

Program EVALPLOT
(Version 2015-2)

by

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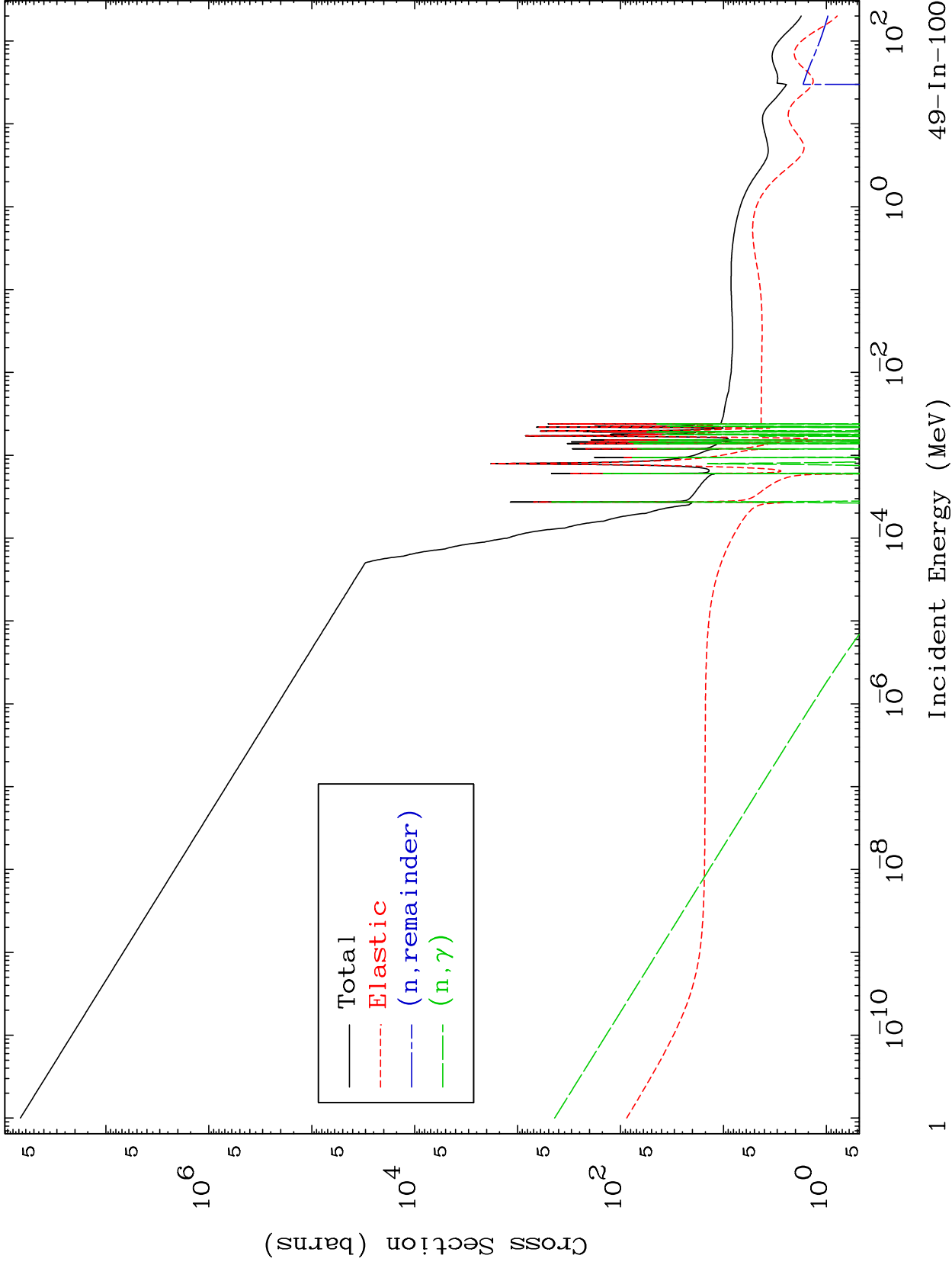
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 4886

Major
293 Kelvin Cross Sections

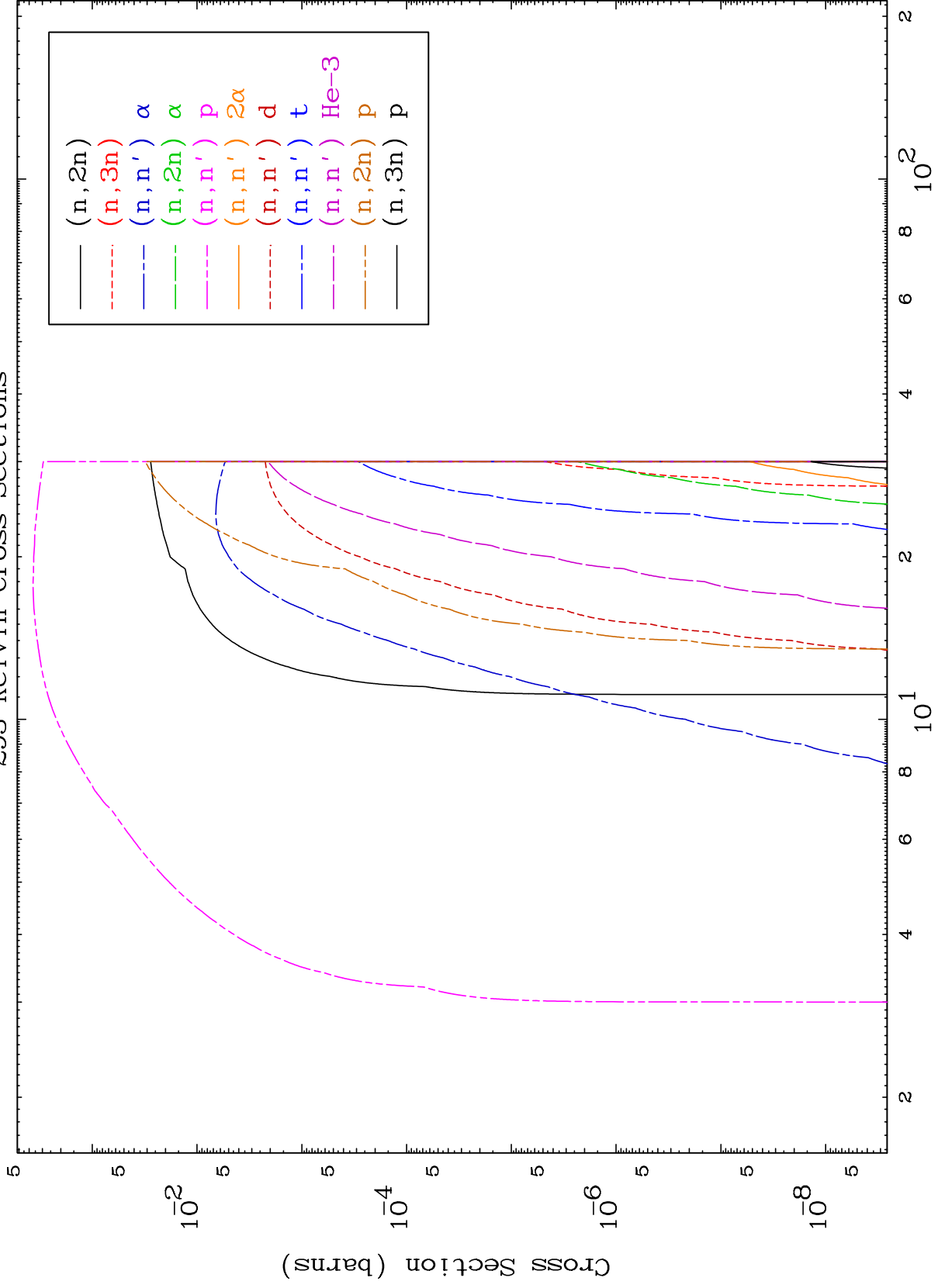
49-In-100



MAT 4886

Neutron Production
293 Kelvin Cross Sections

49-In-100



2

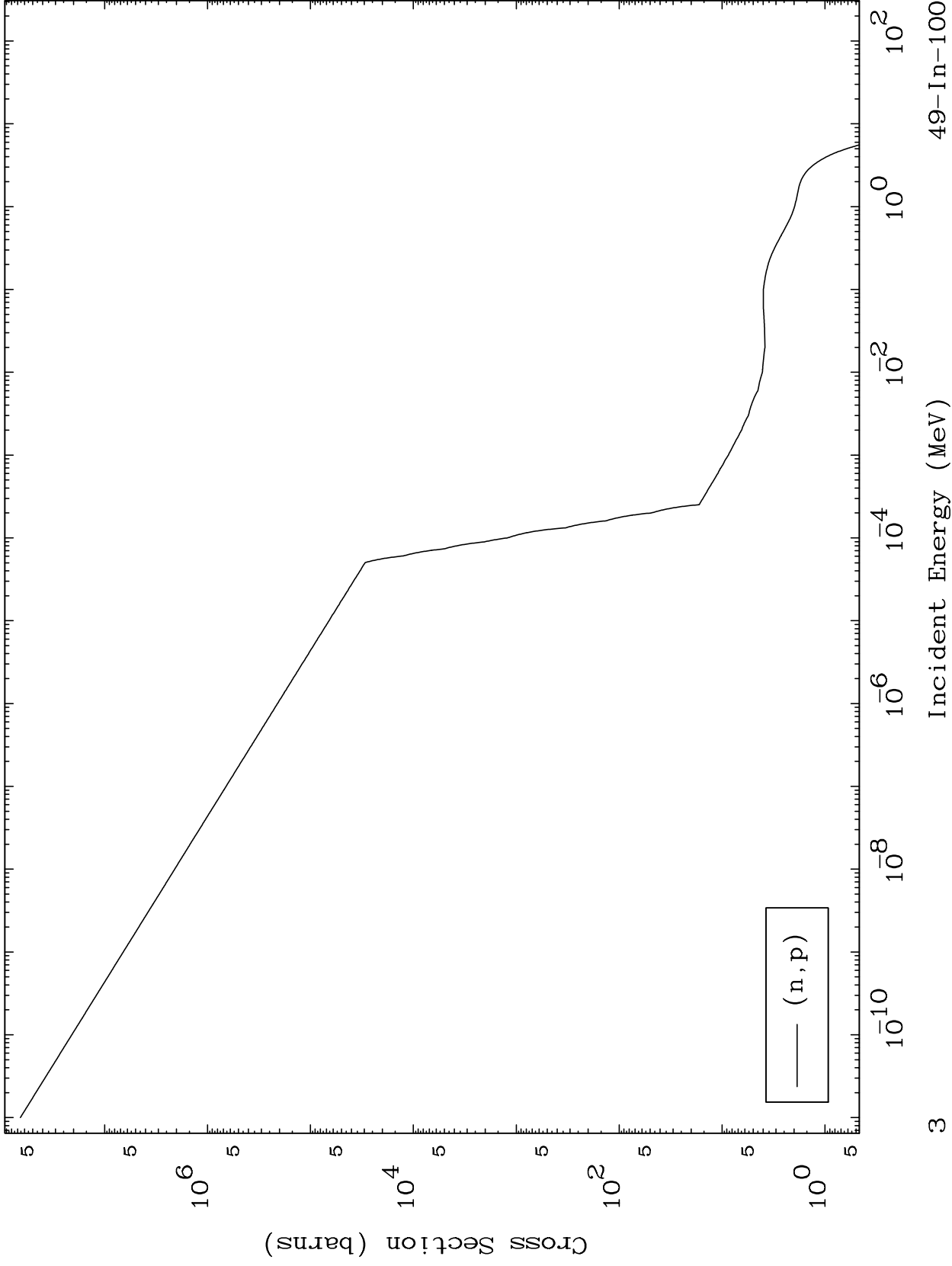
Incident Energy (MeV)

49-In-100

MAT 4886

Charged Particle
293 Kelvin Cross Sections

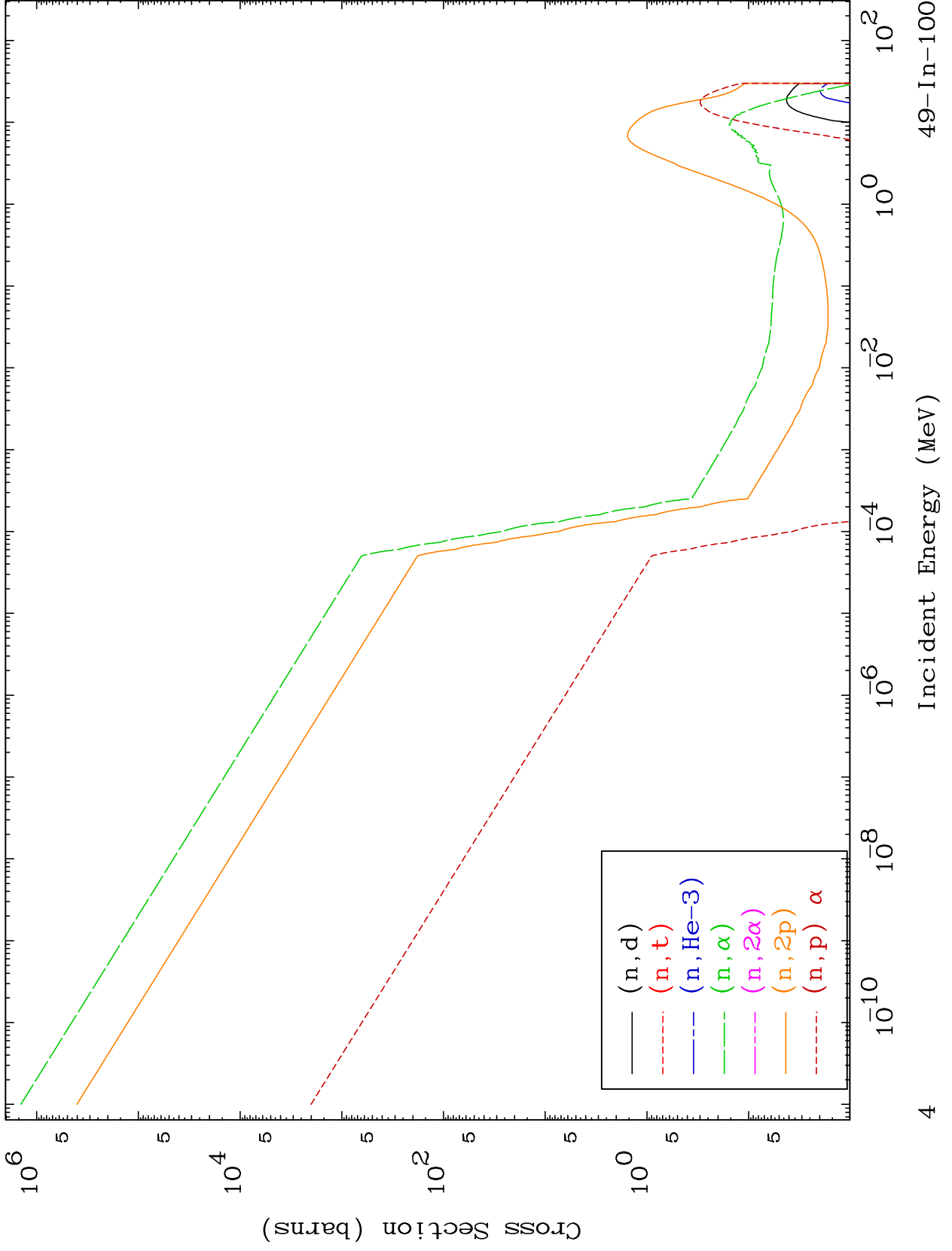
49-In-100



MAT 4886

Charged Particle
293 Kelvin Cross Sections

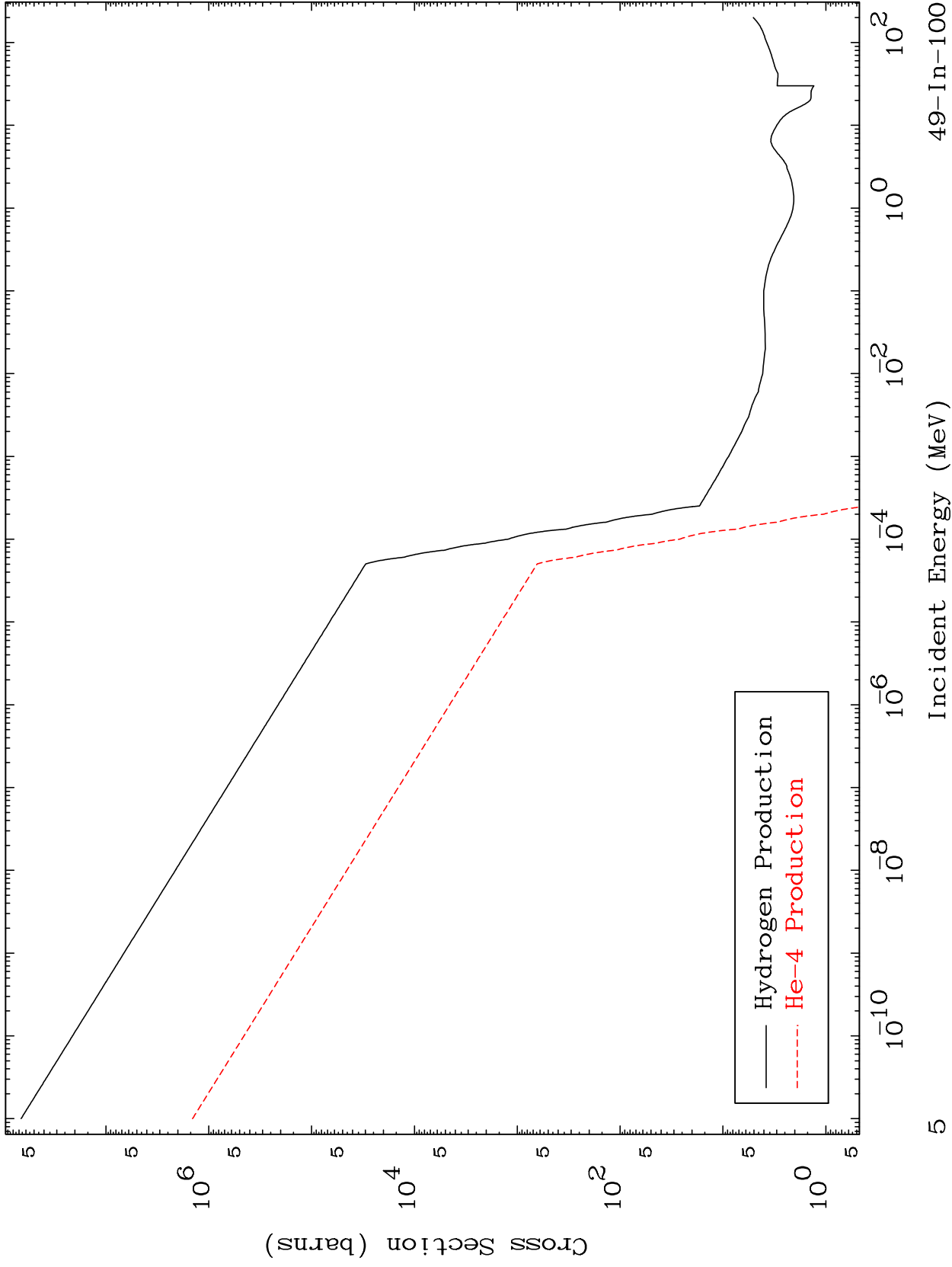
49-In-100



MAT 4886

Particle Production
293 Kelvin Cross Sections

49-In-100

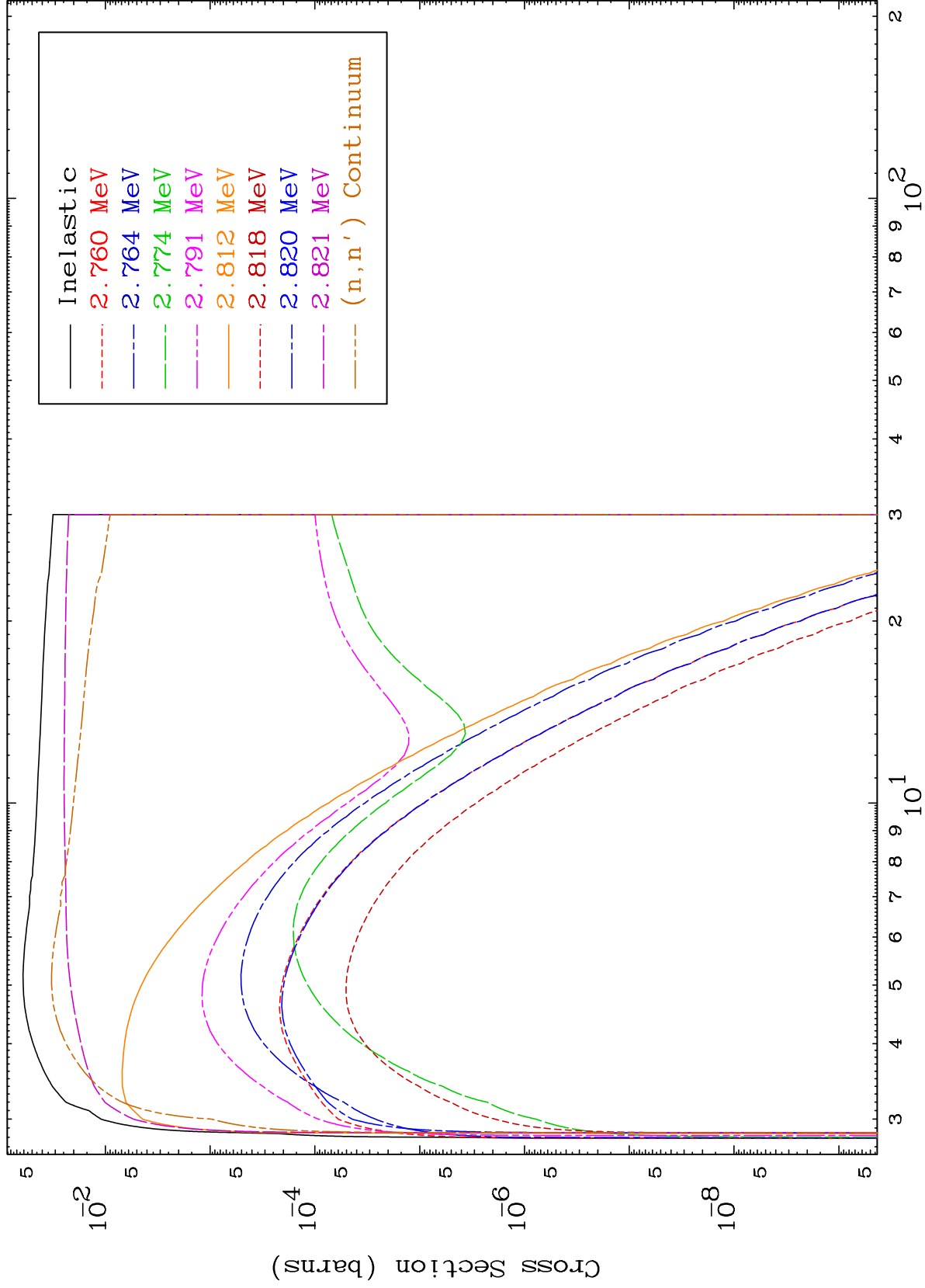


MAT 4886

(n,n') Level

49-In-100

293 Kelvin Cross Sections



6

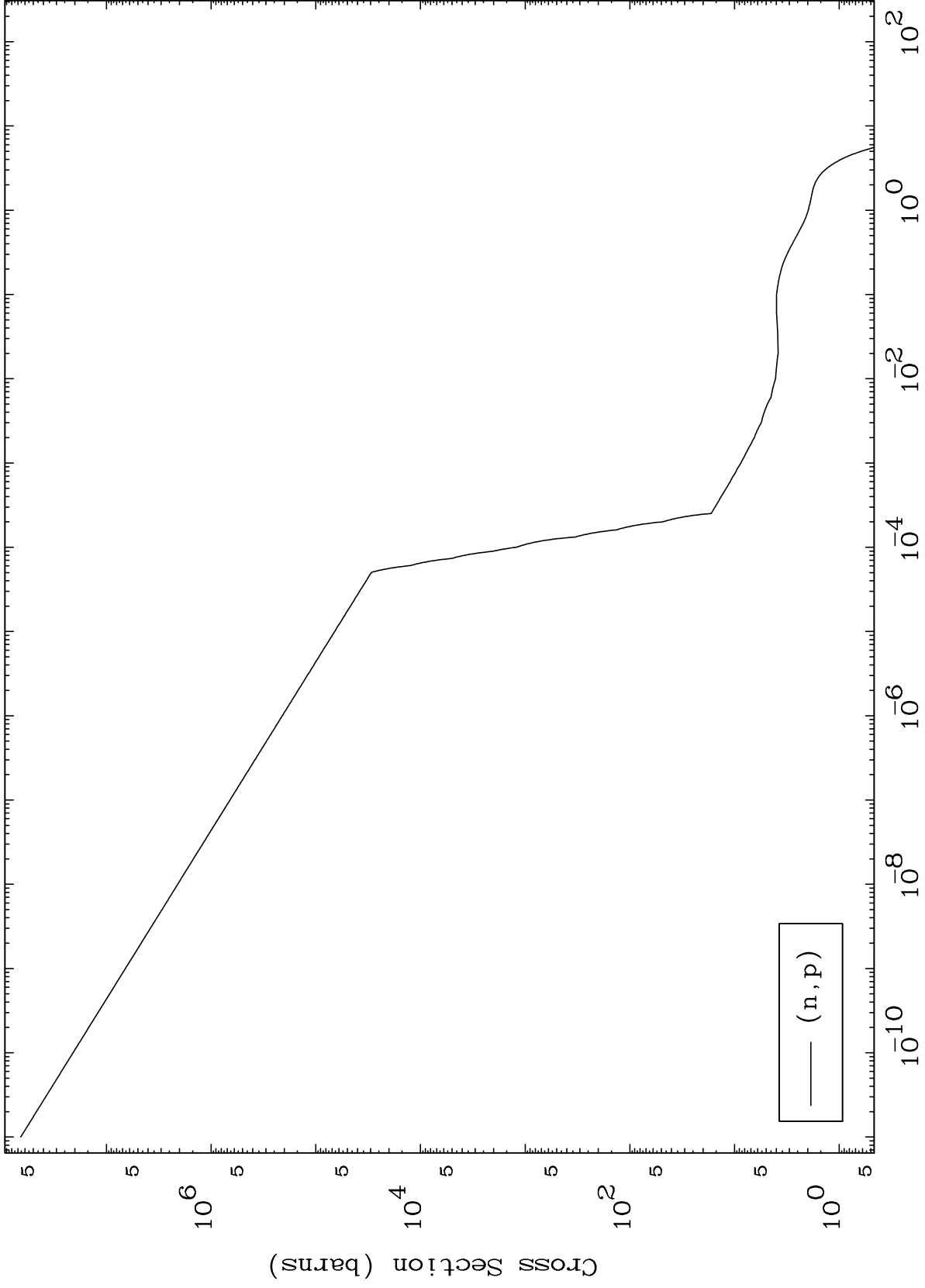
Incident Energy (MeV)

49-In-100

MAT 4886

(n,p) Levels
293 Kelvin Cross Sections

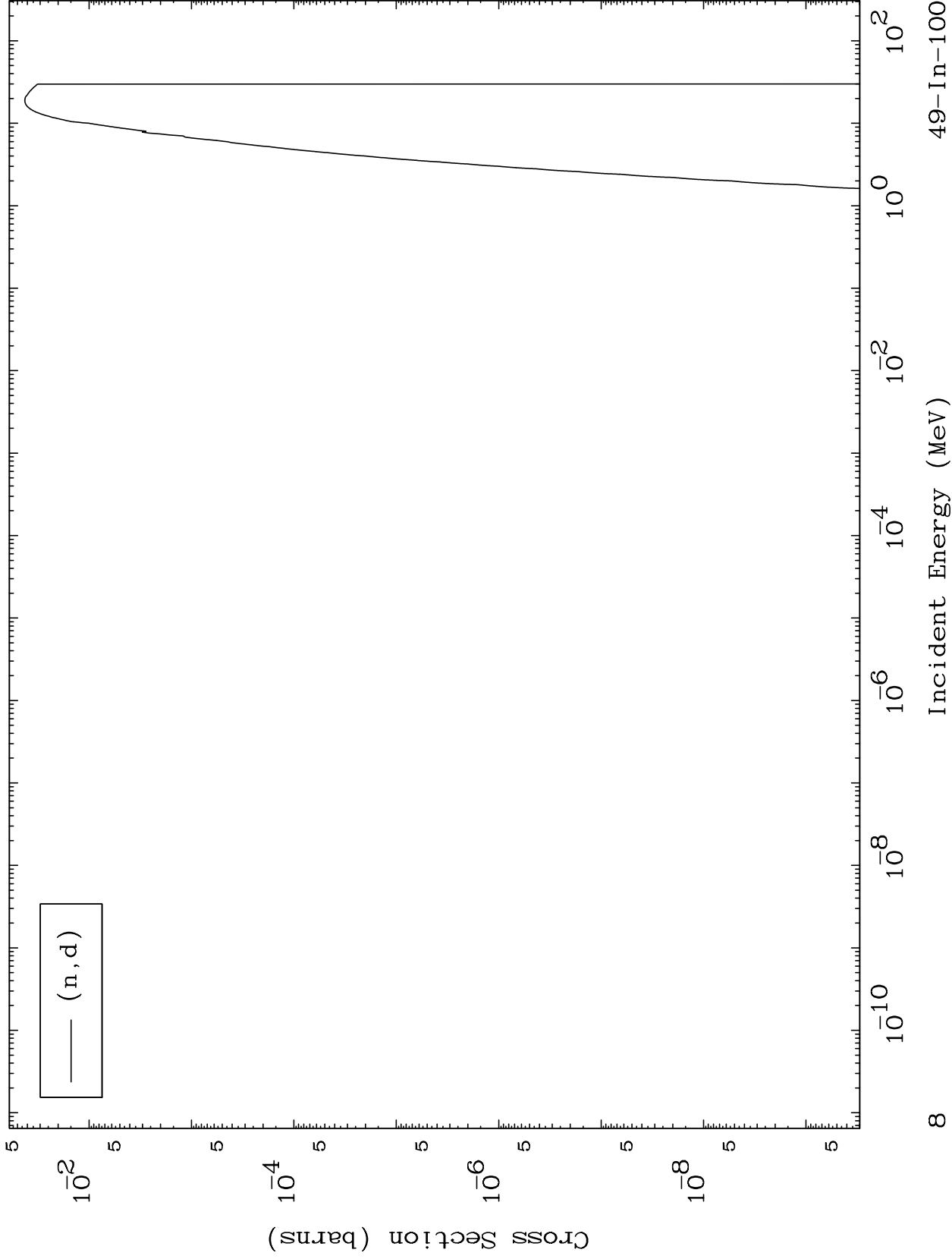
49-In-100



MAT 4886

(n,d) Levels
293 Kelvin Cross Sections

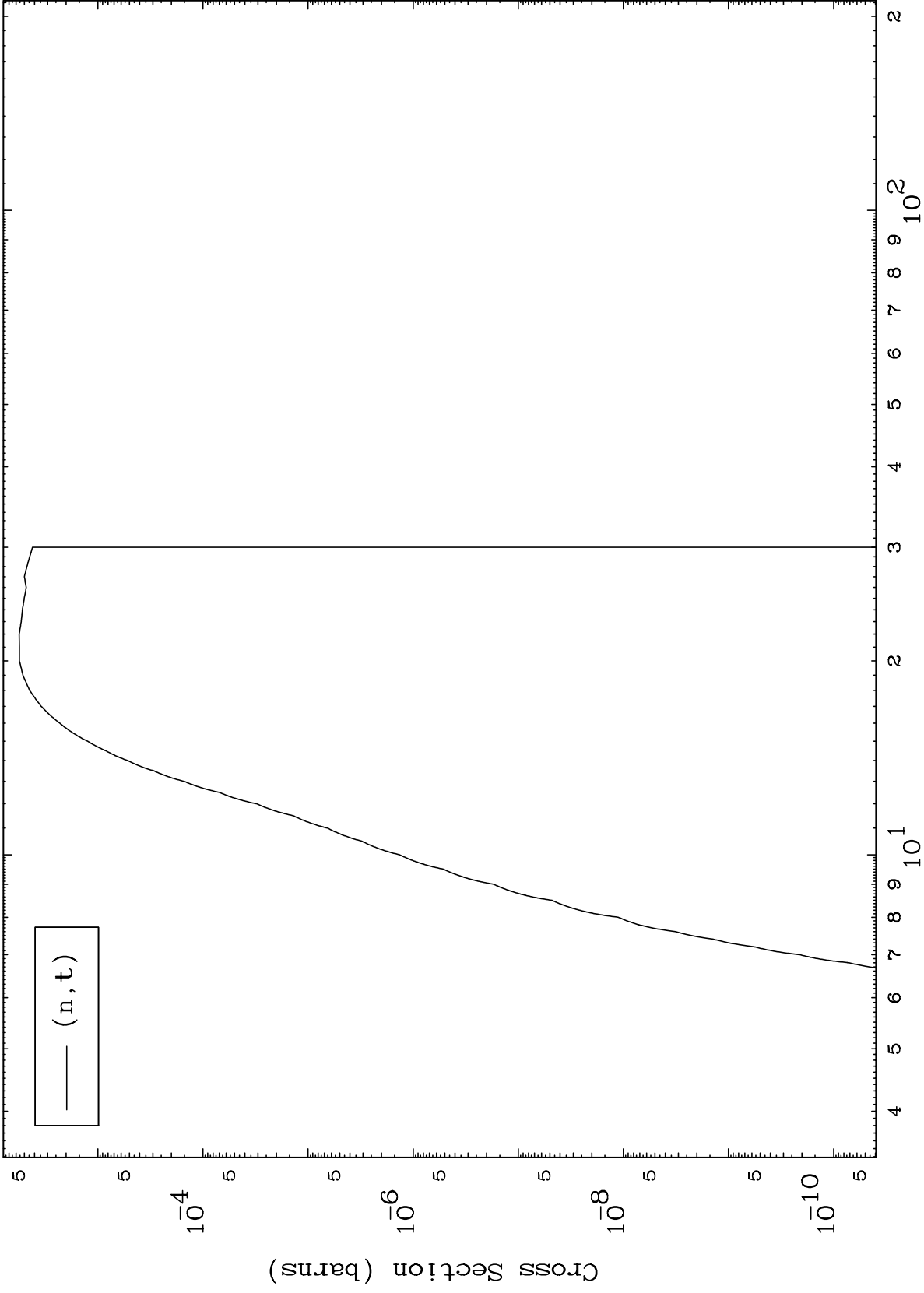
49-In-100



MAT 4886

(n,t) Levels
293 Kelvin Cross Sections

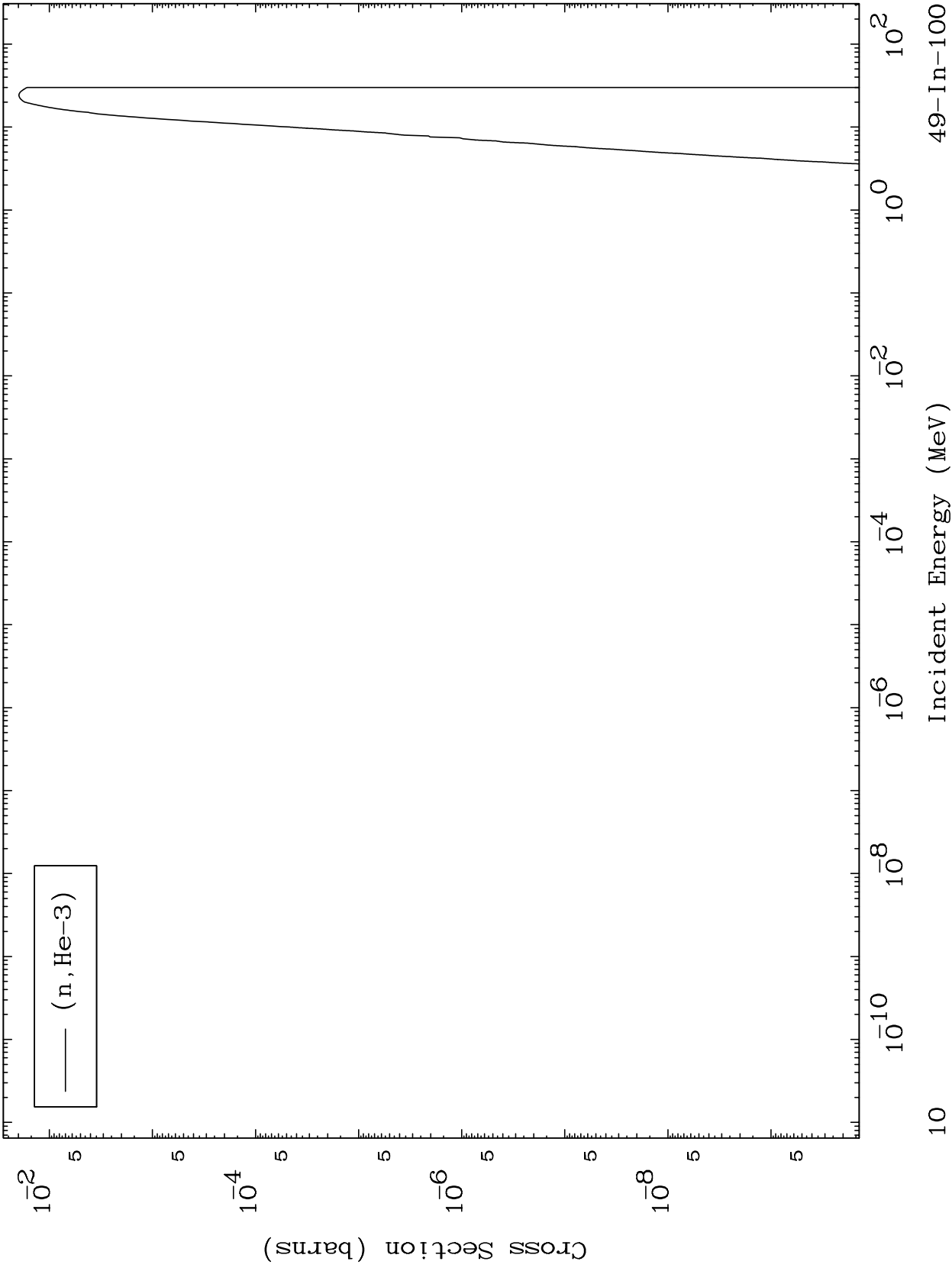
49-In-100



MAT 4886

(n,He3) Levels
293 Kelvin Cross Sections

49-In-100



10

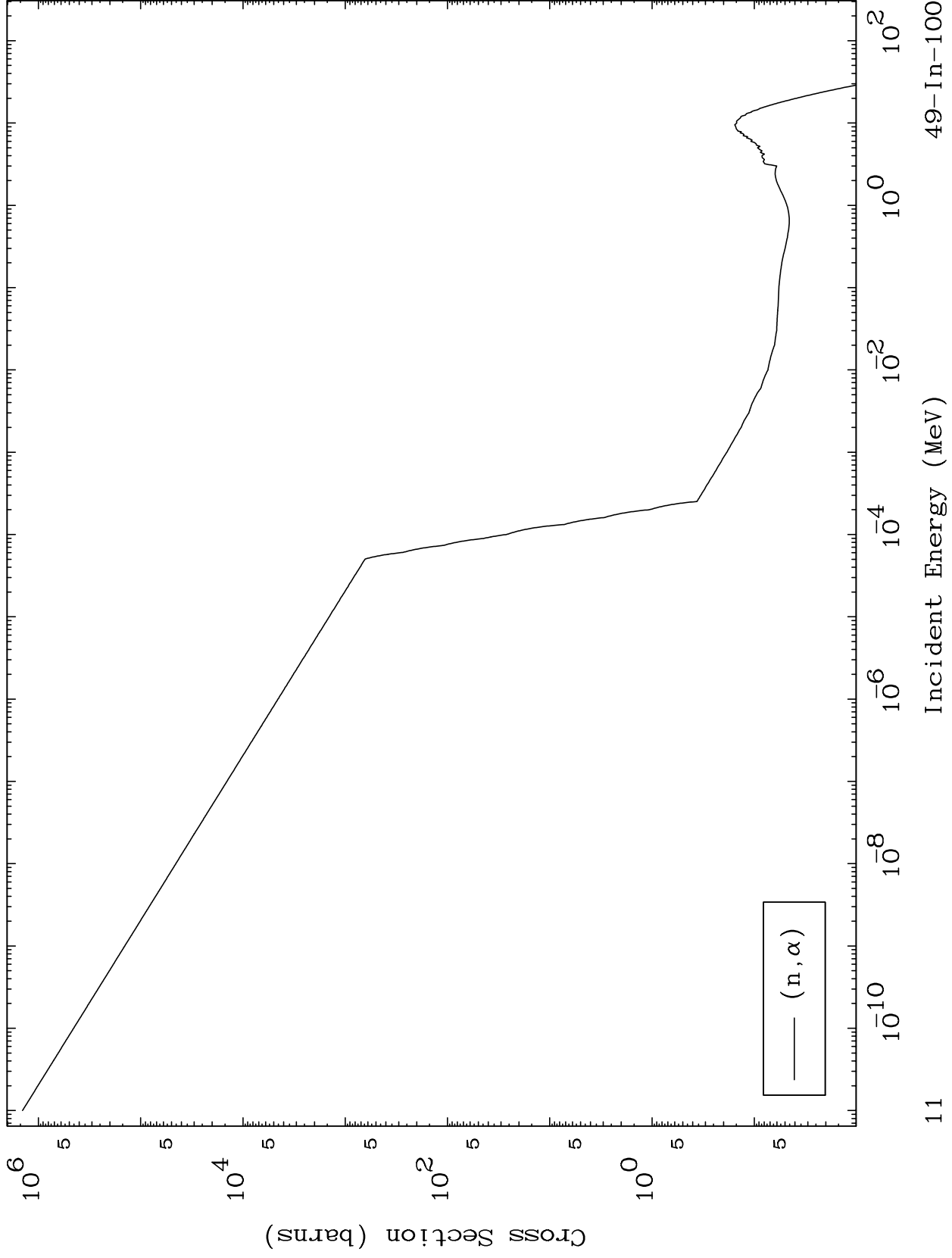
Incident Energy (MeV)

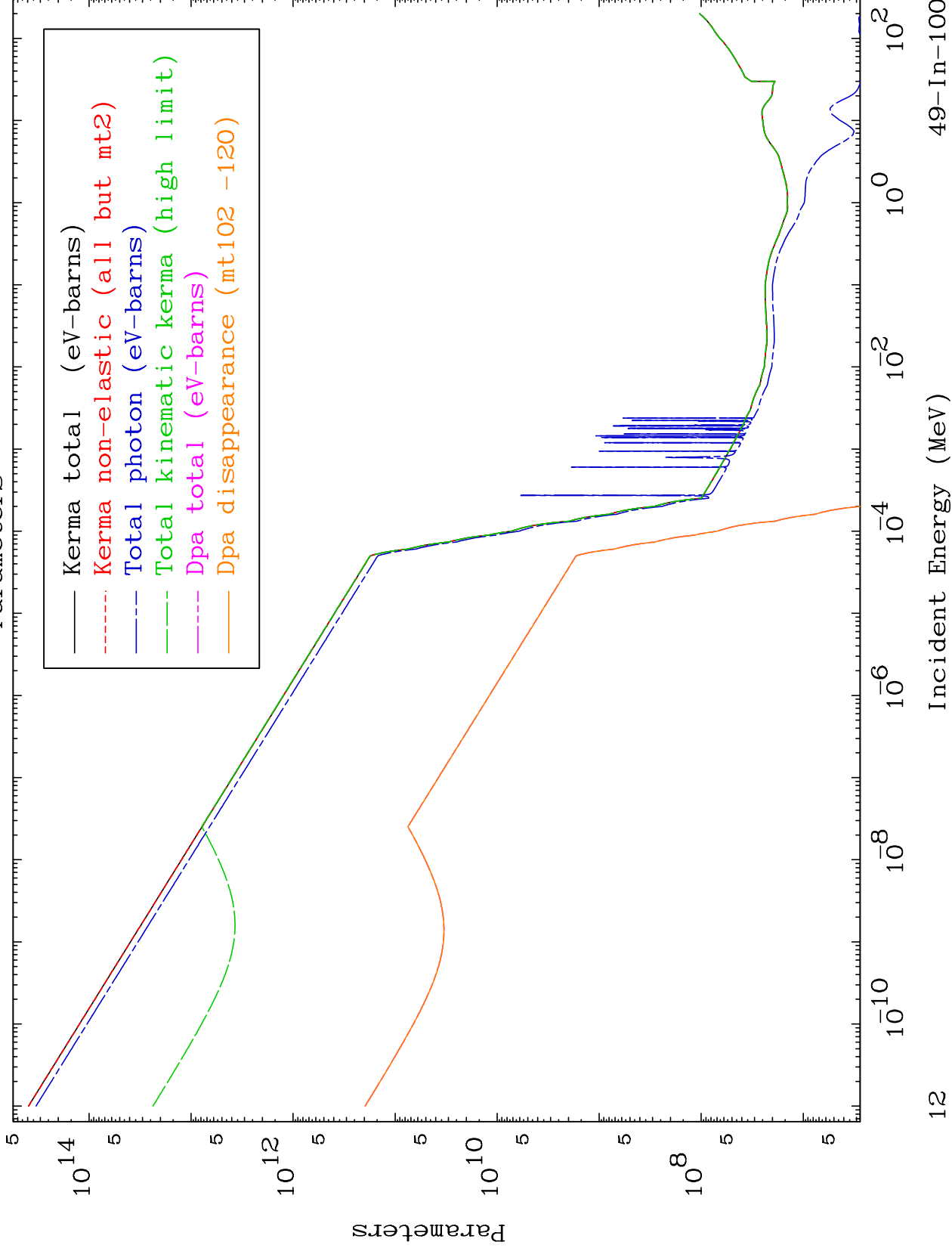
49-In-100

MAT 4886

(n,α) Levels
293 Kelvin Cross Sections

49-In-100

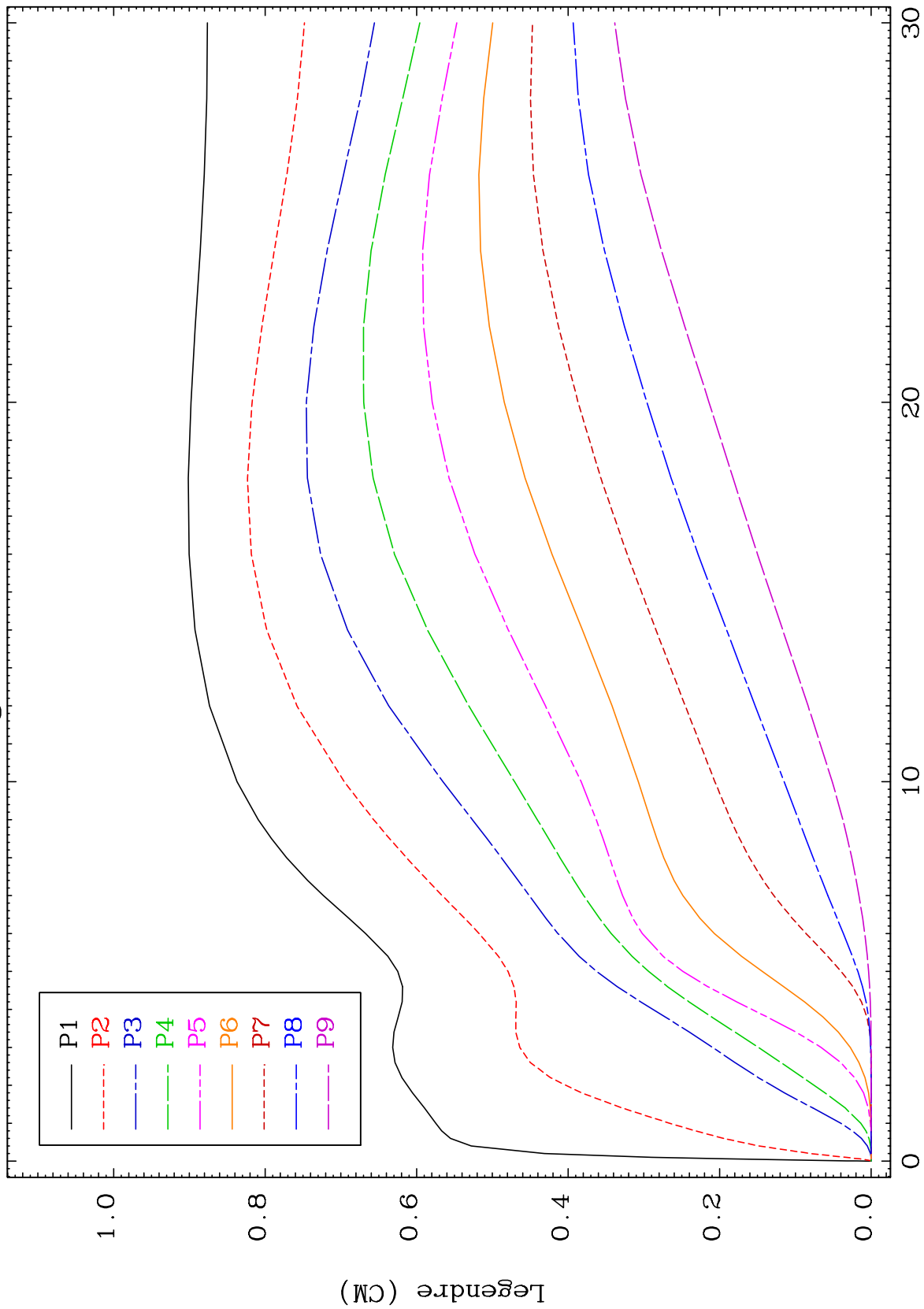




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Elastic Legendre Coefficients

49-In-100



13

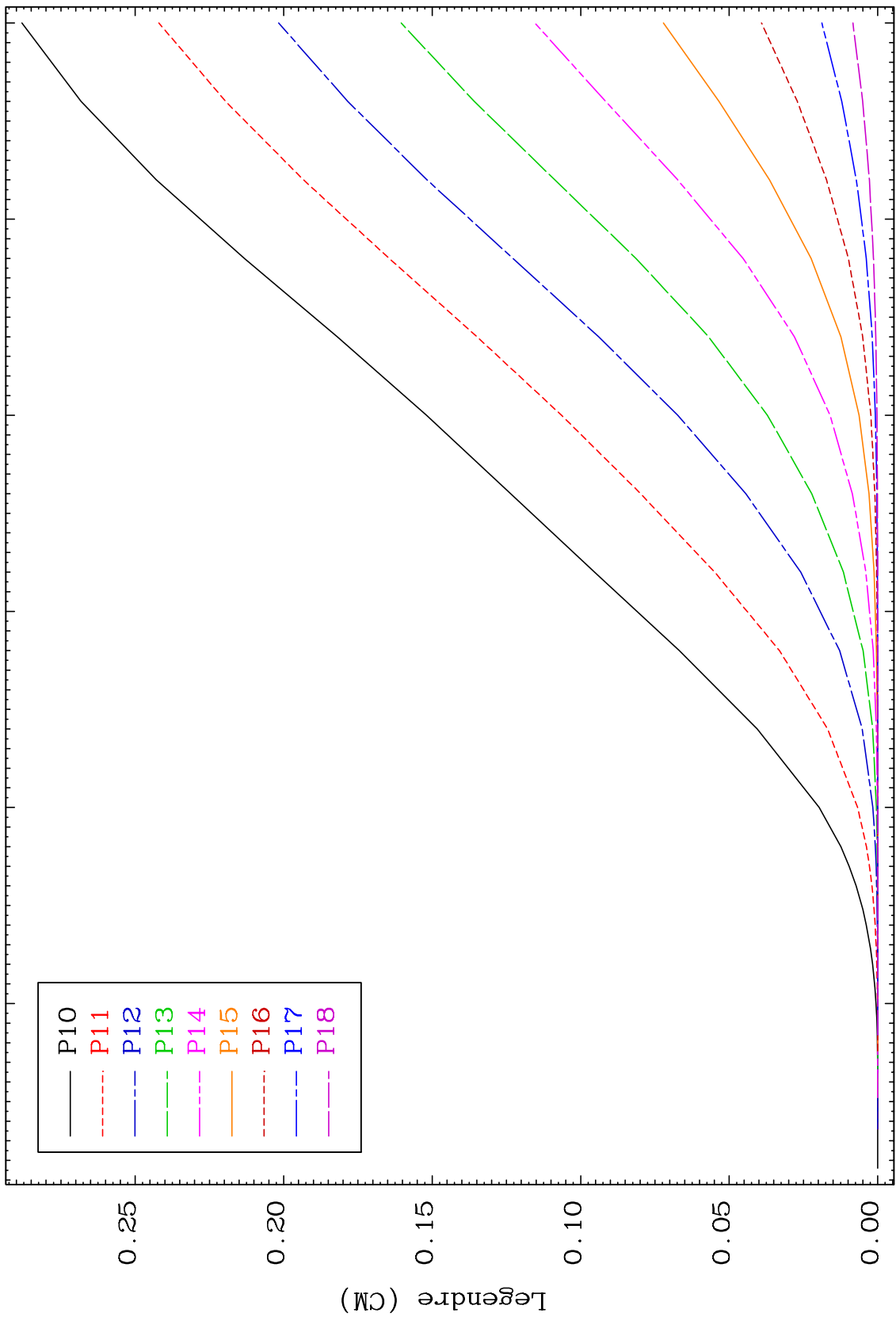
Incident Energy (MeV)

49-In-100

MAT 4886

Elastic Legendre Coefficients

49-In-100



14

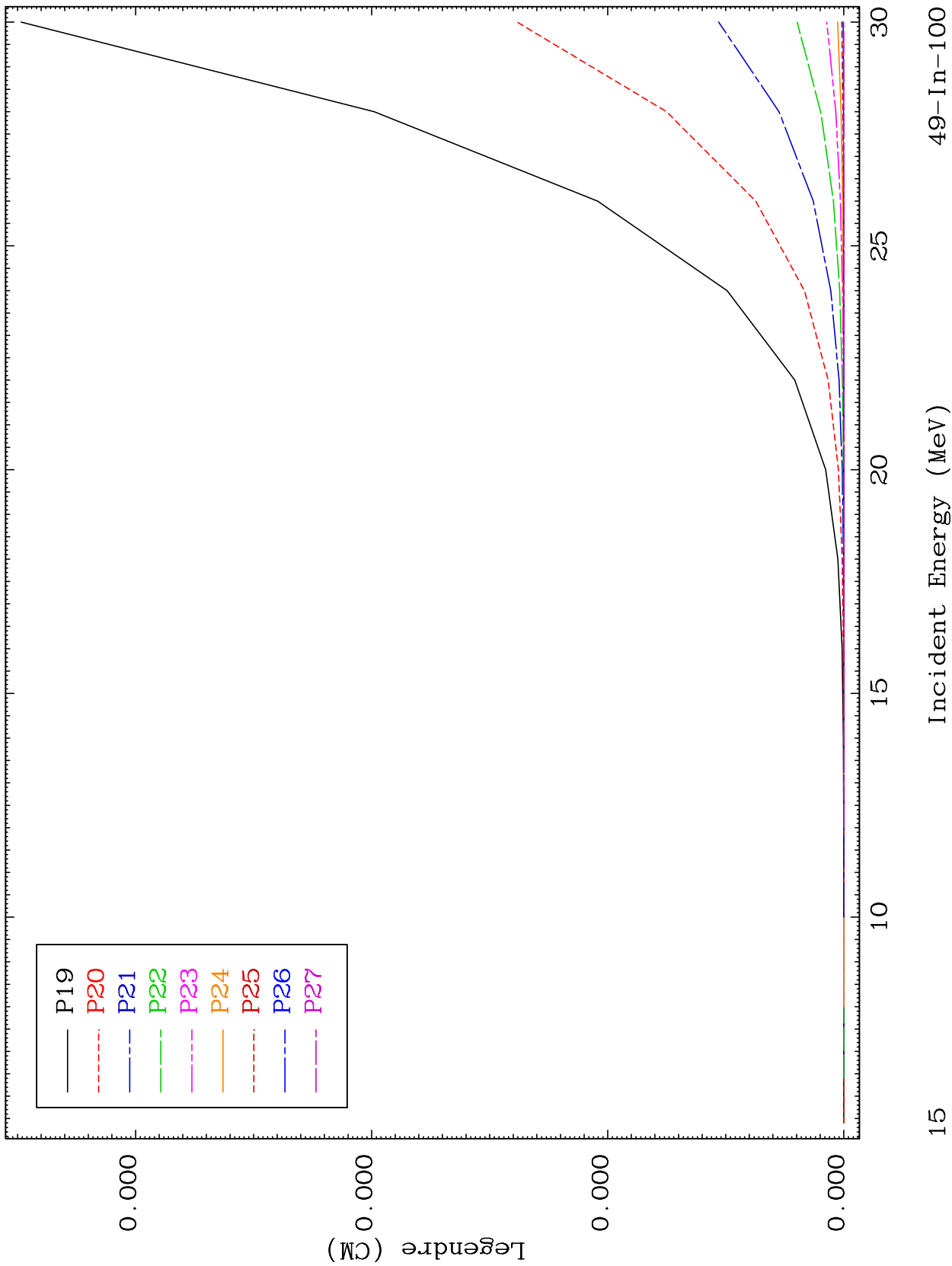
49-In-100

Incident Energy (MeV)

MAT 4886

Elastic Legendre Coefficients

49-In-100



15

Incident Energy (MeV)

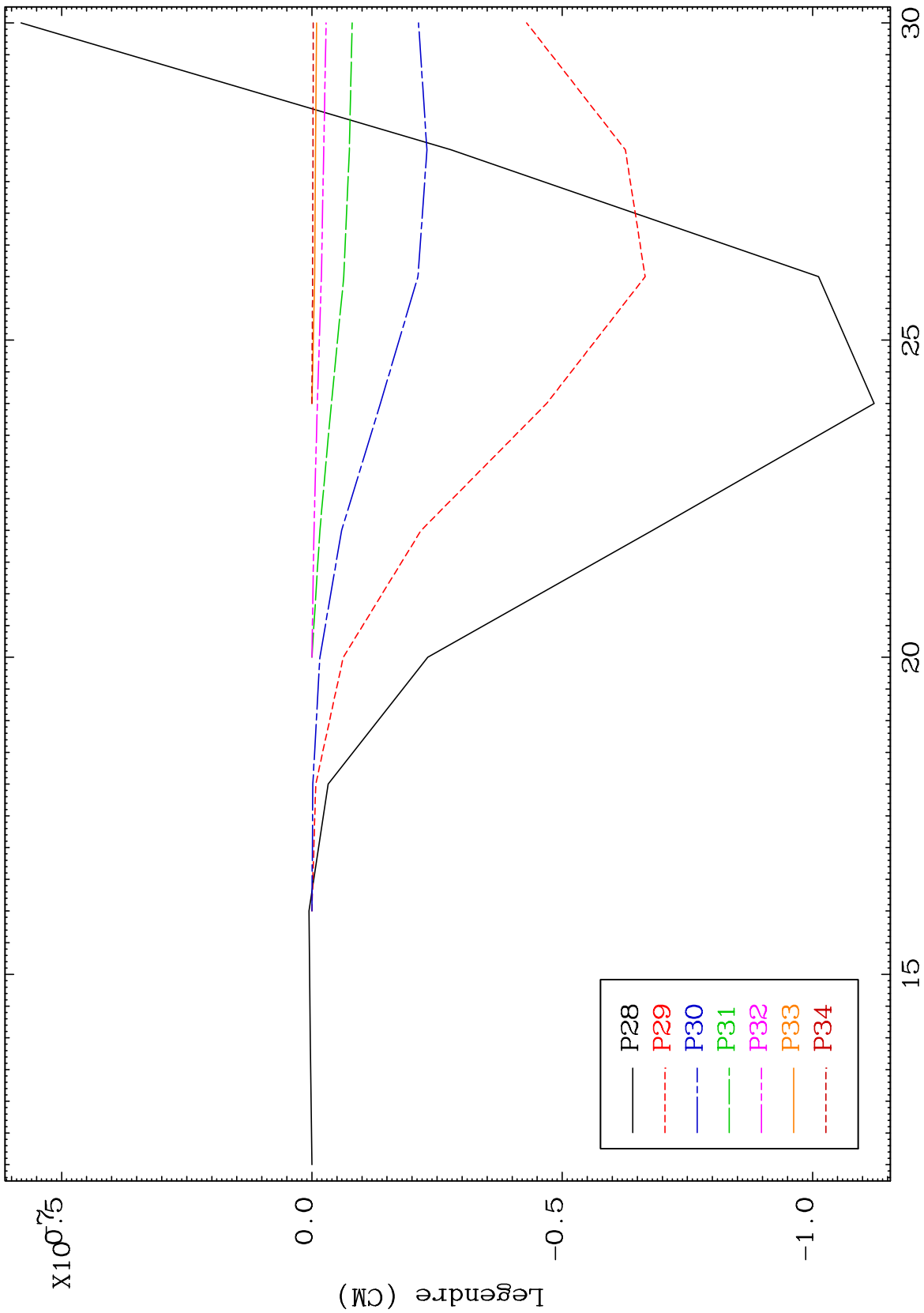
49-In-100

MAT 4886

Elastic Legendre Coefficients

49-In-100

$\times 10^{-7.5}$



16

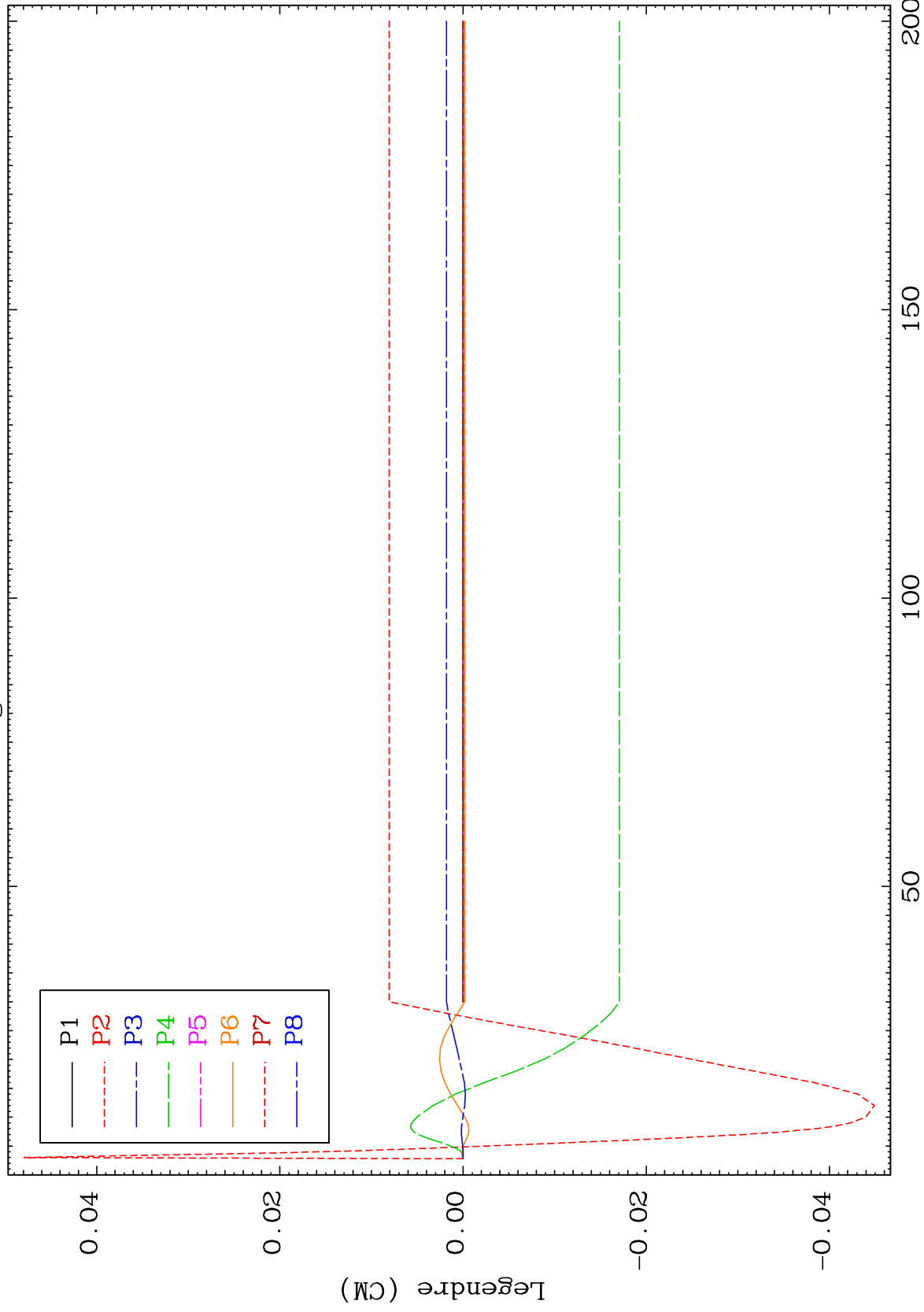
Incident Energy (MeV)

49-In-100

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2.760 MeV (n,n') Level
Legendre Coefficients

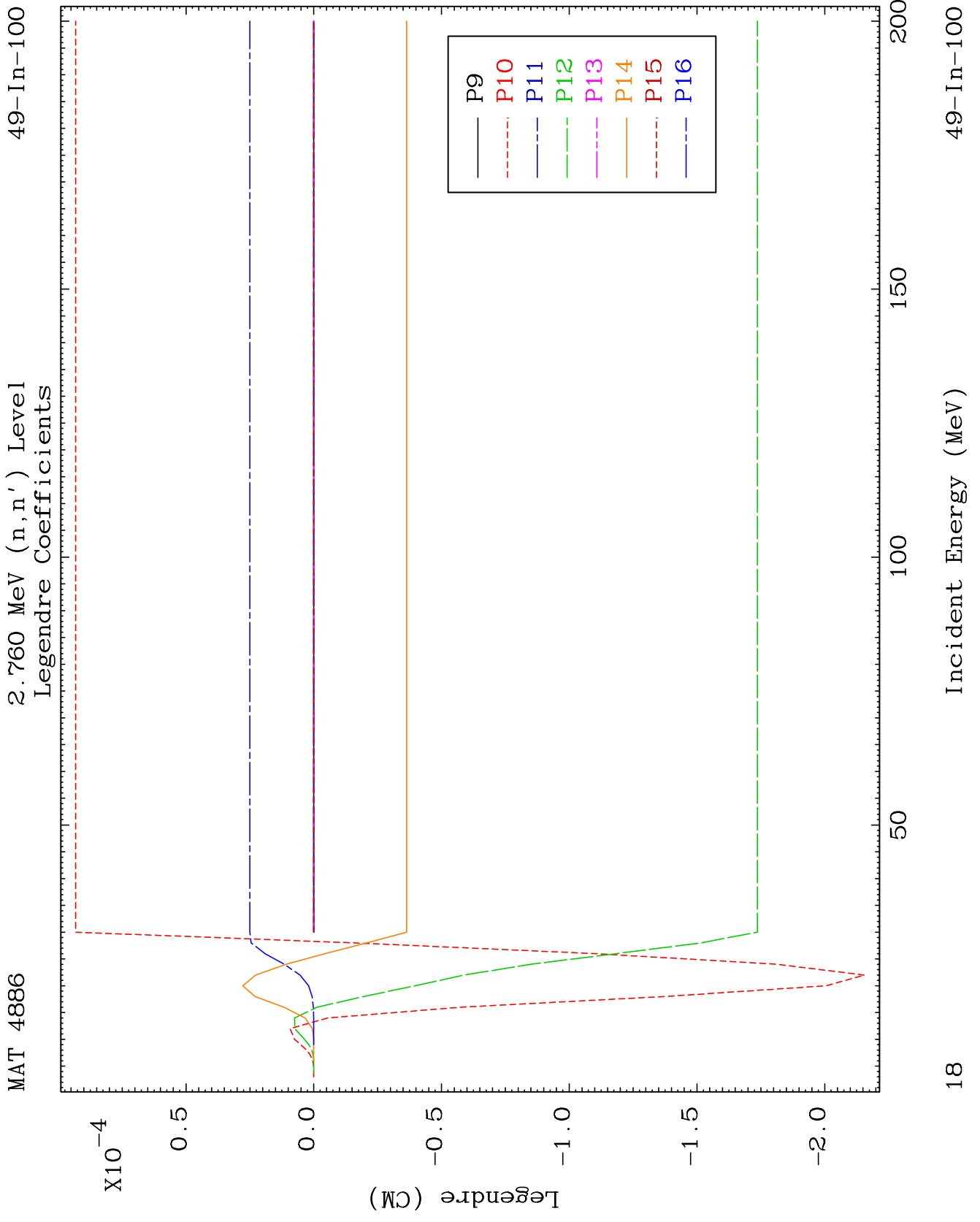
49-In-100

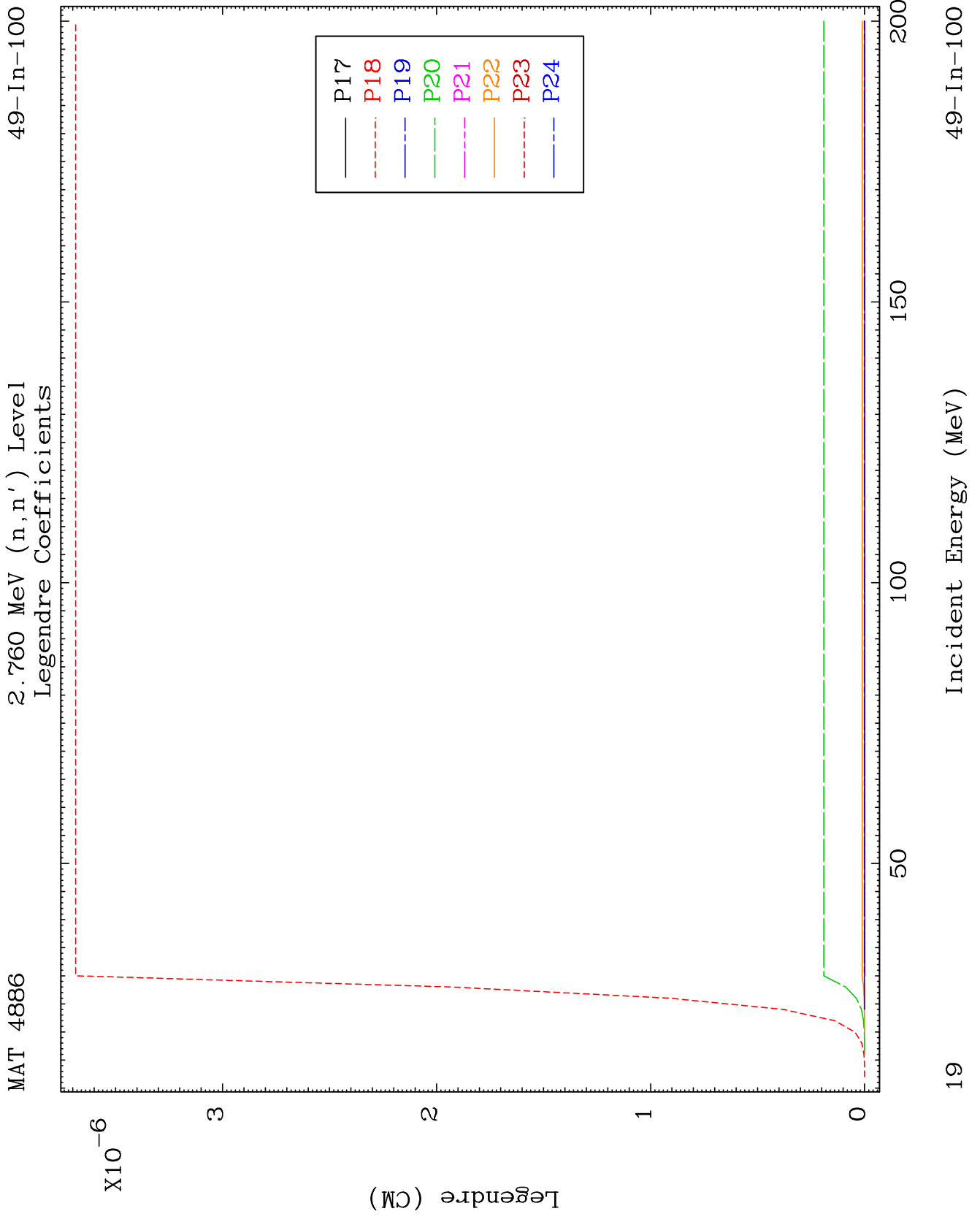


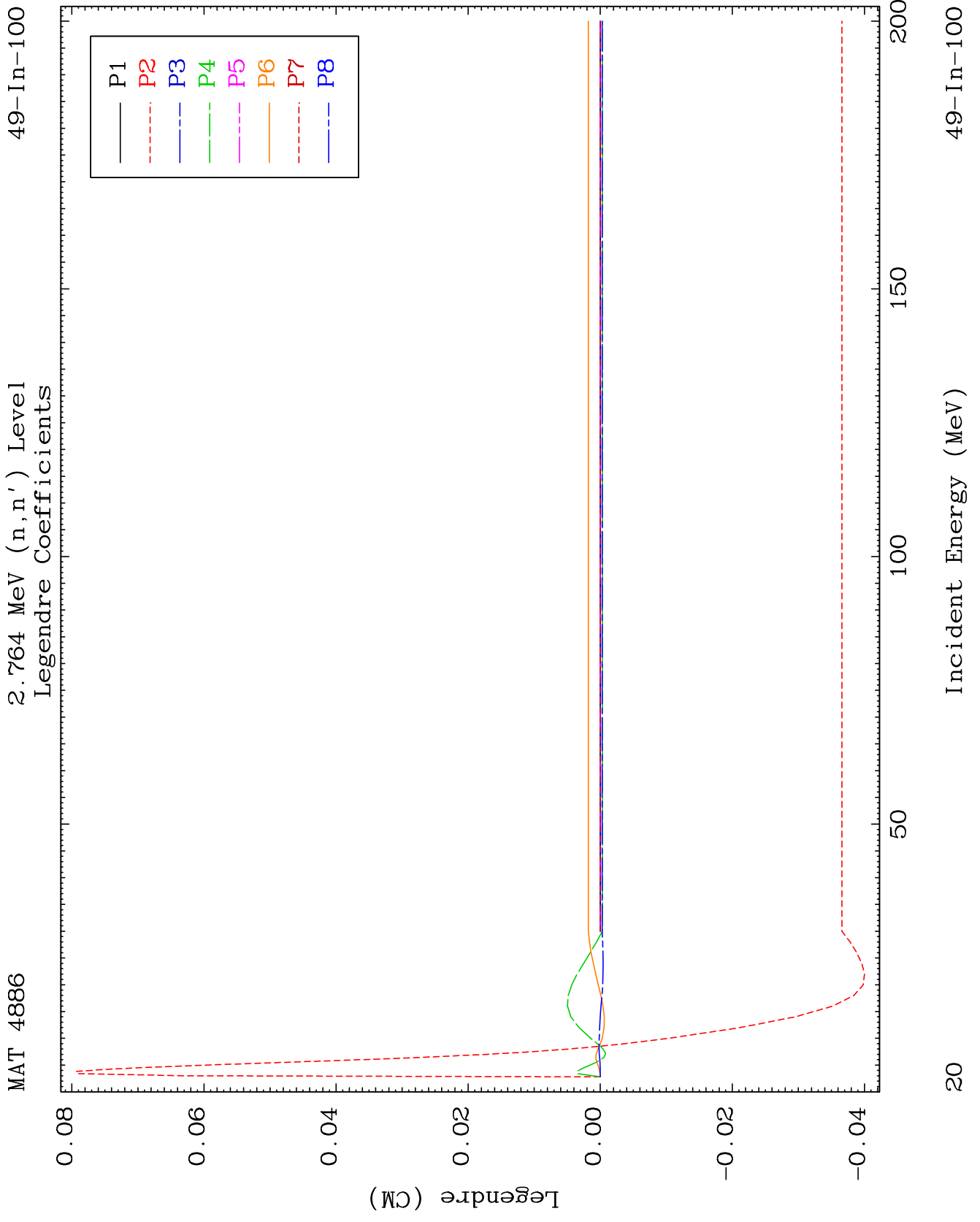
17

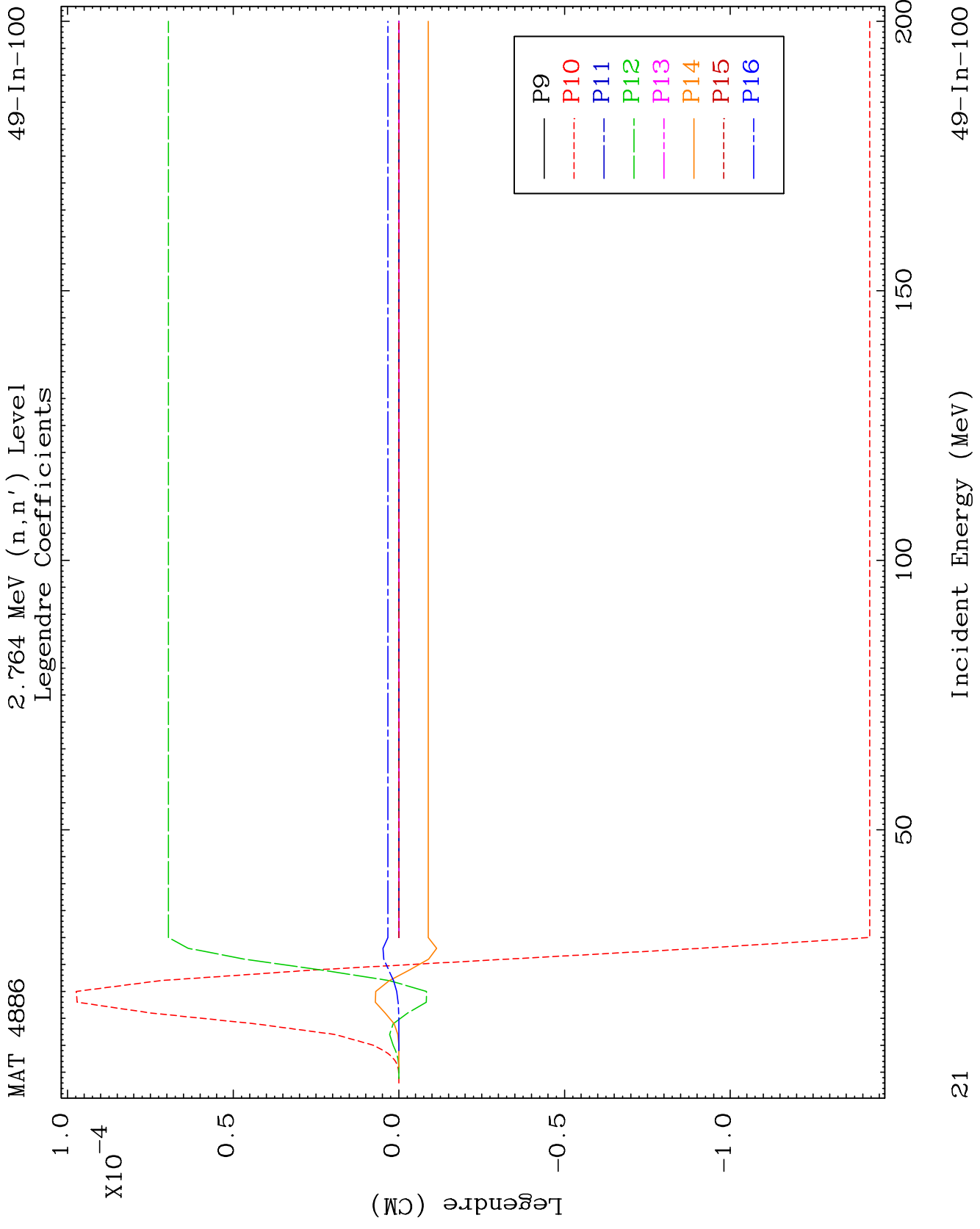
Incident Energy (MeV)

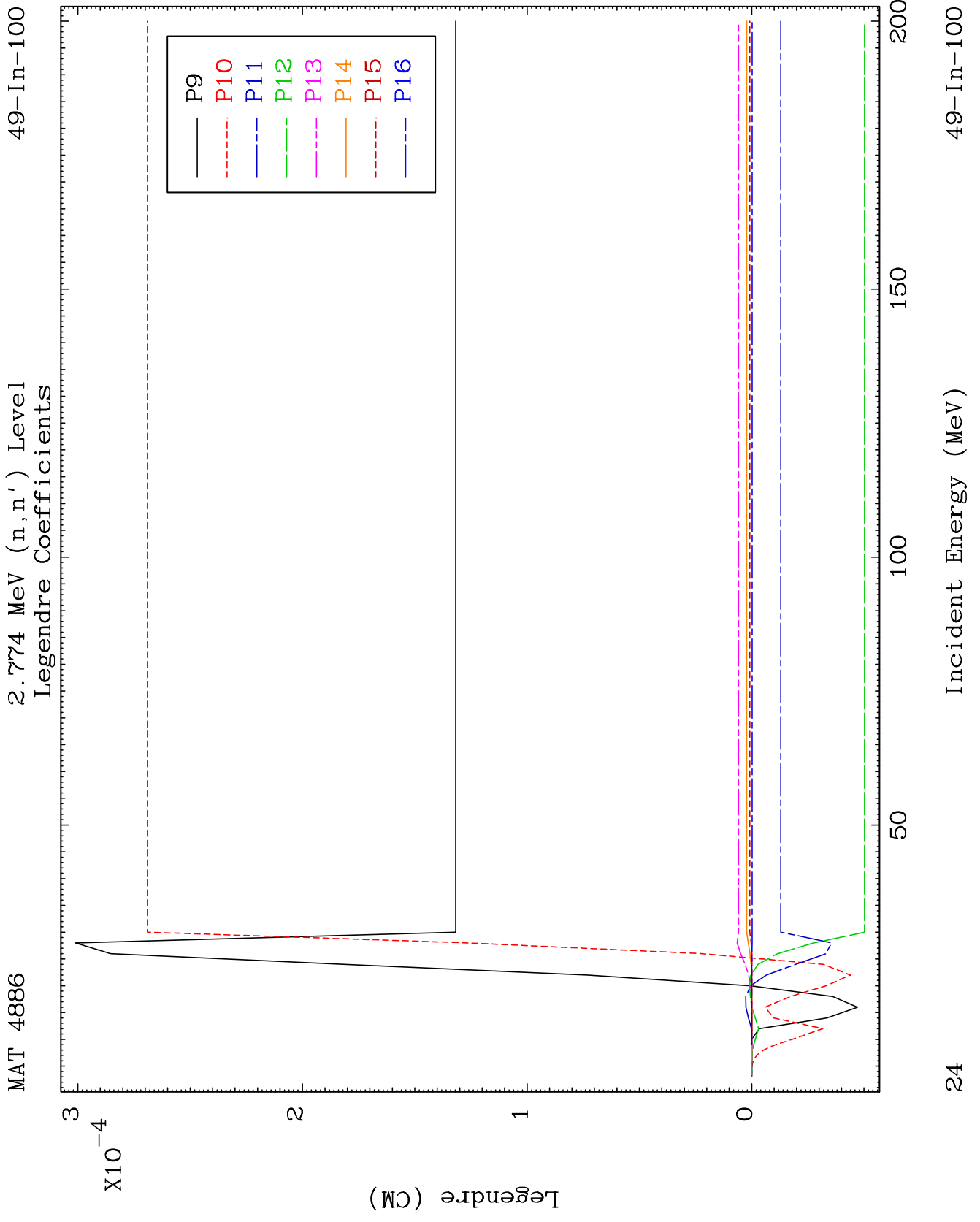
49-In-100

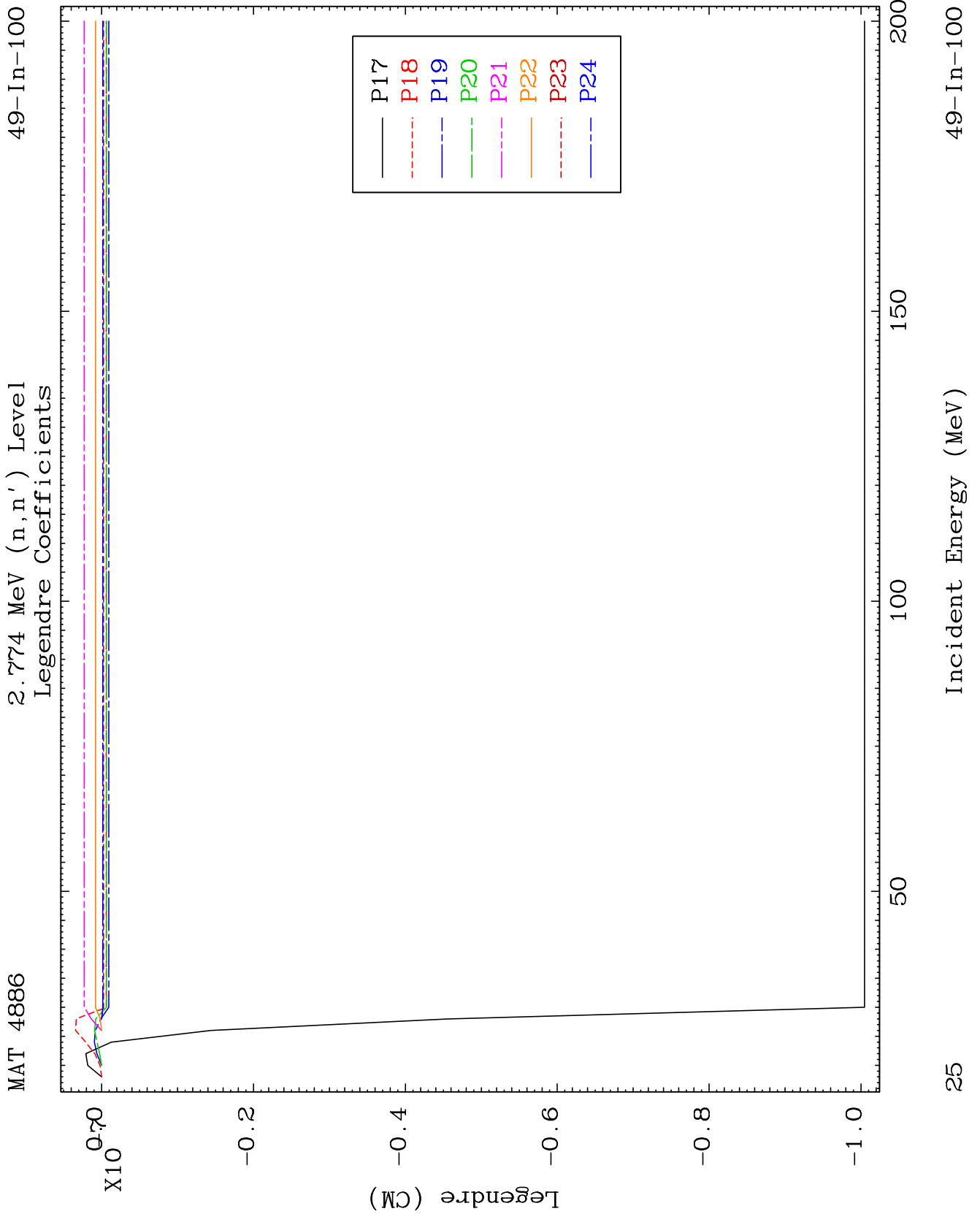


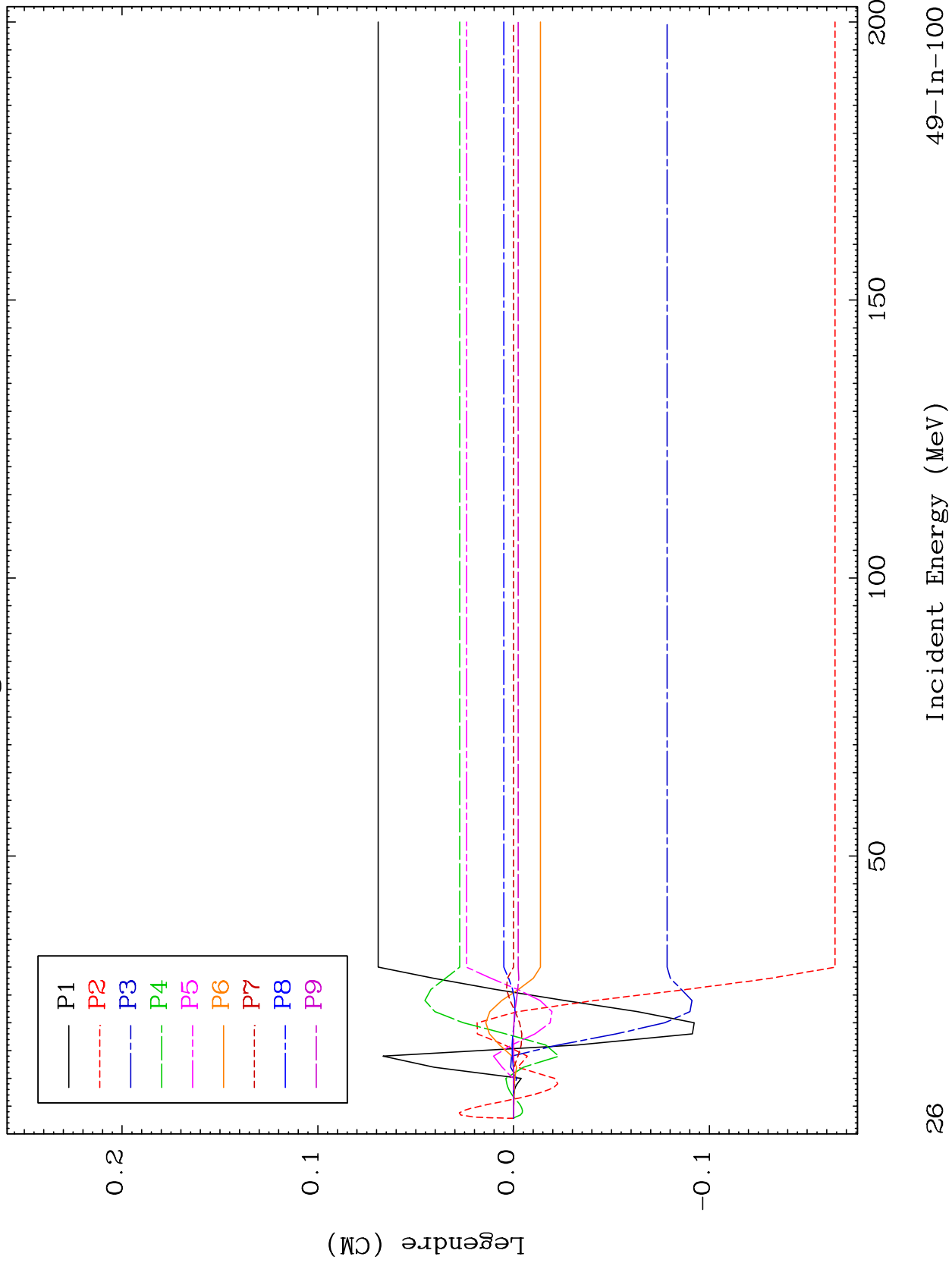


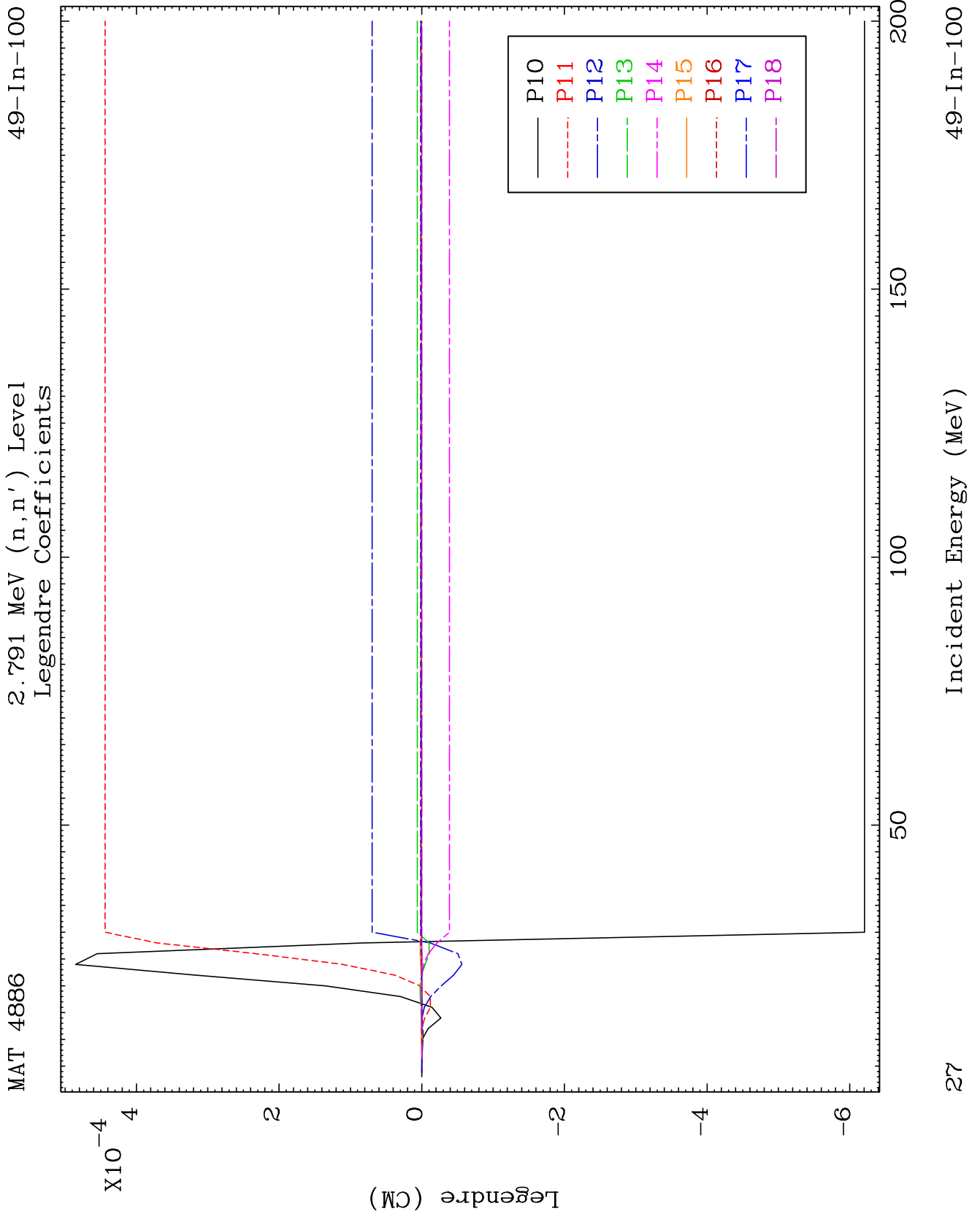


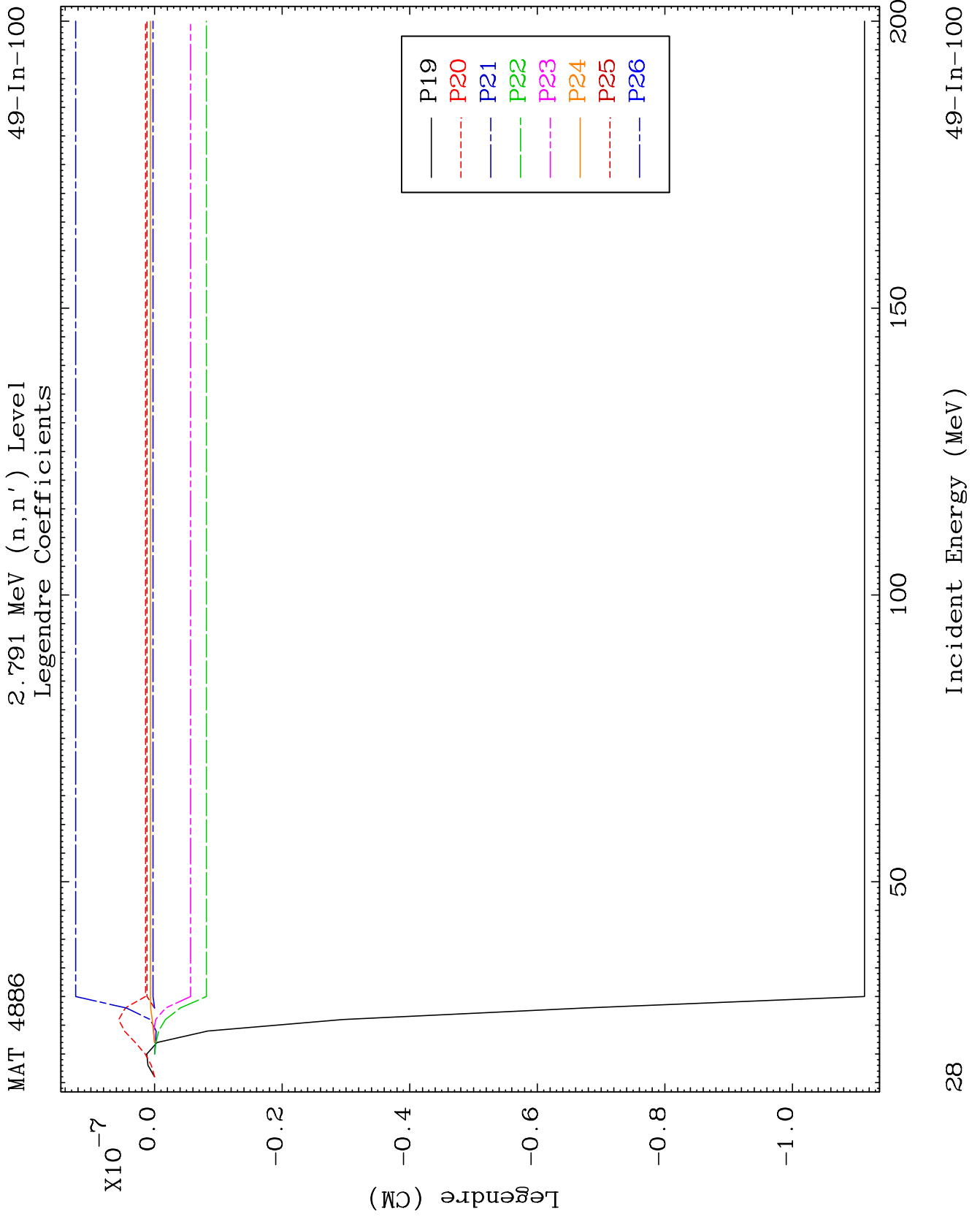


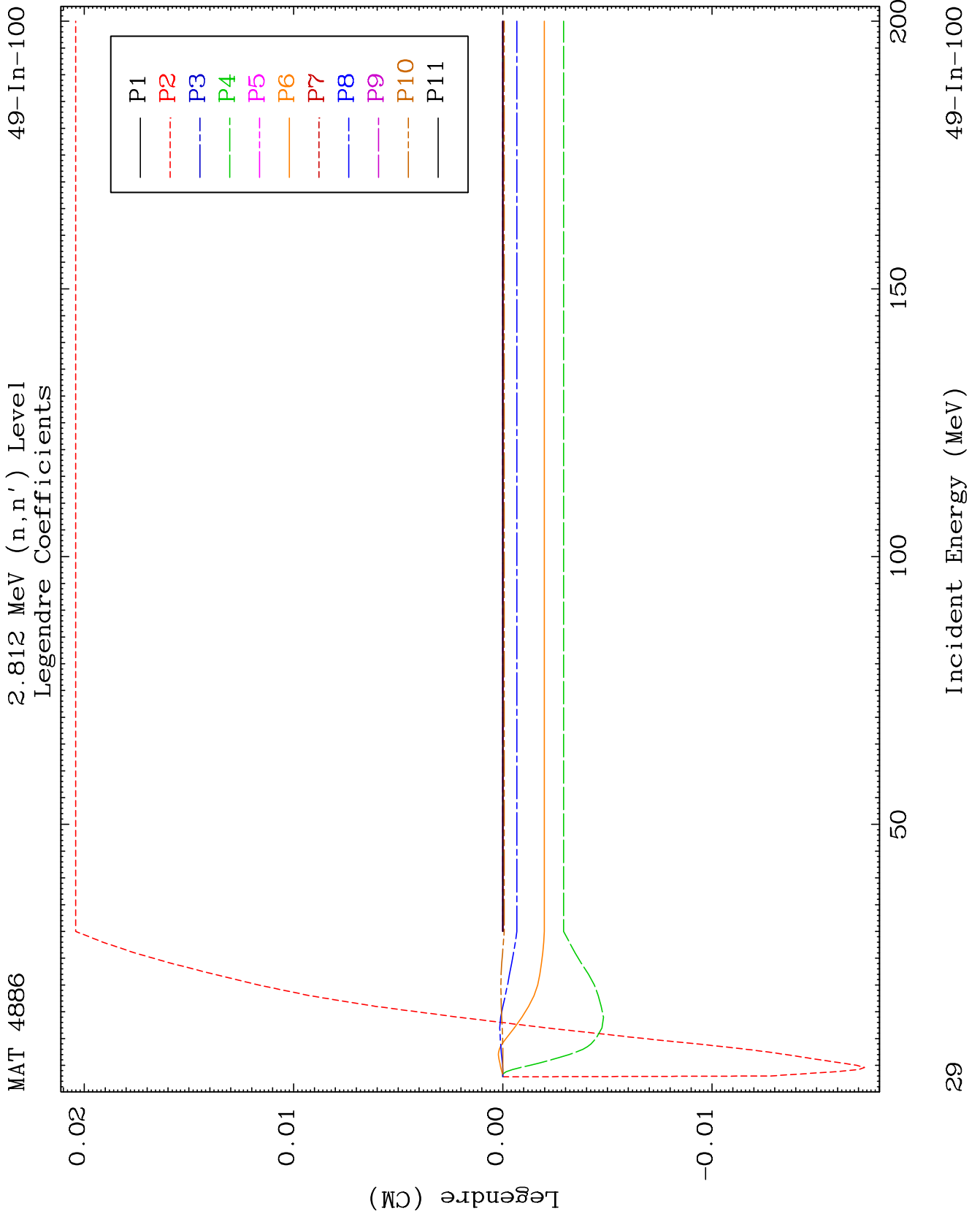


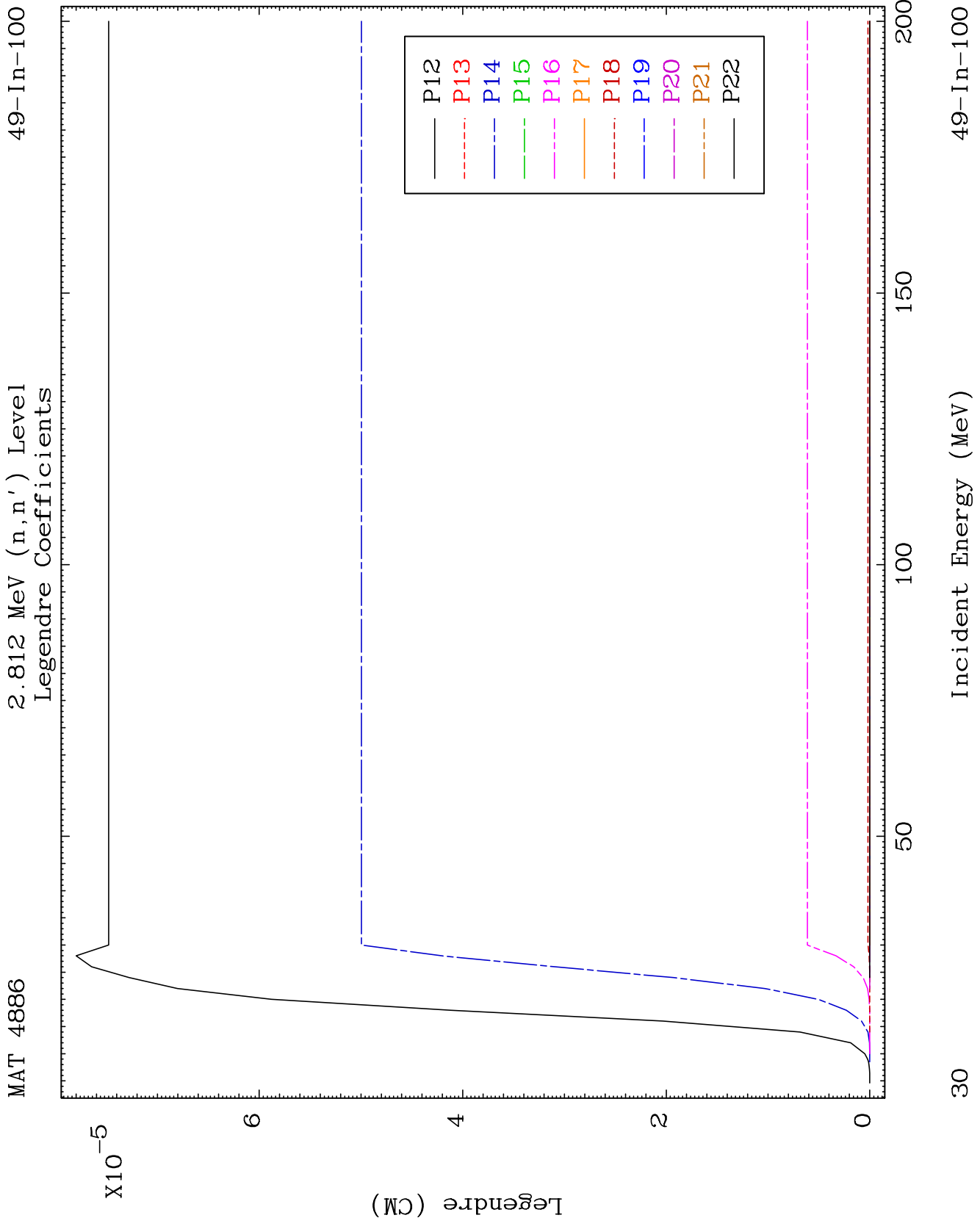


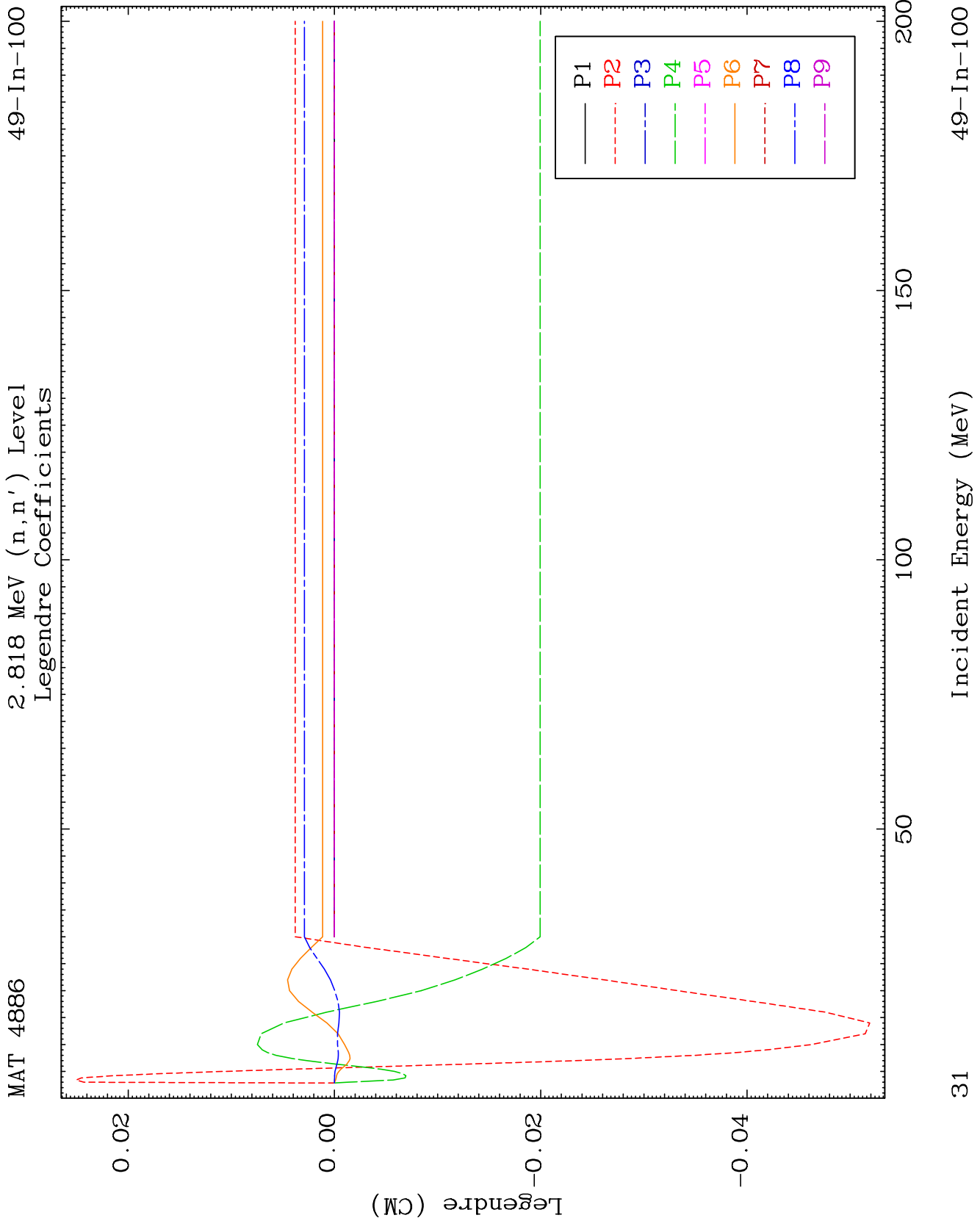


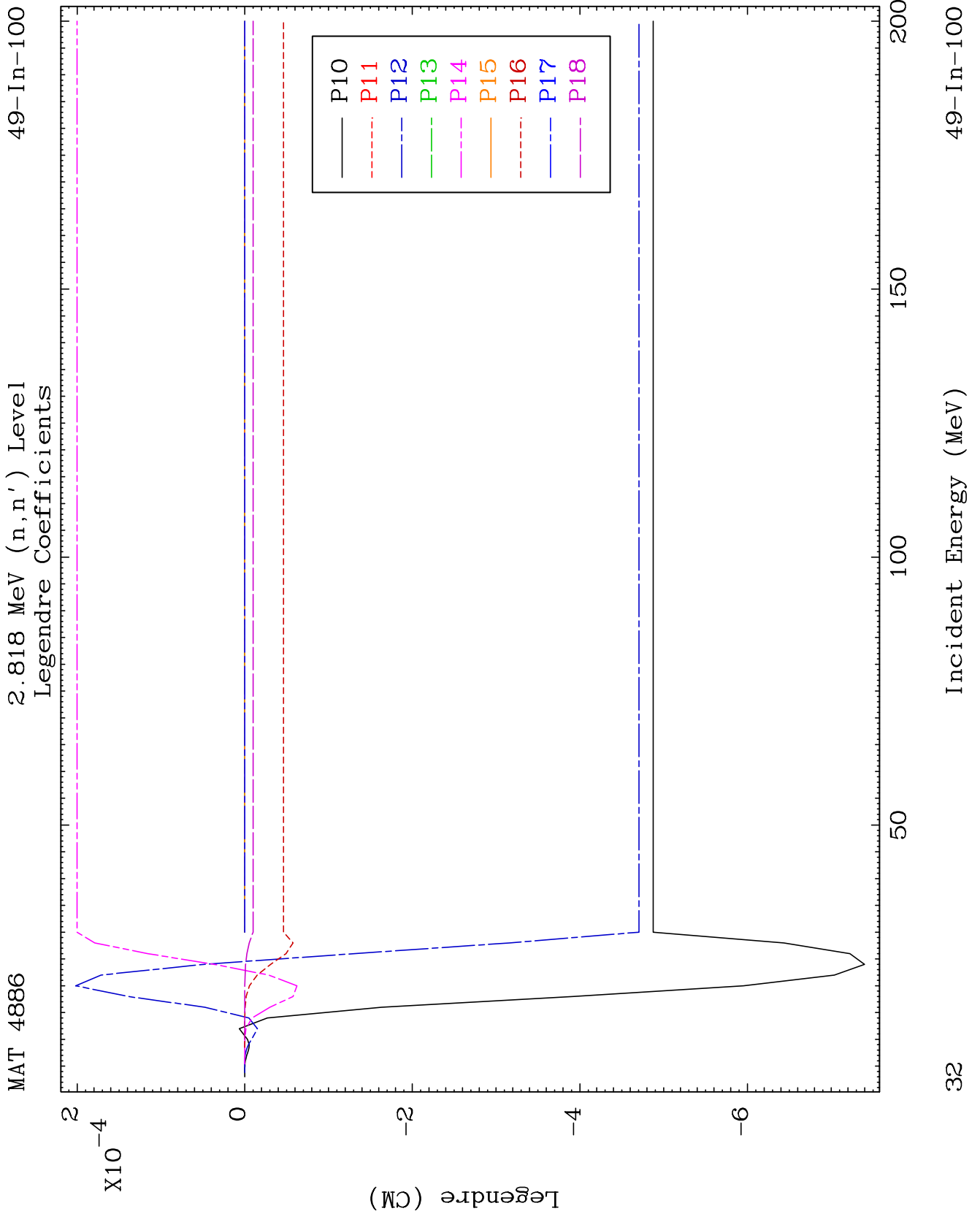


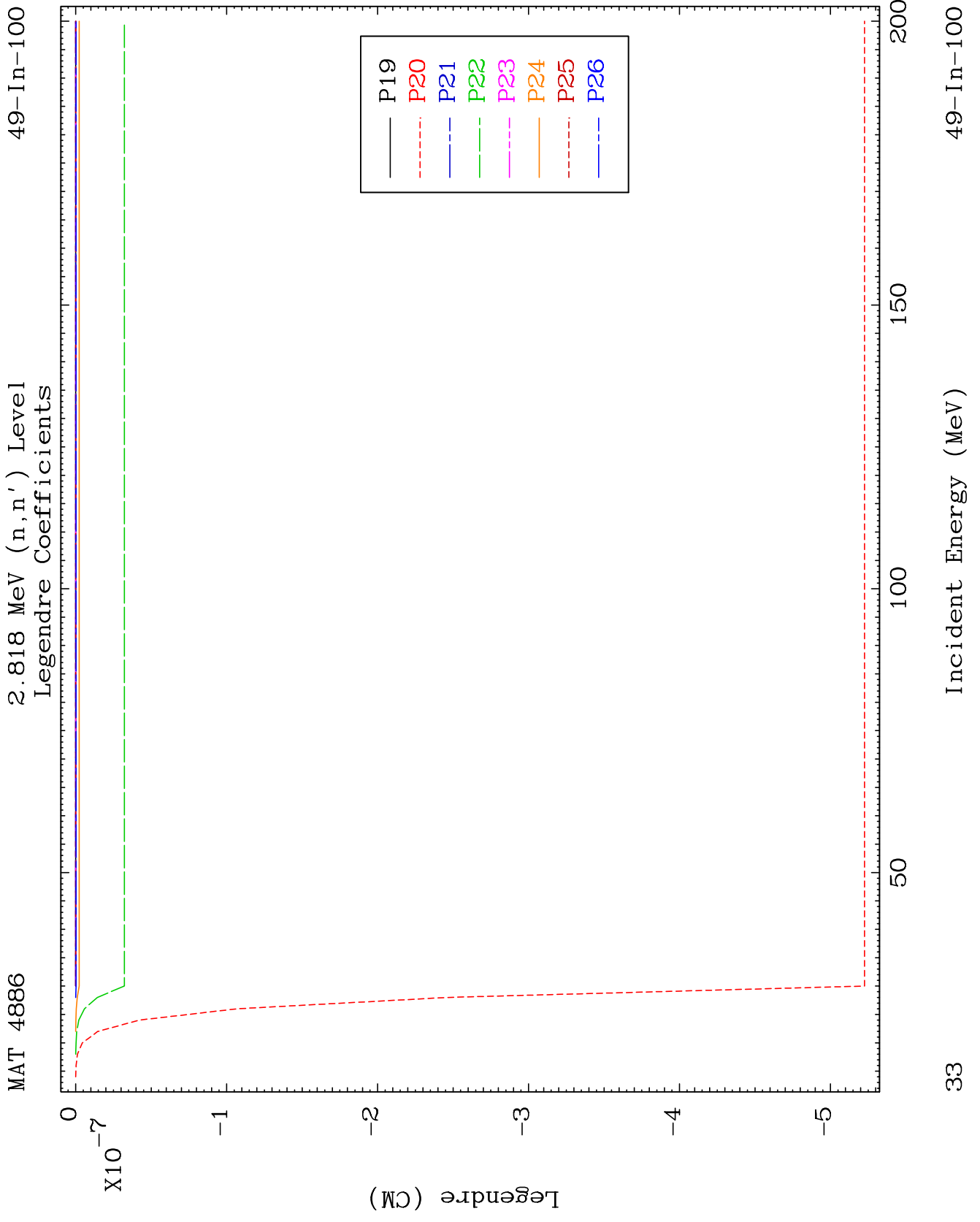








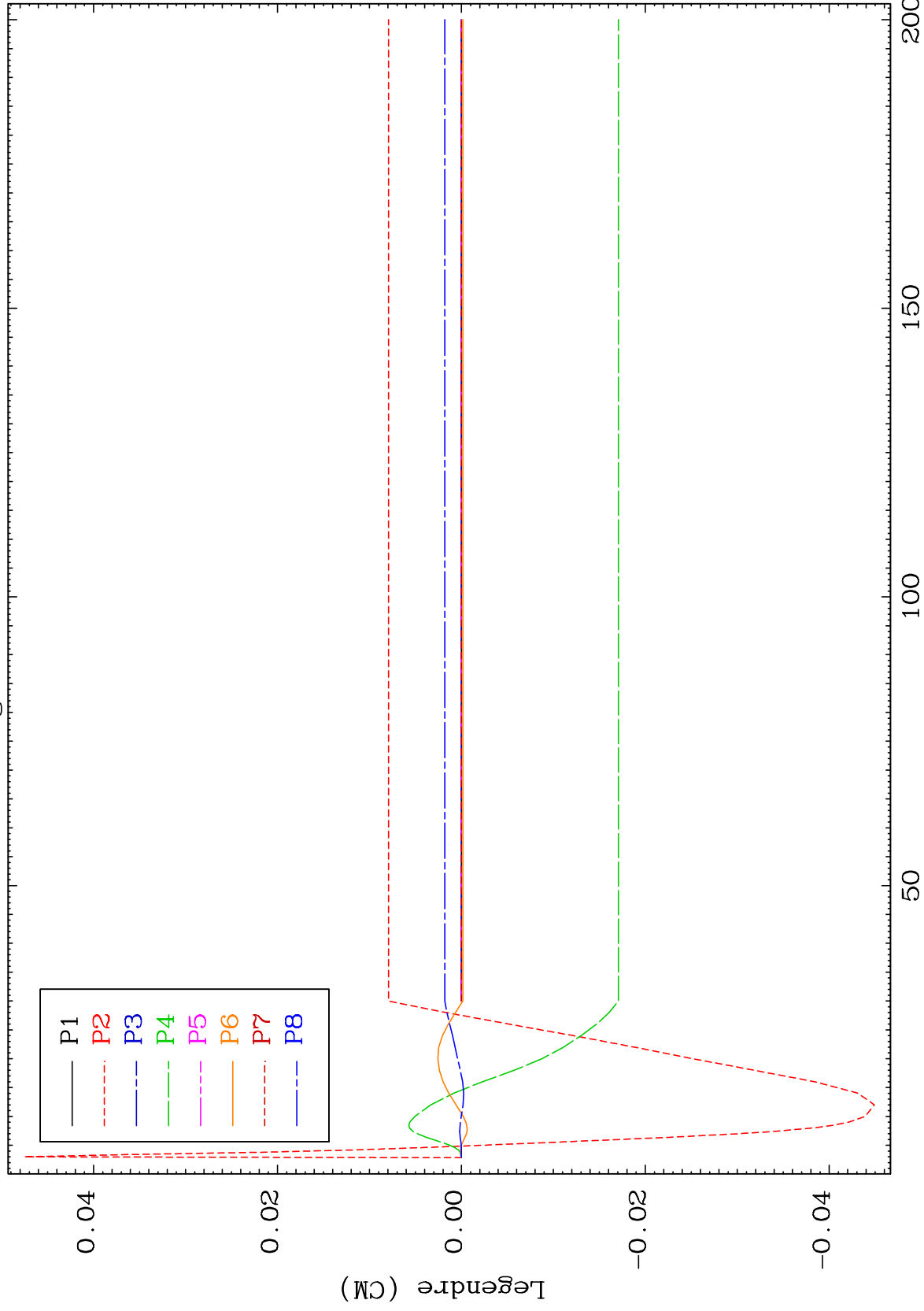




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2.820 MeV (n,n') Level
Legendre Coefficients

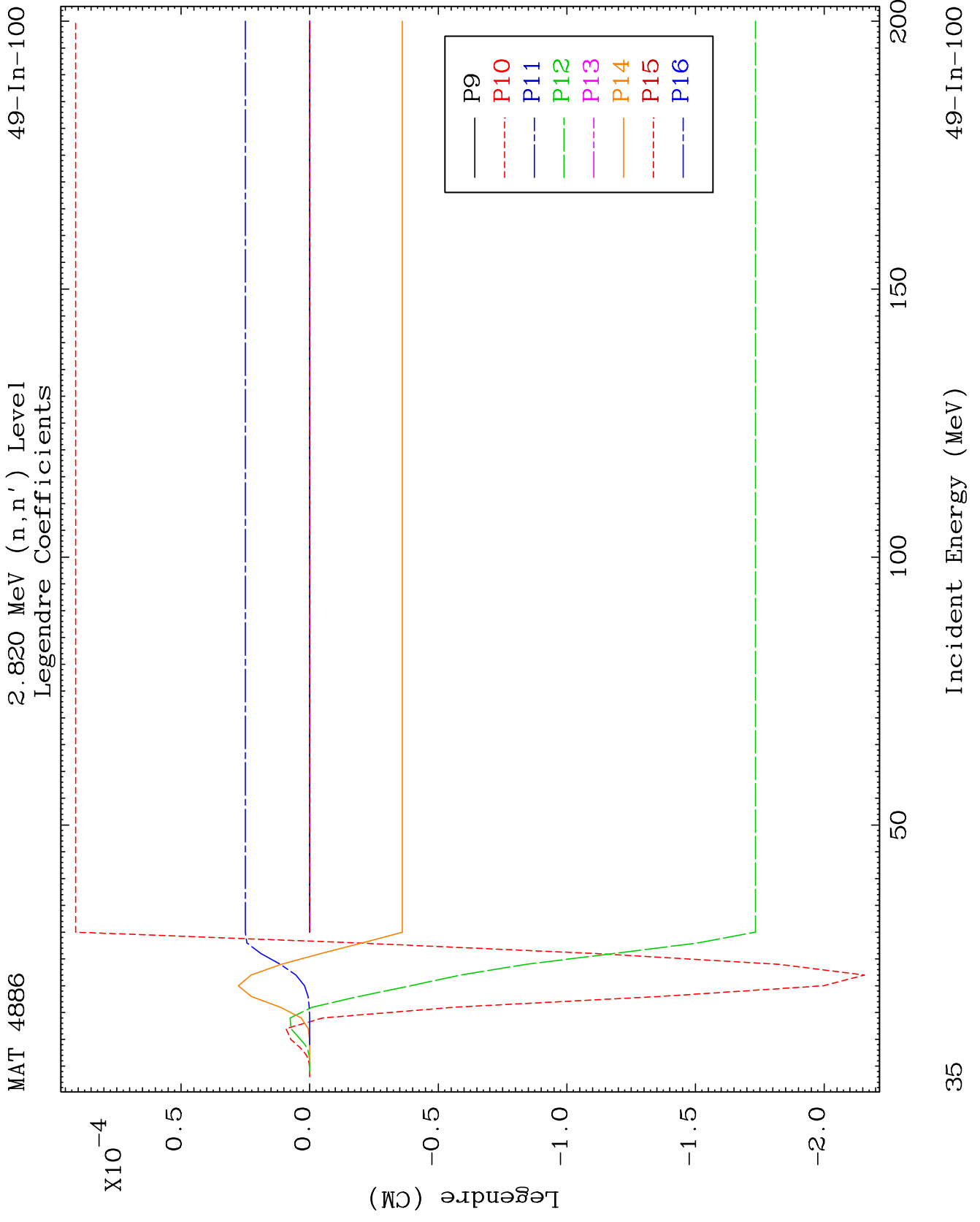
49-In-100

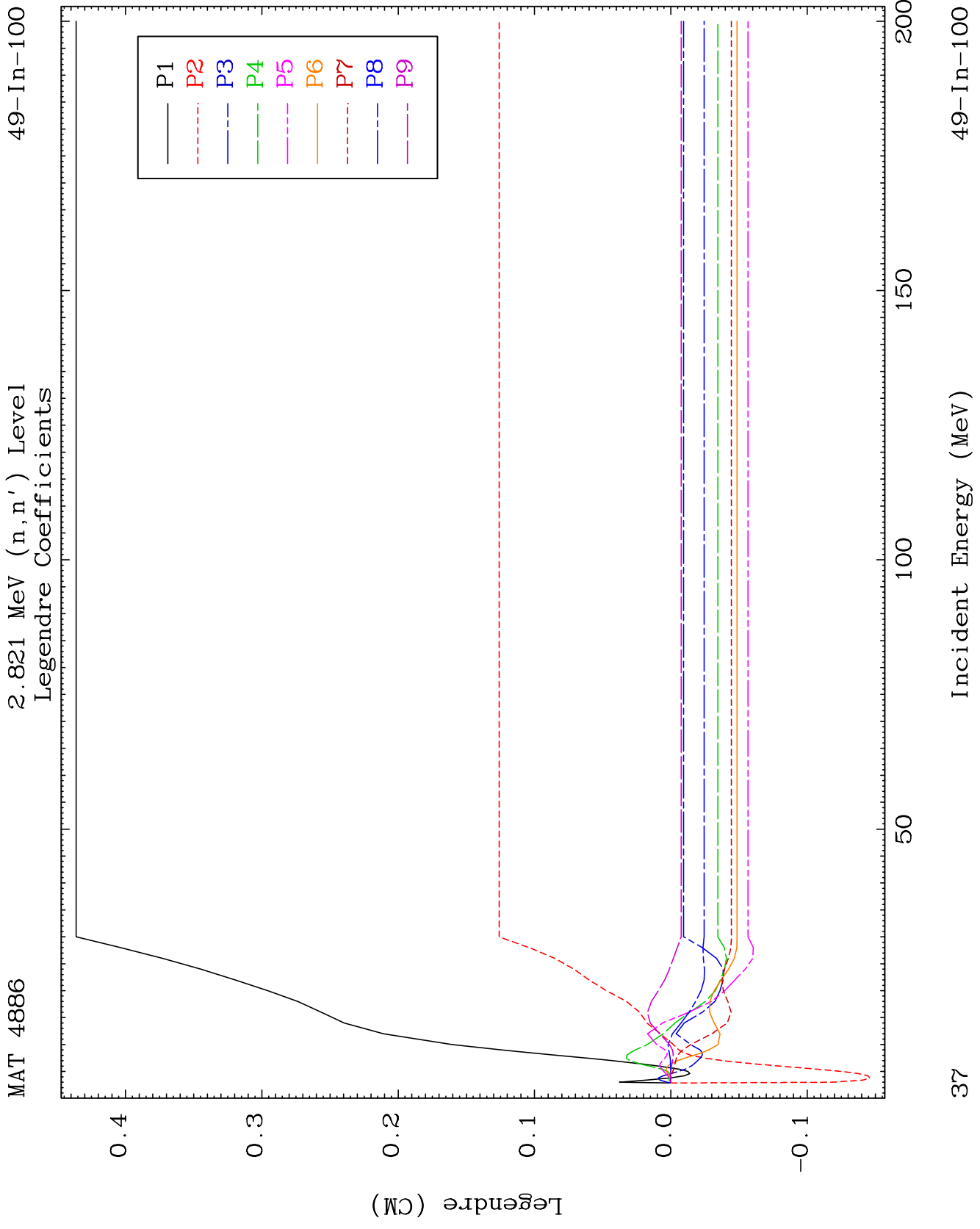


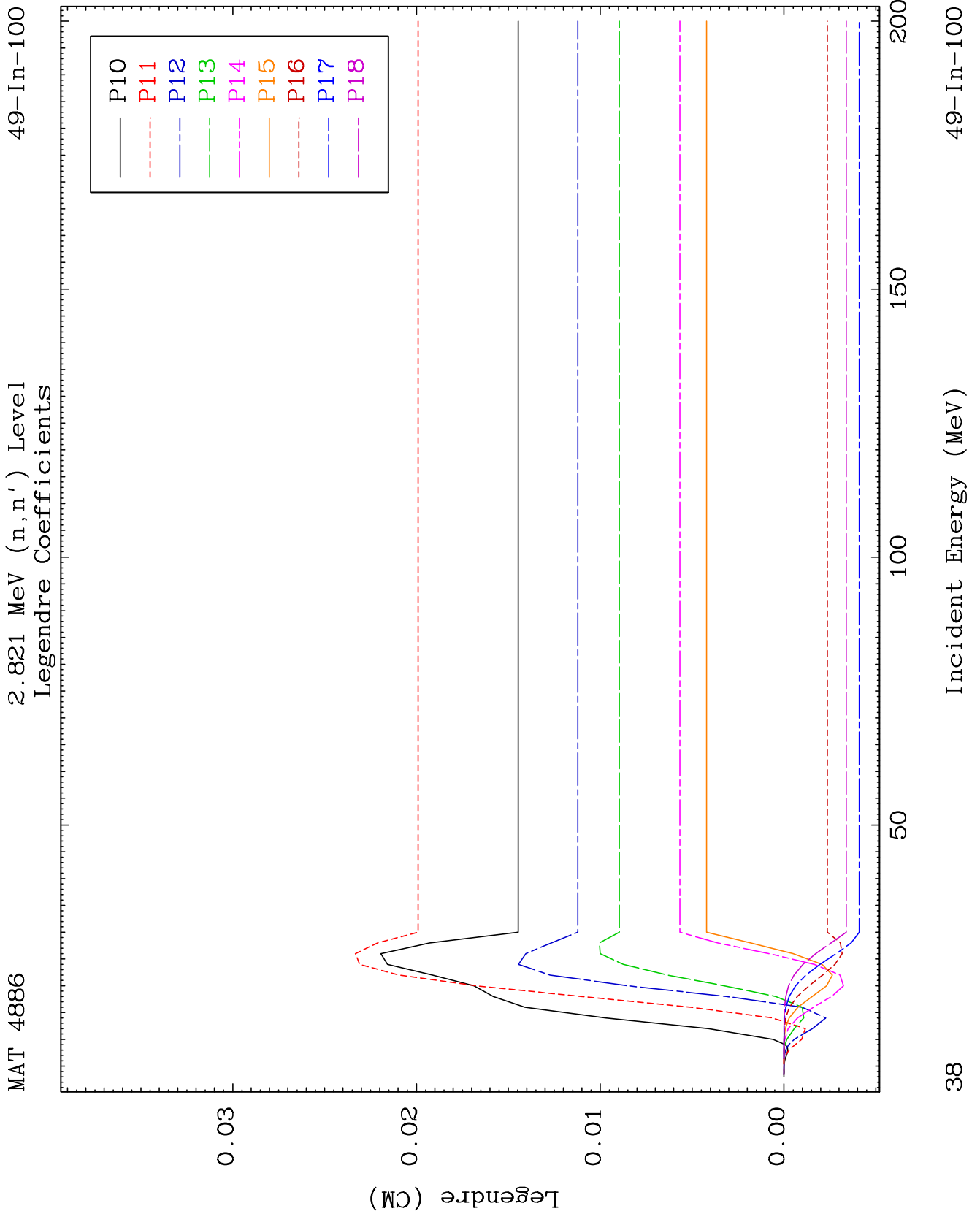
34

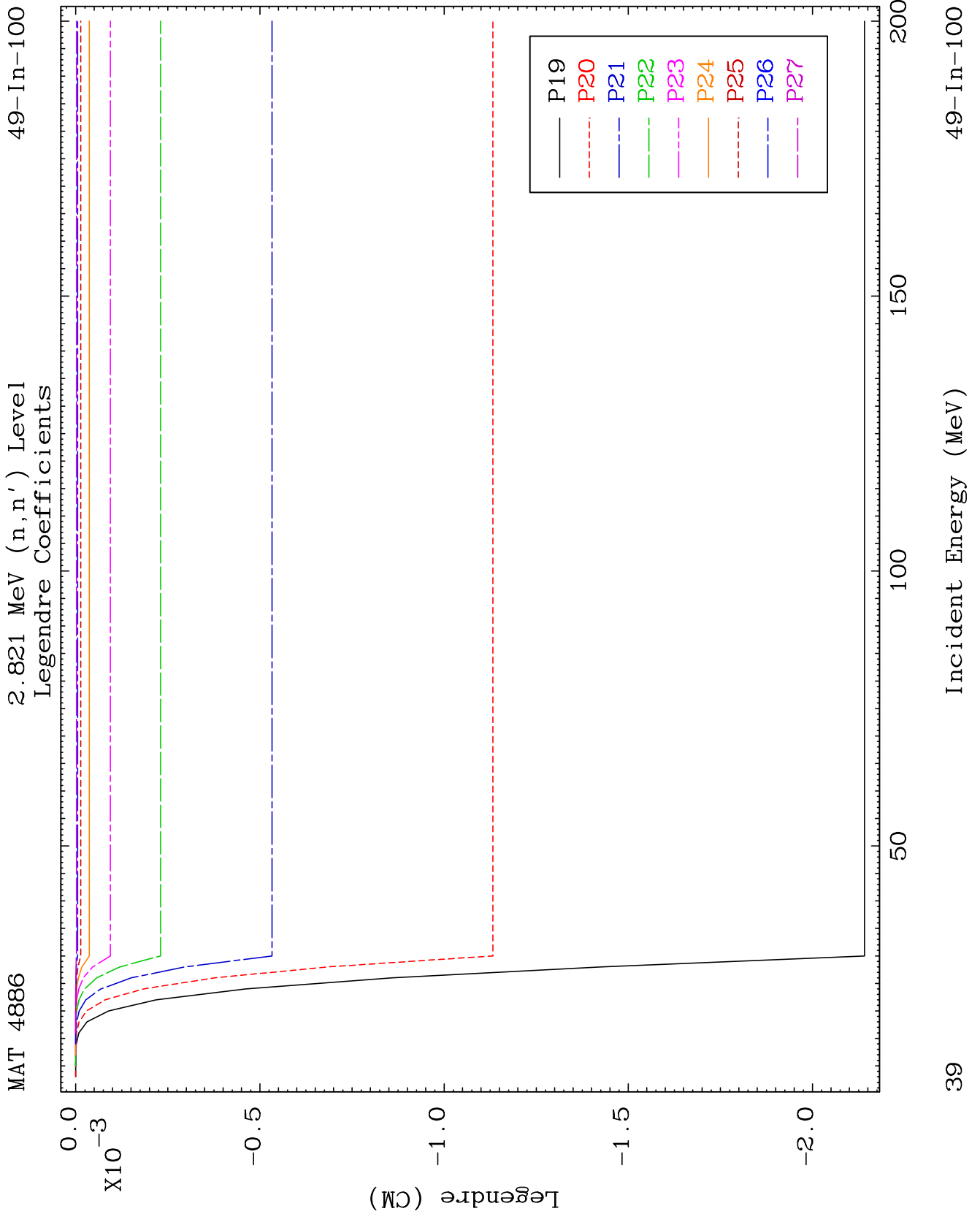
Incident Energy (MeV)

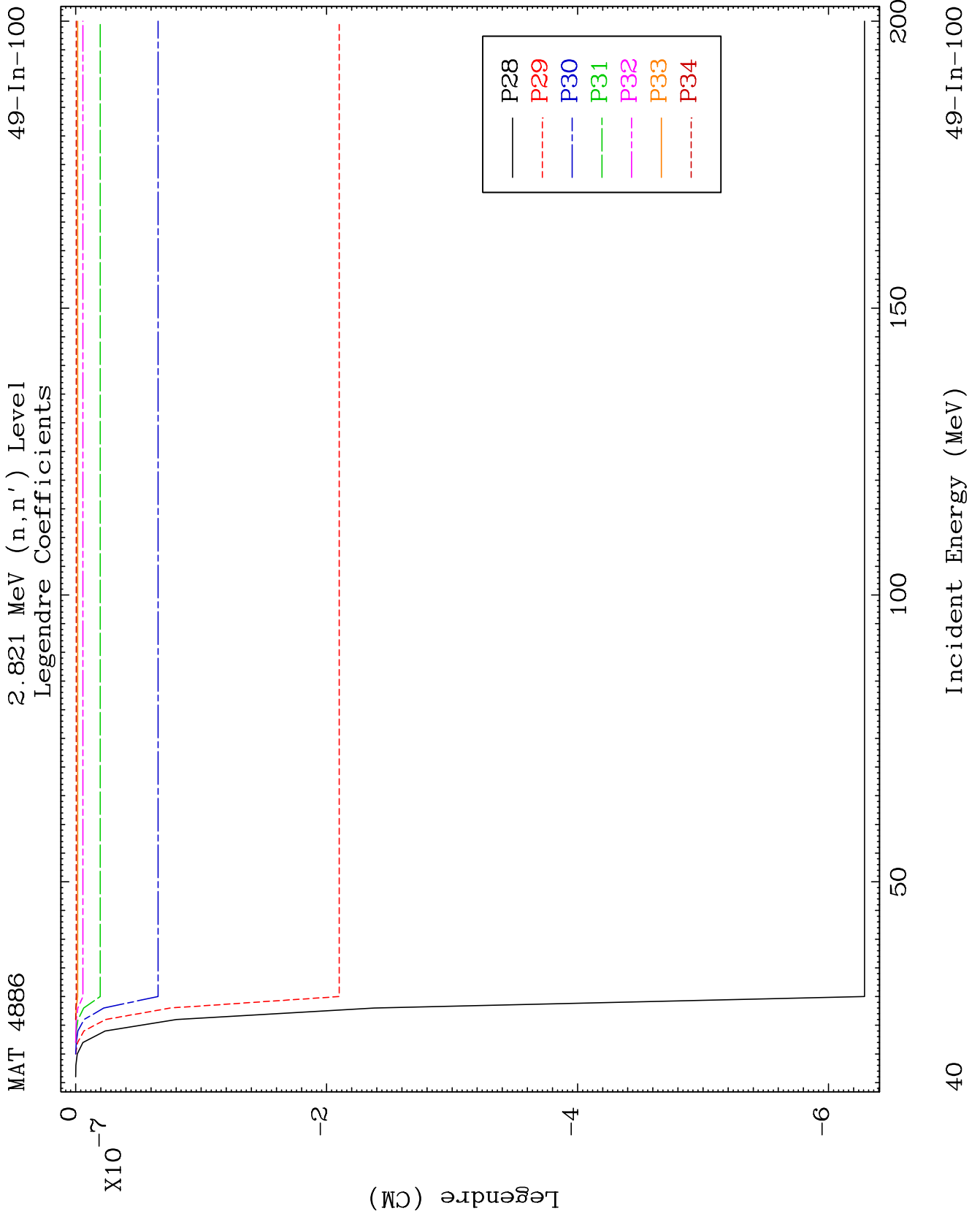
49-In-100







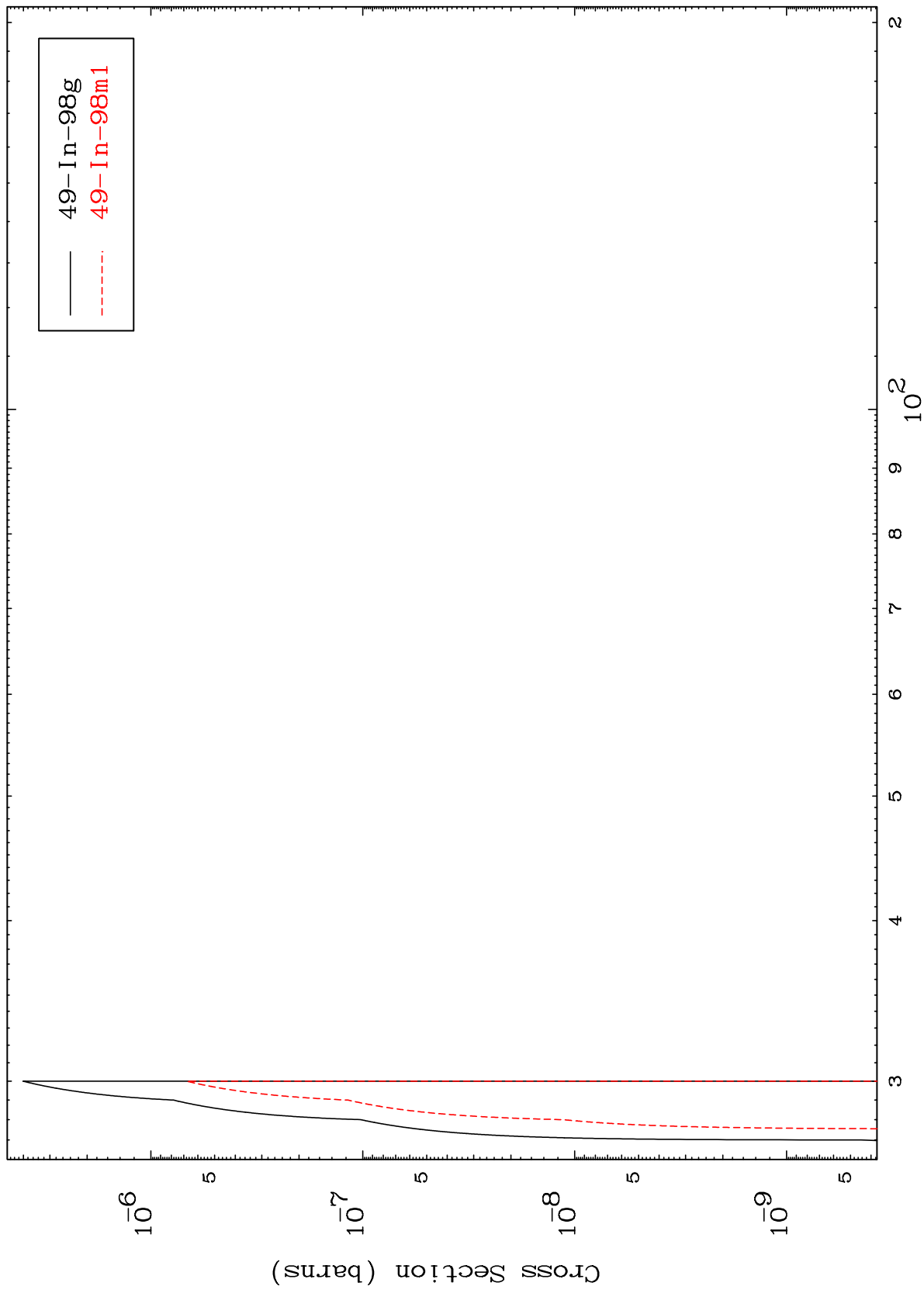




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49-In-100

(n,3n)
Radionuclide Production Cross Section



41

49-In-100

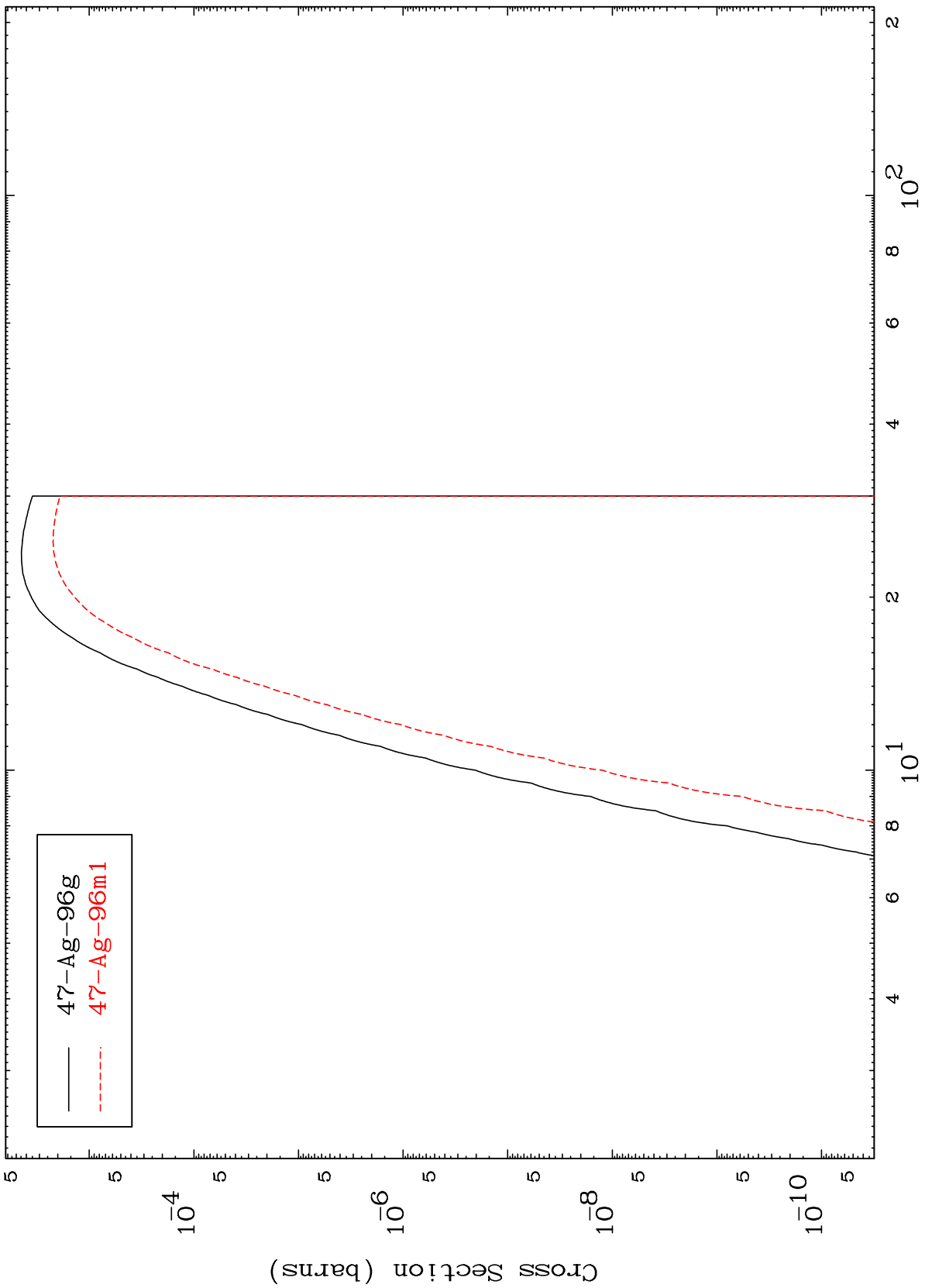
Incident Energy (MeV)

MAT 4886

(n,n') α

49-In-100

Radionuclide Production Cross Section



— 47-Ag-96g
- - - 47-Ag-96m1

Incident Energy (MeV)

49-In-100

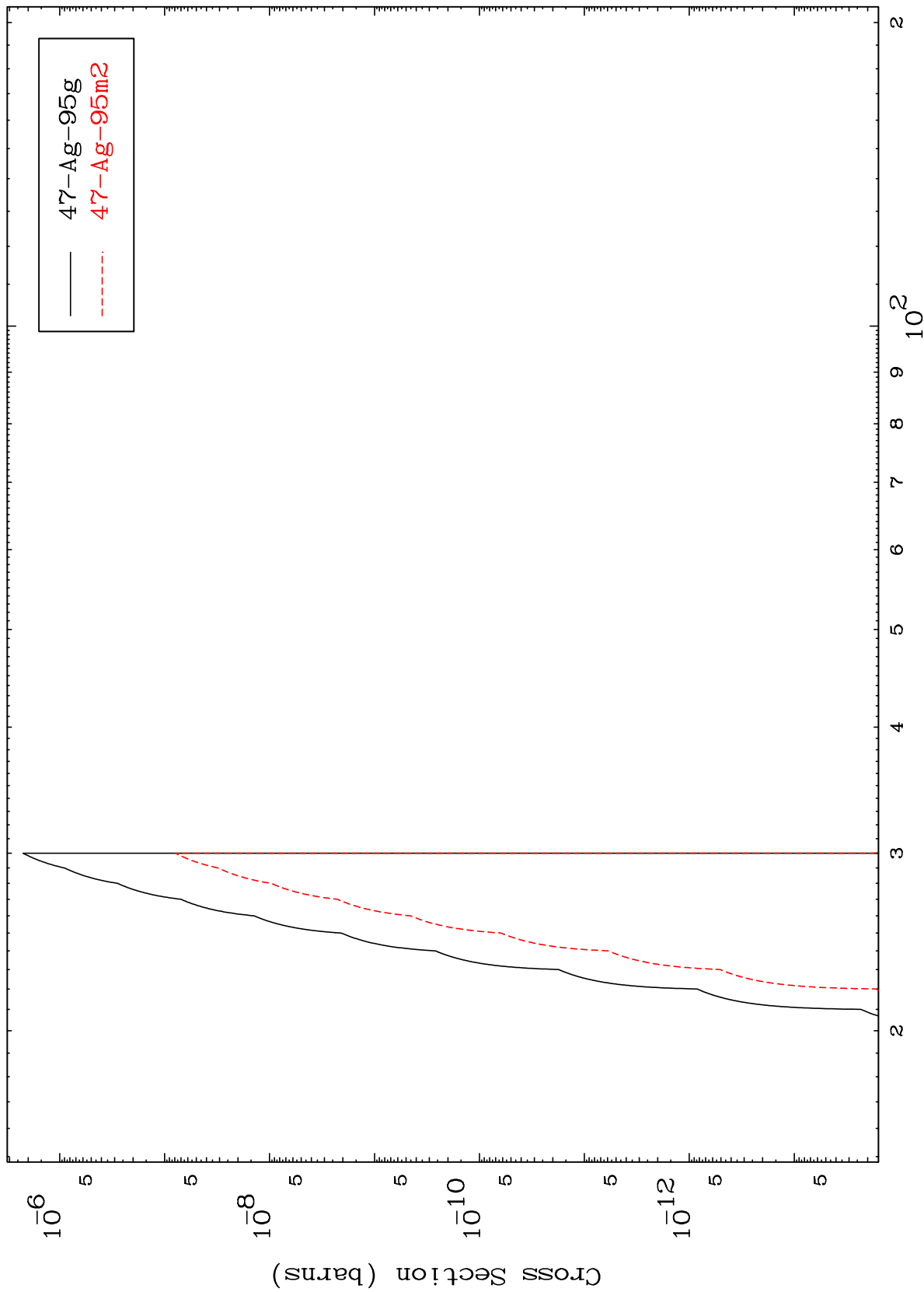
42

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(n,2n) α

49-In-100

Radionuclide Production Cross Section



43

Incident Energy (MeV)

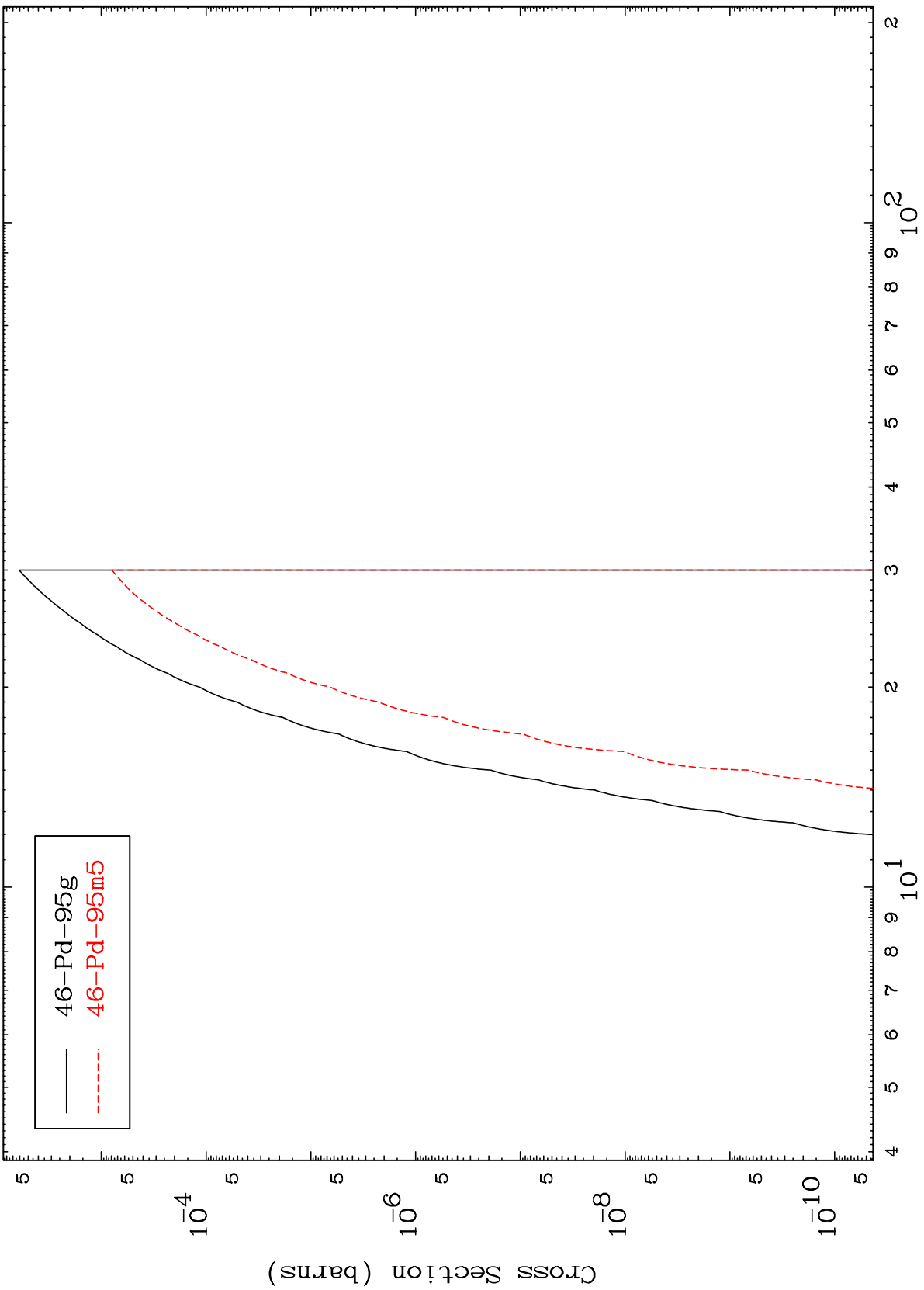
49-In-100

MAT 4886

(n,n') p α

49-In-100

Radionuclide Production Cross Section



44

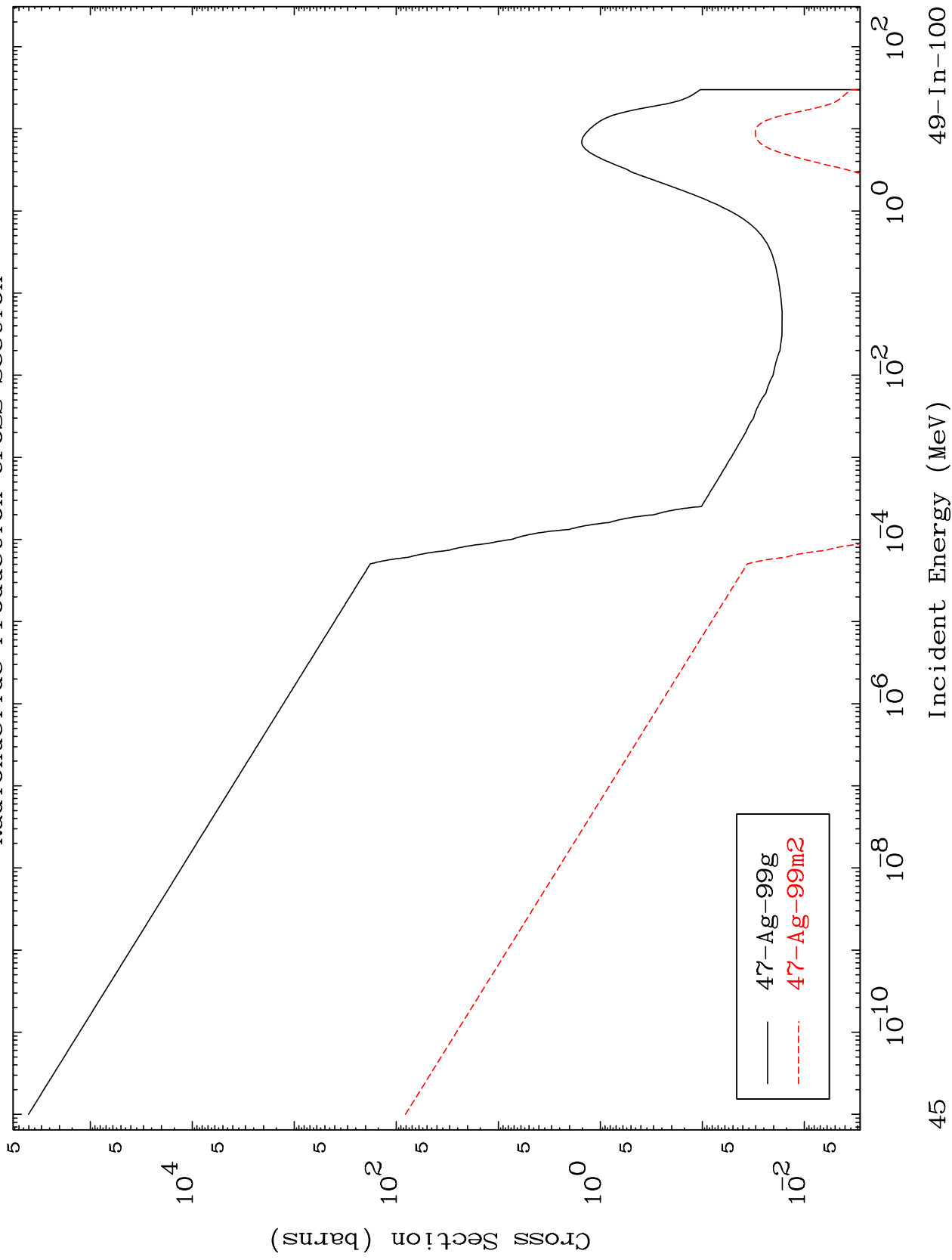
Incident Energy (MeV)

49-In-100

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49-In-100

Radionuclide Production Cross Section



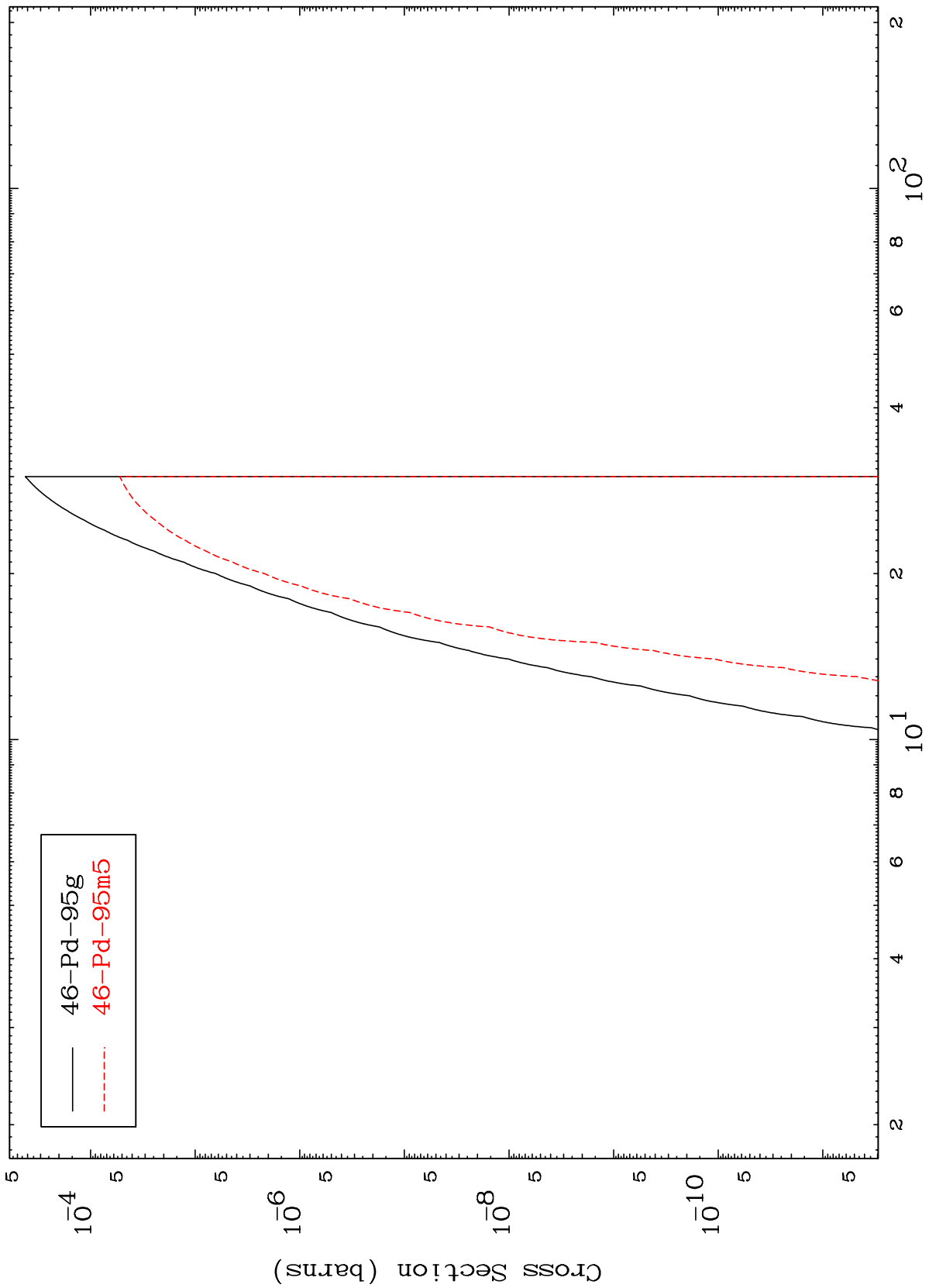
45

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(n,d) α

49-In-100

Radionuclide Production Cross Section



46

Incident Energy (MeV)

49-In-100