

Program EVALPLOT
(Version 2021-1)

by

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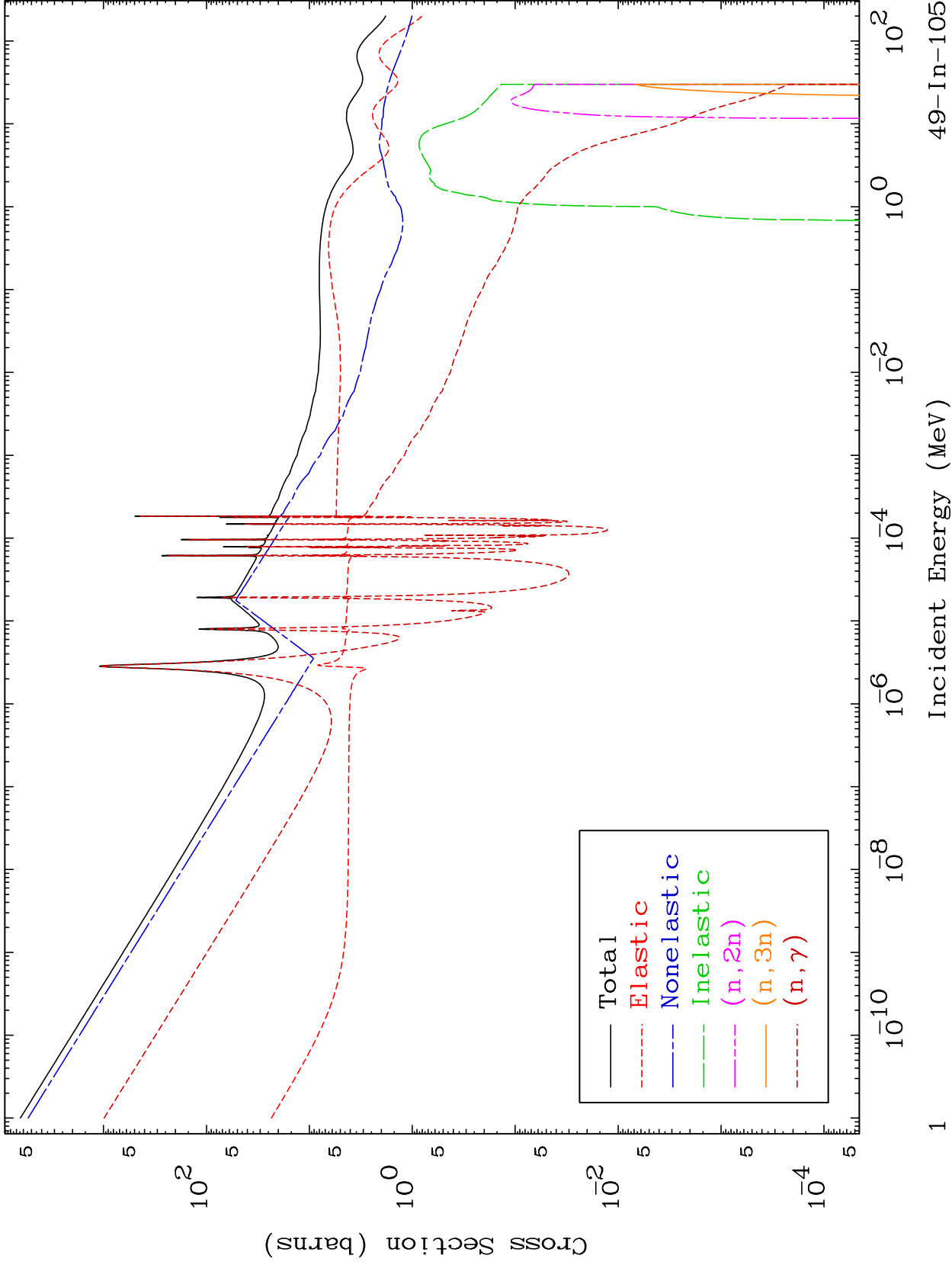
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4901

Neutron Major
293 Kelvin Cross Sections

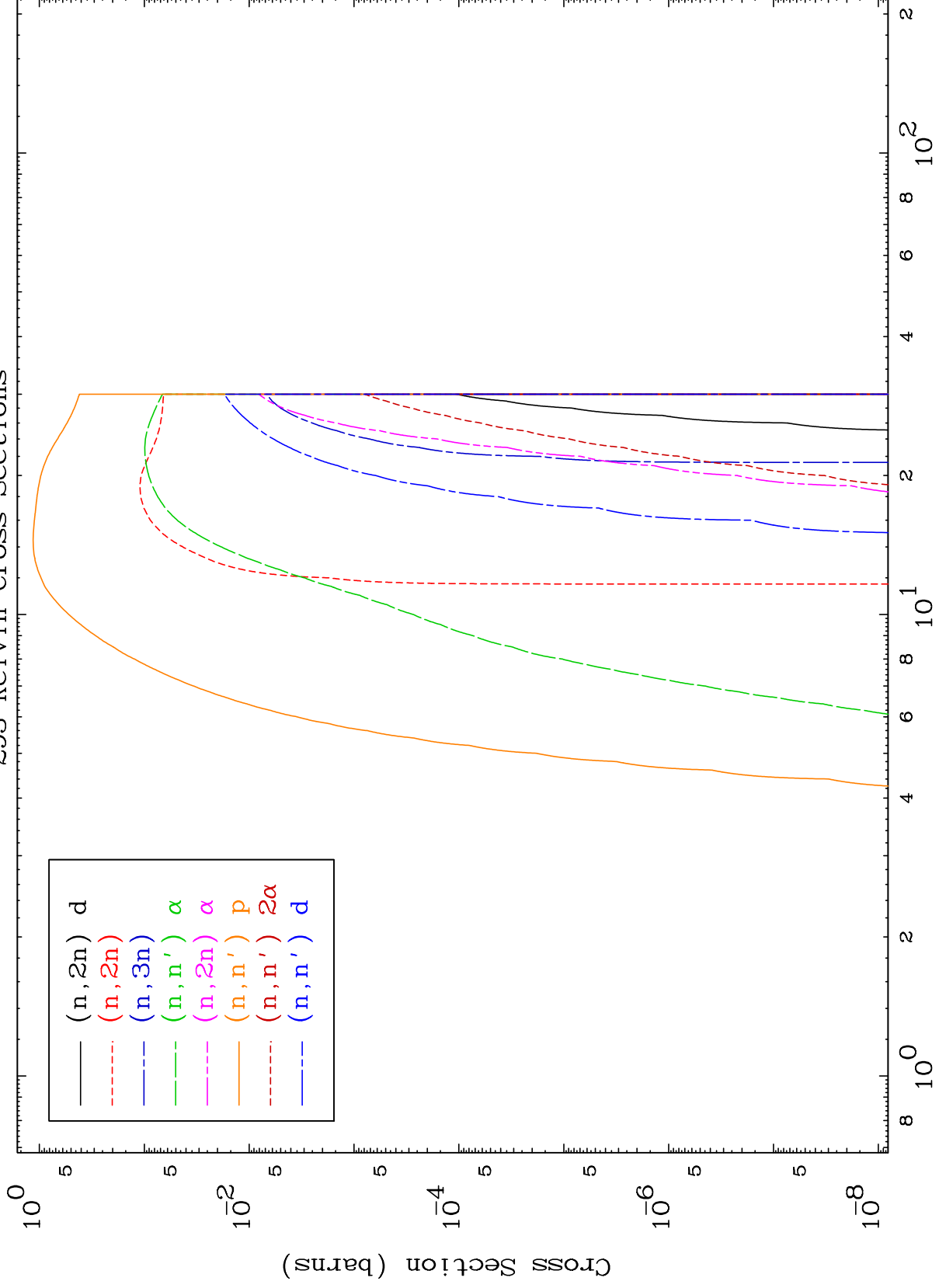
49-In-105



MAT 4901

Neutron Absorption
293 Kelvin Cross Sections

49-In-105



Incident Energy (MeV)

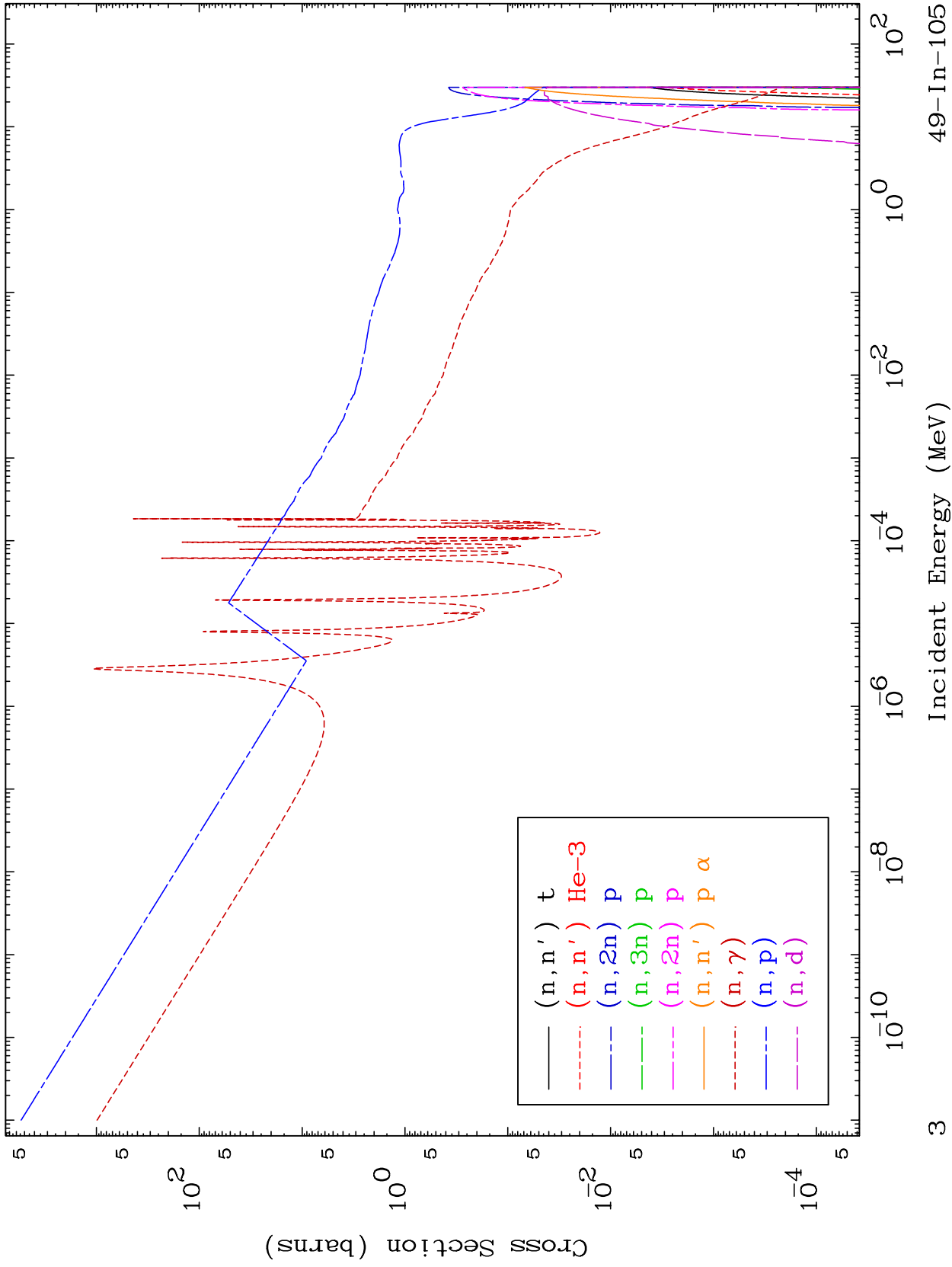
49-In-105

2

MAT 4901

Neutron Absorption
293 Kelvin Cross Sections

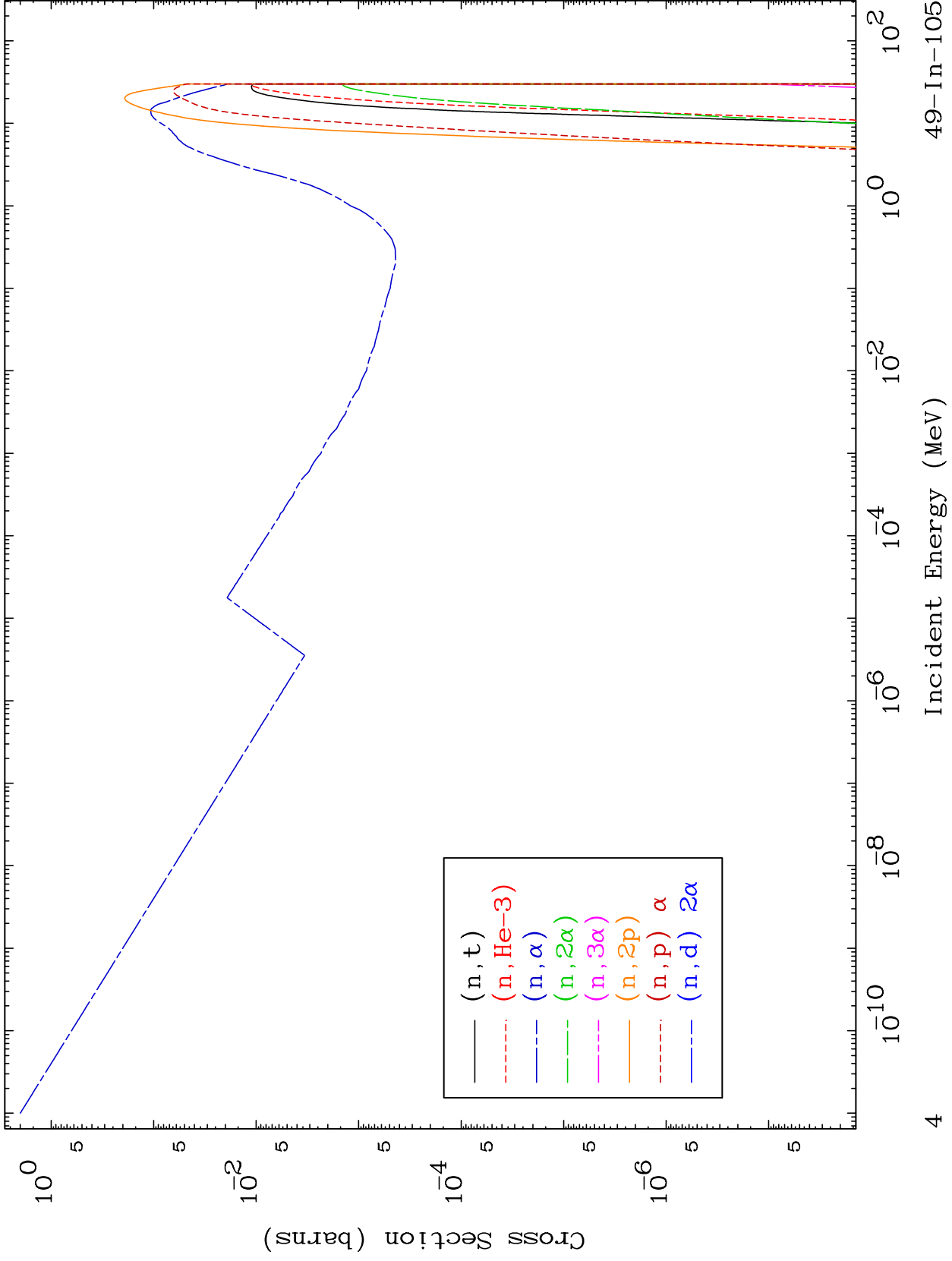
49-In-105



MAT 4901

Neutron Absorption
293 Kelvin Cross Sections

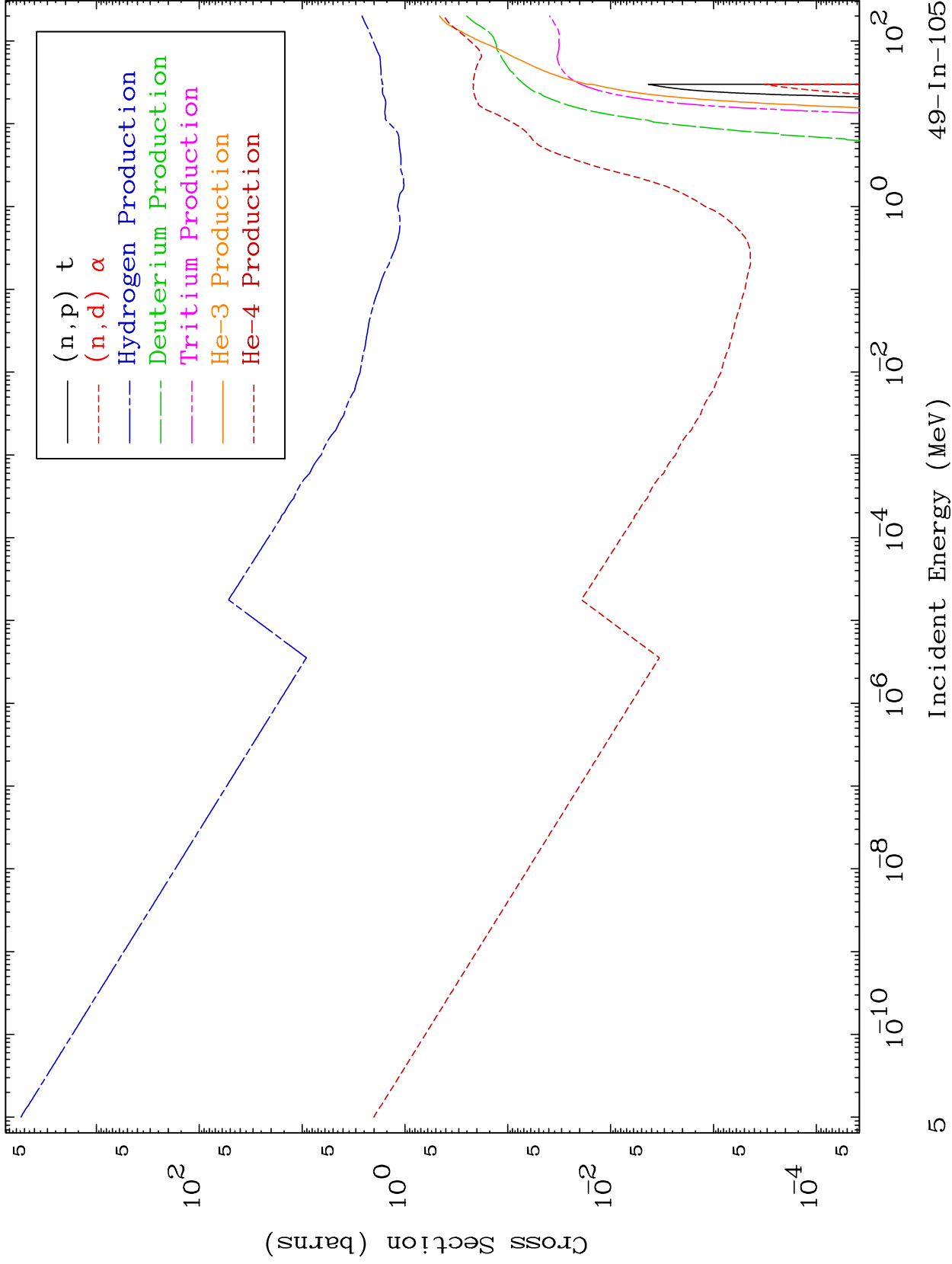
49-In-105



MAT 4901

Neutron Absorption
293 Kelvin Cross Sections

49-In-105

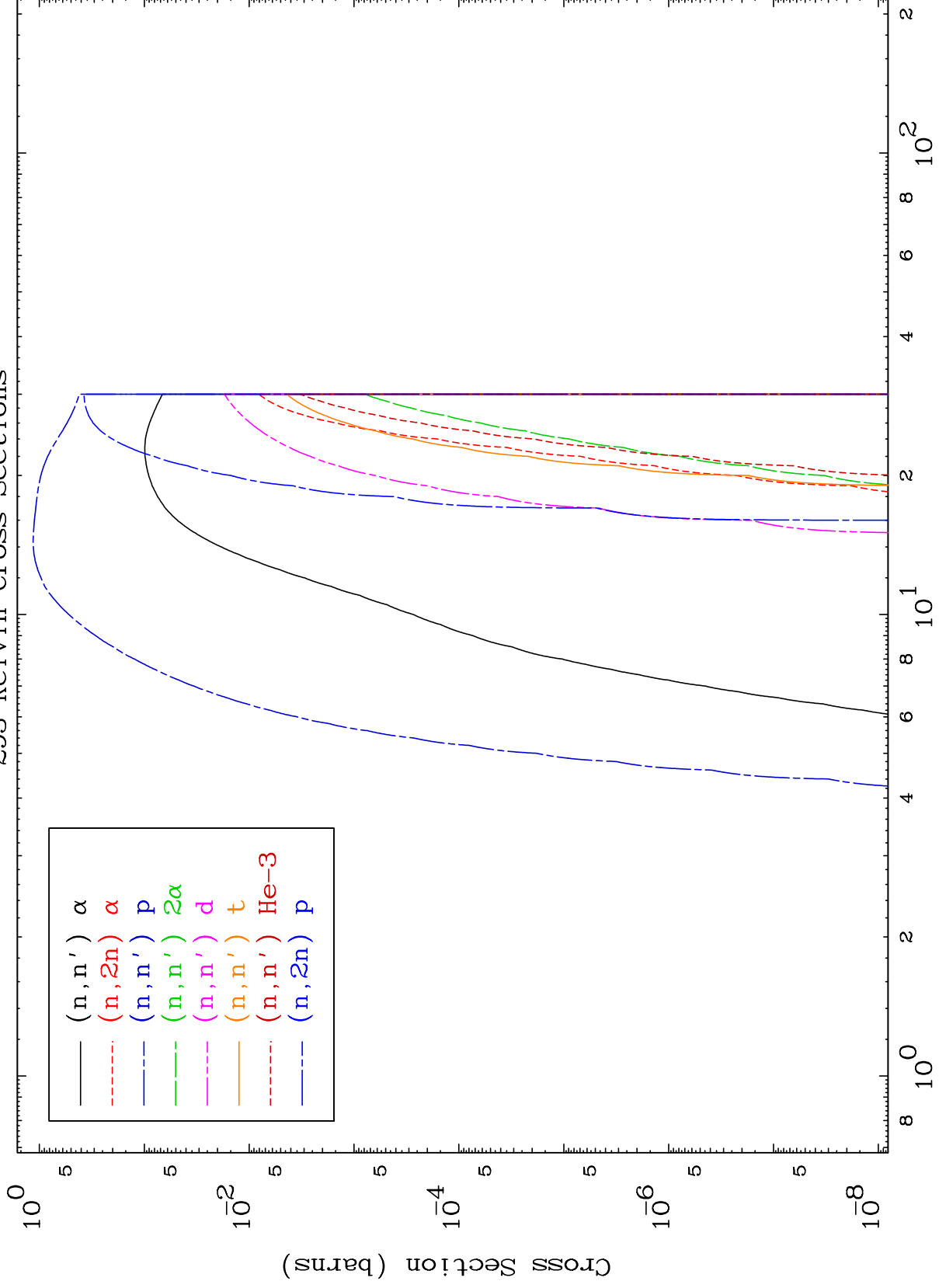


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MAT 4901

Charged Particle
293 Kelvin Cross Sections

49-In-105



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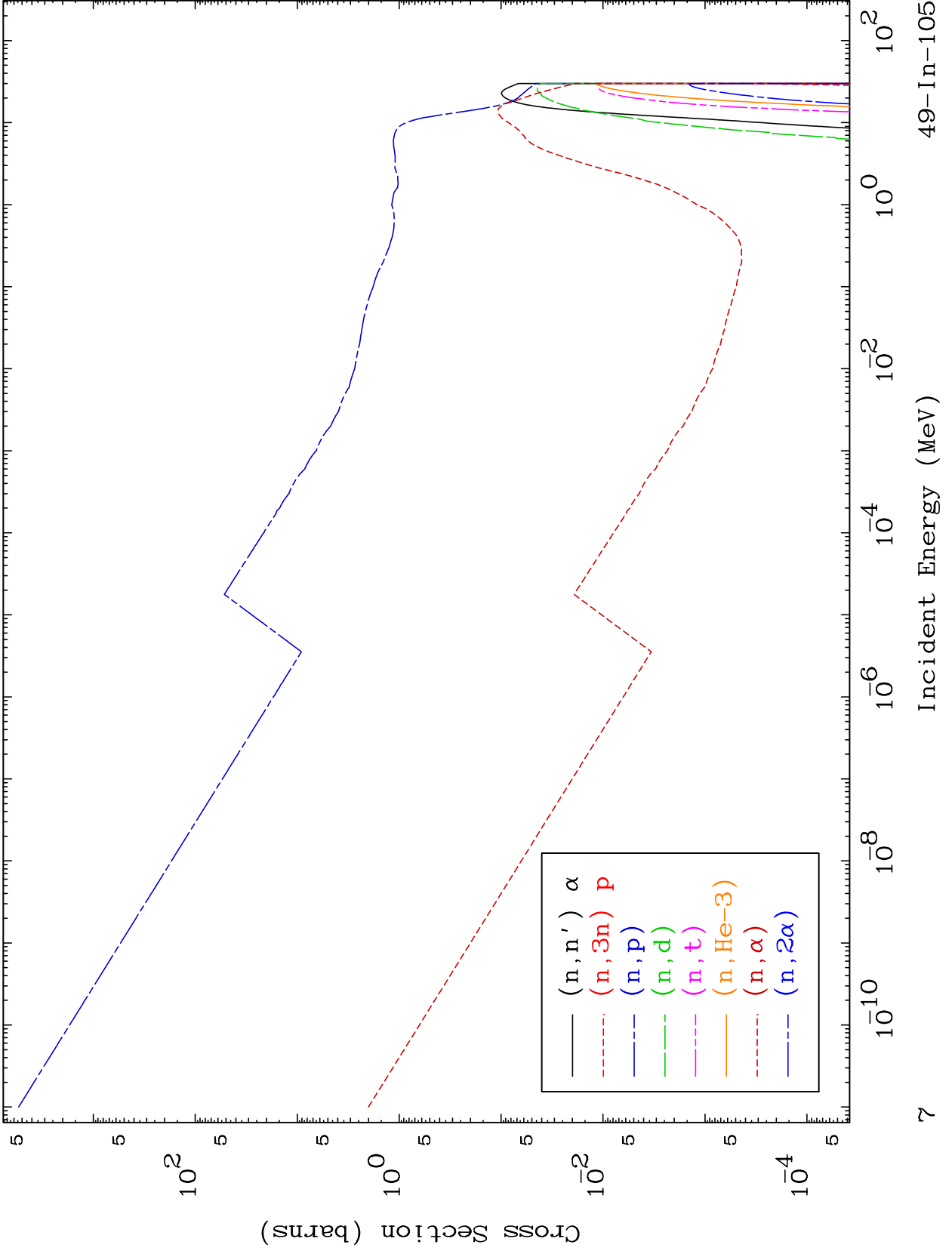
Incident Energy (MeV)

49-In-105

MAT 4901

Charged Particle
293 Kelvin Cross Sections

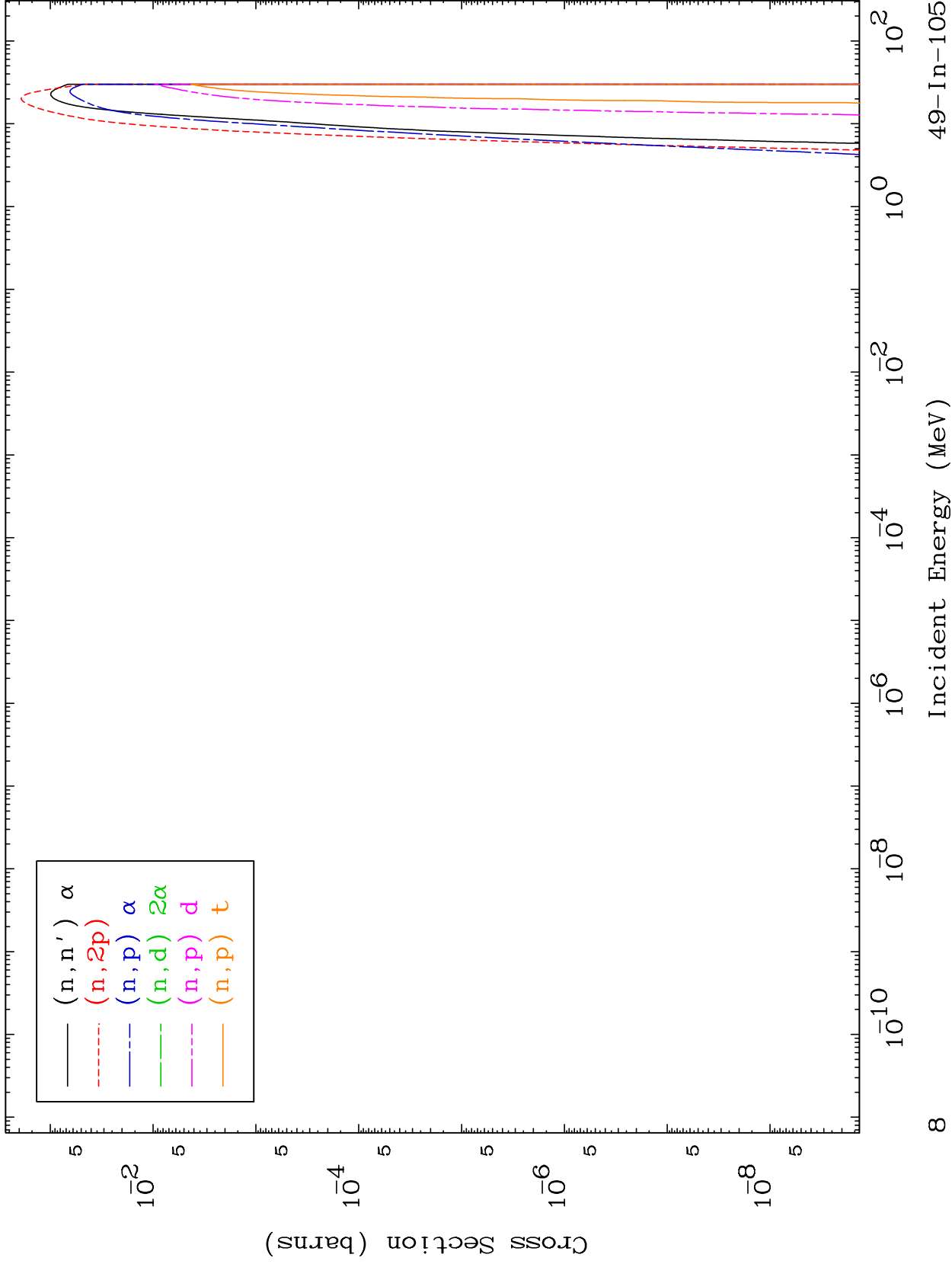
49-In-105



MAT 4901

Charged Particle
293 Kelvin Cross Sections

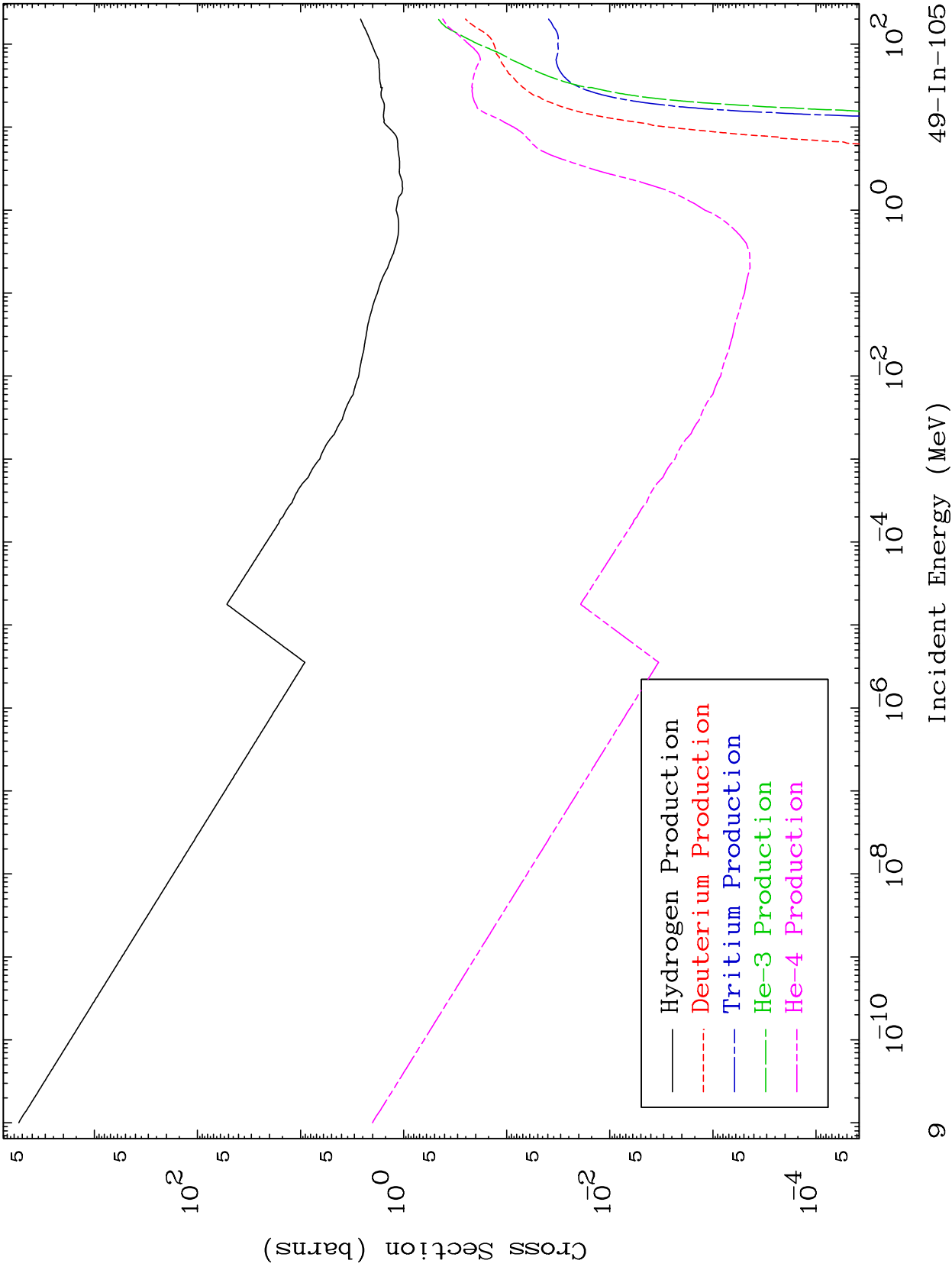
49-In-105



MAT 4901

Particle Production
293 Kelvin Cross Sections

49-In-105

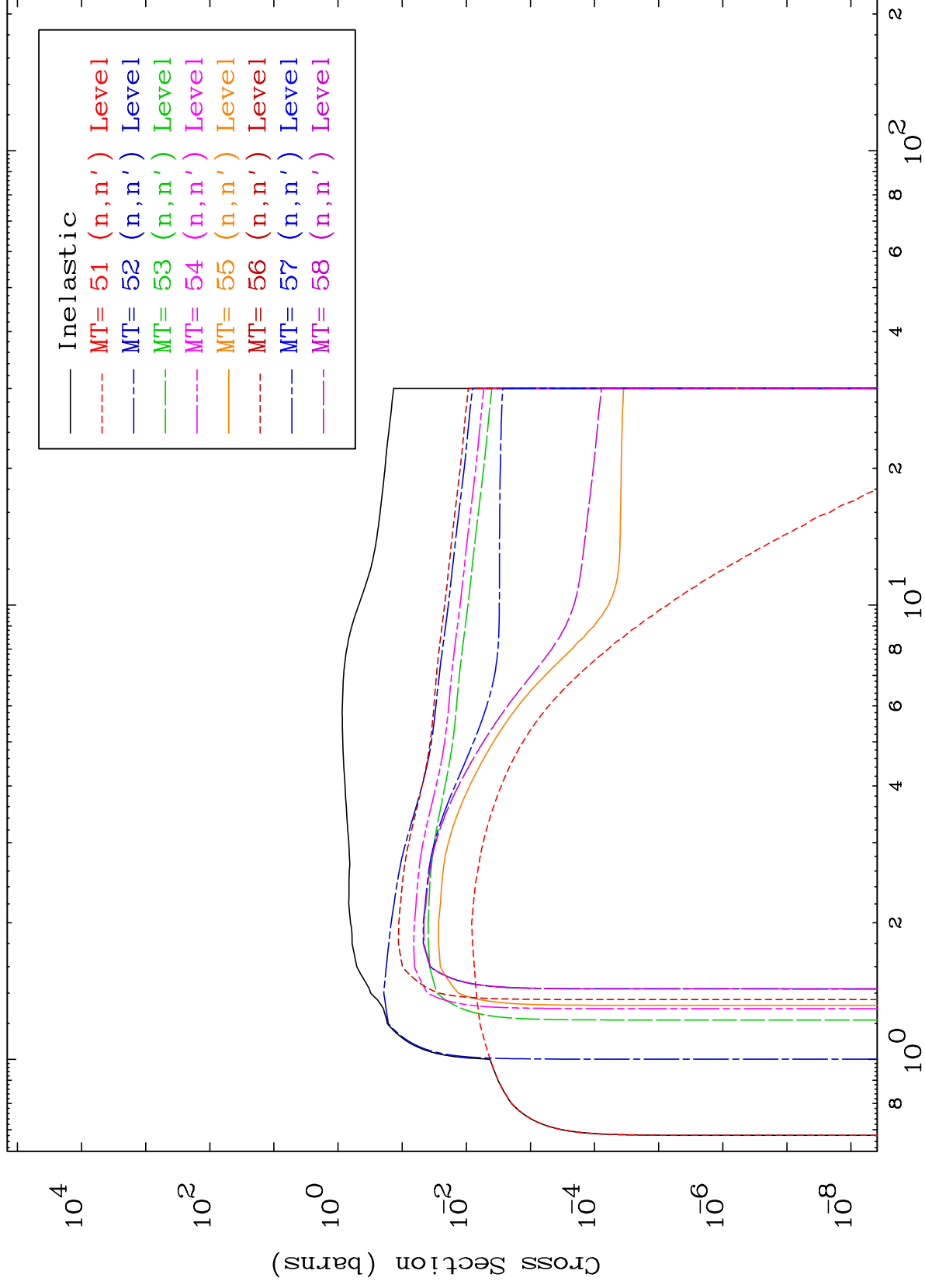


MAT 4901

(n,n') Levels

49-In-105

293 Kelvin Cross Sections

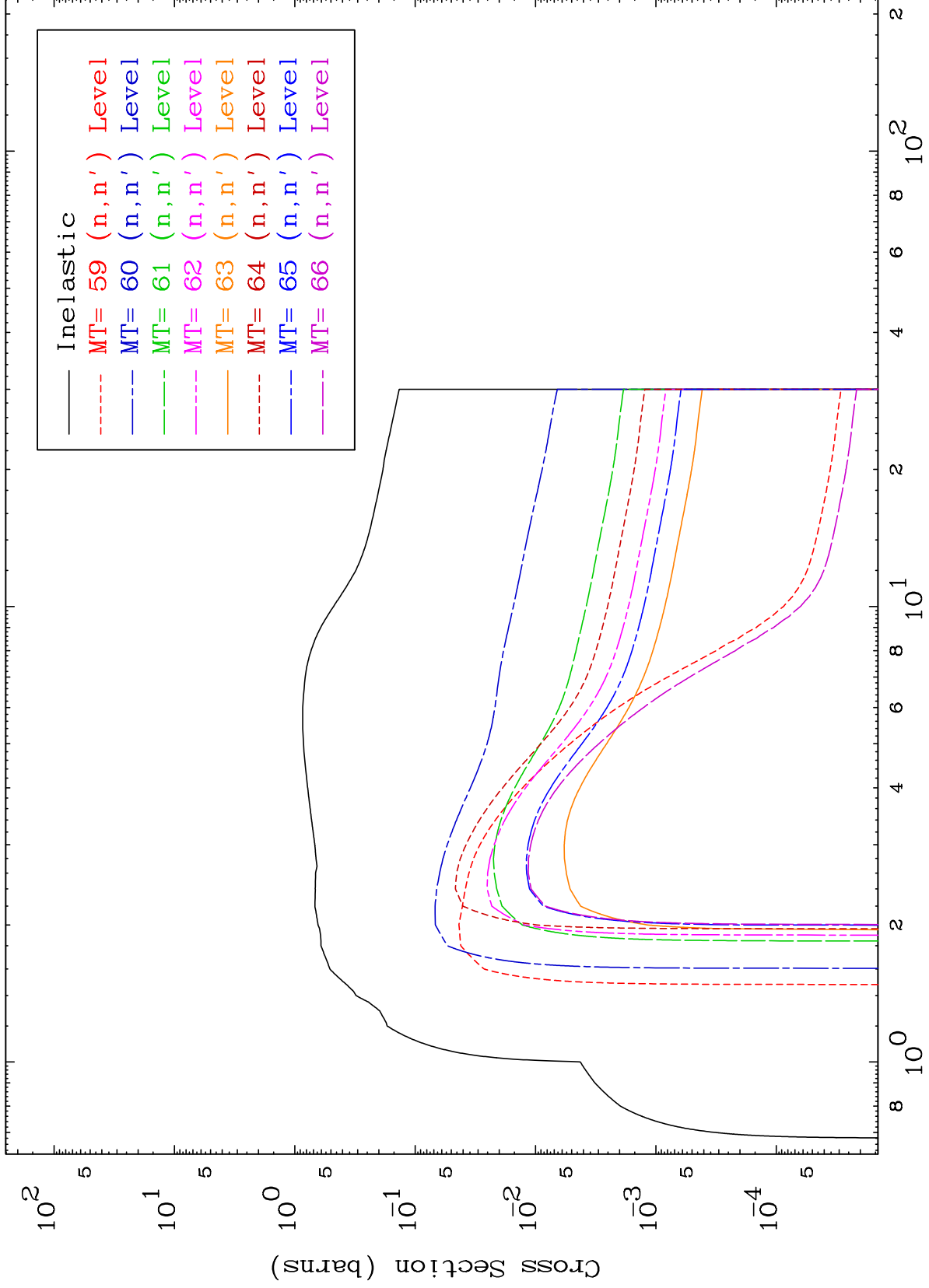


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Incident Energy (MeV)

49-In-105

293 Kelvin Cross Sections

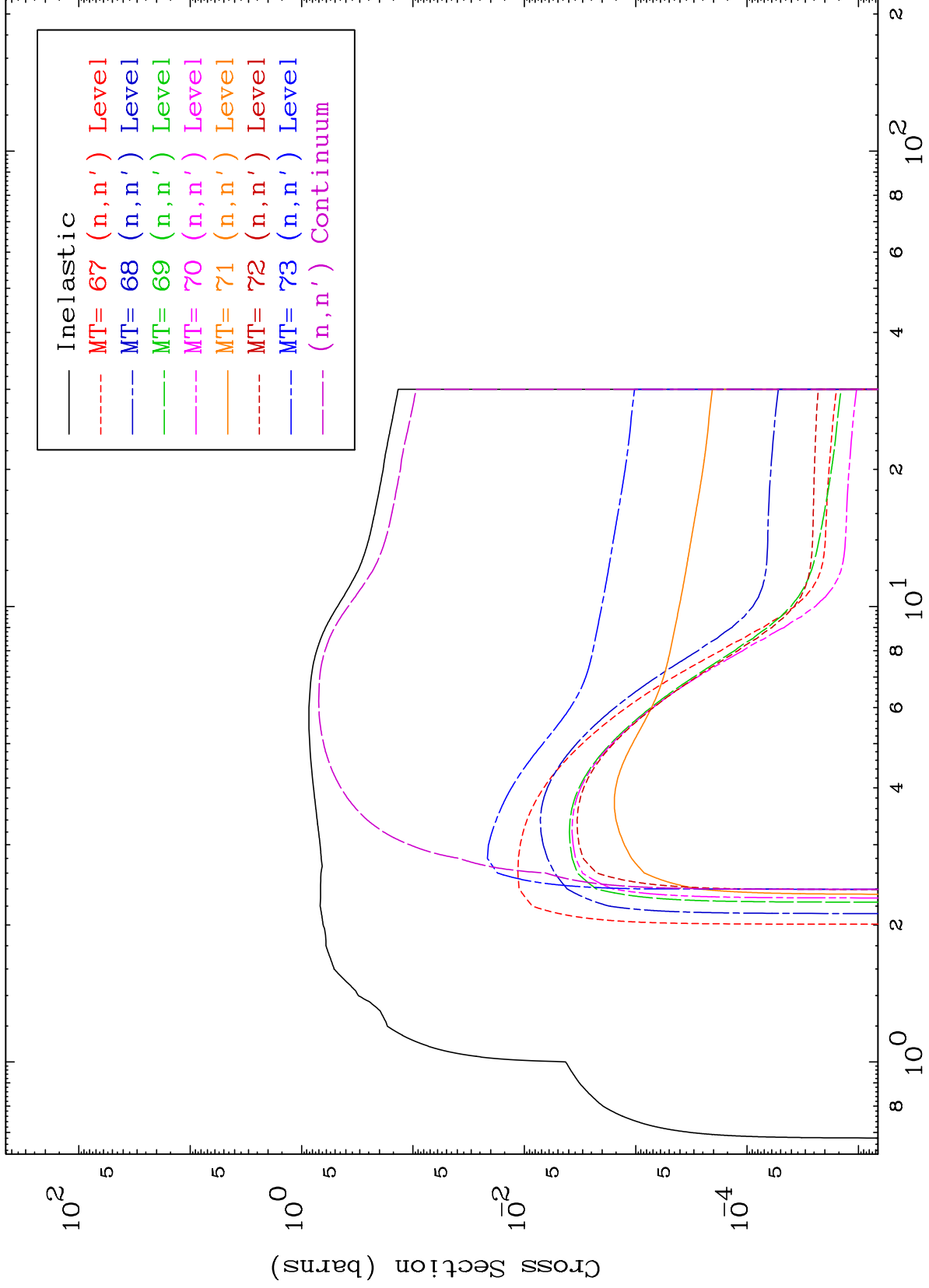


MAT 4901

(n,n') Levels

49-In-105

293 Kelvin Cross Sections



12

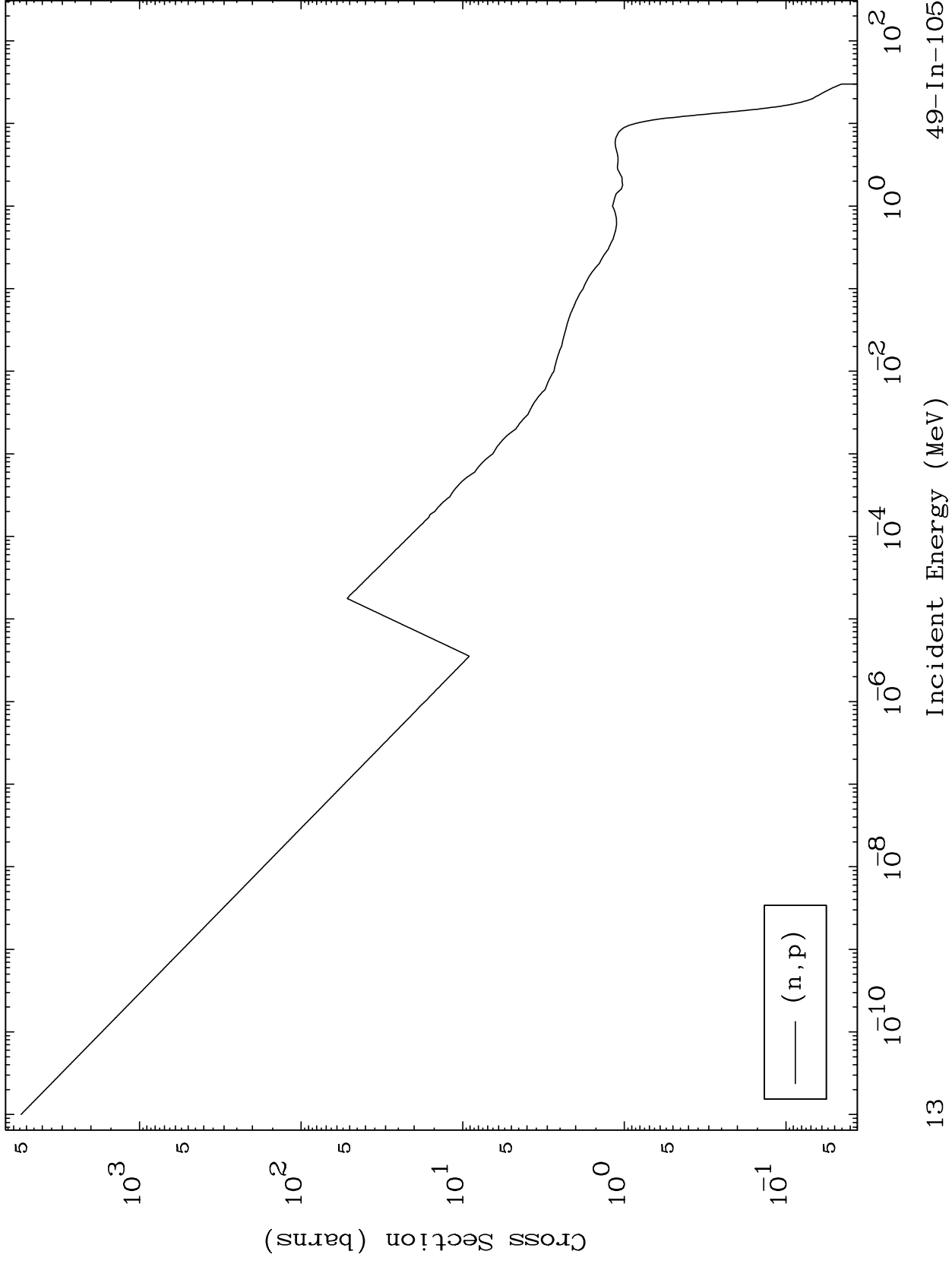
Incident Energy (MeV)

49-In-105

MAT 4901

(n,p) Levels
293 Kelvin Cross Sections

49-In-105

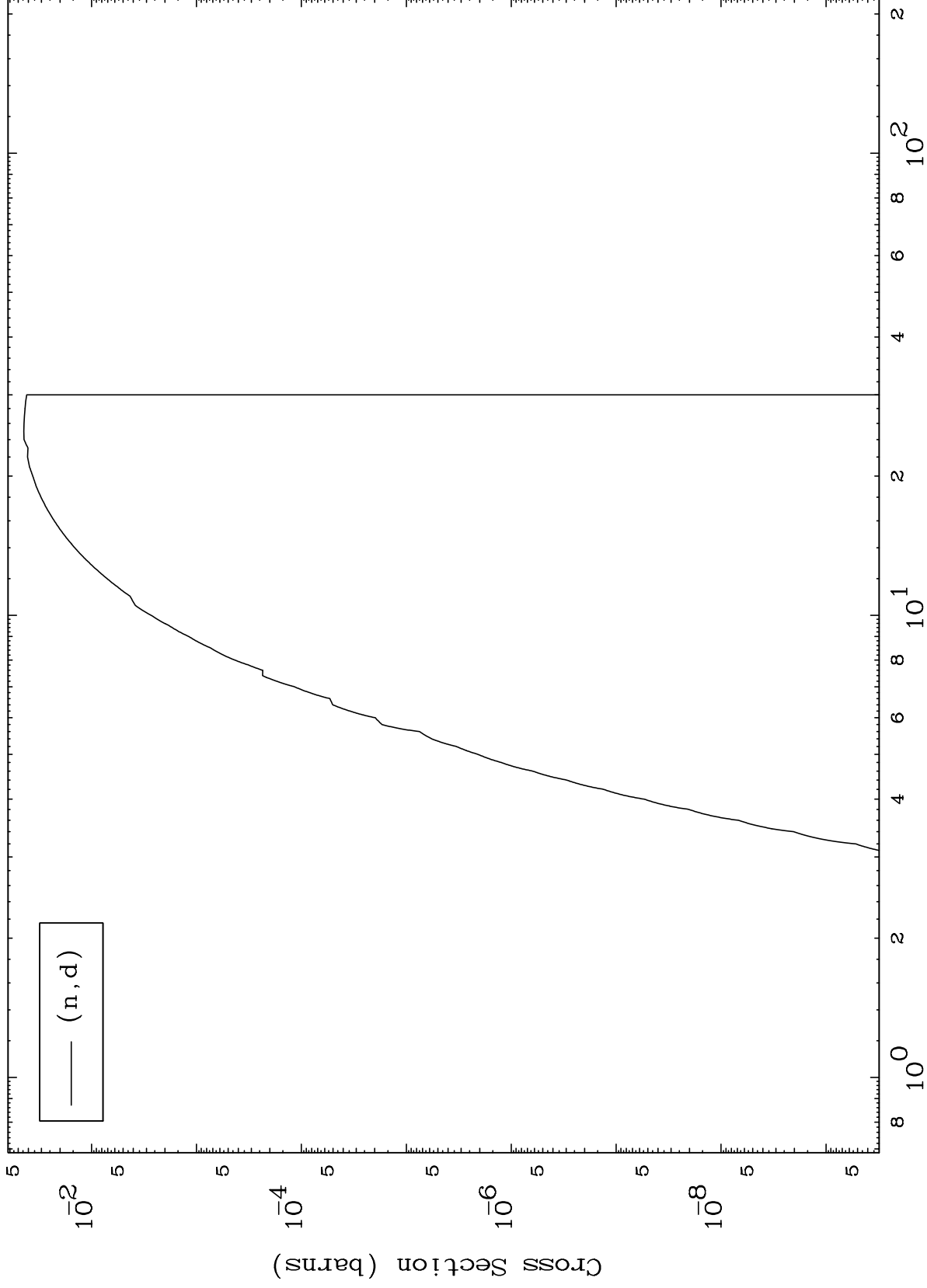


13

MAT 4901

(n,d) Levels
293 Kelvin Cross Sections

49-In-105



14

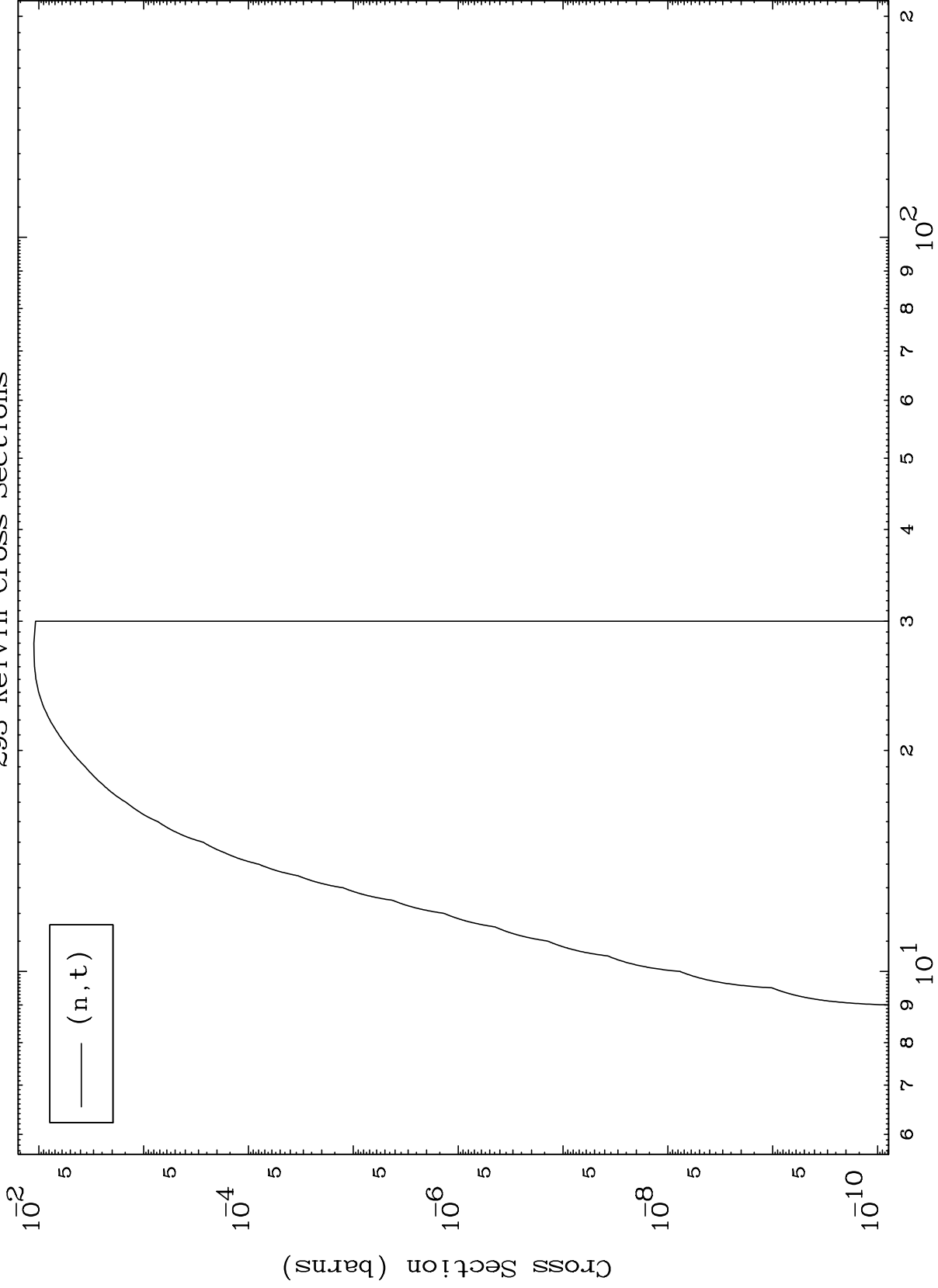
Incident Energy (MeV)

49-In-105

MAT 4901

(n, t) Levels
293 Kelvin Cross Sections

49-In-105



15

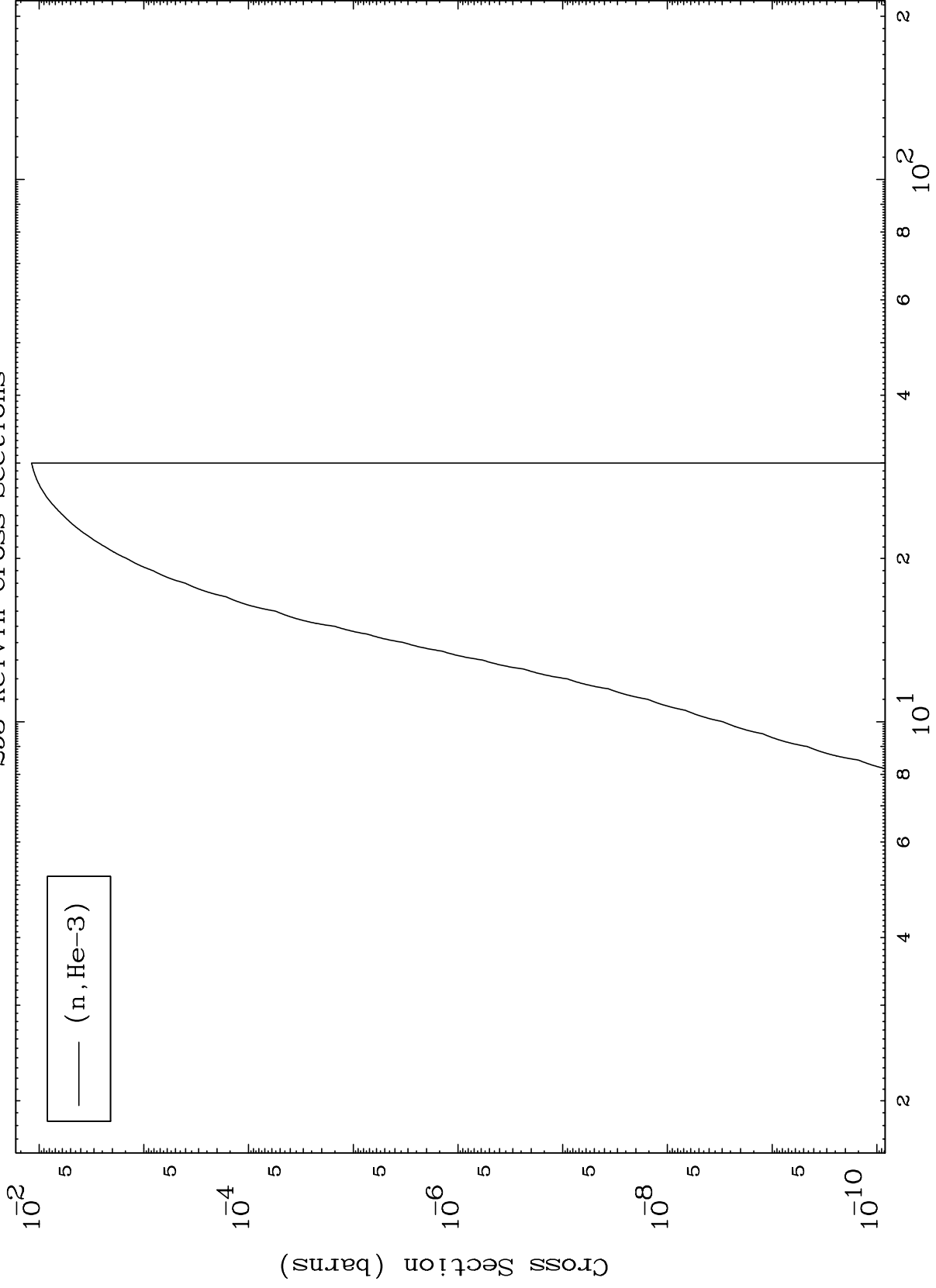
Incident Energy (MeV)

49-In-105

MAT 4901

(n,He3) Levels
293 Kelvin Cross Sections

49-In-105



16

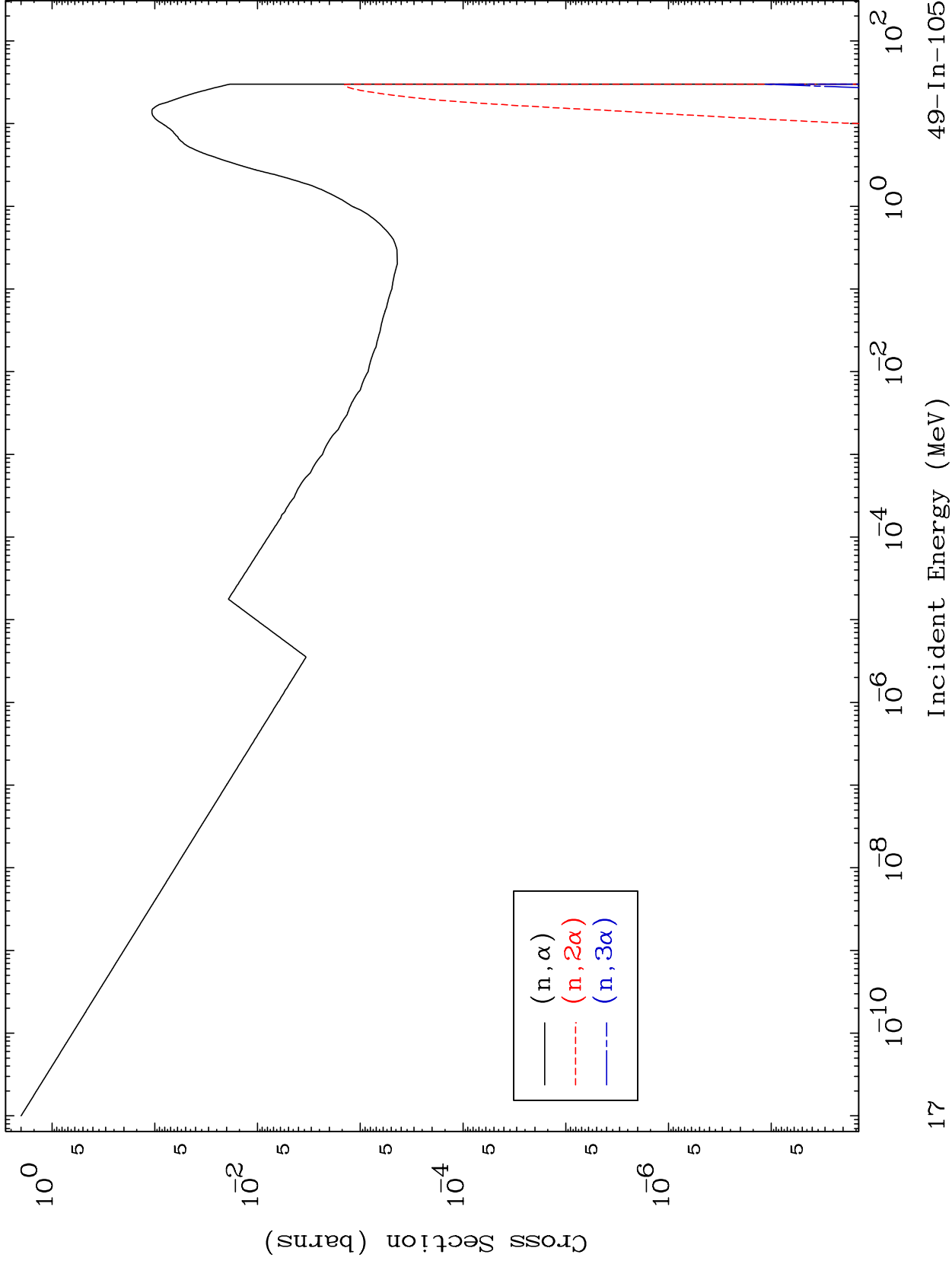
Incident Energy (MeV)

49-In-105

MAT 4901

(n, α) Levels
293 Kelvin Cross Sections

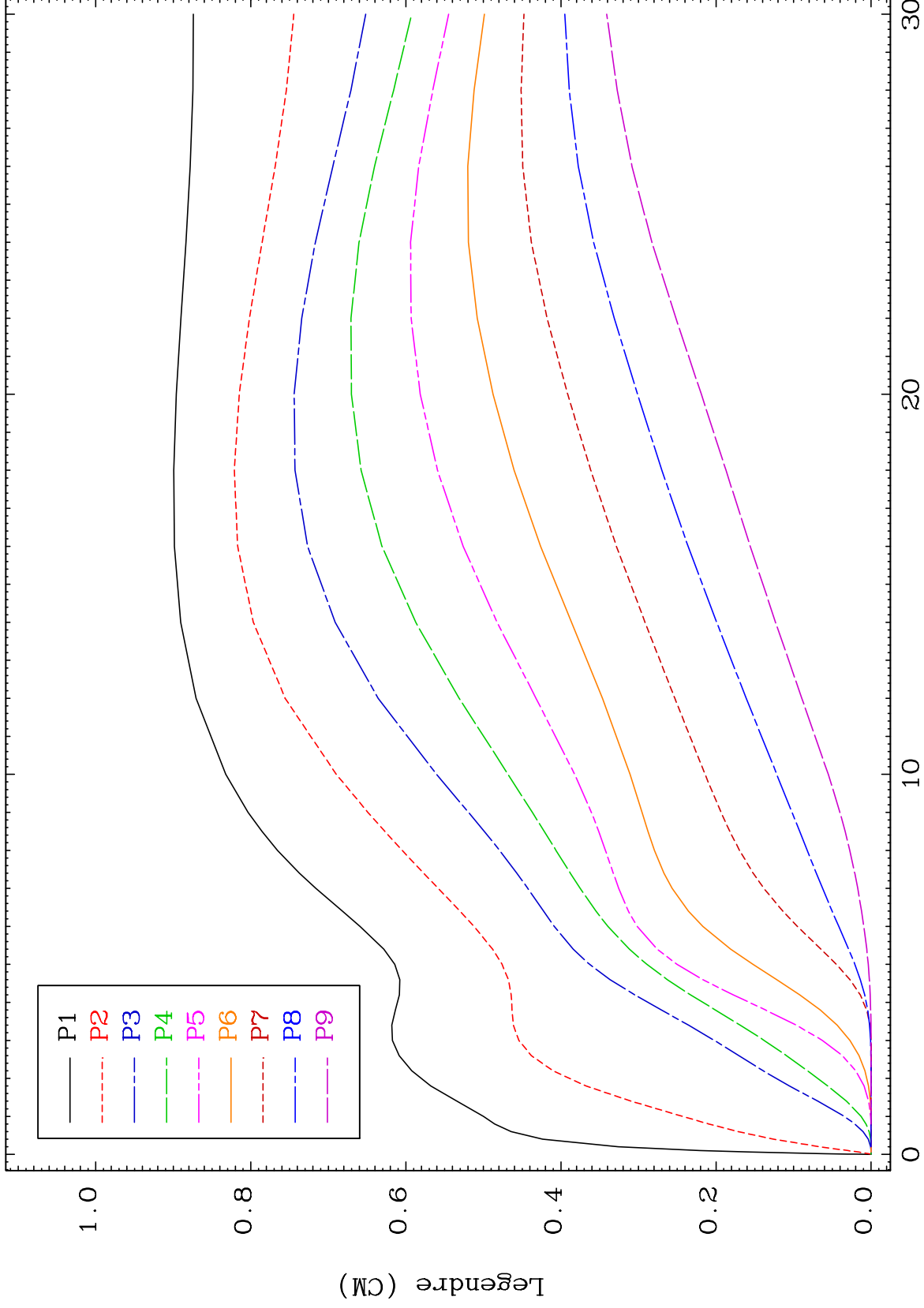
49-In-105



MAT 4901

Elastic Legendre Coefficients

49-In-105



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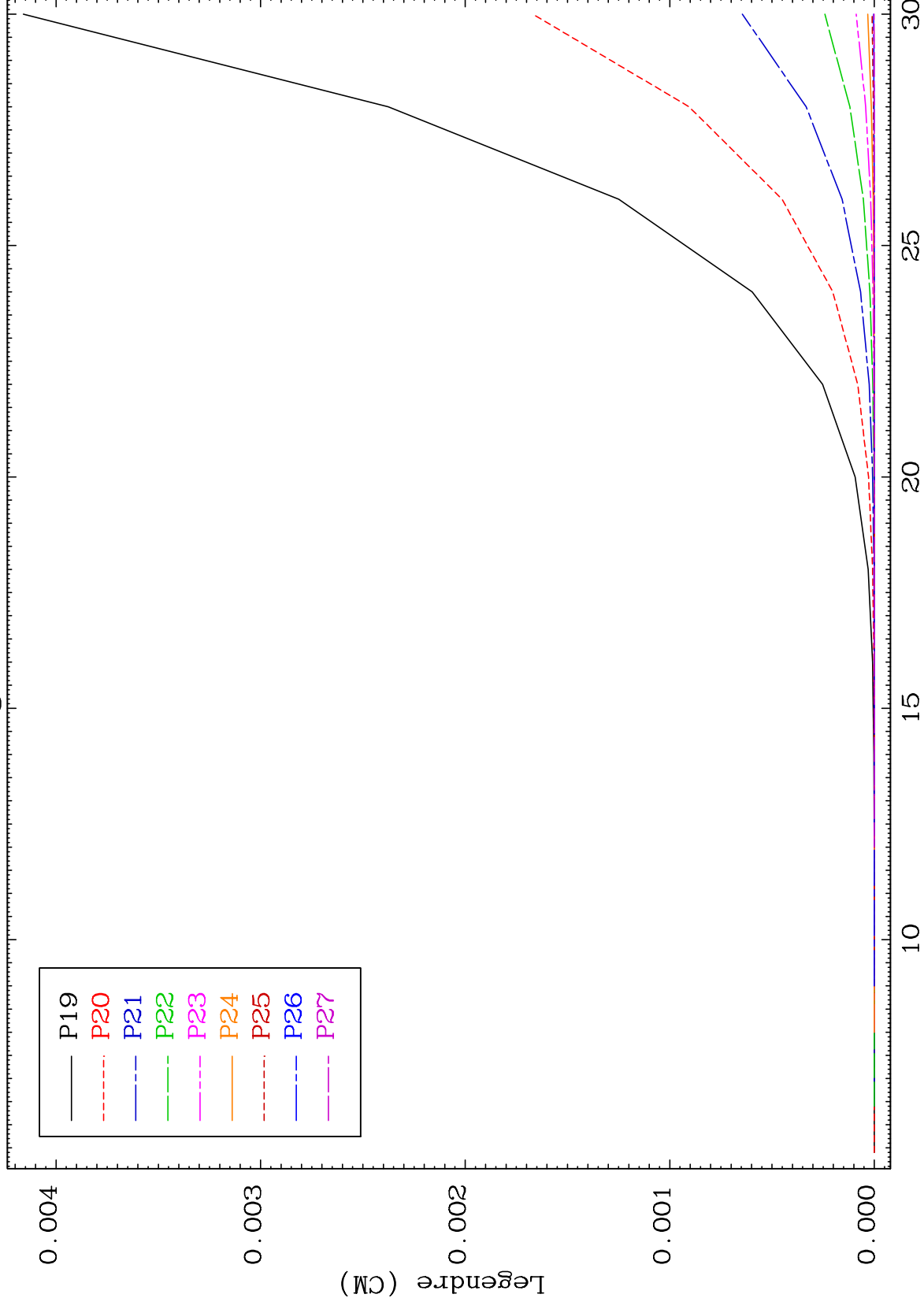
Incident Energy (MeV)

49-In-105

MAT 4901

Elastic
Legendre Coefficients

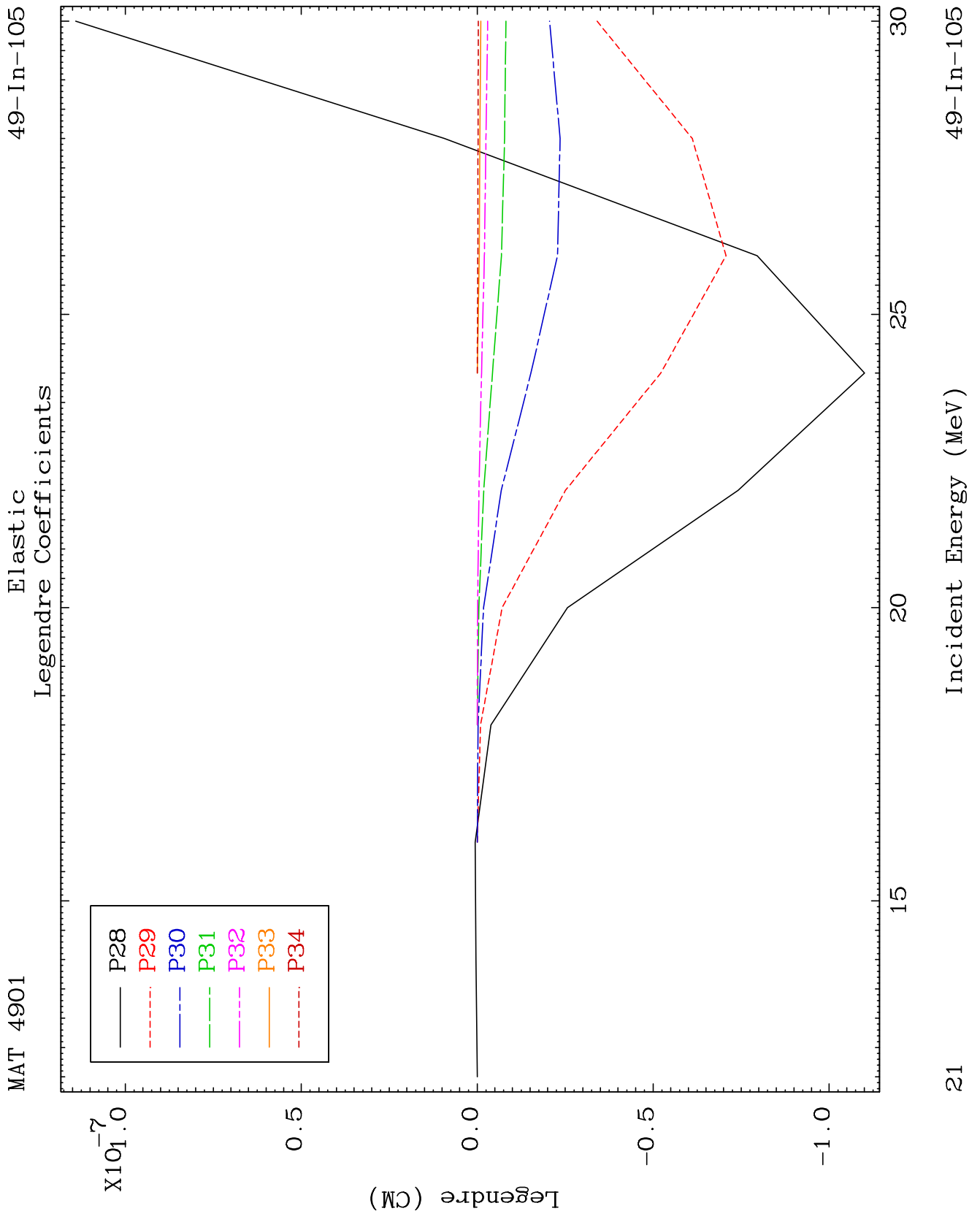
49-In-105

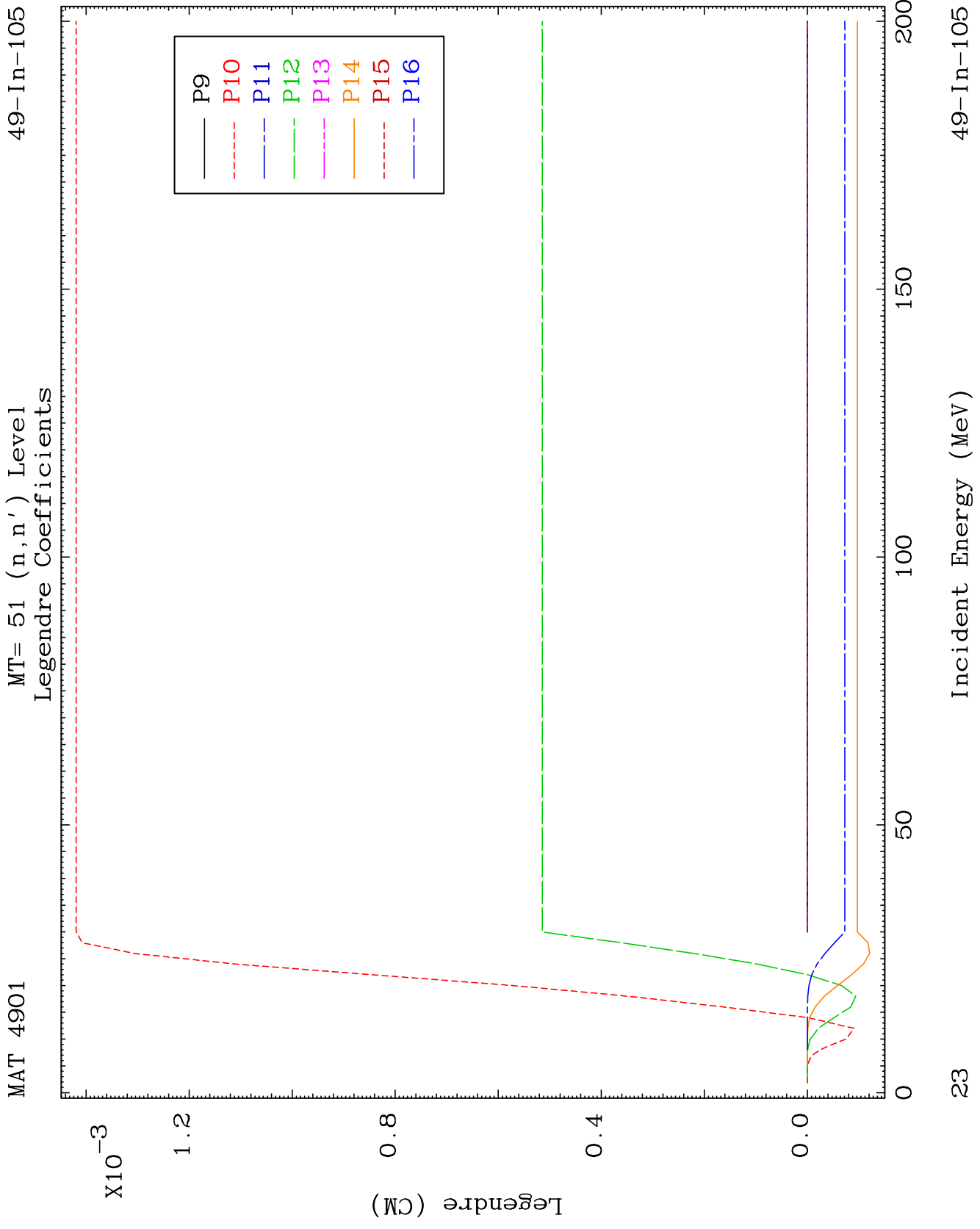


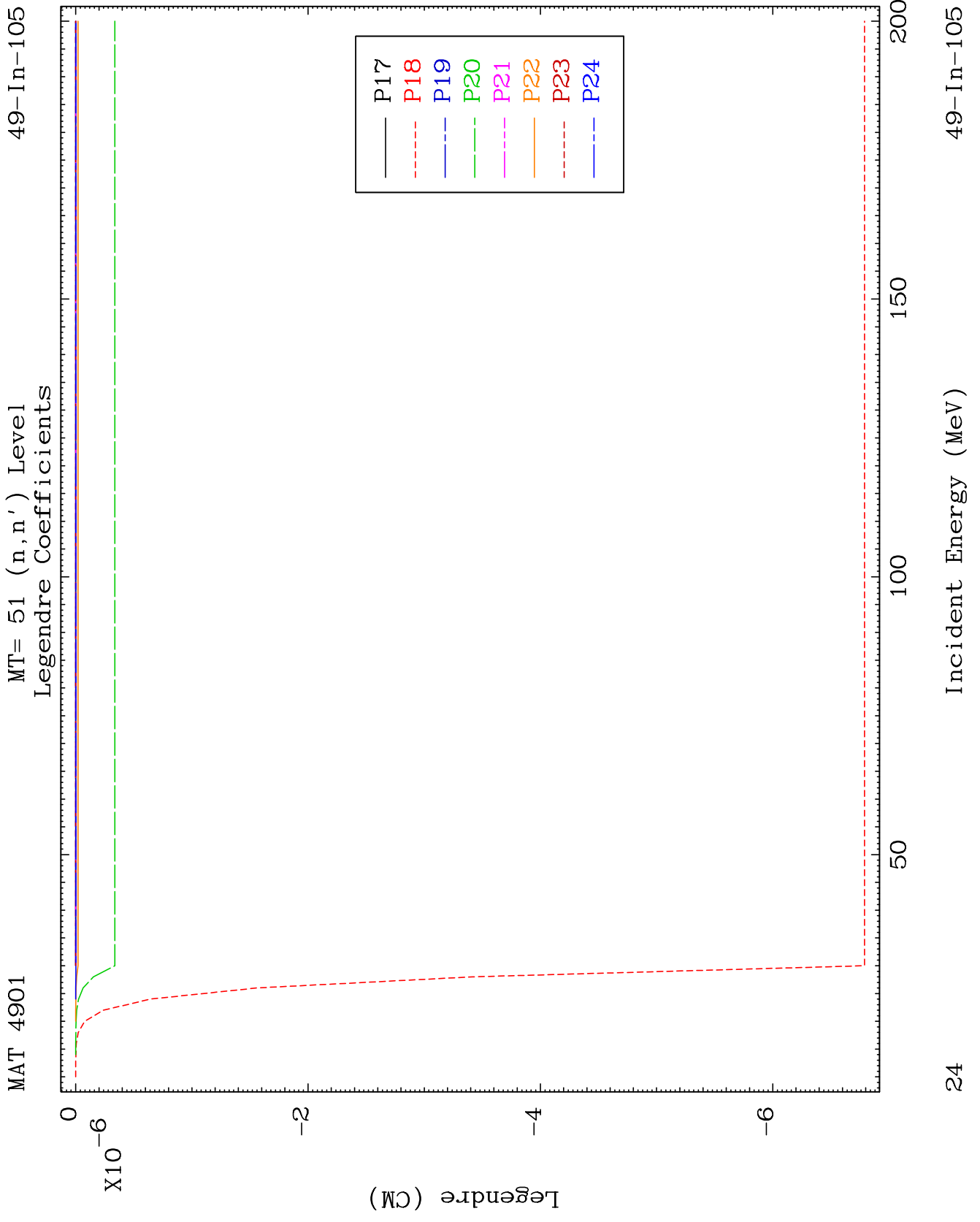
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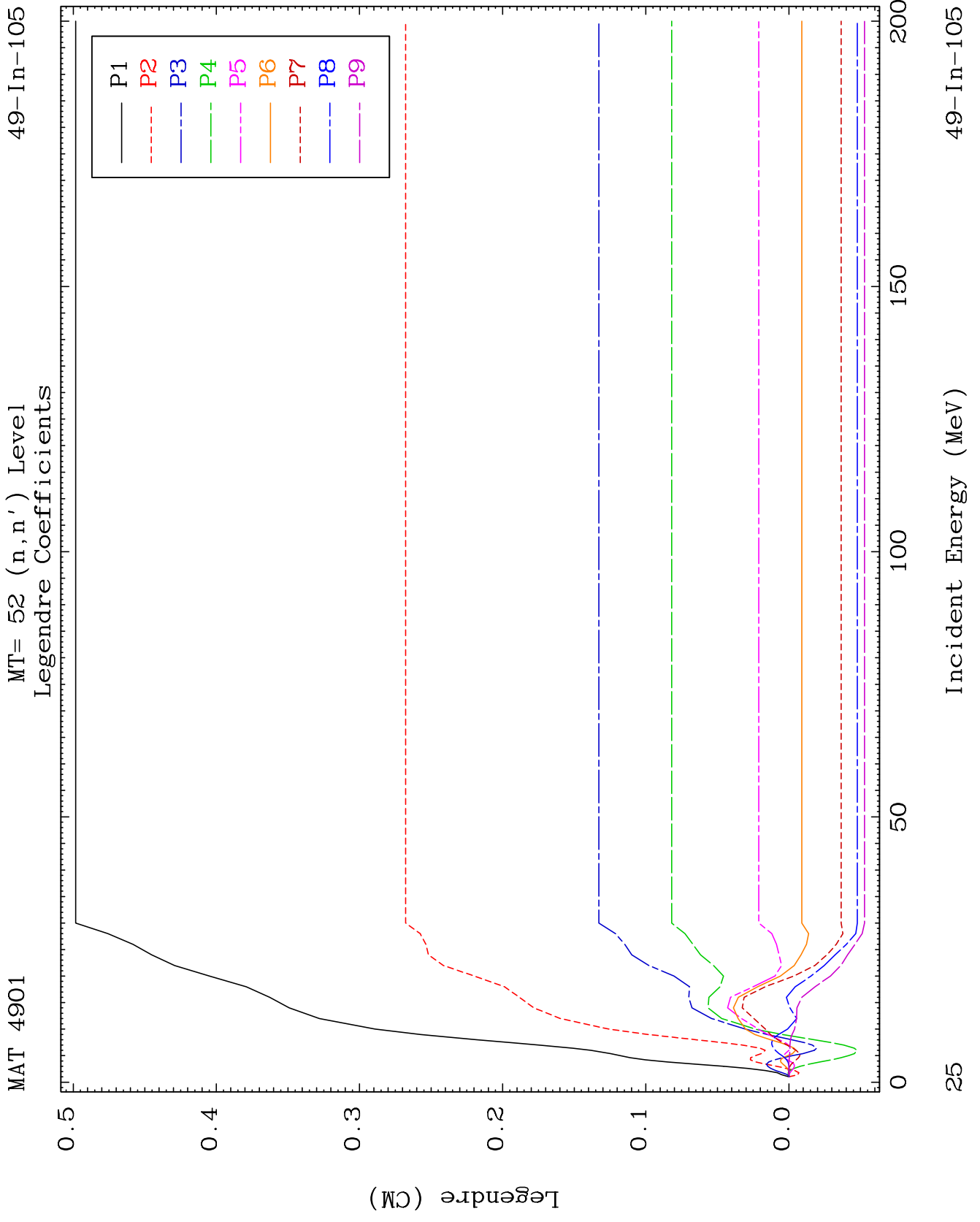
Incident Energy (MeV)

49-In-105





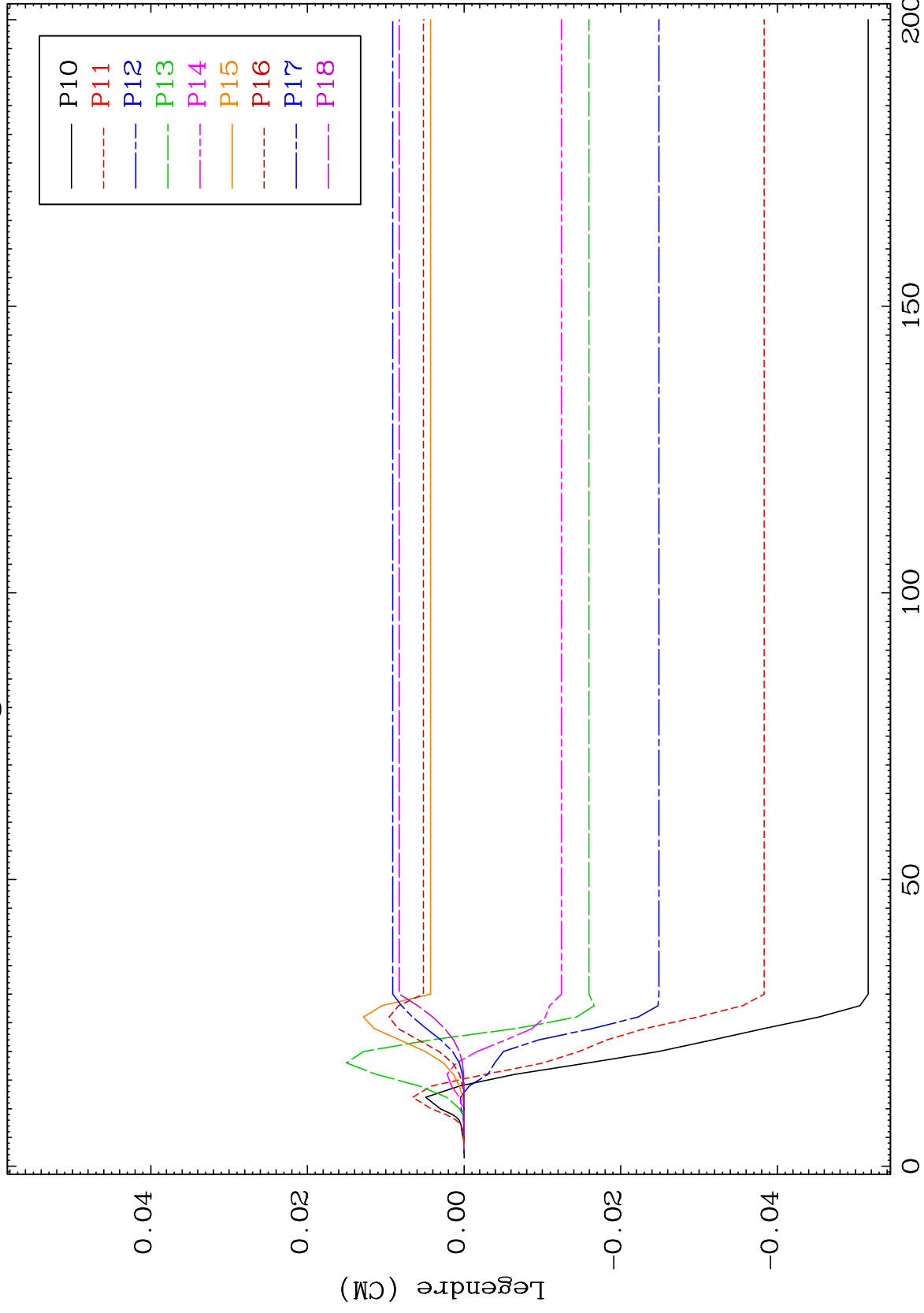




MAT 4901

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

49-In-105



26

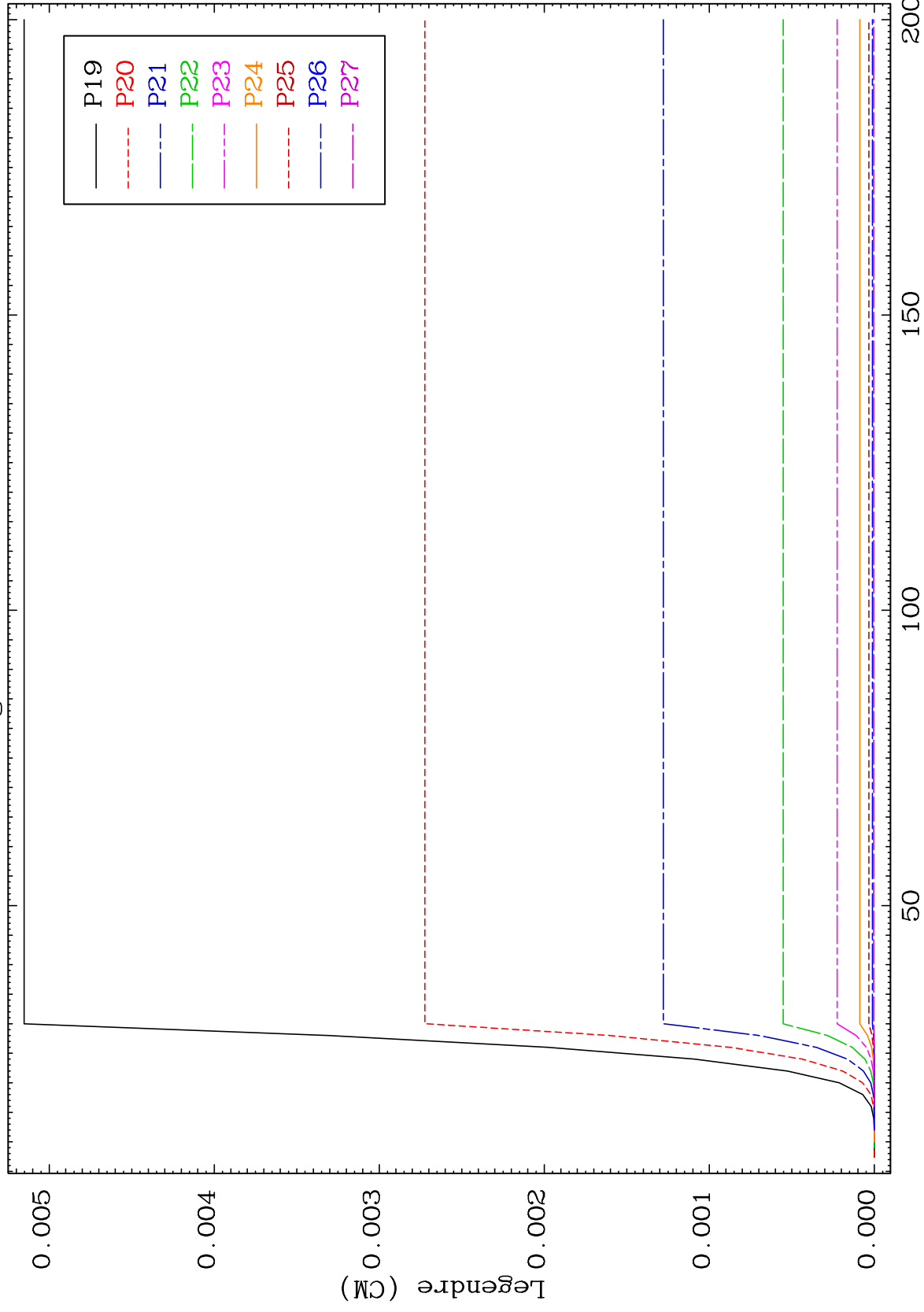
Incident Energy (MeV)

49-In-105

MAT 4901

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

49-In-105



27

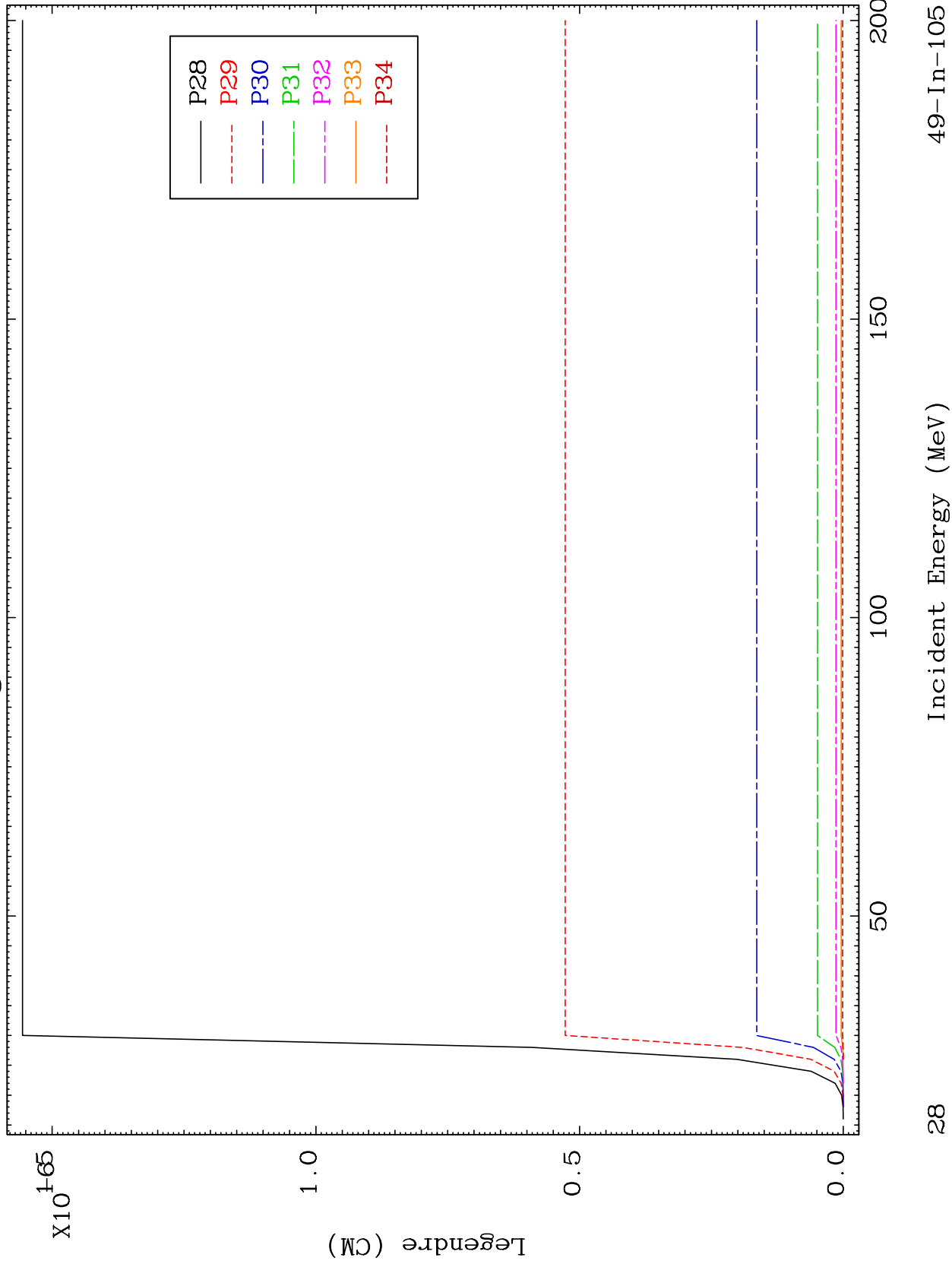
Incident Energy (MeV)

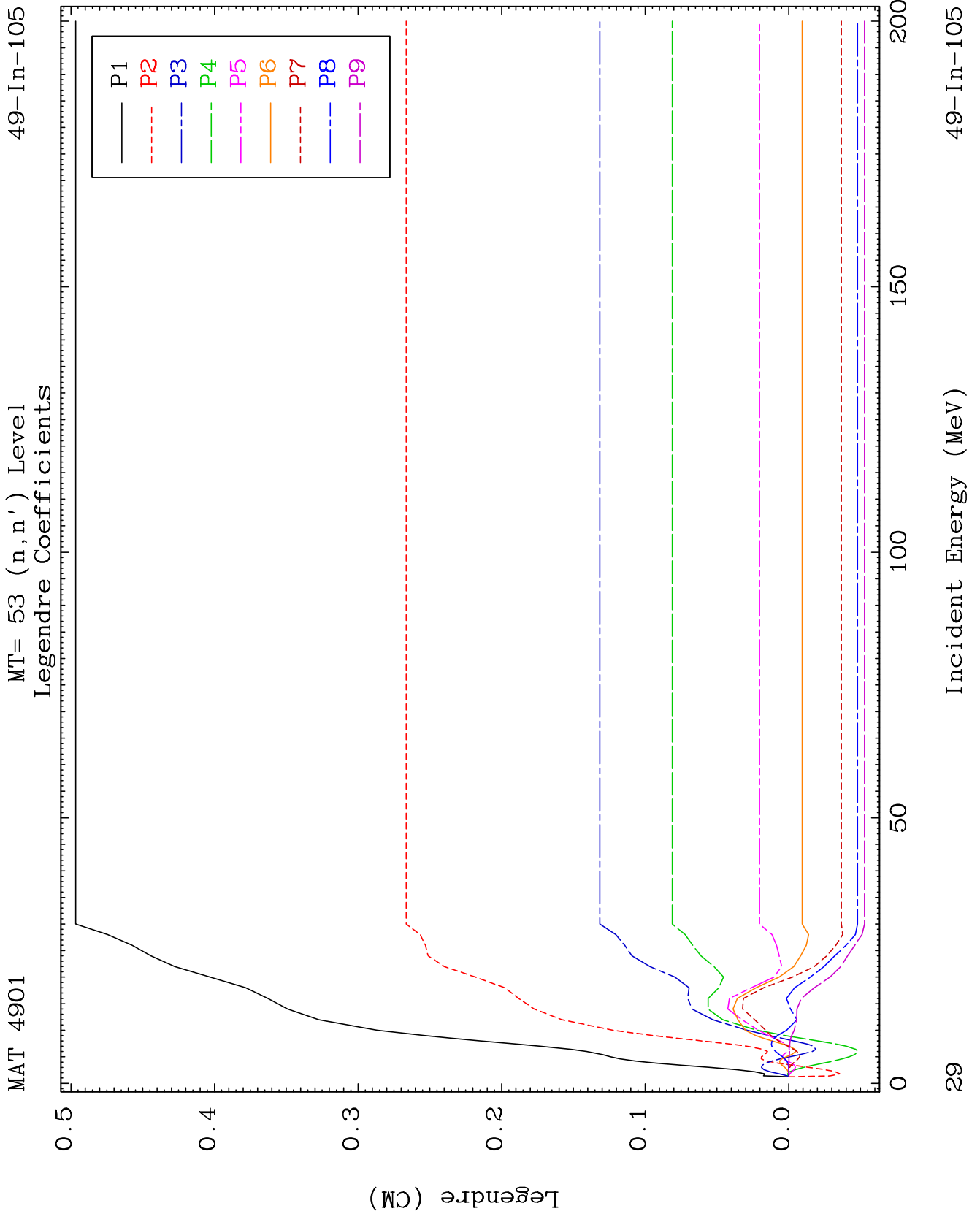
49-In-105

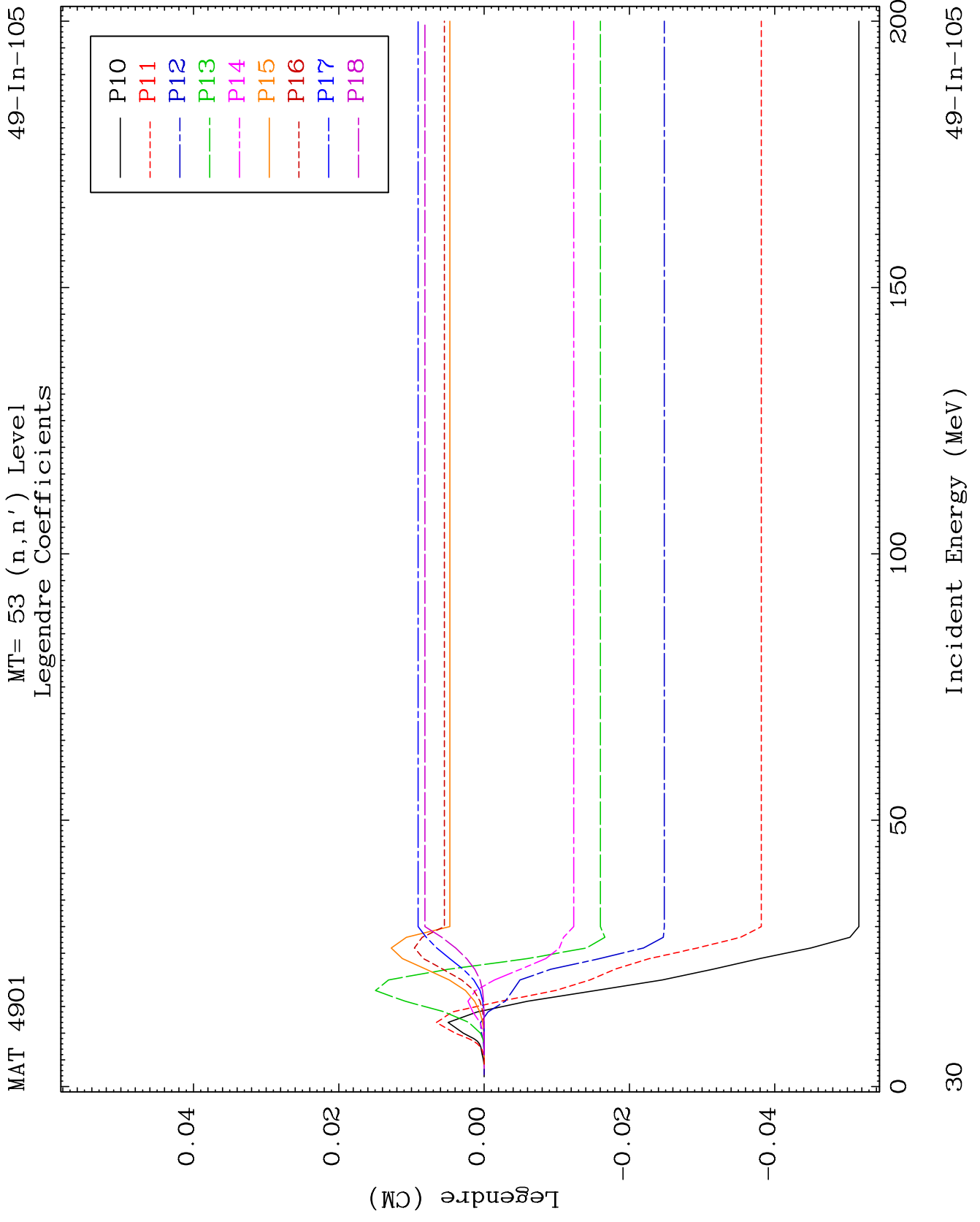
MAT 4901

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

49-In-105



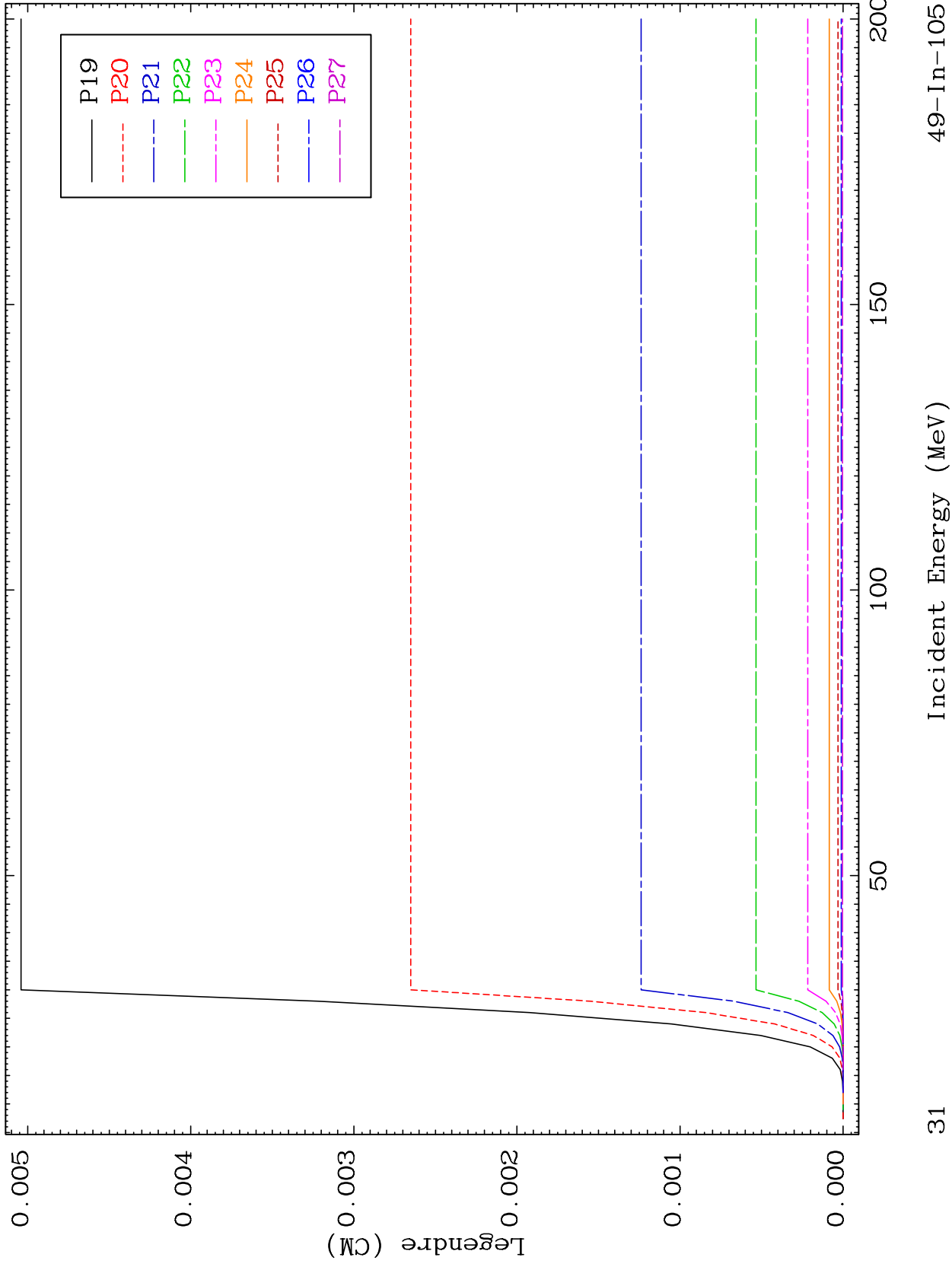




MAT 4901

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

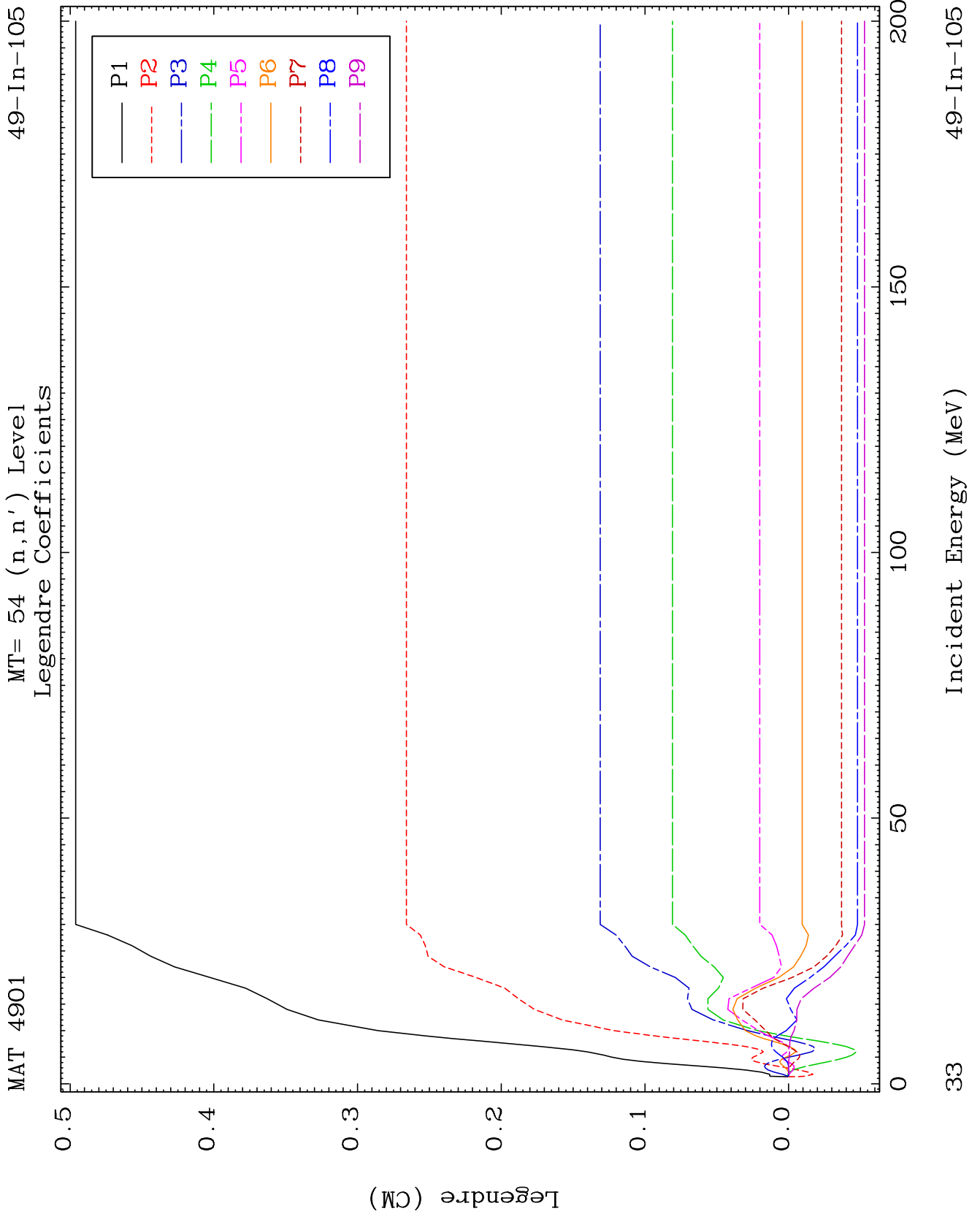
49-In-105

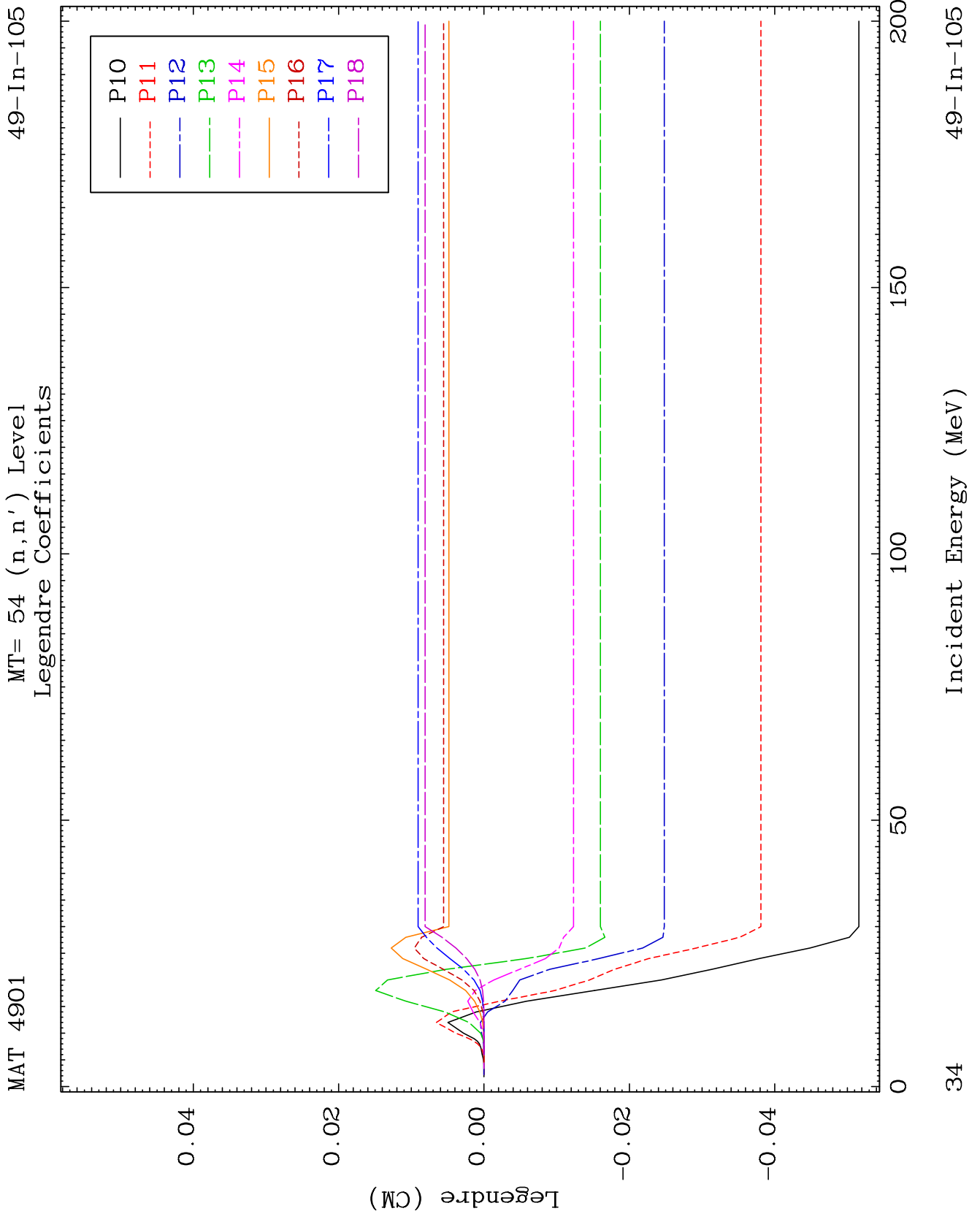


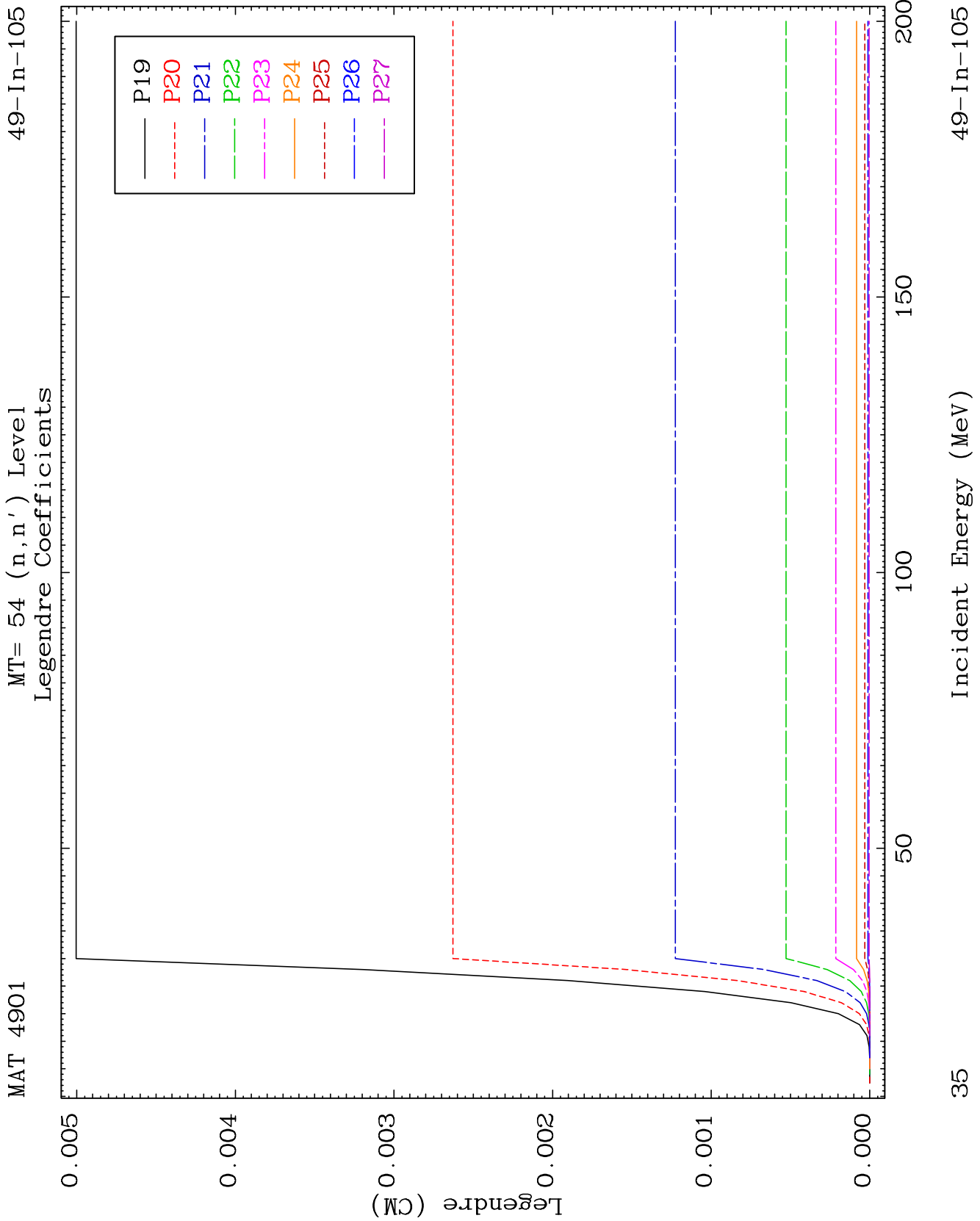
31

Incident Energy (MeV)

49-In-105



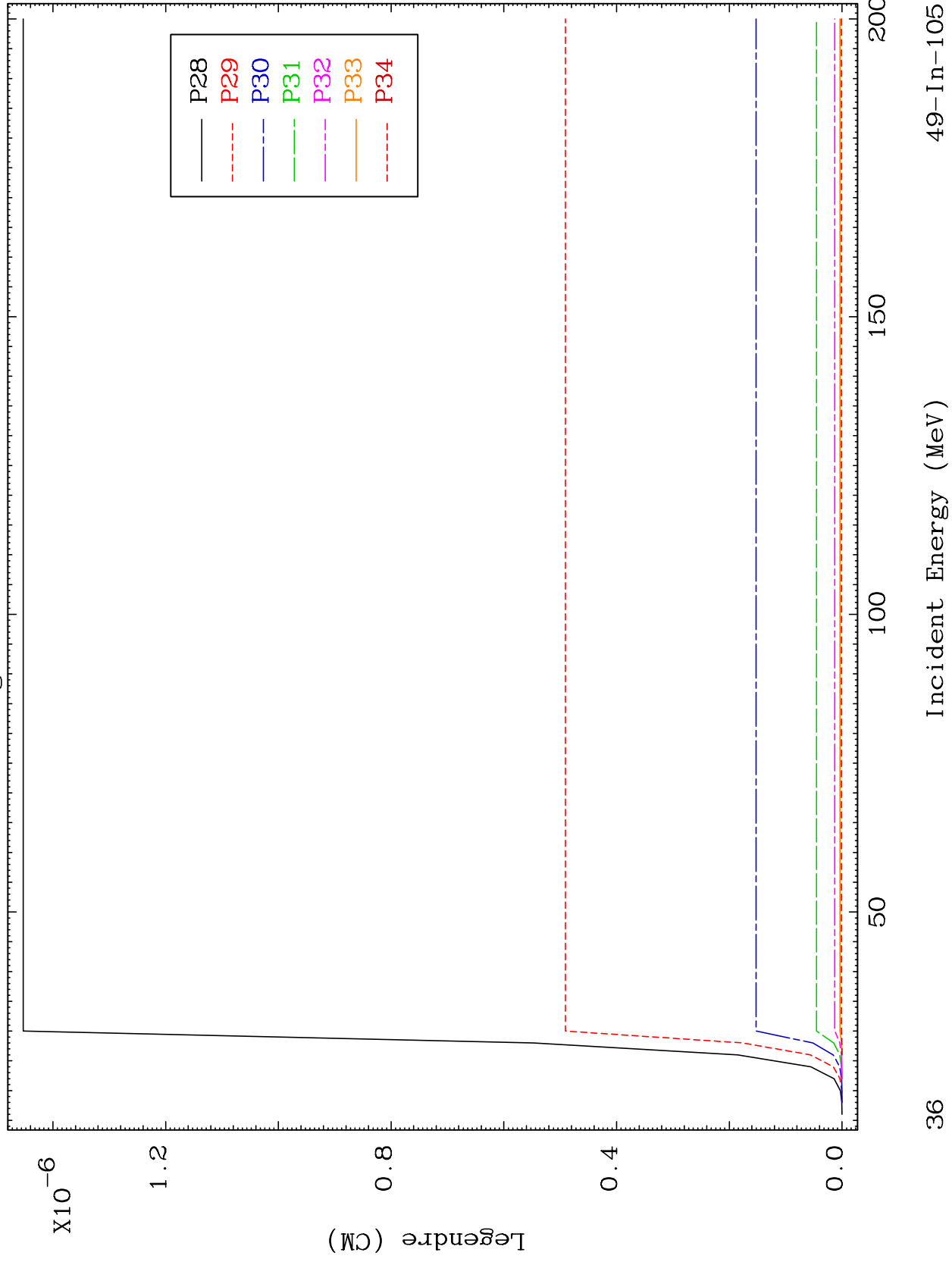




MAT 4901

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

49-In-105



36

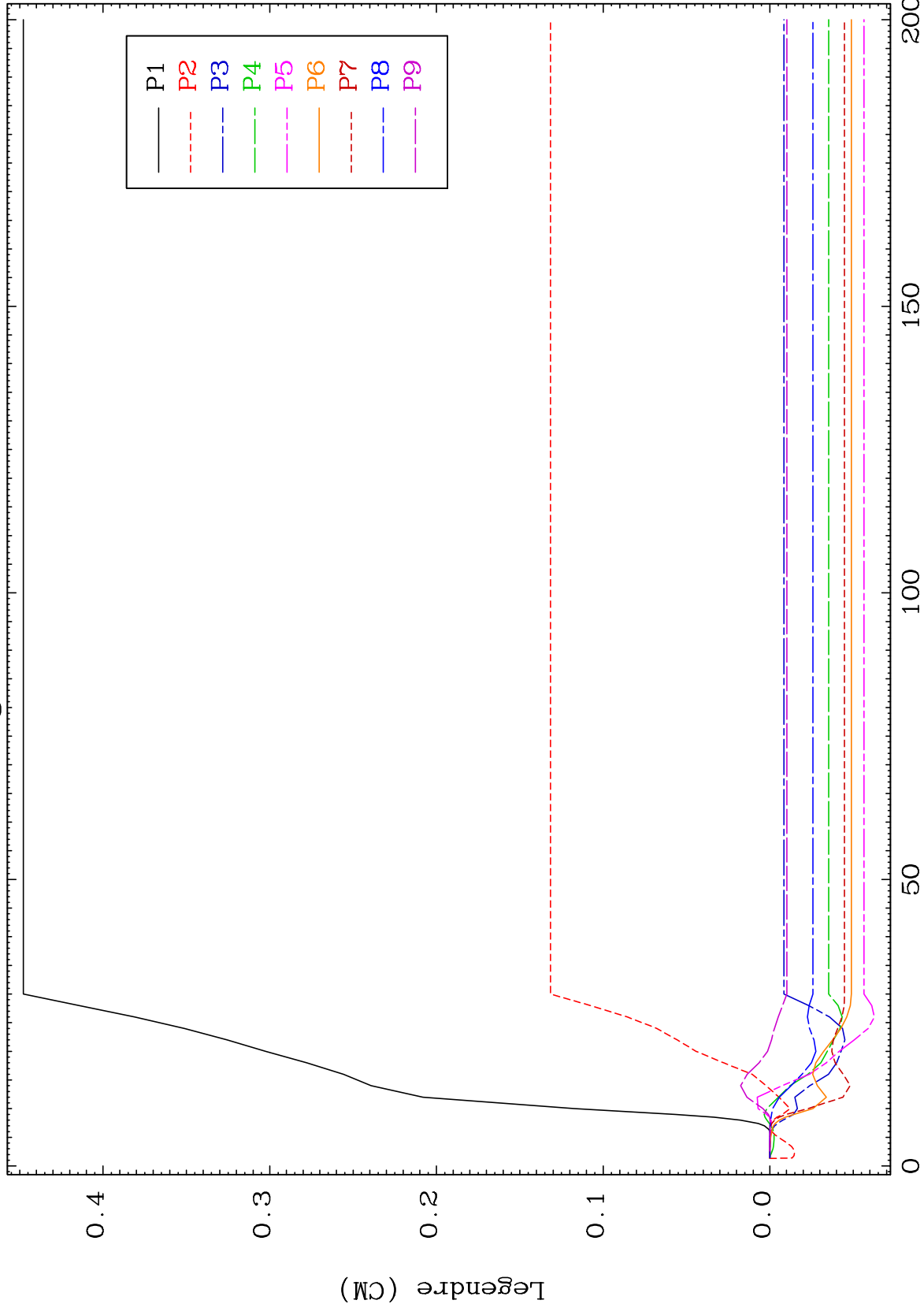
Incident Energy (MeV)

49-In-105

MAT 4901

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

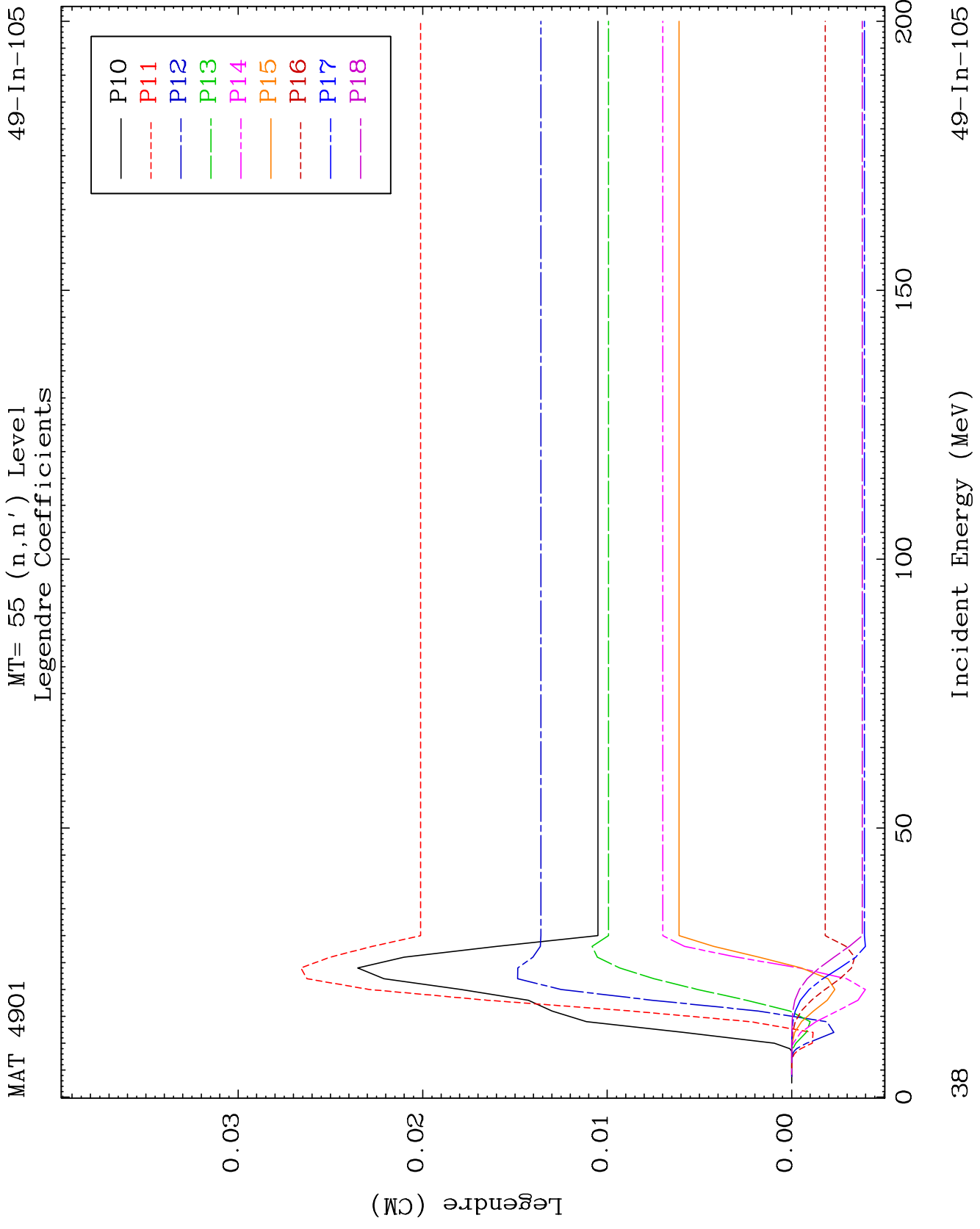
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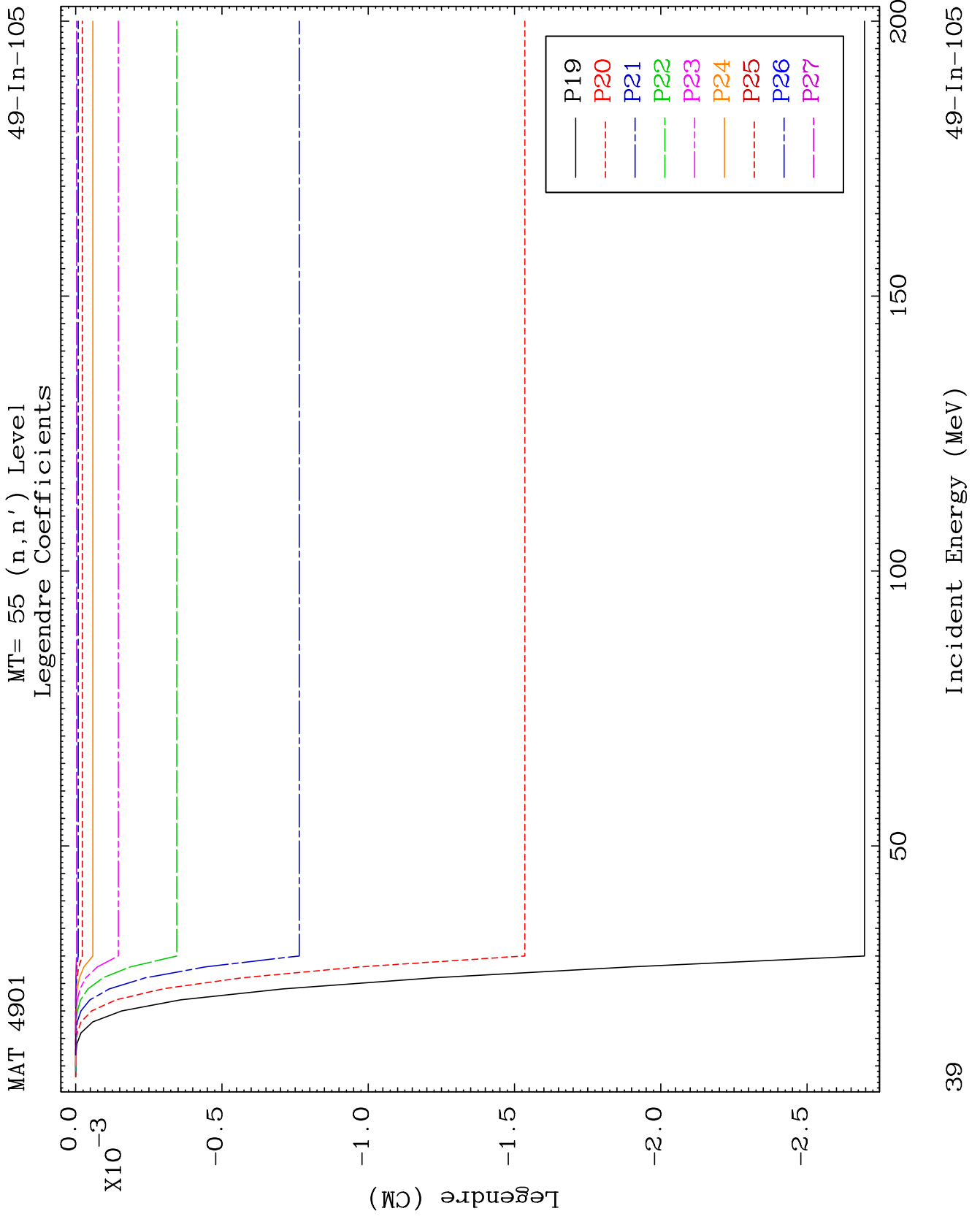


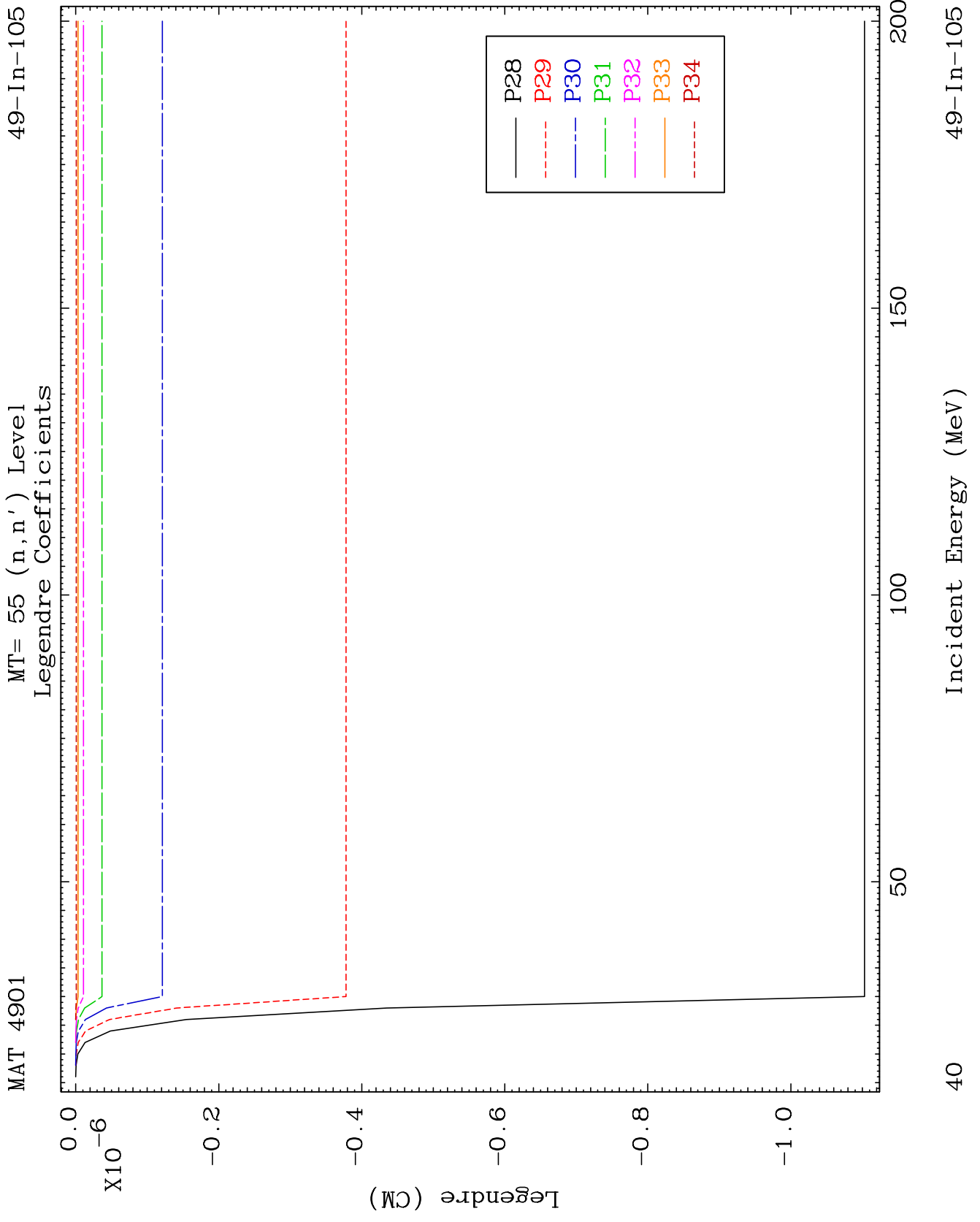
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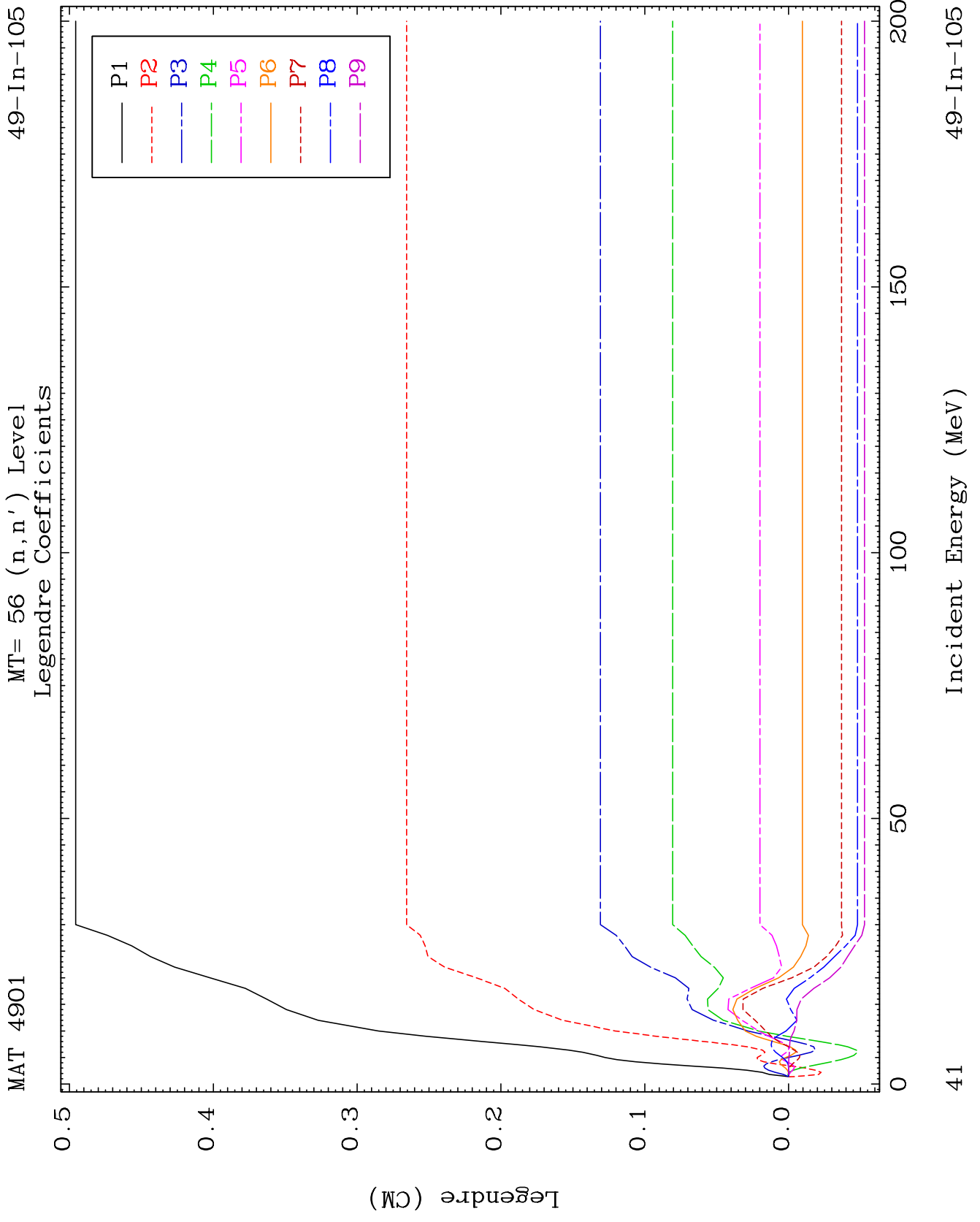
Incident Energy (MeV)

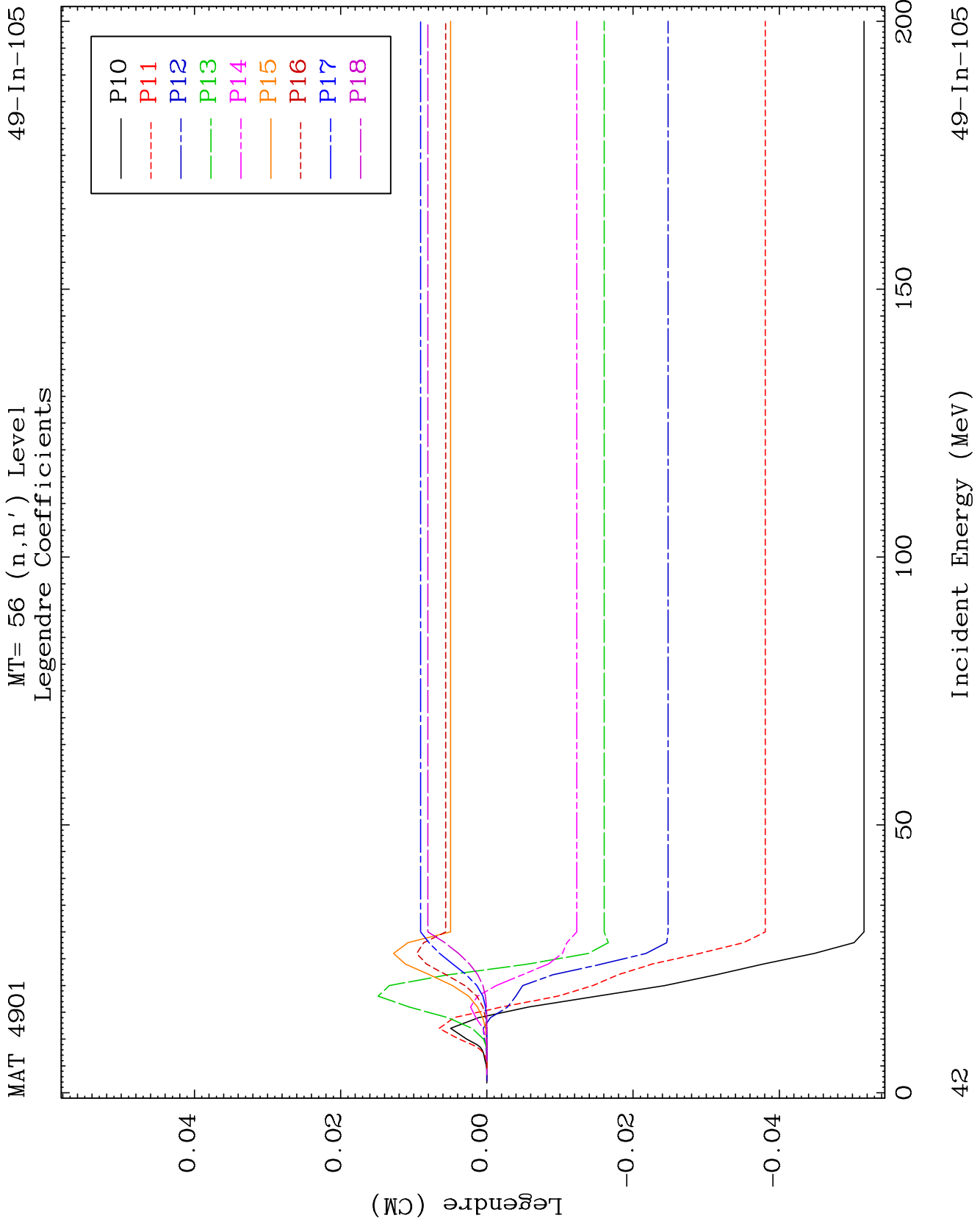
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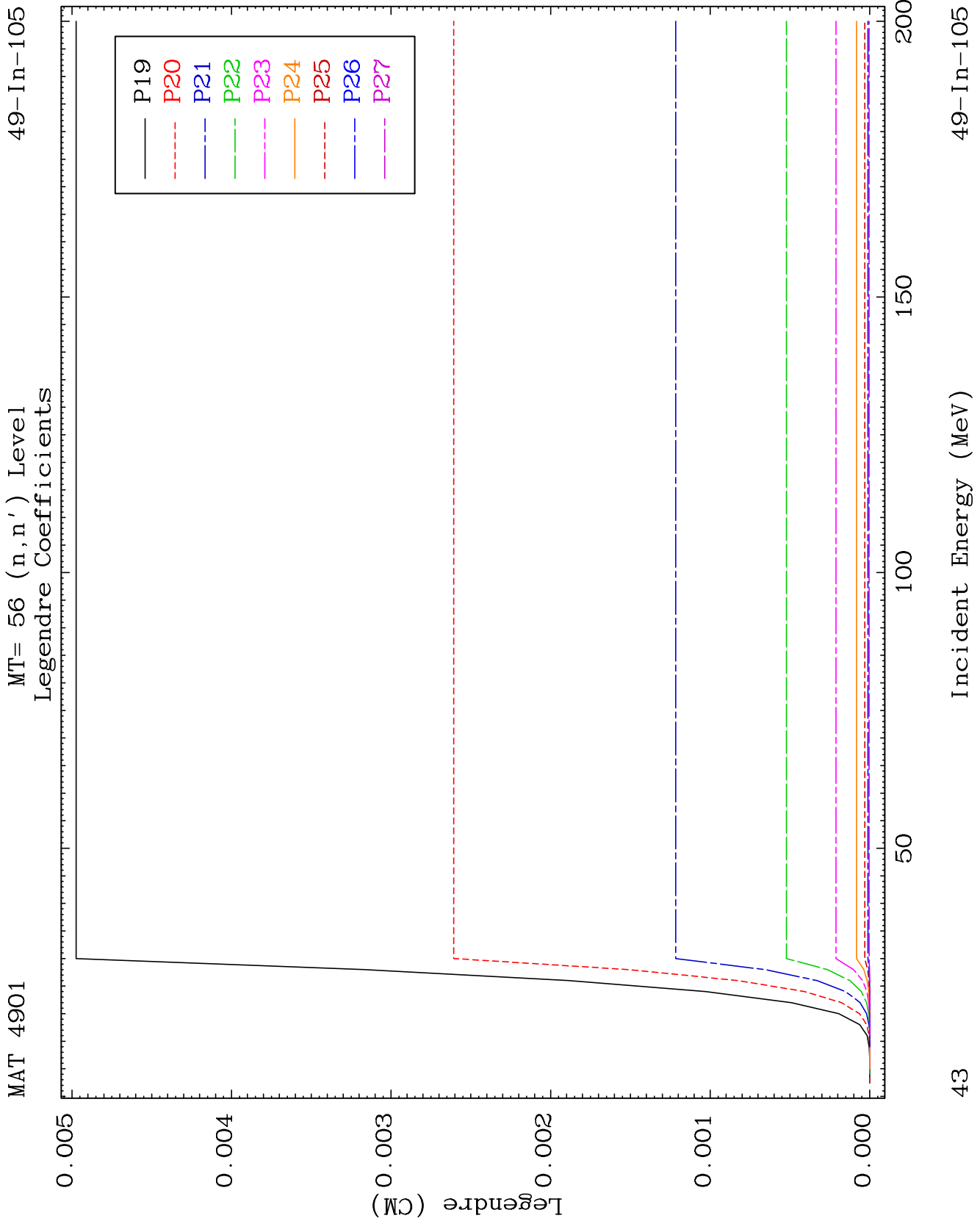








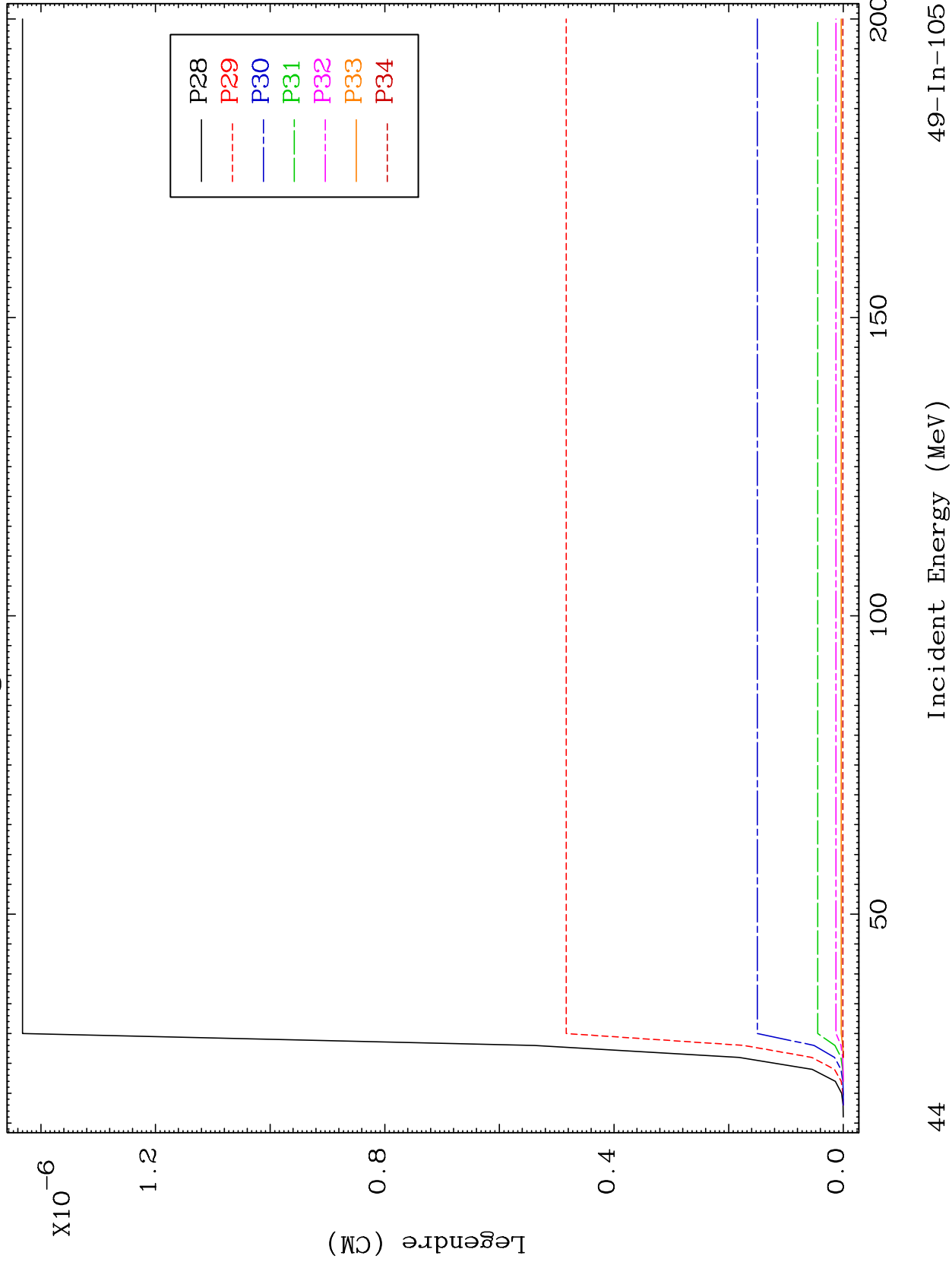




MAT 4901

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

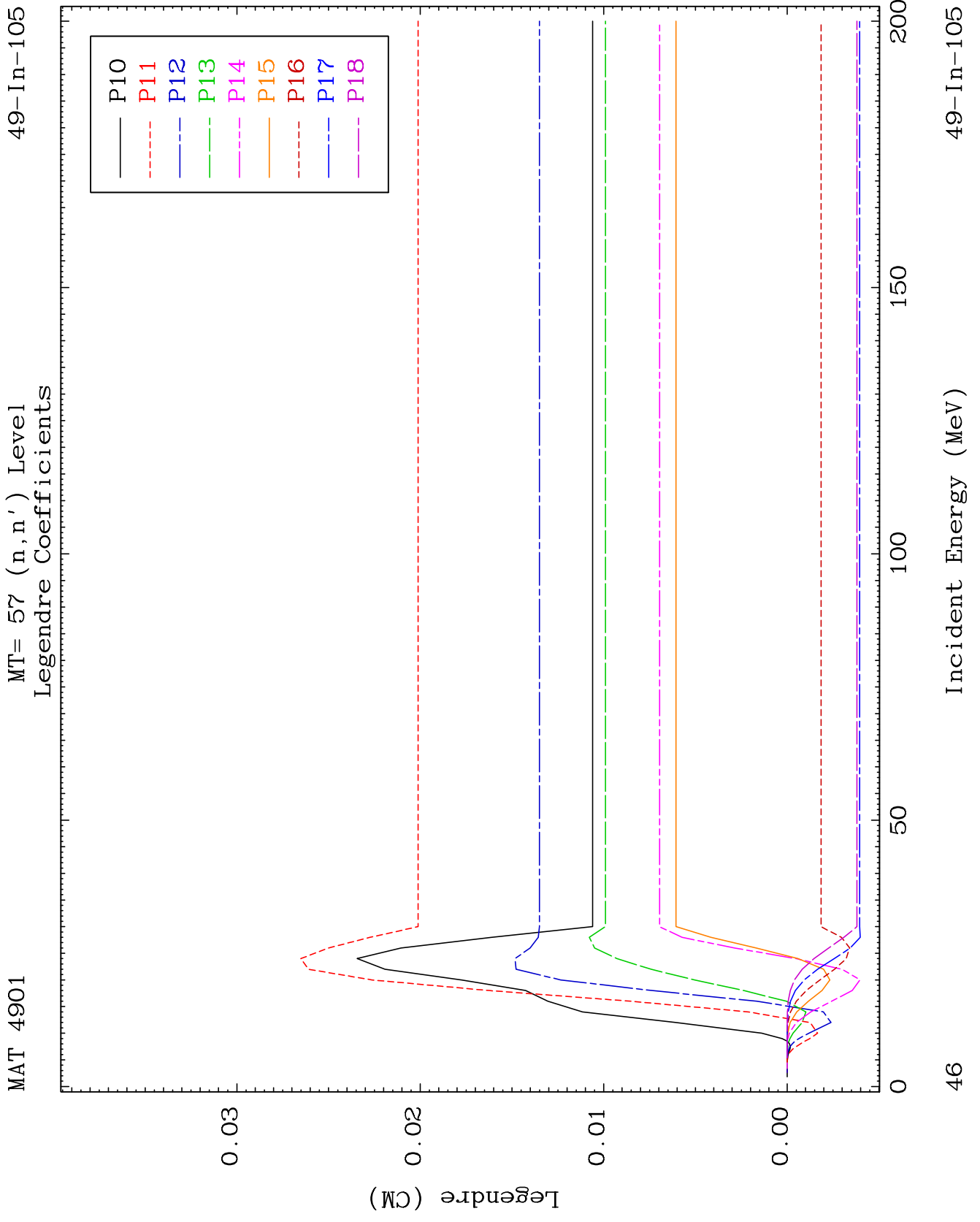
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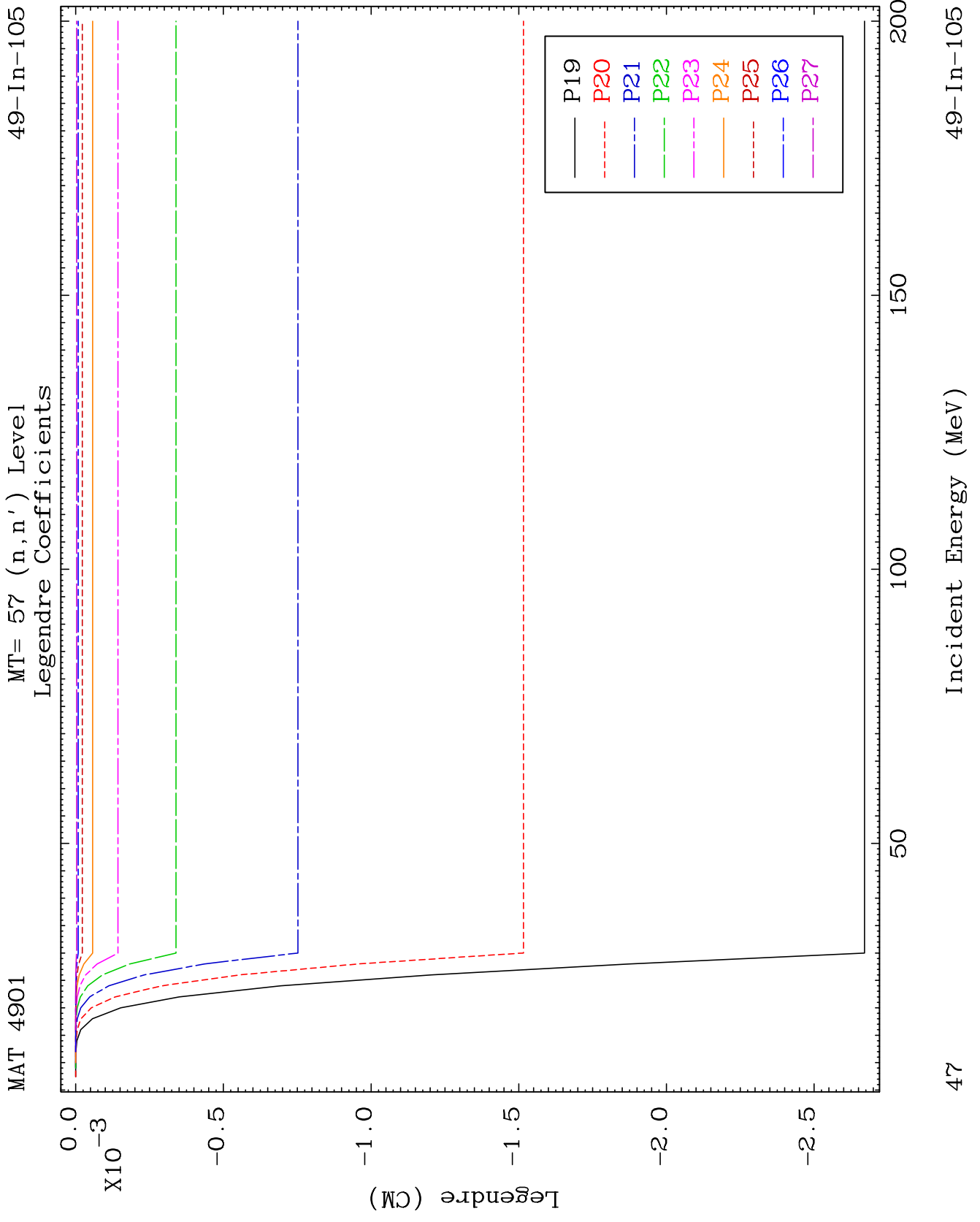


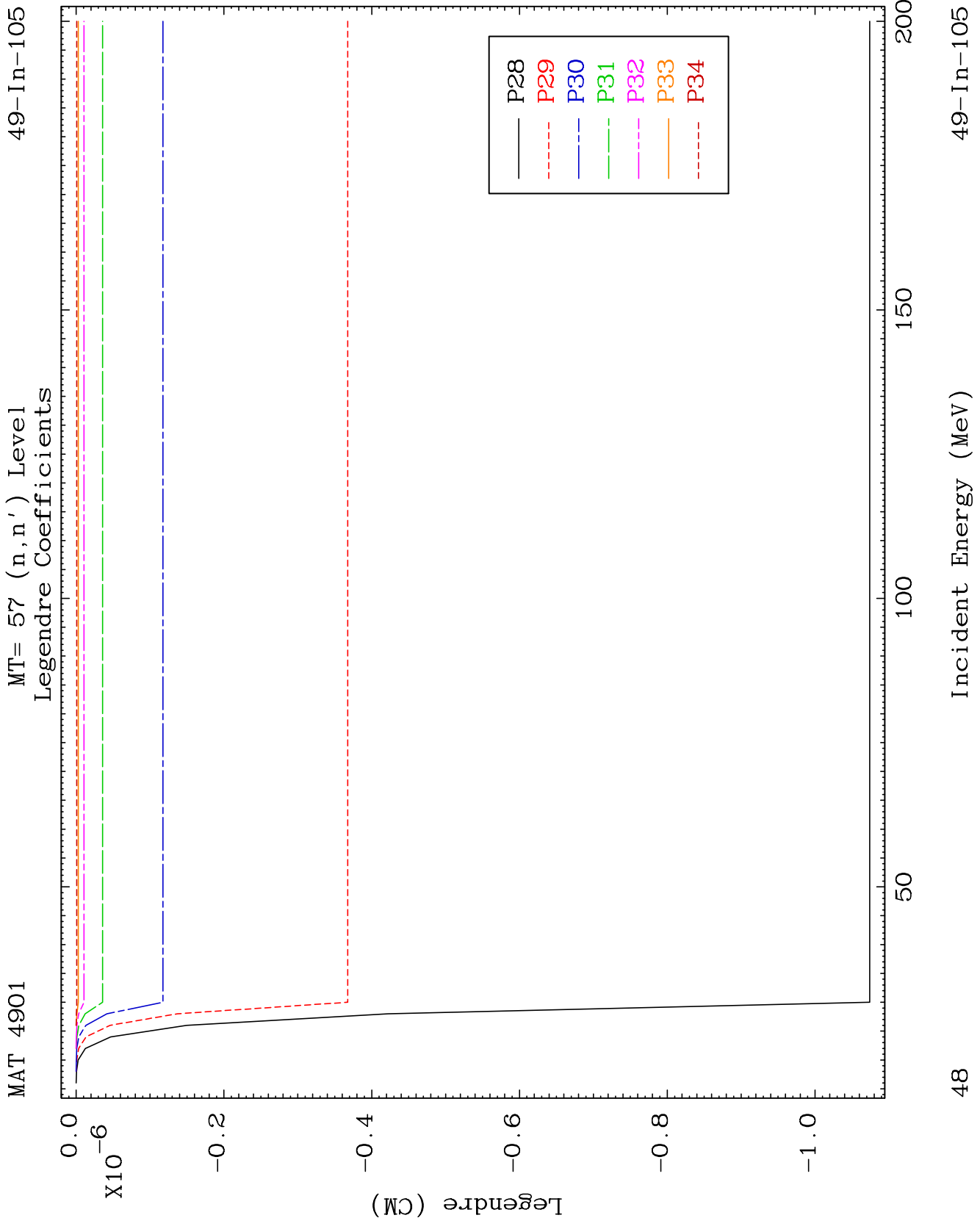
44

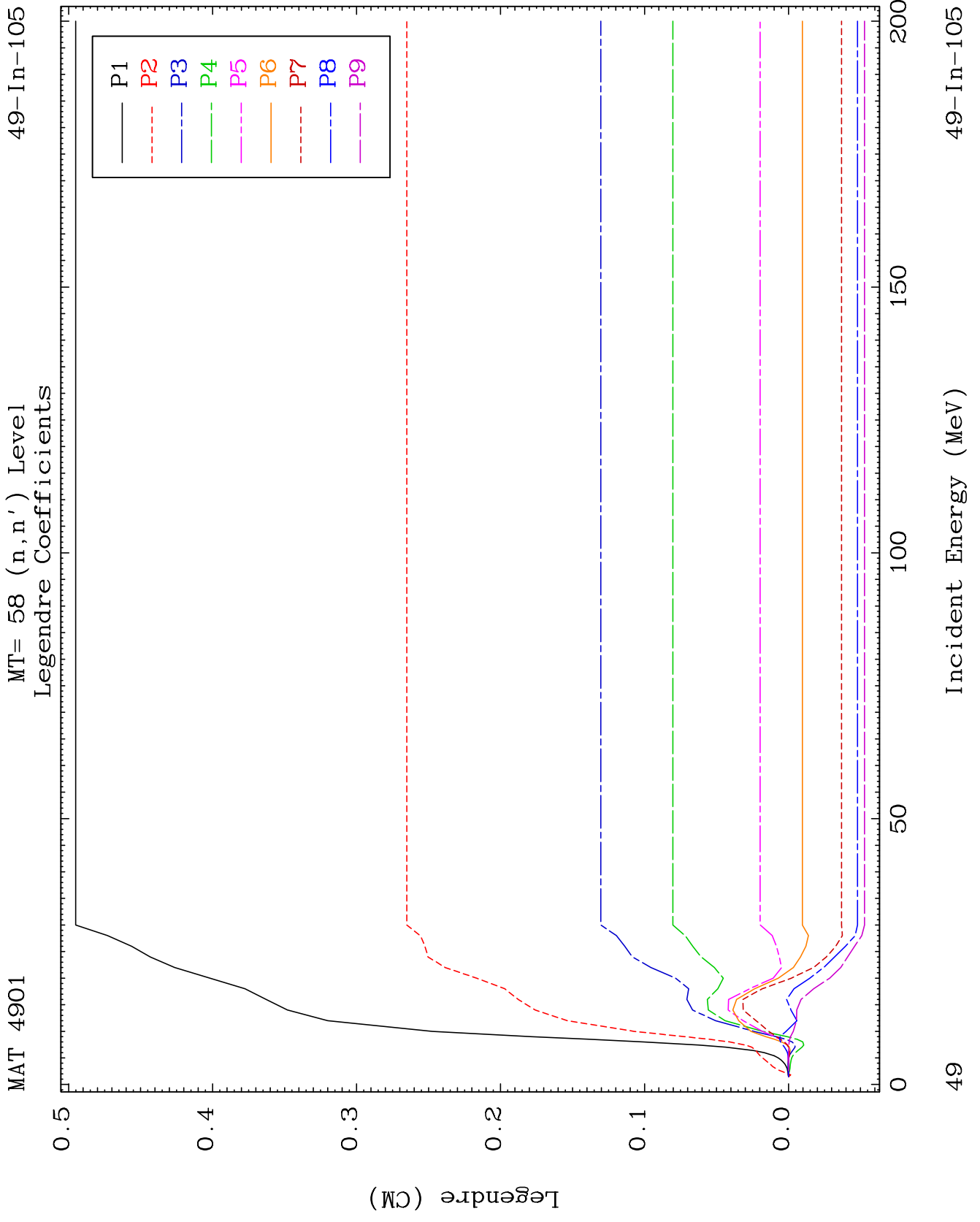
Incident Energy (MeV)

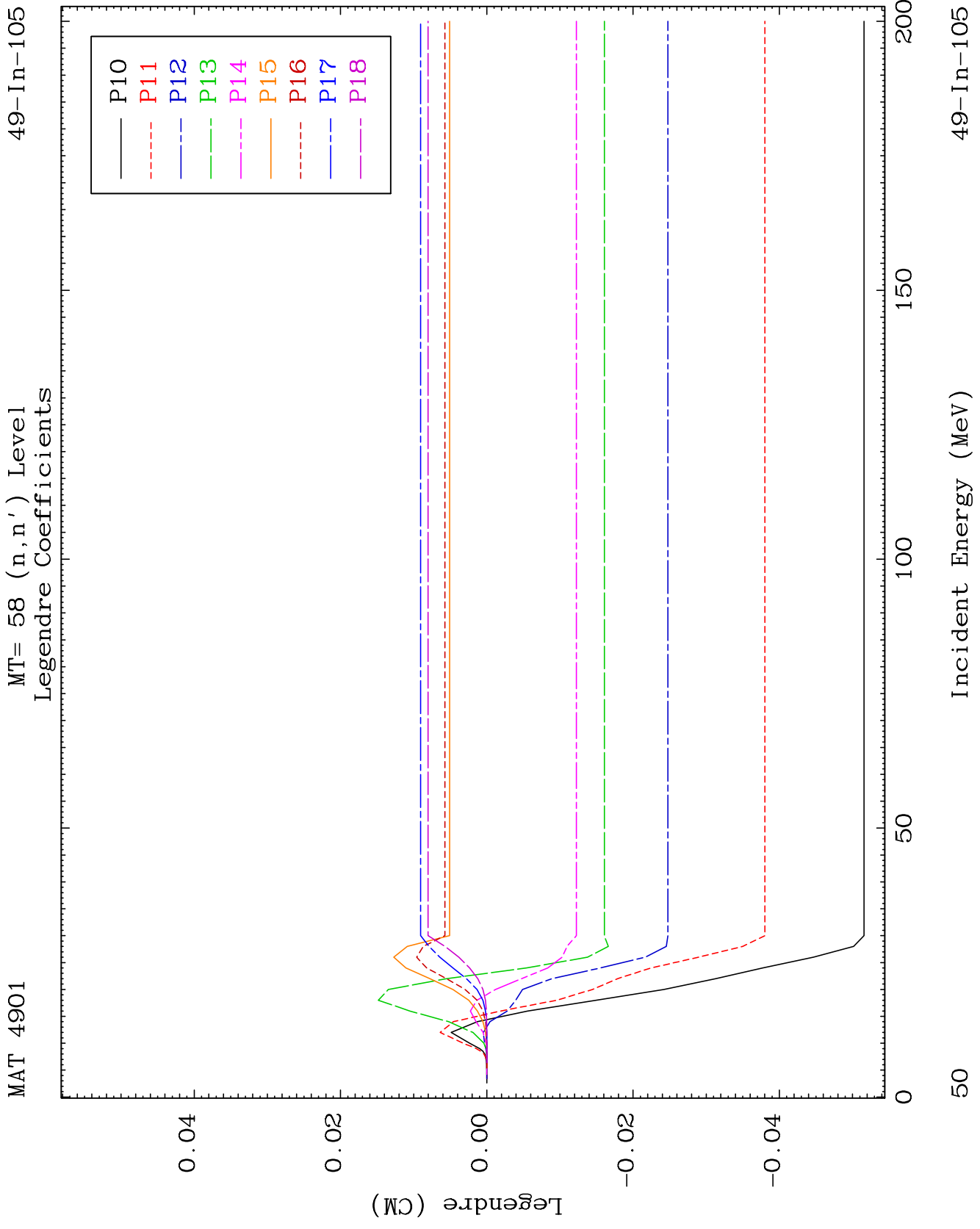
49-In-105

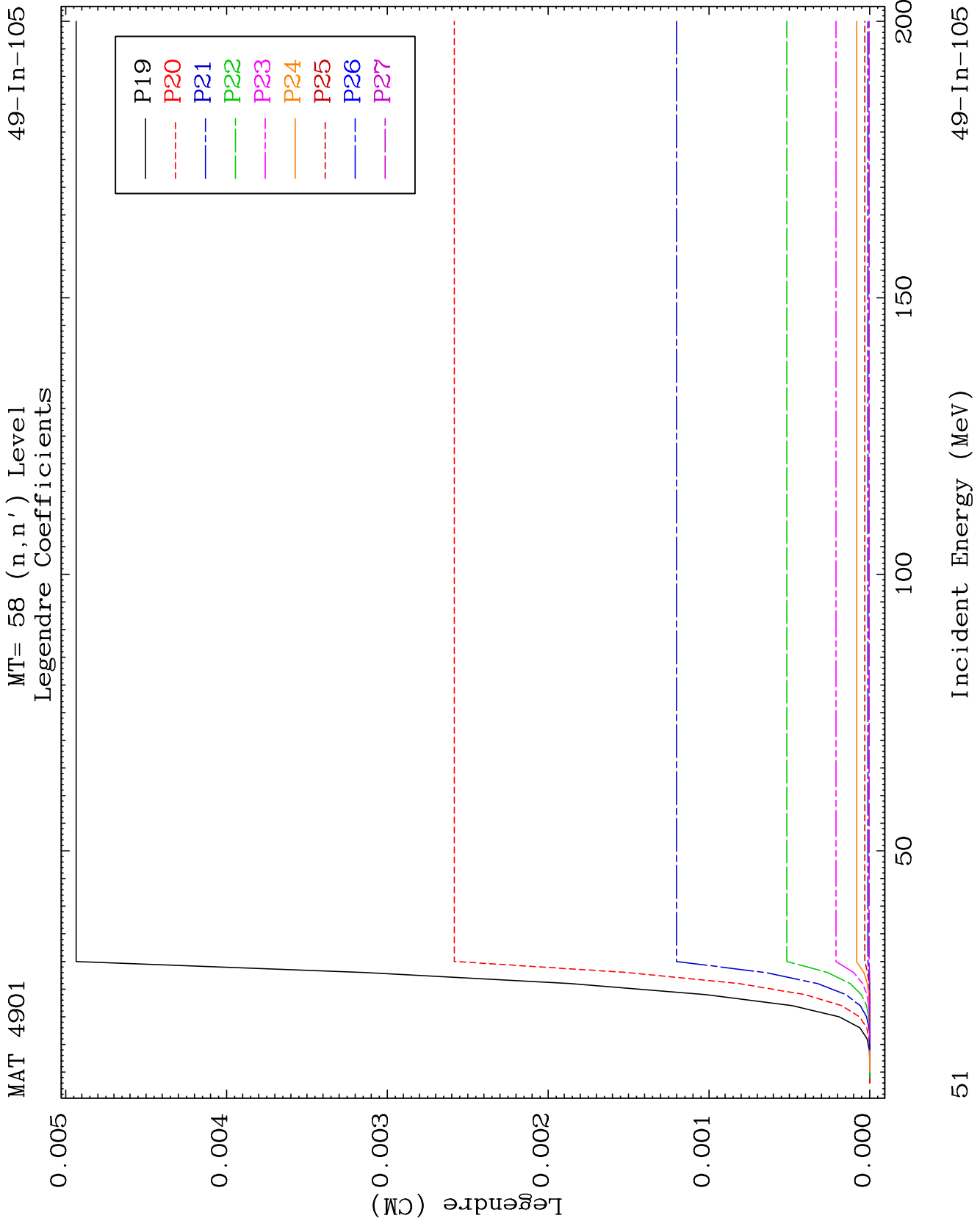








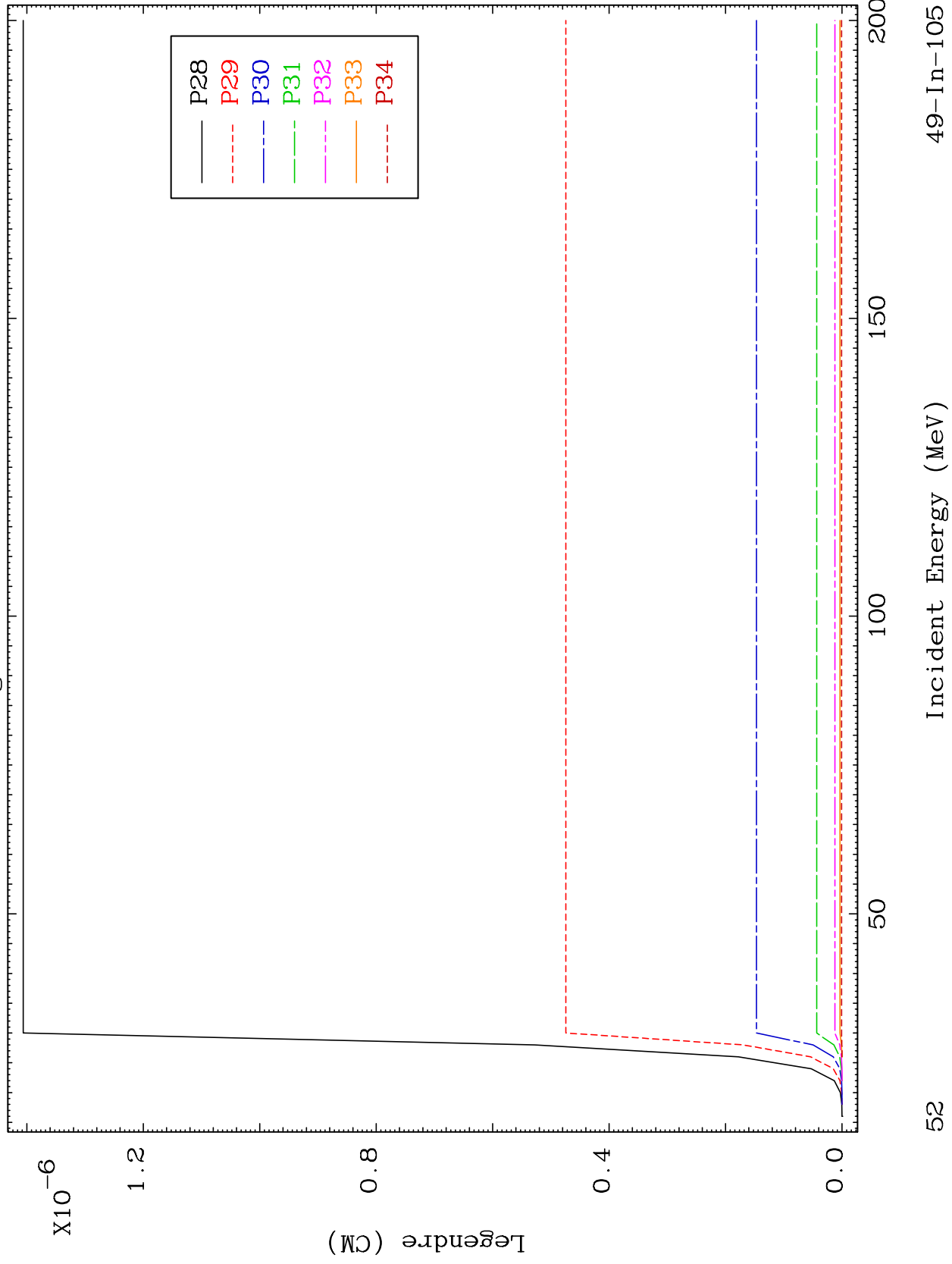




MAT 4901

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

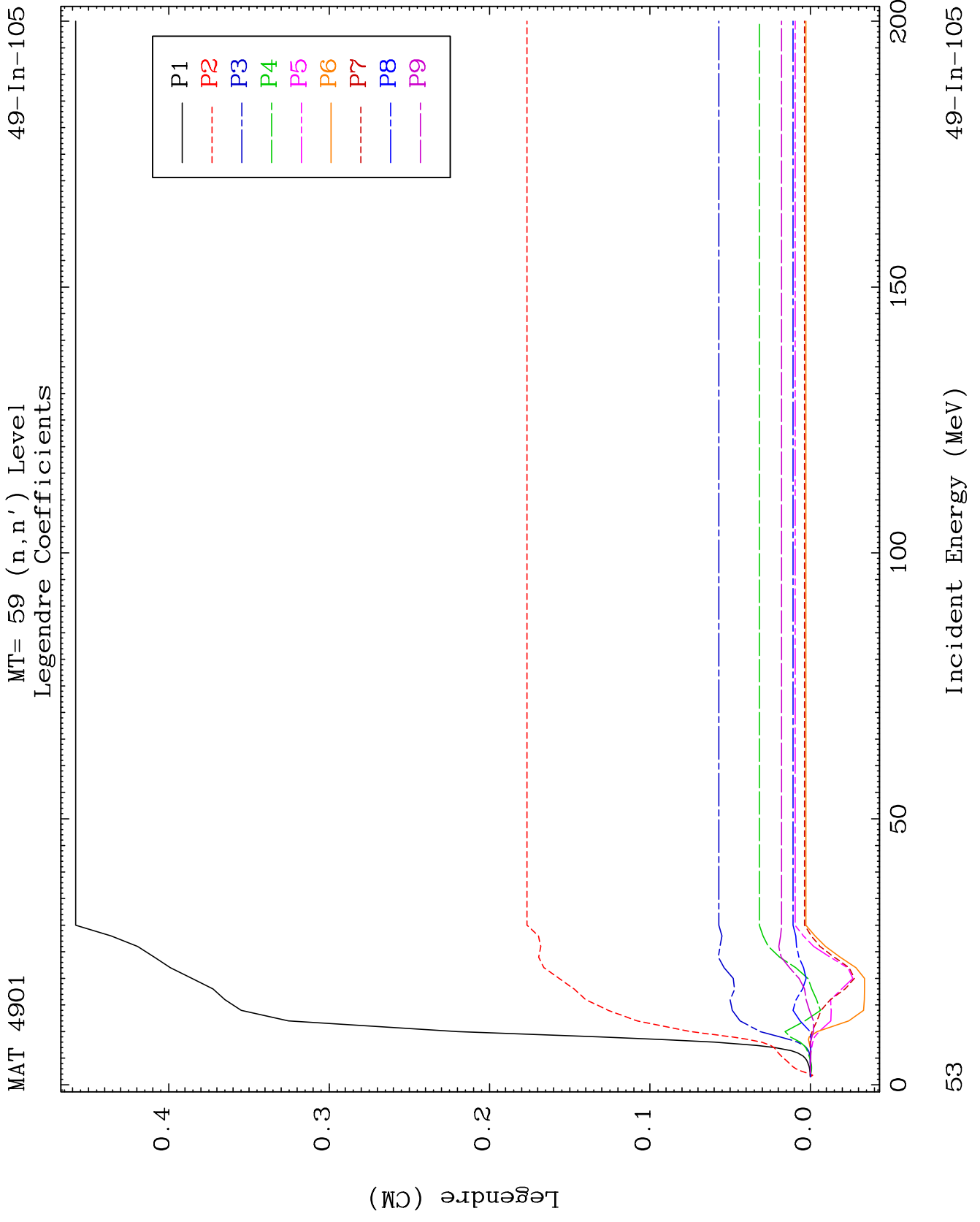
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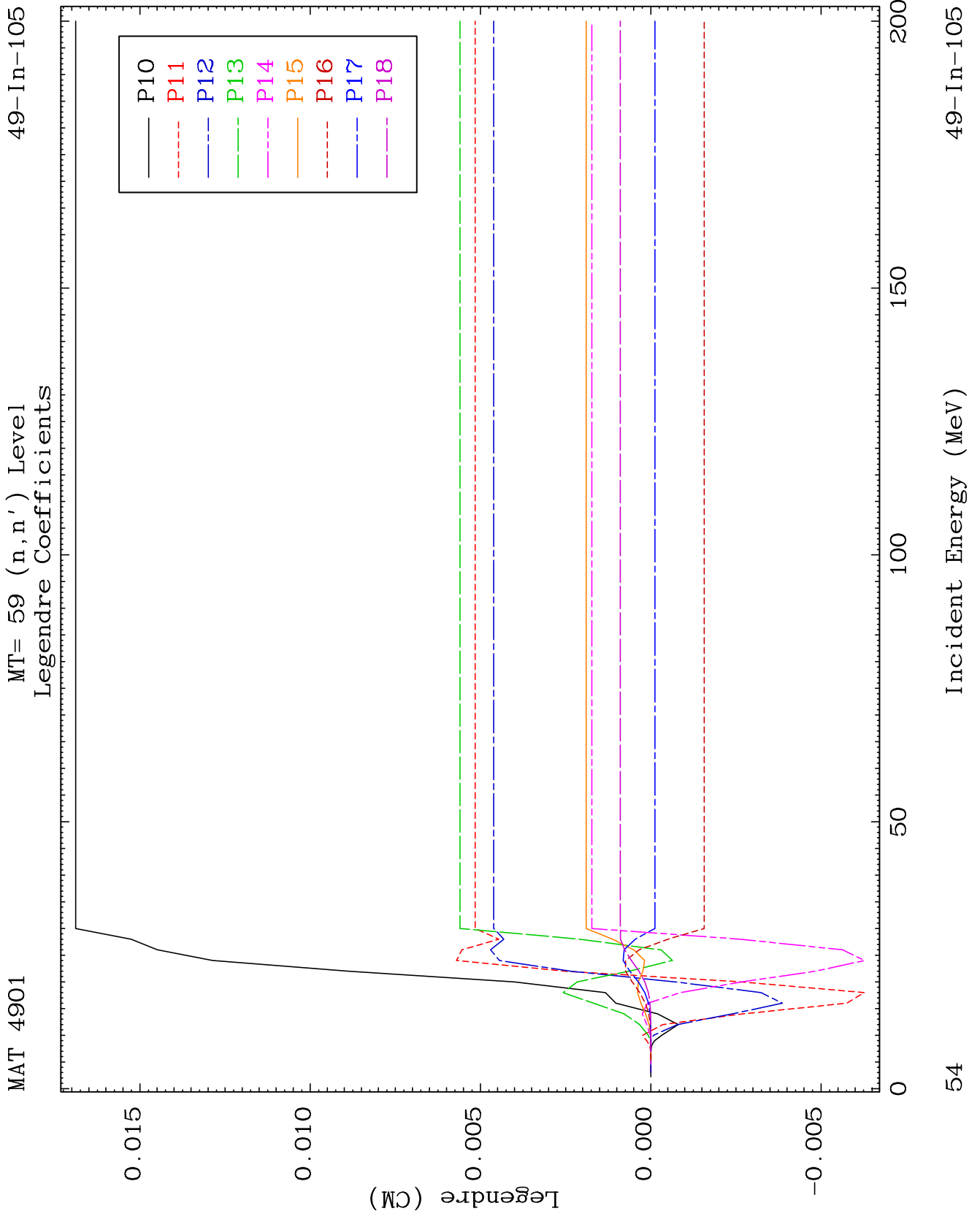


52

Incident Energy (MeV)

49-In-105

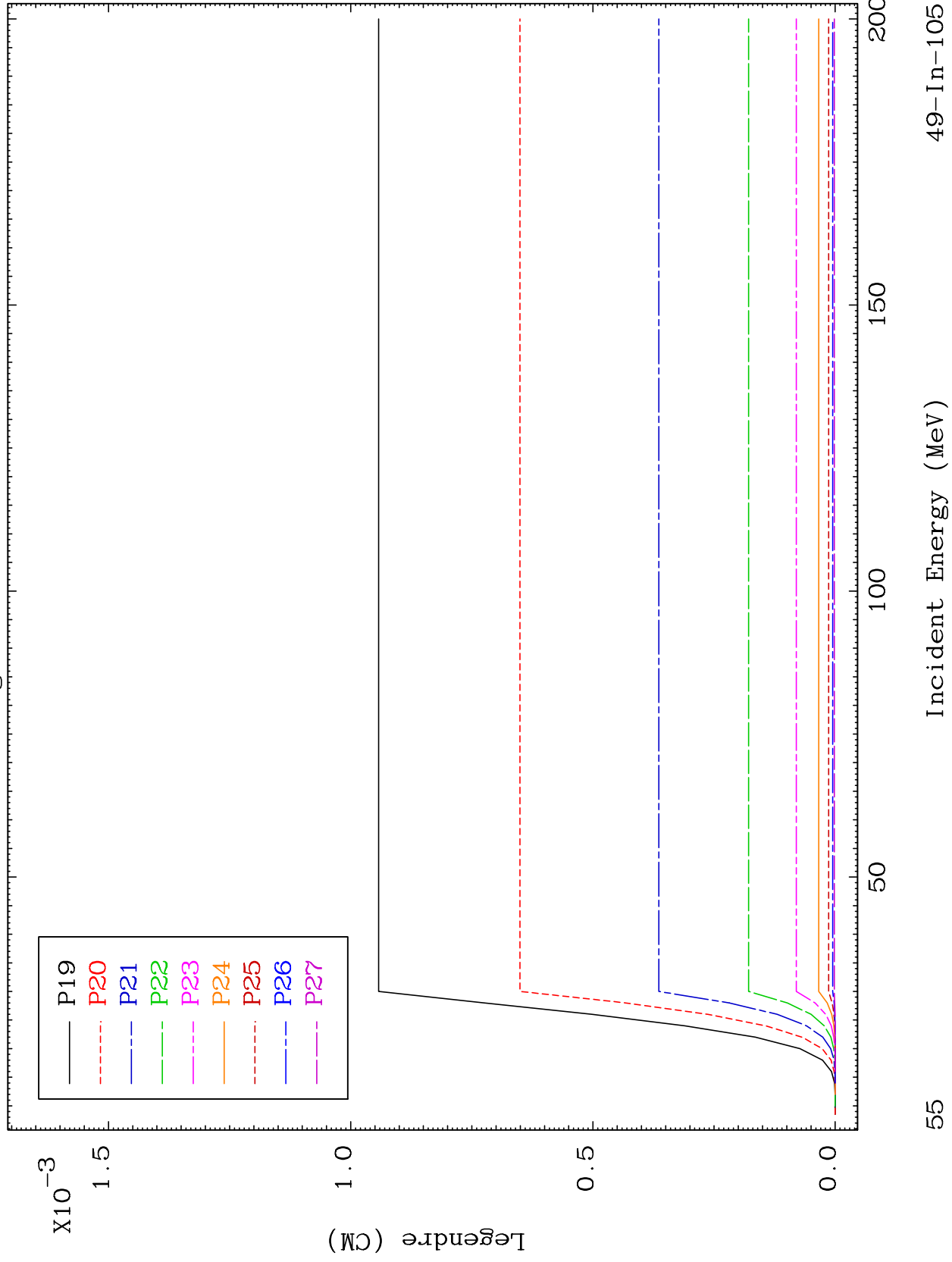




MAT 4901

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

49-In-105



55

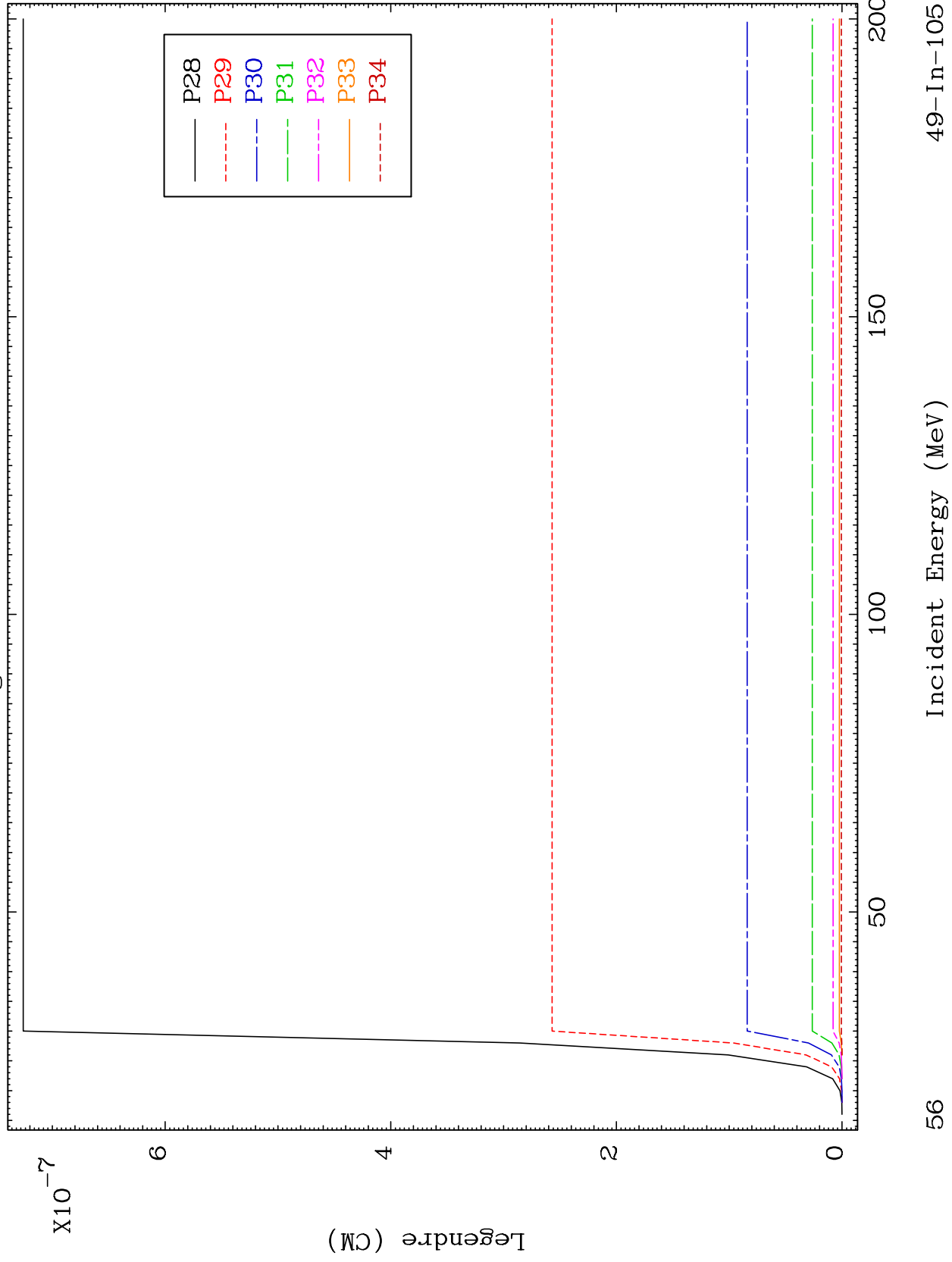
Incident Energy (MeV)

49-In-105

MAT 4901

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

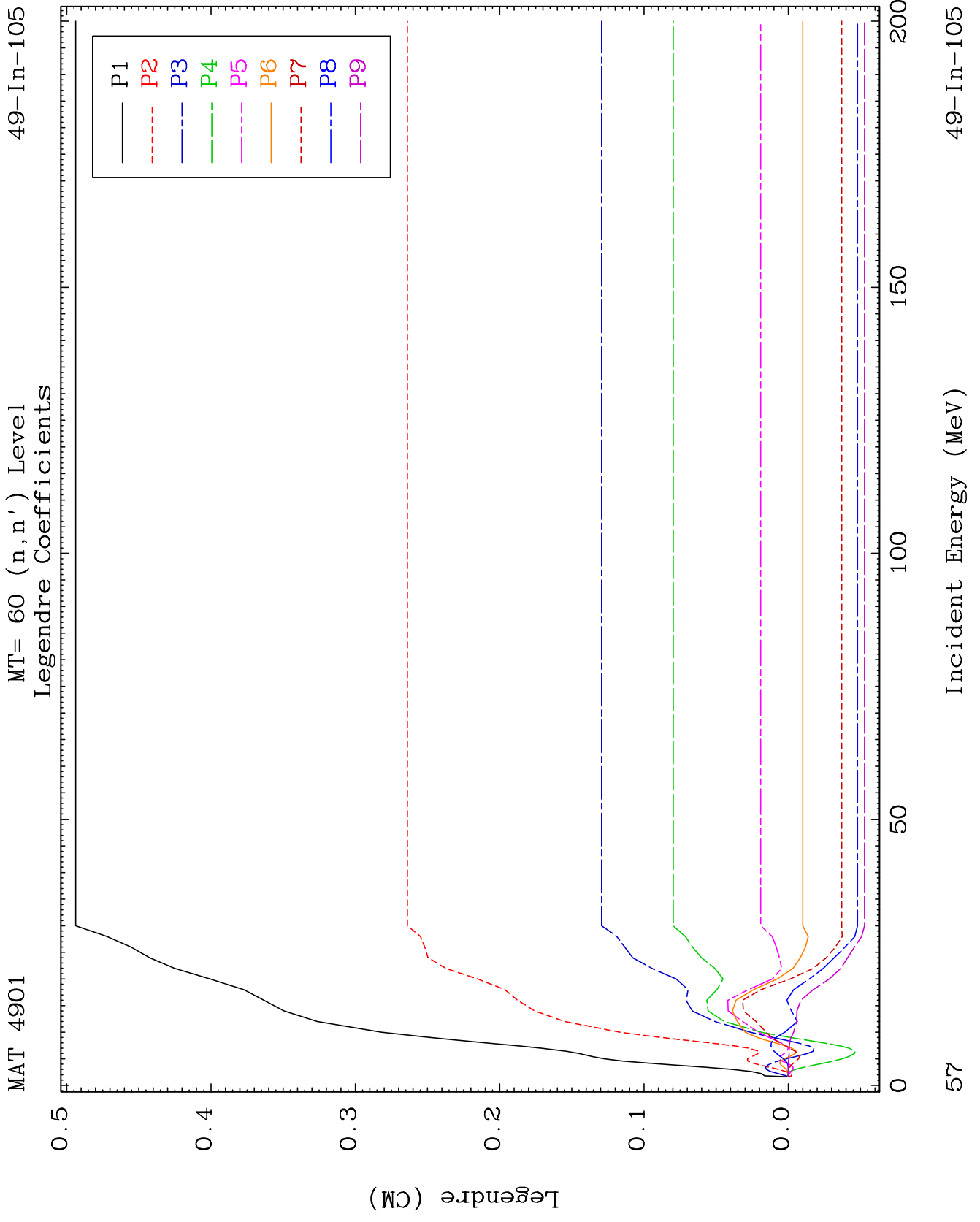
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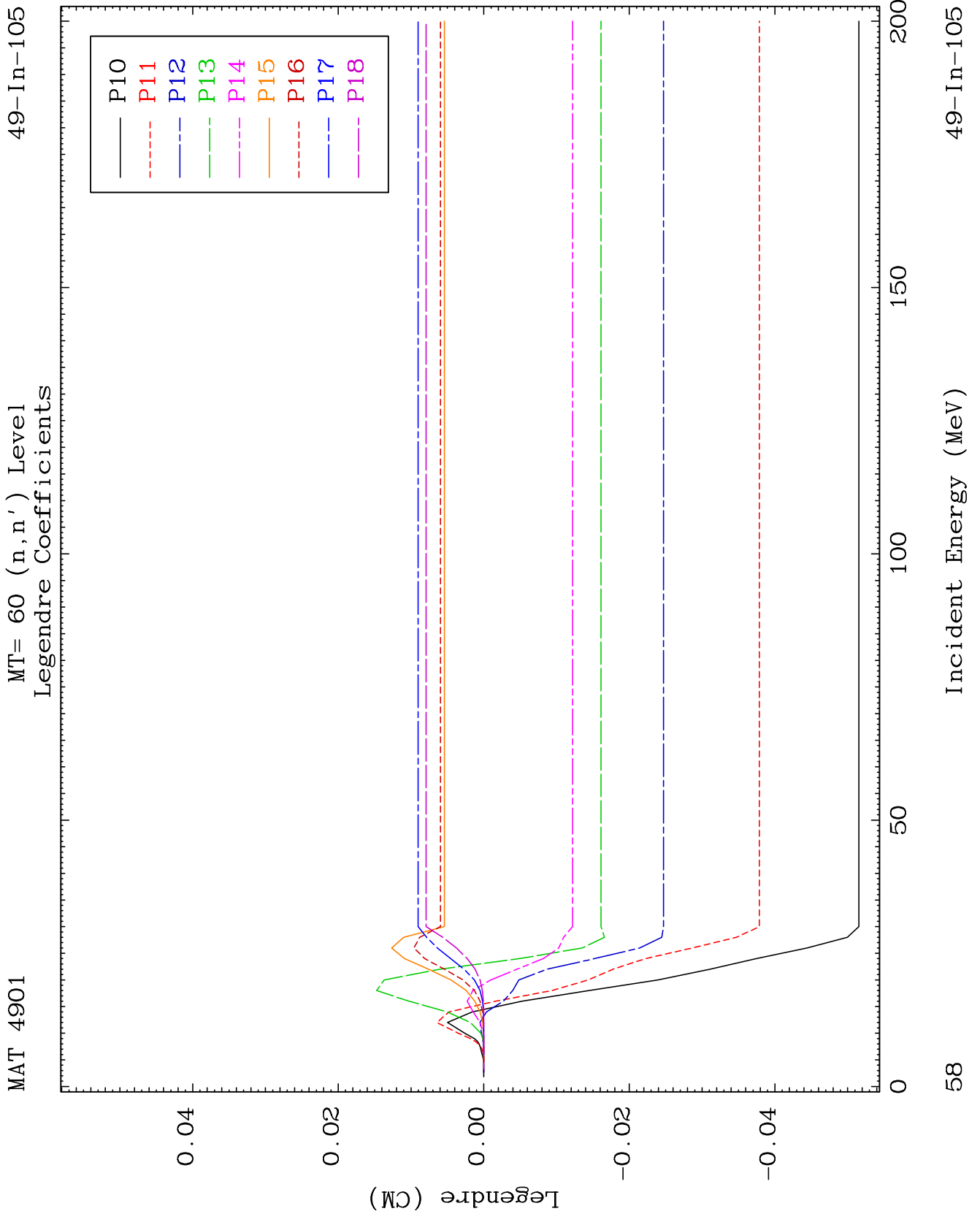


56

Incident Energy (MeV)

49-In-105

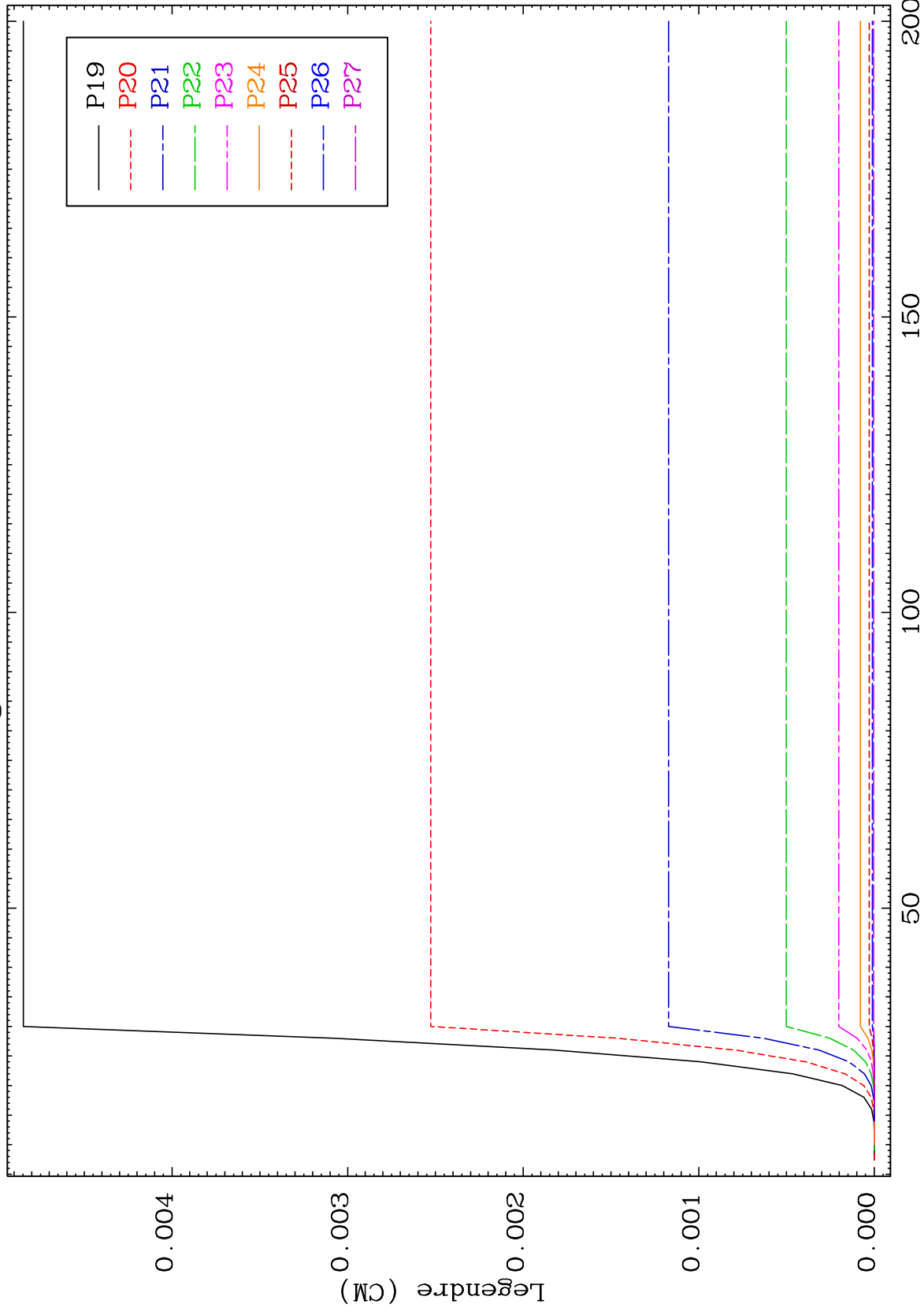




MAT 4901

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

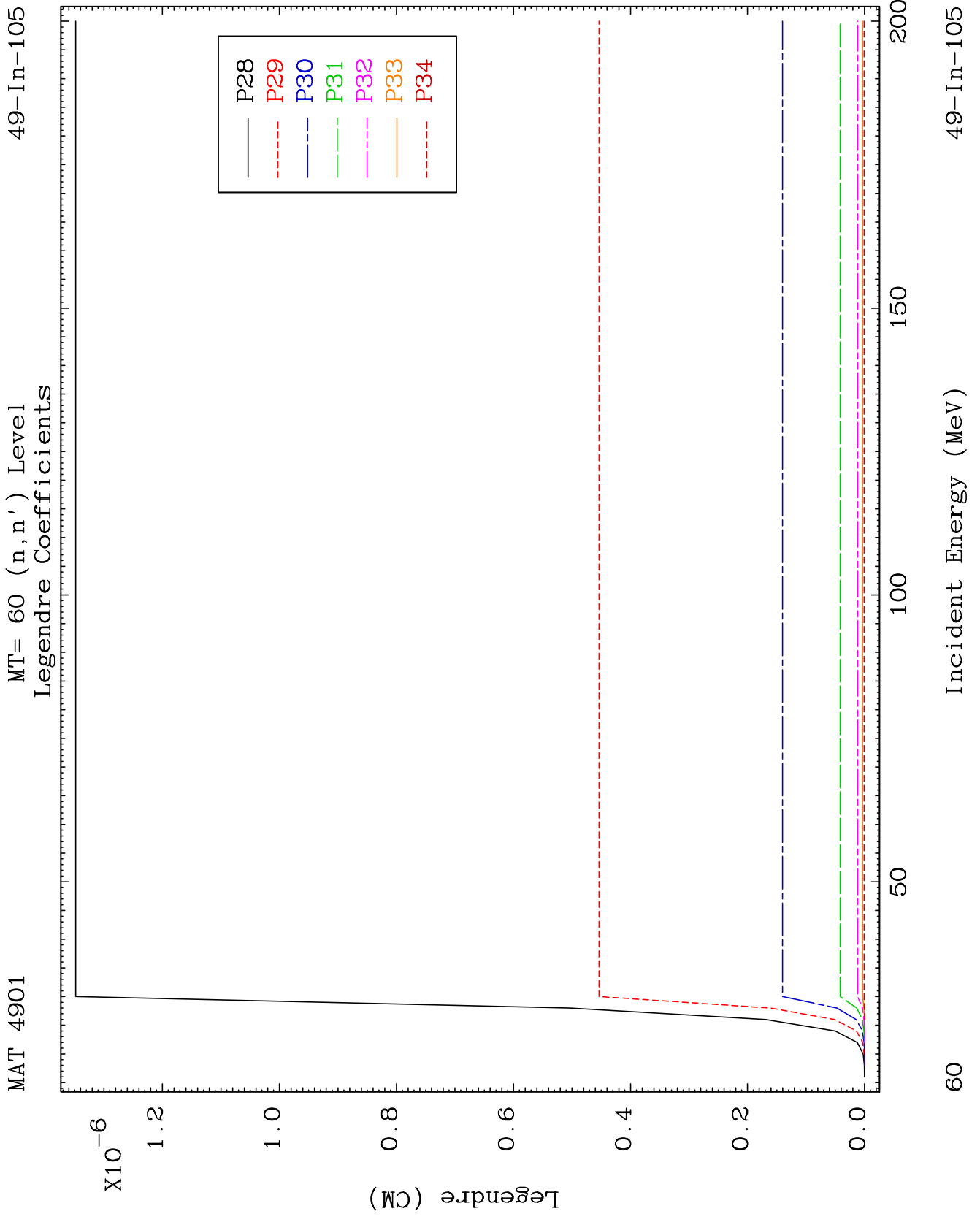
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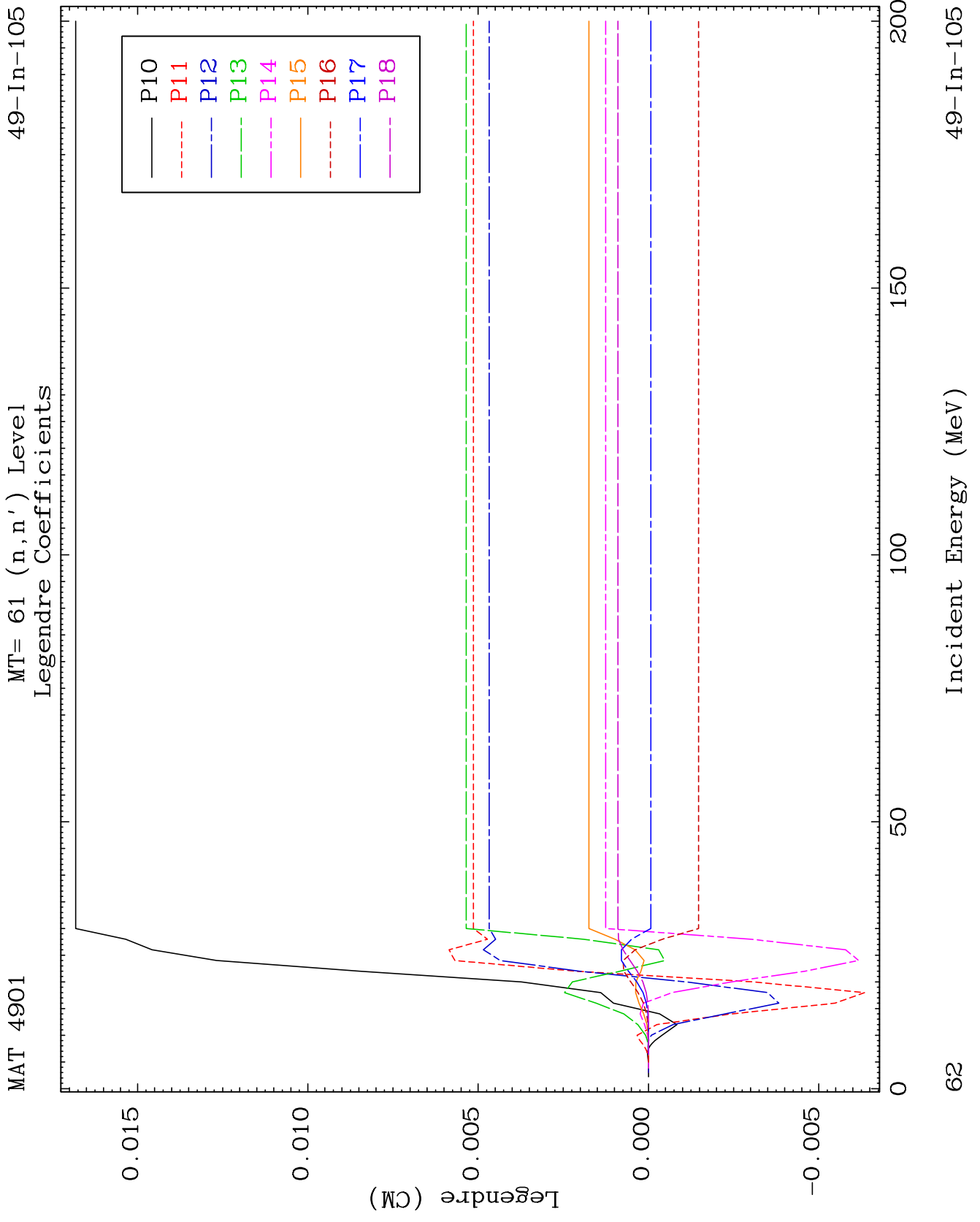


59

Incident Energy (MeV)

49-In-105

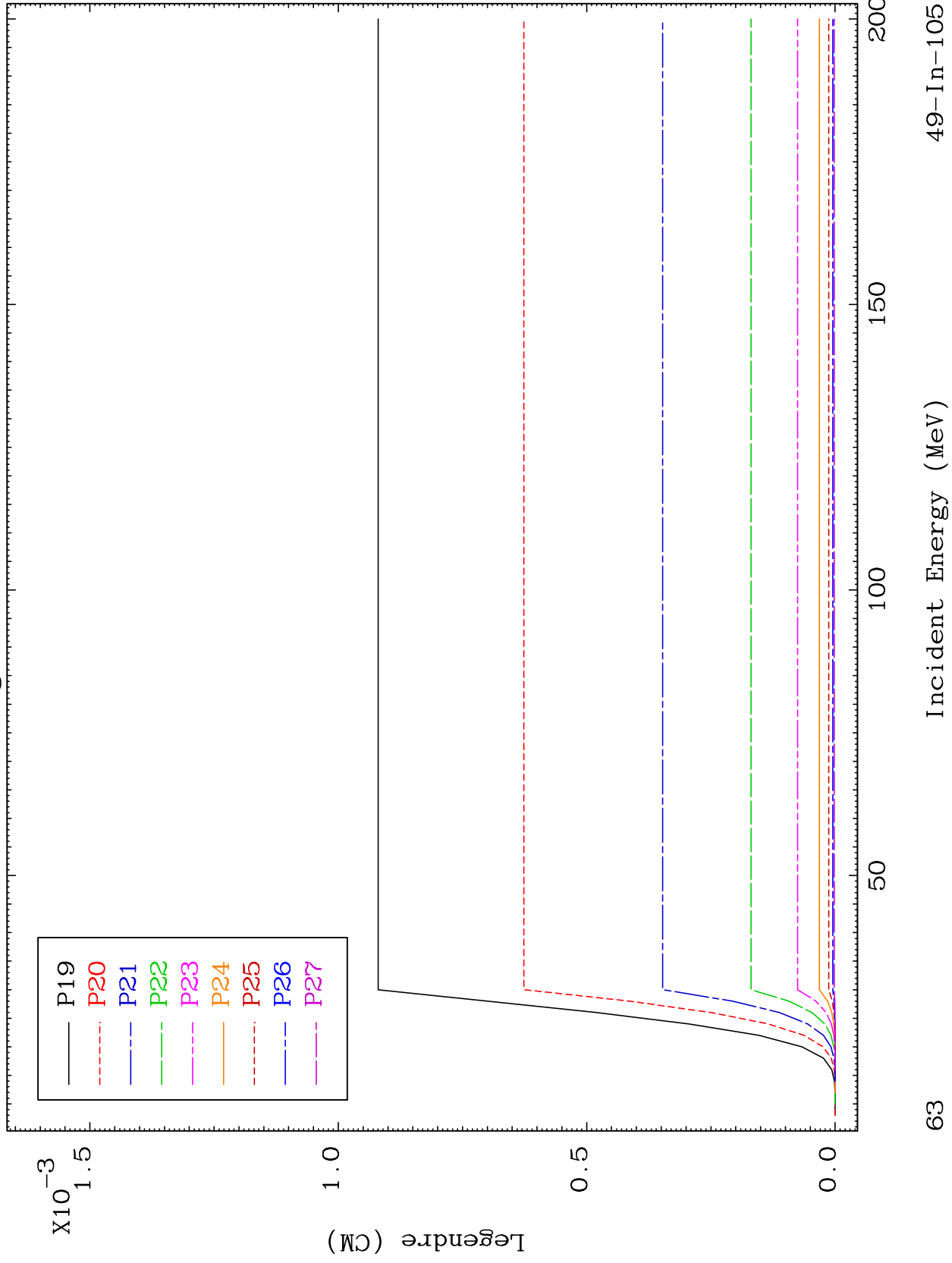




MAT 4901

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

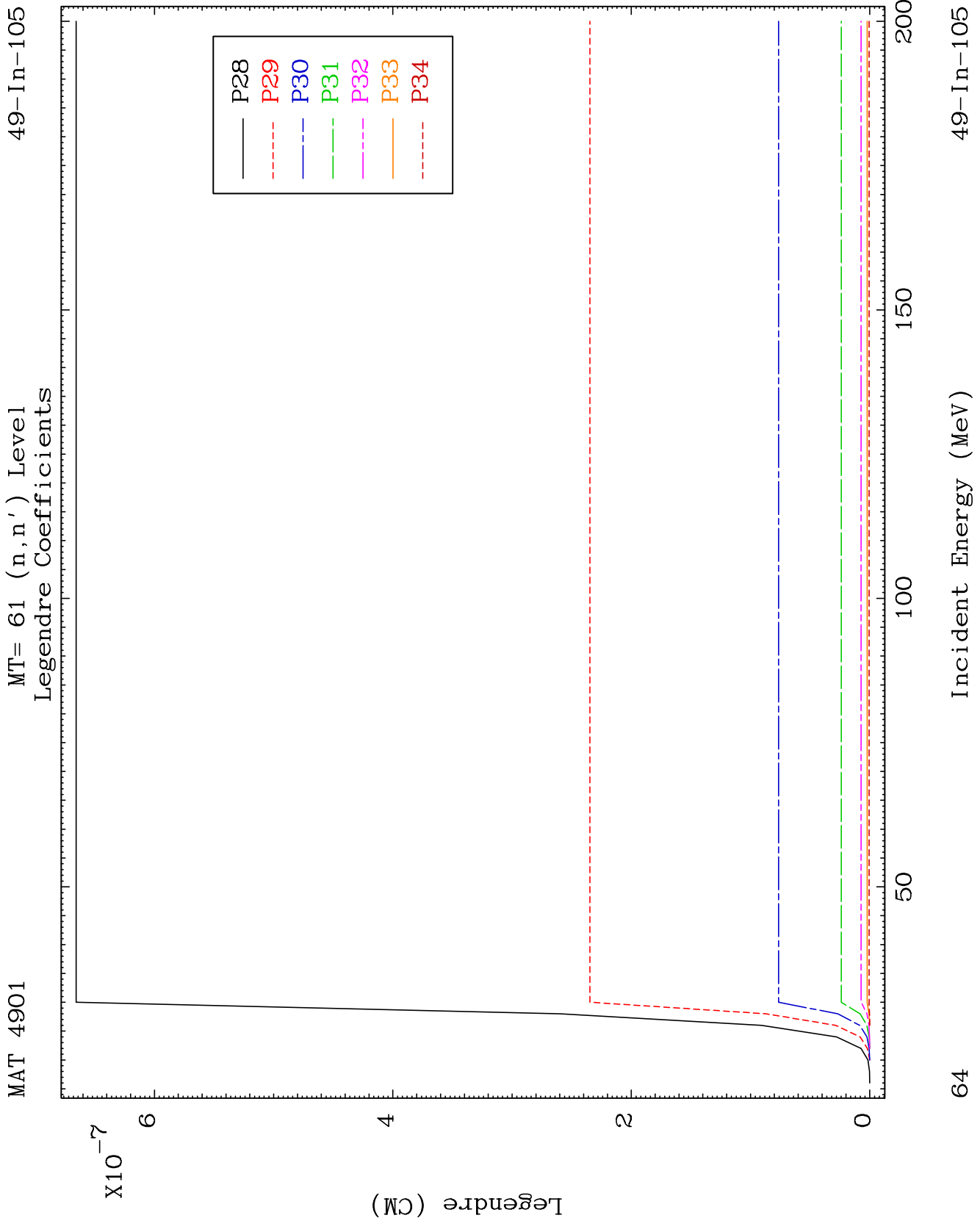
49-In-105

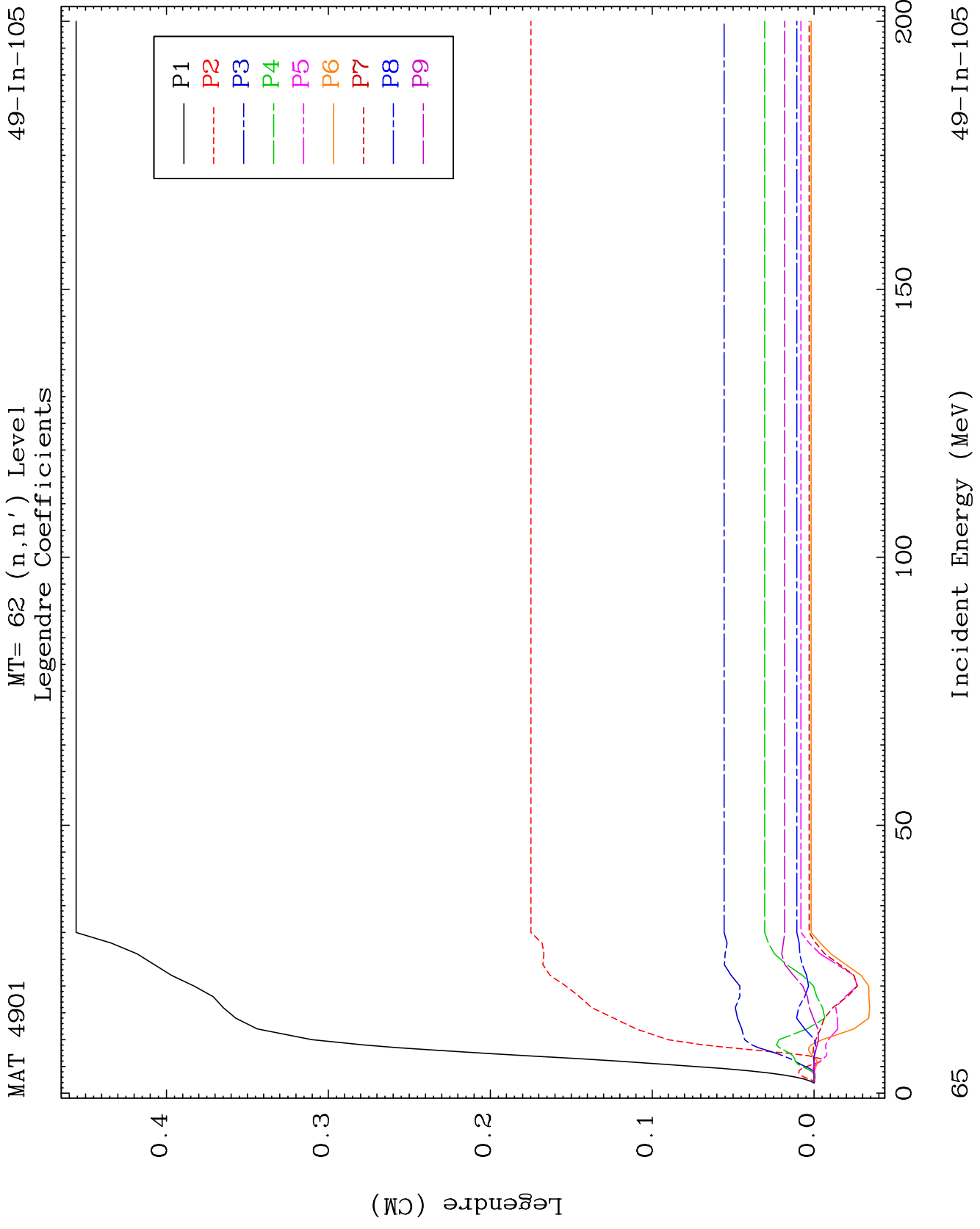


63

Incident Energy (MeV)

49-In-105

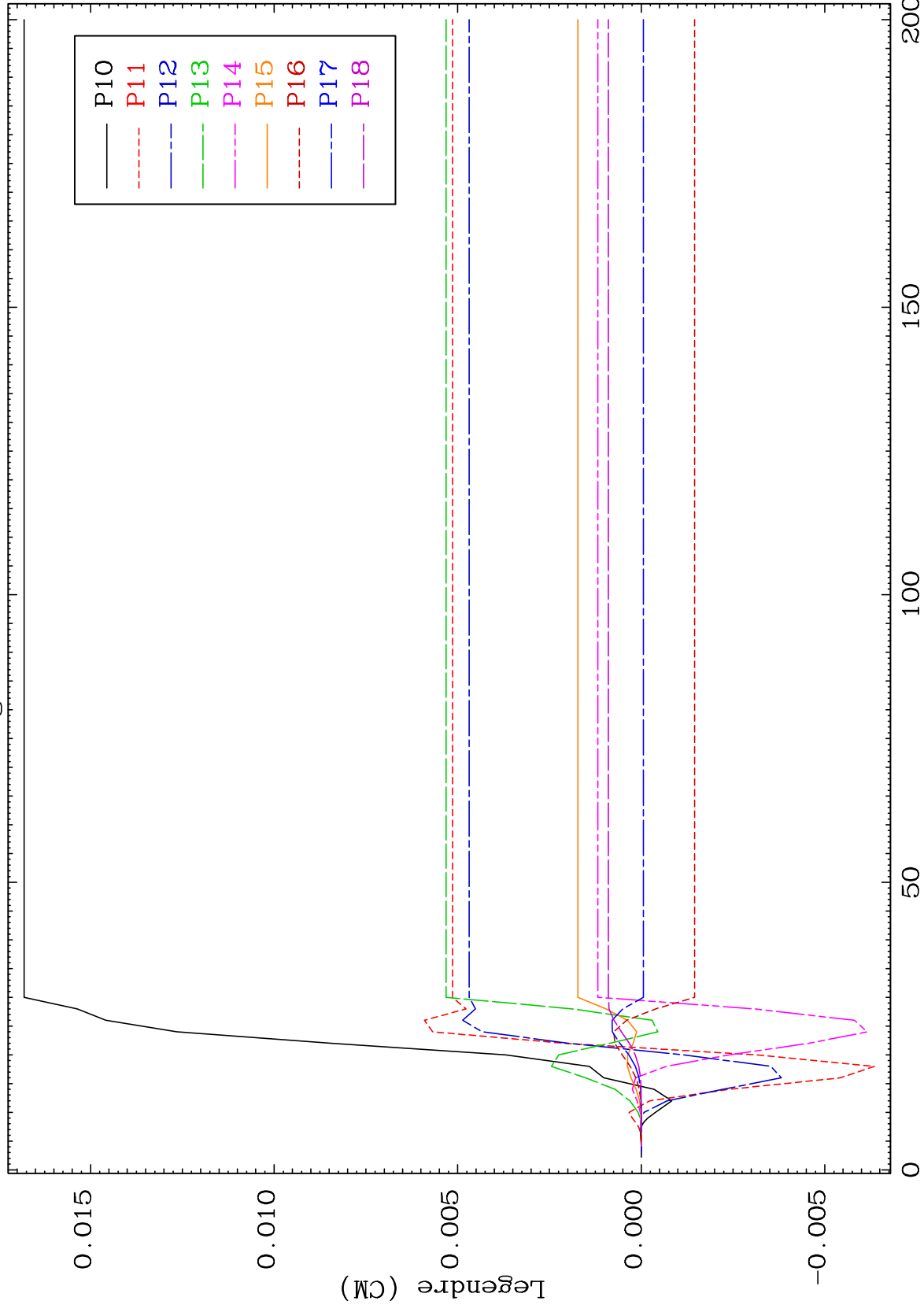




MAT 4901

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

49-In-105



66

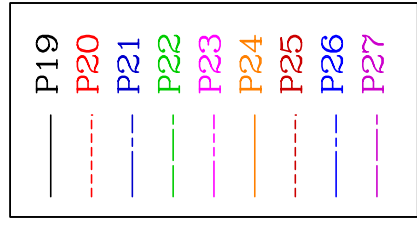
Incident Energy (MeV)

49-In-105

MAT 4901

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

49-In-105



$\times 10^{-3}$
1.5

Legendre (CM)

1.0

0.5

0.0

50

100

150

200

67

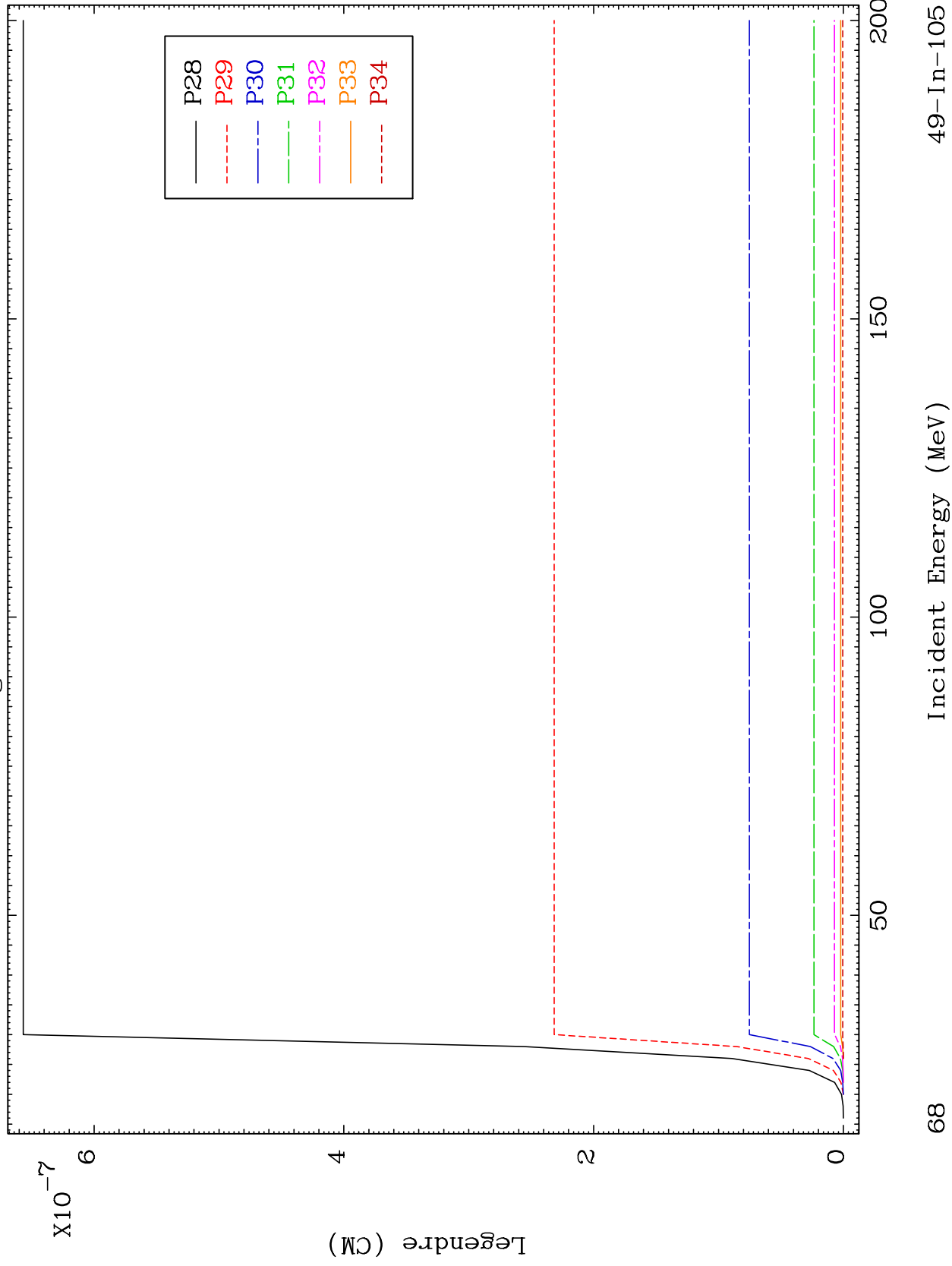
Incident Energy (MeV)

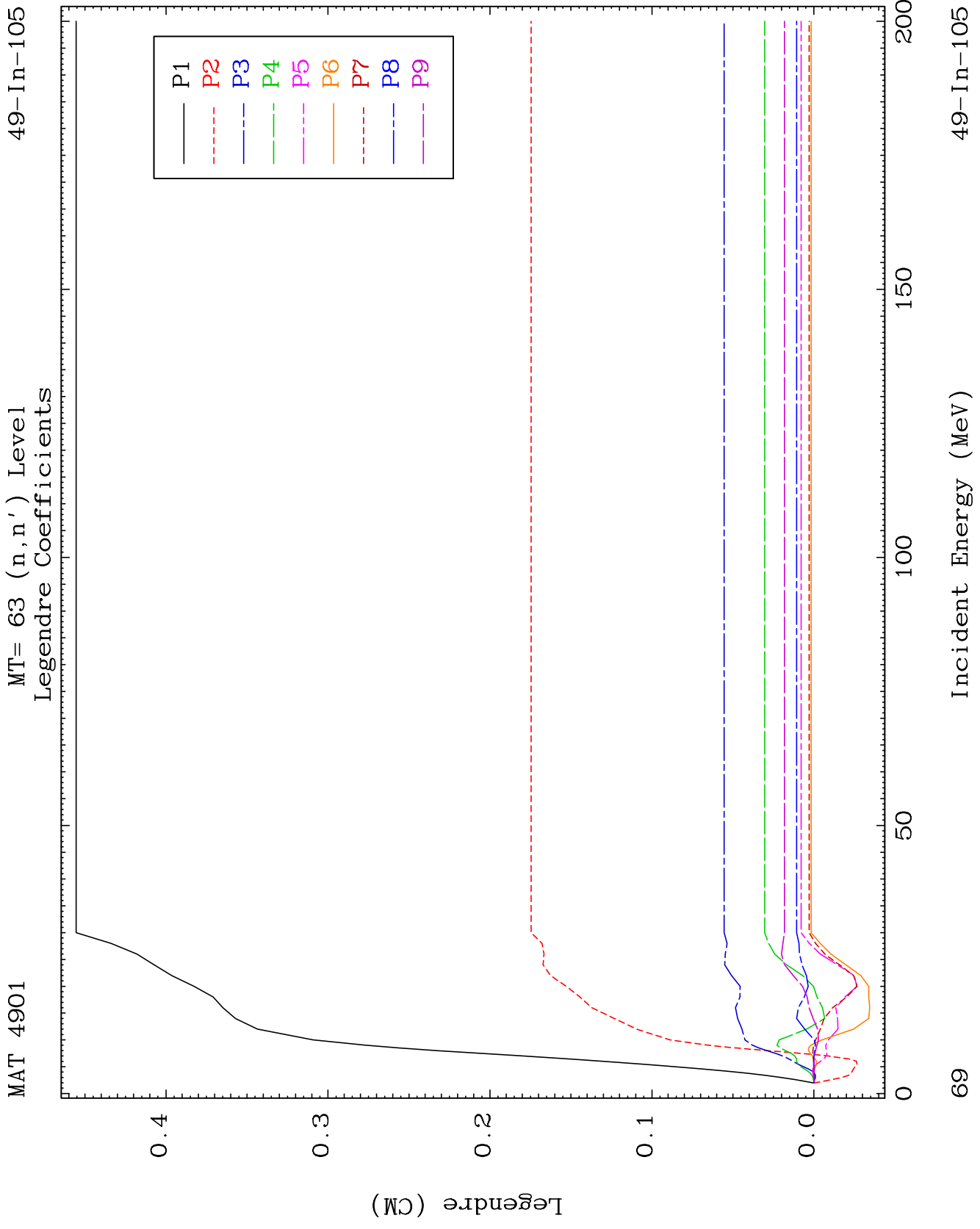
49-In-105

MAT 4901

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

49-In-105

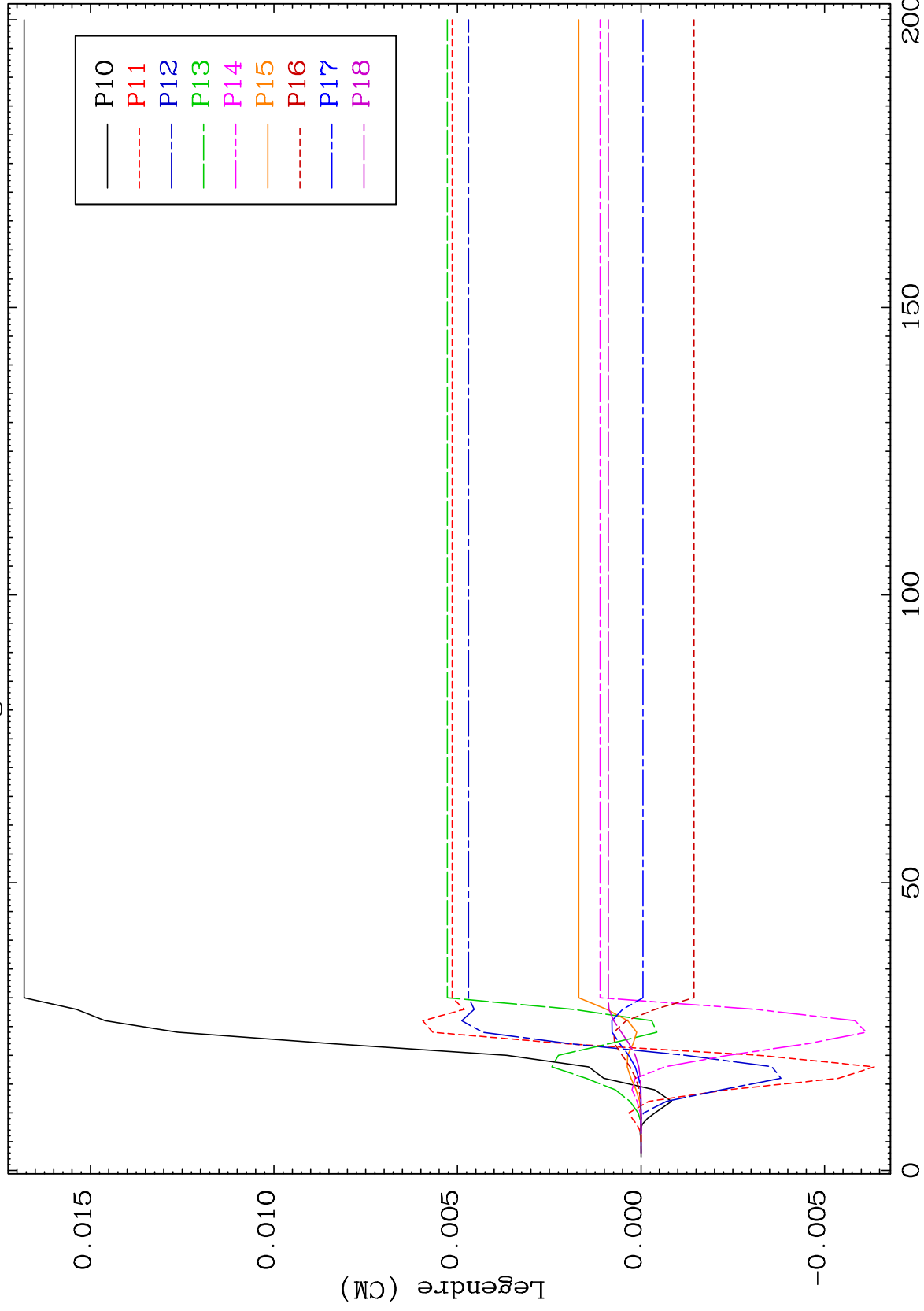




MAT 4901

MT= 63 (n,n') Level
Legendre Coefficients

49-In-105



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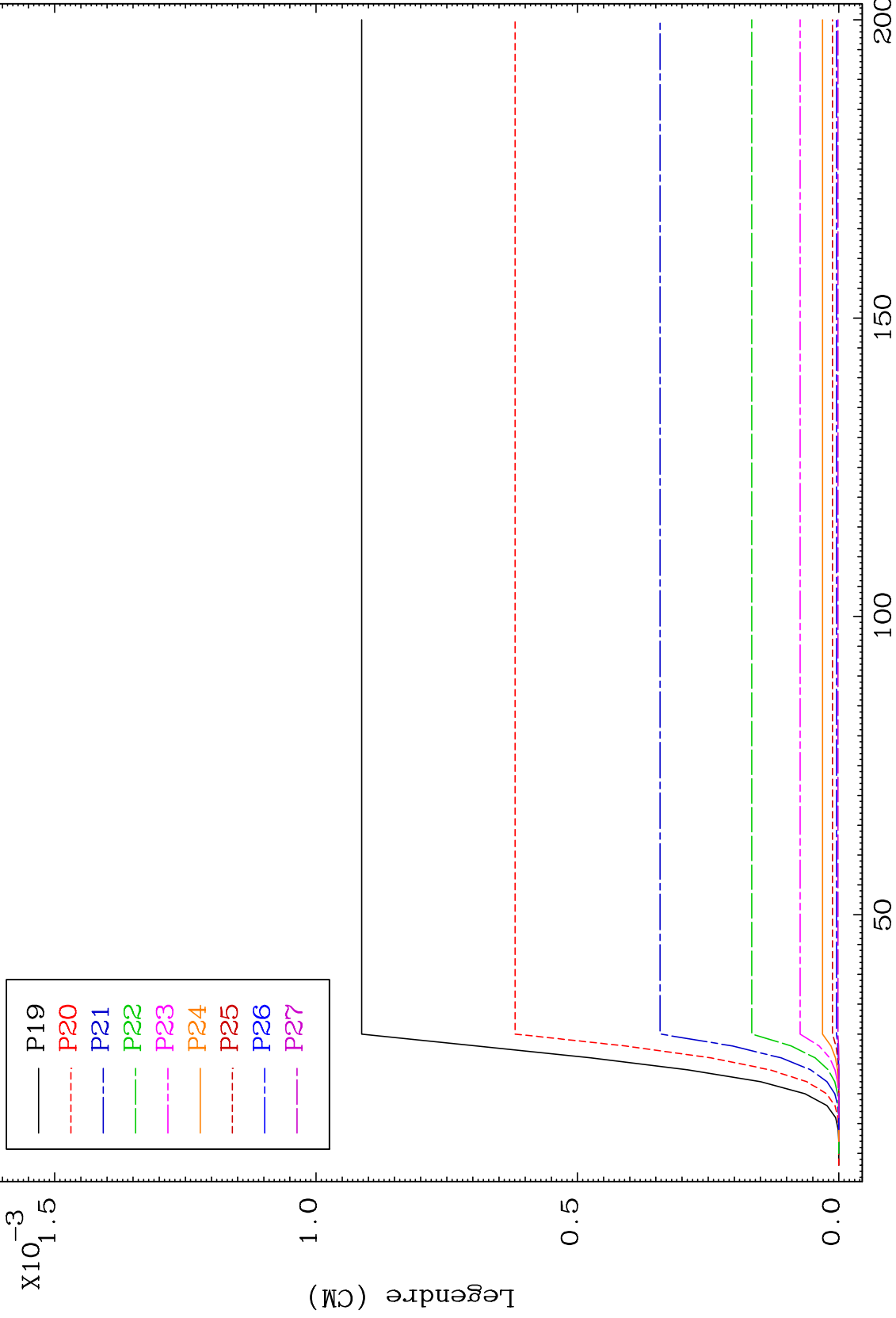
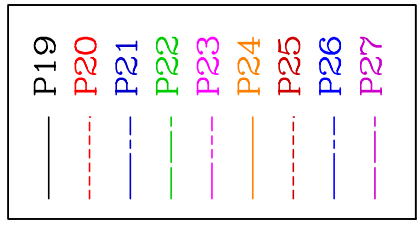
Incident Energy (MeV)

49-In-105

MAT 4901

MT= 63 (n,n') Level
Legendre Coefficients

49-In-105



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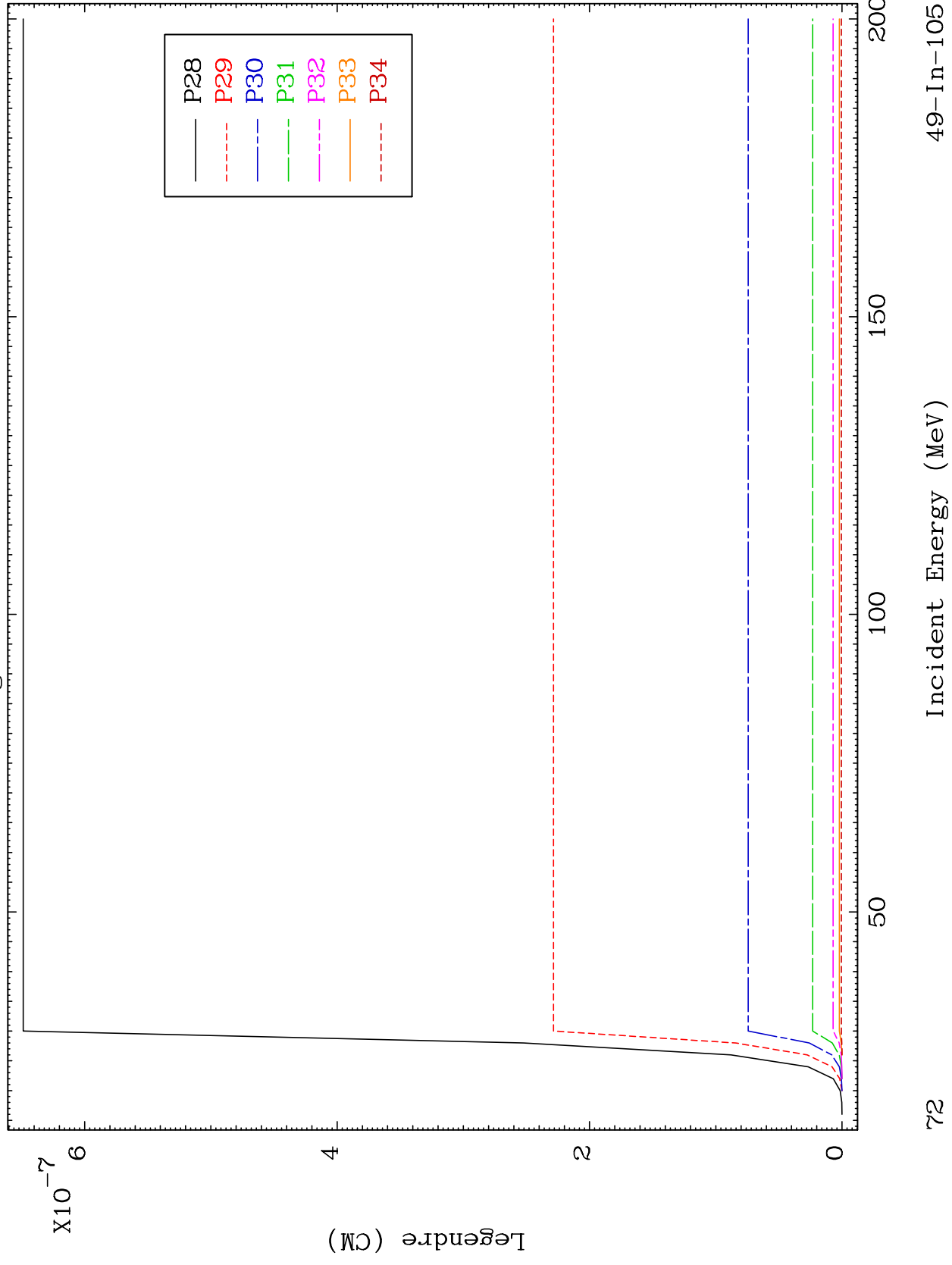
Incident Energy (MeV)

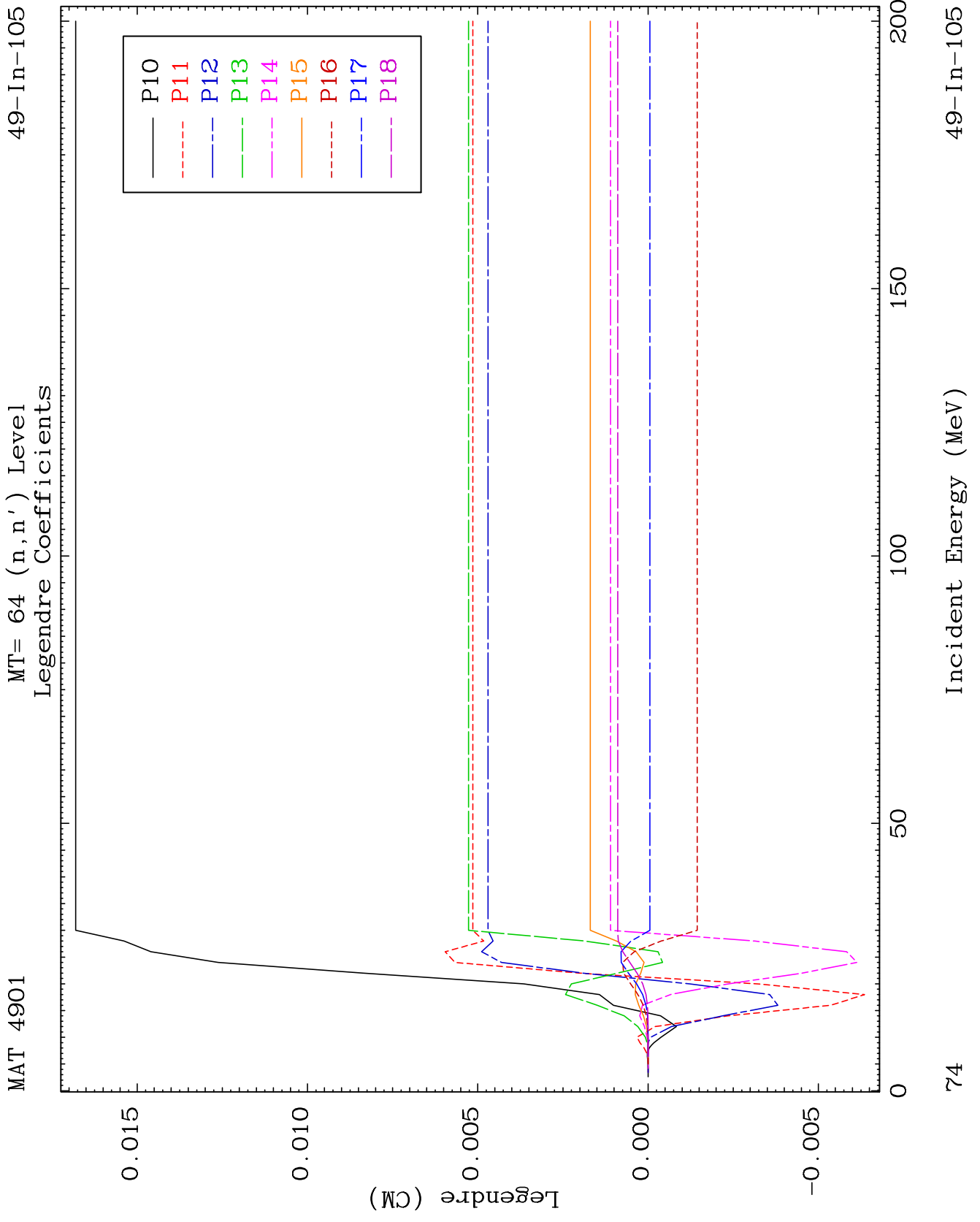
49-In-105

MAT 4901

MT= 63 (n,n') Level
Legendre Coefficients

49-In-105

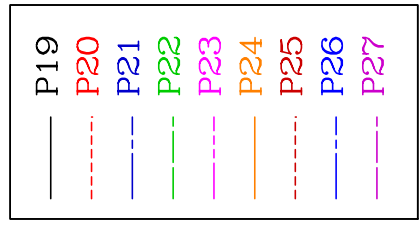




MAT 4901

MT= 64 (n,n') Level
Legendre Coefficients

49-In-105



$\times 10^{-3}$
1.5

Legendre (CM)

1.0

0.5

0.0

50

100

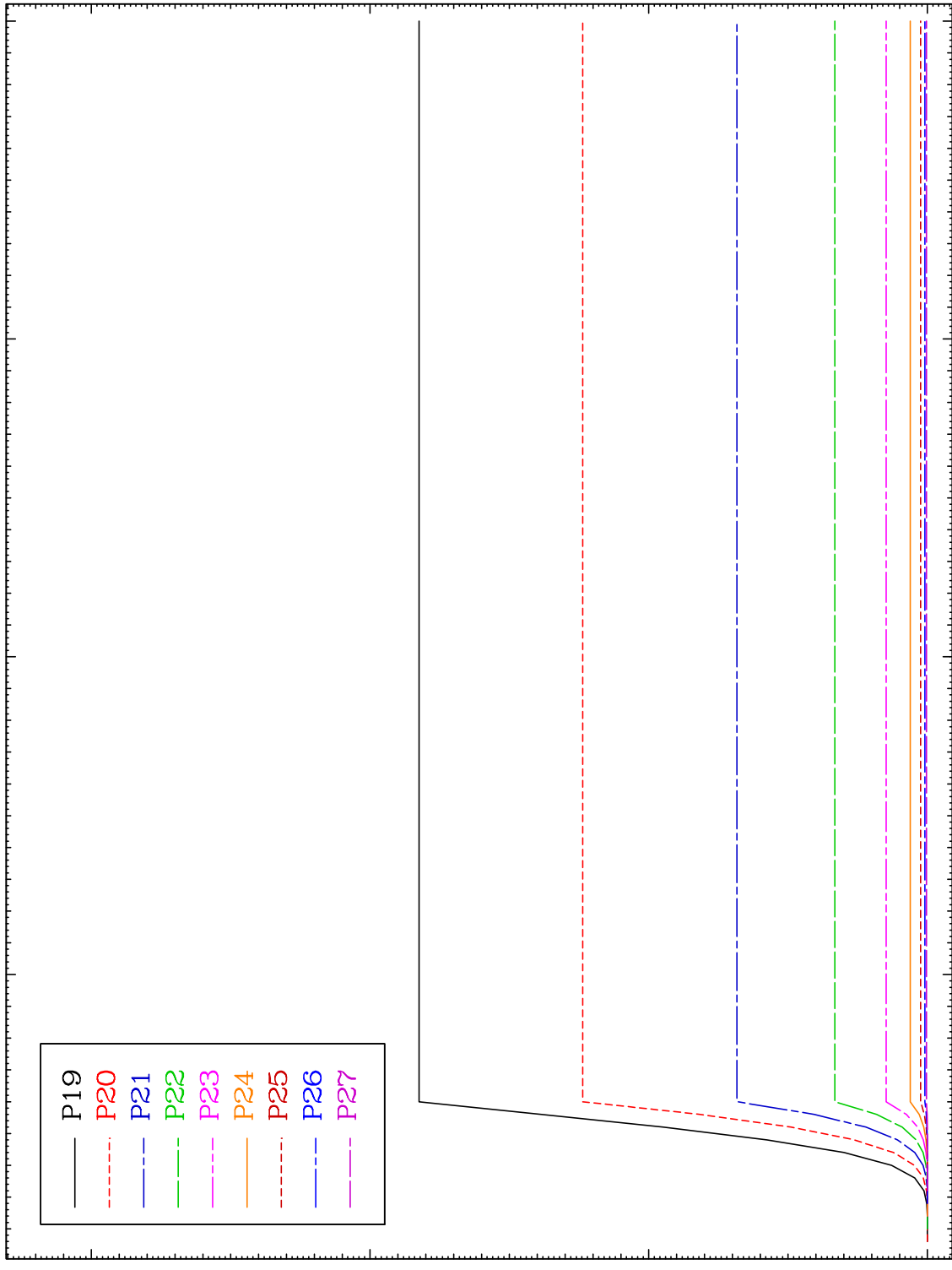
150

200

75

Incident Energy (MeV)

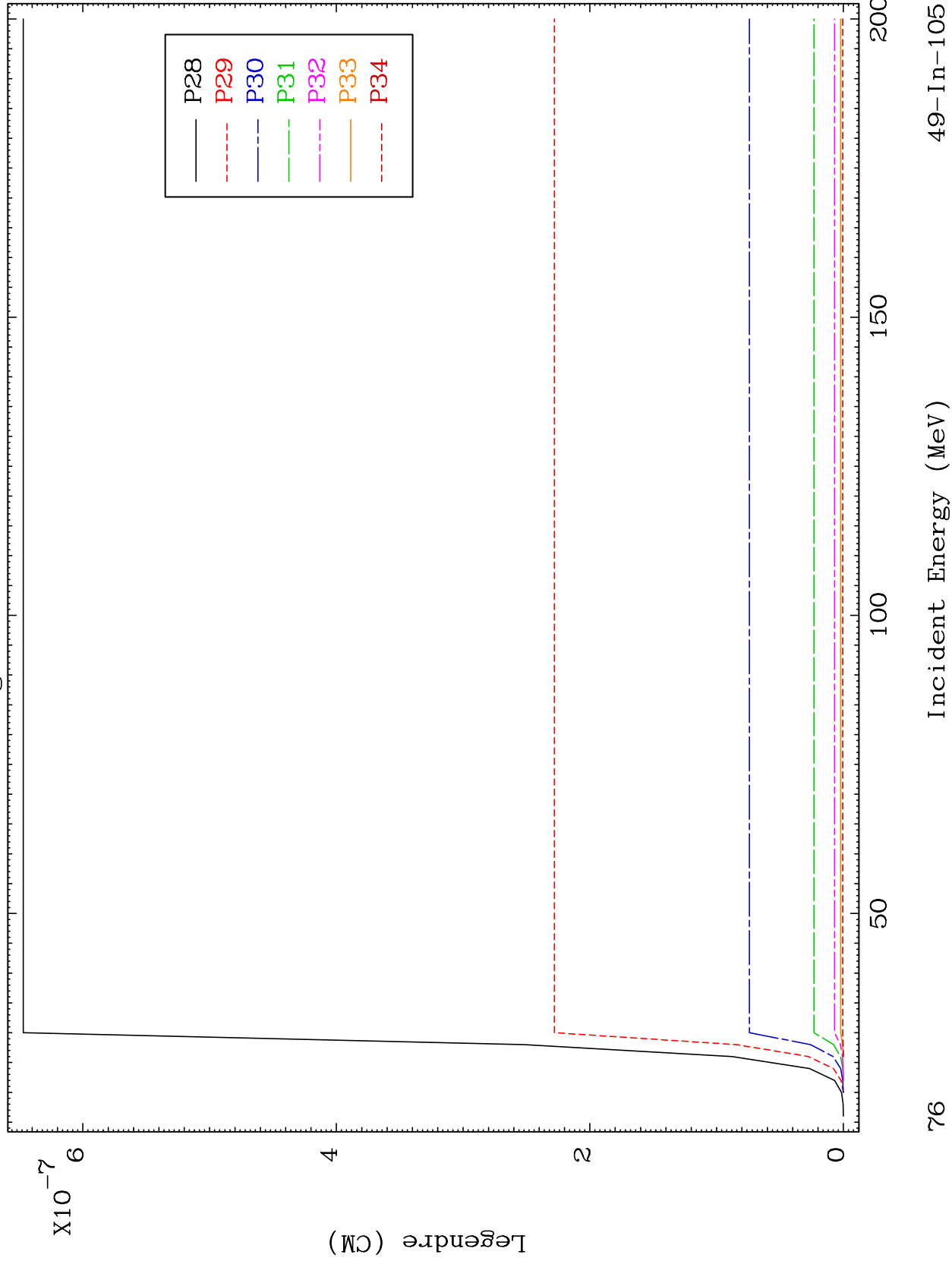
49-In-105

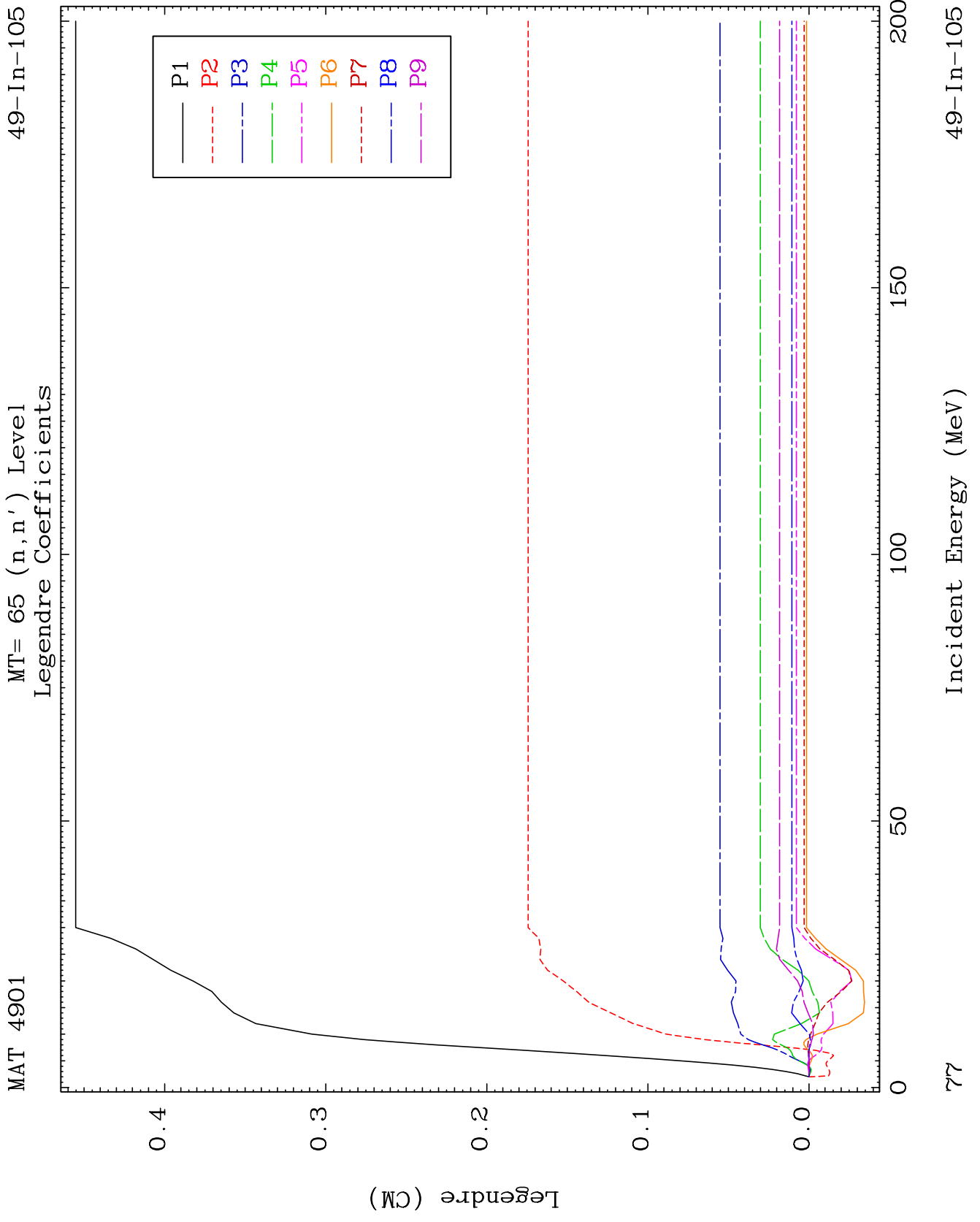


MAT 4901

MT= 64 (n,n') Level
Legendre Coefficients

49-In-105

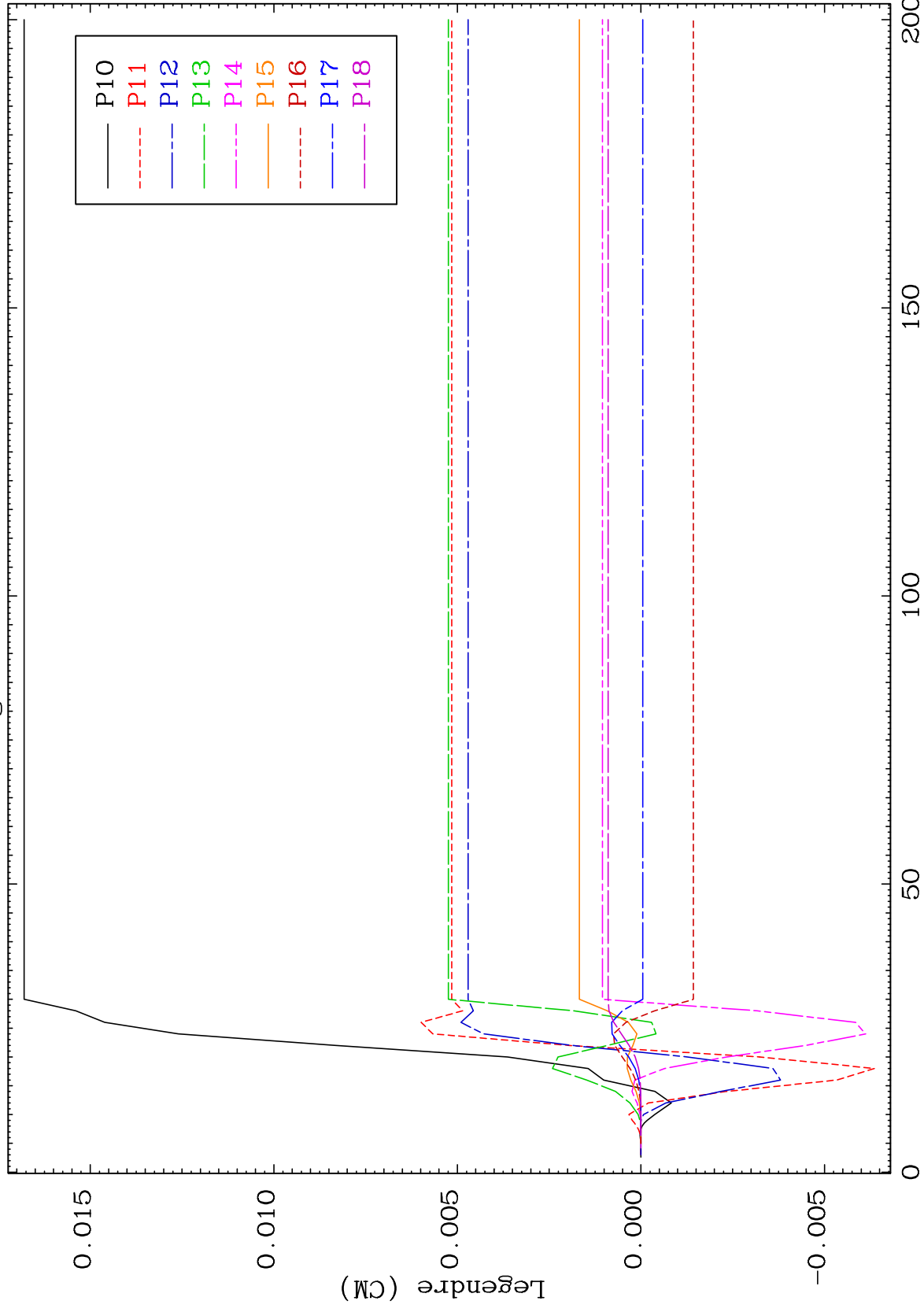




MAT 4901

MT= 65 (n,n') Level
Legendre Coefficients

49-In-105



78

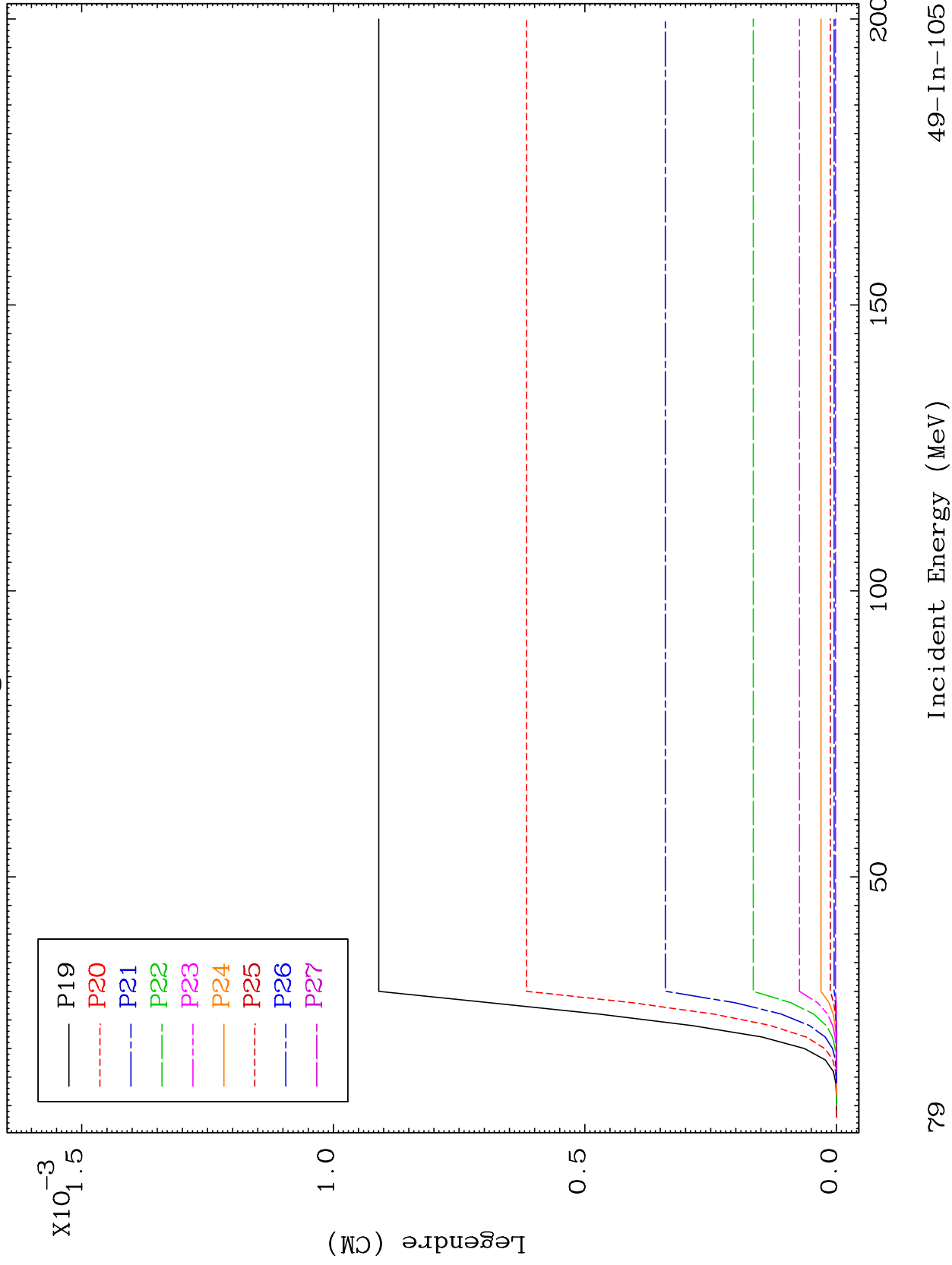
Incident Energy (MeV)

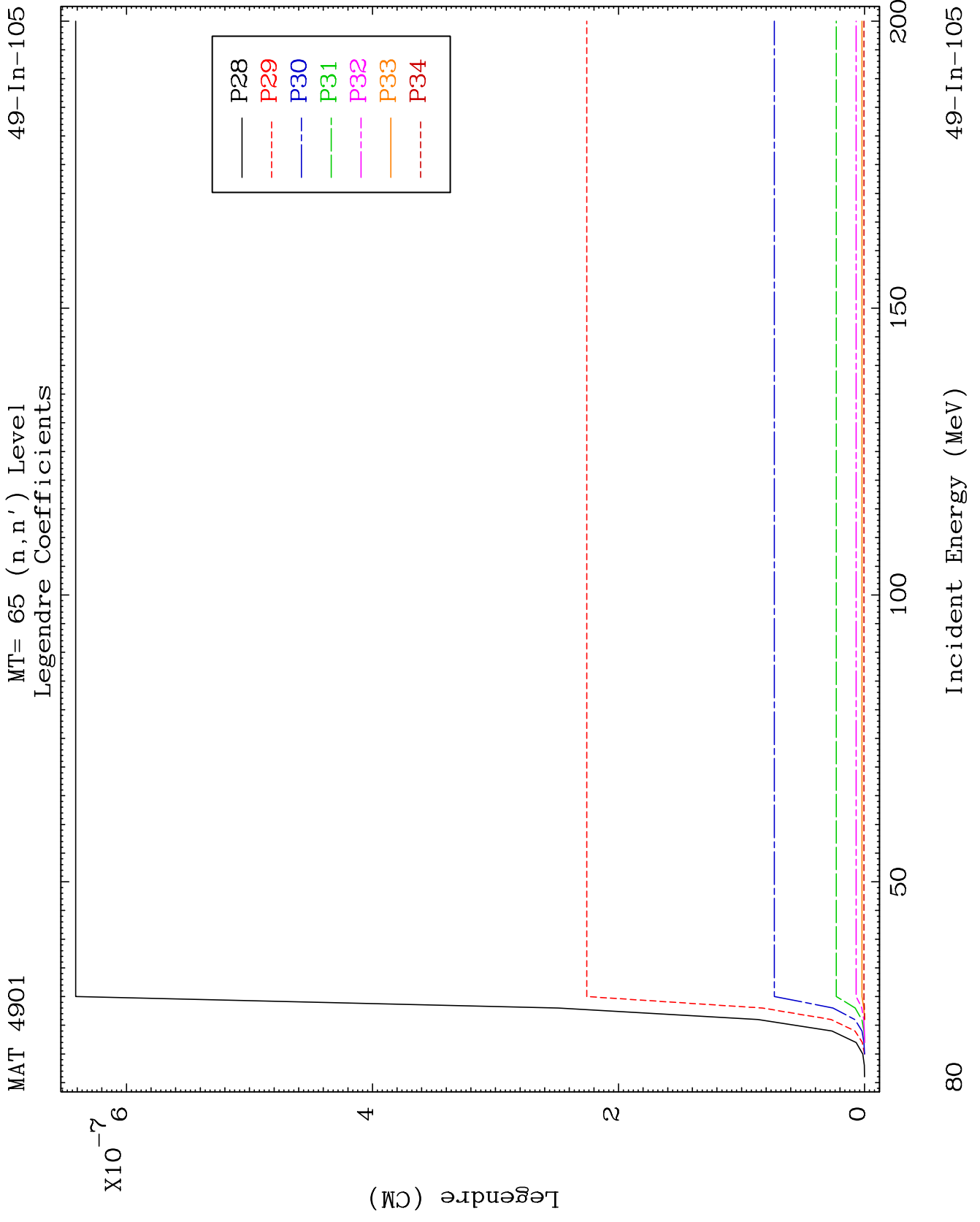
49-In-105

MAT 4901

MT= 65 (n,n') Level
Legendre Coefficients

49-In-105

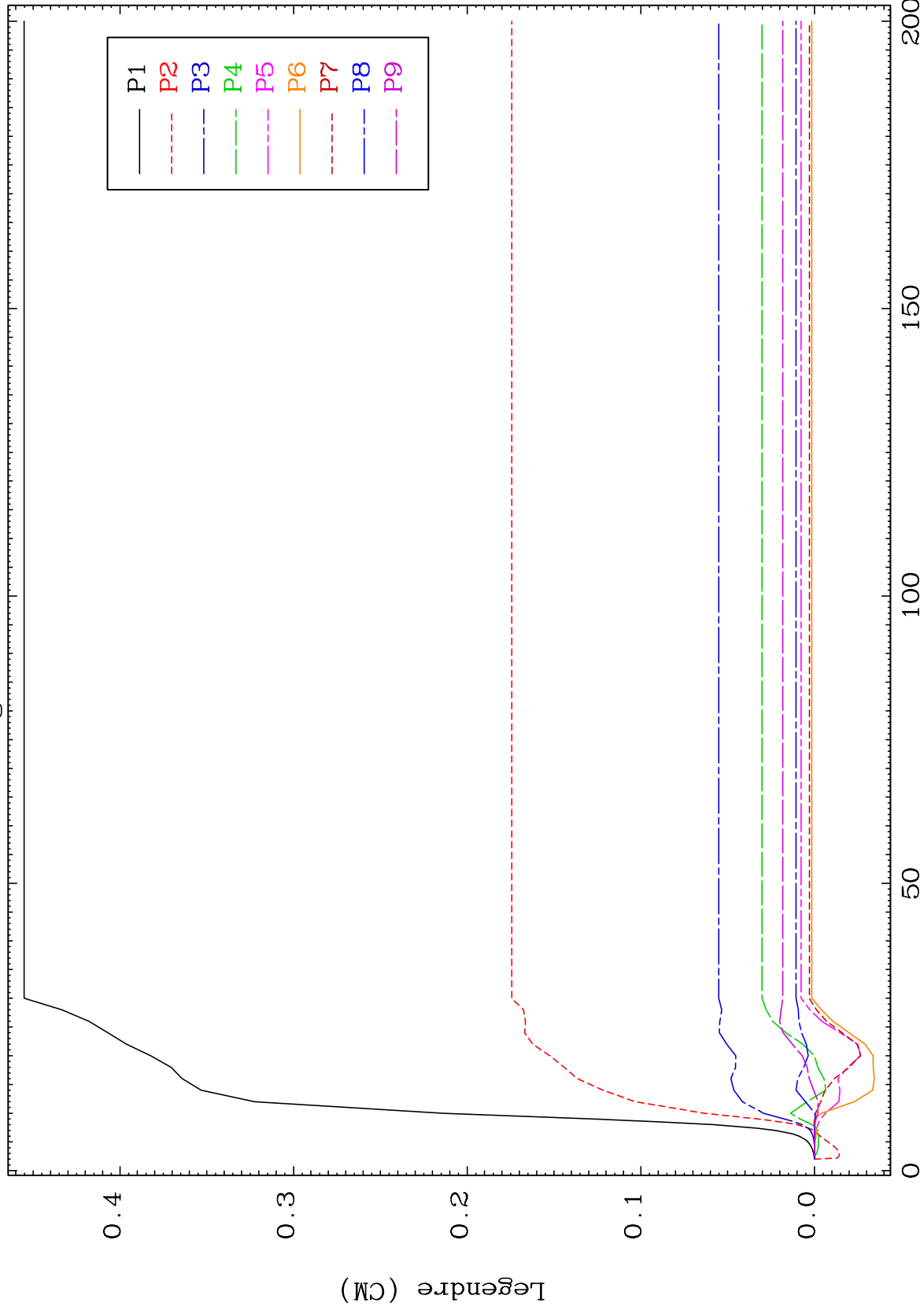




MAT 4901

MT= 66 (n,n') Level
Legendre Coefficients

49-In-105



81

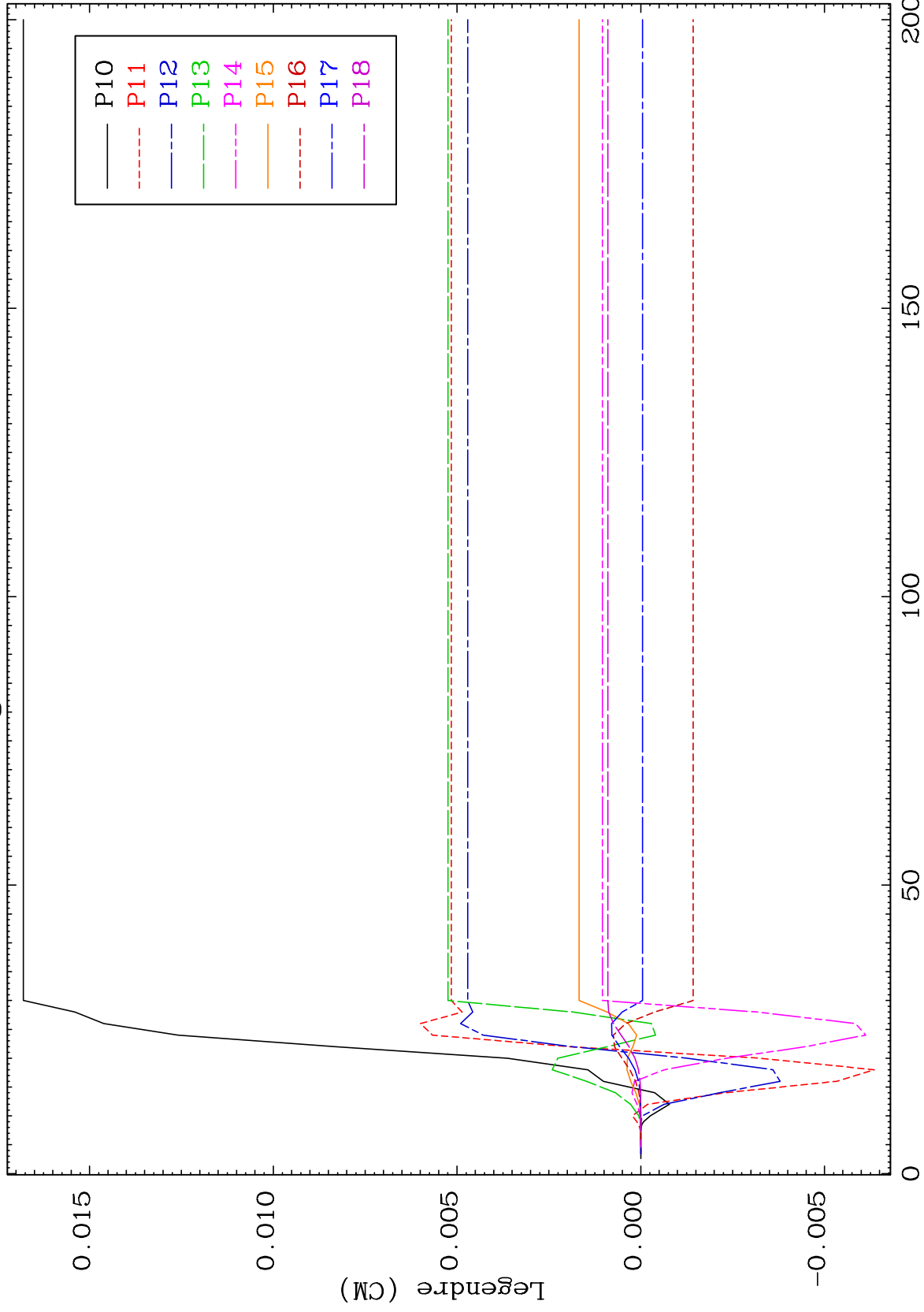
Incident Energy (MeV)

49-In-105

MAT 4901

MT= 66 (n,n') Level
Legendre Coefficients

49-In-105



82

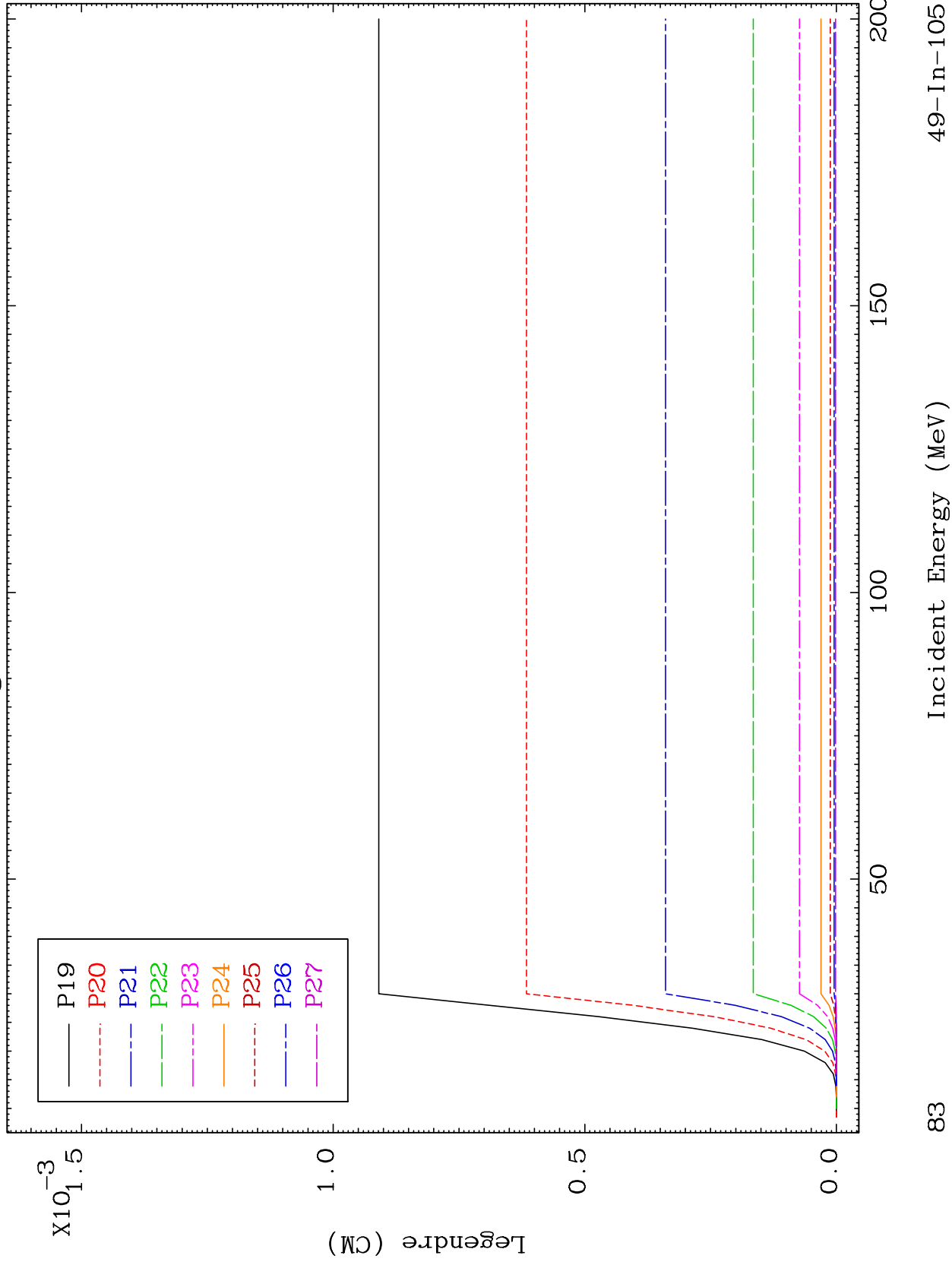
Incident Energy (MeV)

49-In-105

MAT 4901

MT= 66 (n,n') Level
Legendre Coefficients

49-In-105



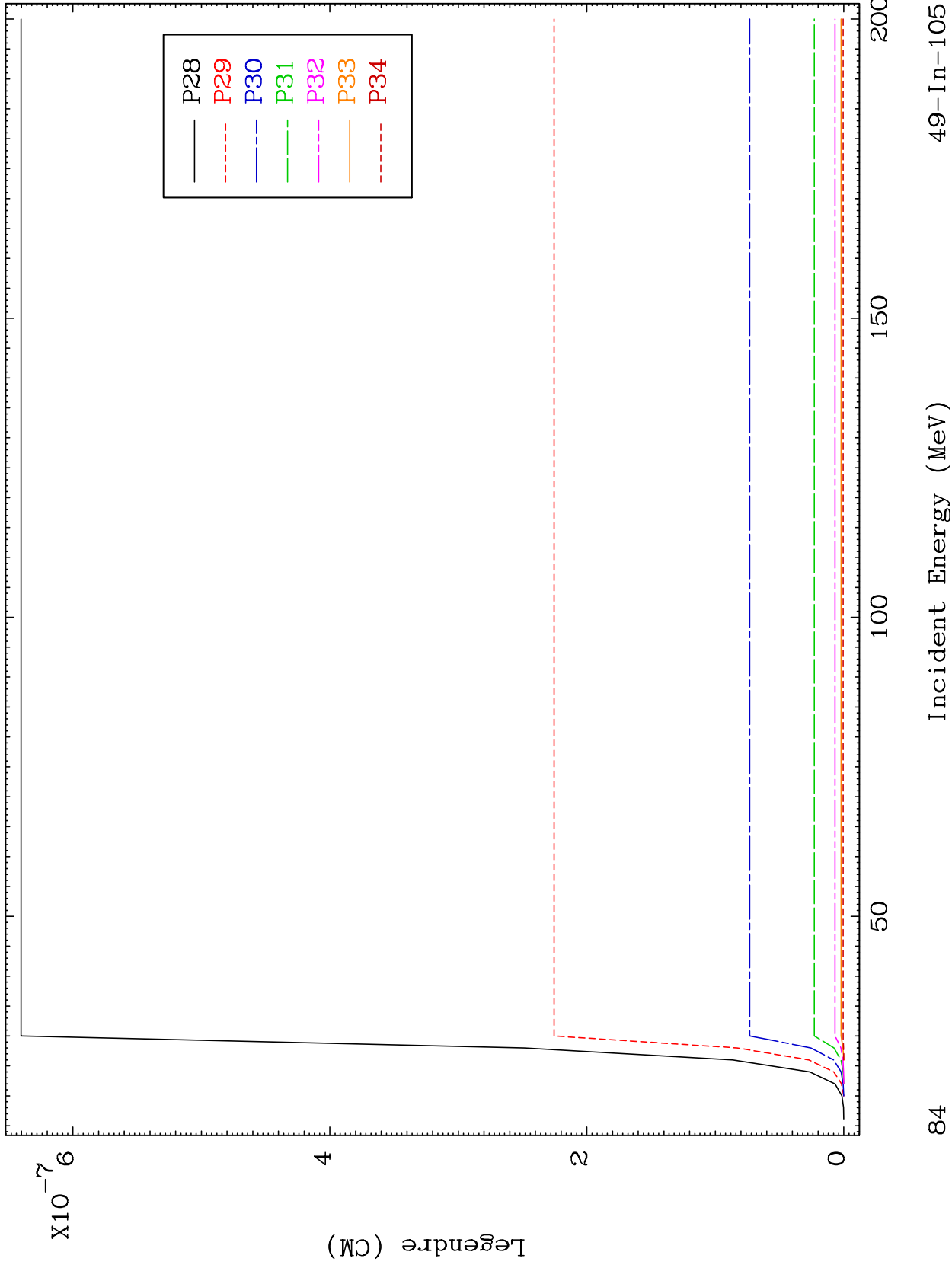
83

49-In-105

MAT 4901

MT= 66 (n,n') Level
Legendre Coefficients

49-In-105



84

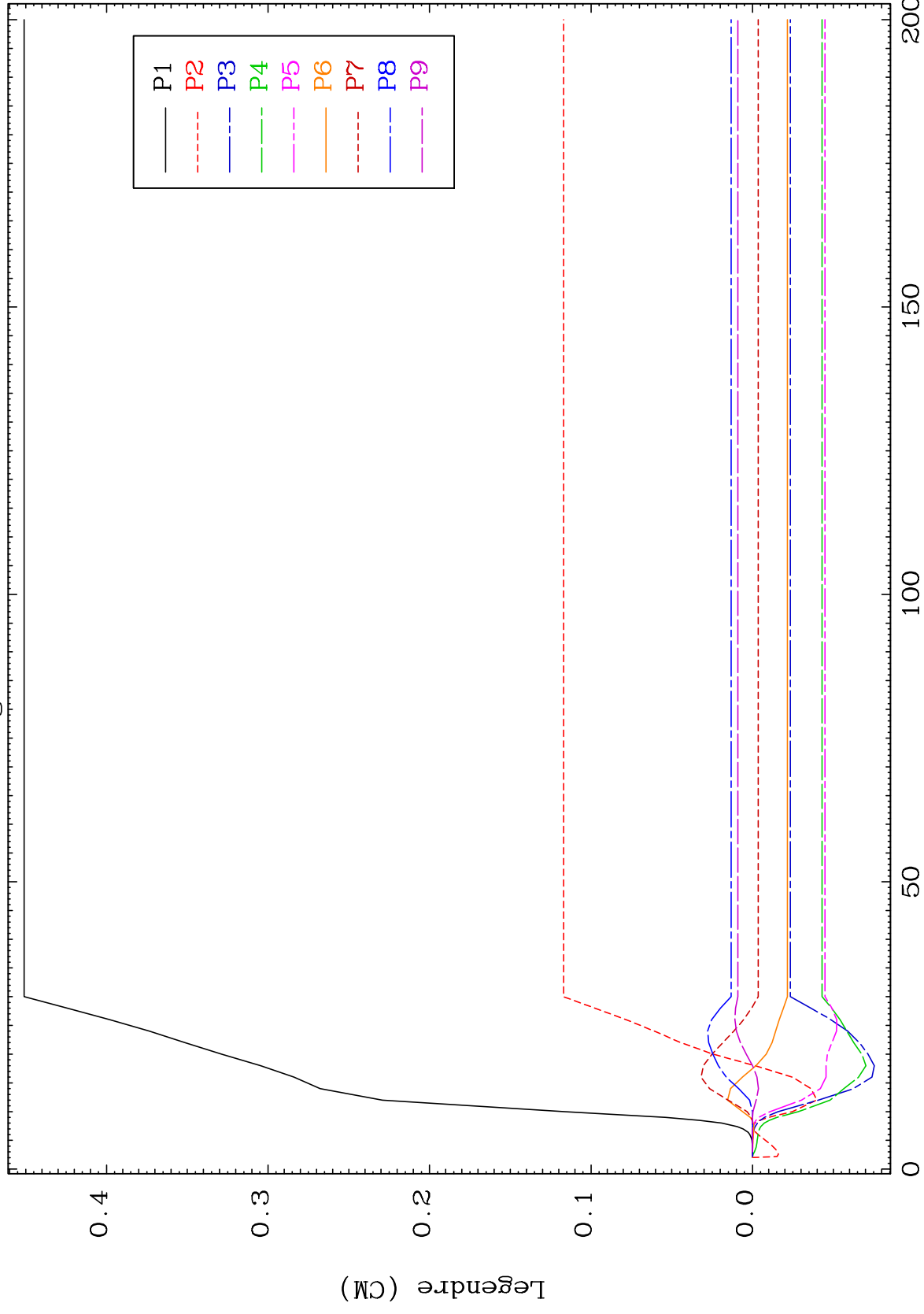
Incident Energy (MeV)

49-In-105

MAT 4901

MT= 67 (n,n') Level
Legendre Coefficients

49-In-105



85

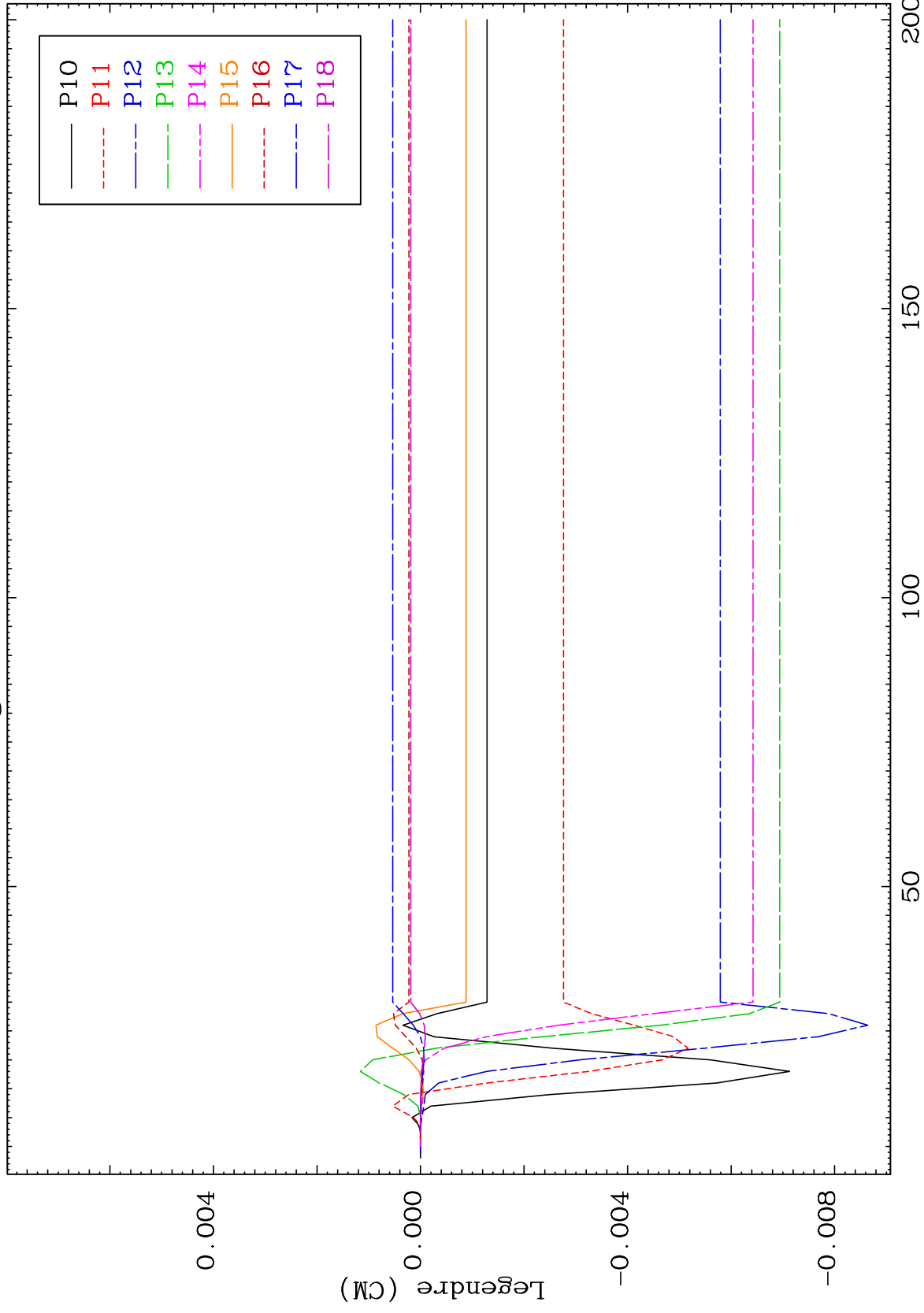
Incident Energy (MeV)

49-In-105

MAT 4901

MT= 67 (n,n') Level
Legendre Coefficients

49-In-105



86

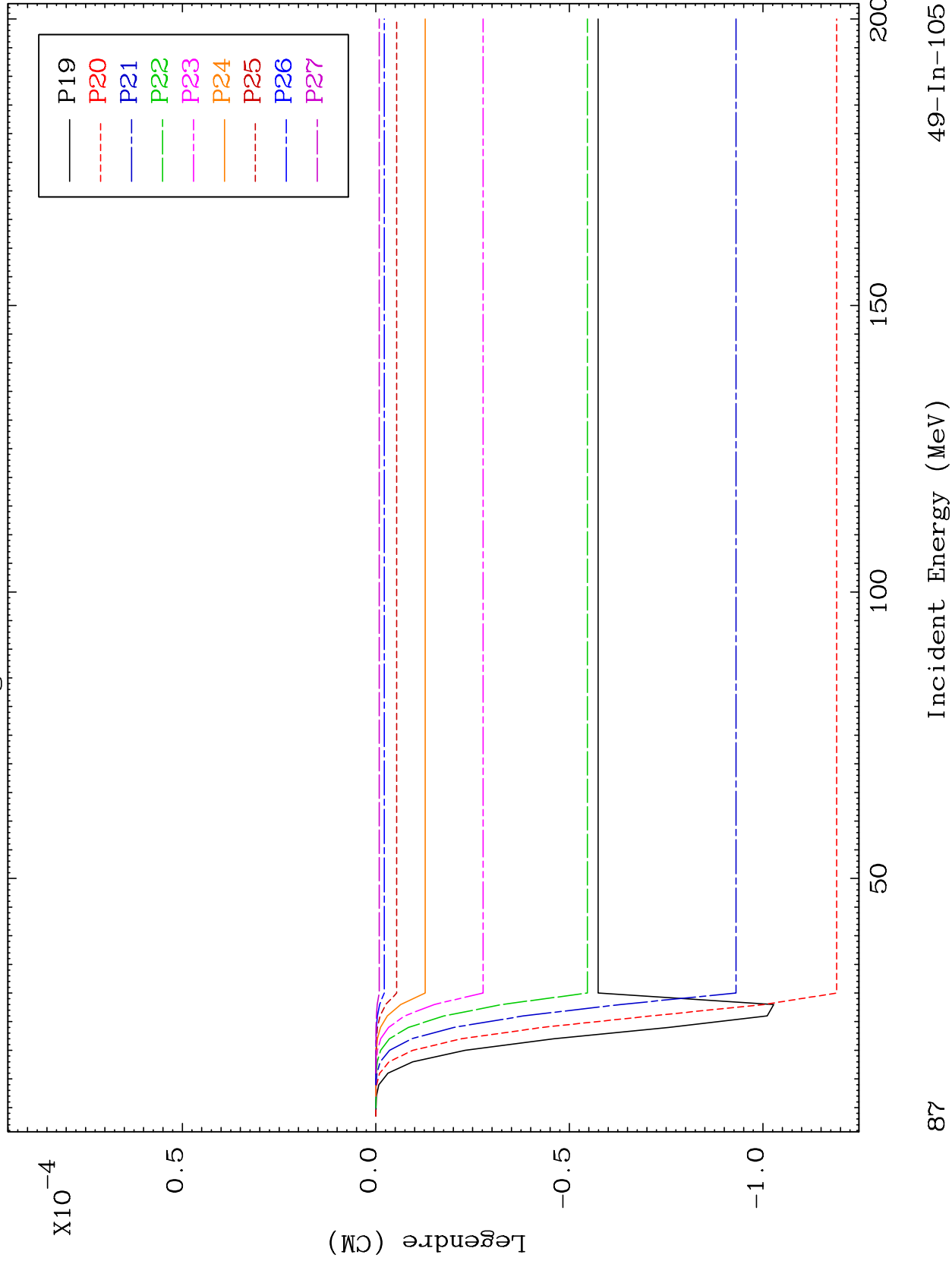
Incident Energy (MeV)

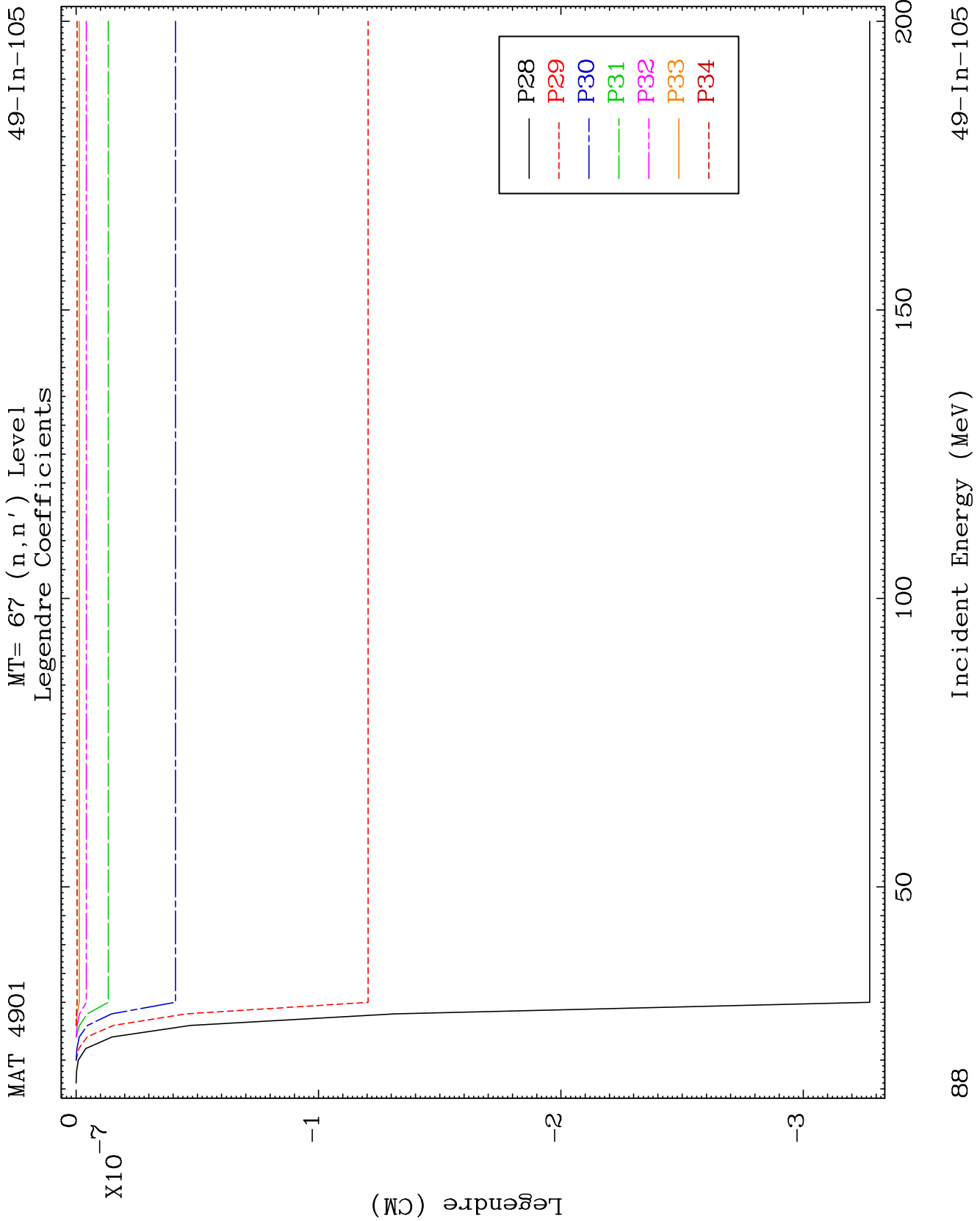
49-In-105

MAT 4901

MT= 67 (n,n') Level
Legendre Coefficients

49-In-105

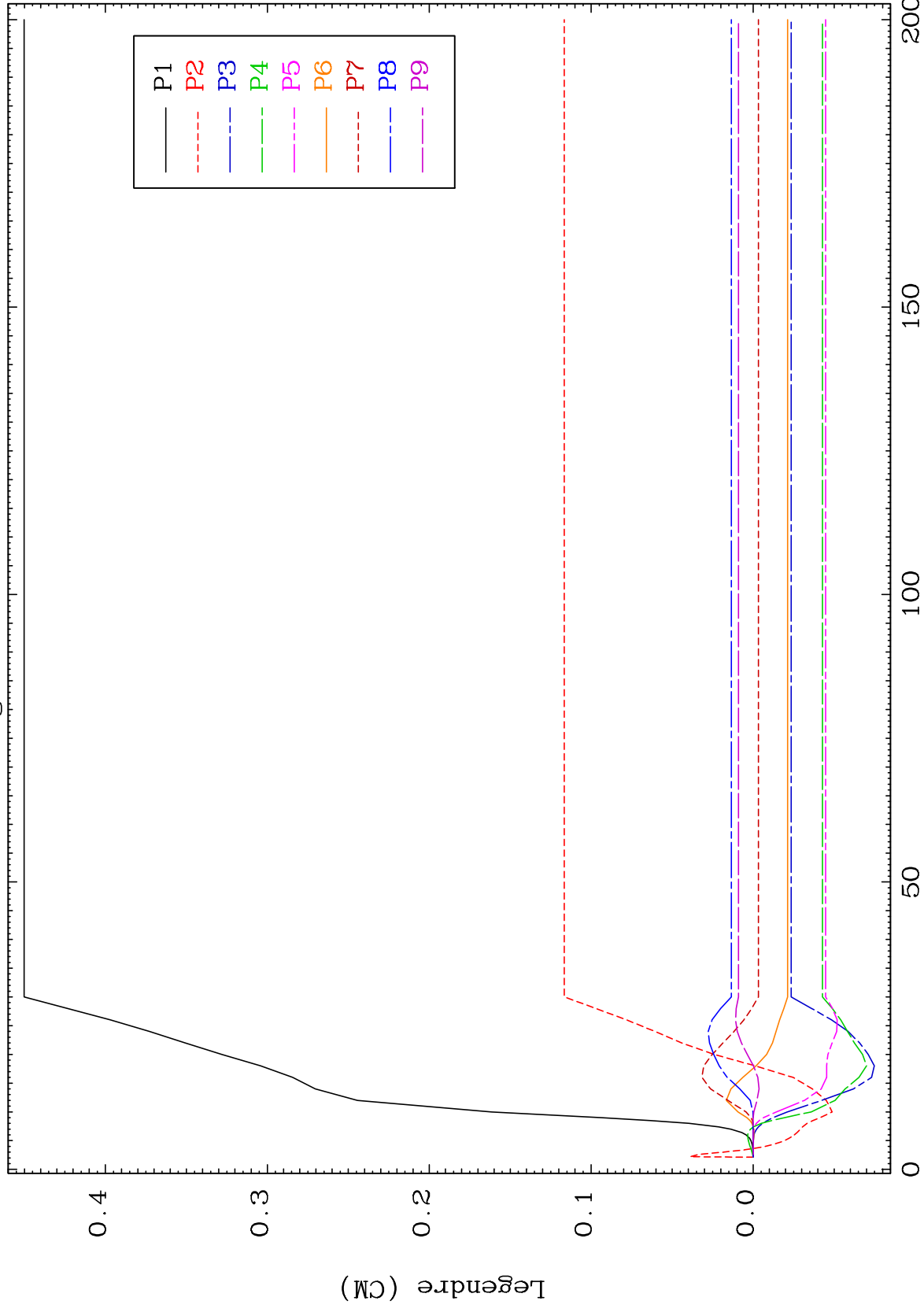




MAT 4901

MT= 68 (n,n') Level
Legendre Coefficients

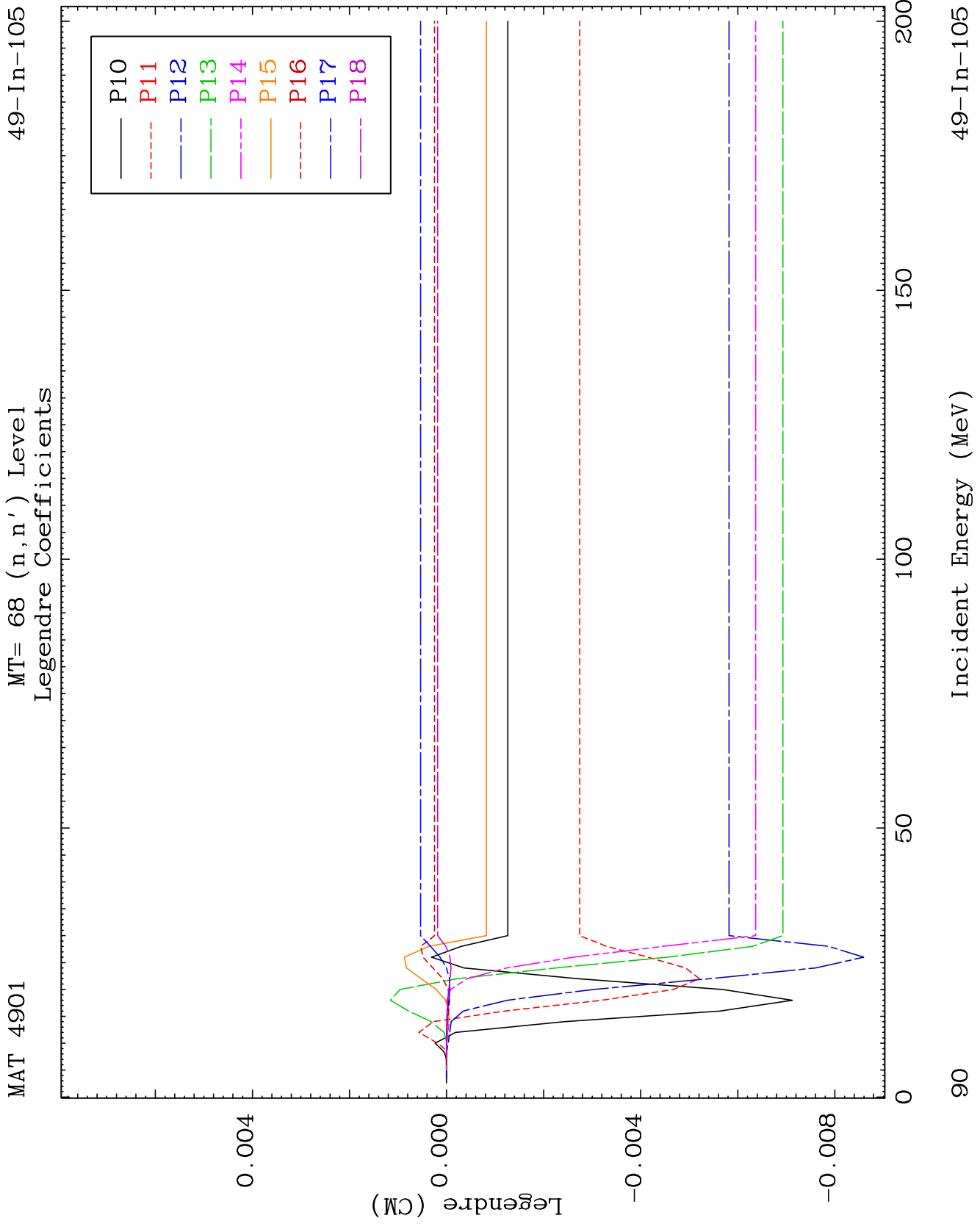
49-In-105



89

Incident Energy (MeV)

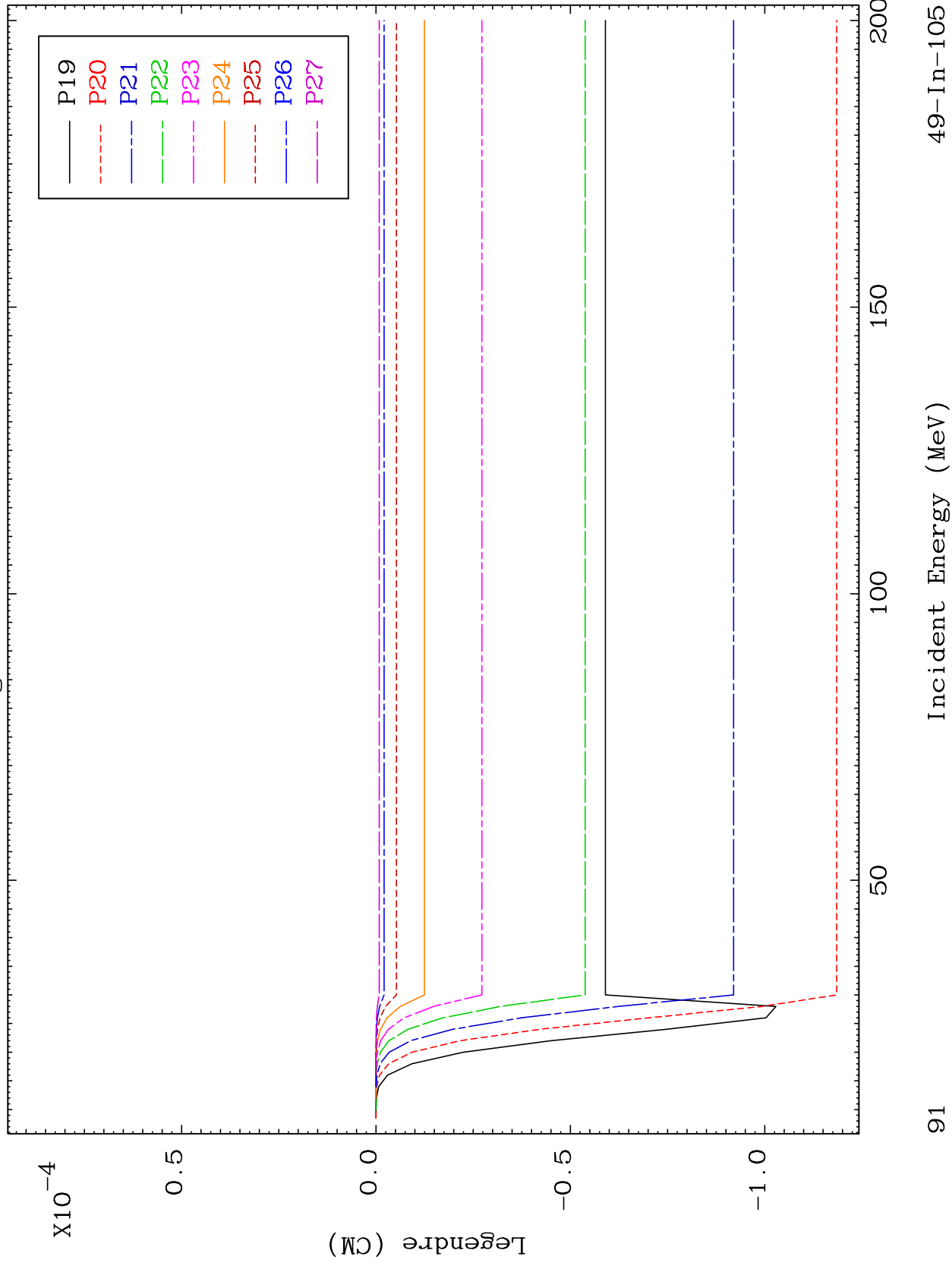
49-In-105



MAT 4901

MT= 68 (n,n') Level
Legendre Coefficients

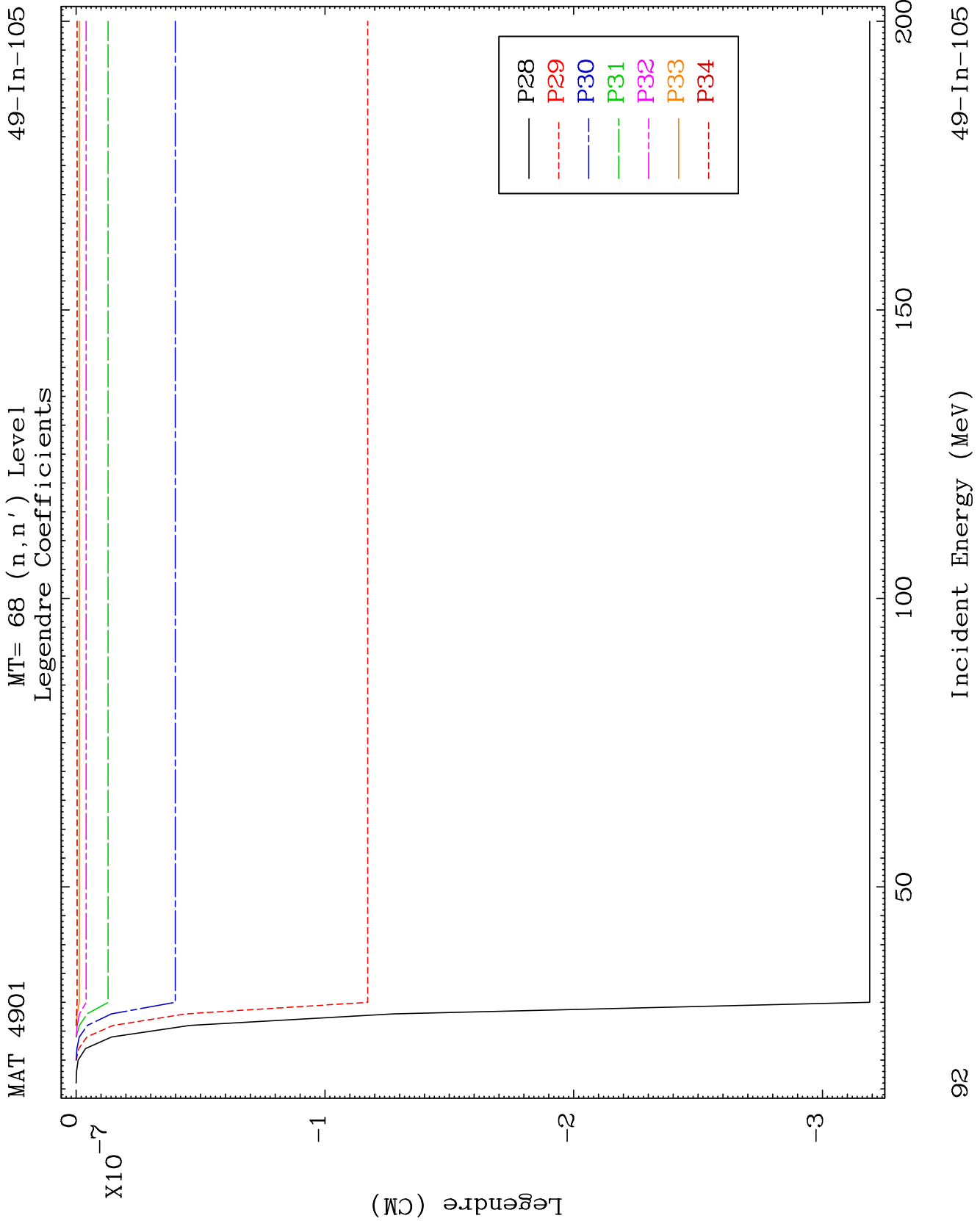
49-In-105



91

Incident Energy (MeV)

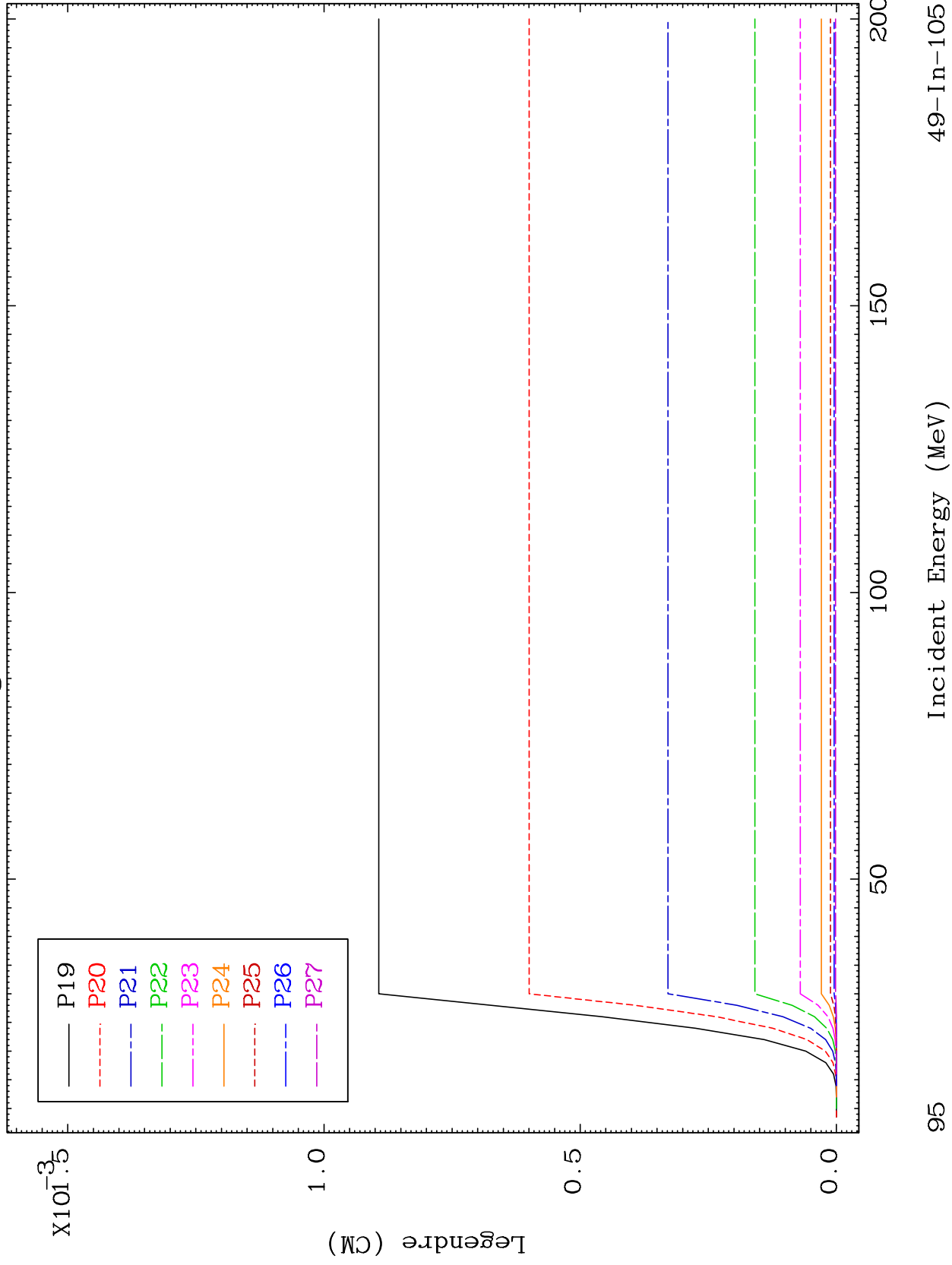
49-In-105



MAT 4901

MT= 69 (n,n') Level
Legendre Coefficients

49-In-105



95

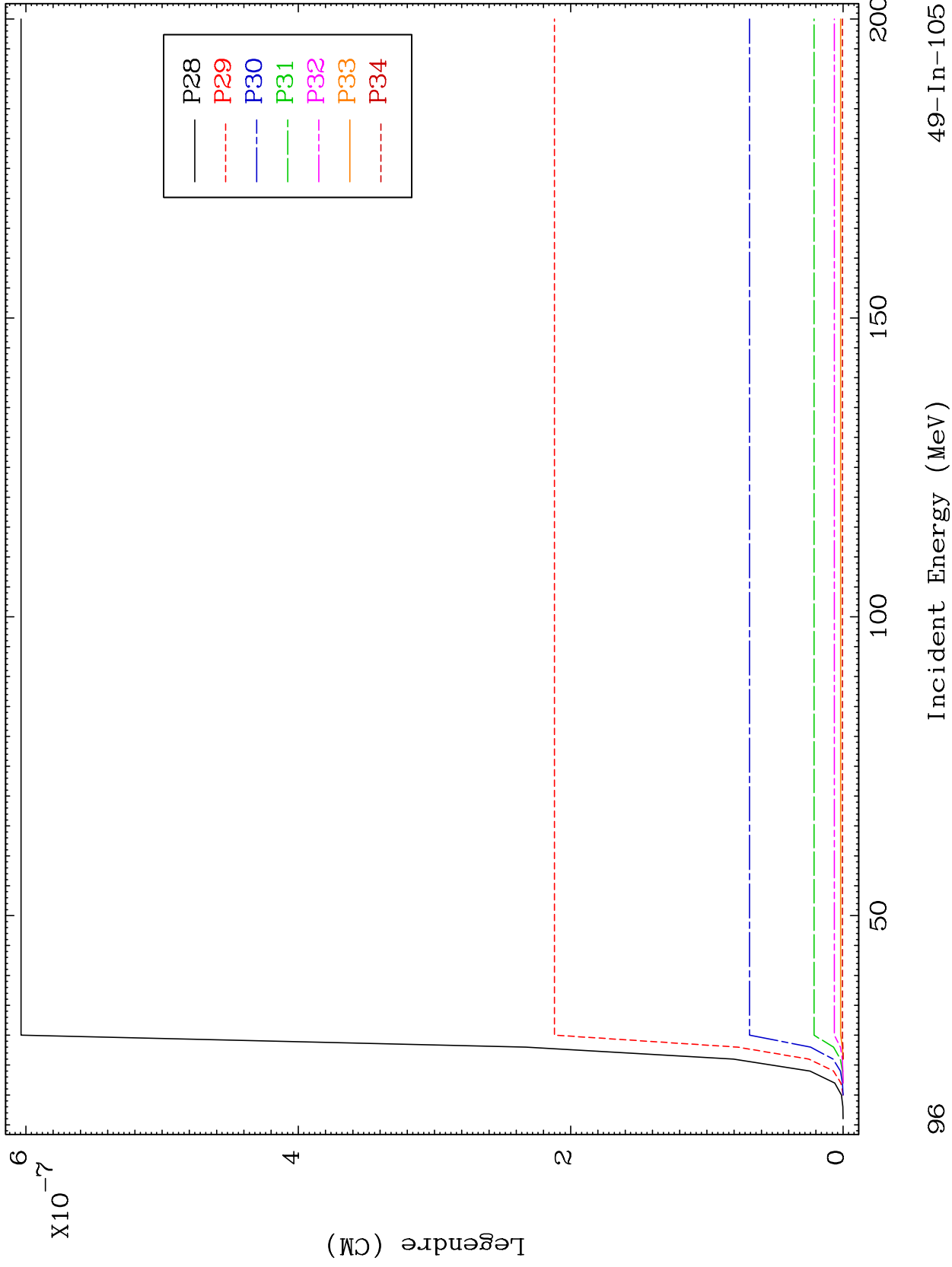
Incident Energy (MeV)

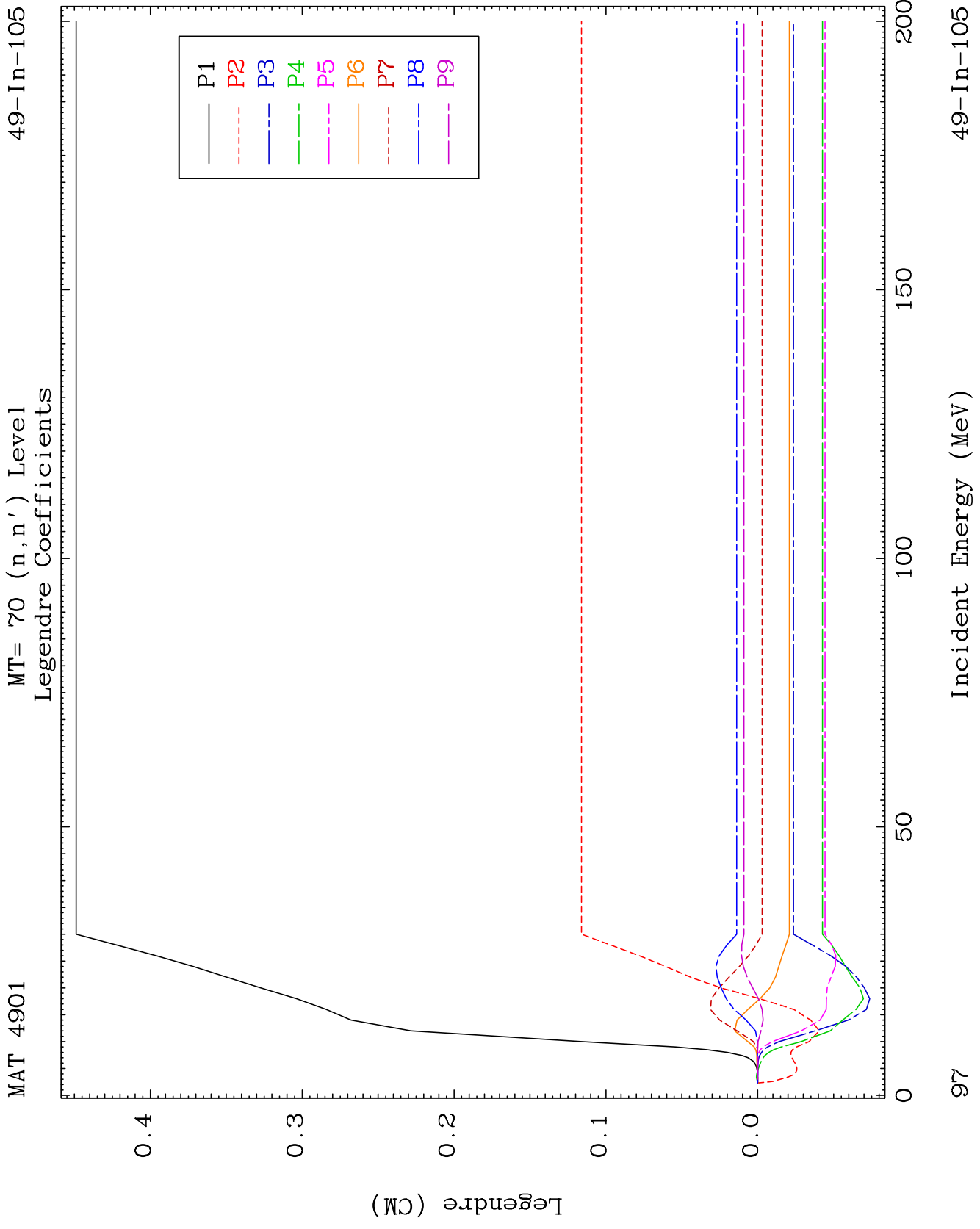
49-In-105

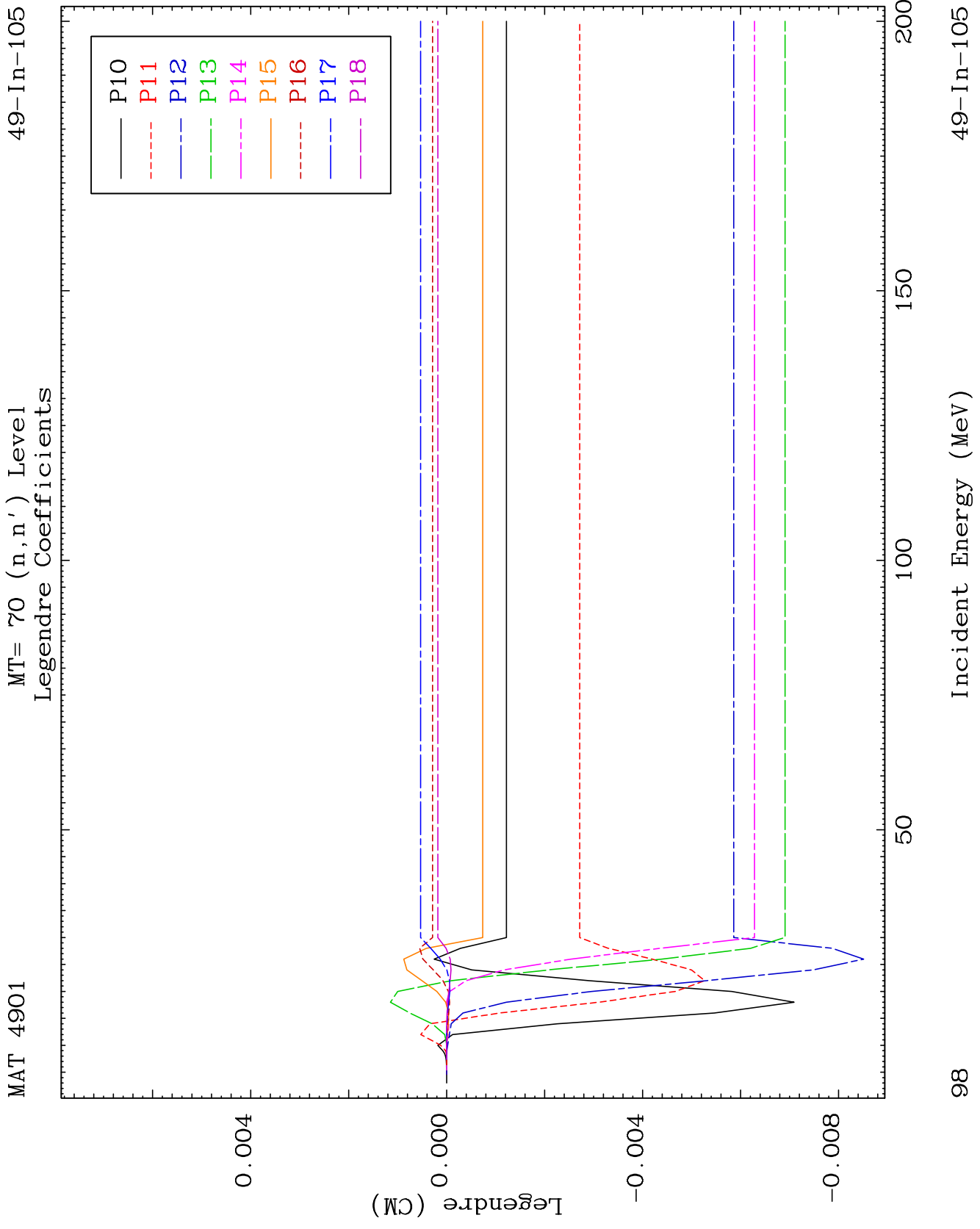
MAT 4901

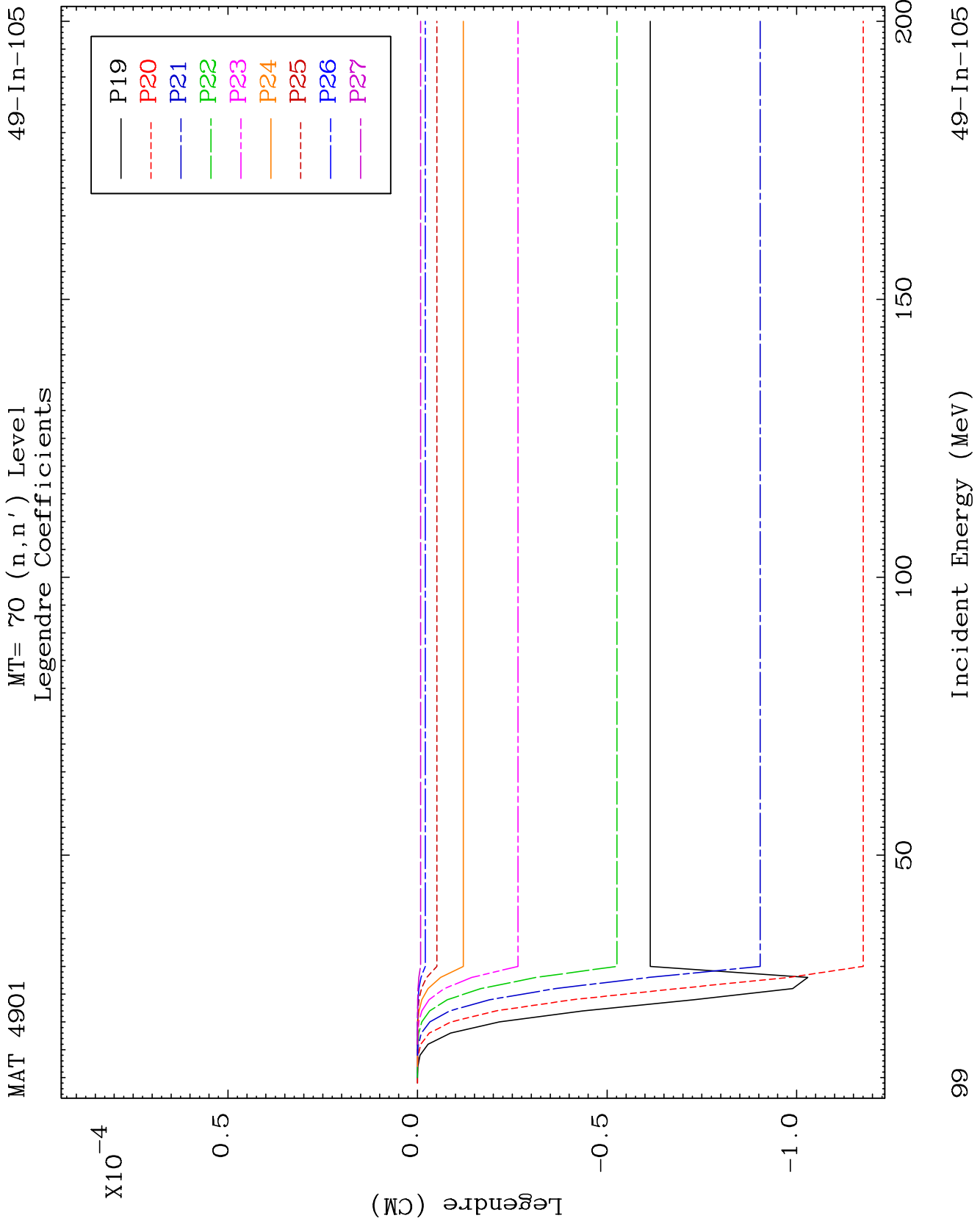
MT= 69 (n,n') Level
Legendre Coefficients

49-In-105





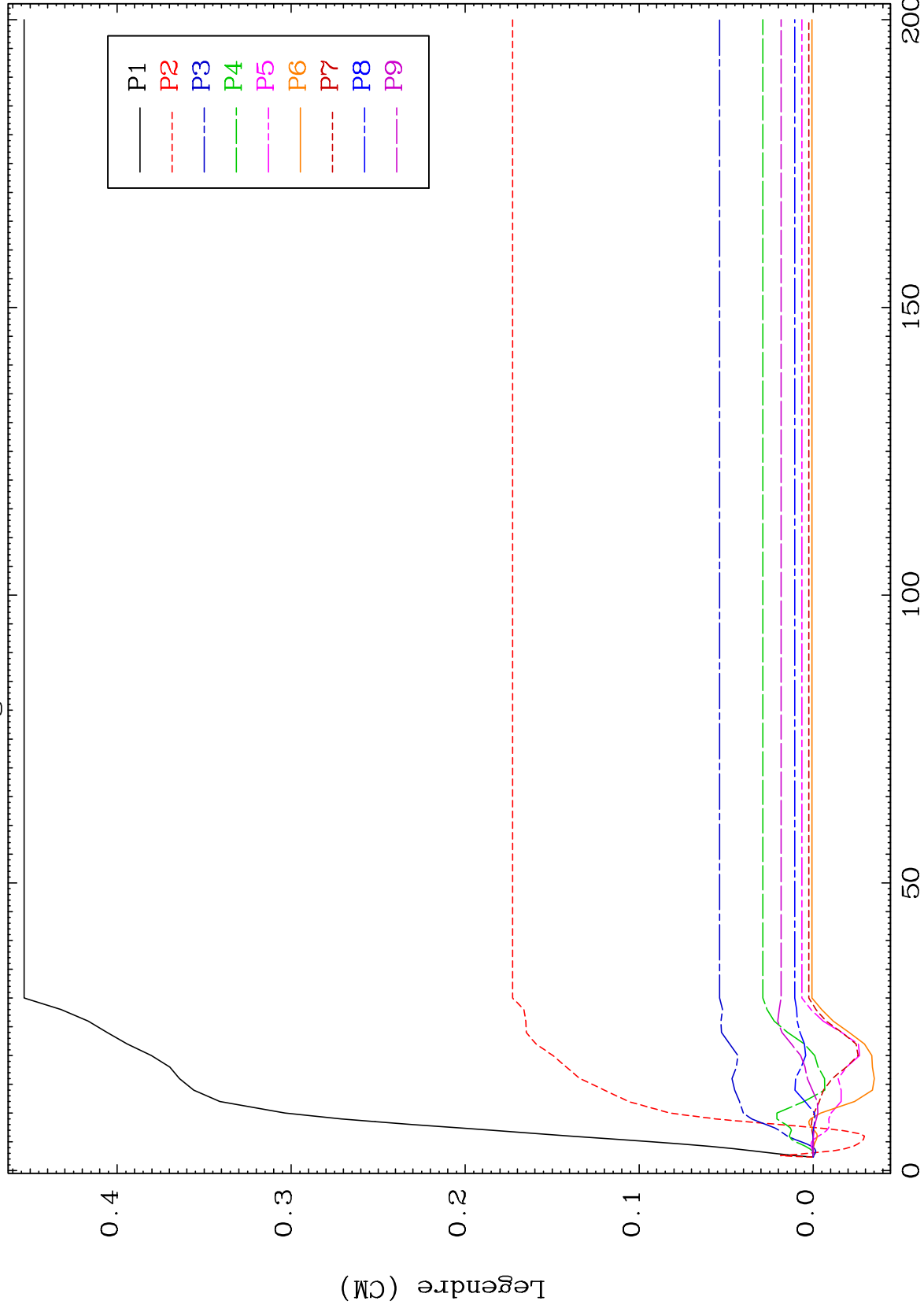




MAT 4901

MT= 71 (n,n') Level
Legendre Coefficients

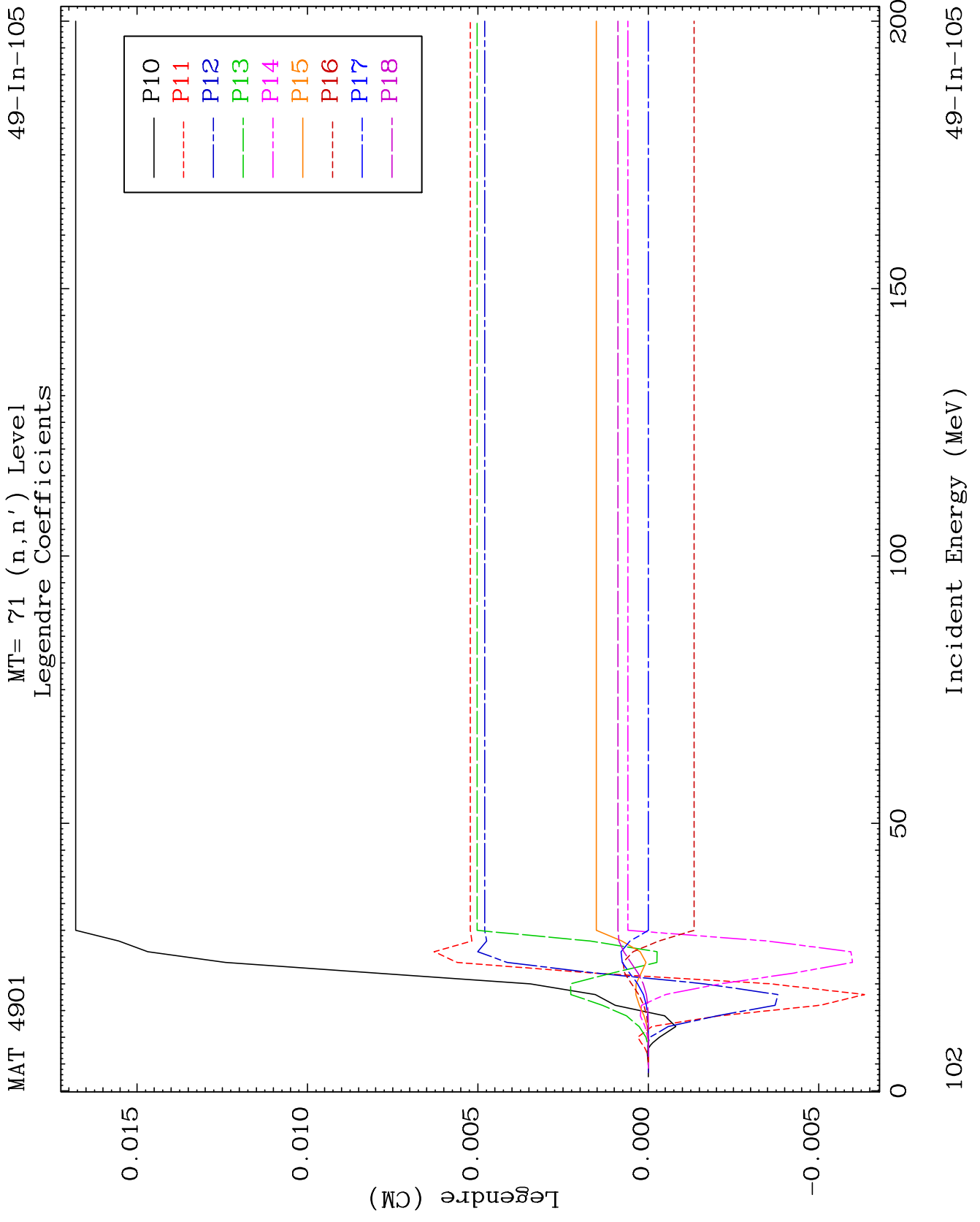
49-In-105



101

Incident Energy (MeV)

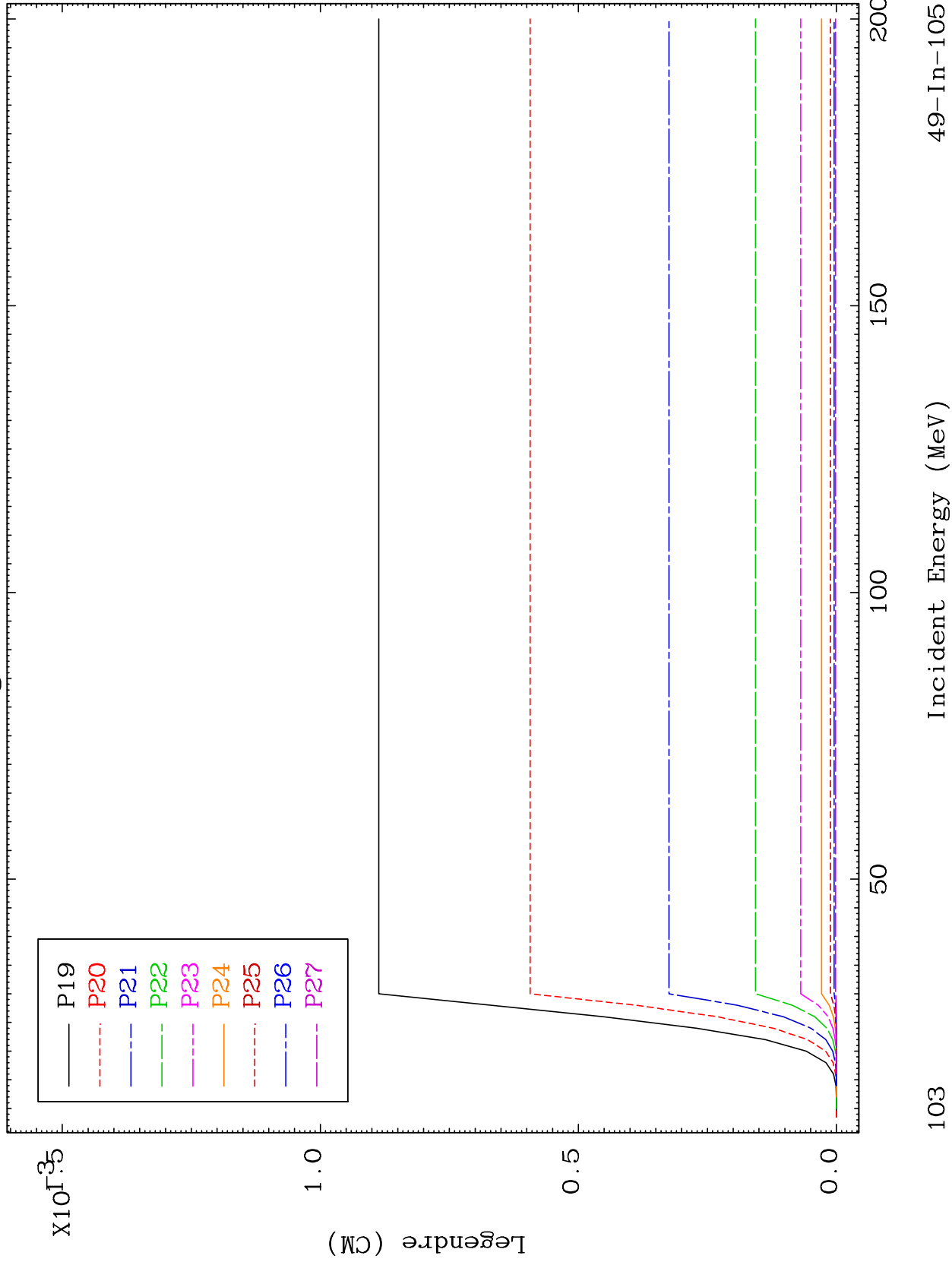
49-In-105



MAT 4901

MT= 71 (n,n') Level
Legendre Coefficients

49-In-105

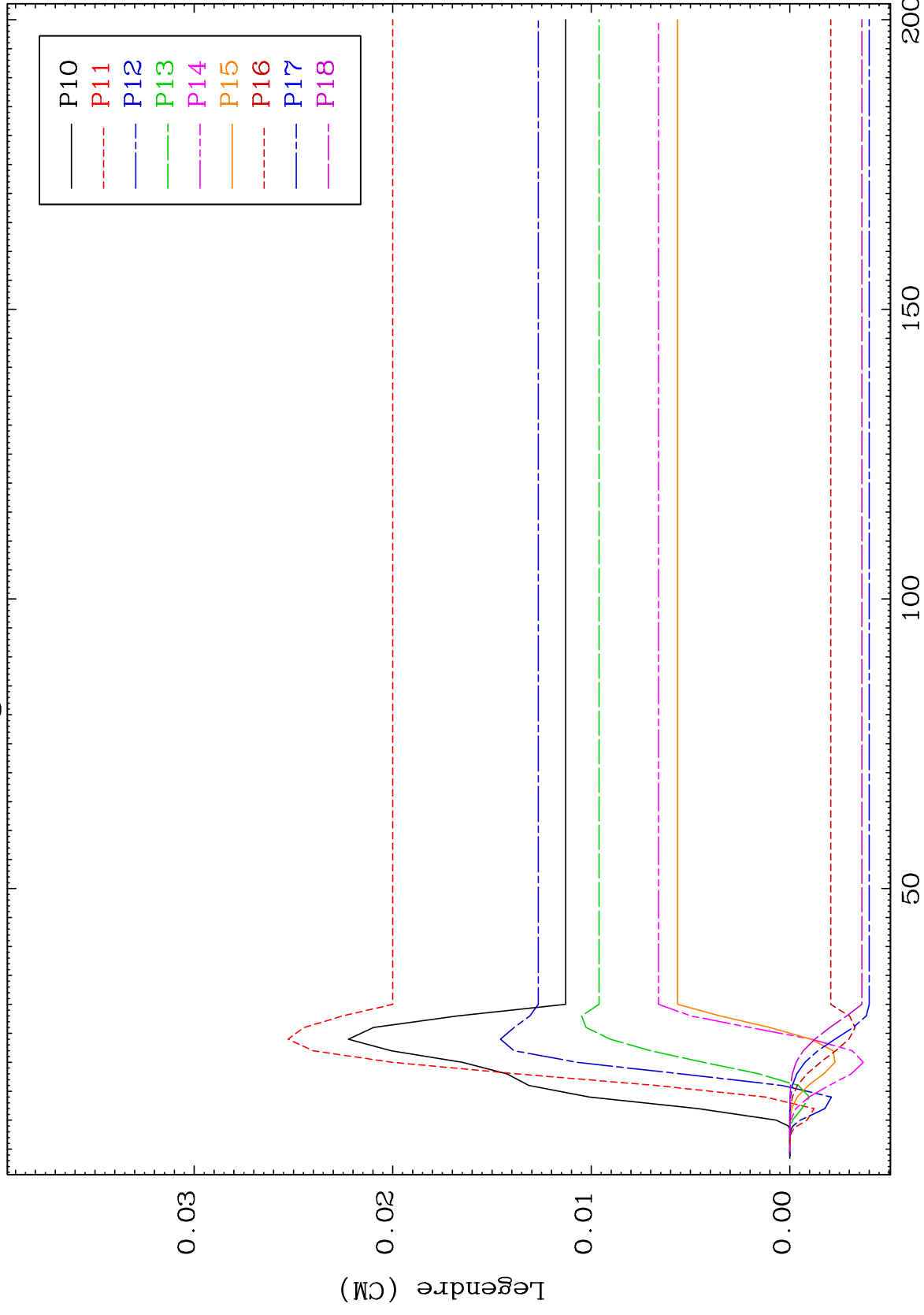


103

MAT 4901

MT= 72 (n,n') Level
Legendre Coefficients

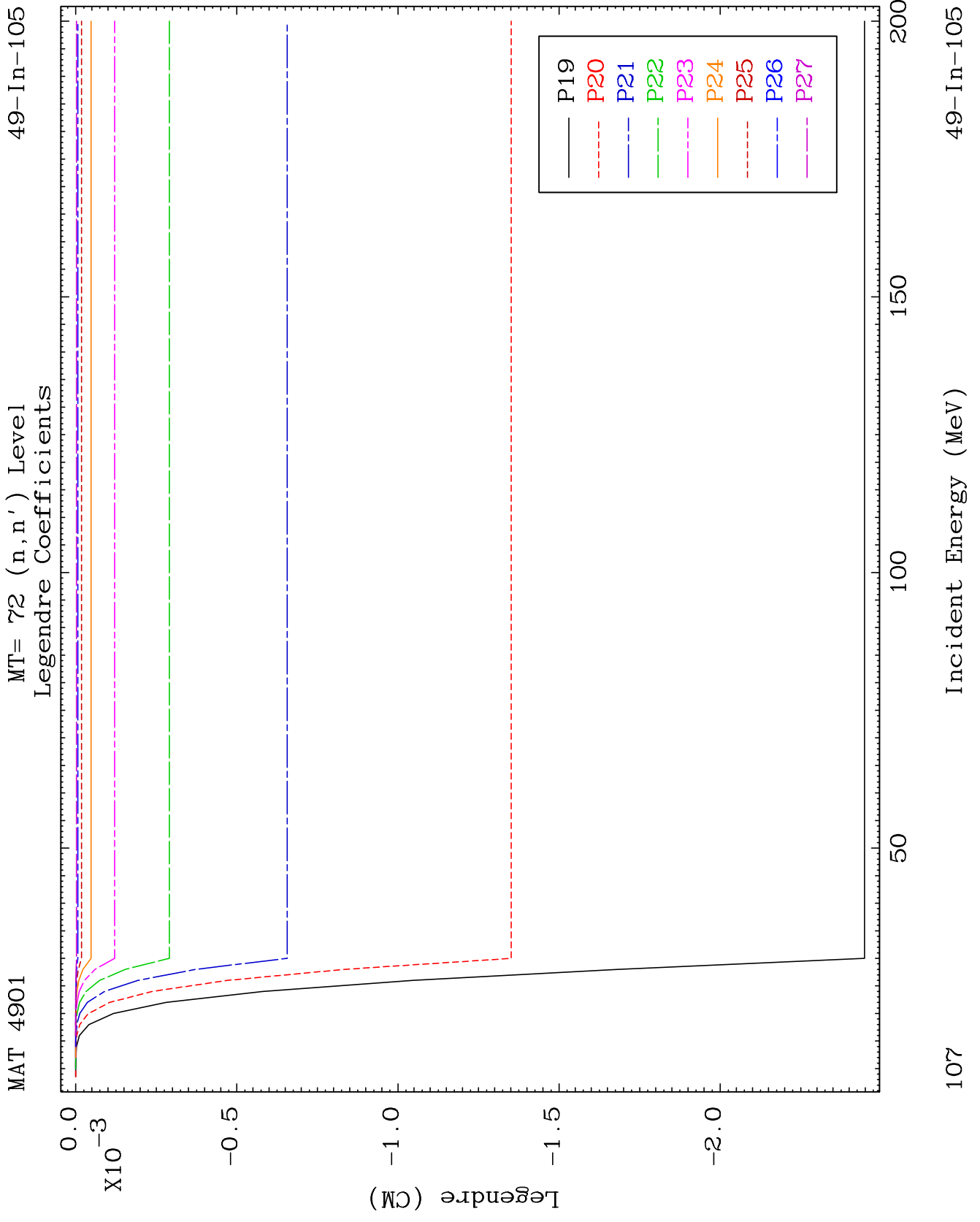
49-In-105

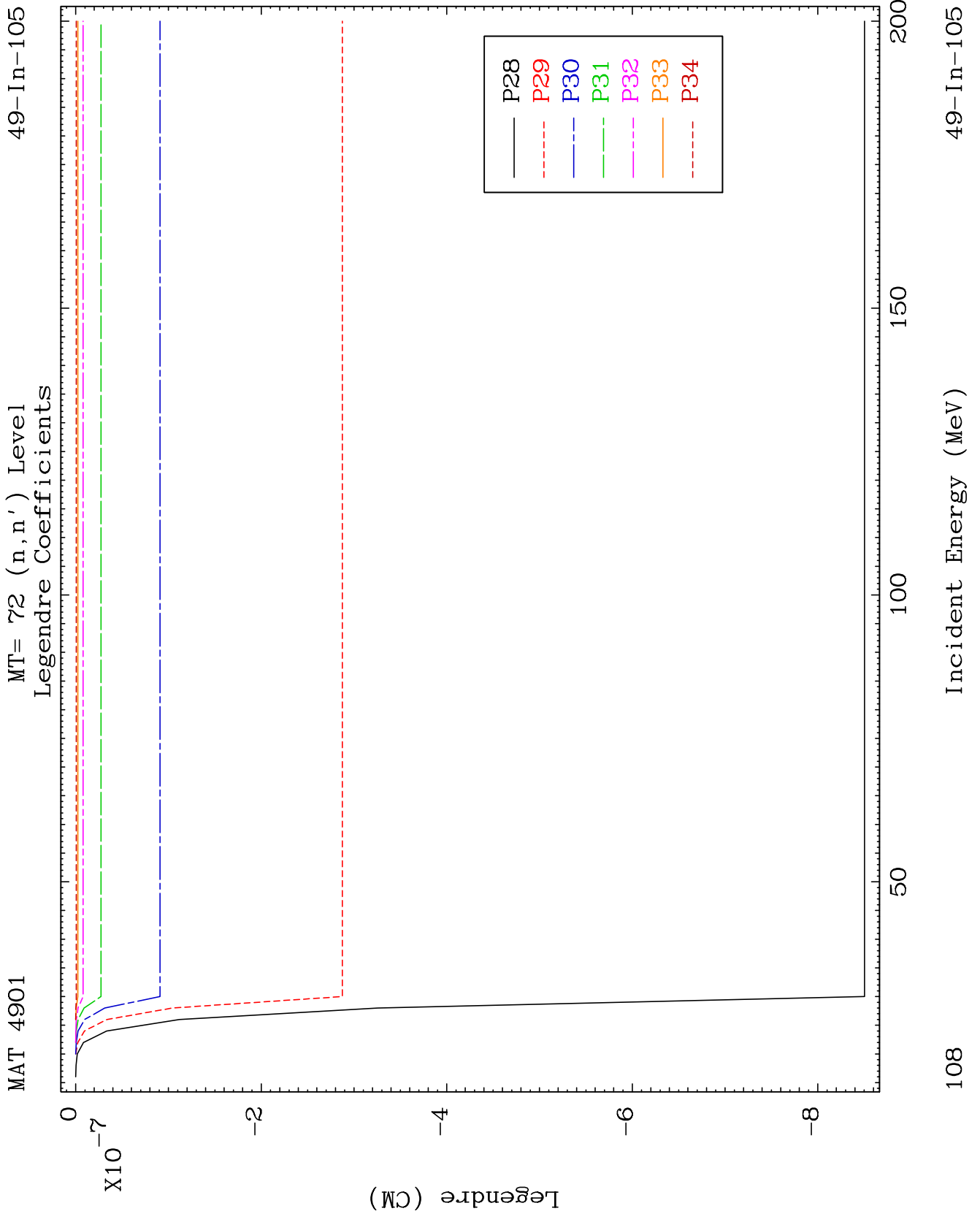


106

Incident Energy (MeV)

49-In-105

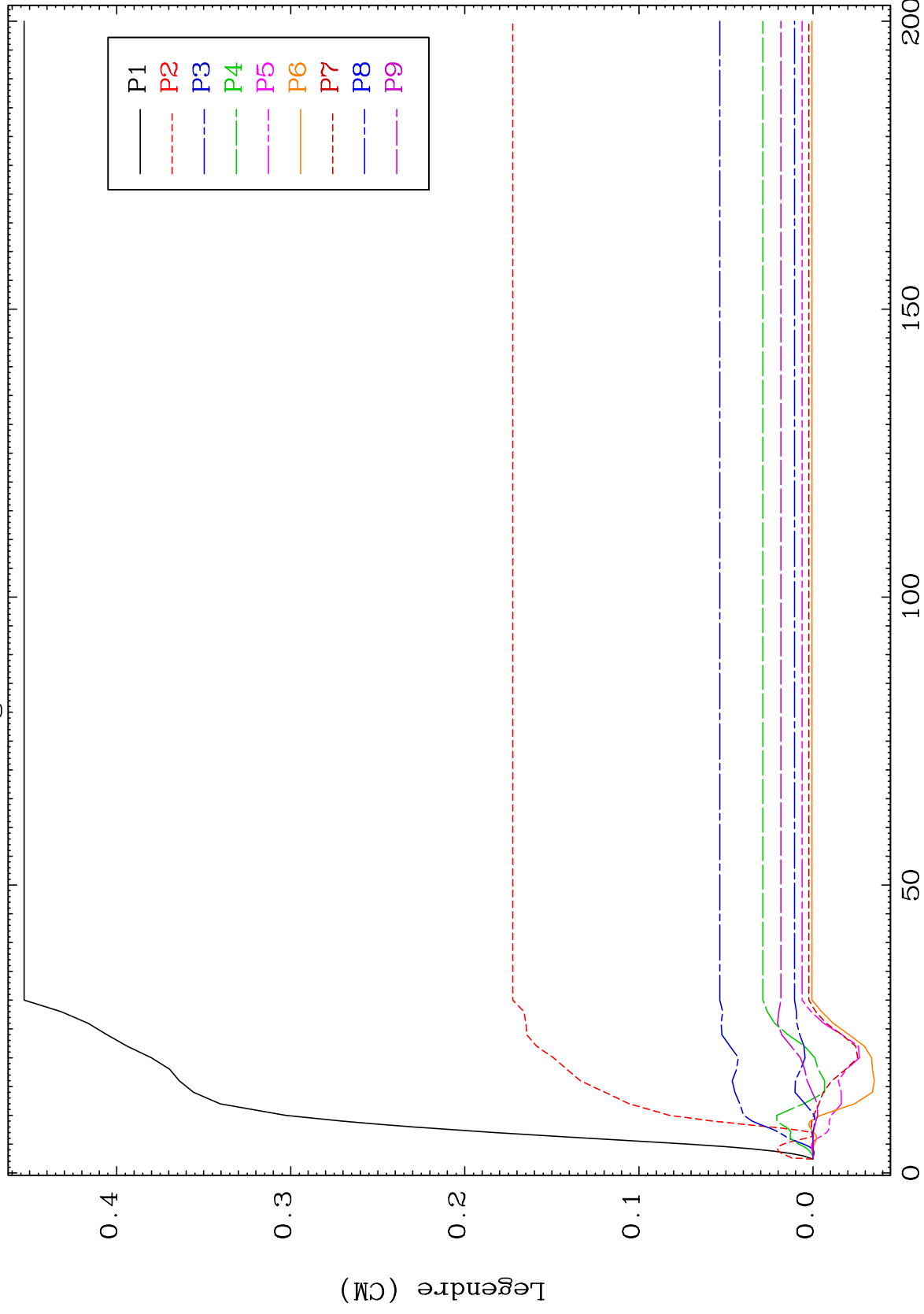




MAT 4901

MT= 73 (n,n') Level
Legendre Coefficients

49-In-105



109

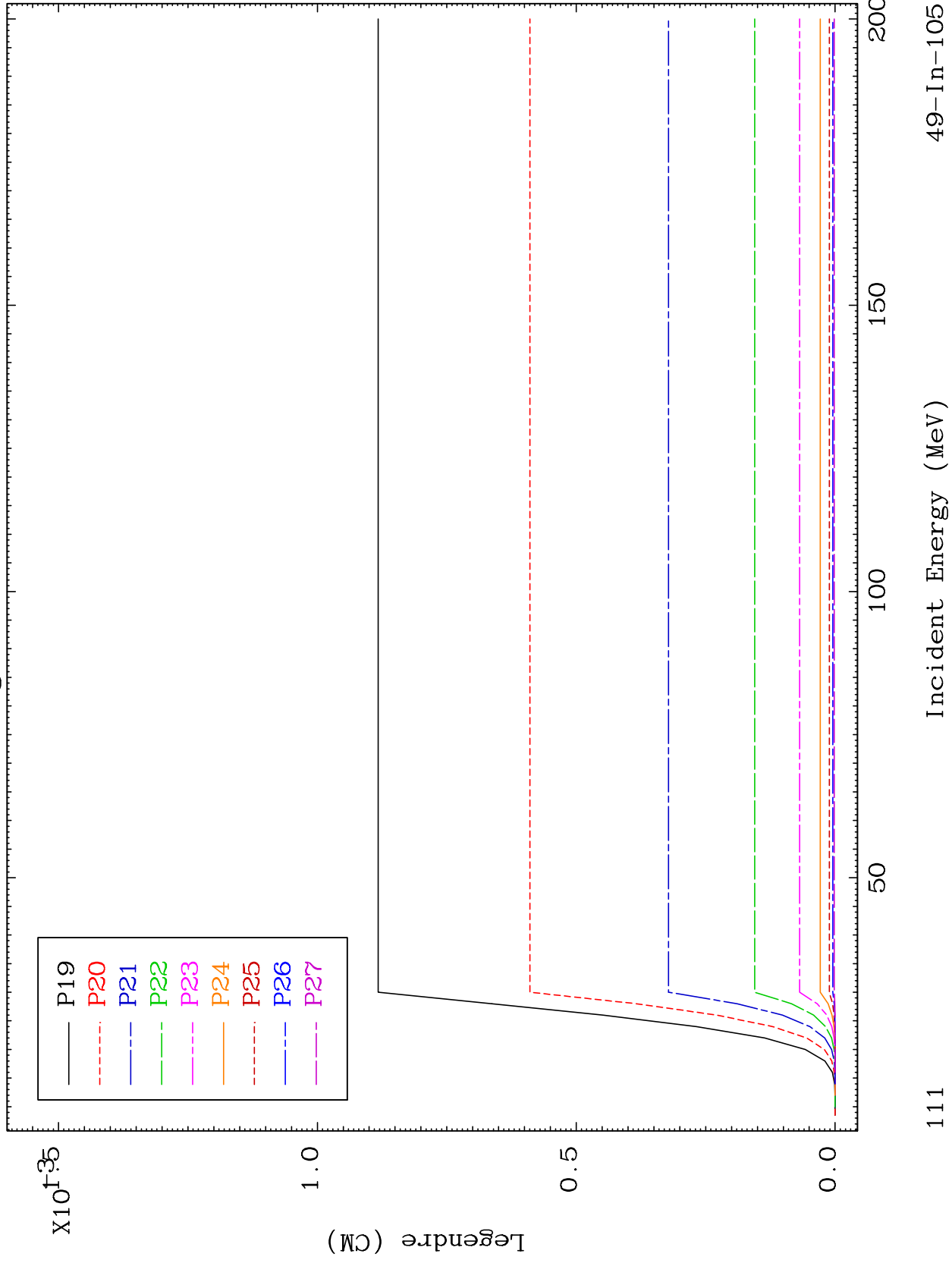
Incident Energy (MeV)

49-In-105

MAT 4901

MT= 73 (n,n') Level
Legendre Coefficients

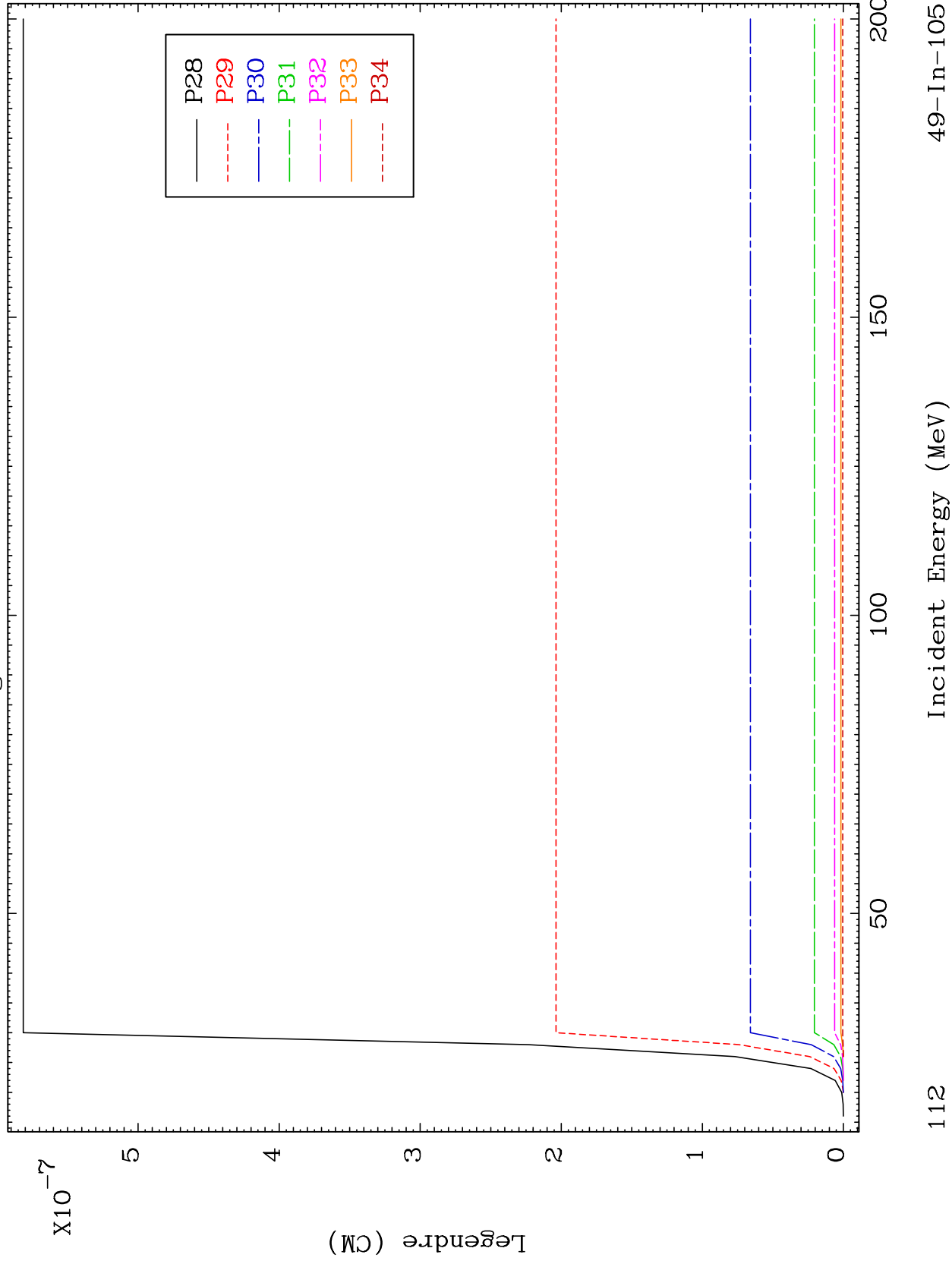
49-In-105



MAT 4901

MT= 73 (n,n') Level
Legendre Coefficients

49-In-105

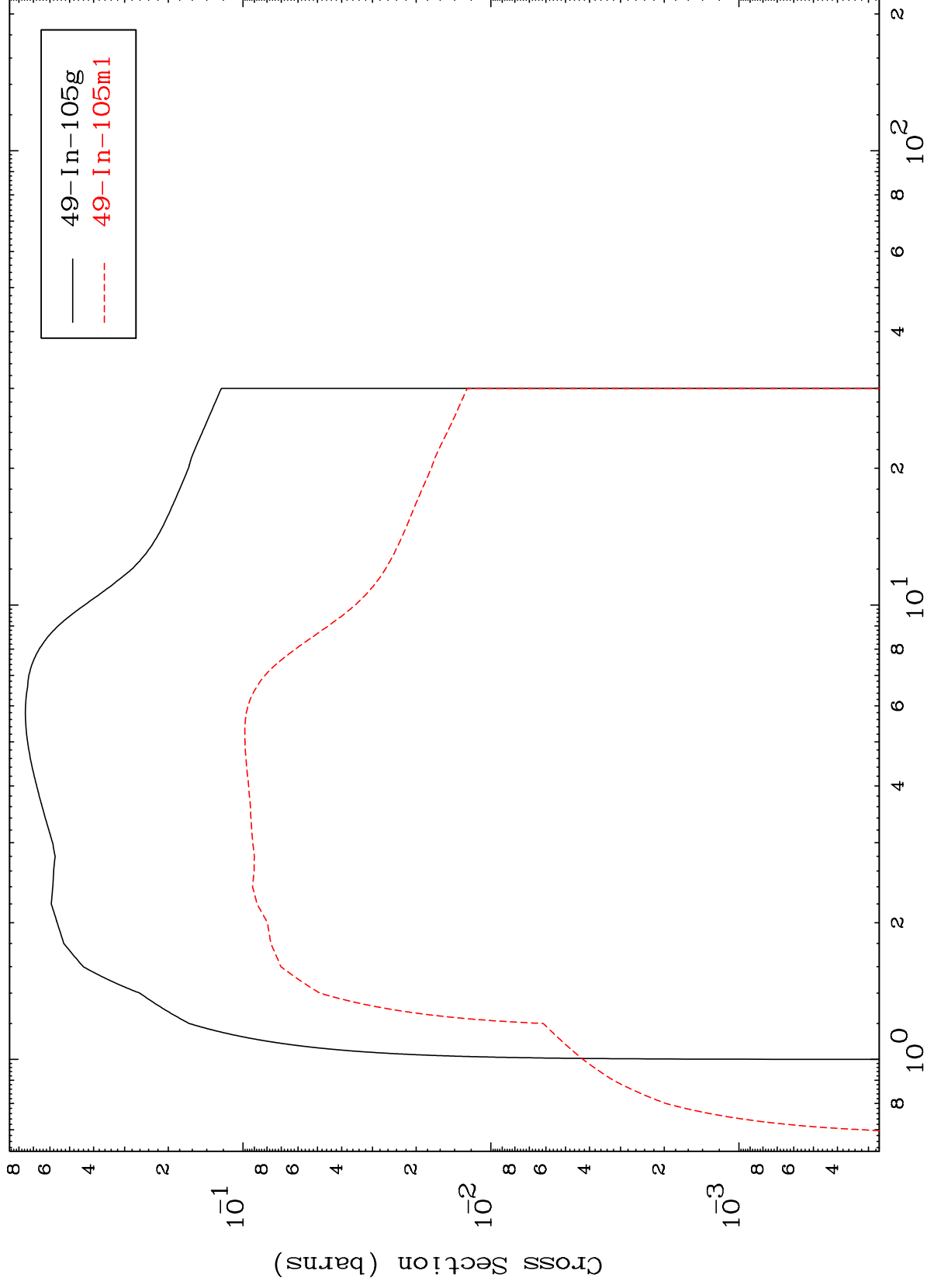


112

MAT 4901

49-In-105

Inelastic
Radionuclide Production Cross Section



113

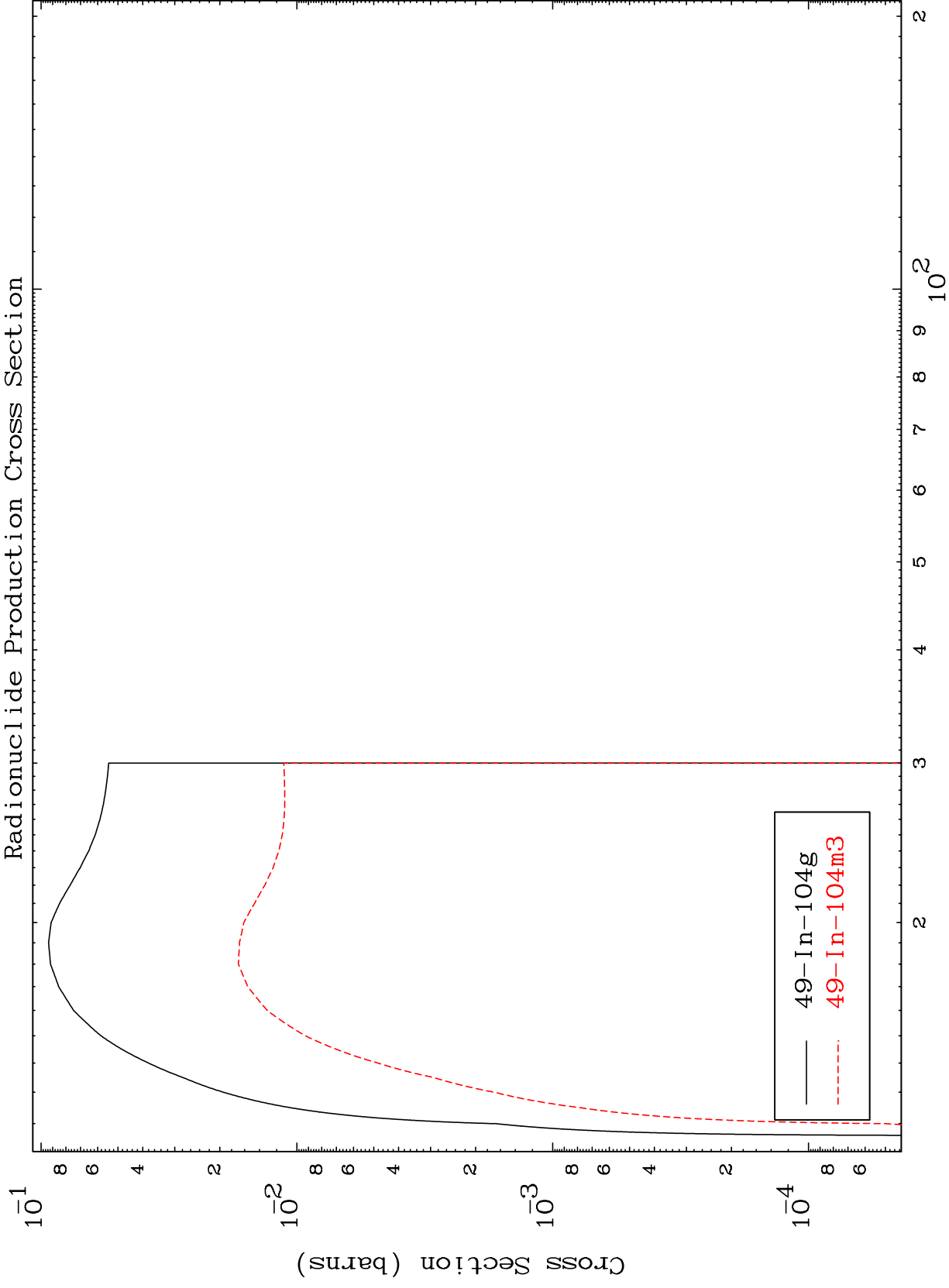
Incident Energy (MeV)

49-In-105

MAT 4901

49-In-105

(n,2n)
Radionuclide Production Cross Section



114

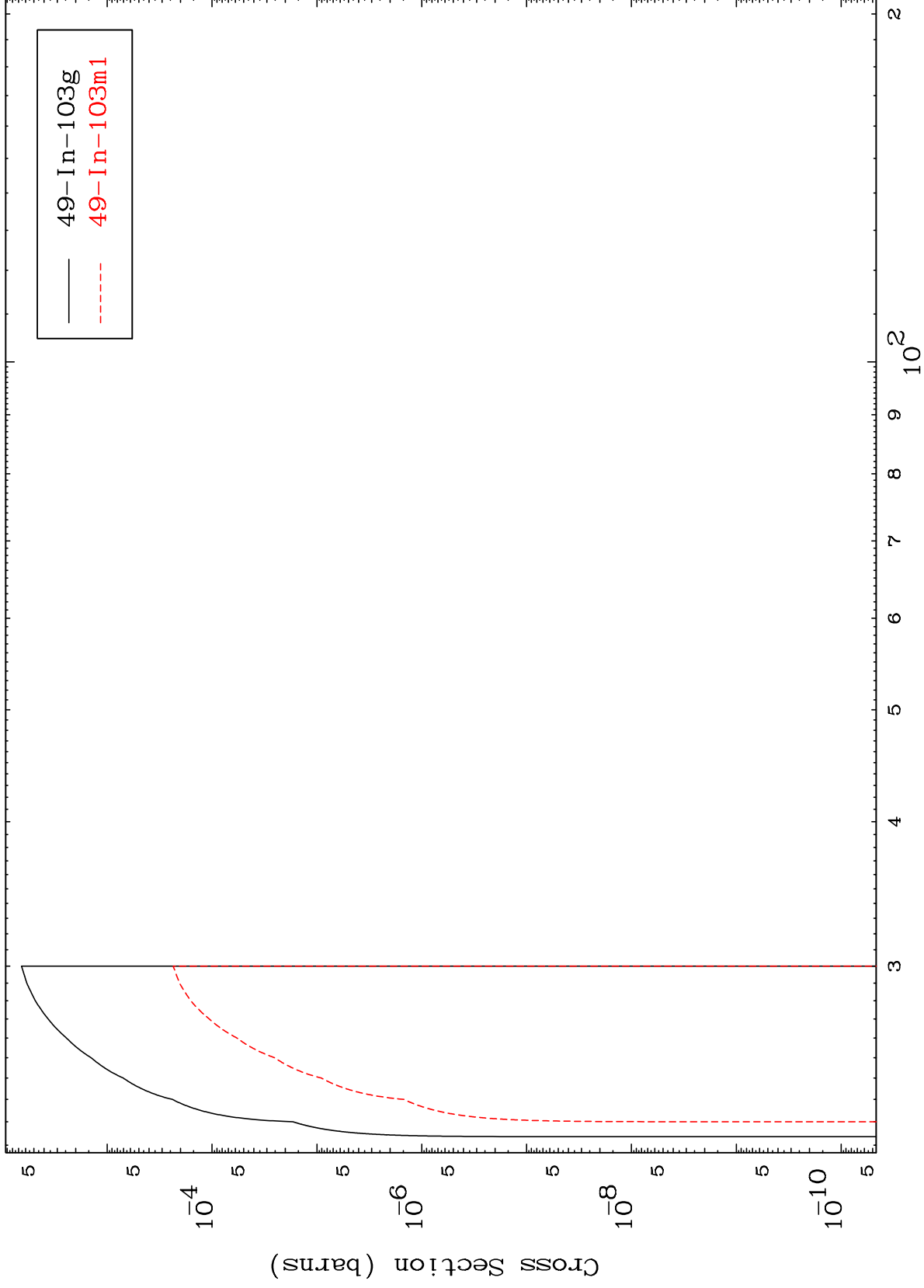
Incident Energy (MeV)

49-In-105

MAT 4901

49-In-105

(n,3n)
Radionuclide Production Cross Section



115

Incident Energy (MeV)

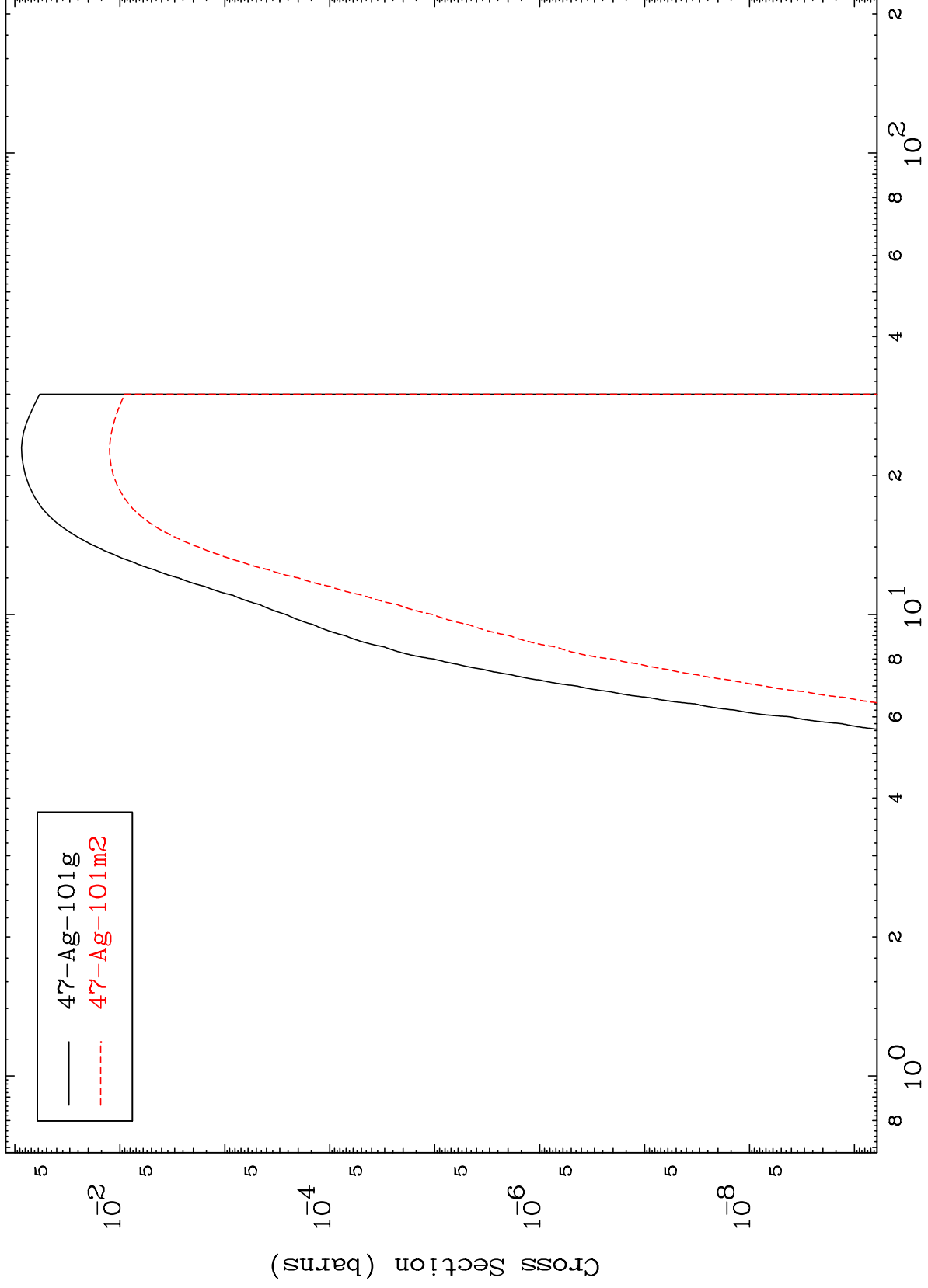
49-In-105

MAT 4901

(n,n') α

49-In-105

Radionuclide Production Cross Section



116

Incident Energy (MeV)

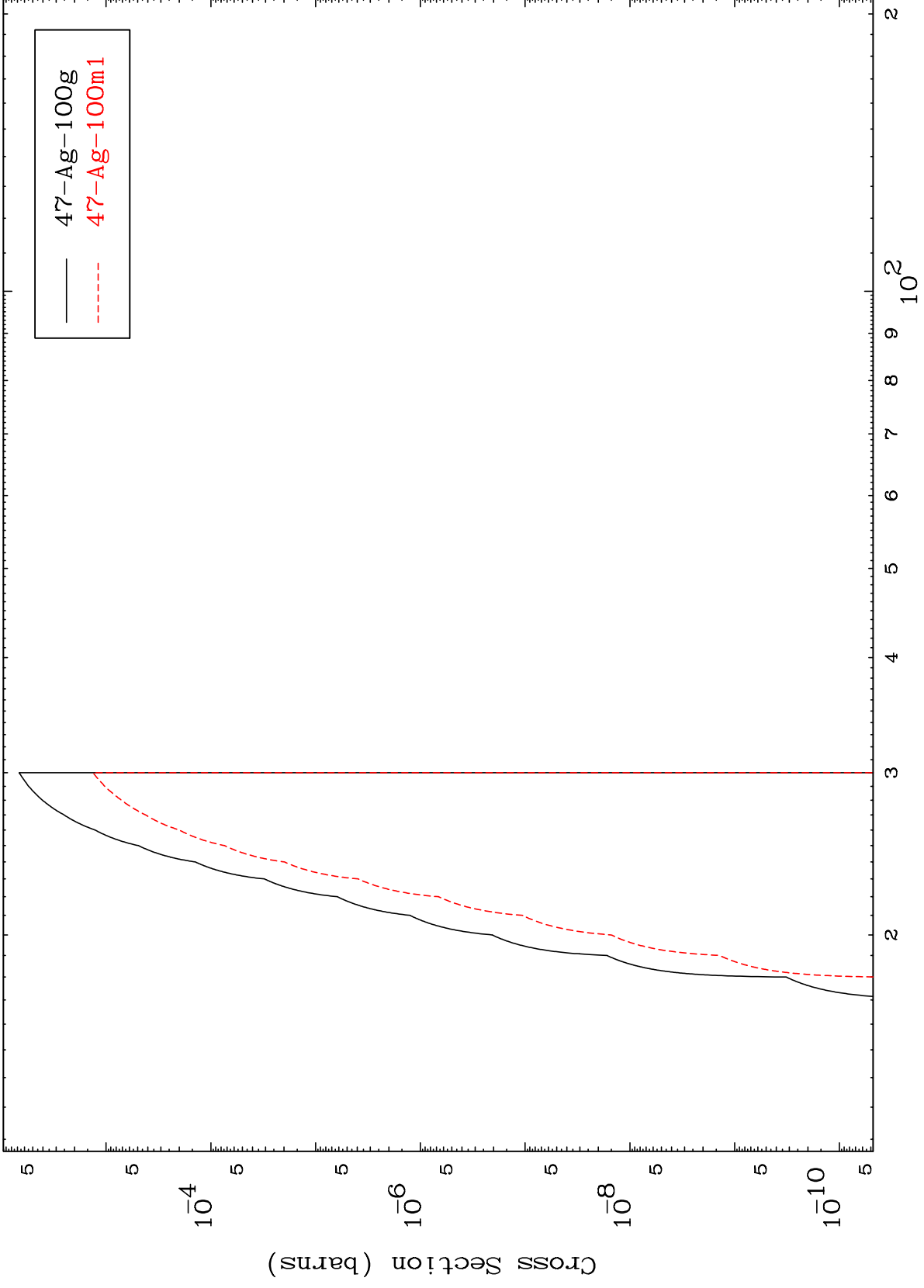
49-In-105

MAT 4901

$(n,2n) \alpha$

49-In-105

Radionuclide Production Cross Section



117

Incident Energy (MeV)

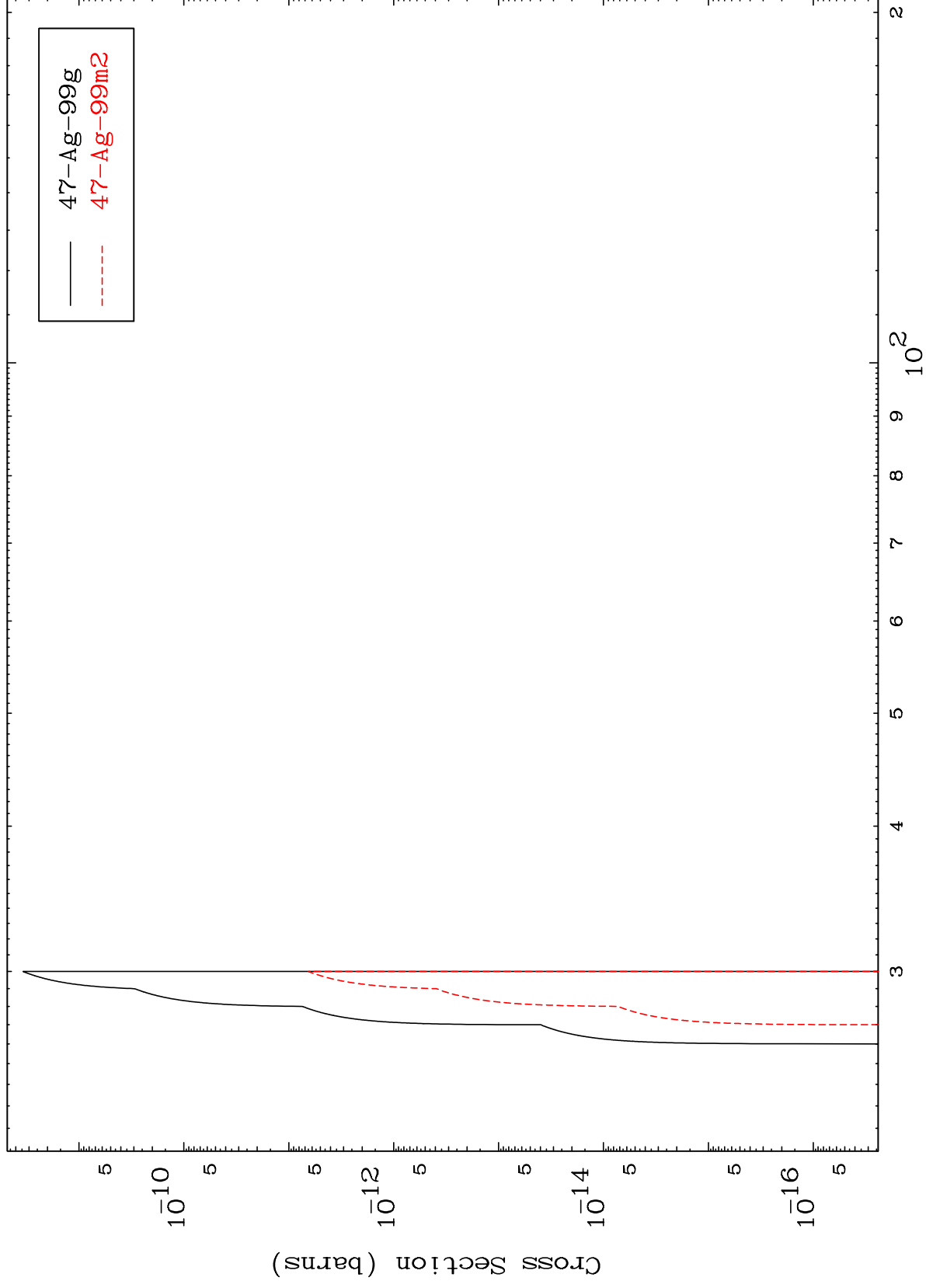
49-In-105

MAT 4901

(n,3n) α

49-In-105

Radionuclide Production Cross Section



118

Incident Energy (MeV)

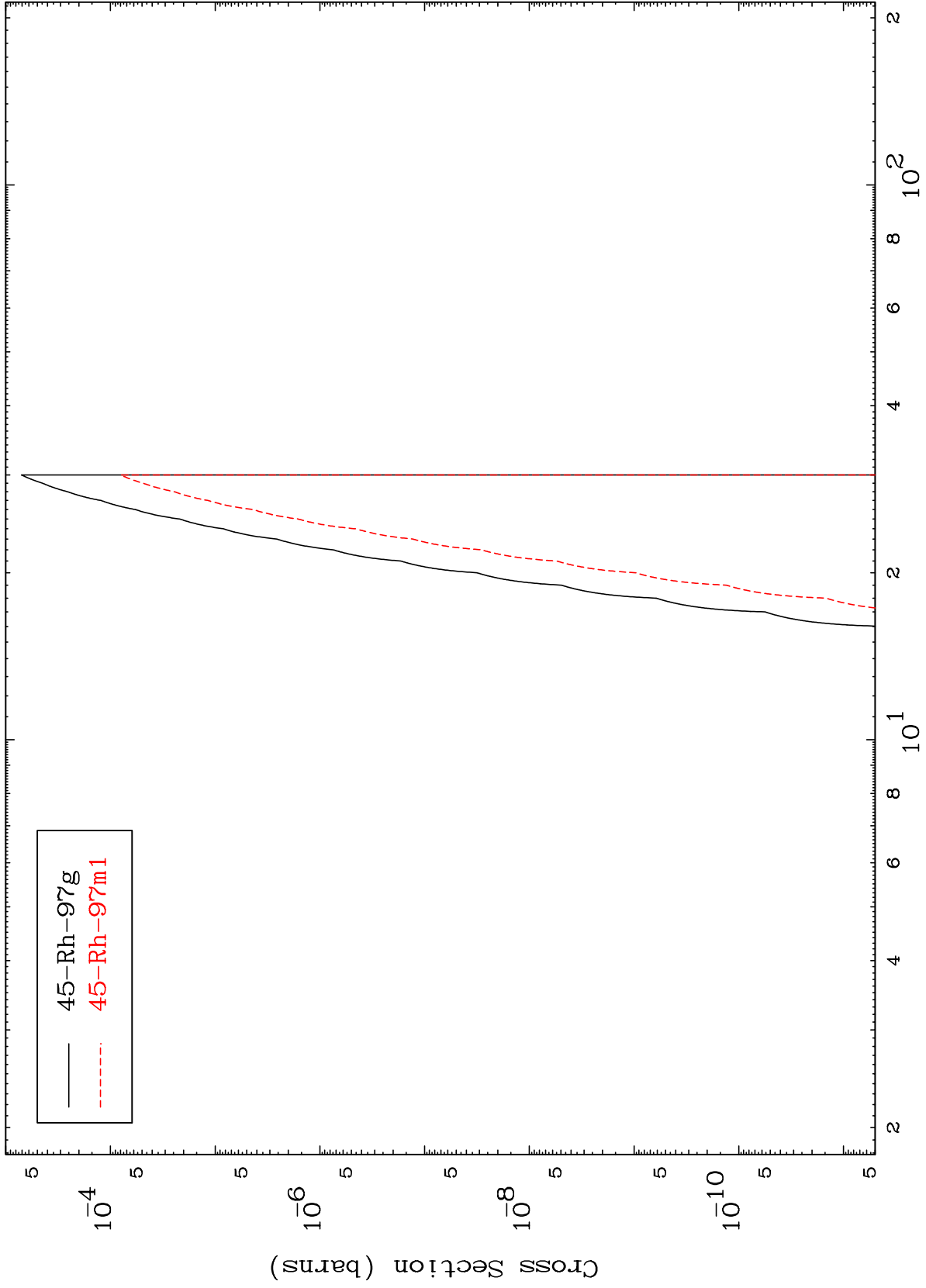
49-In-105

MAT 4901

(n,n') 2α

49-In-105

Radionuclide Production Cross Section



119

Incident Energy (MeV)

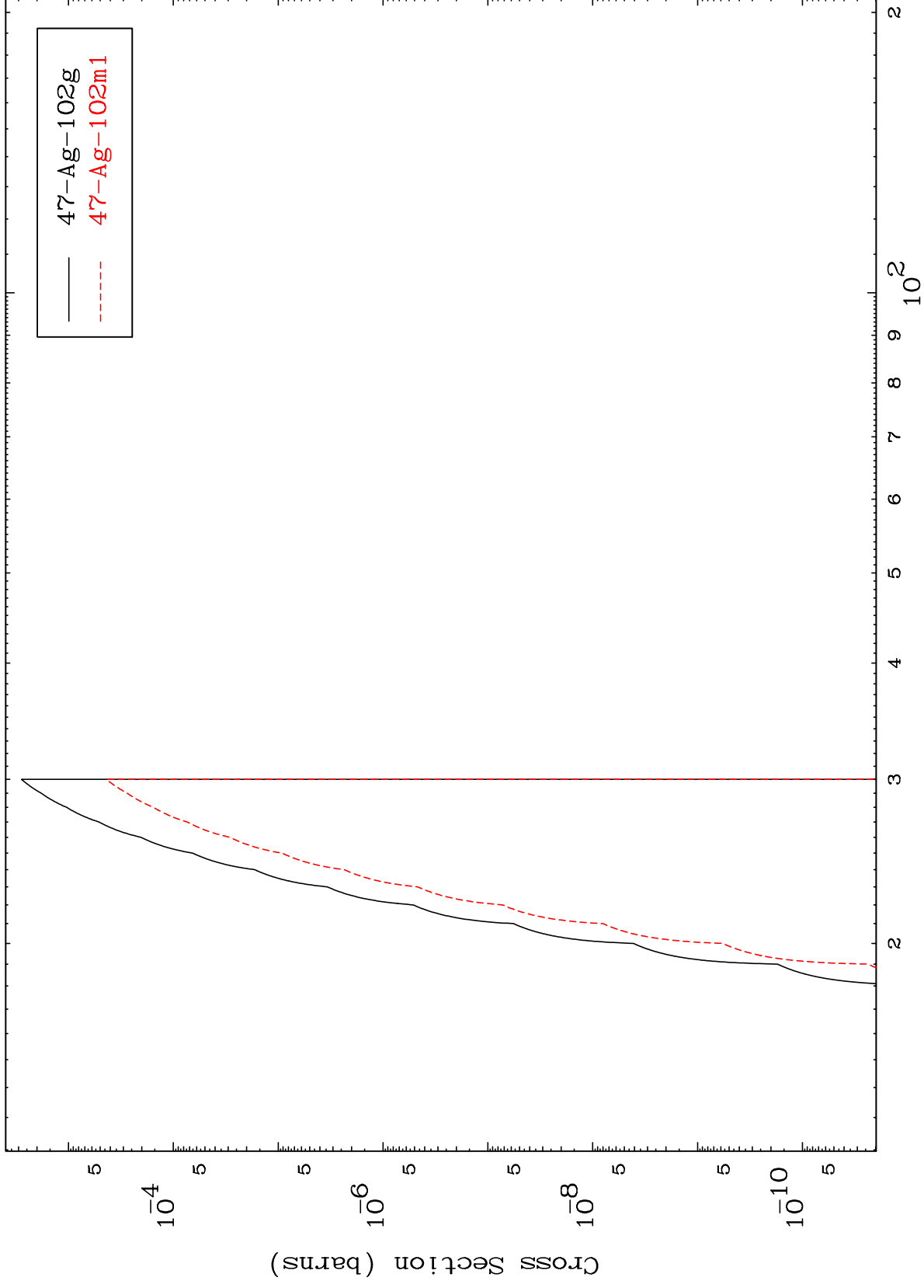
49-In-105

MAT 4901

(n,n') He-3

49-In-105

Radionuclide Production Cross Section



120

Incident Energy (MeV)

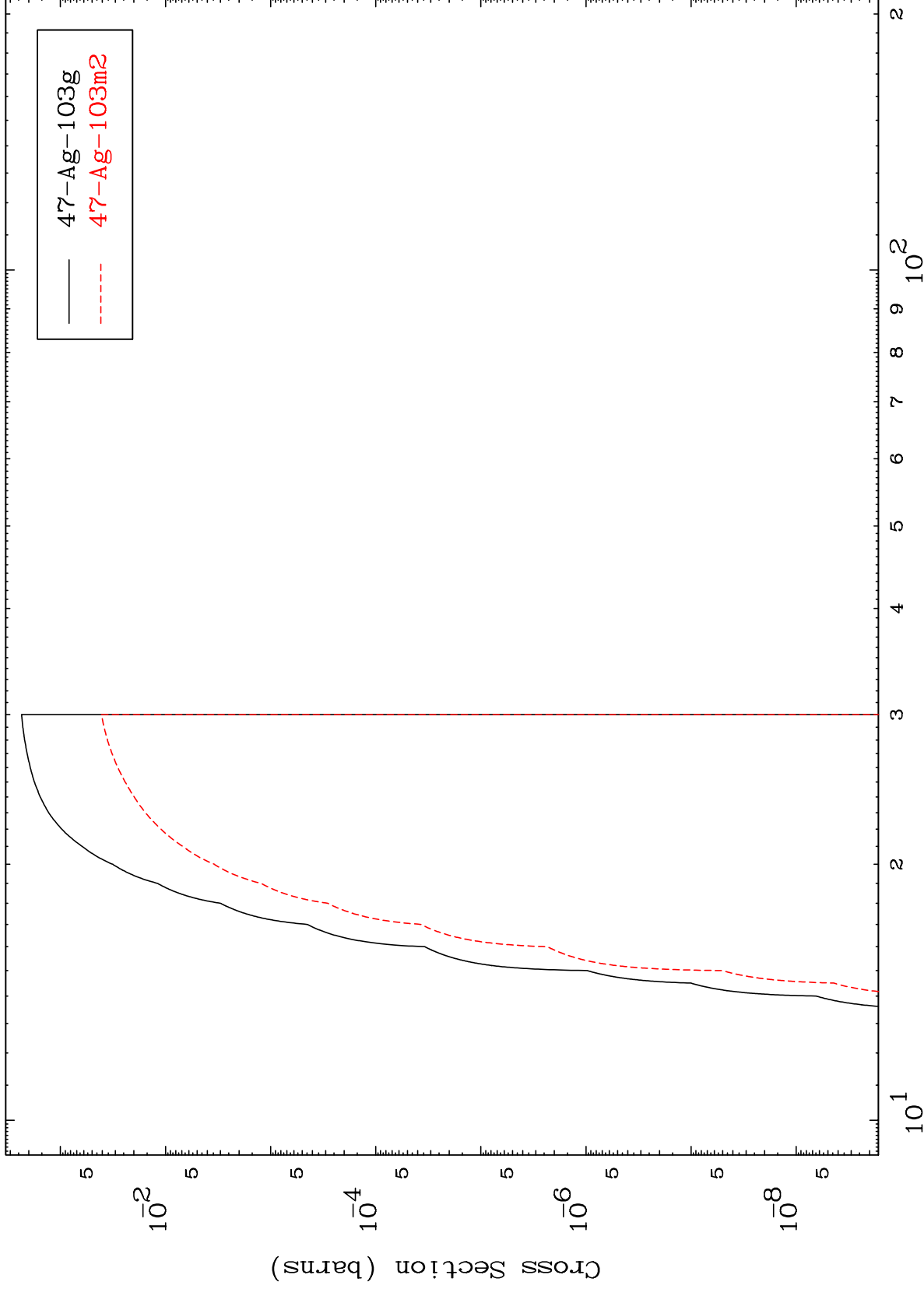
49-In-105

MAT 4901

(n,2n) p

49-In-105

Radionuclide Production Cross Section



121

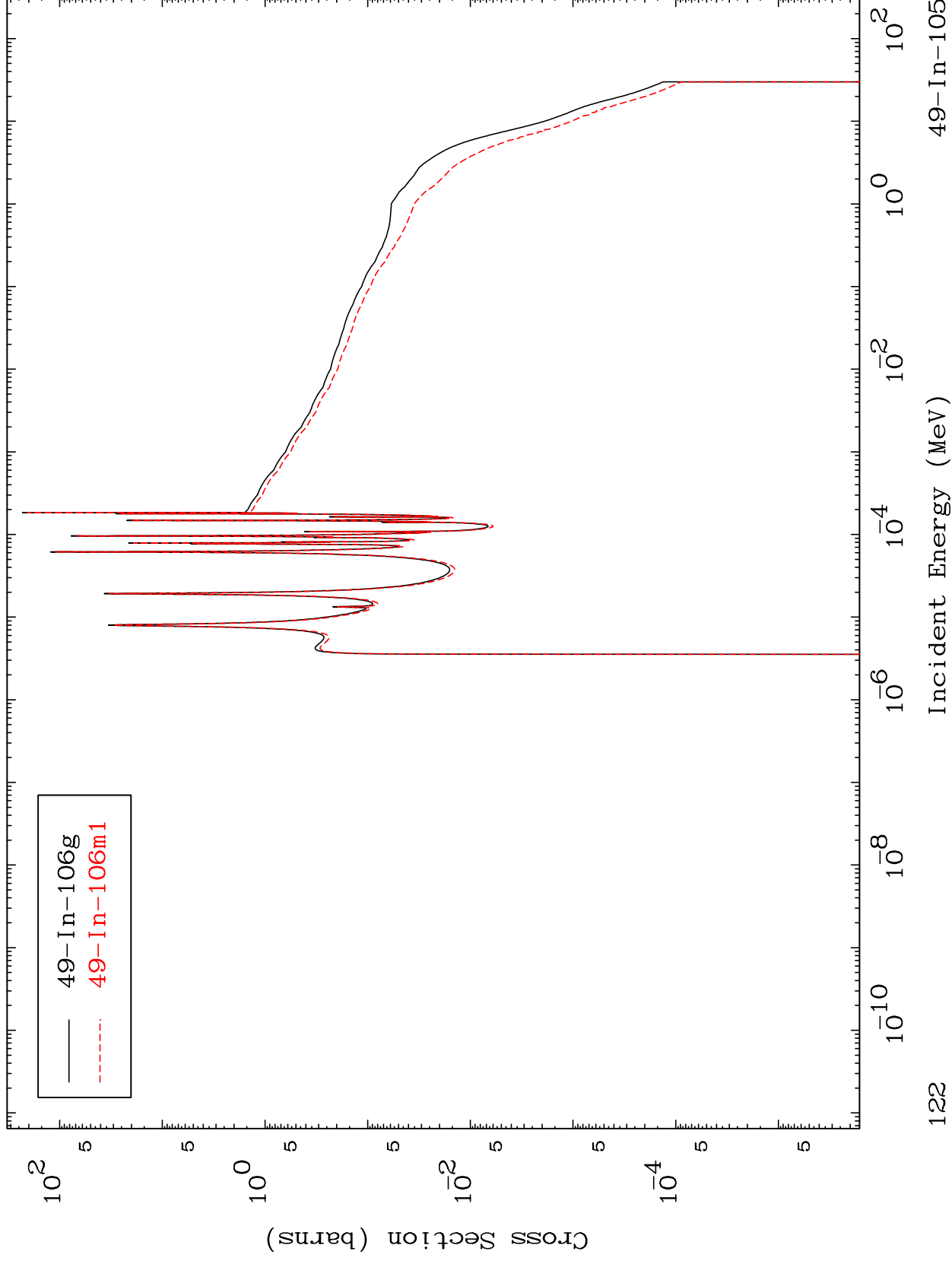
Incident Energy (MeV)

49-In-105

MAT 4901

49-In-105

(n, γ)
Radionuclide Production Cross Section

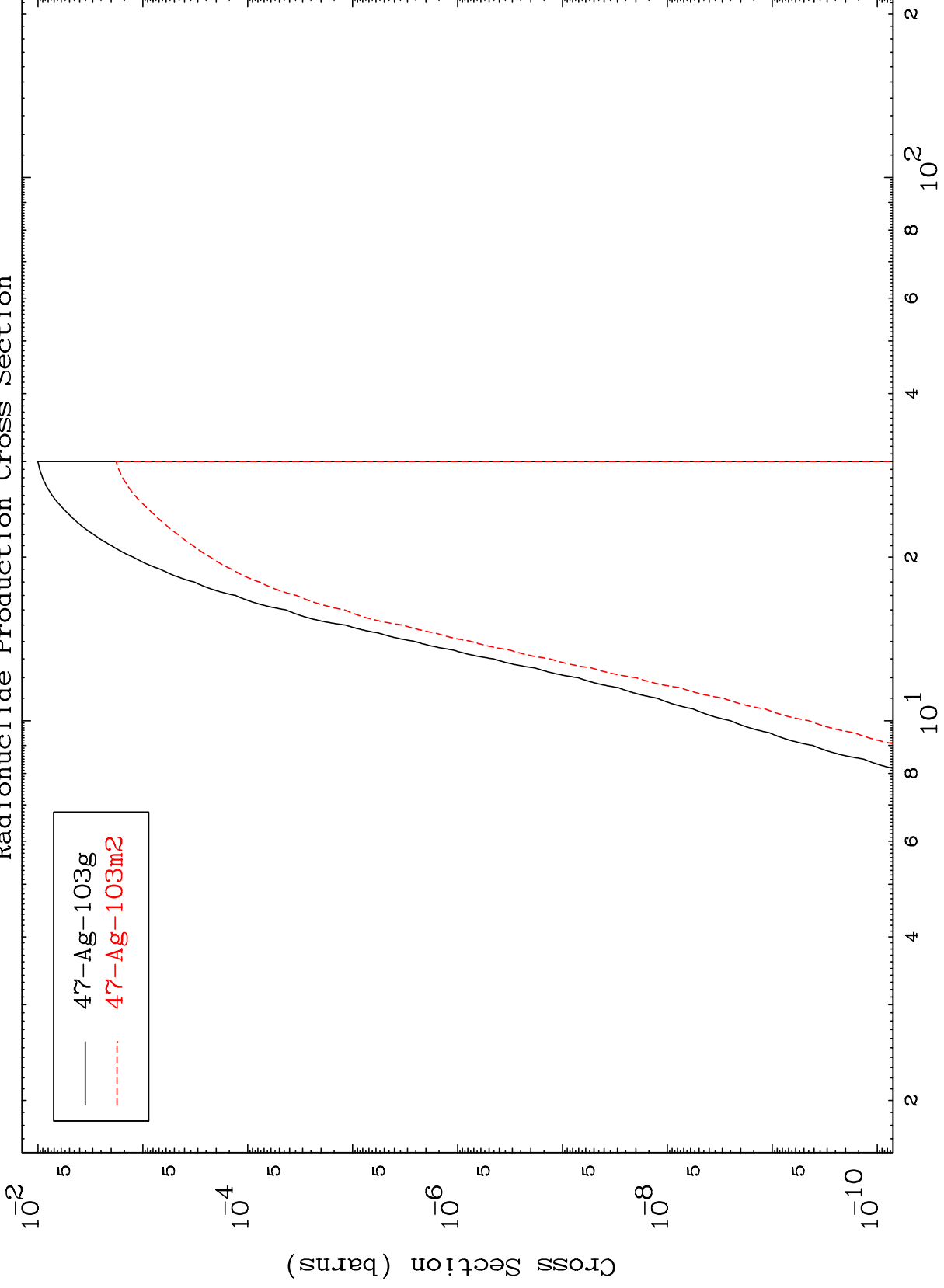


MAT 4901

(n,He-3)

49-In-105

Radionuclide Production Cross Section



123

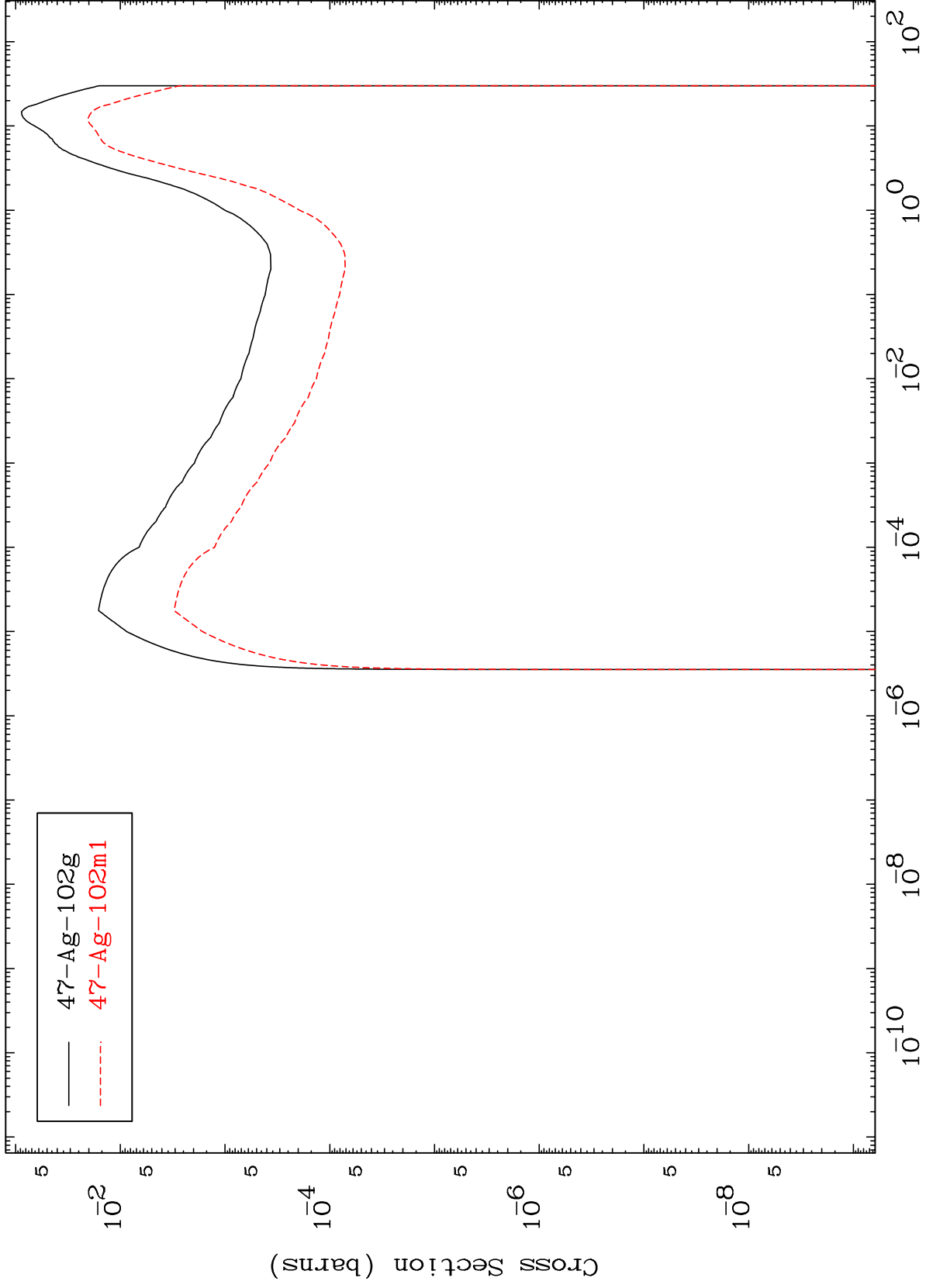
Incident Energy (MeV)

49-In-105

MAT 4901

49-In-105

(n, α)
Radionuclide Production Cross Section



124

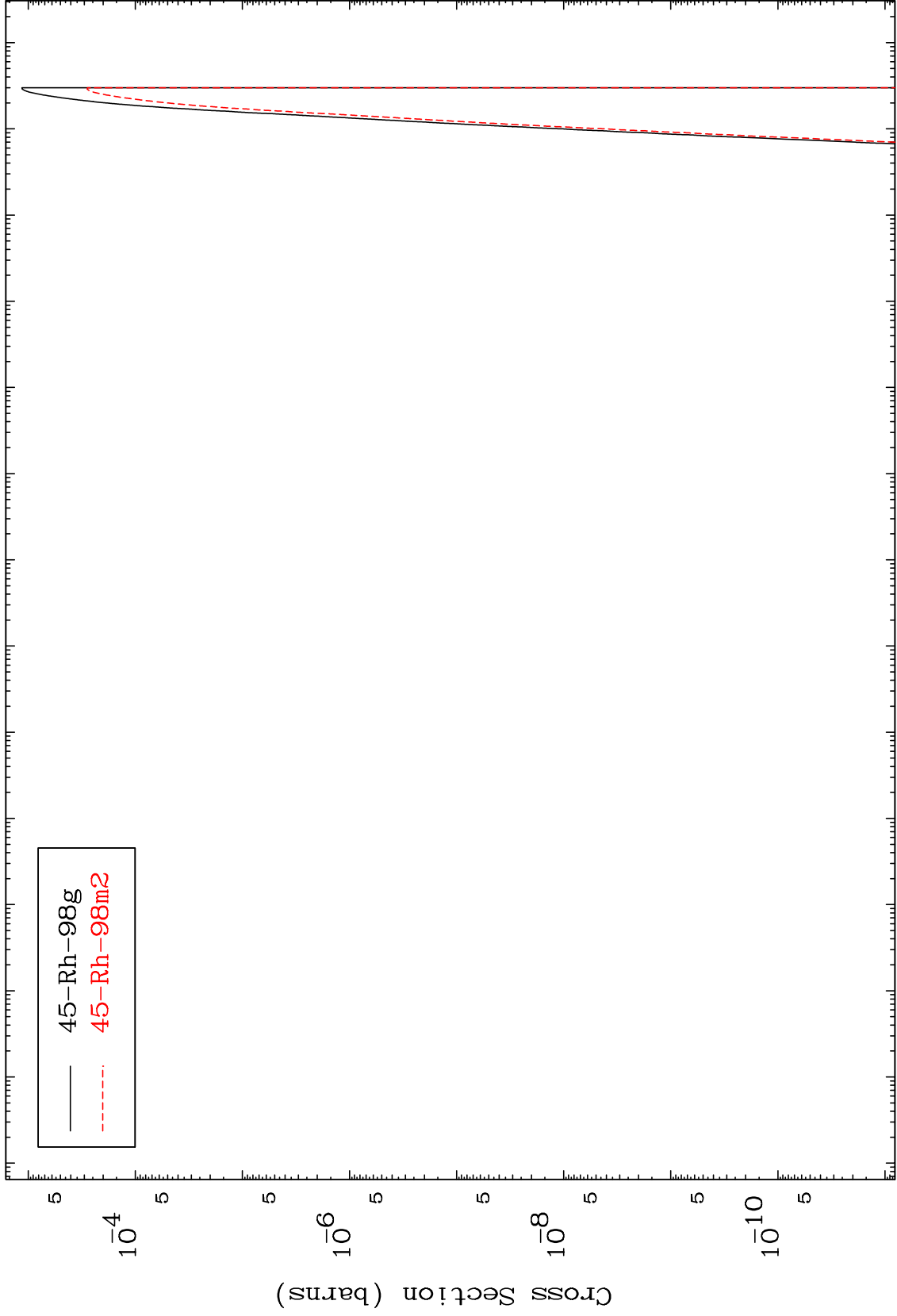
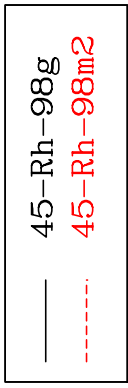
49-In-105

MAT 4901

(n,2α)

49-In-105

Radionuclide Production Cross Section

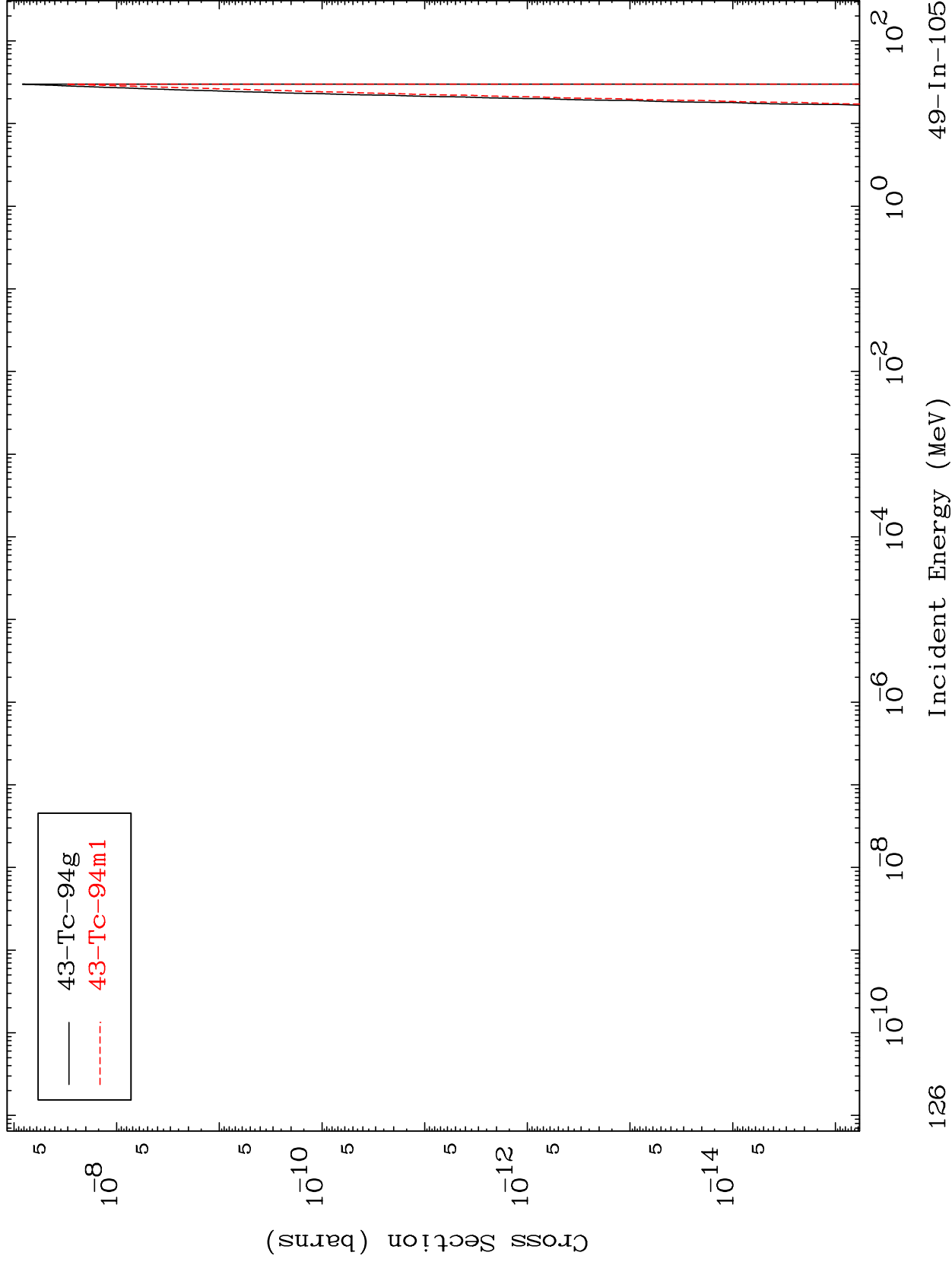


MAT 4901

(n,3 α)

49-In-105

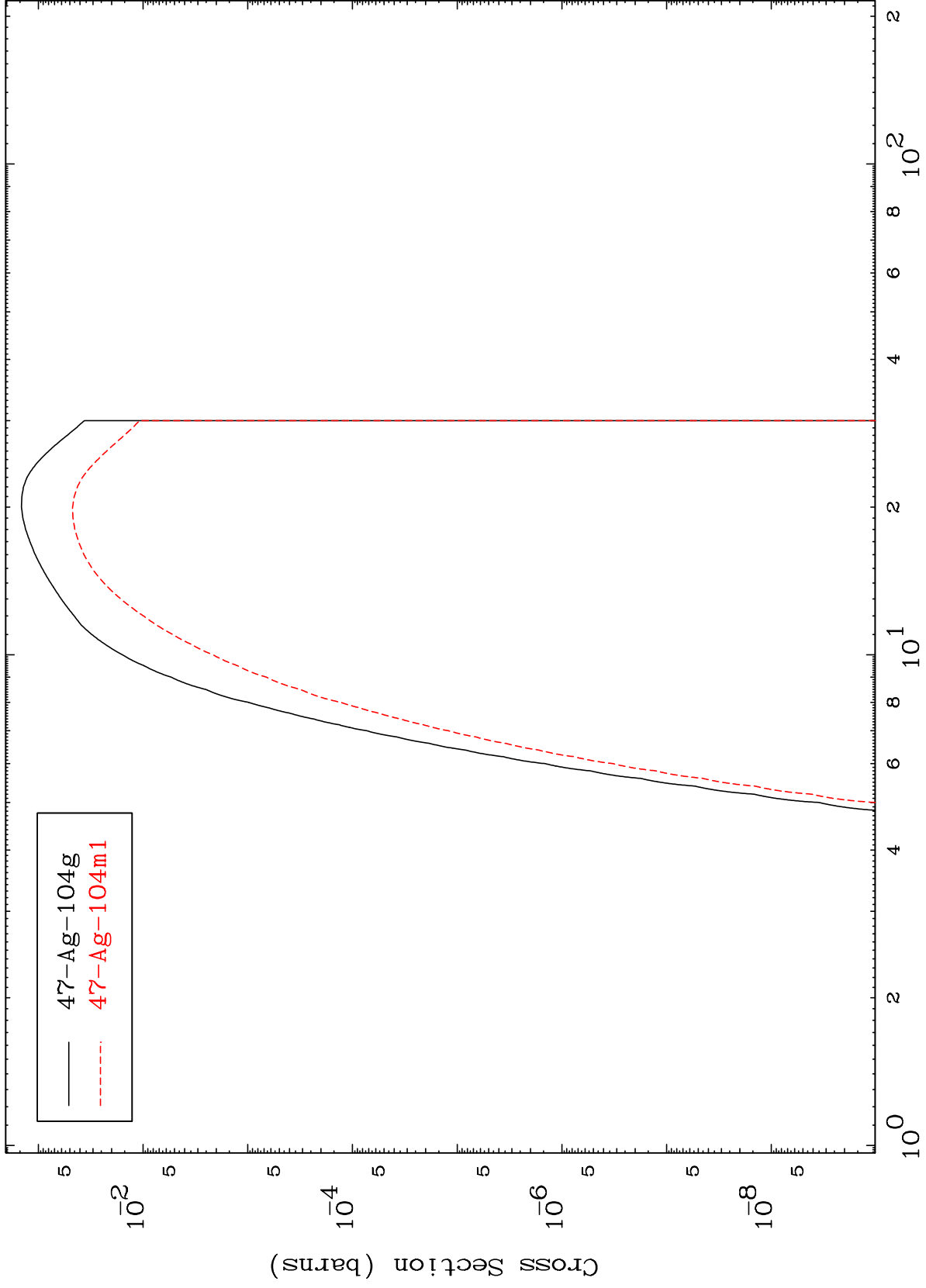
Radionuclide Production Cross Section



MAT 4901

49-In-105

(n,2p)
Radionuclide Production Cross Section



127

49-In-105

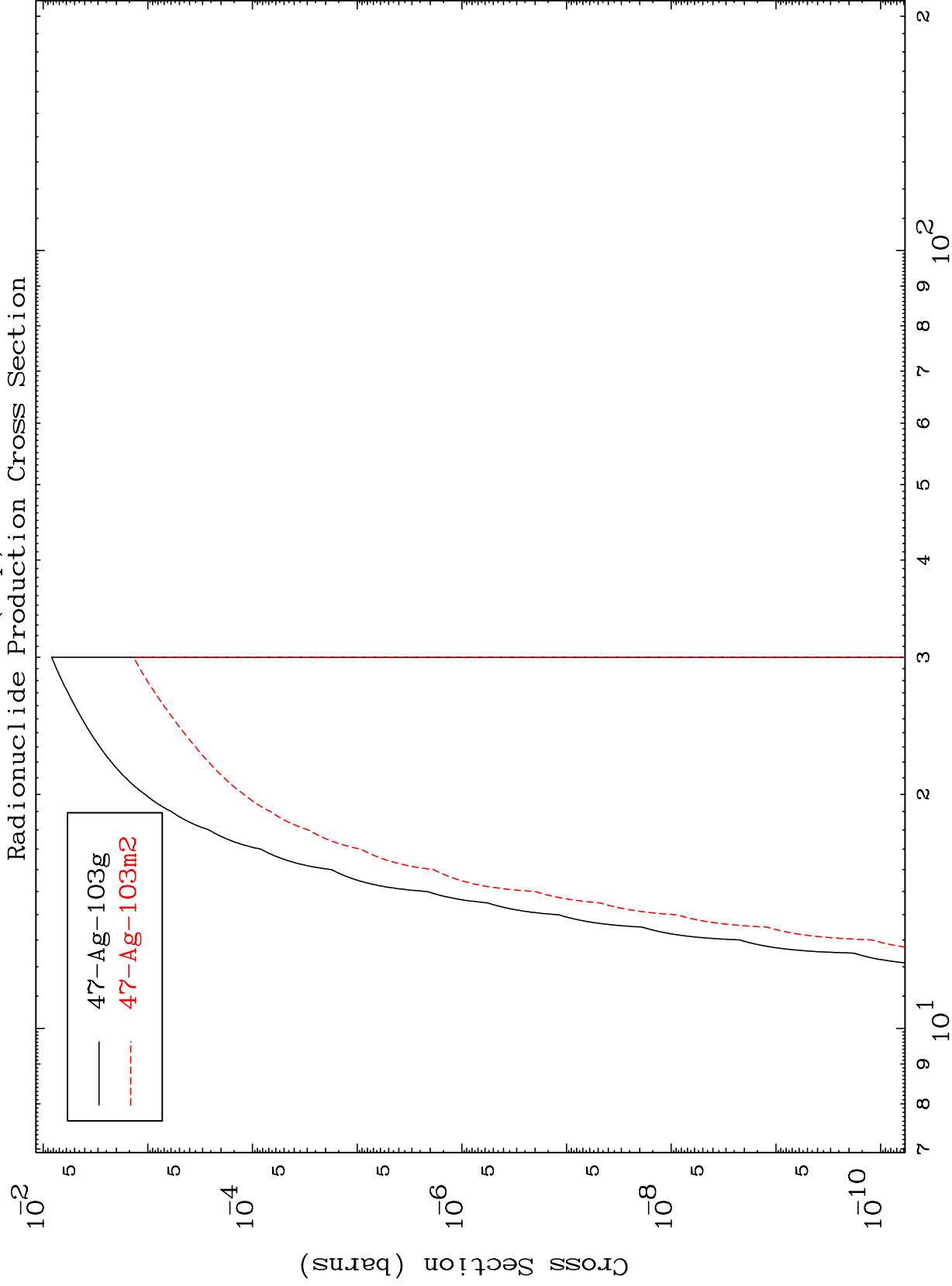
Incident Energy (MeV)

MAT 4901

(n,p) d

49-In-105

Radionuclide Production Cross Section



128

Incident Energy (MeV)

49-In-105

Radionuclide Production Cross Section

