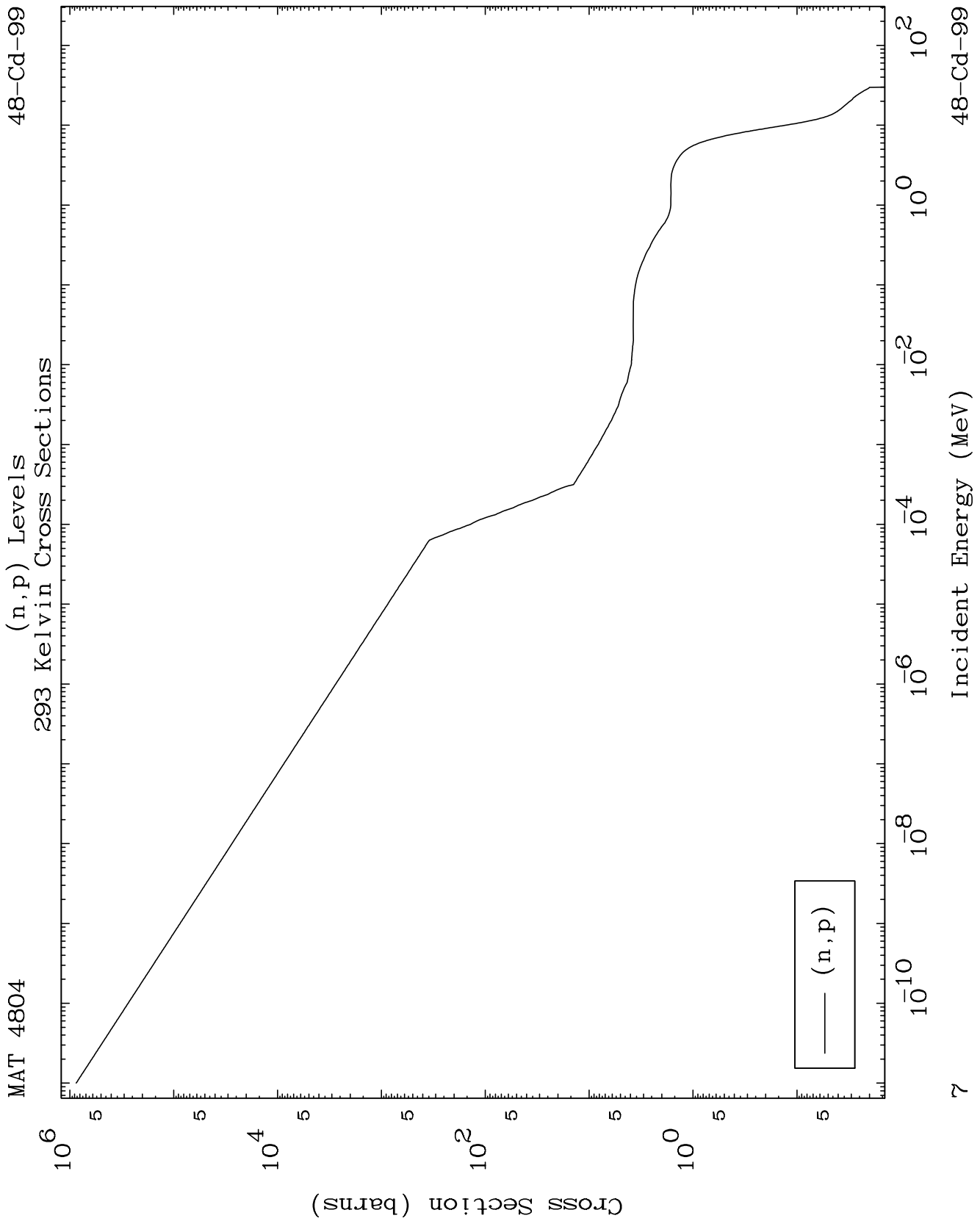
293 Kelvin Cross Sections



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Incident Energy (MeV)

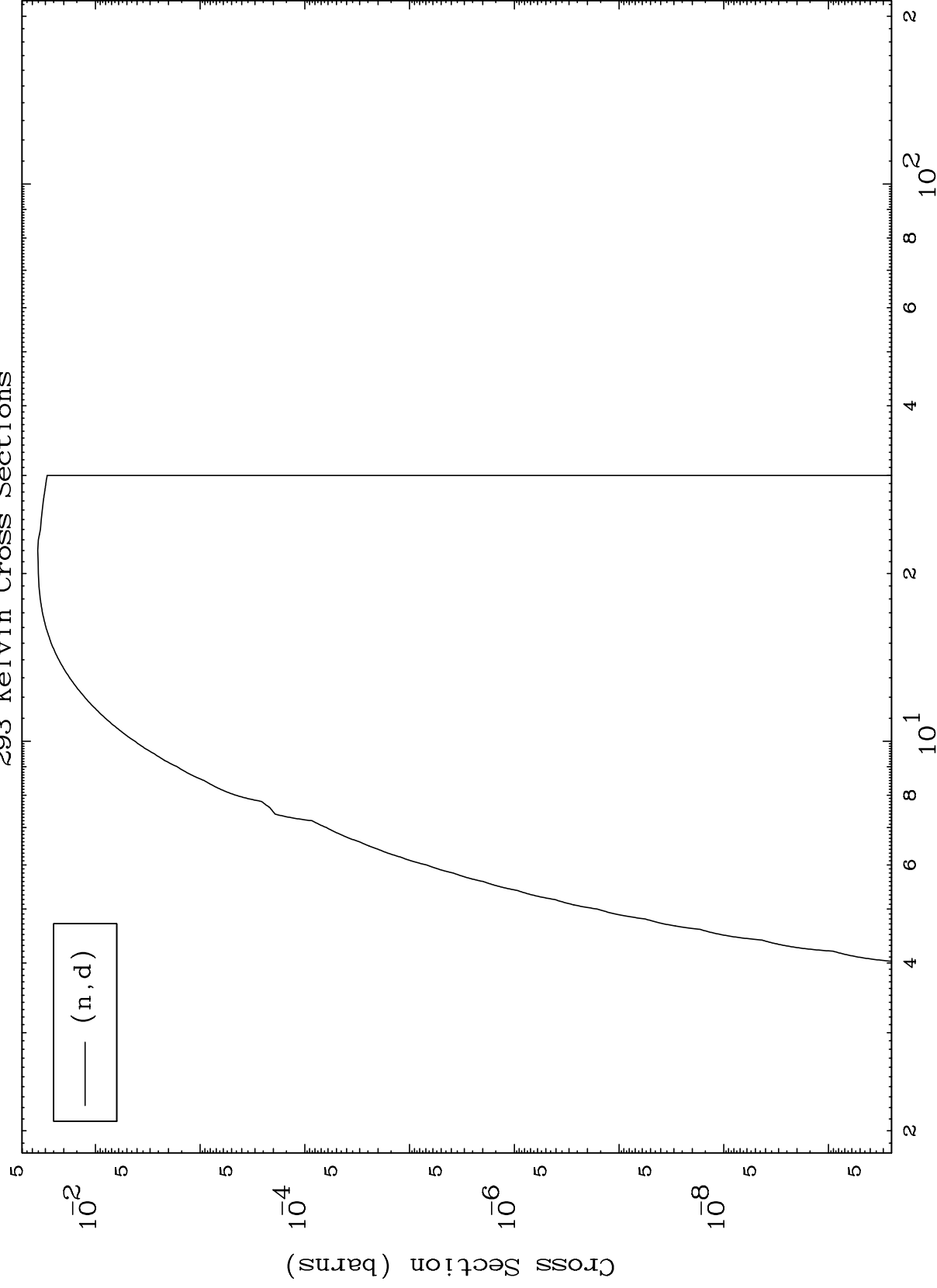
48-Cd-99



MAT 4804

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-99



8

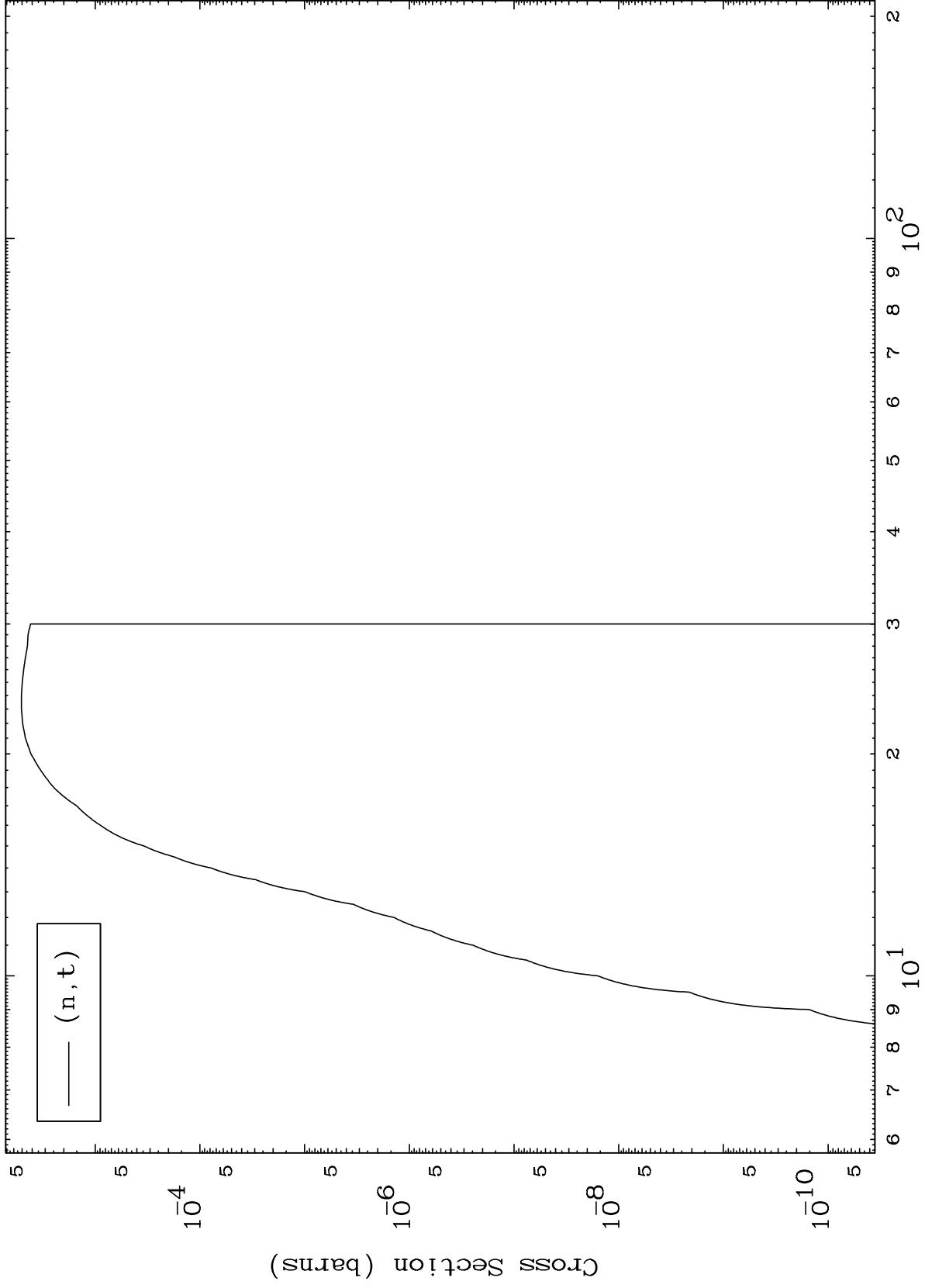
Incident Energy (MeV)

48-Cd-99

MAT 4804

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-99



9

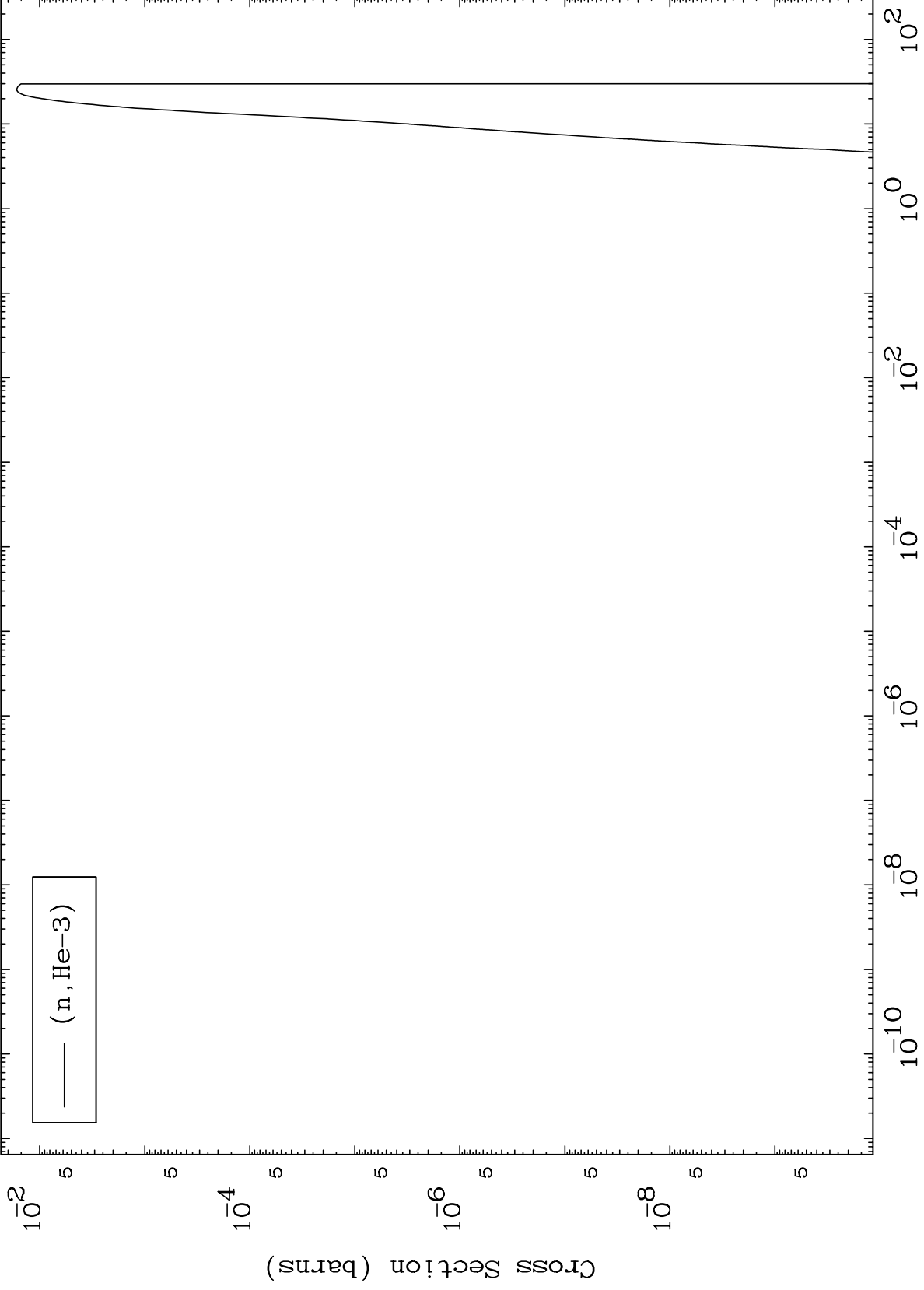
Incident Energy (MeV)

48-Cd-99

MAT 4804

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-99



10

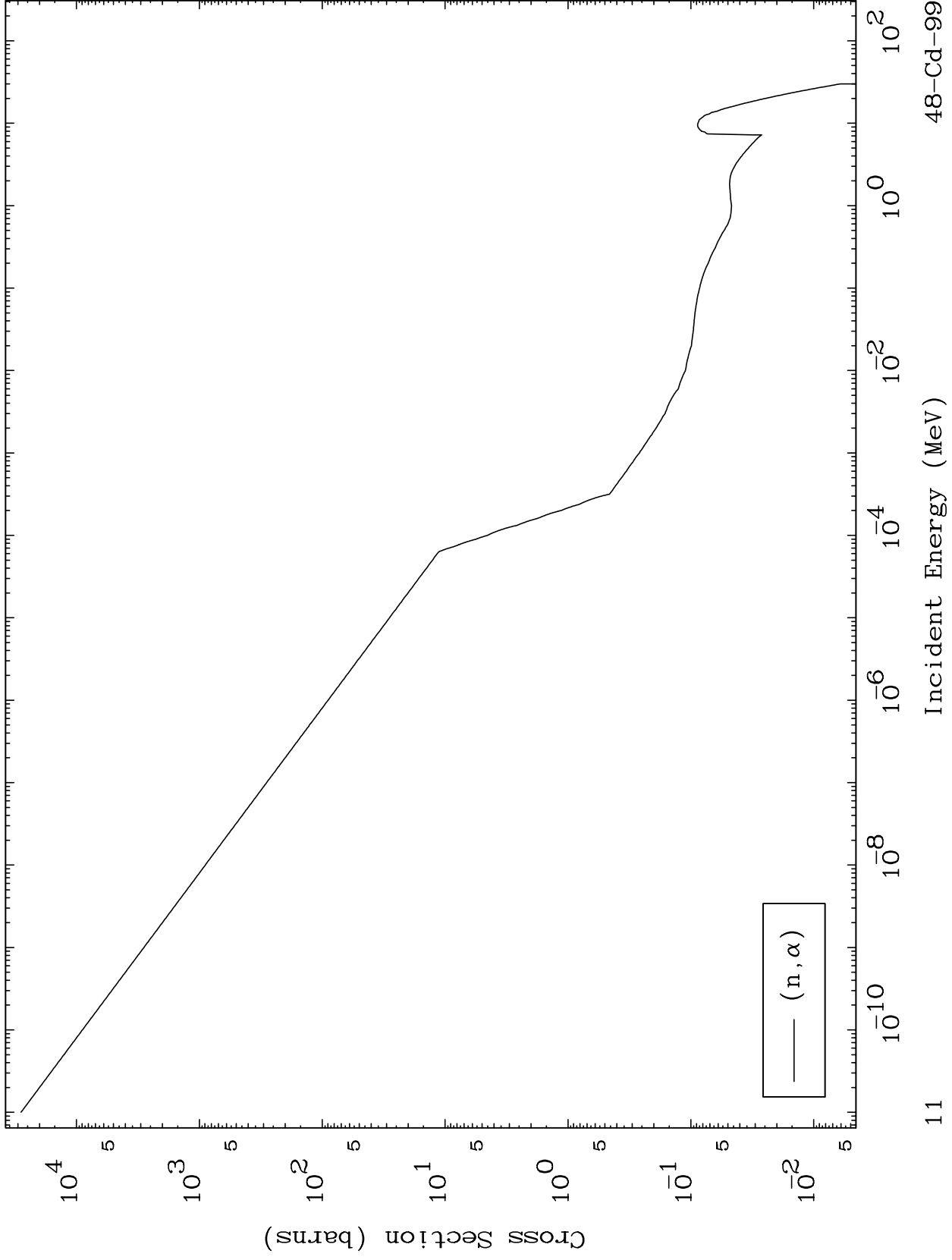
Incident Energy (MeV)

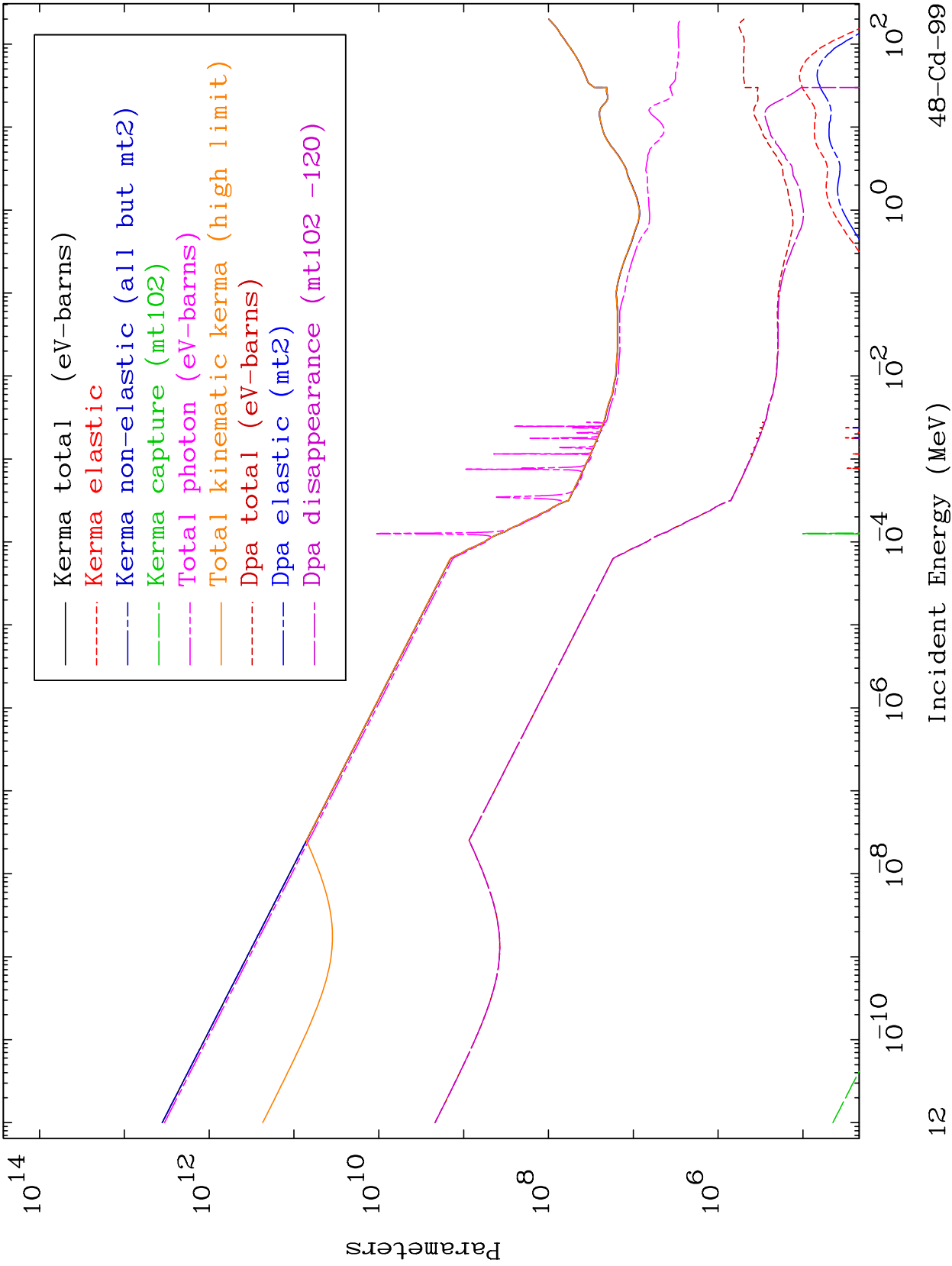
48-Cd-99

MAT 4804

(n,α) Levels
293 Kelvin Cross Sections

48-Cd-99

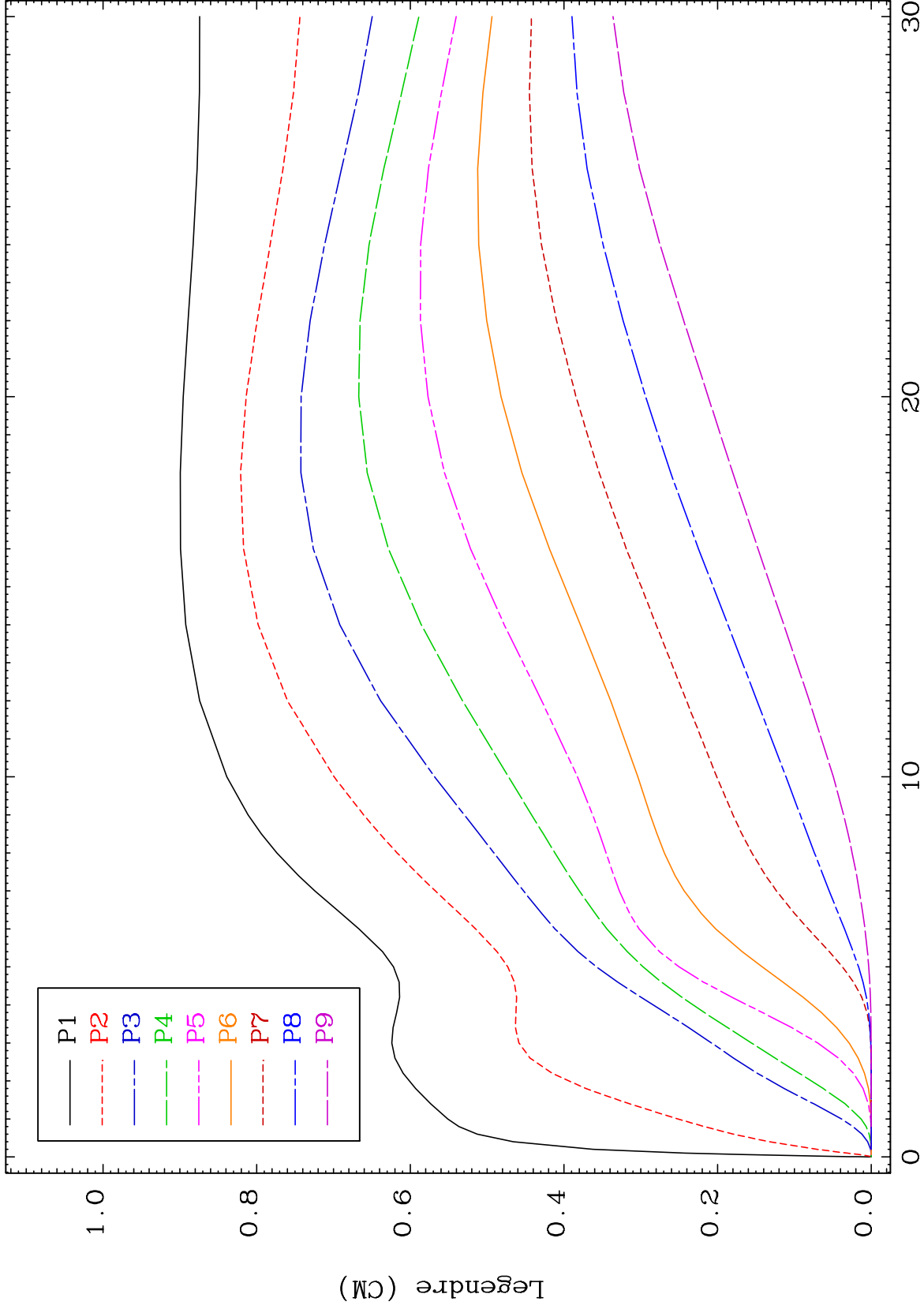




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Elastic Legendre Coefficients

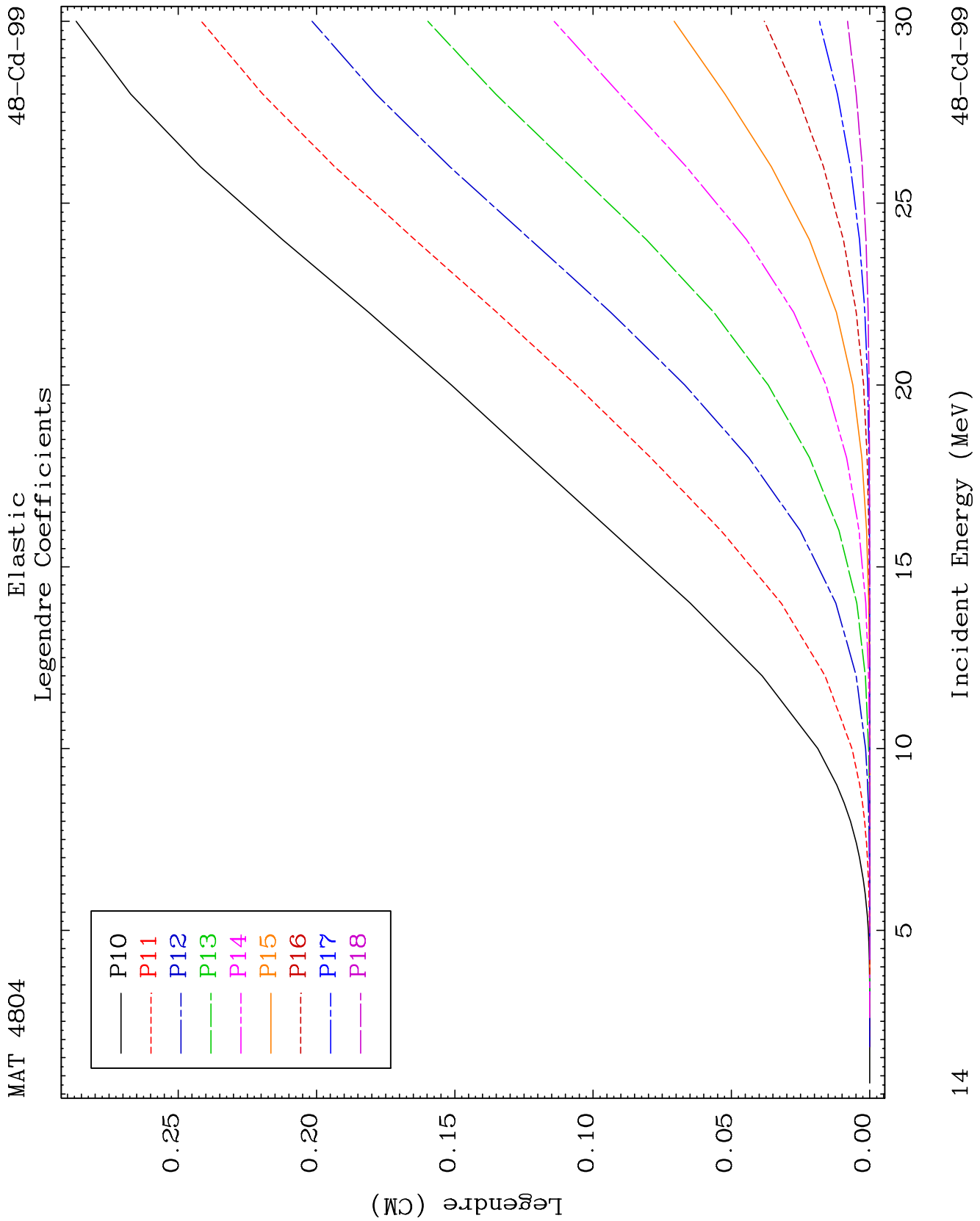
48-Cd-99

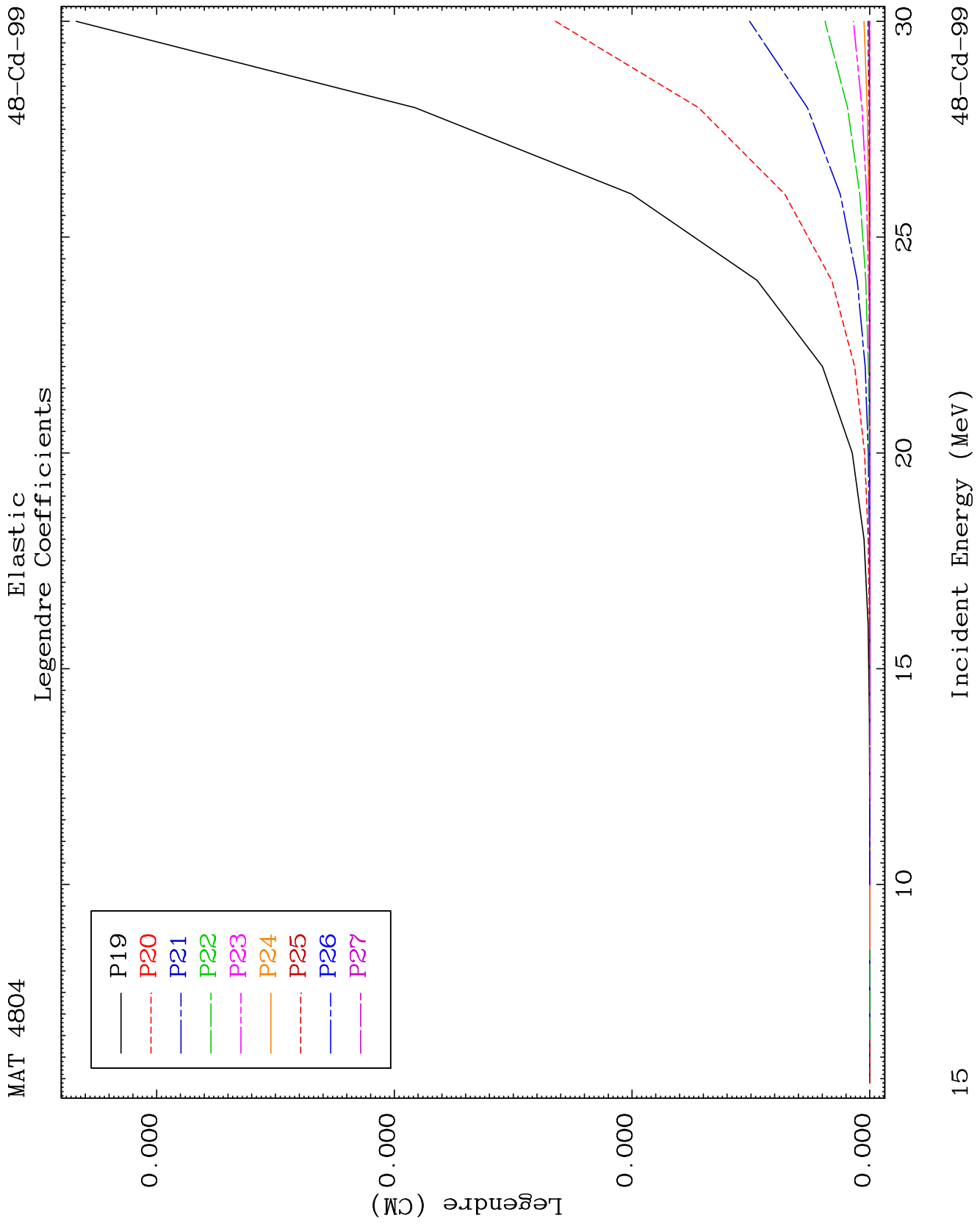


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Incident Energy (MeV)

48-Cd-99



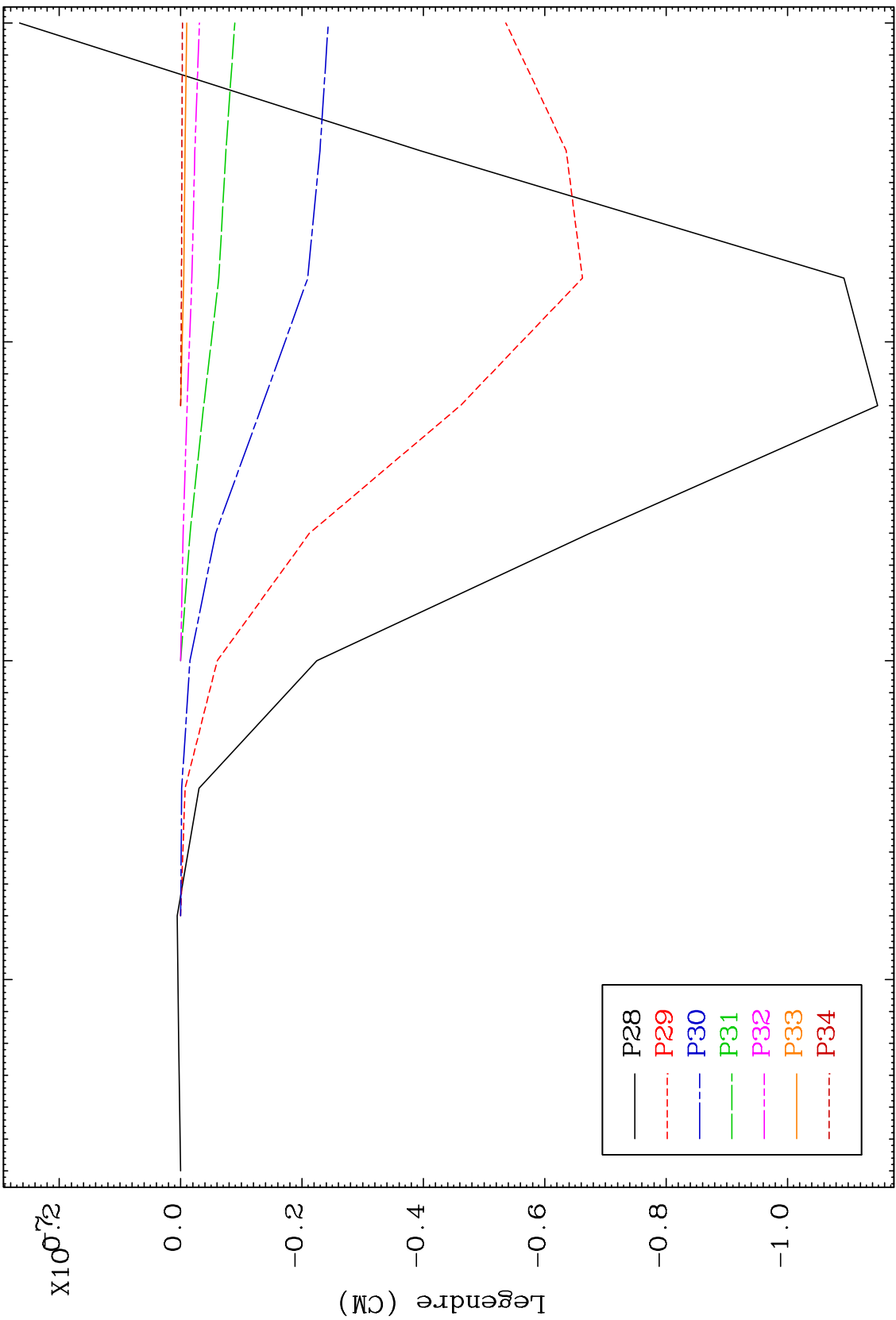


MAT 4804

Elastic Legendre Coefficients

48-Cd-99

$\times 10^{-2}$



15

20

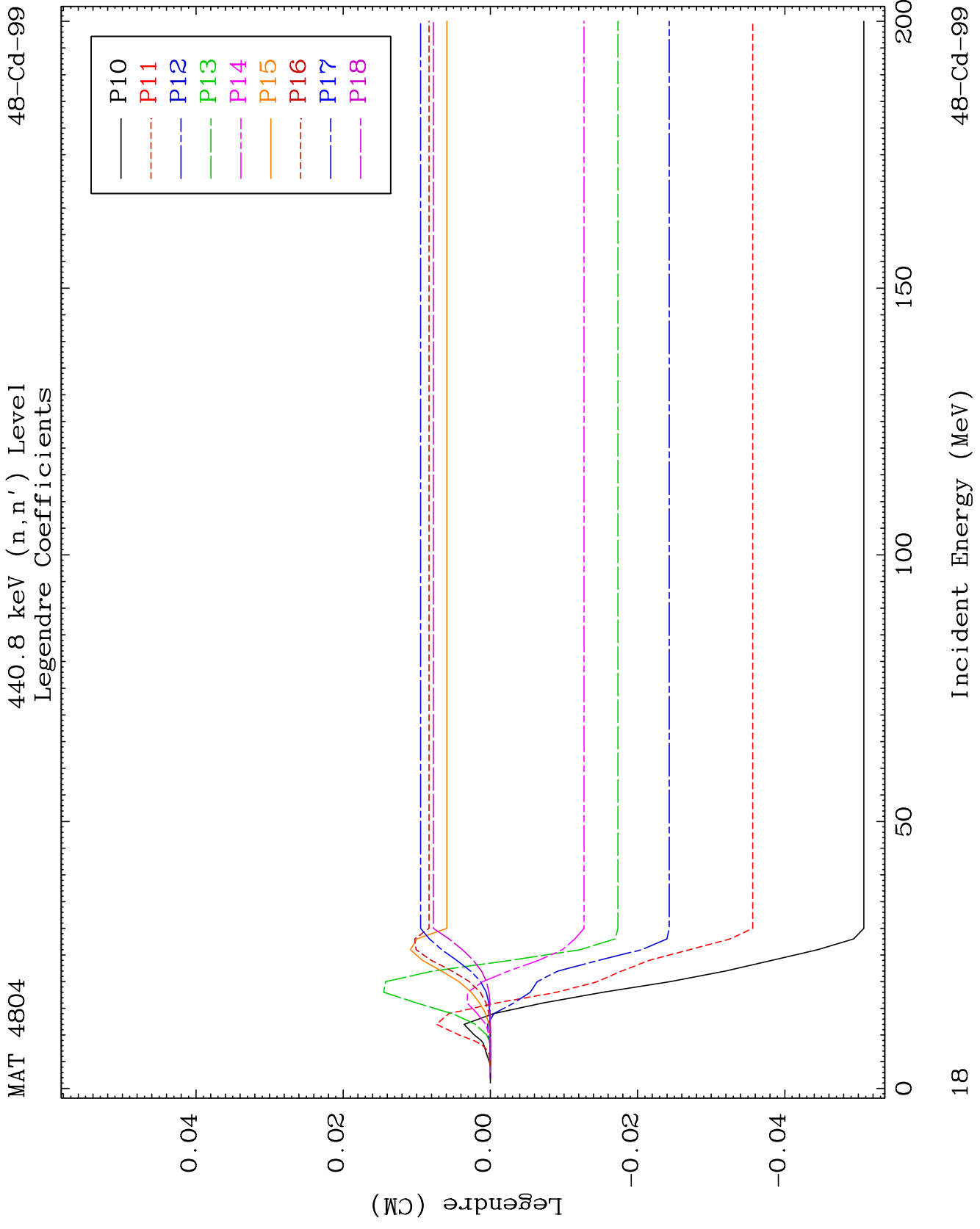
25

30

16

Incident Energy (MeV)

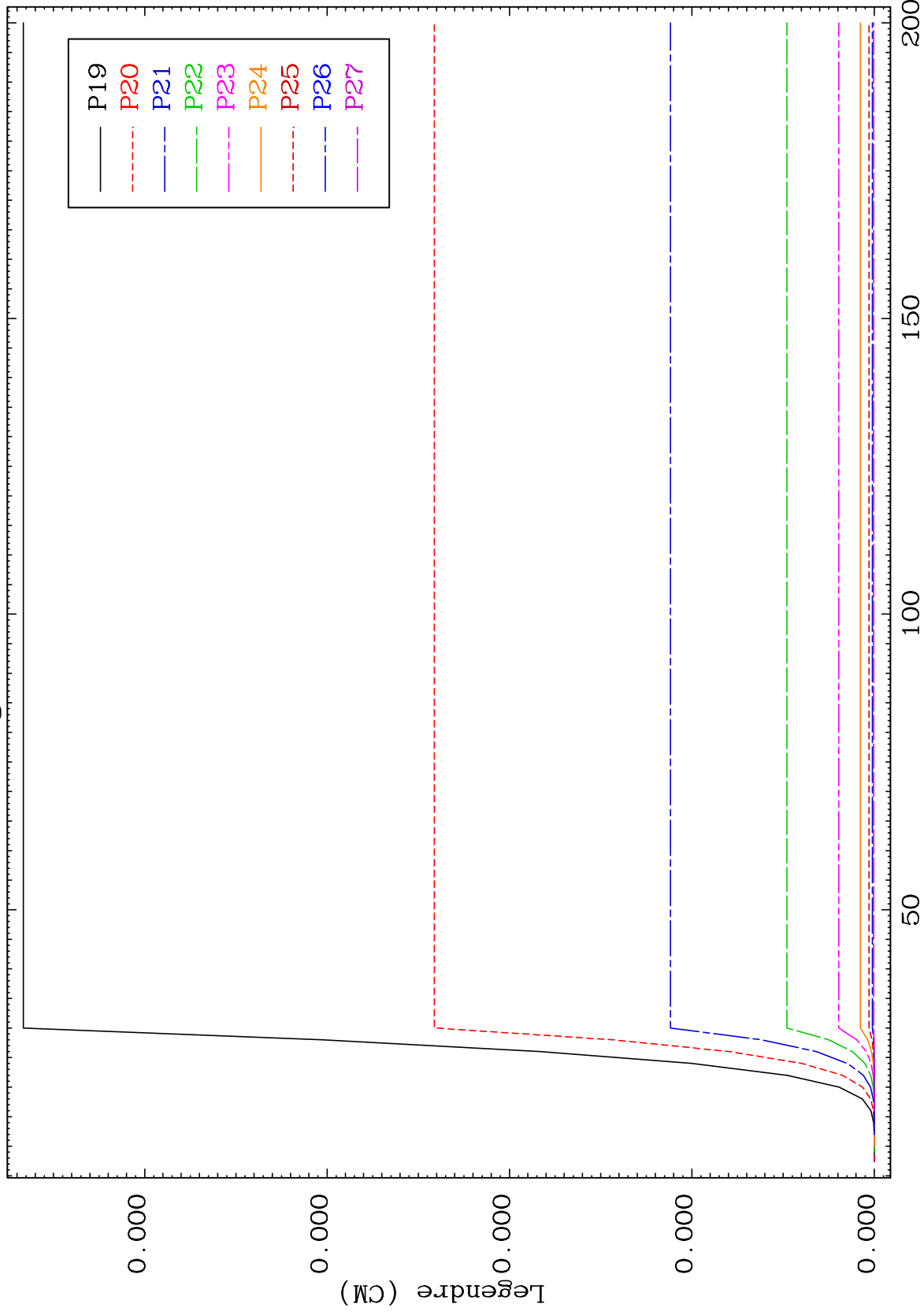
48-Cd-99



MAT 4804

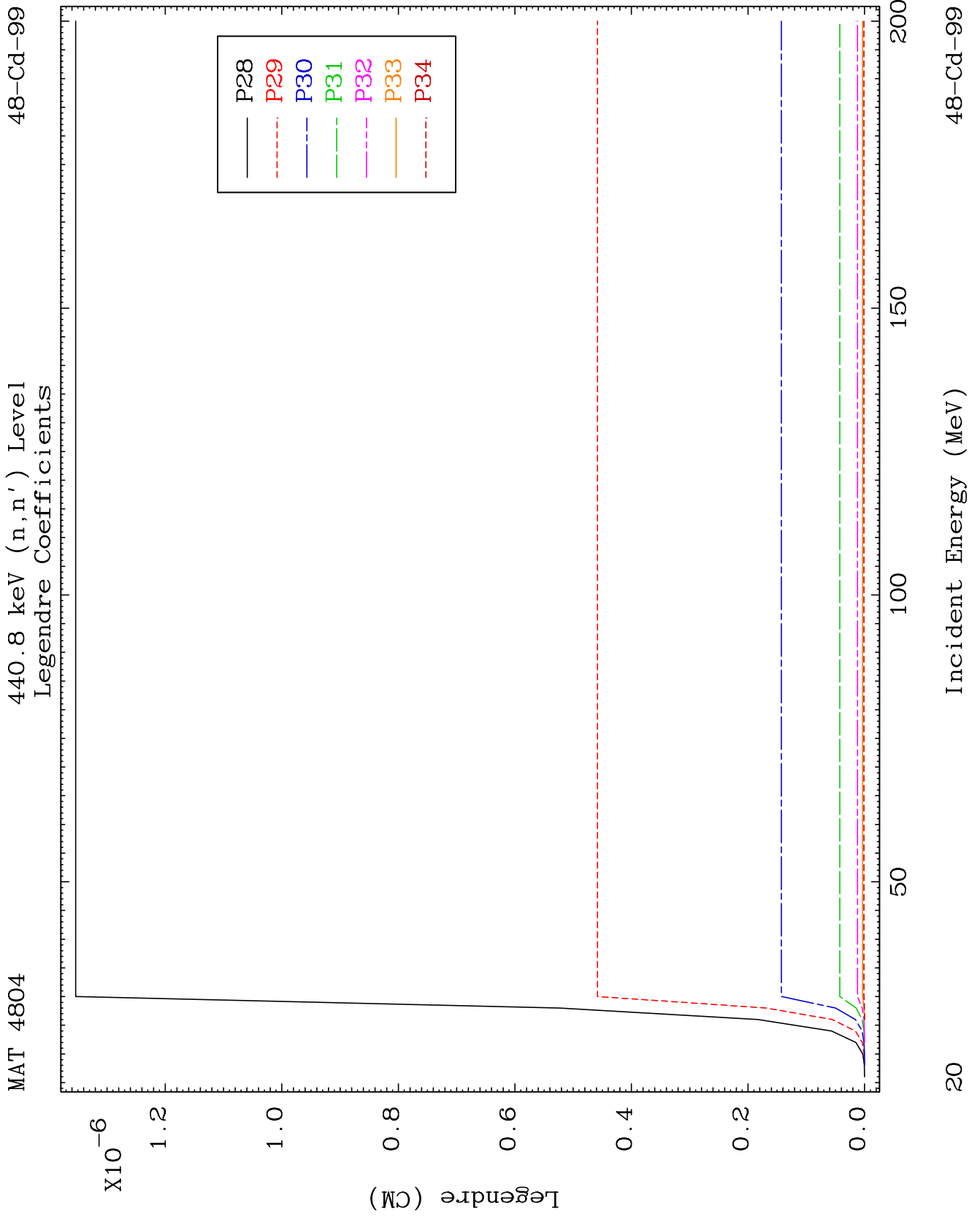
440.8 keV (n,n') Level
Legendre Coefficients

48-Cd-99



19

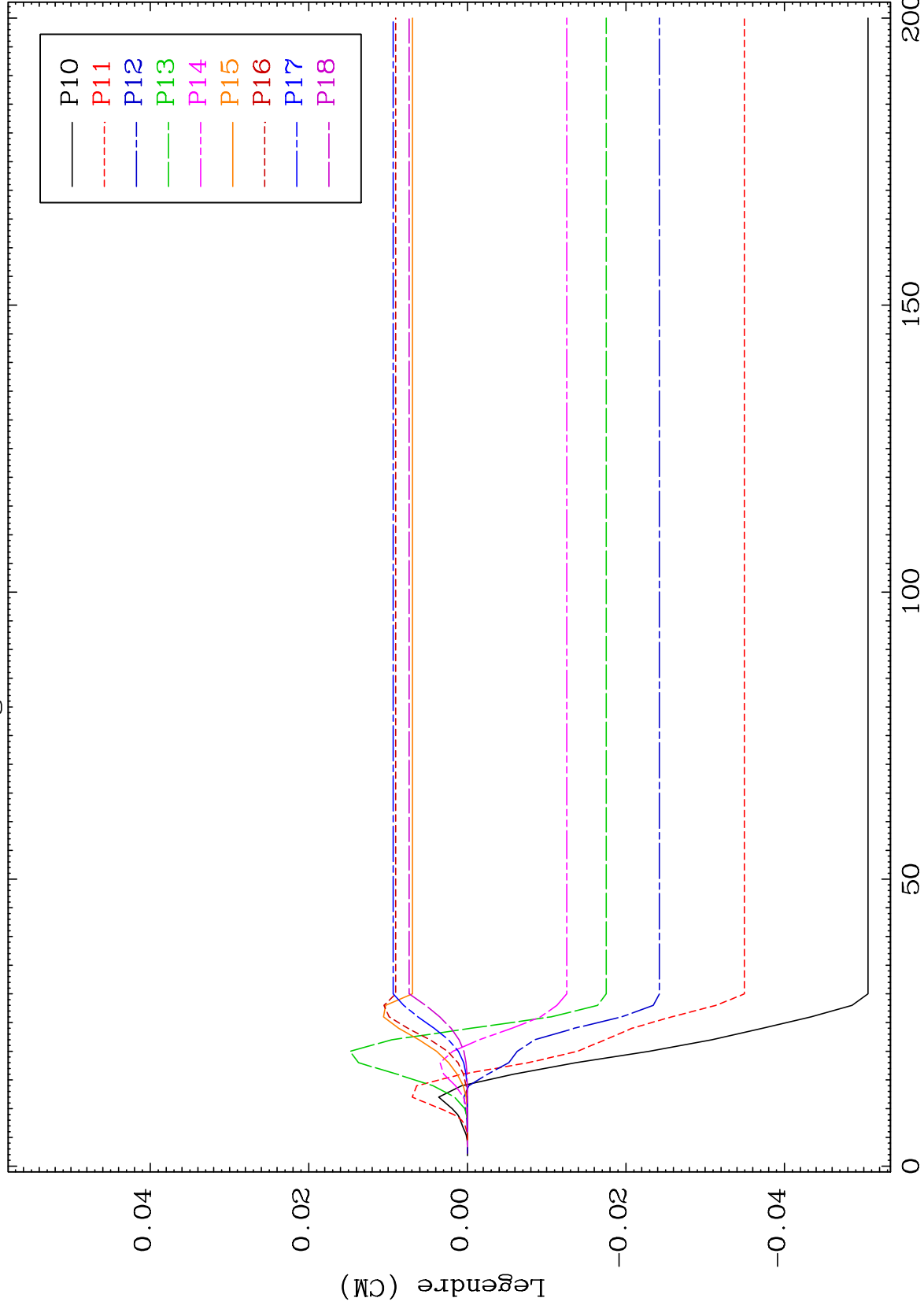
48-Cd-99



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1.224 MeV (n,n') Level
Legendre Coefficients

48-Cd-99



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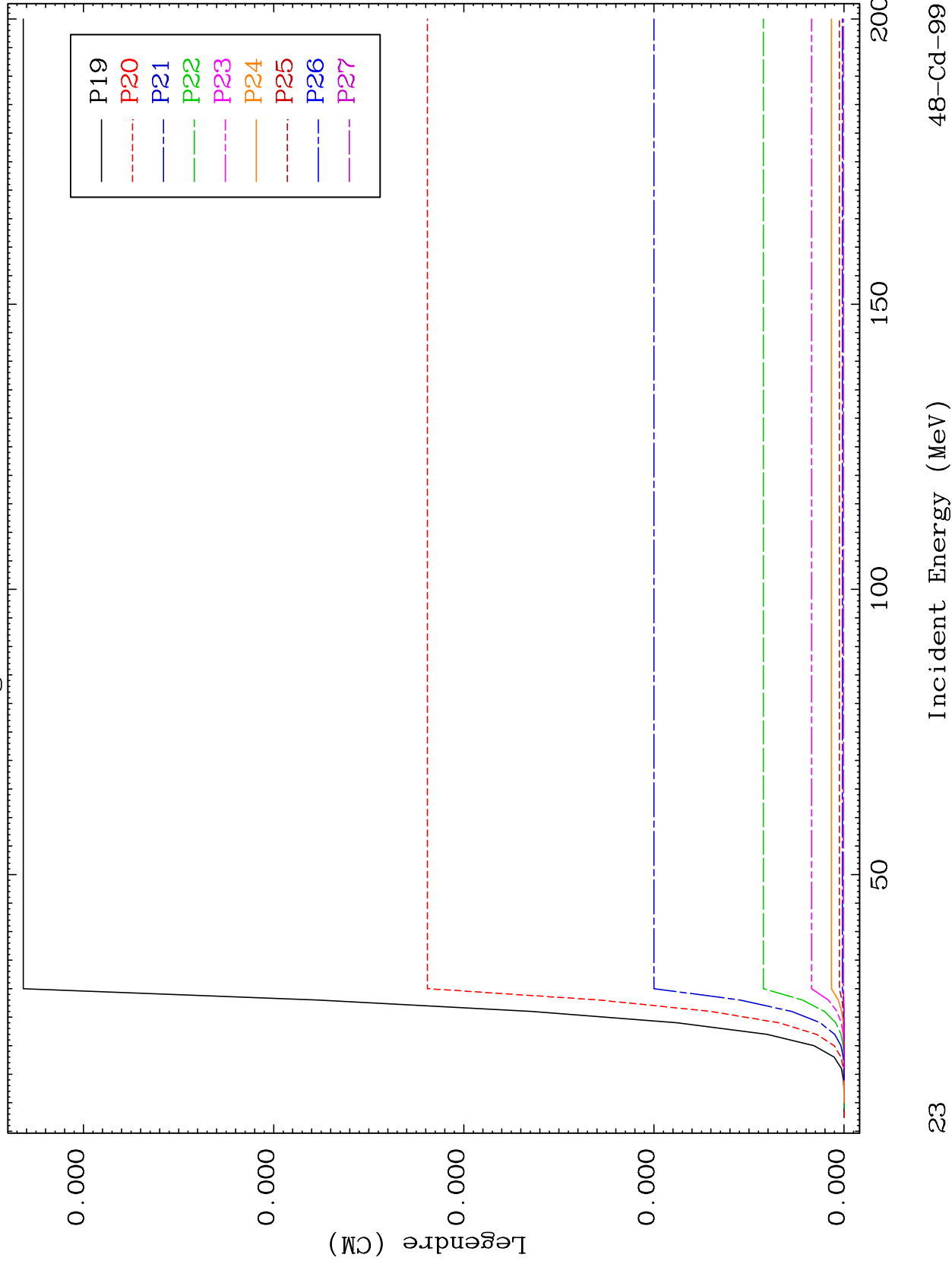
Incident Energy (MeV)

48-Cd-99

MAT 4804

1.224 MeV (n,n') Level
Legendre Coefficients

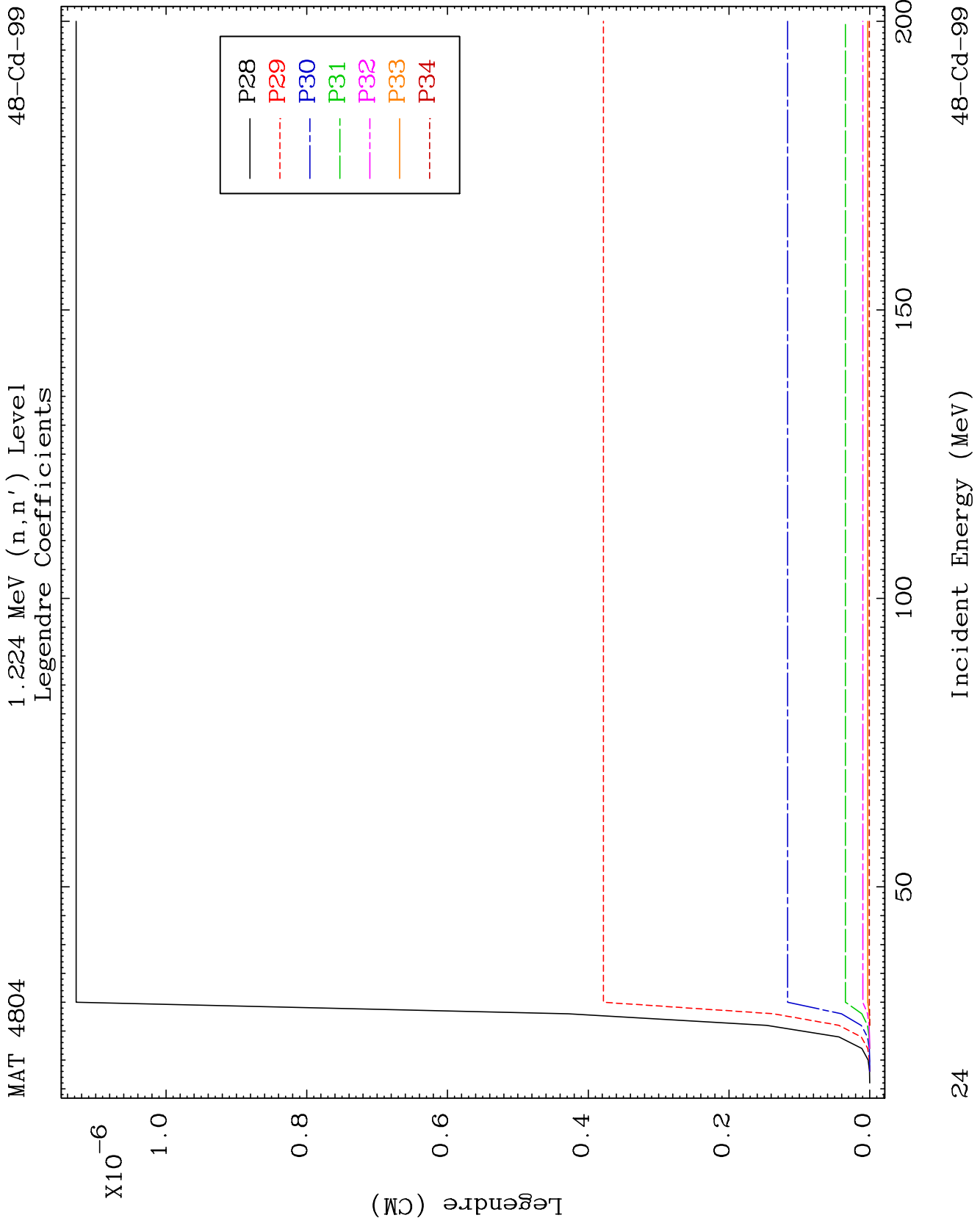
48-Cd-99

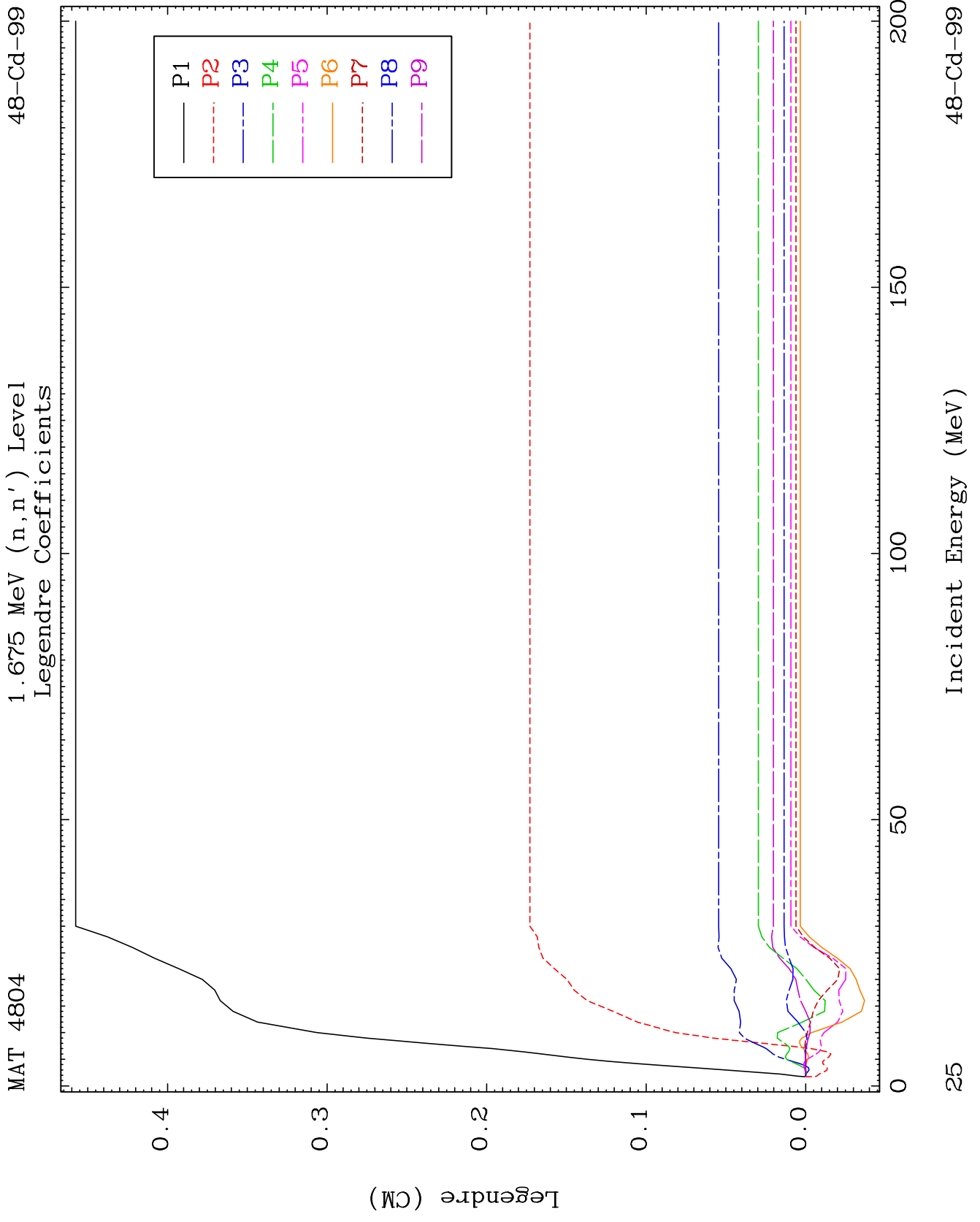


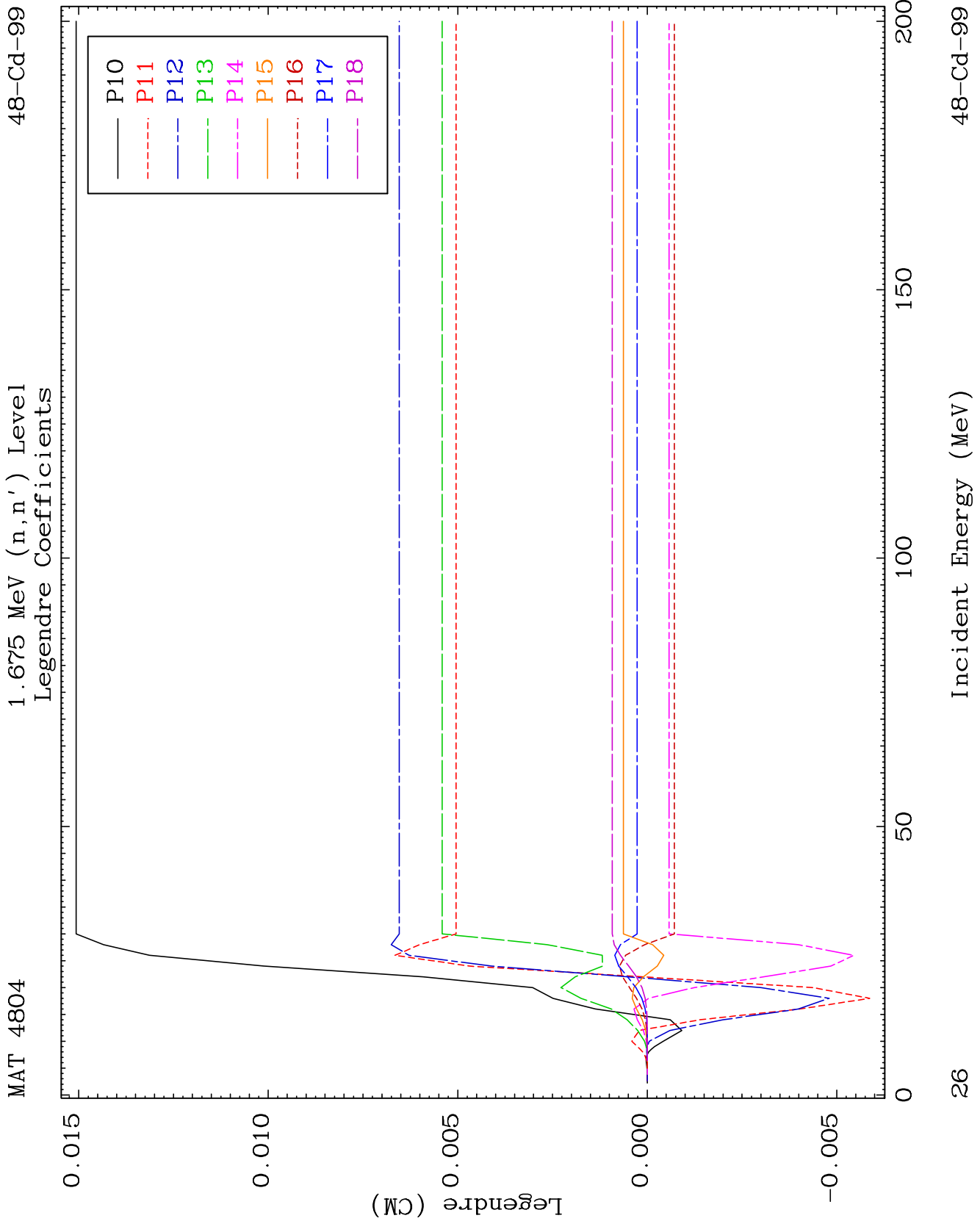
23

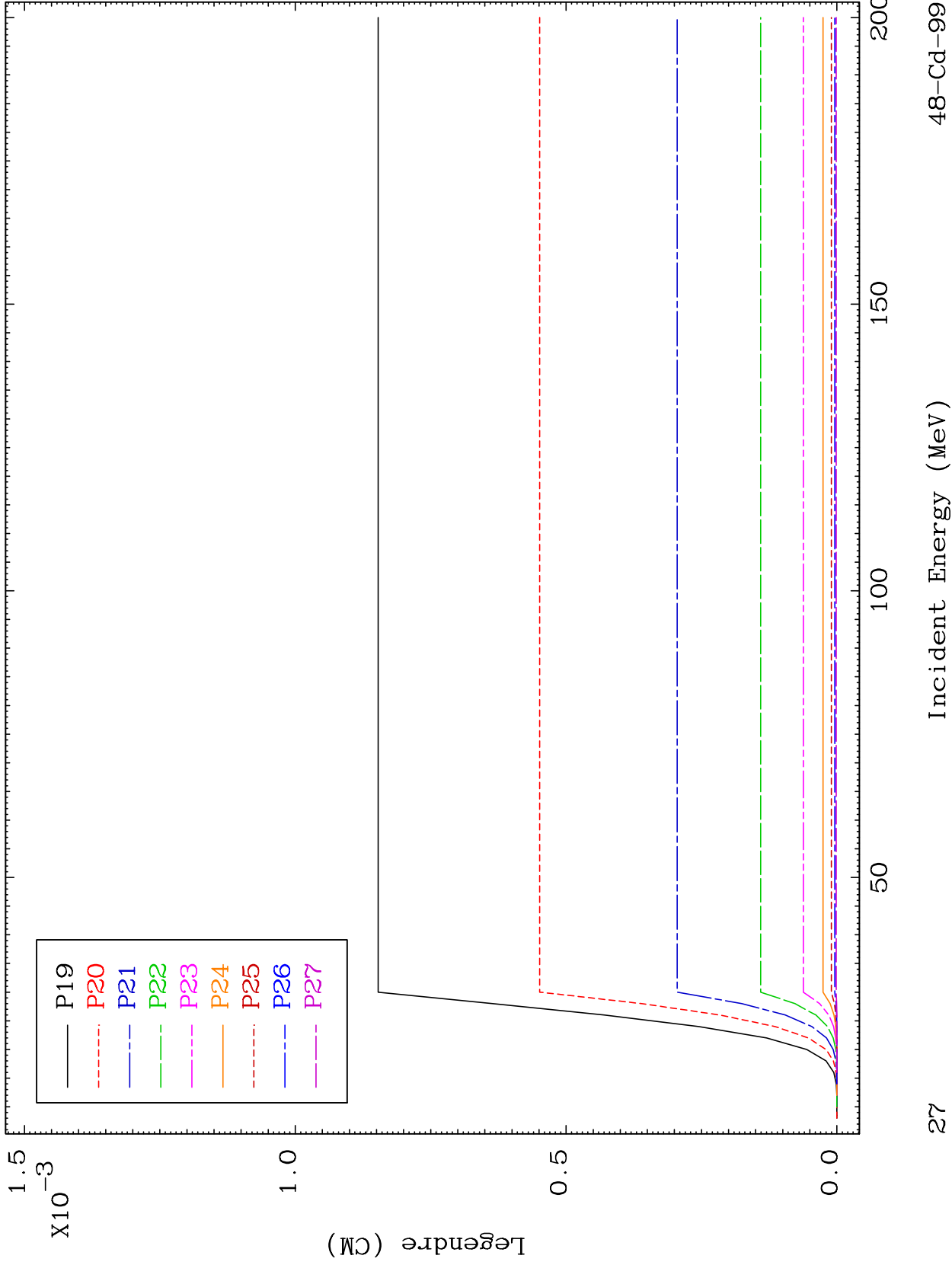
Incident Energy (MeV)

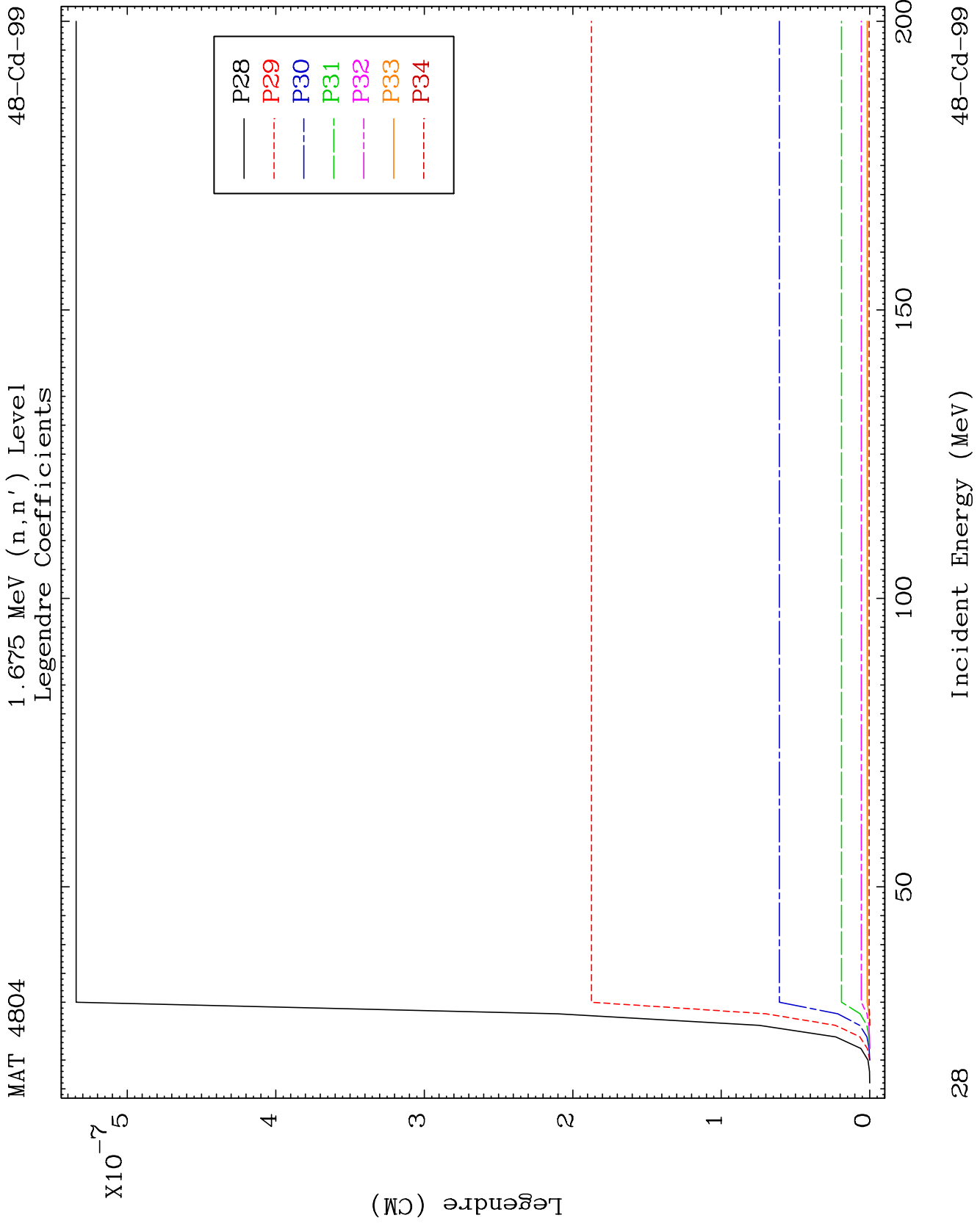
48-Cd-99









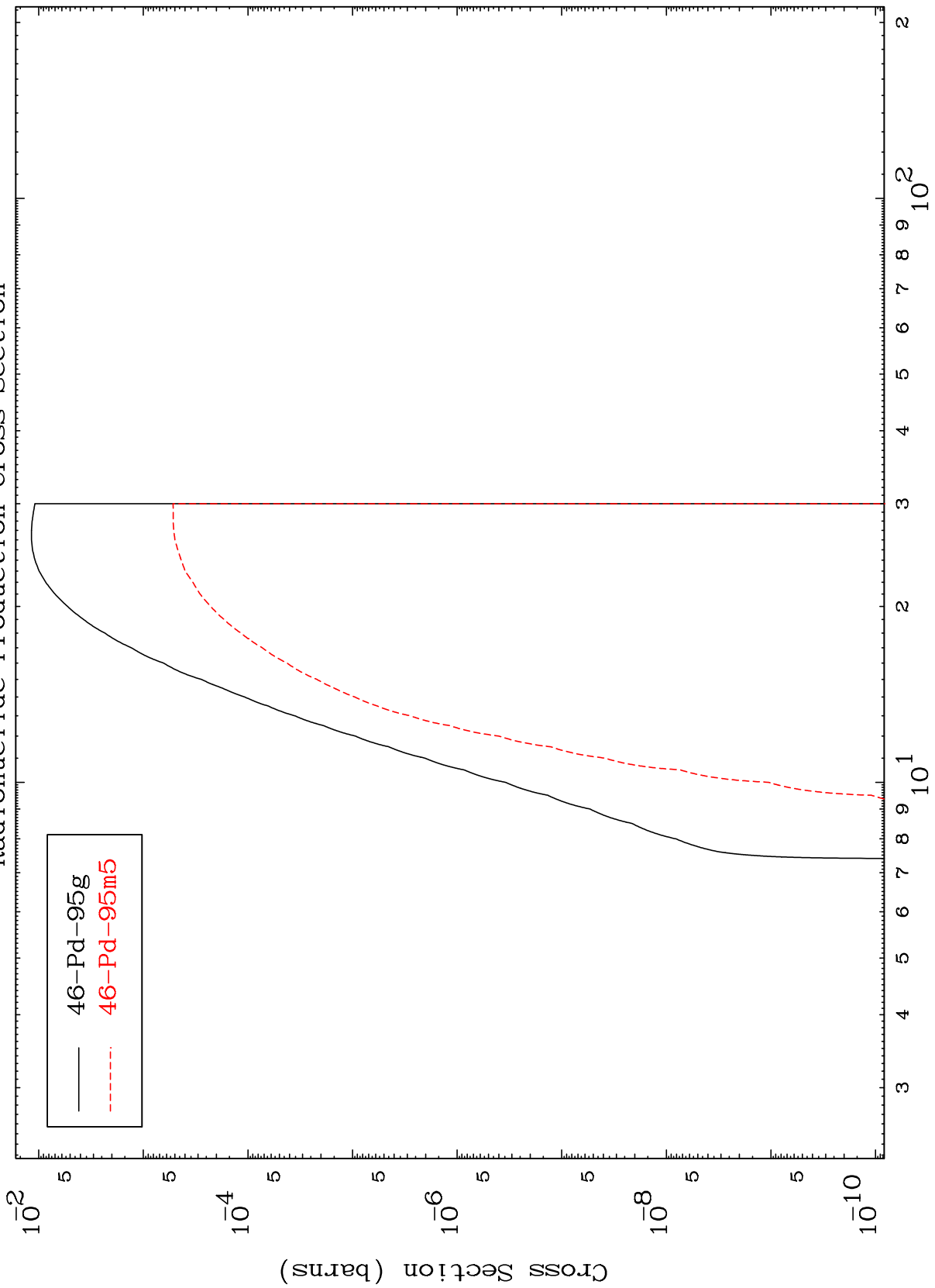


MAT 4804

(n,n') α

48-Cd-99

Radionuclide Production Cross Section



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Incident Energy (MeV)

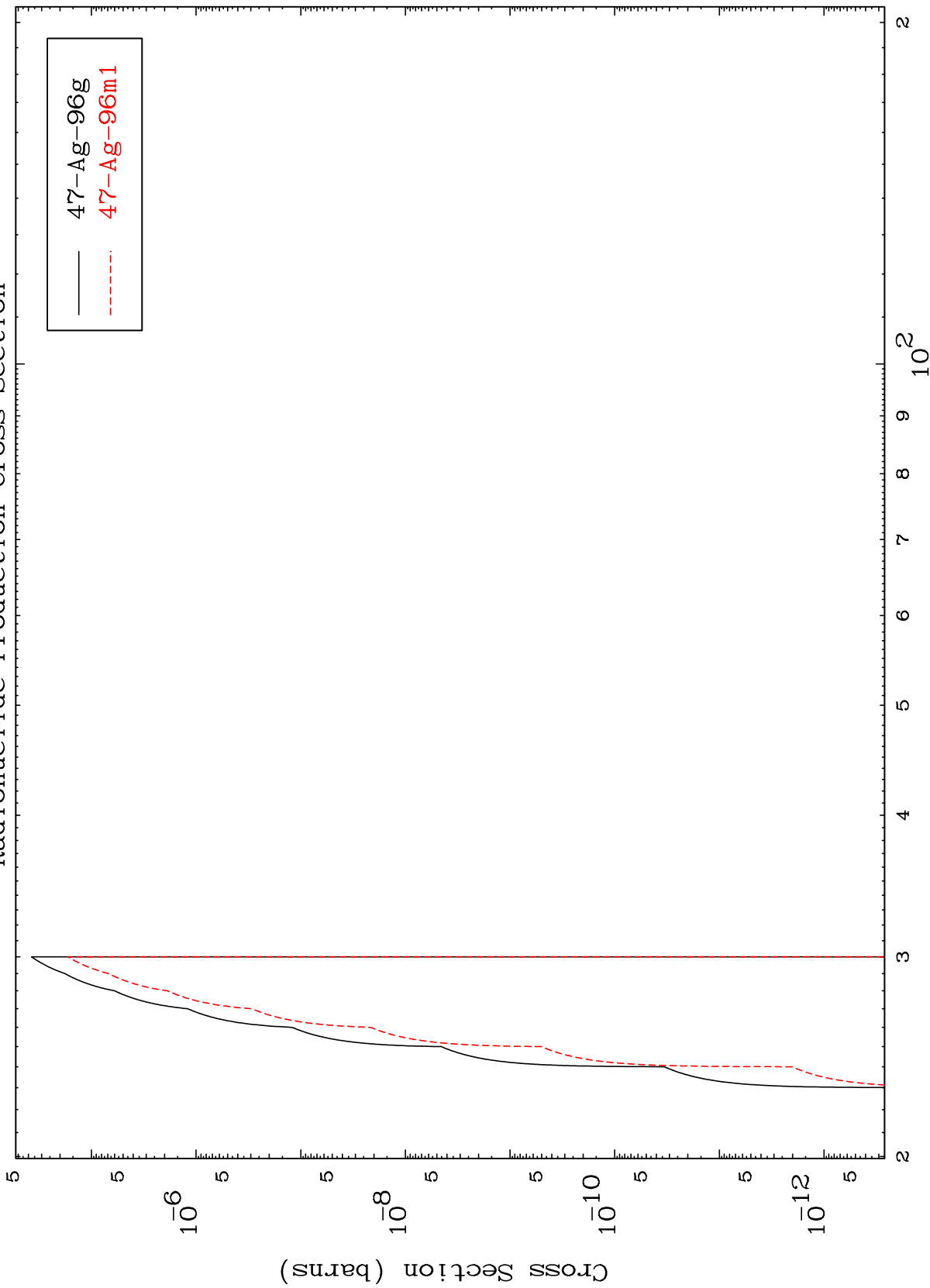
48-Cd-99

MAT 4804

(n,n') t

48-Cd-99

Radionuclide Production Cross Section



30

Incident Energy (MeV)

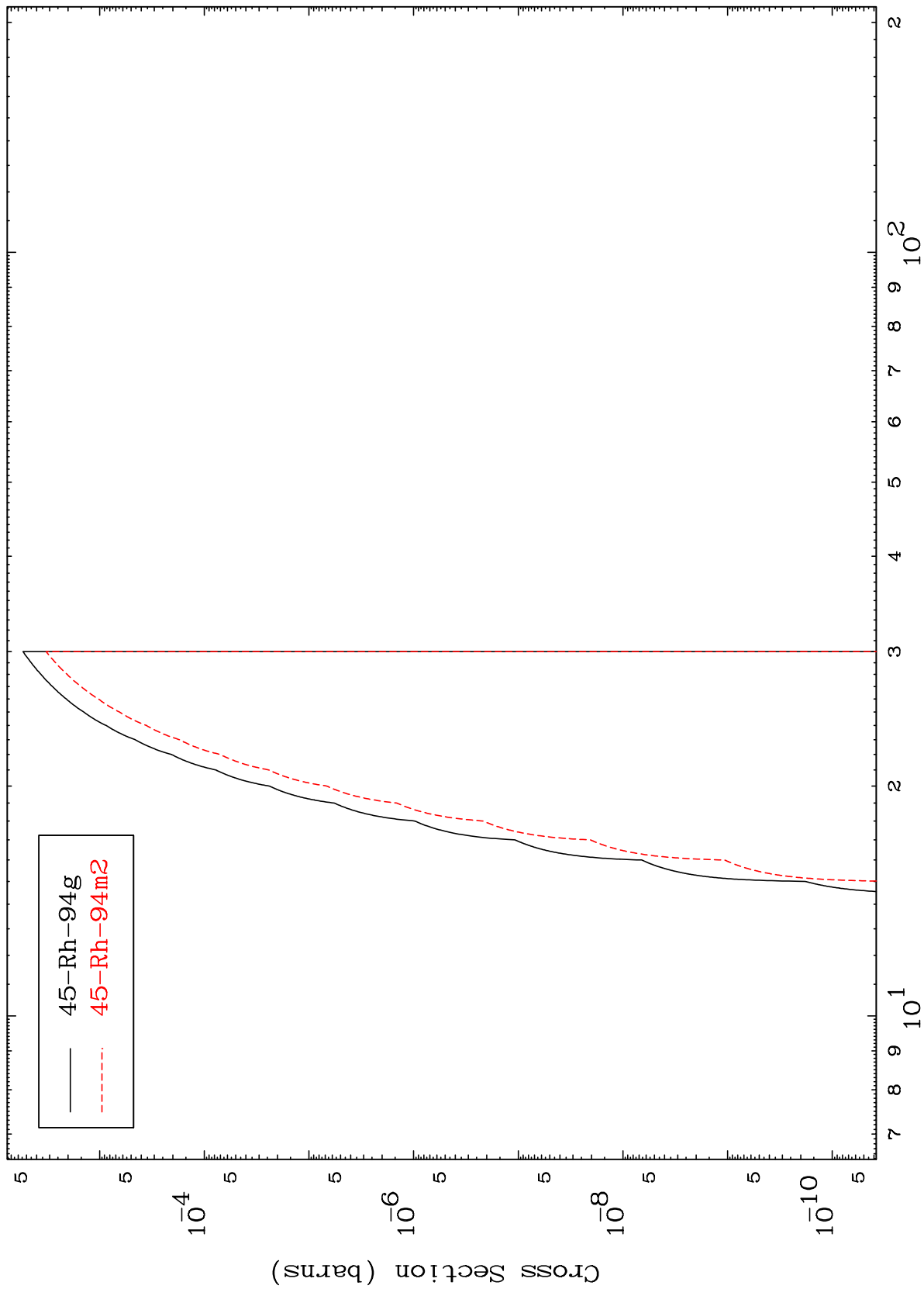
48-Cd-99

MAT 4804

(n,n') p α

48-Cd-99

Radionuclide Production Cross Section



31

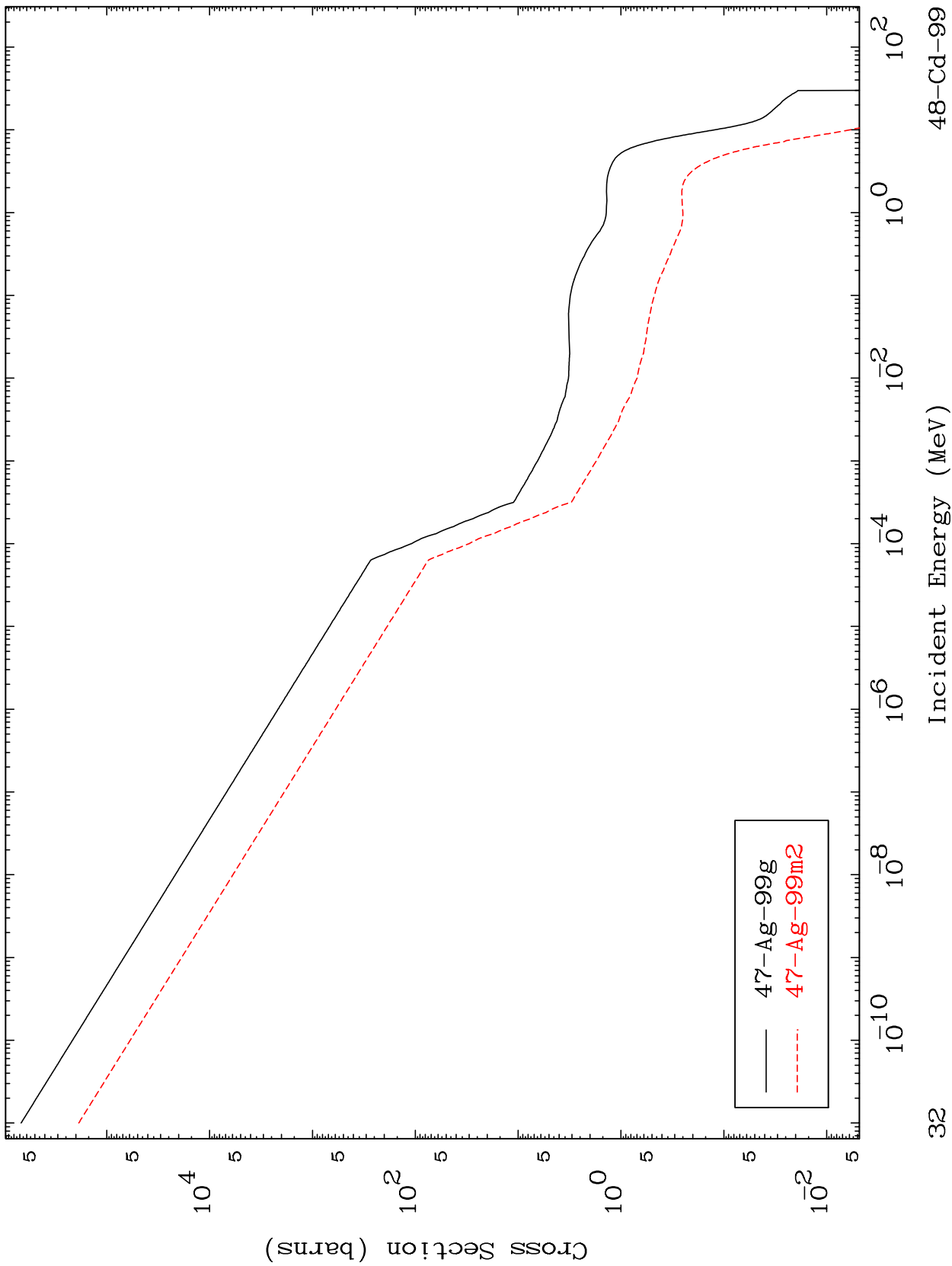
Incident Energy (MeV)

48-Cd-99

MAT 4804

48-Cd-99

(n,p)
Radionuclide Production Cross Section



32

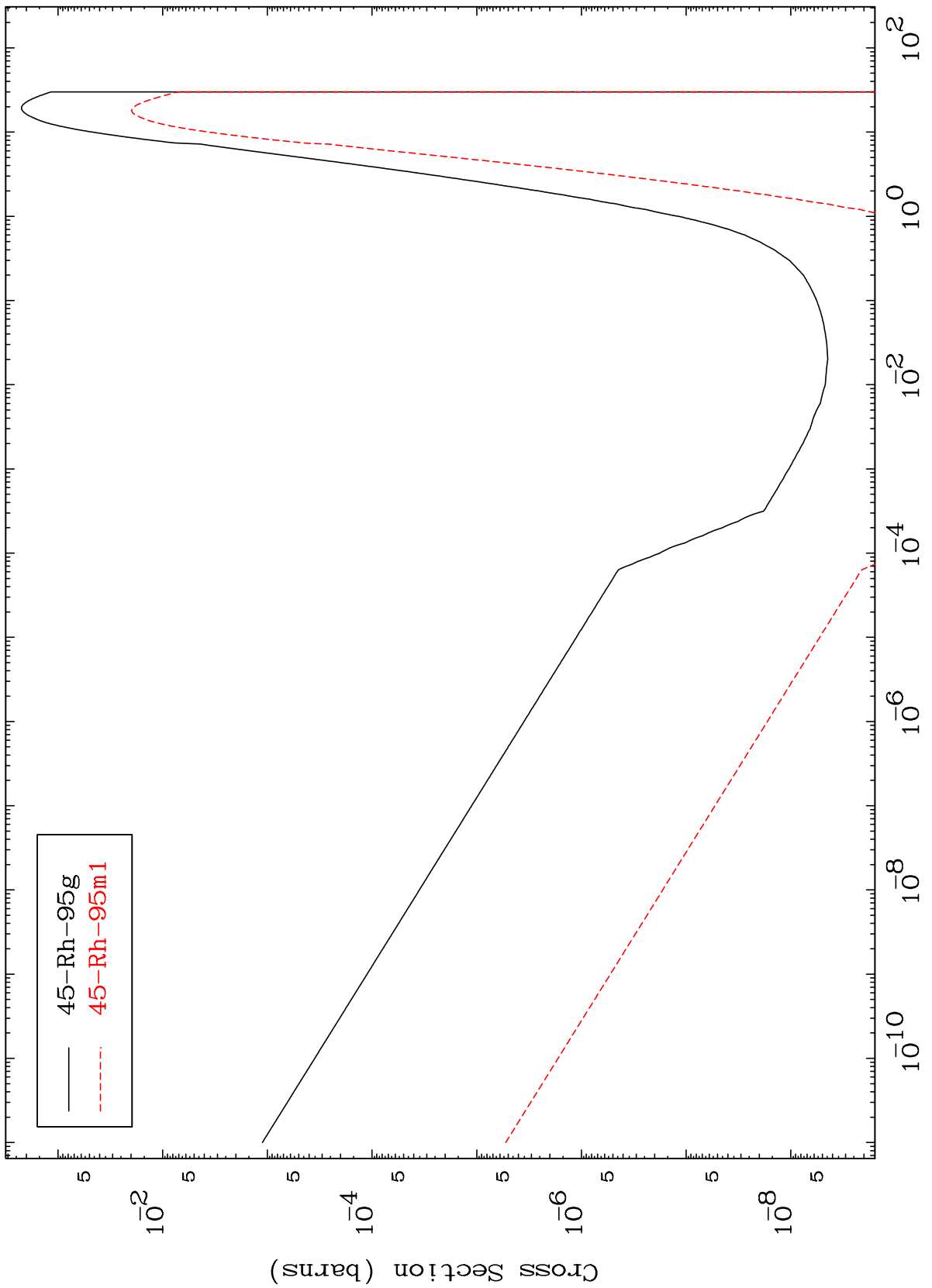
48-Cd-99

MAT 4804

(n,p) α

48-Cd-99

Radionuclide Production Cross Section



— 45-Rh-95g
- - - 45-Rh-95m1

Incident Energy (MeV)

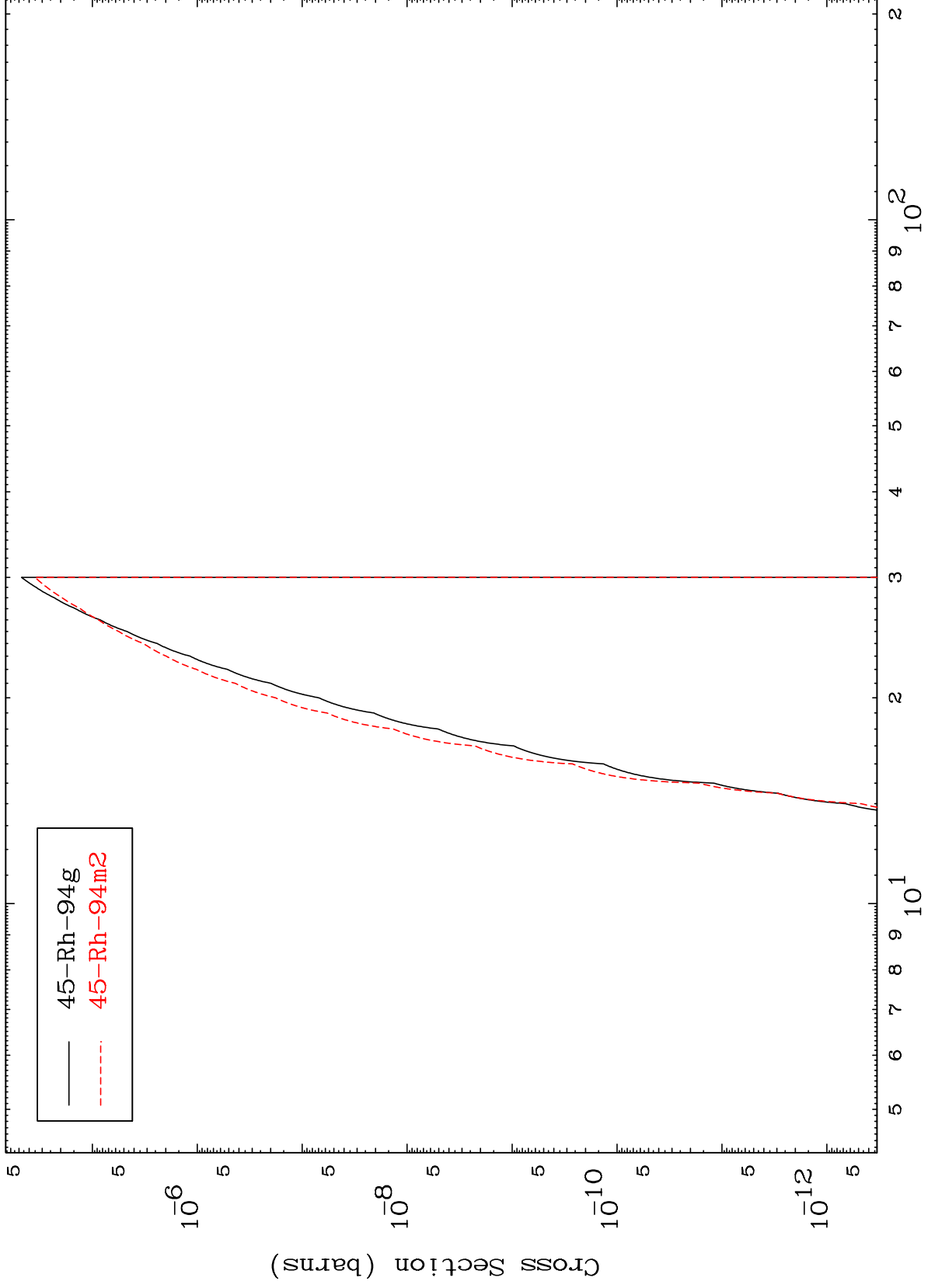
48-Cd-99

MAT 4804

(n,d) α

48-Cd-99

Radionuclide Production Cross Section



— 45-Rh-94g
- - - 45-Rh-94m2

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Incident Energy (MeV)

48-Cd-99