

Program EVALPLOT
(Version 2015-2)

by

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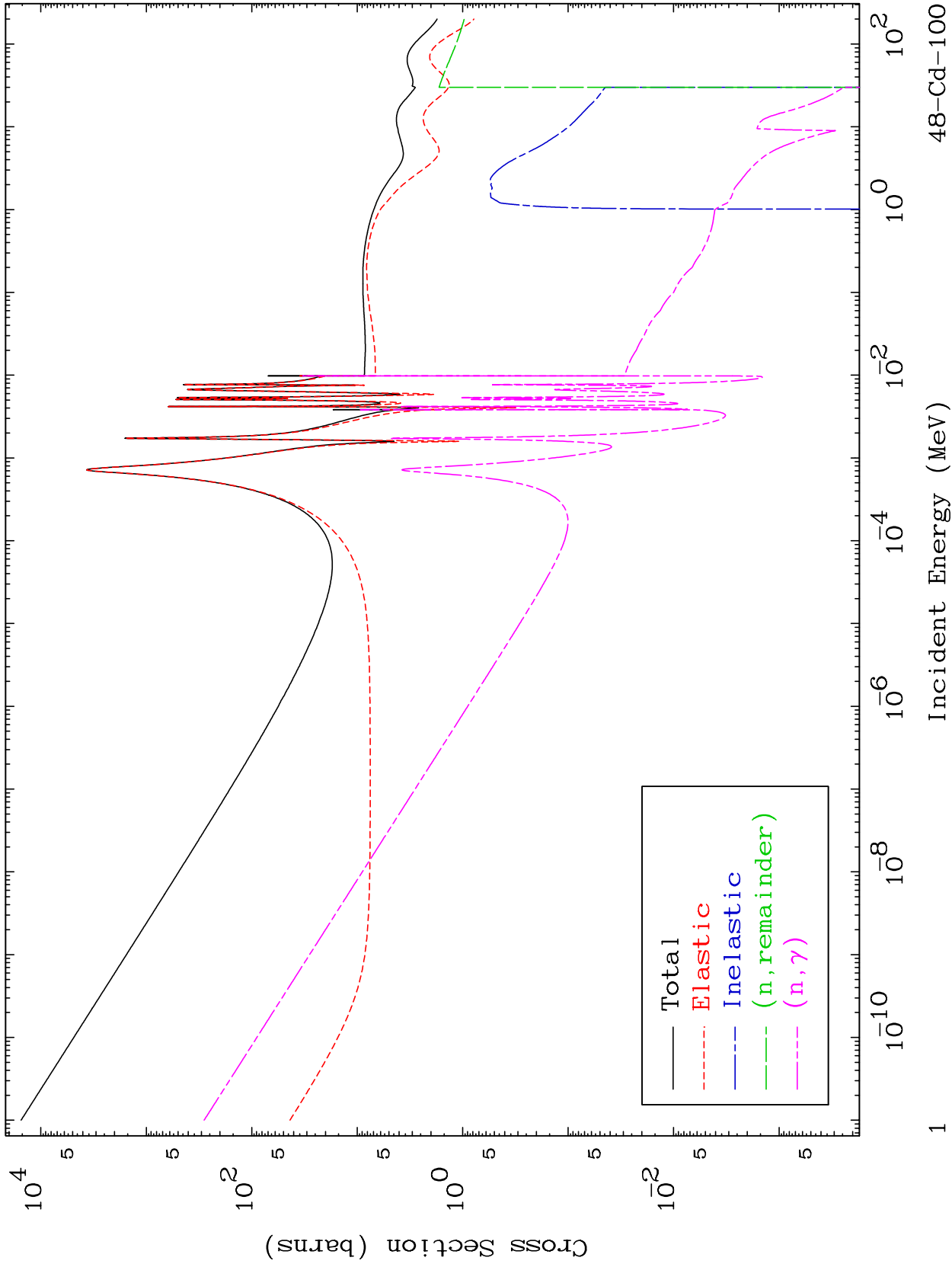
Press Mouse Button to Start

MAT 4807

Major

293 Kelvin Cross Sections

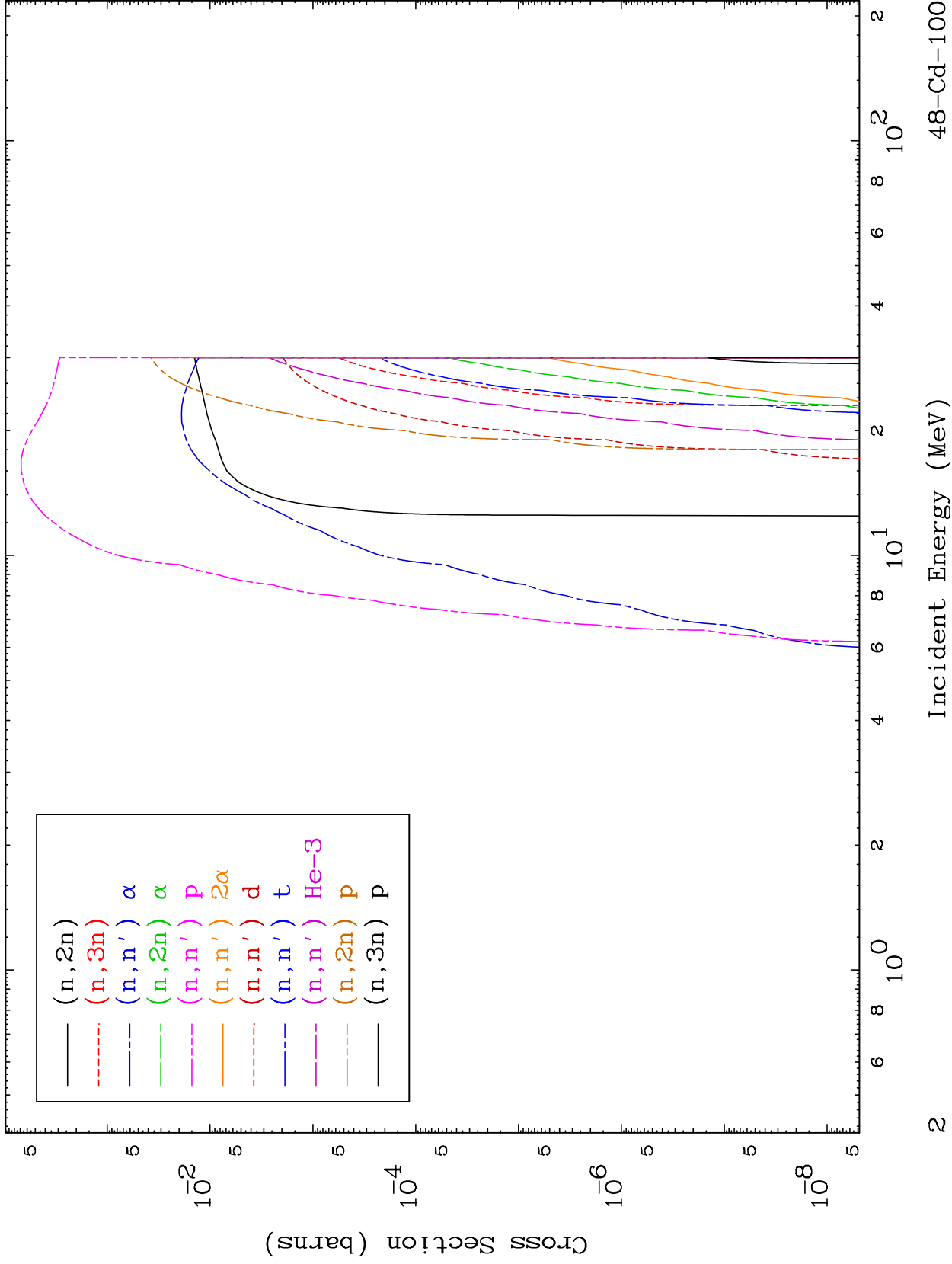
48-Cd-100



MAT 4807

Neutron Production
293 Kelvin Cross Sections

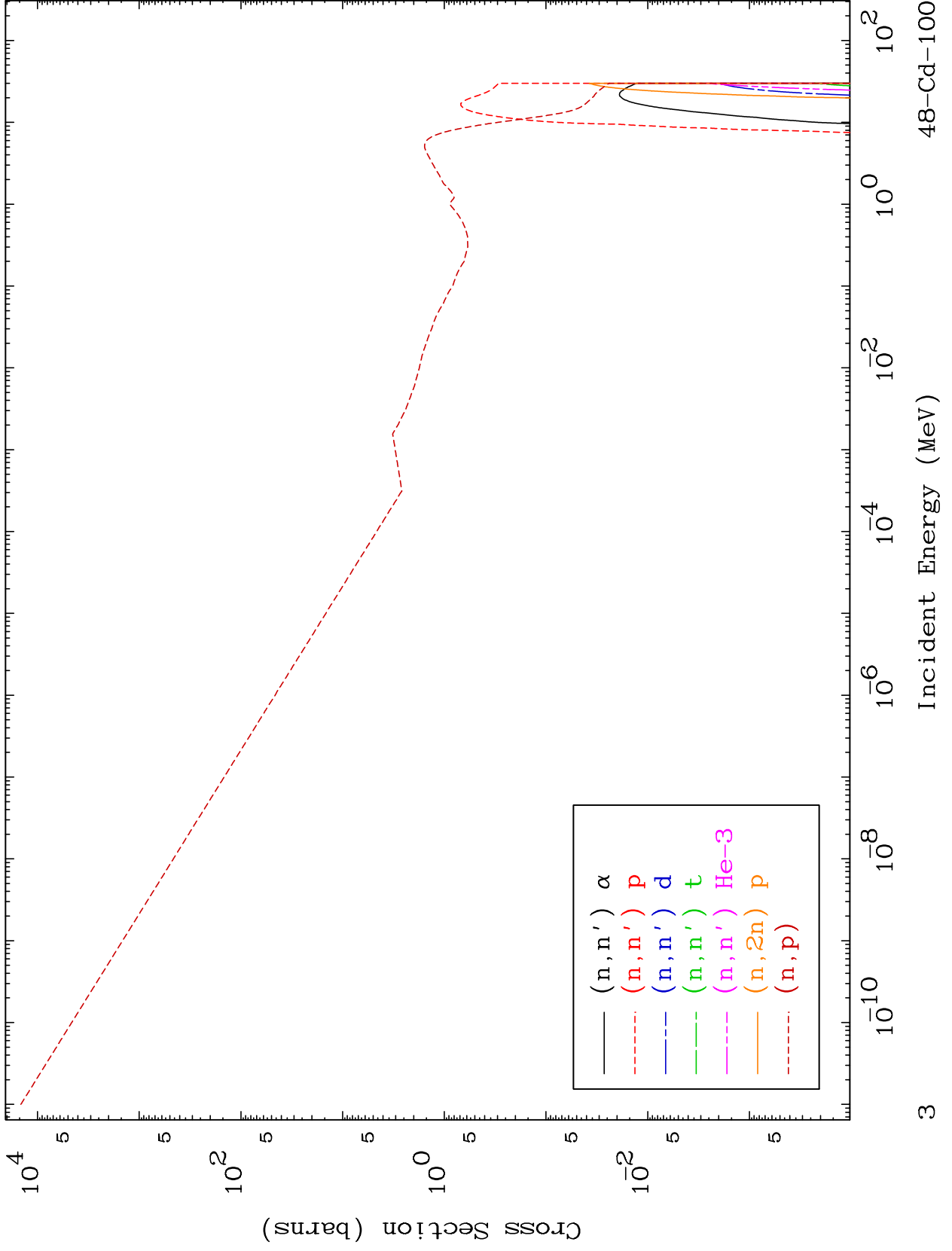
48-Cd-100



MAT 4807

Charged Particle
293 Kelvin Cross Sections

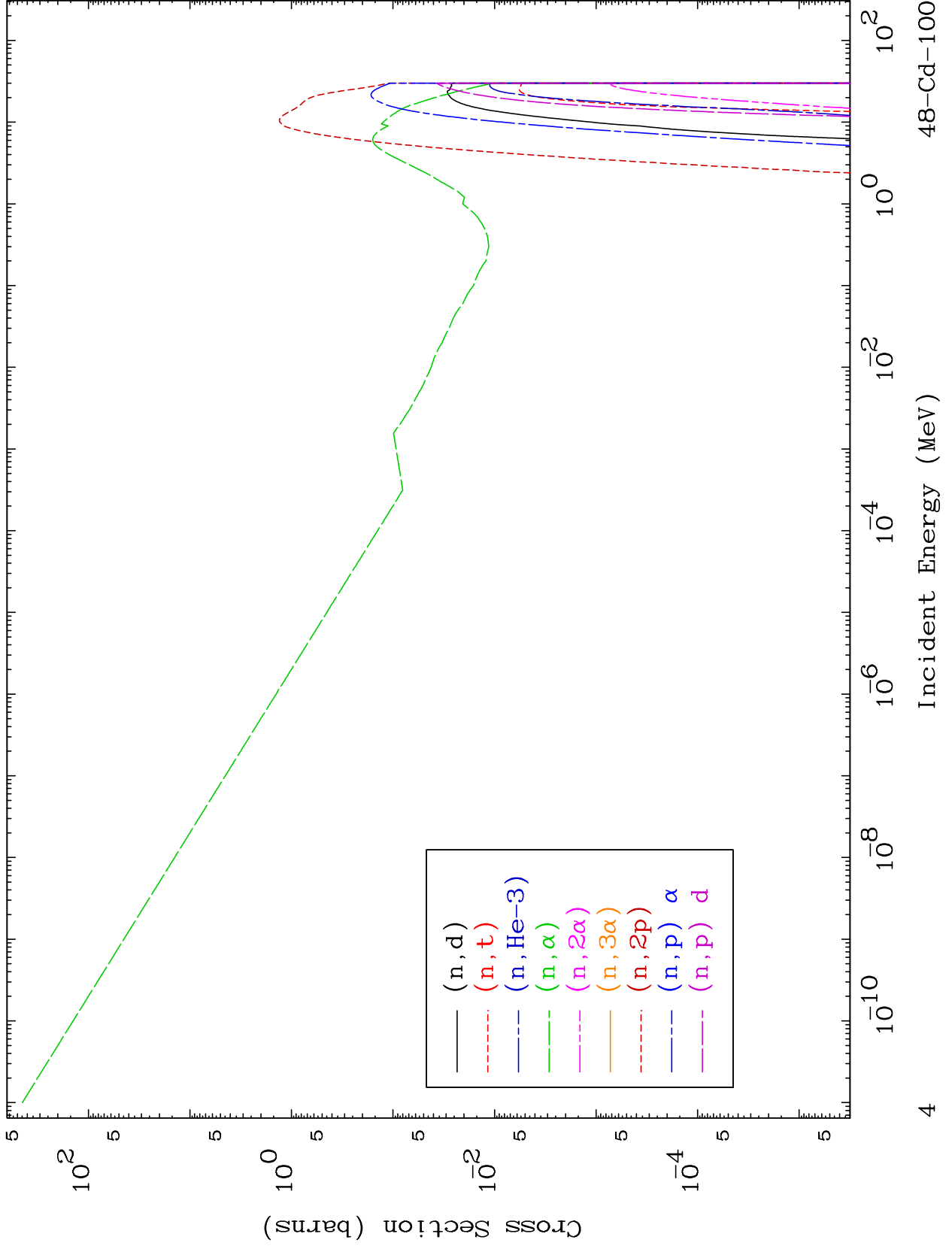
48-Cd-100



MAT 4807

Charged Particle
293 Kelvin Cross Sections

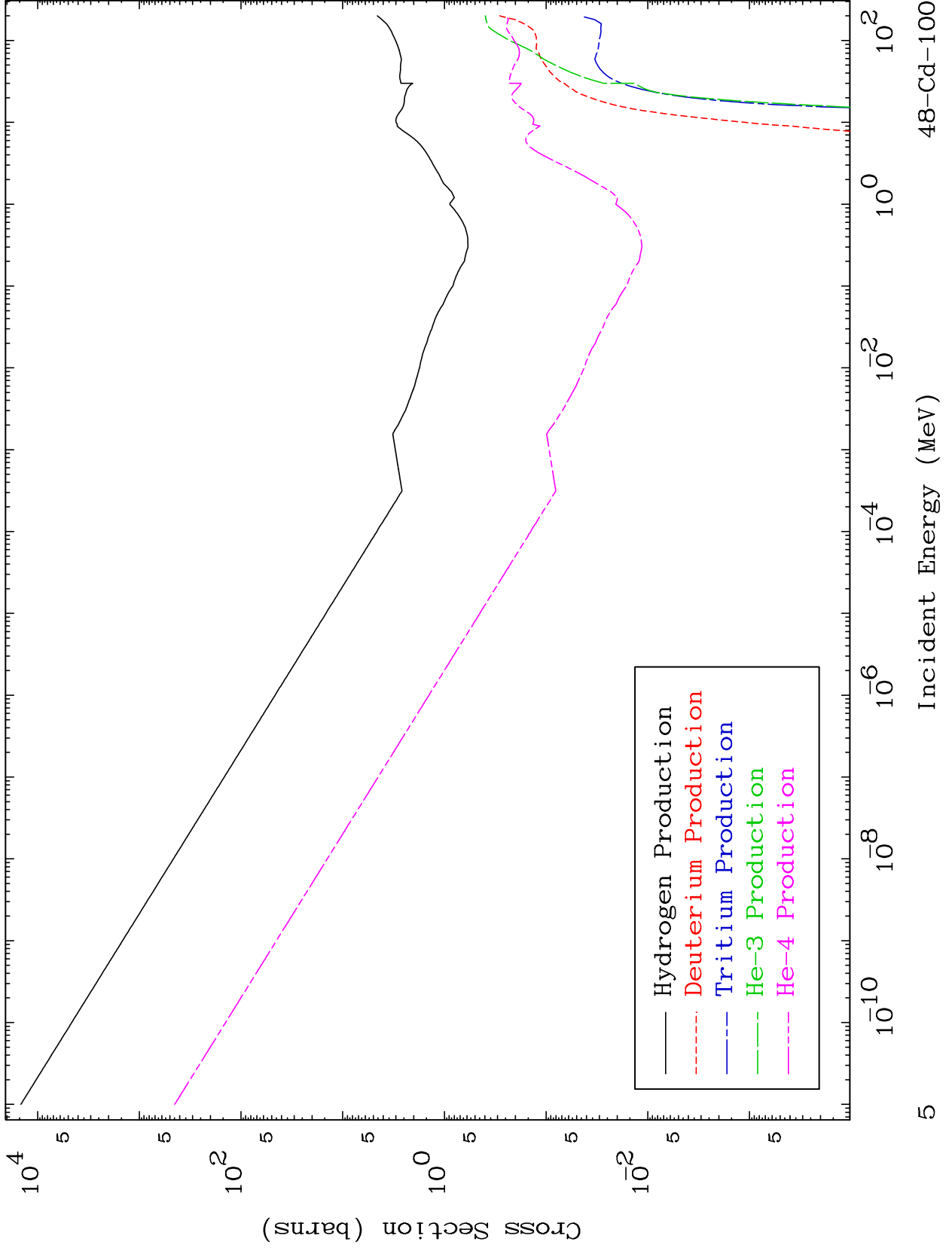
48-Cd-100

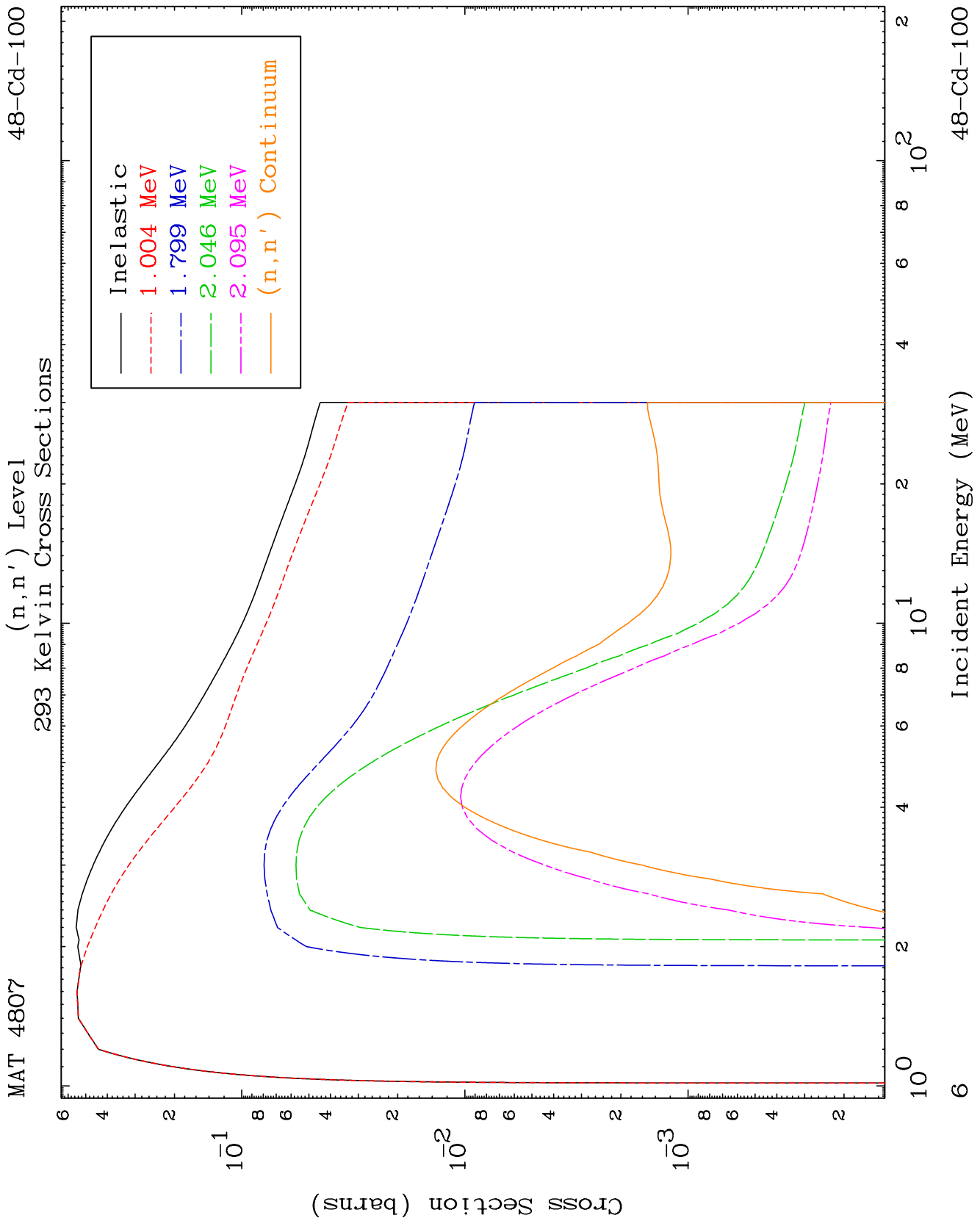


MAT 4807

Particle Production
293 Kelvin Cross Sections

48-Cd-100

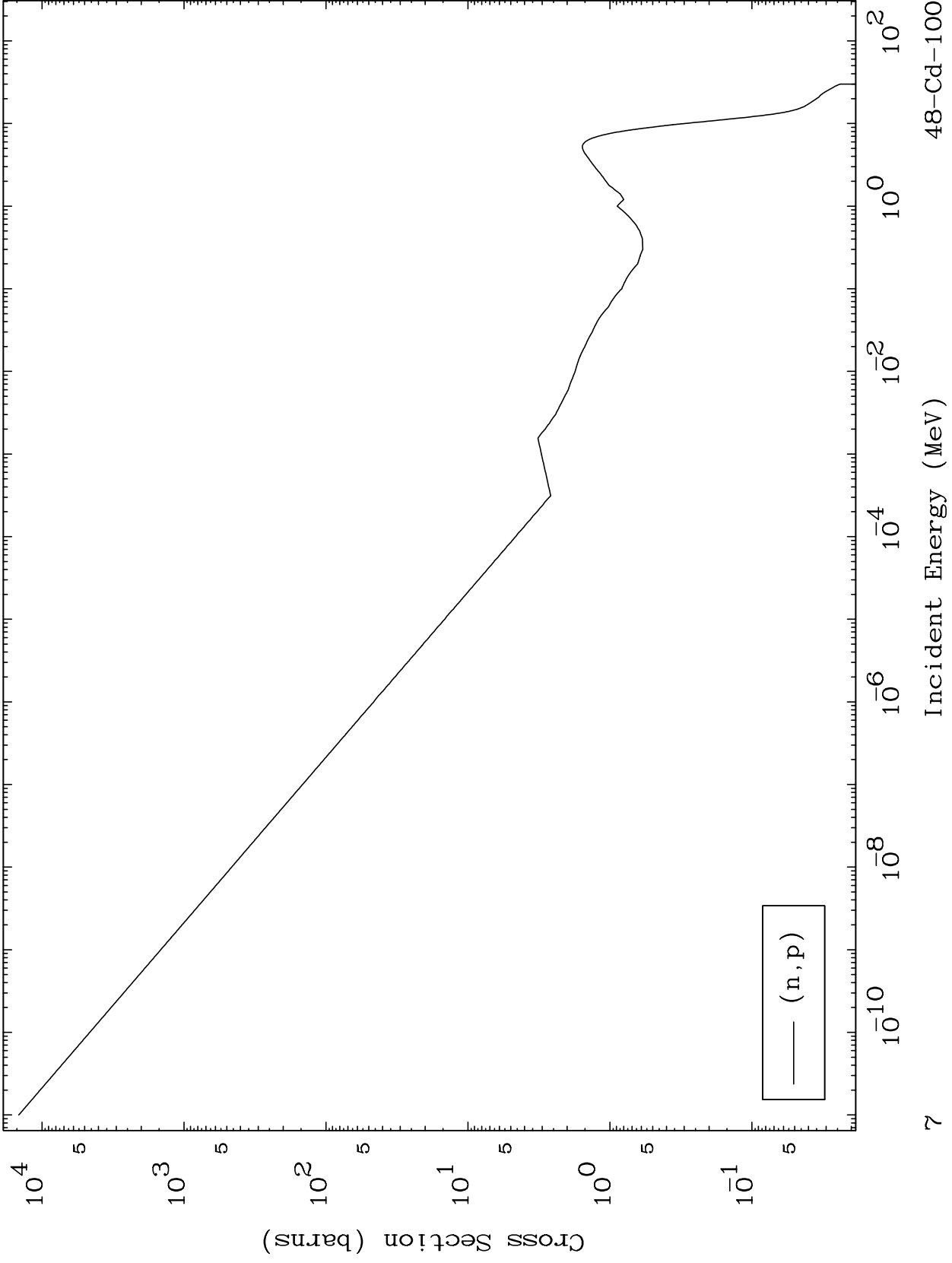




MAT 4807

(n,p) Levels
293 Kelvin Cross Sections

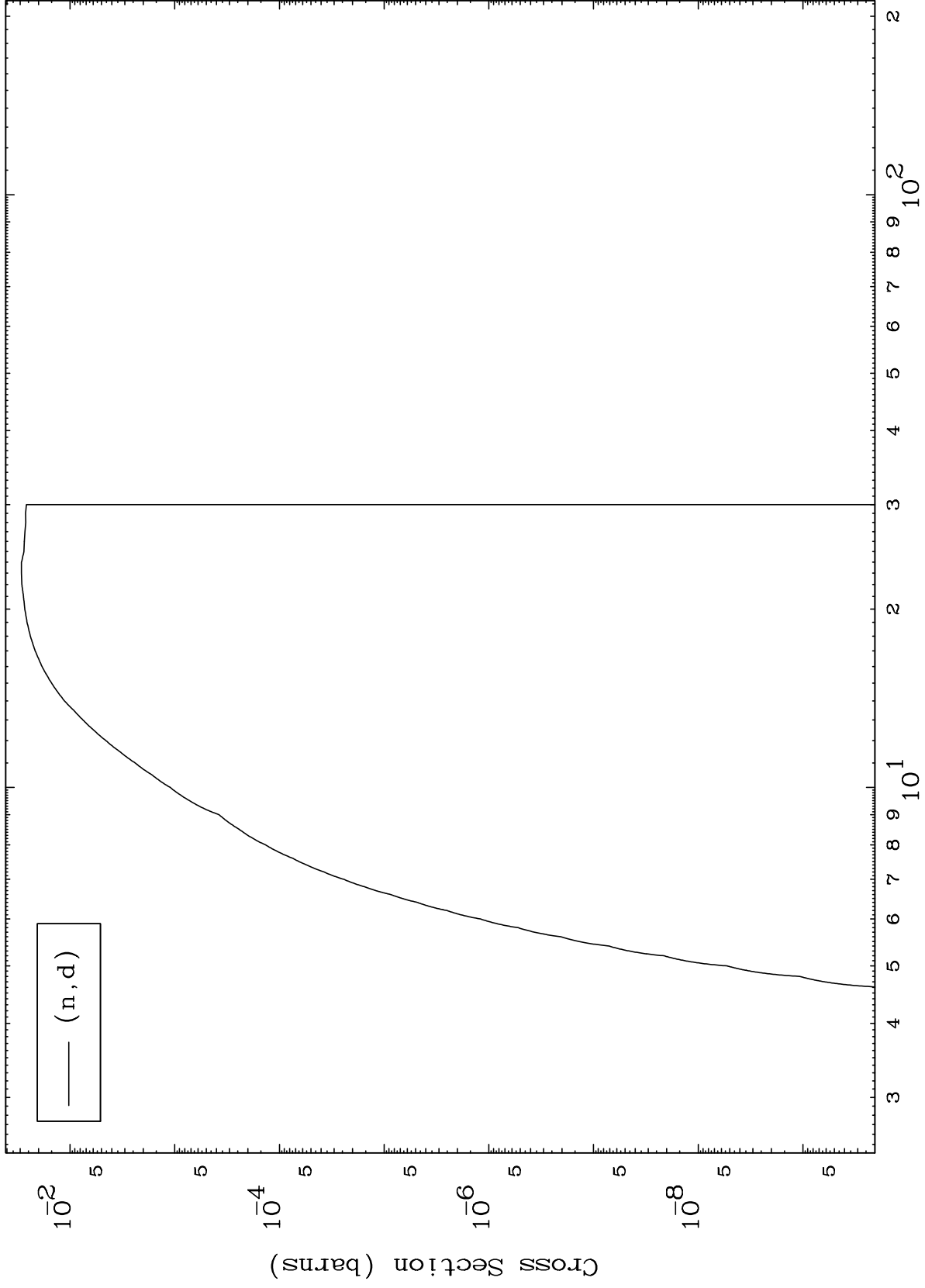
48-Cd-100



MAT 4807

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-100

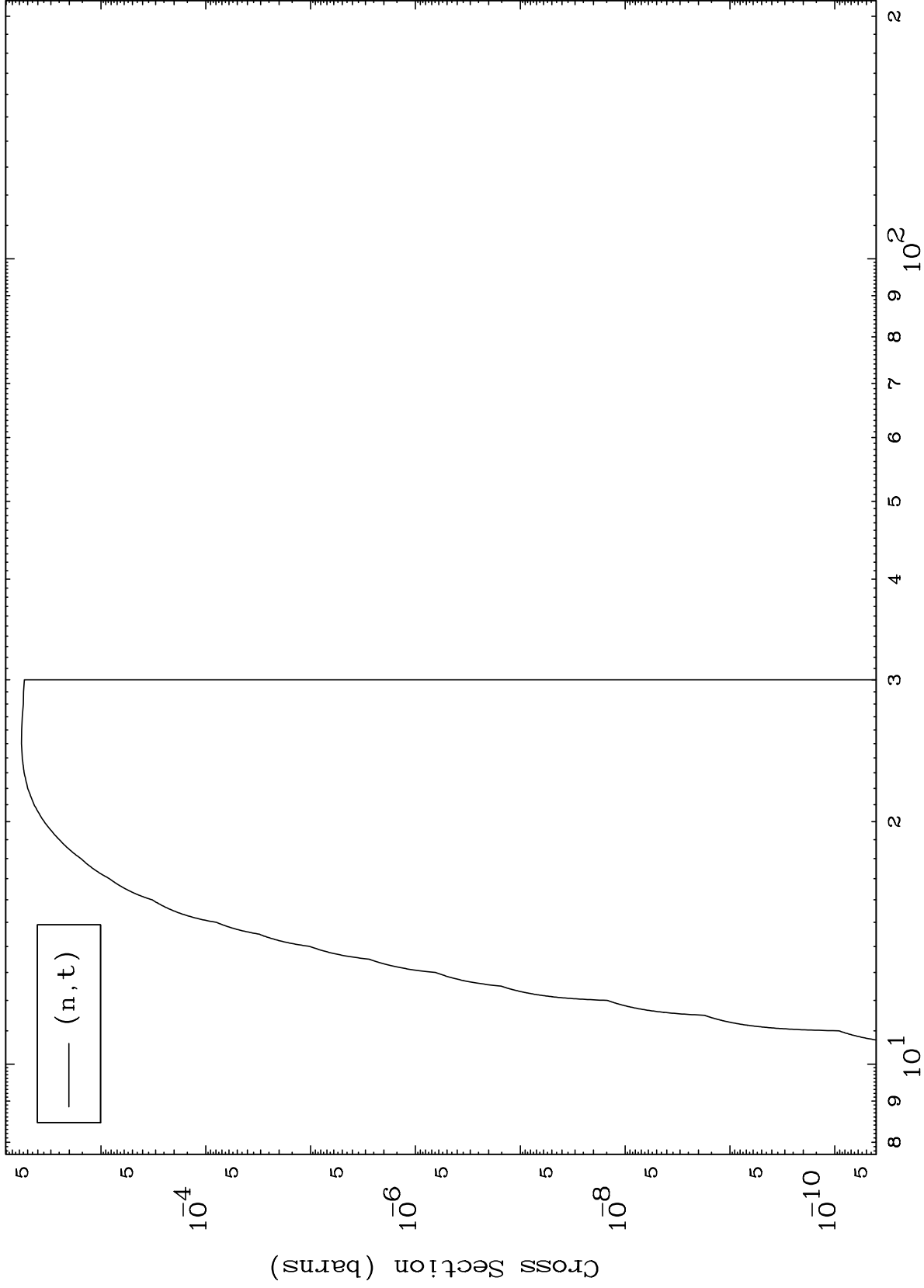


— (n,d)

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(n,t) Levels
293 Kelvin Cross Sections

48-Cd-100



9

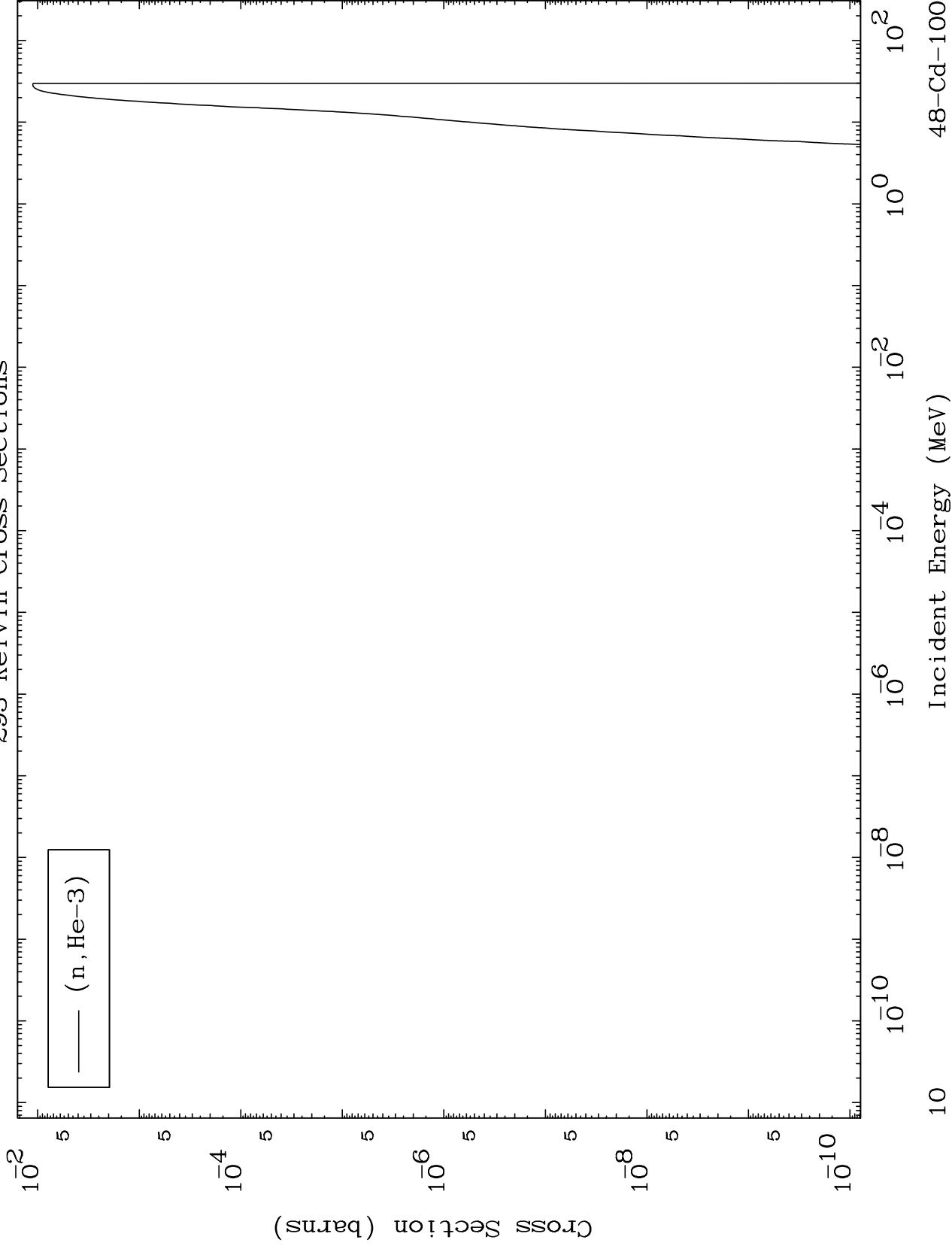
Incident Energy (MeV)

48-Cd-100

MAT 4807

(n,He3) Levels
293 Kelvin Cross Sections

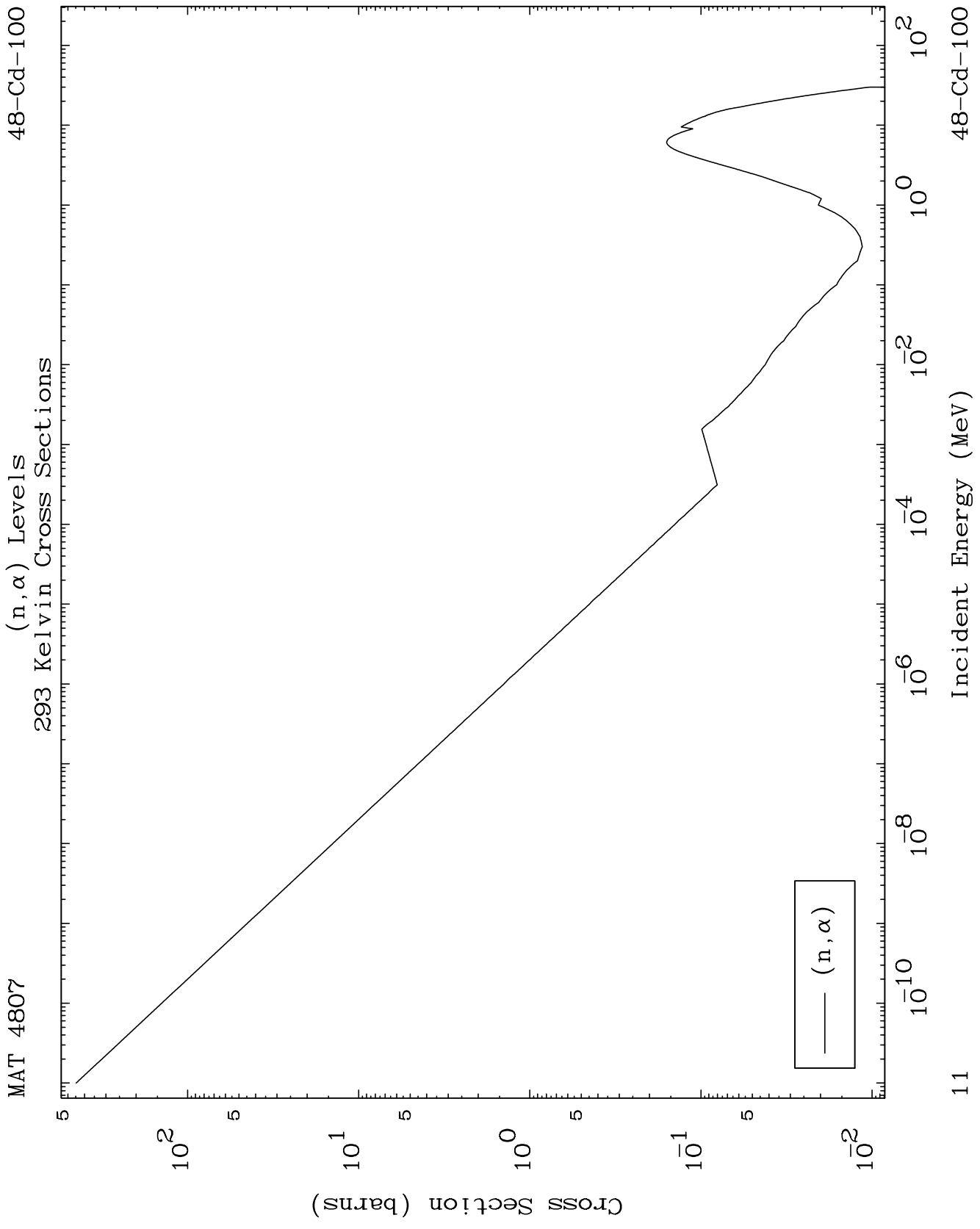
48-Cd-100



10

Incident Energy (MeV)

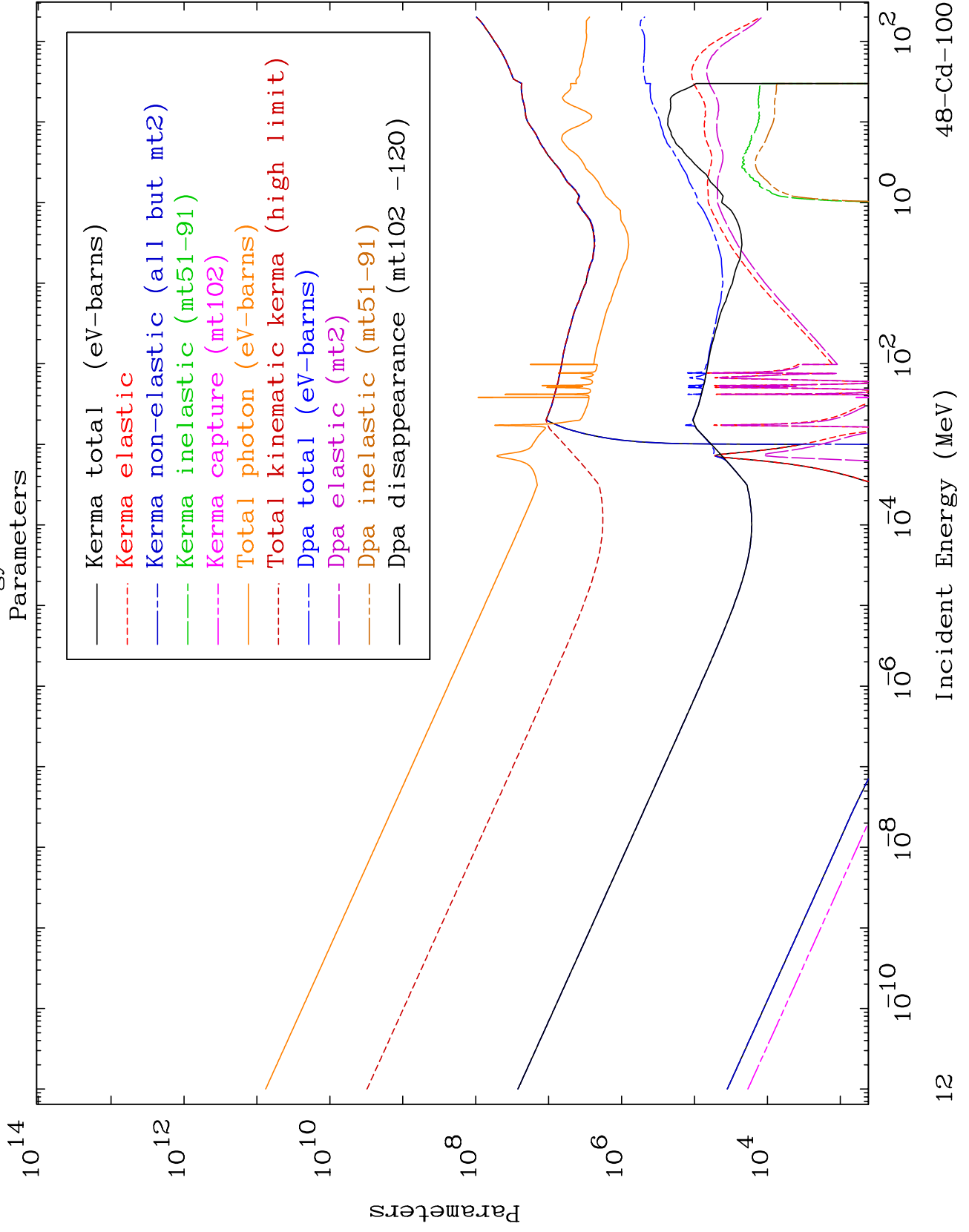
48-Cd-100



MAT 4807

Energy Release
Parameters

48-Cd-100

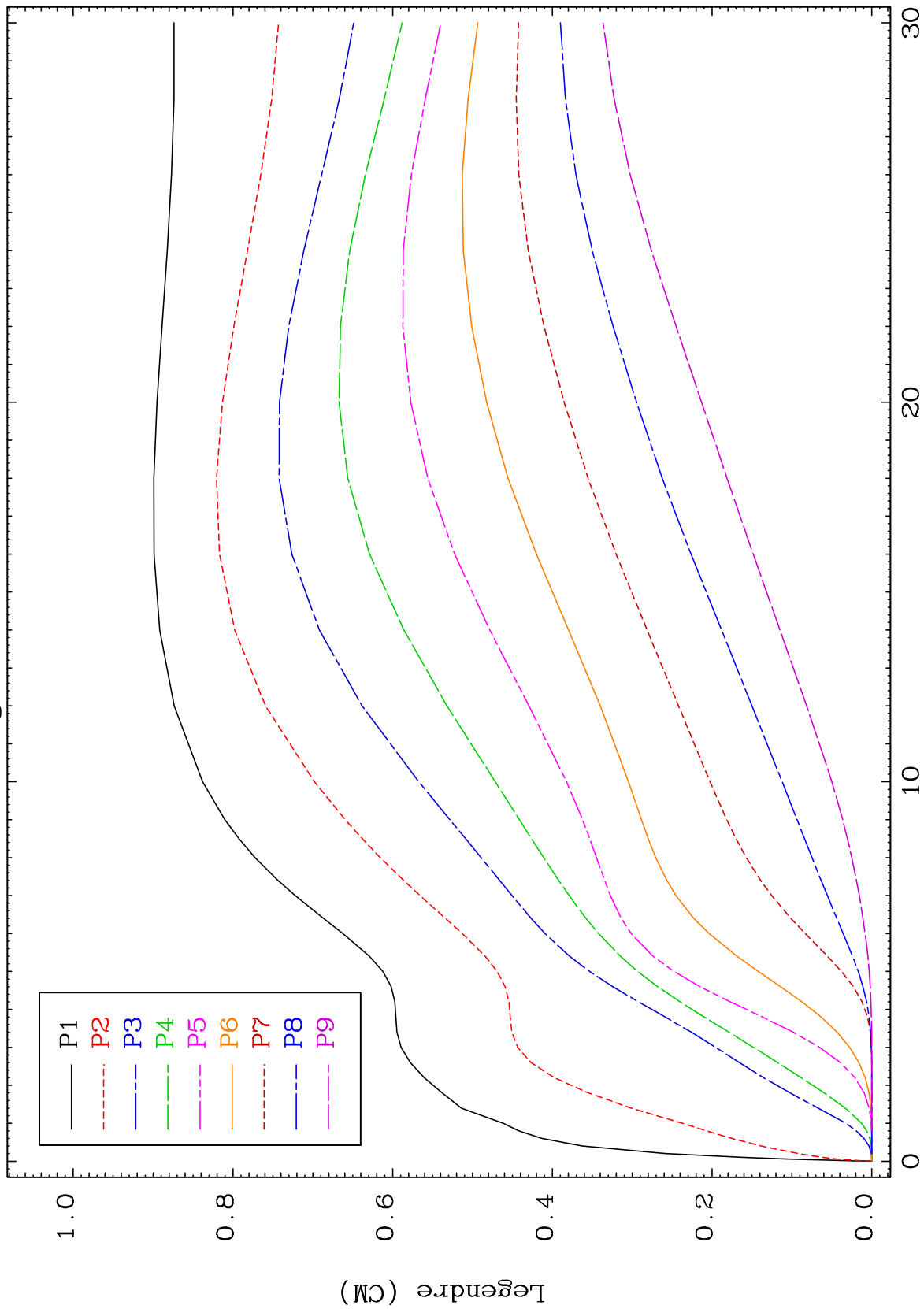


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Elastic Legendre Coefficients

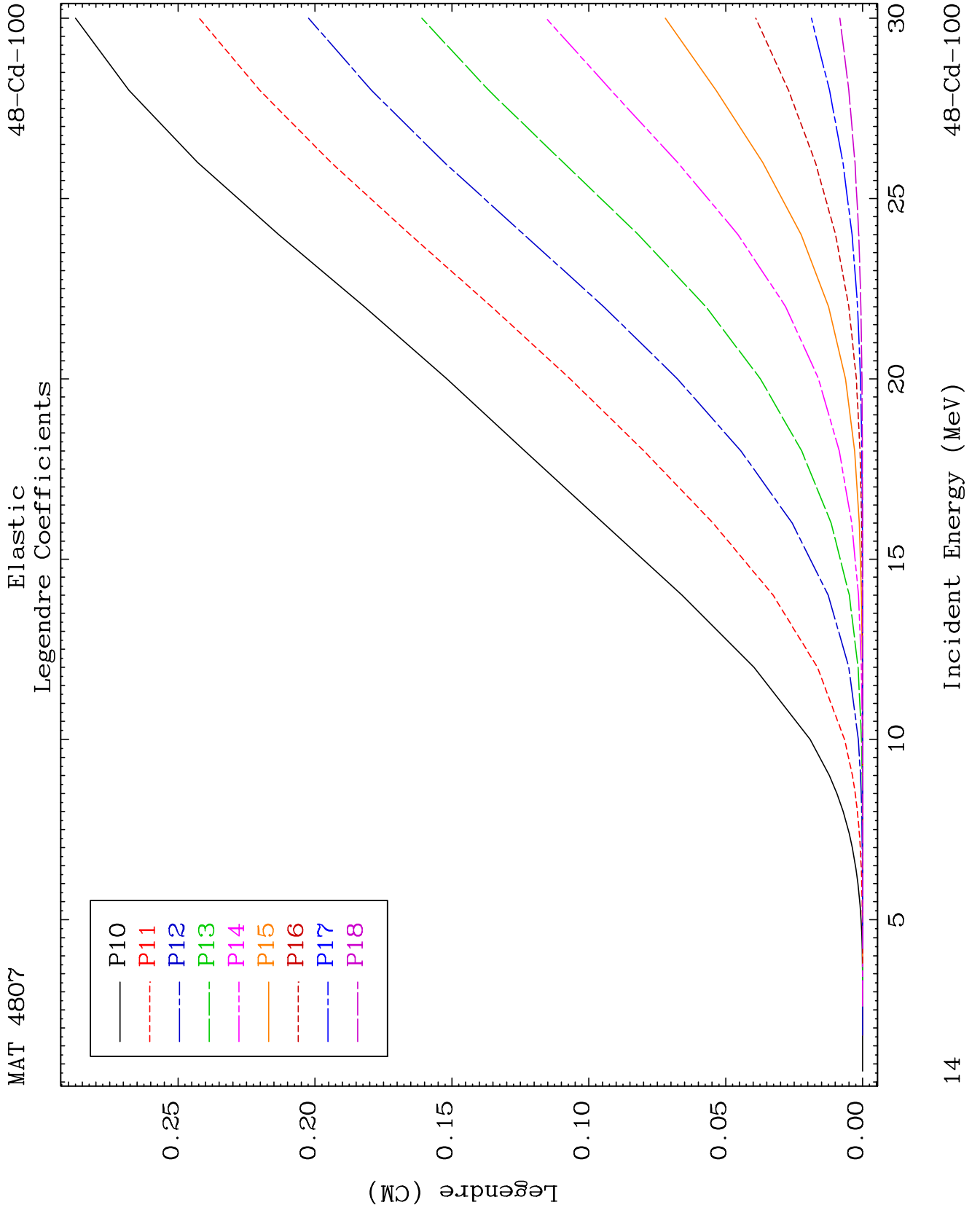
48-Cd-100

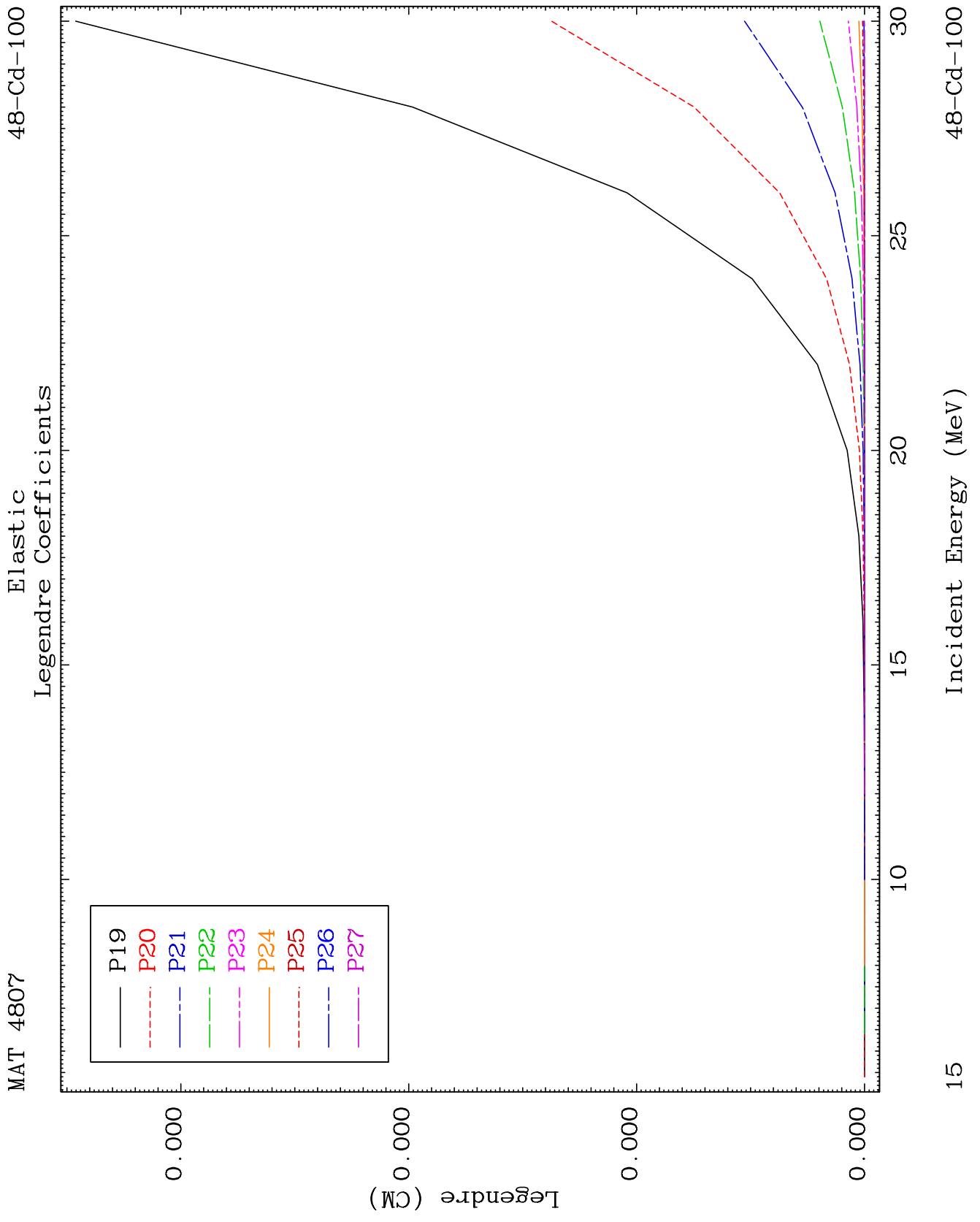


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Incident Energy (MeV)

48-Cd-100





MAT 4807

Elastic Legendre Coefficients

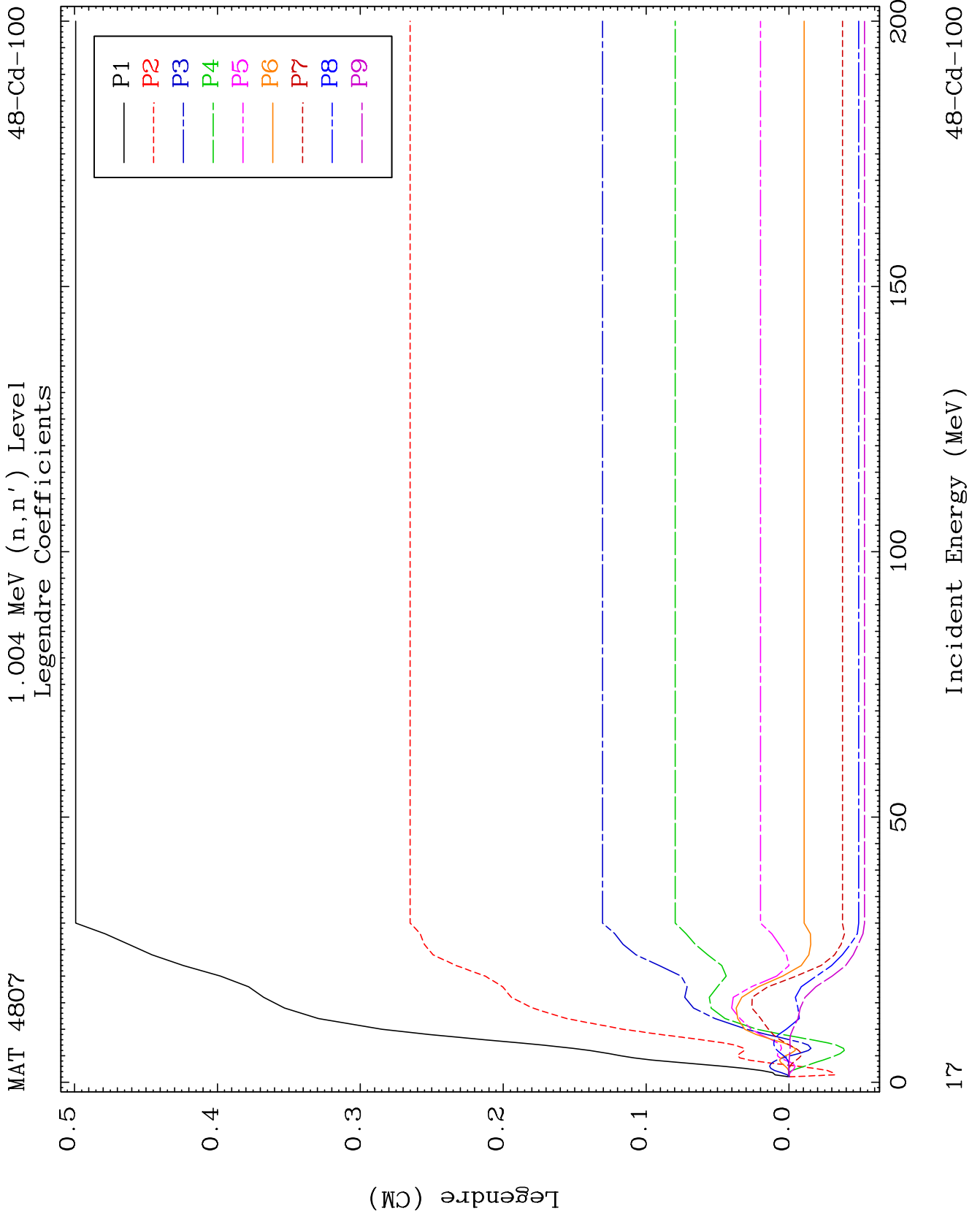
48-Cd-100

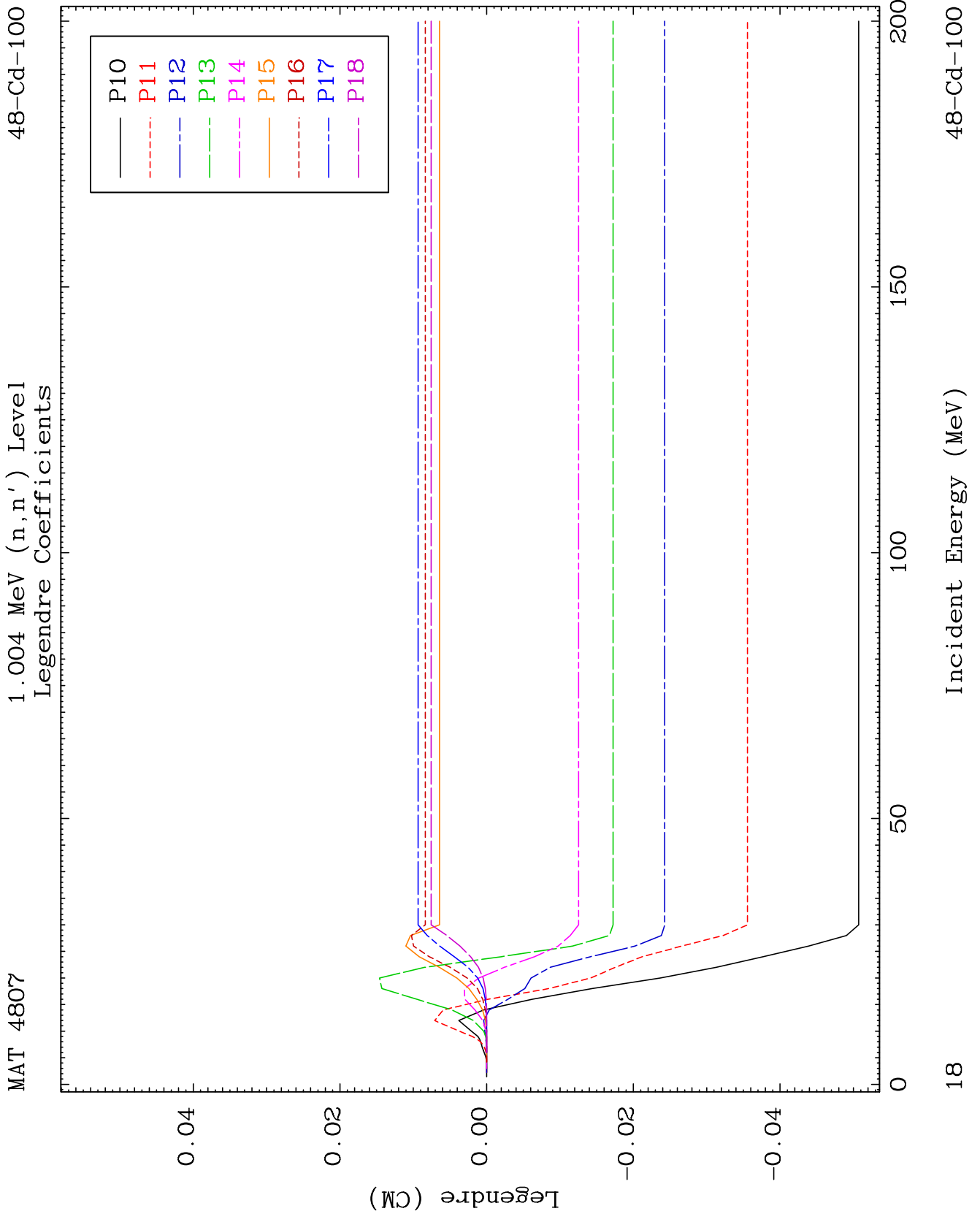


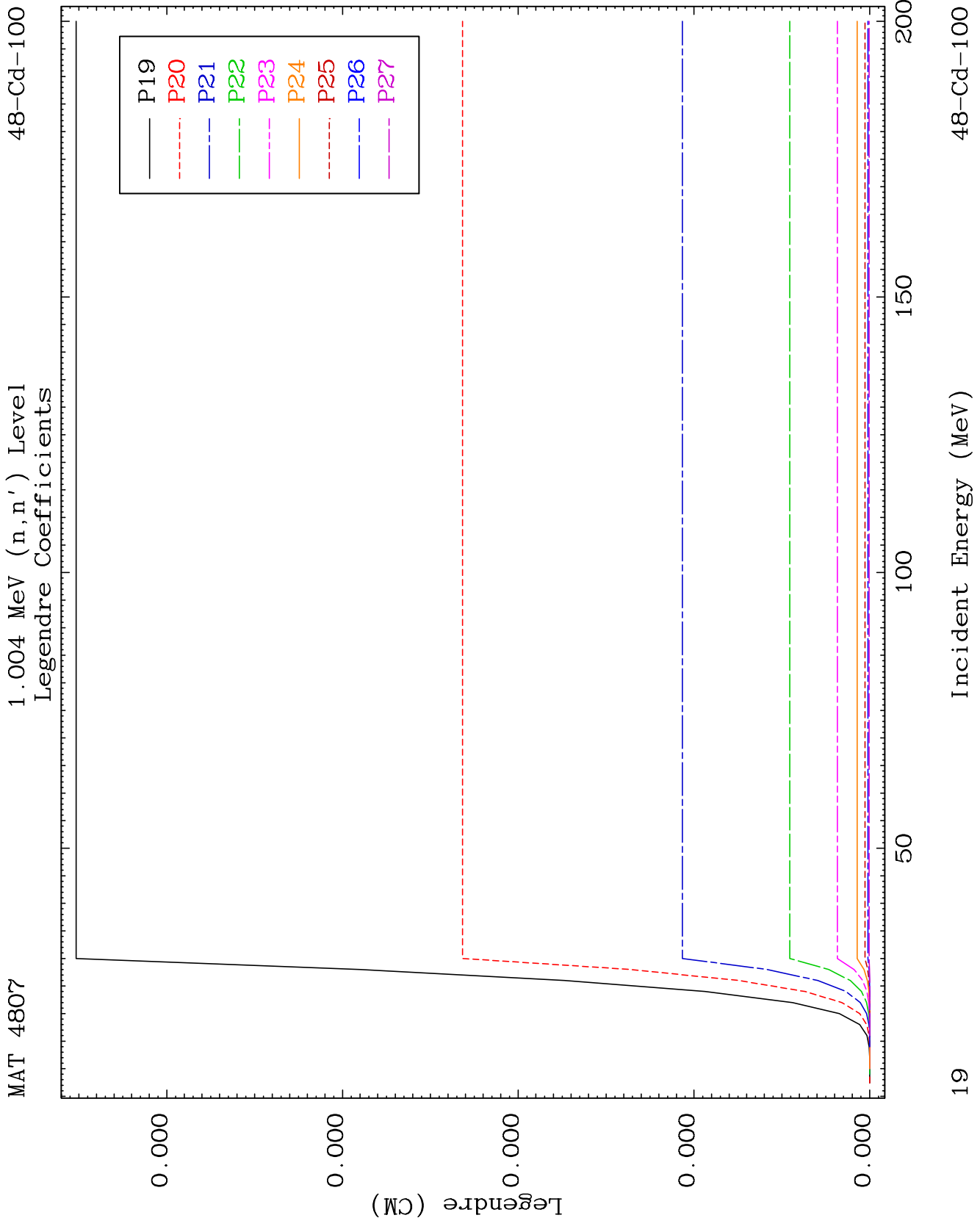
16

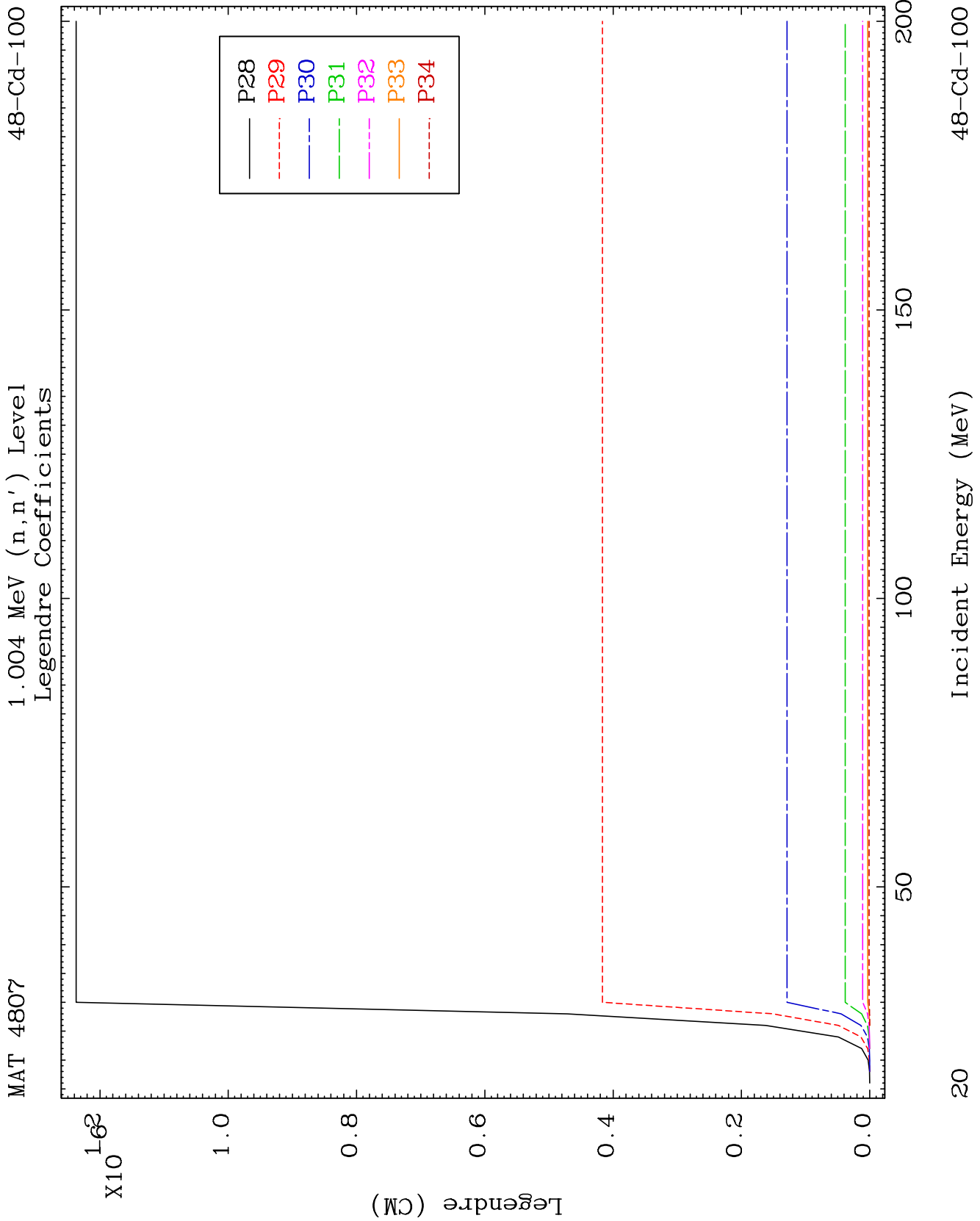
Incident Energy (MeV)

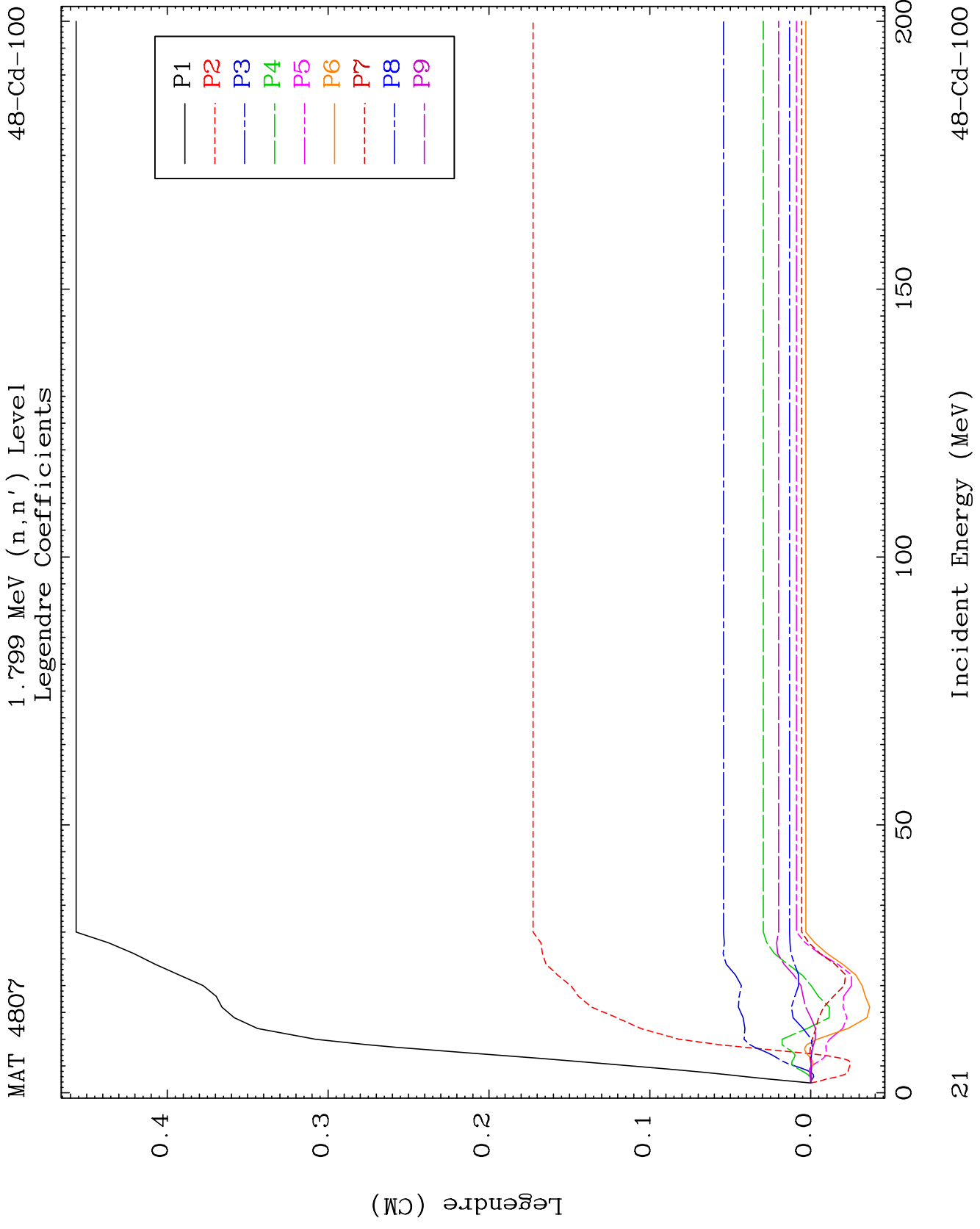
48-Cd-100

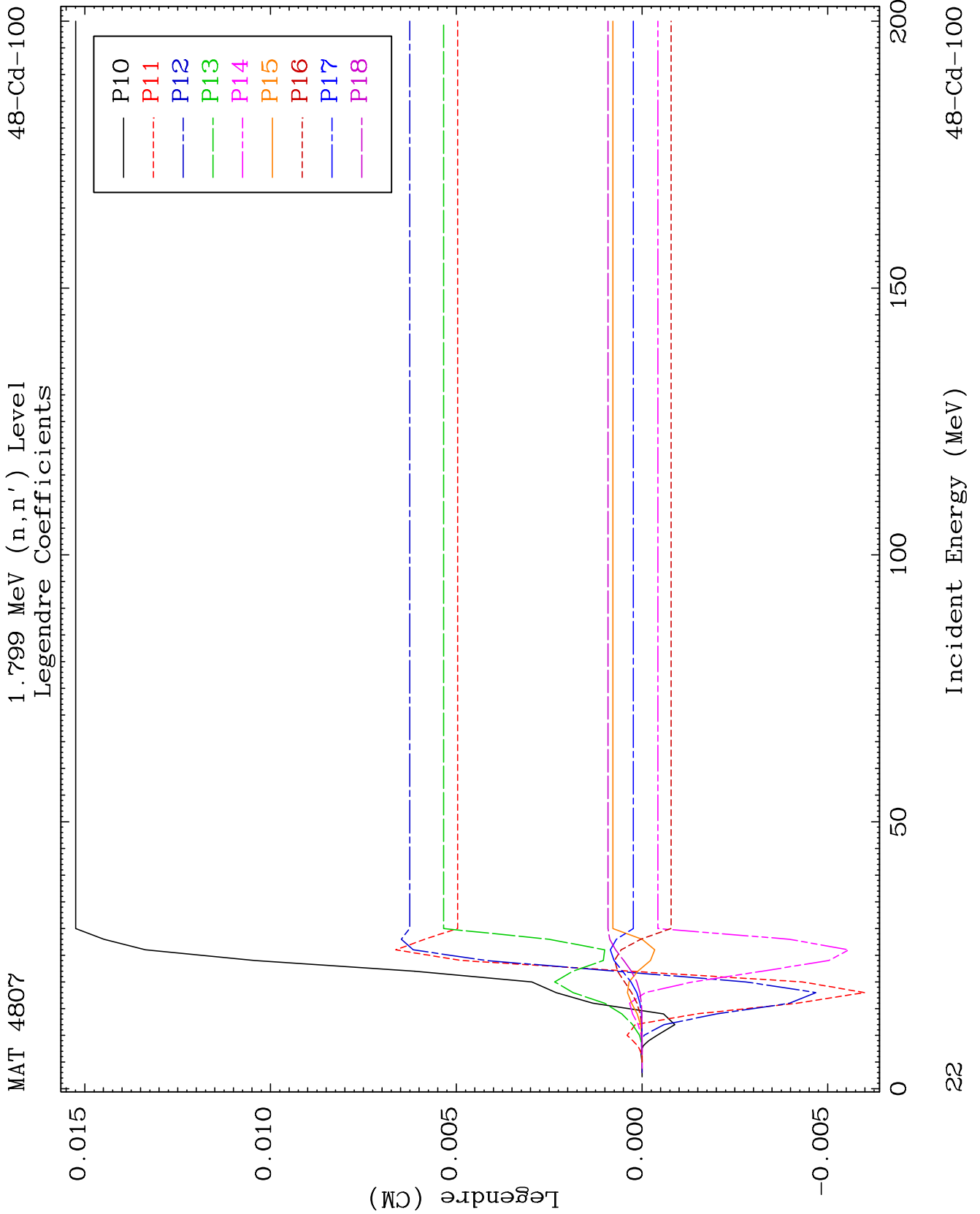








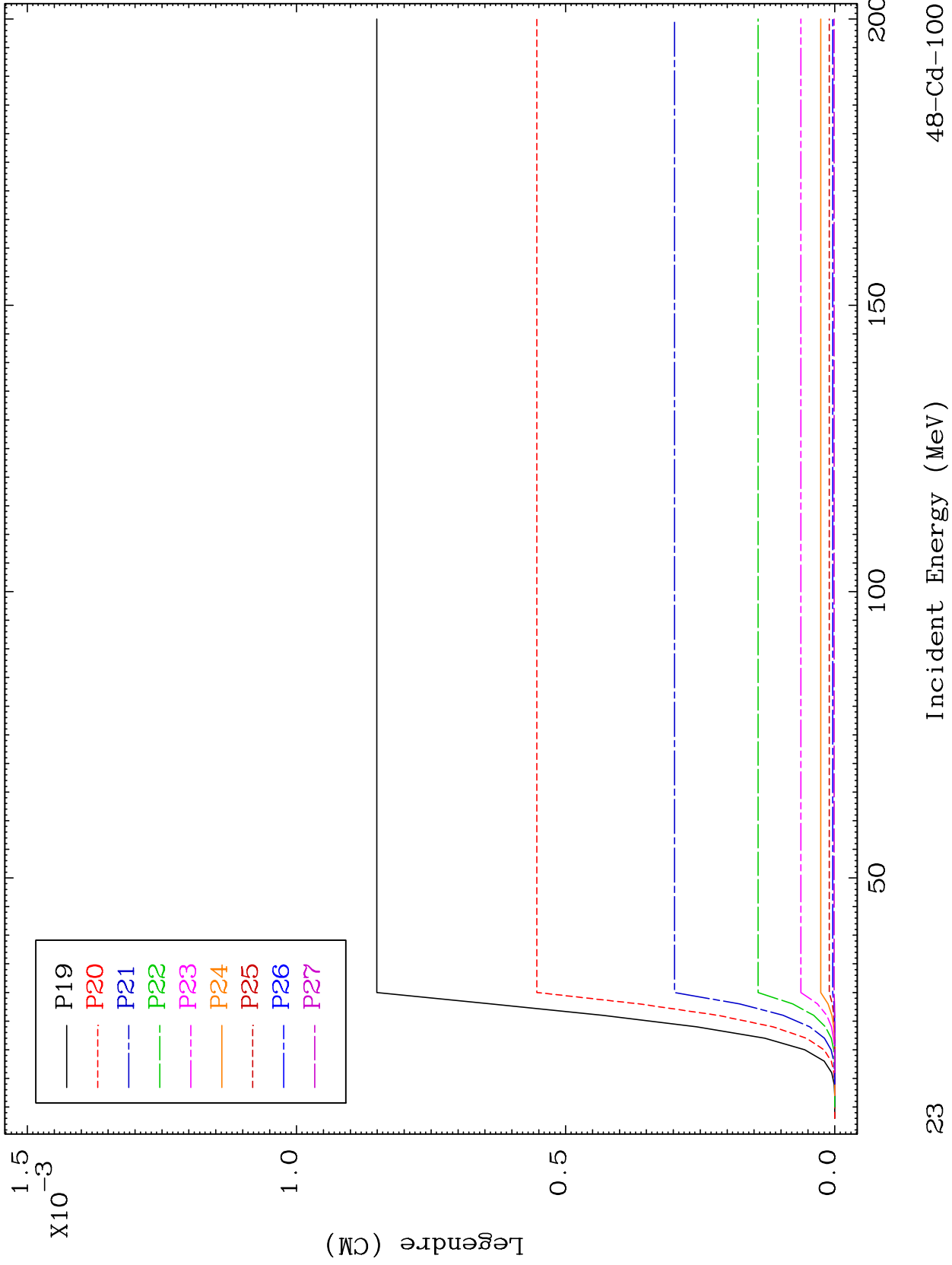




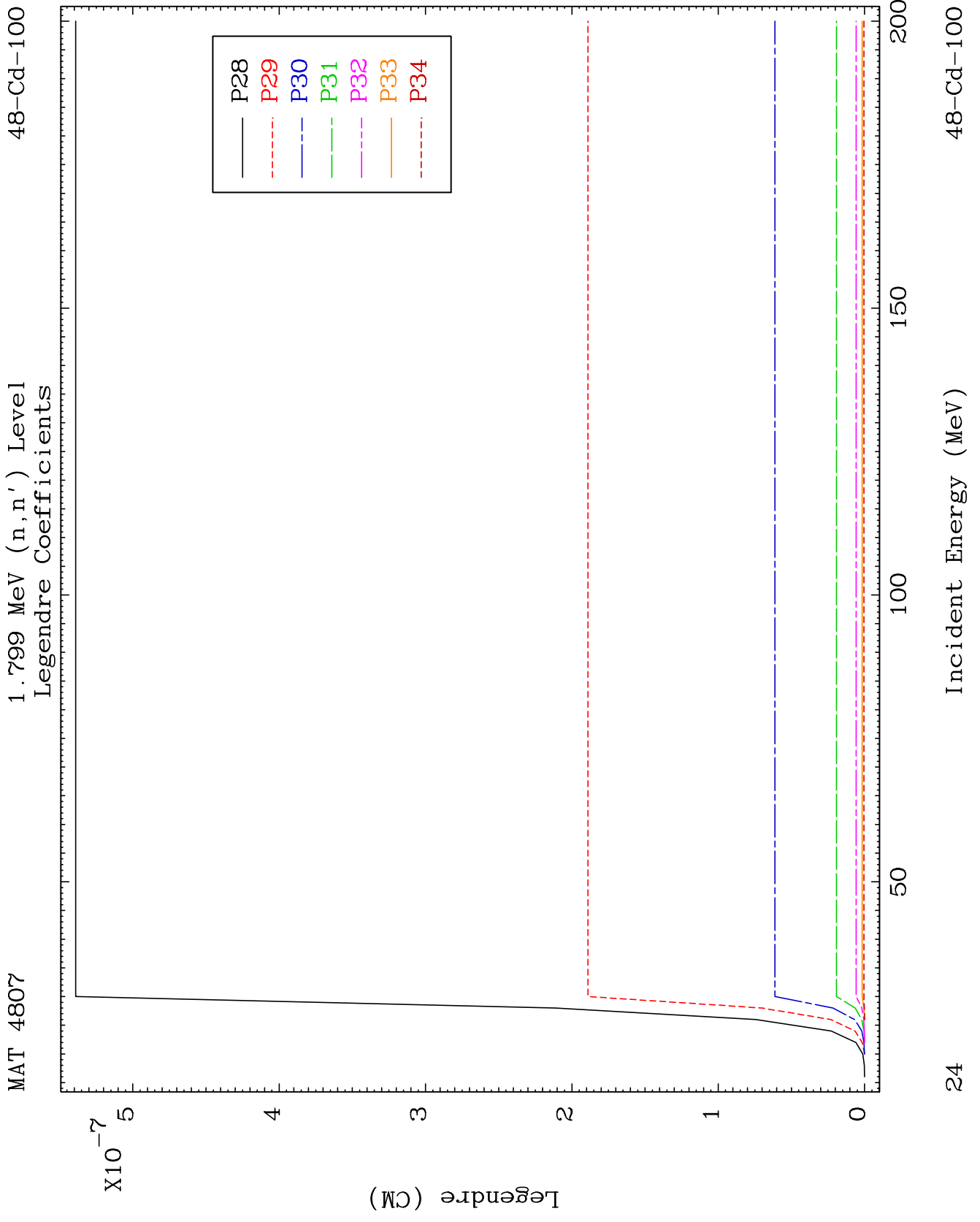
MAT 4807

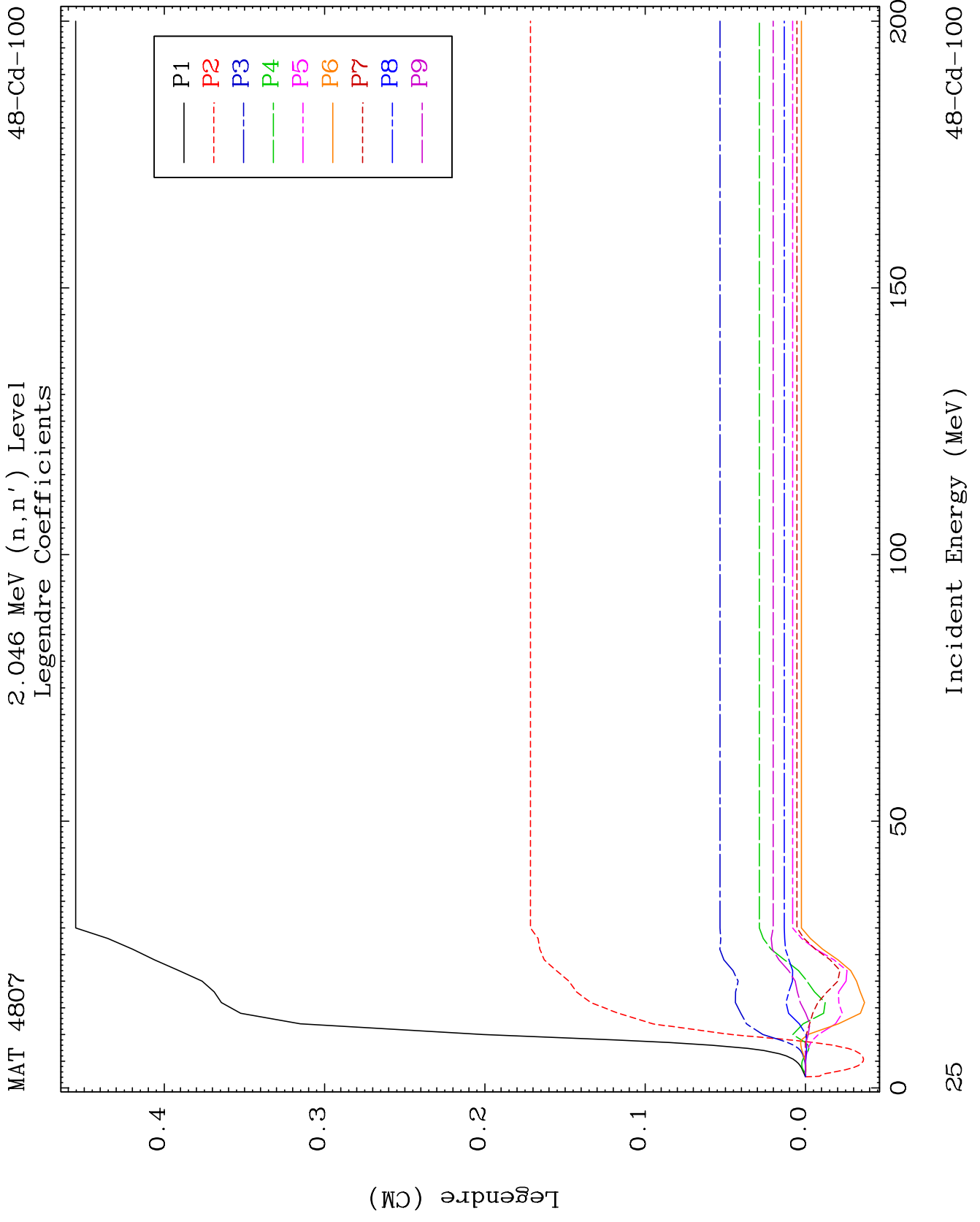
1.799 MeV (n, n') Level
Legendre Coefficients

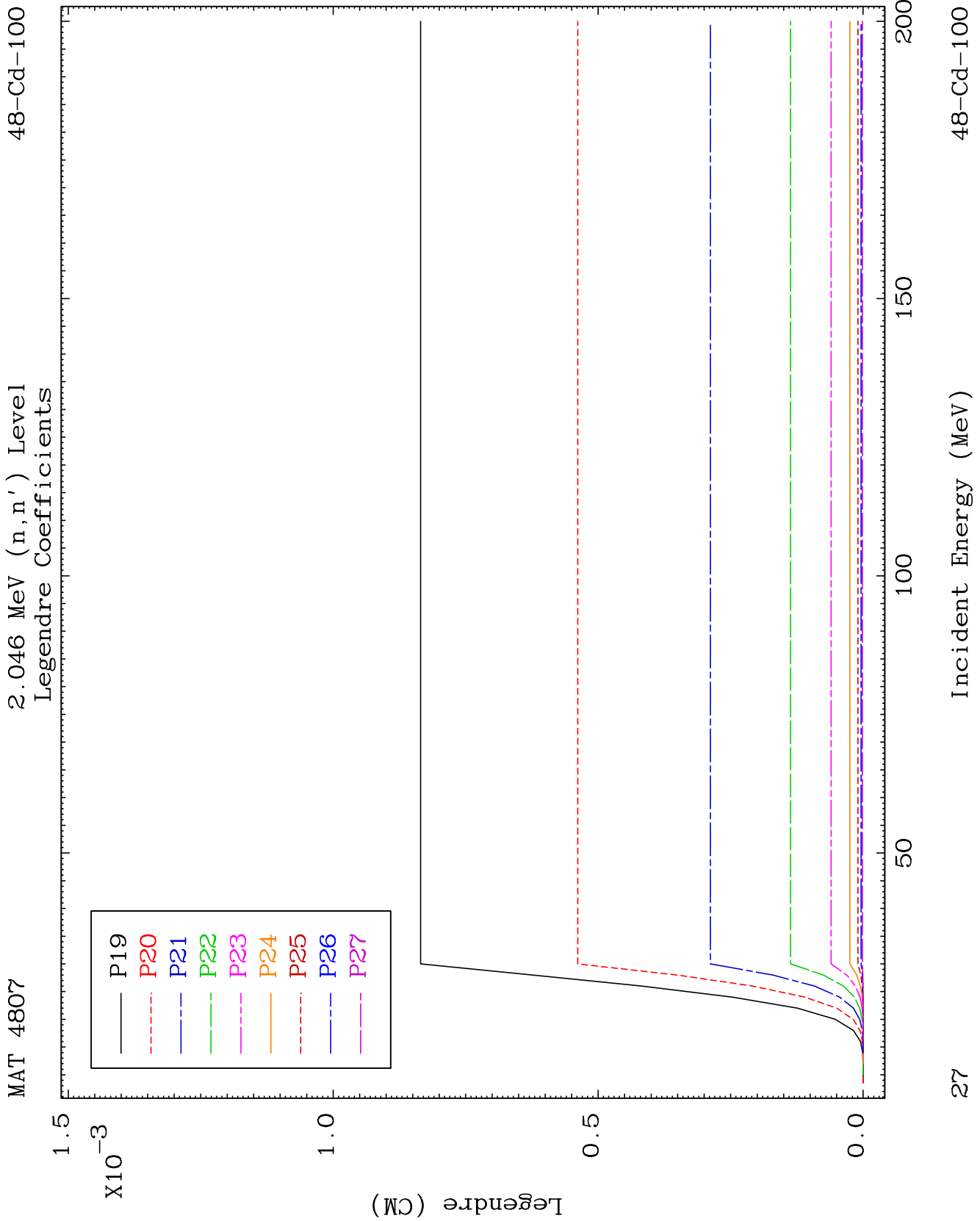
48-Cd-100

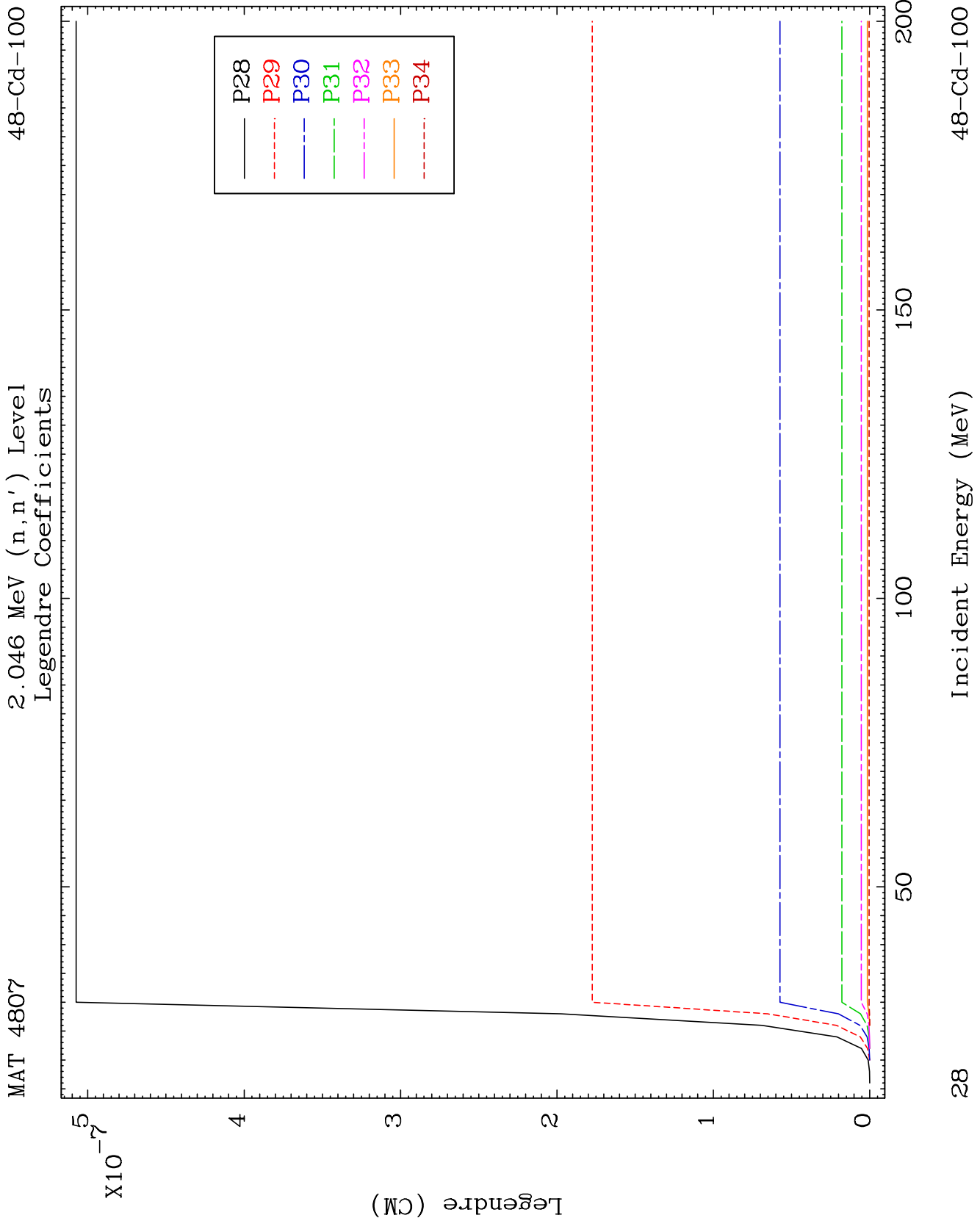


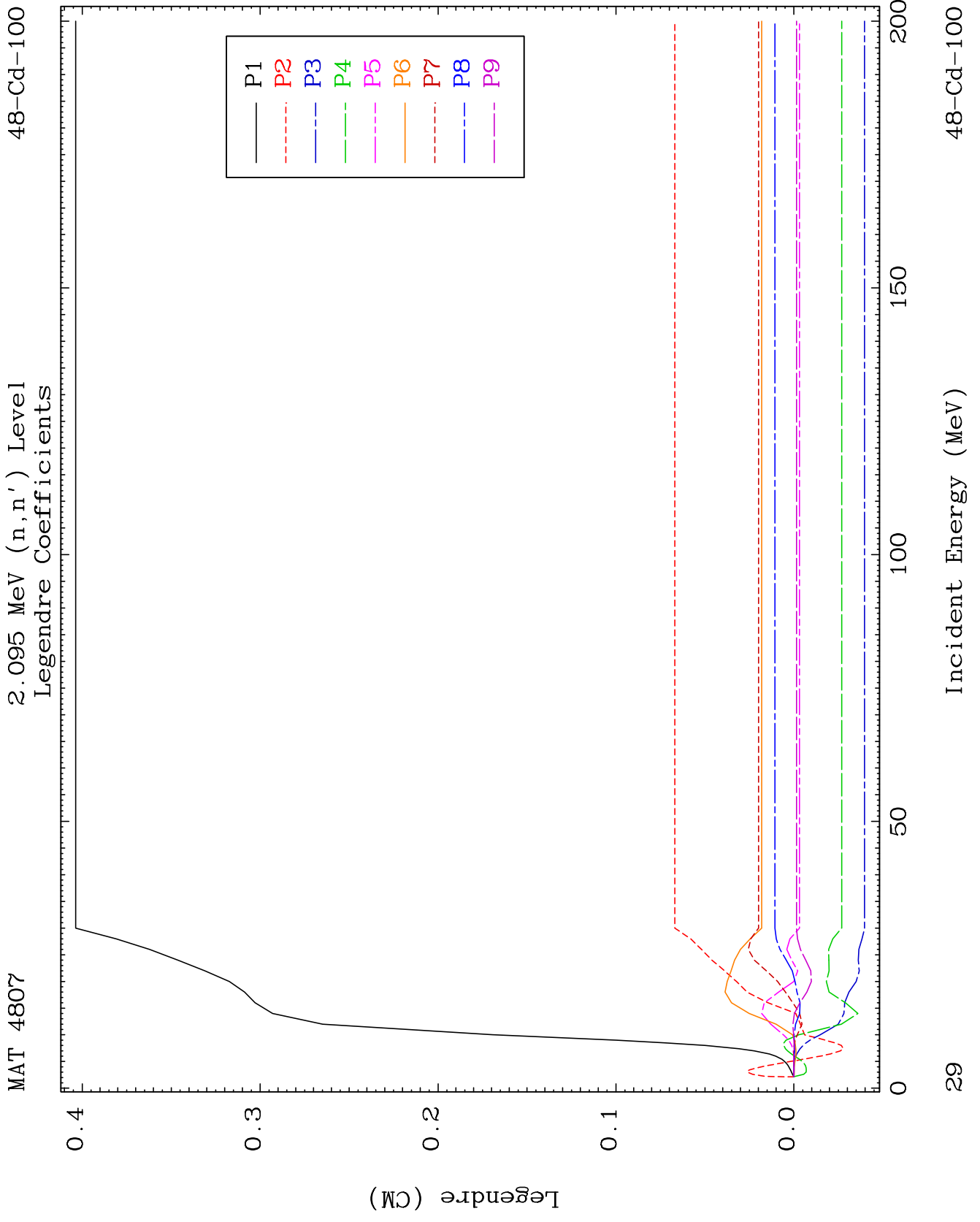
23

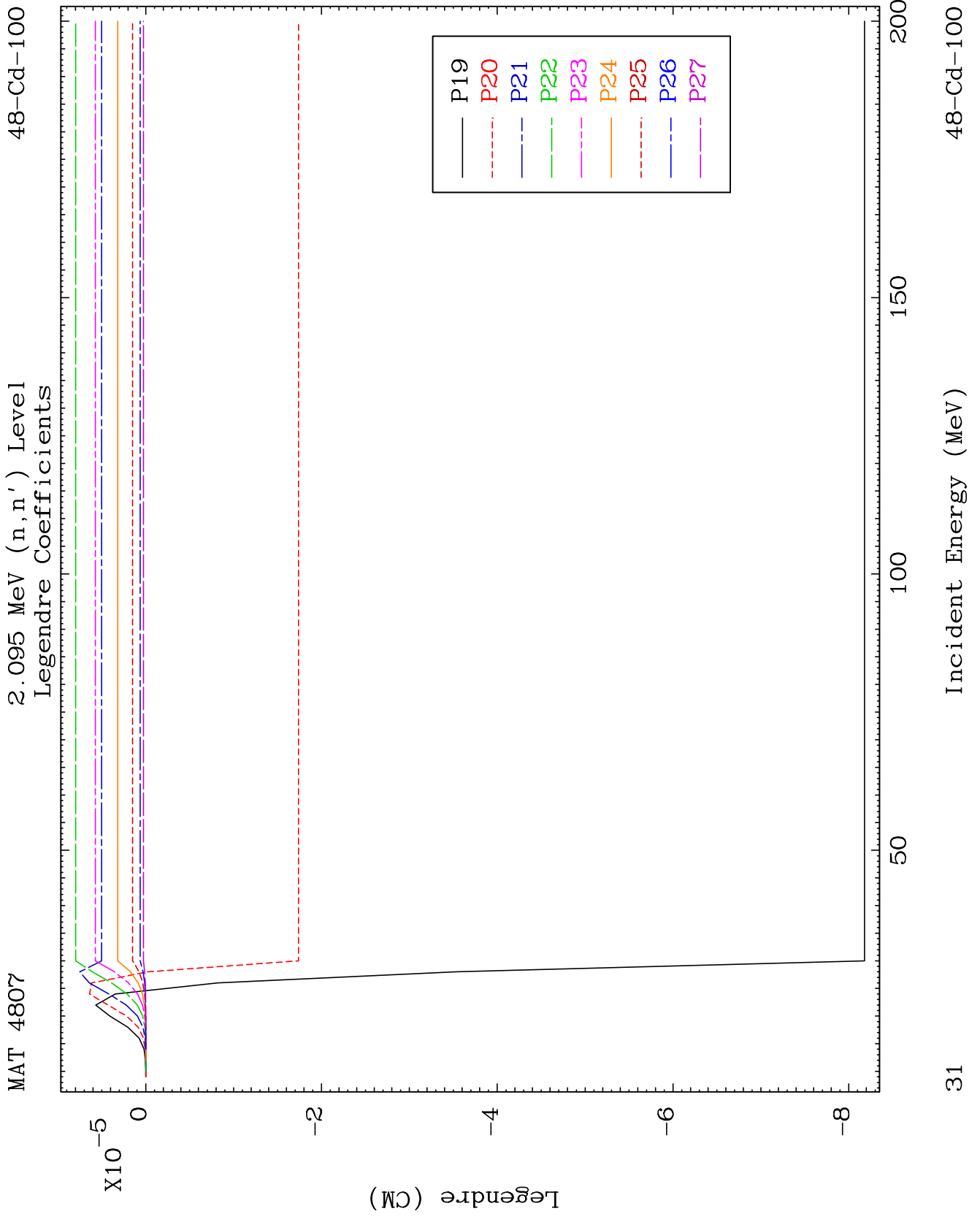


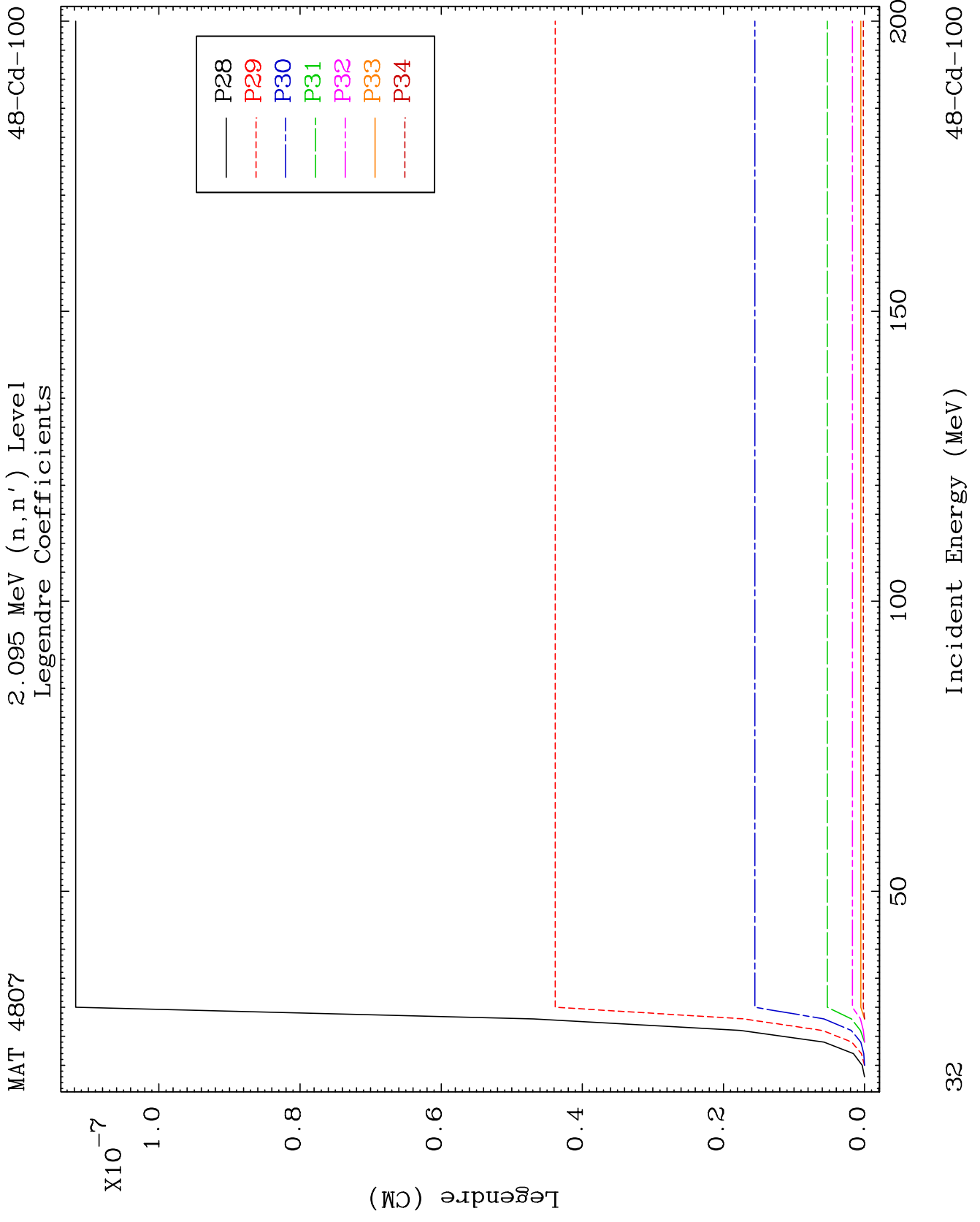








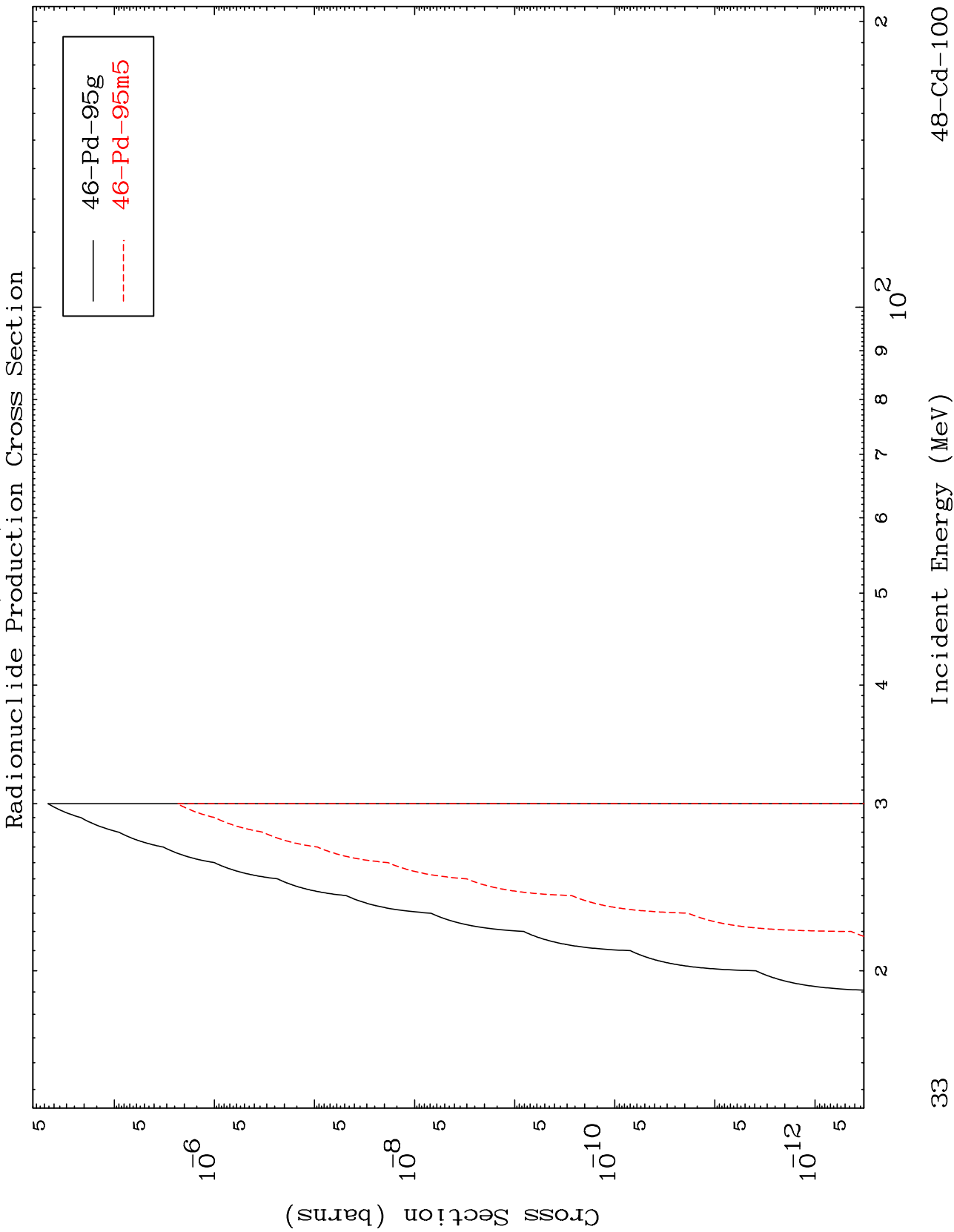




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(n,2n) α

48-Cd-100



33

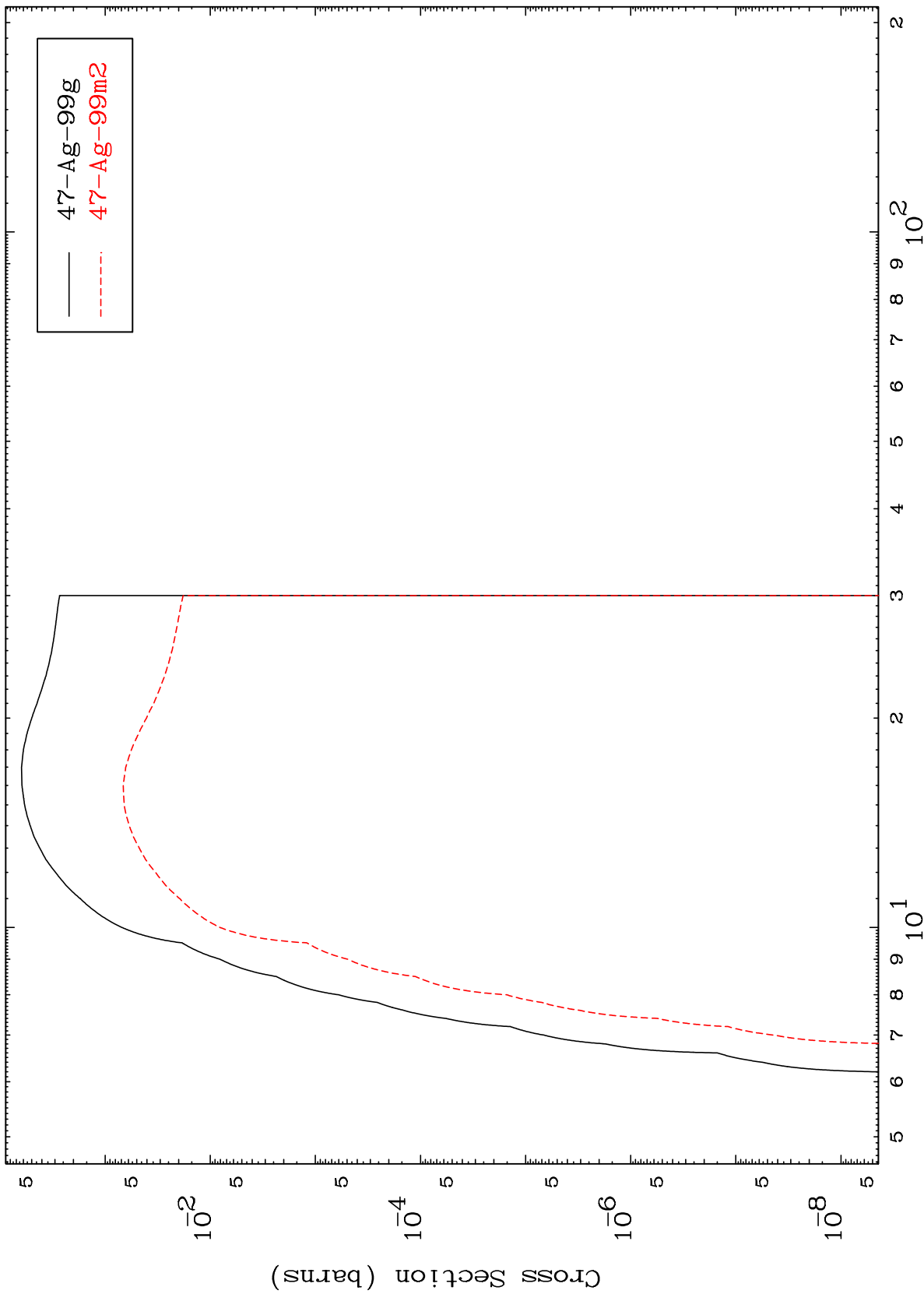
48-Cd-100

MAT 4807

(n,n') p

48-Cd-100

Radionuclide Production Cross Section



34

Incident Energy (MeV)

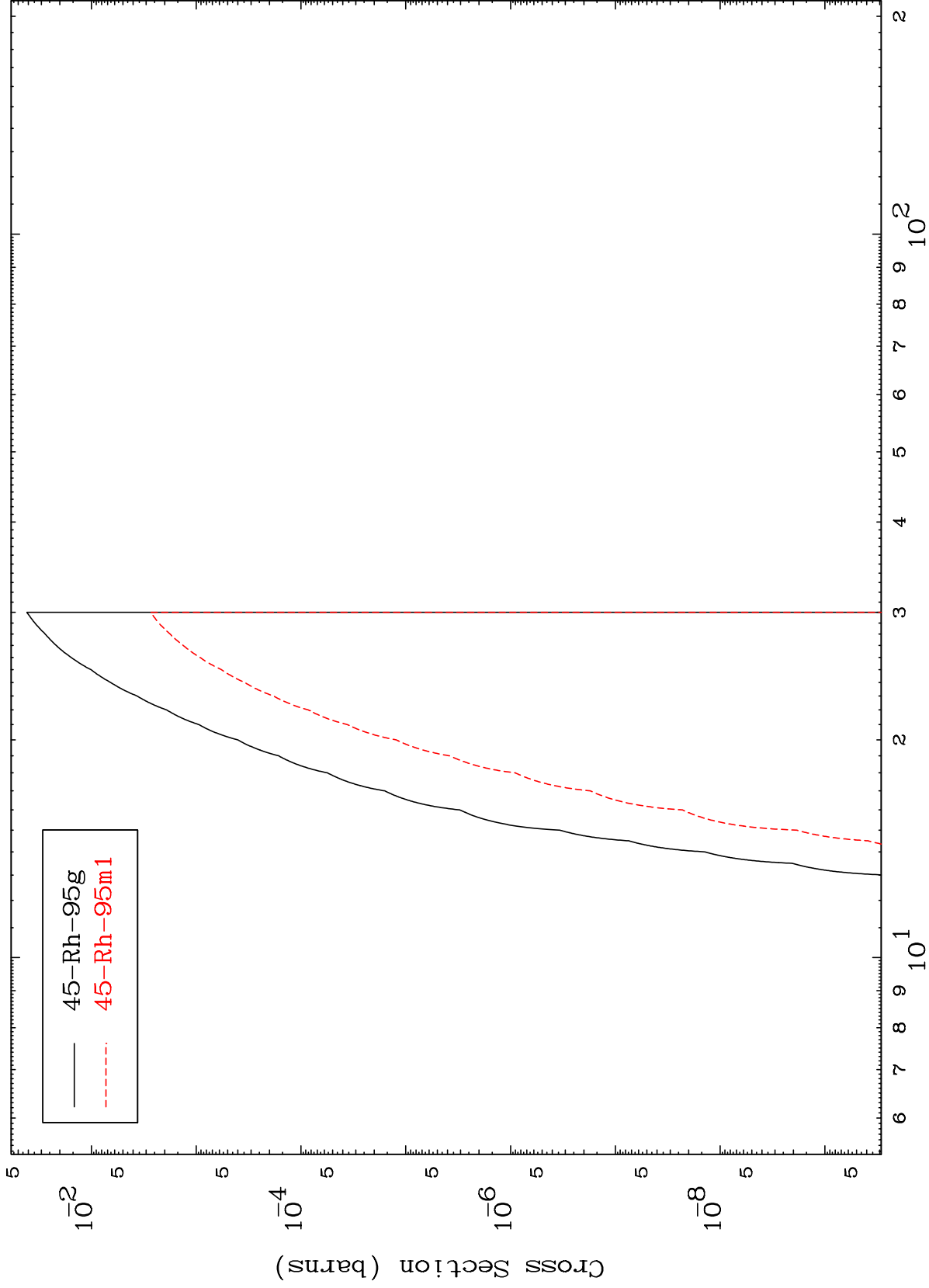
48-Cd-100

MAT 4807

(n,n') p α

48-Cd-100

Radionuclide Production Cross Section



35

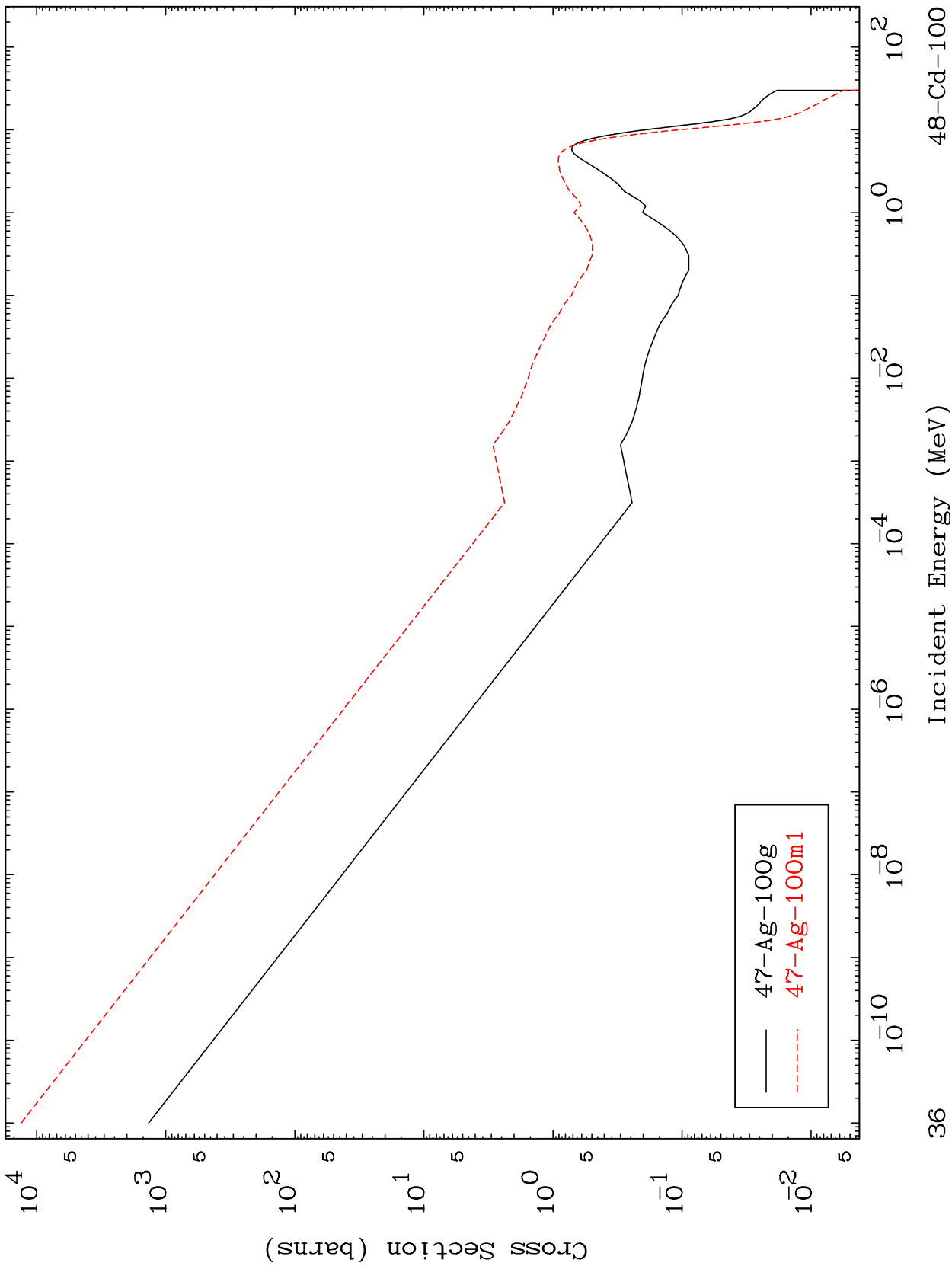
Incident Energy (MeV)

48-Cd-100

MAT 4807

48-Cd-100

(n,p)
Radionuclide Production Cross Section



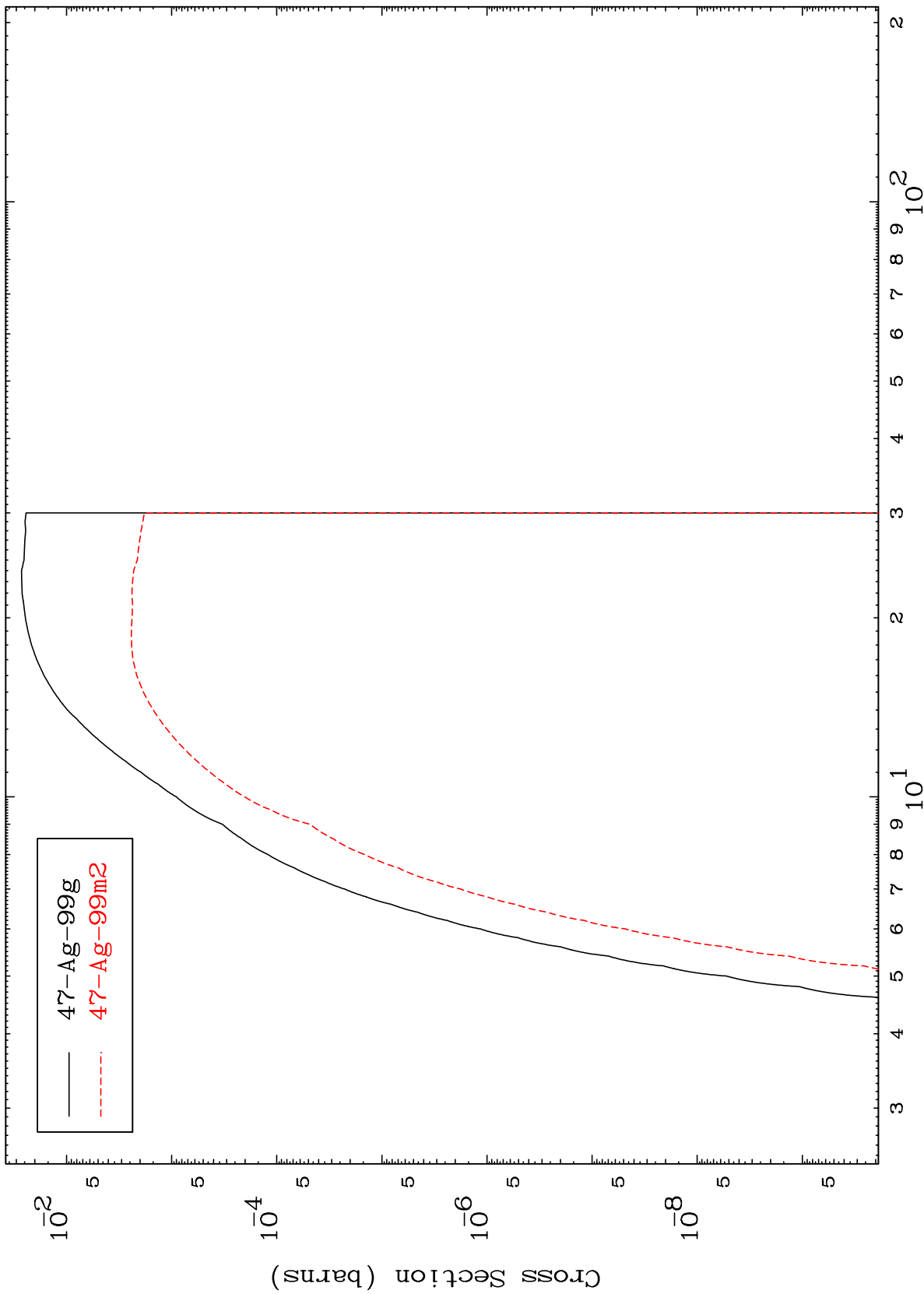
36

48-Cd-100

MAT 4807

48-Cd-100

(n,d)
Radionuclide Production Cross Section



37

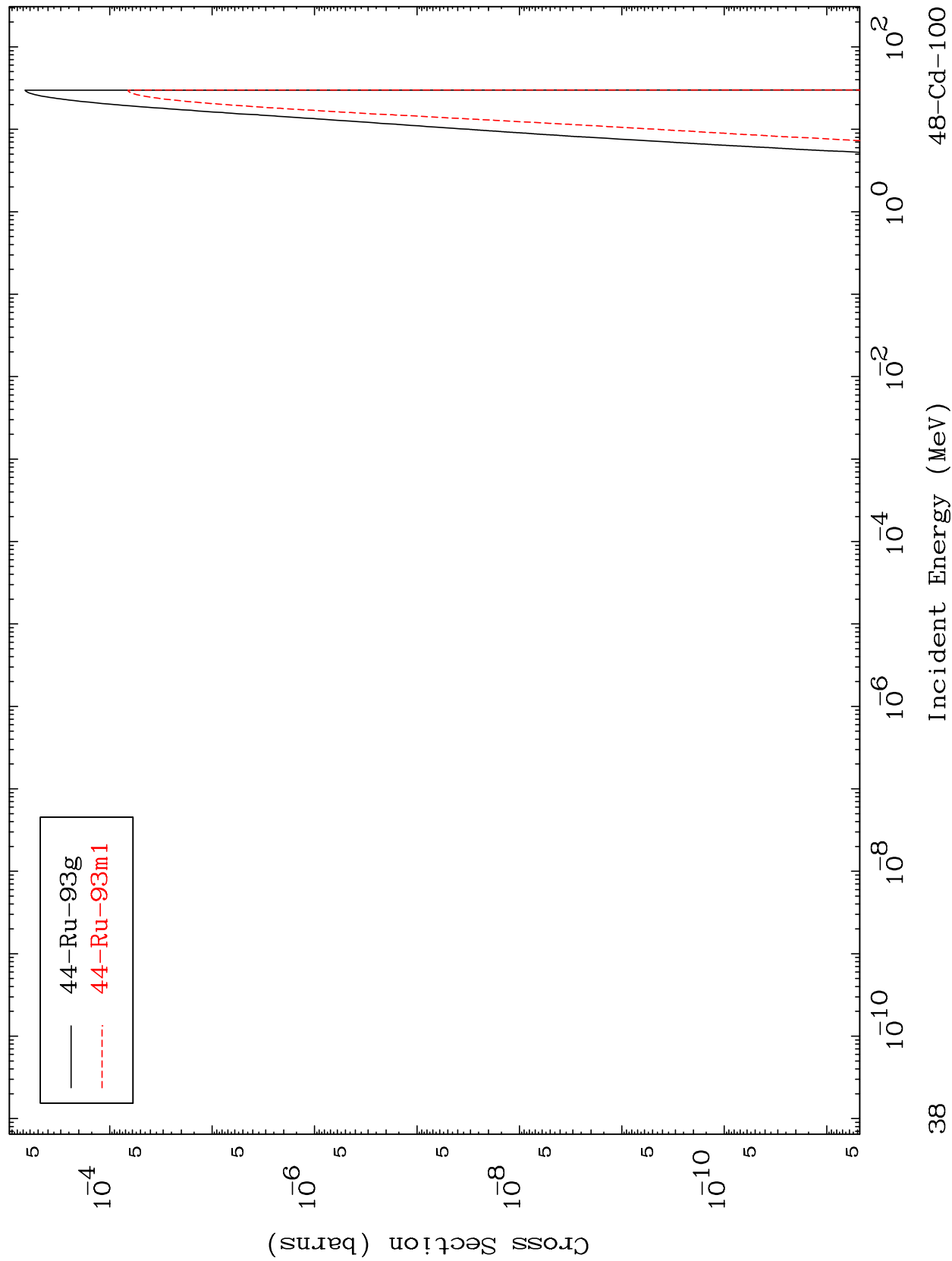
Incident Energy (MeV)

48-Cd-100

MAT 4807

48-Cd-100

(n,2α)
Radionuclide Production Cross Section

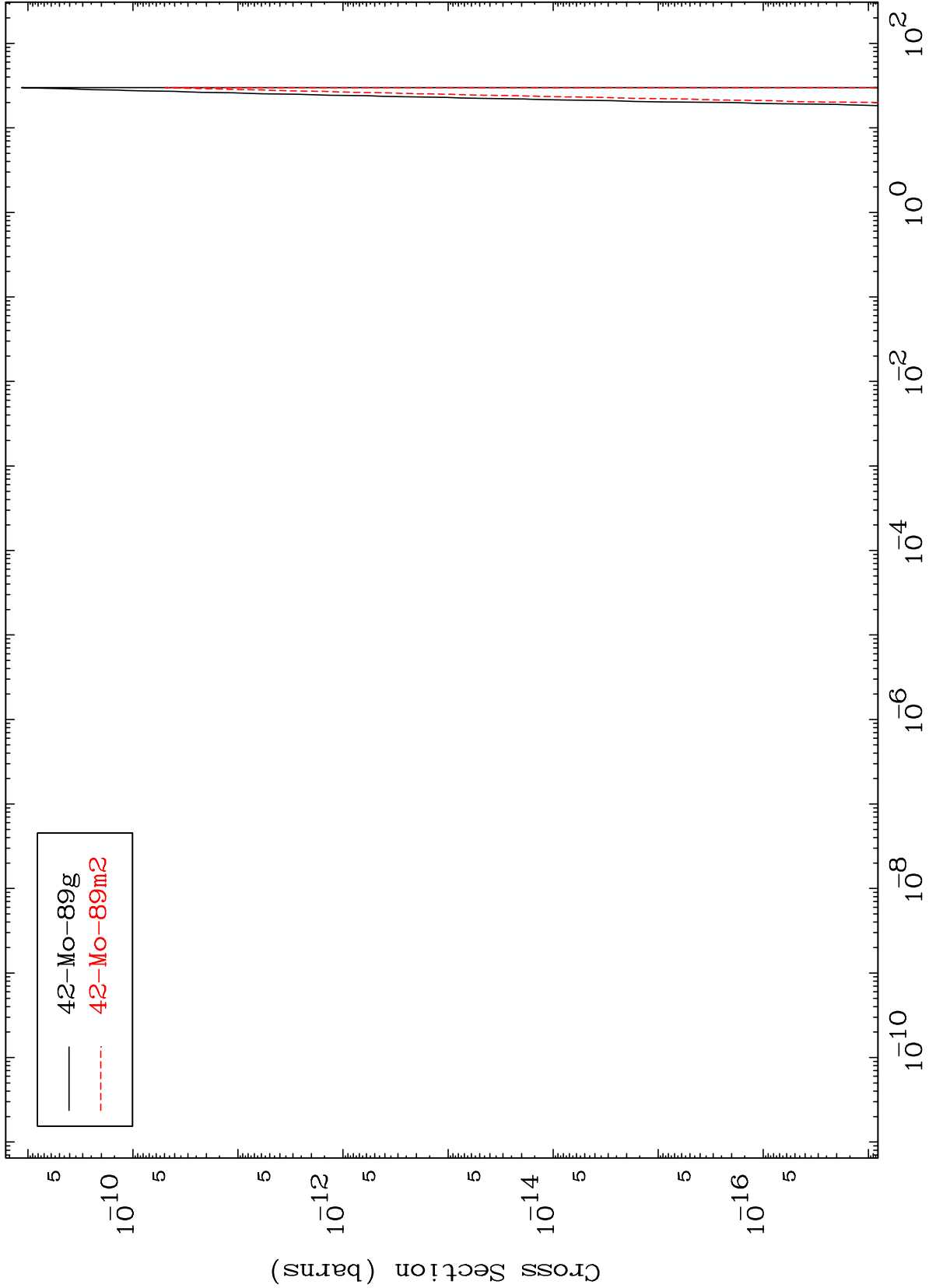


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(n,3 α)

48-Cd-100

Radionuclide Production Cross Section



39

Incident Energy (MeV)

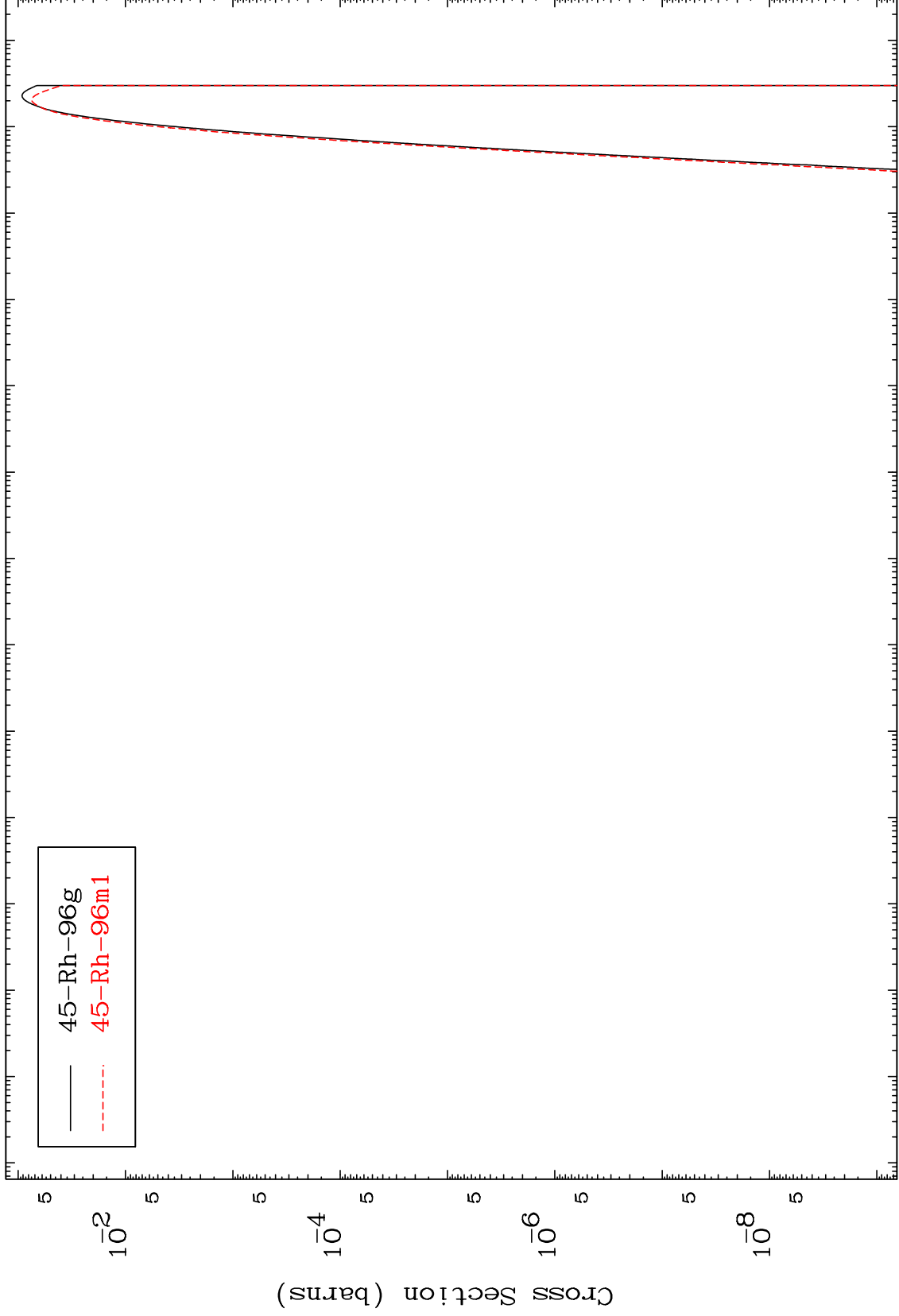
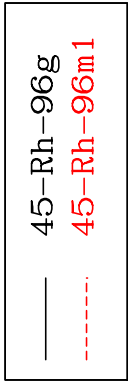
48-Cd-100

MAT 4807

(n,p) α

48-Cd-100

Radionuclide Production Cross Section



10⁻¹⁰ 10⁻⁸ 10⁻⁶ 10⁻⁴ 10⁻² 10⁰ 10²

40

Incident Energy (MeV)

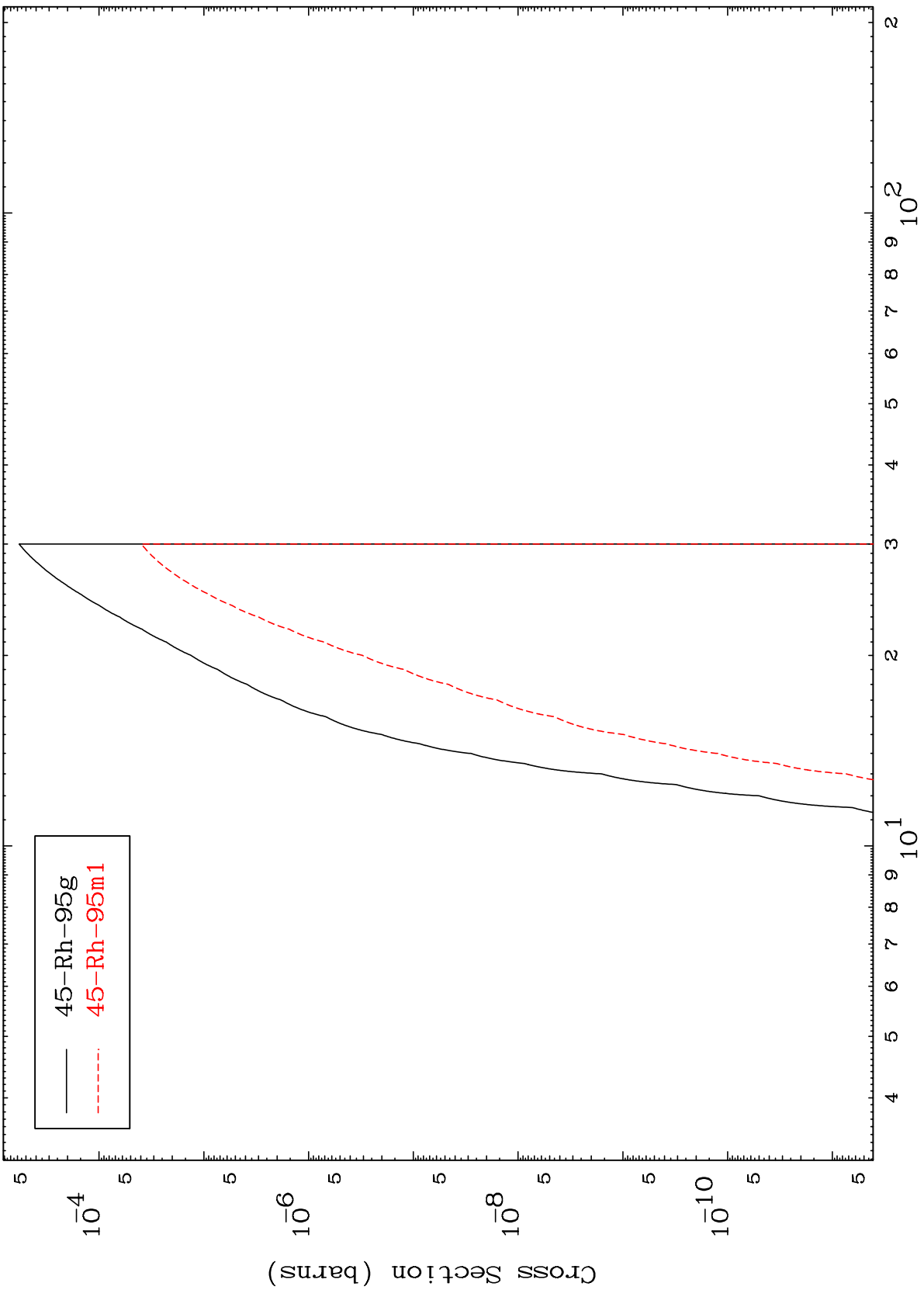
48-Cd-100

MAT 4807

(n,d) α

48-Cd-100

Radionuclide Production Cross Section



45-Rh-95g
45-Rh-95m1

41

Incident Energy (MeV)

48-Cd-100