

Program EVALPLOT
(Version 2017-1)

by

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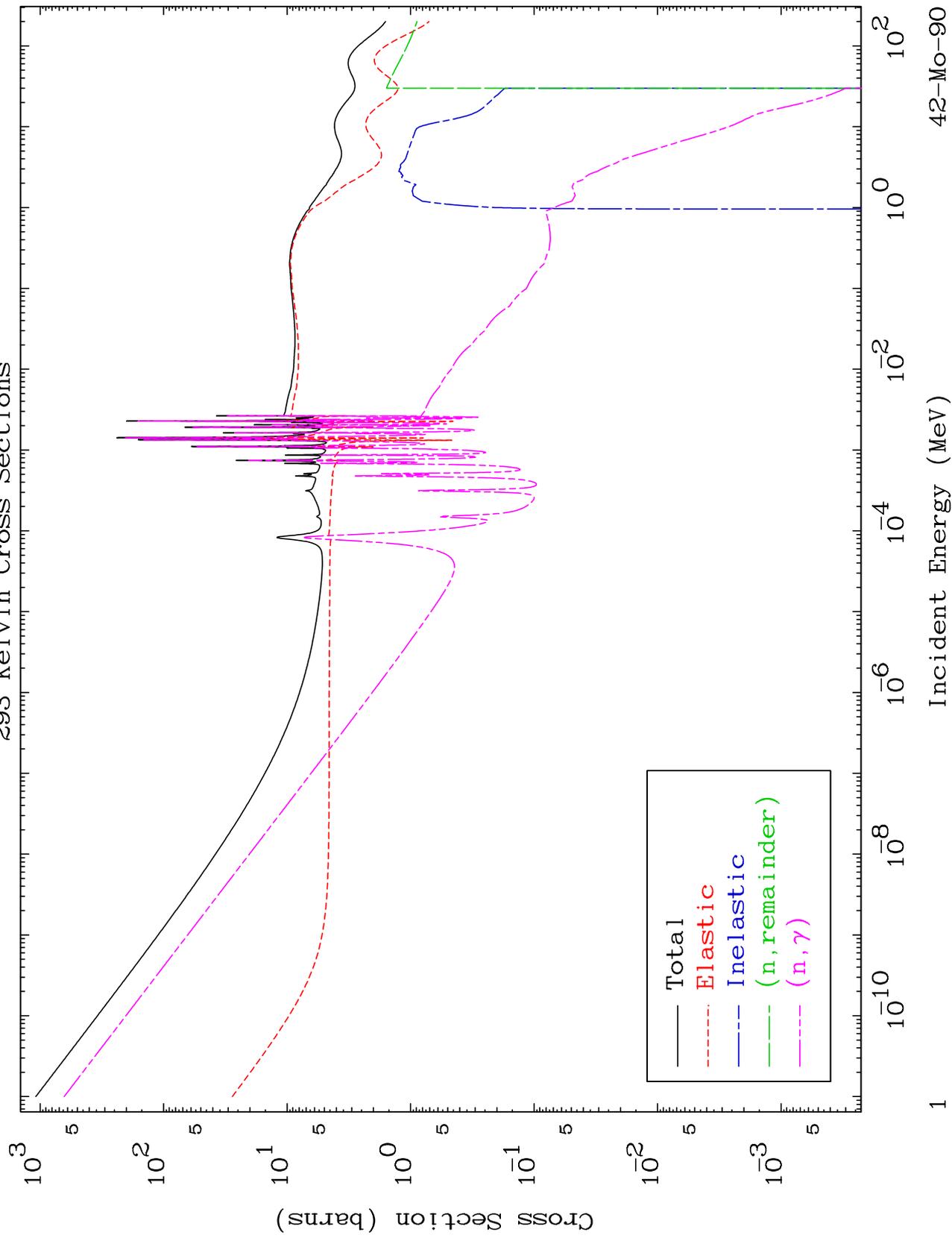
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MAT 4219

Major

293 Kelvin Cross Sections

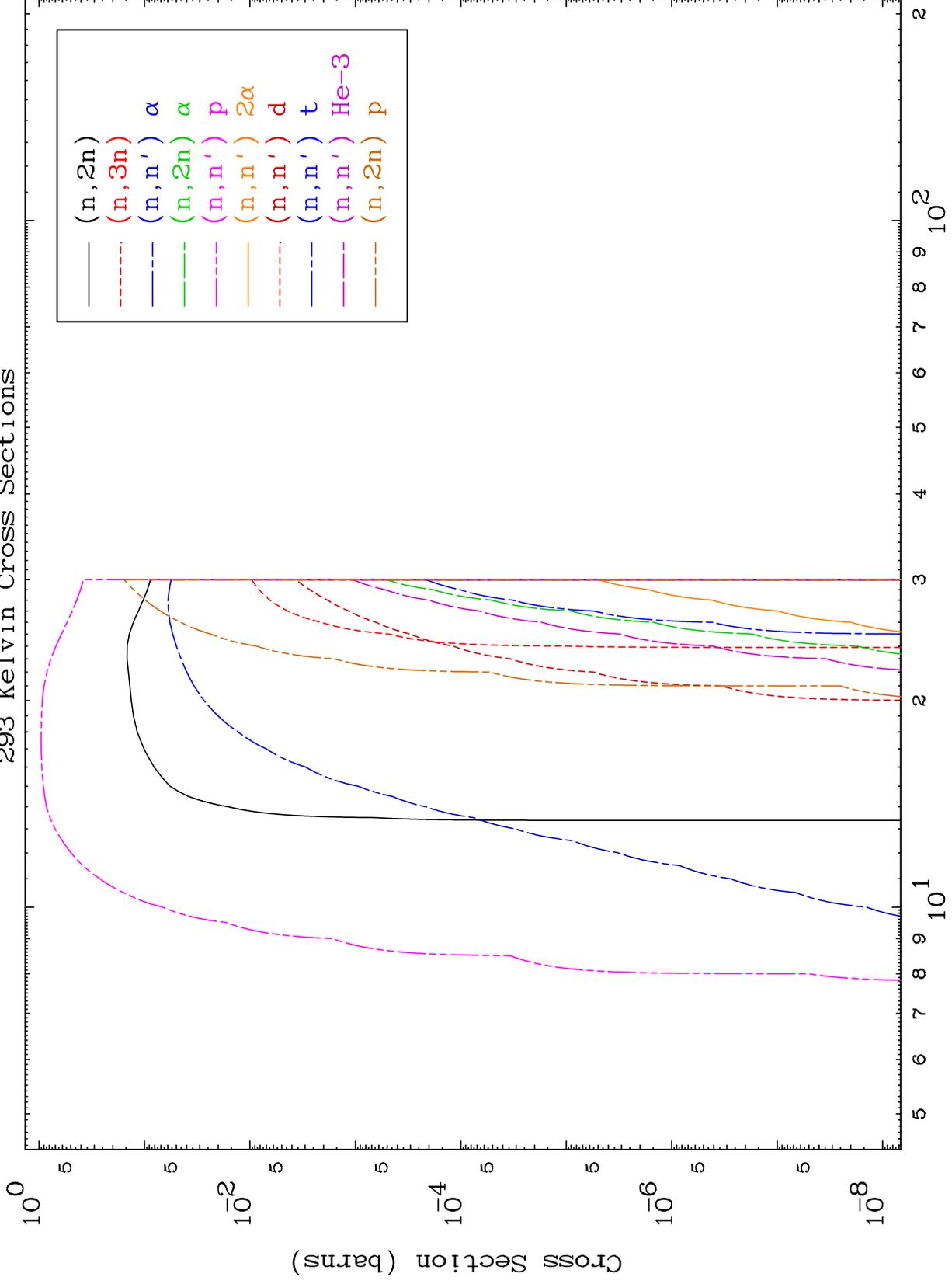
42-Mo-90



MAT 4219

Neutron Production
293 Kelvin Cross Sections

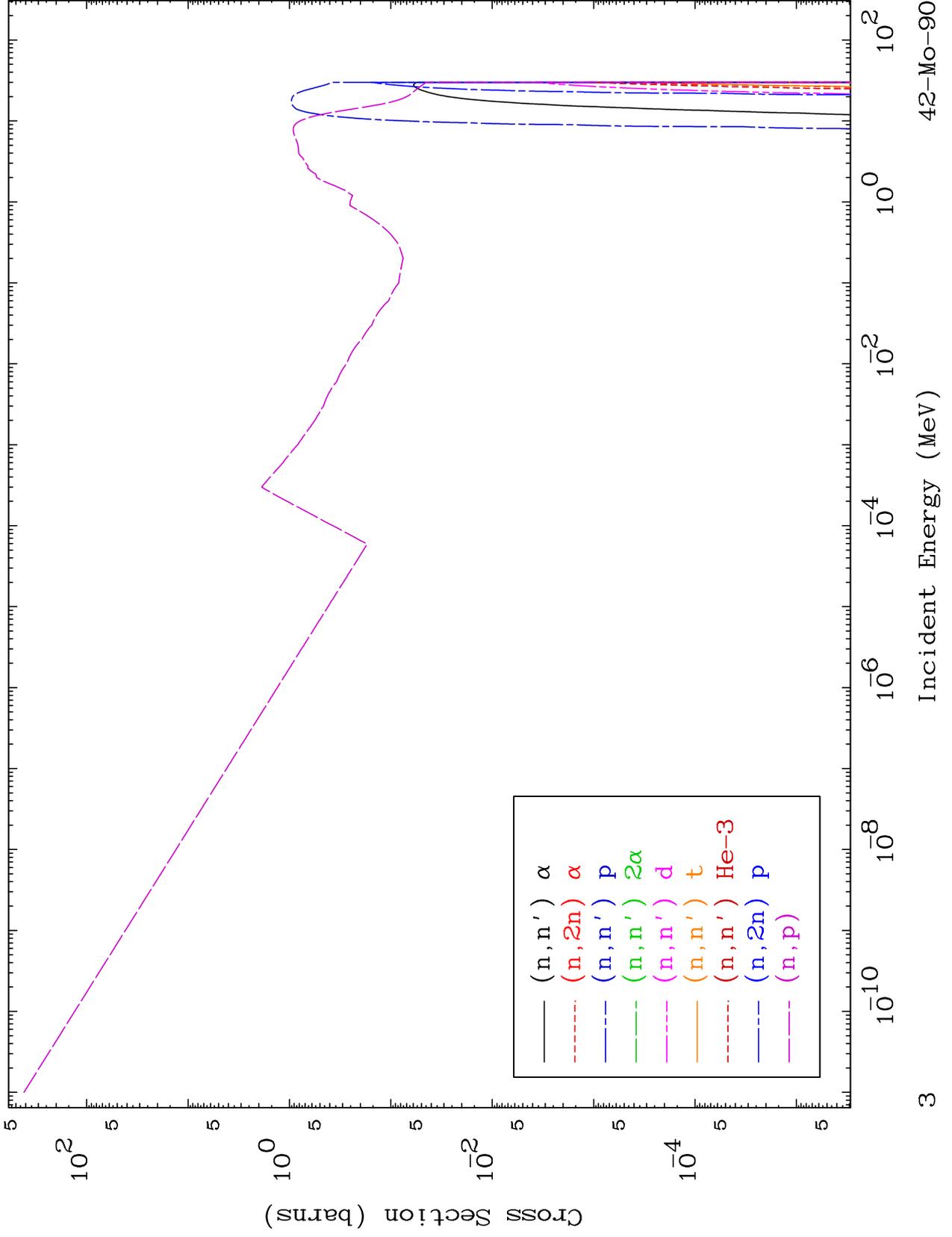
42-Mo-90



MAT 4219

Charged Particle
293 Kelvin Cross Sections

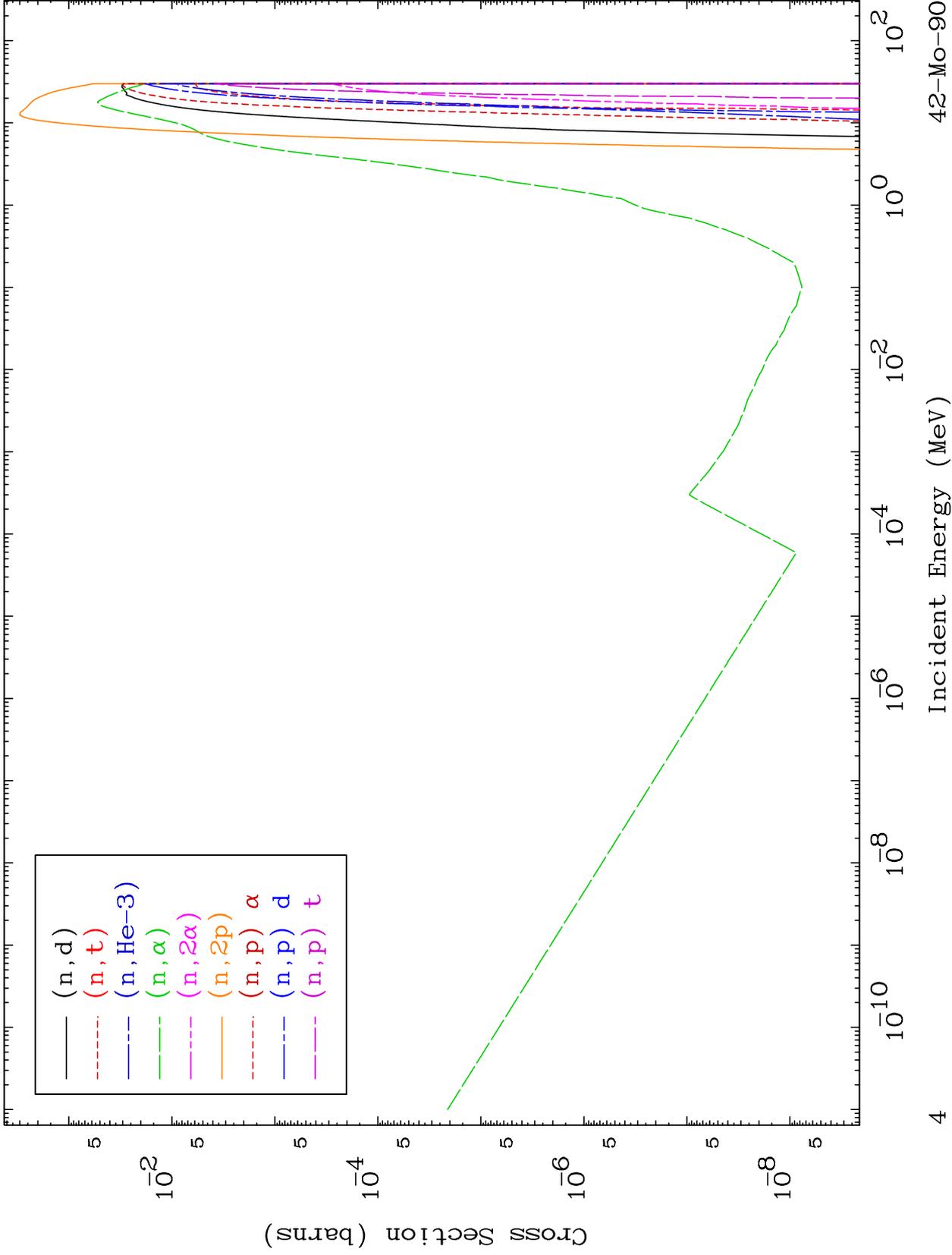
42-Mo-90



MAT 4219

Charged Particle
293 Kelvin Cross Sections

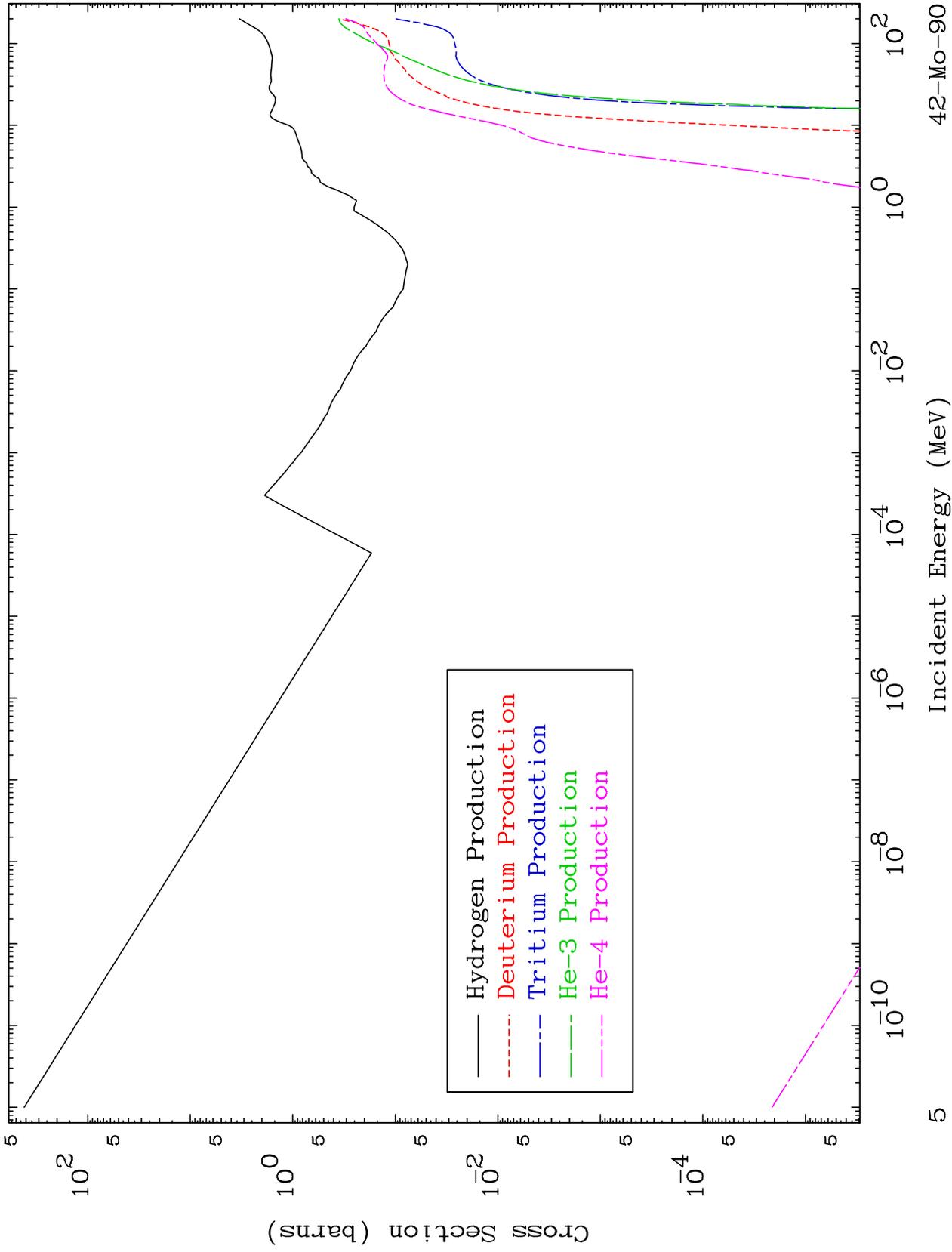
42-Mo-90



MAT 4219

Particle Production
293 Kelvin Cross Sections

42-Mo-90

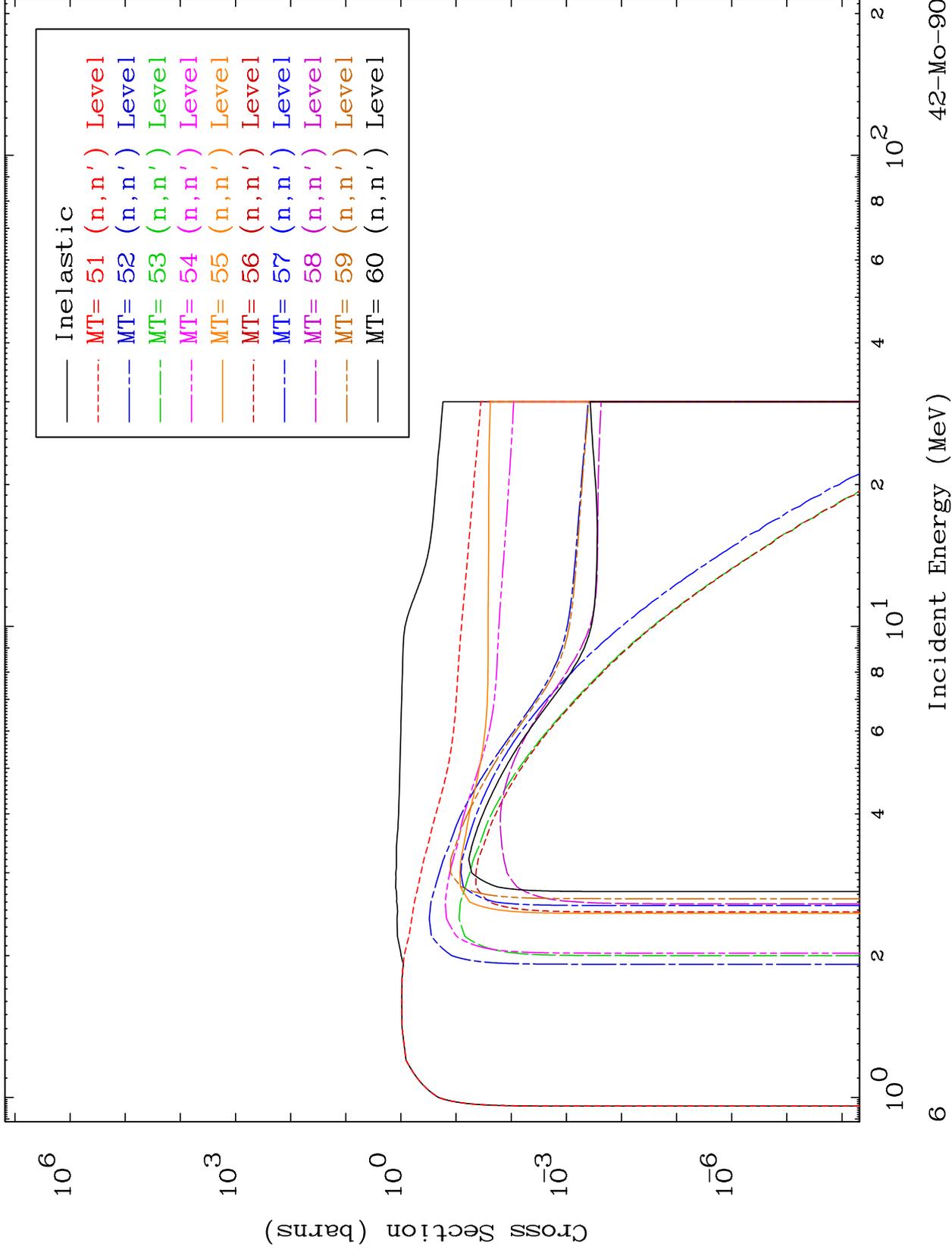


MAT 4219

(n,n') Level

42-Mo-90

293 Kelvin Cross Sections

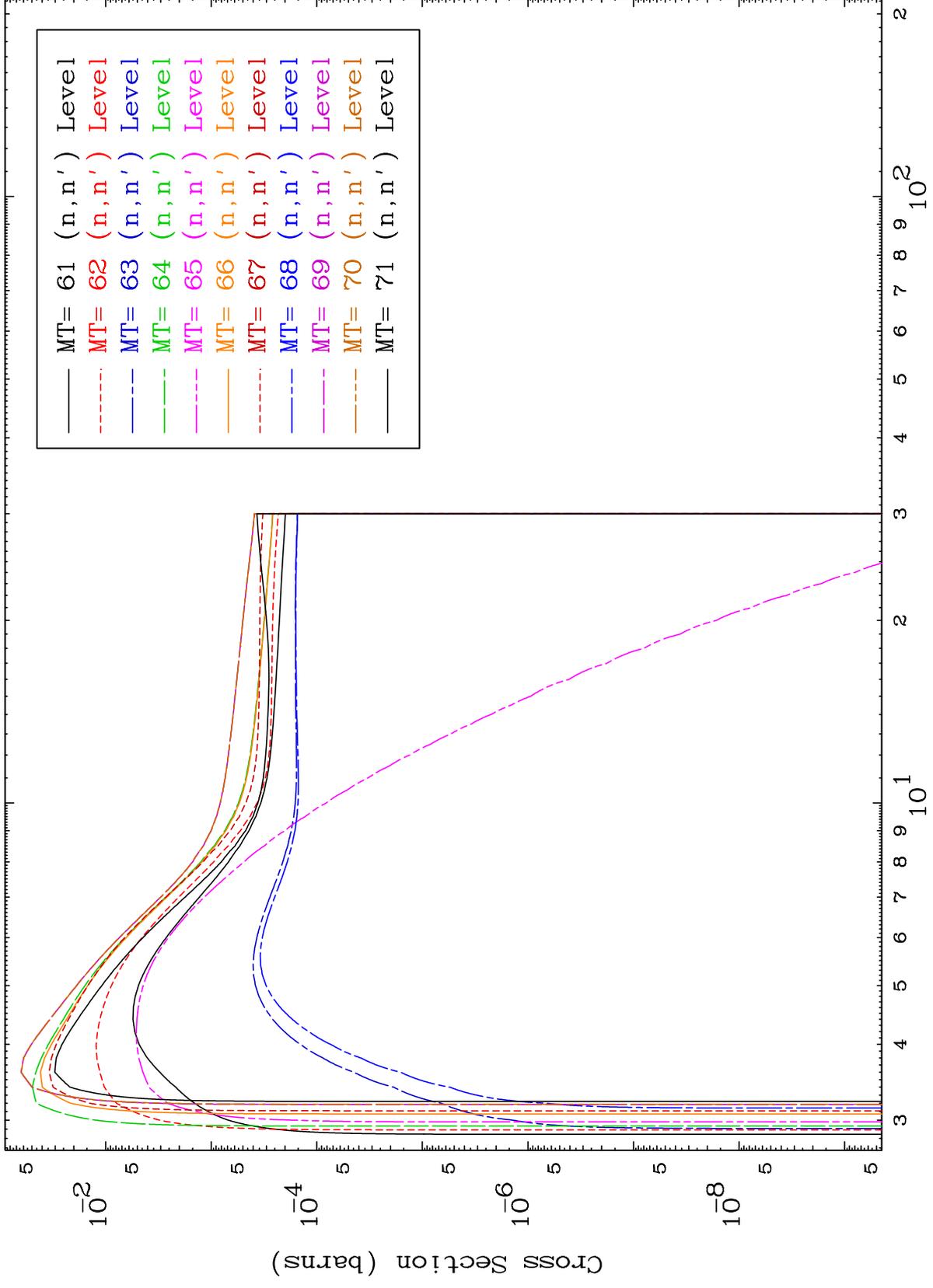


MAT 4219

(n,n') Level

42-Mo-90

293 Kelvin Cross Sections



7

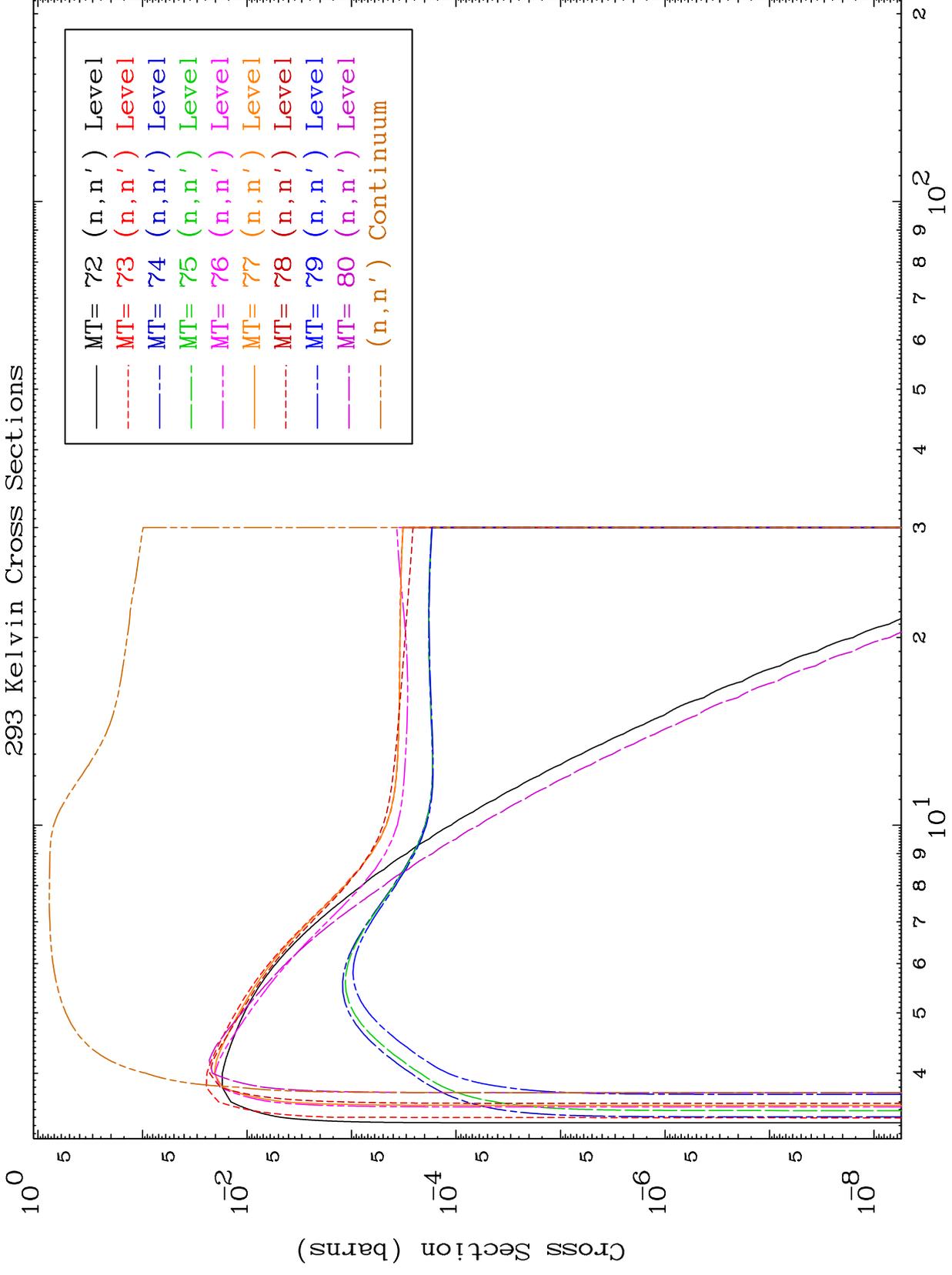
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42-Mo-90

MAT 4219

(n,n') Level

42-Mo-90



8

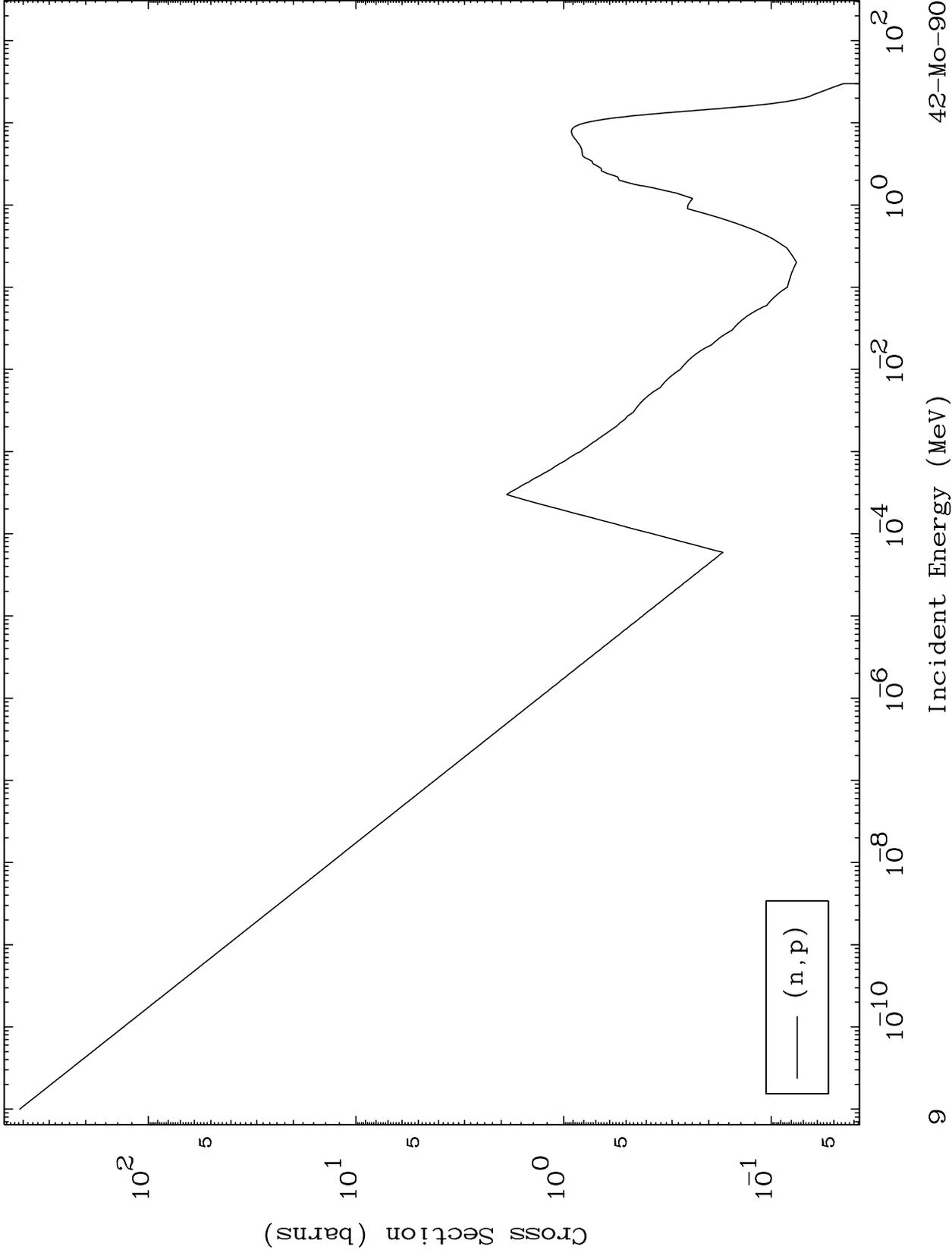
Incident Energy (MeV)

42-Mo-90

MAT 4219

(n,p) Levels
293 Kelvin Cross Sections

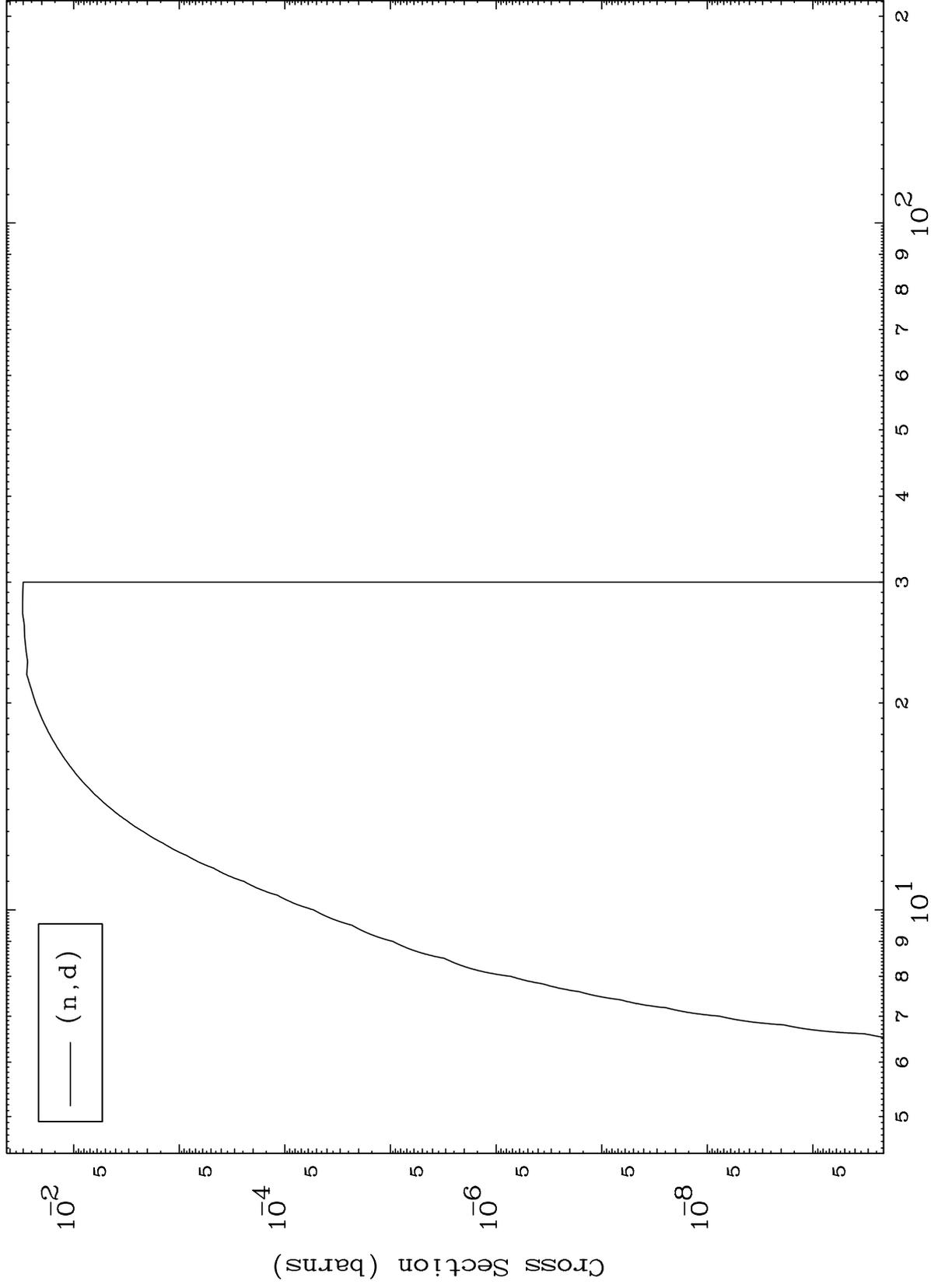
42-Mo-90



MAT 4219

(n,d) Levels
293 Kelvin Cross Sections

42-Mo-90



10

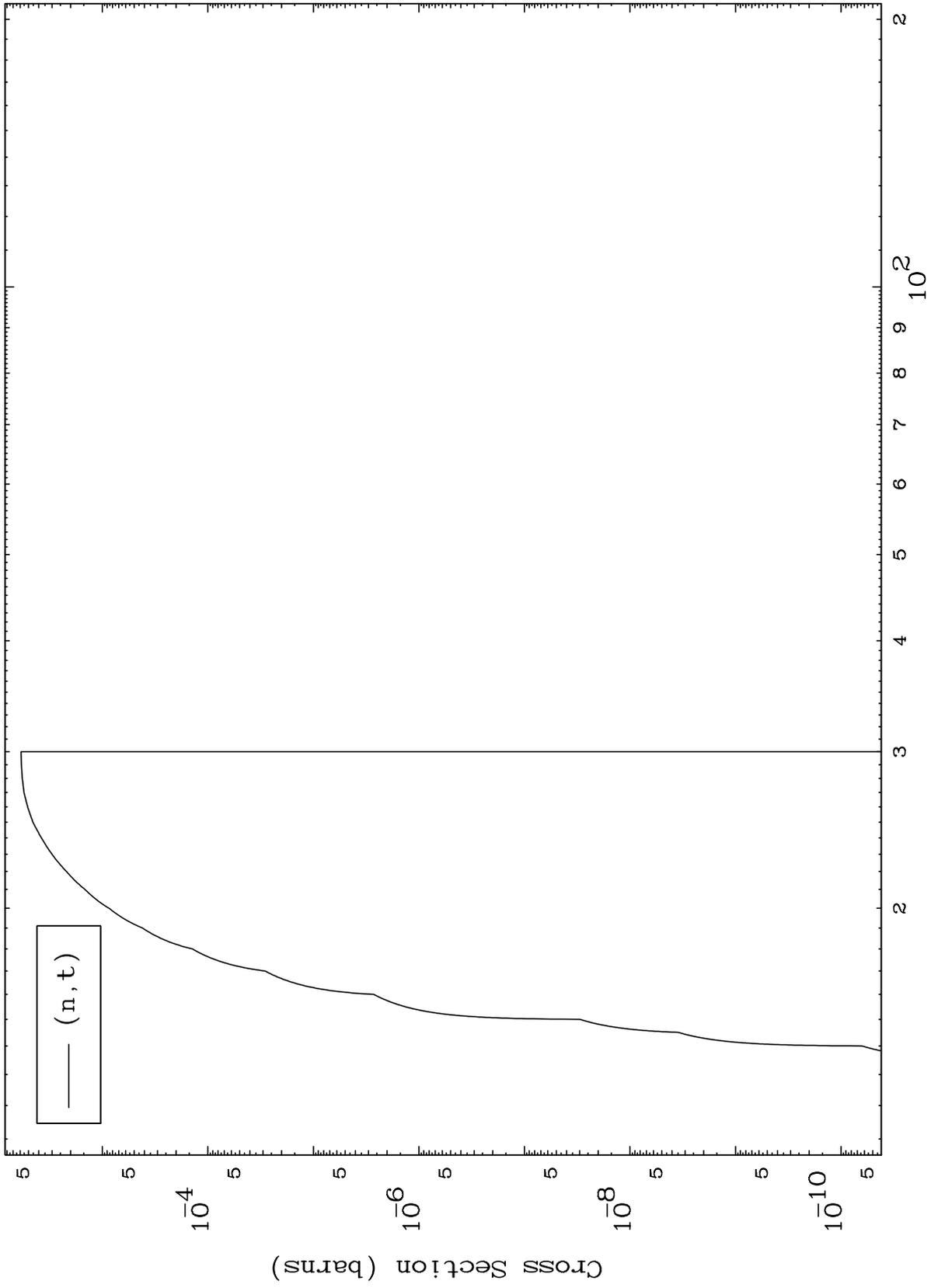
Incident Energy (MeV)

42-Mo-90

MAT 4219

(n,t) Levels
293 Kelvin Cross Sections

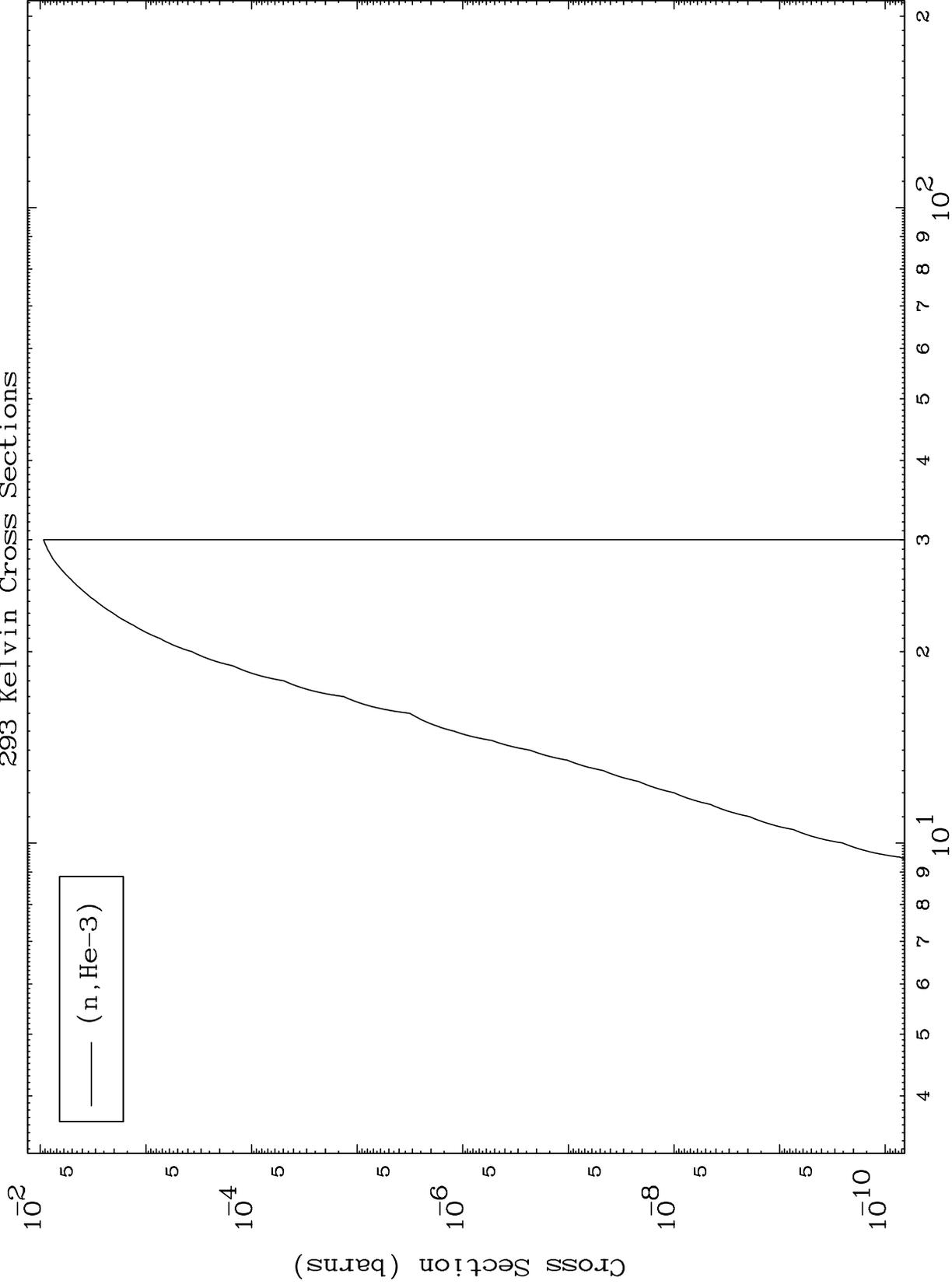
42-Mo-90



MAT 4219

(n,He3) Levels
293 Kelvin Cross Sections

42-Mo-90



12

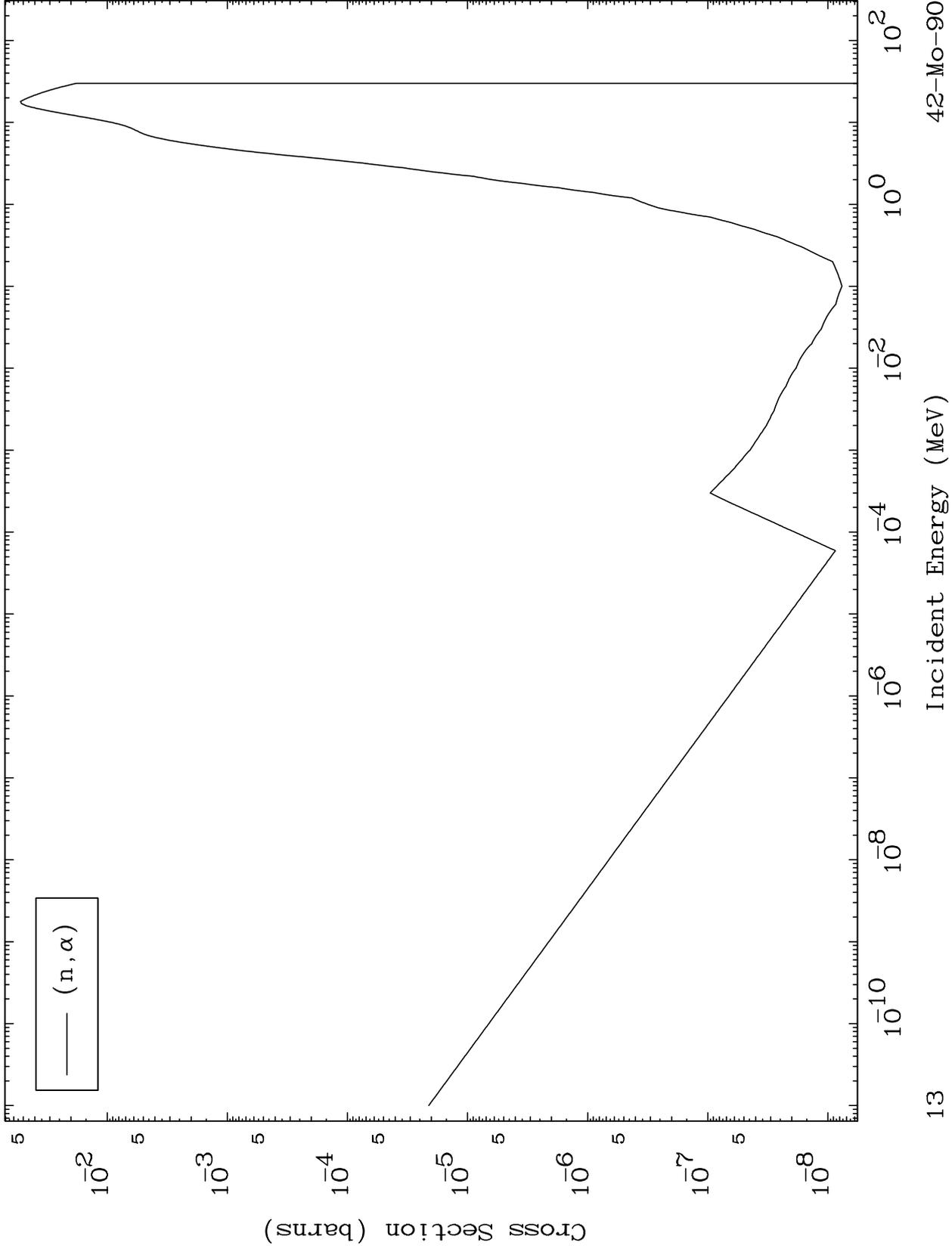
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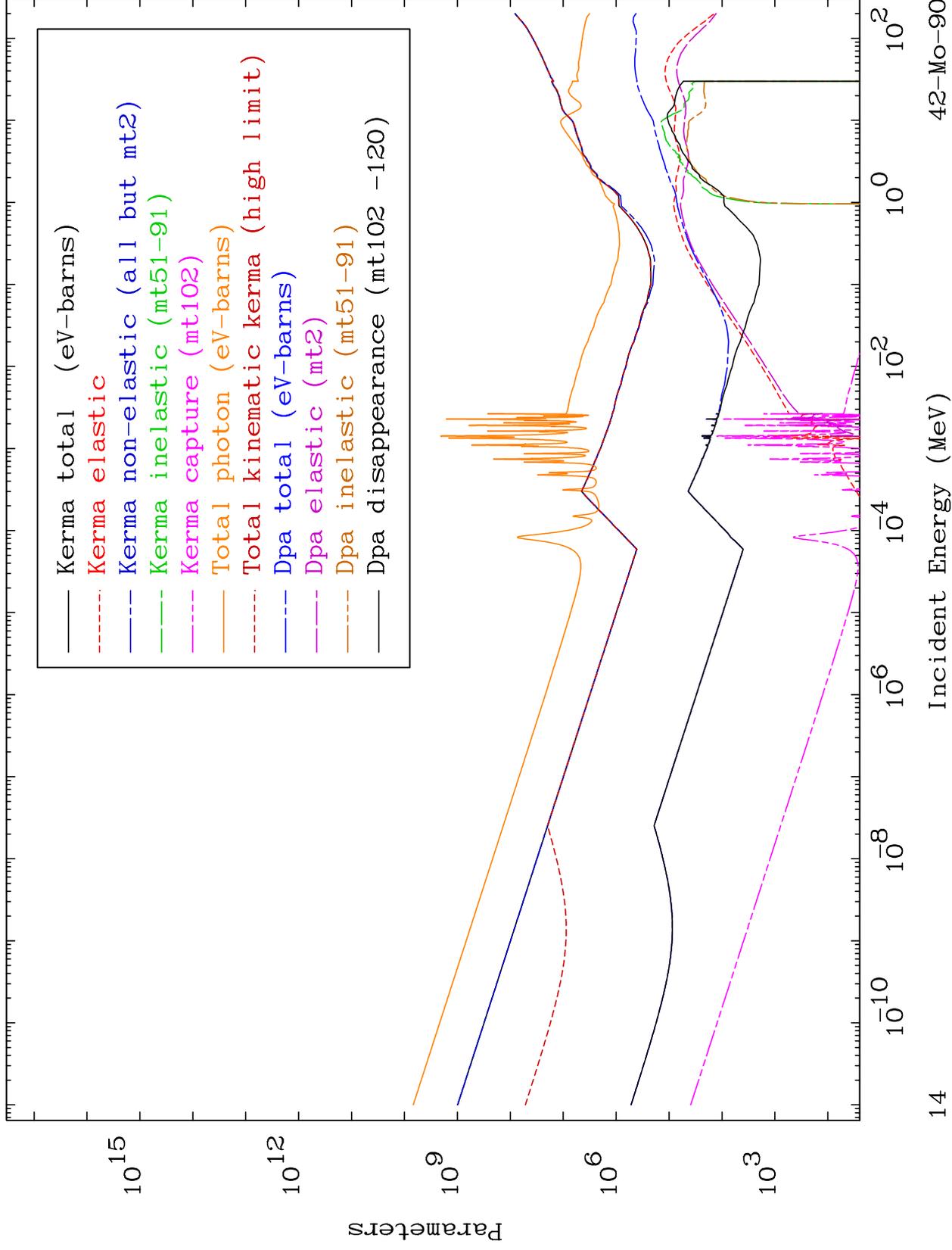
42-Mo-90

MAT 4219

(n, α) Levels
293 Kelvin Cross Sections

42-Mo-90

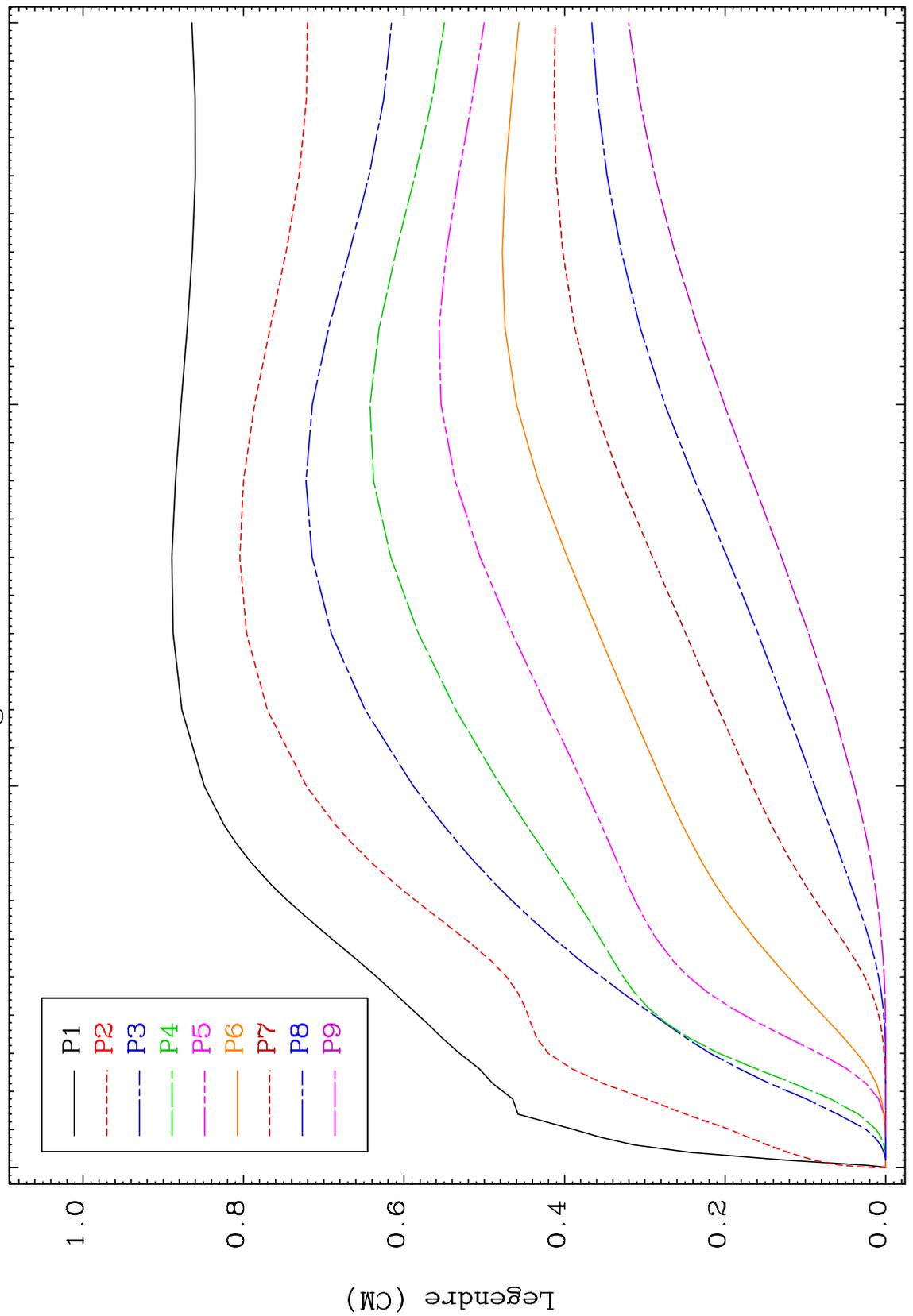




MAT 4219

Elastic Legendre Coefficients

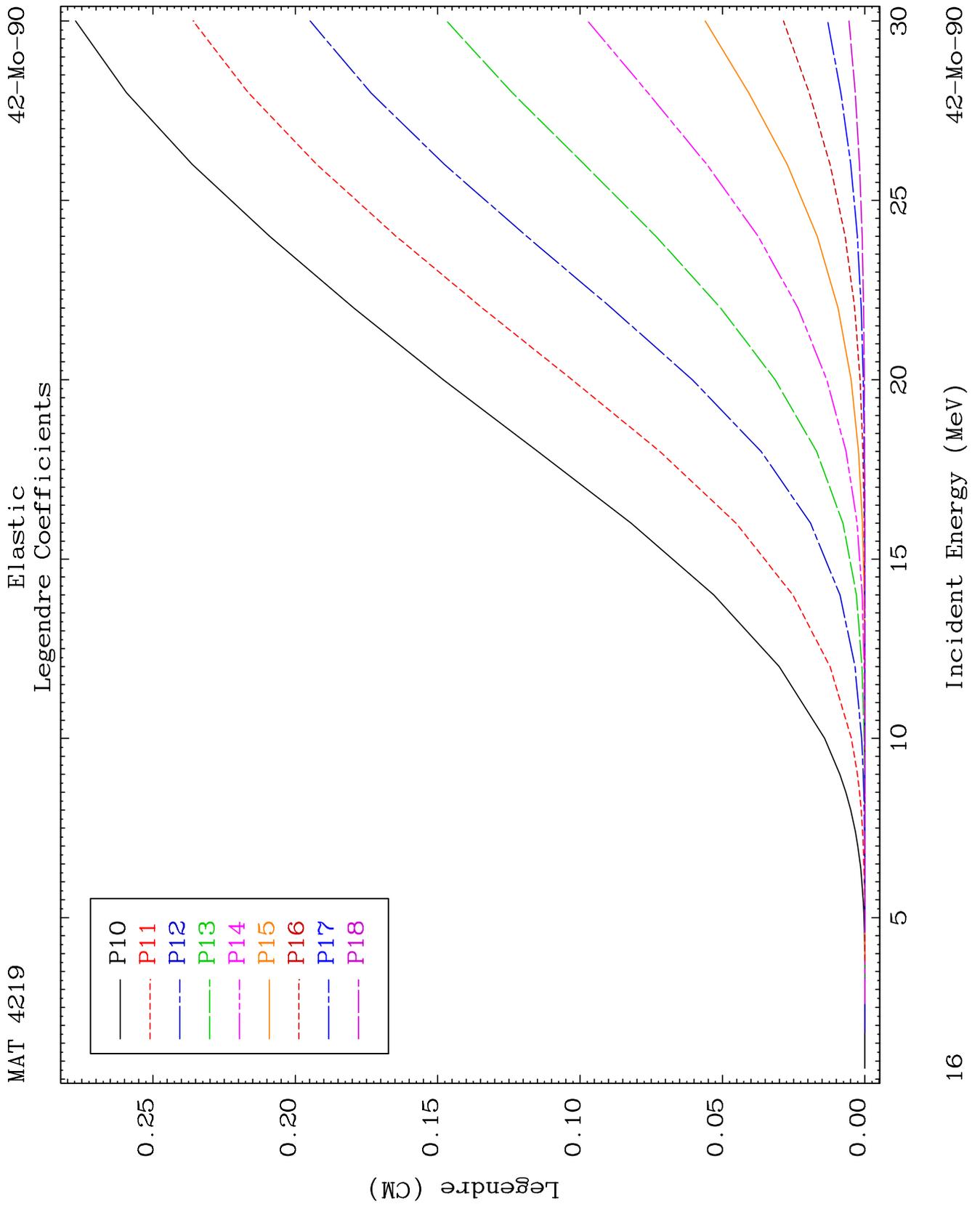
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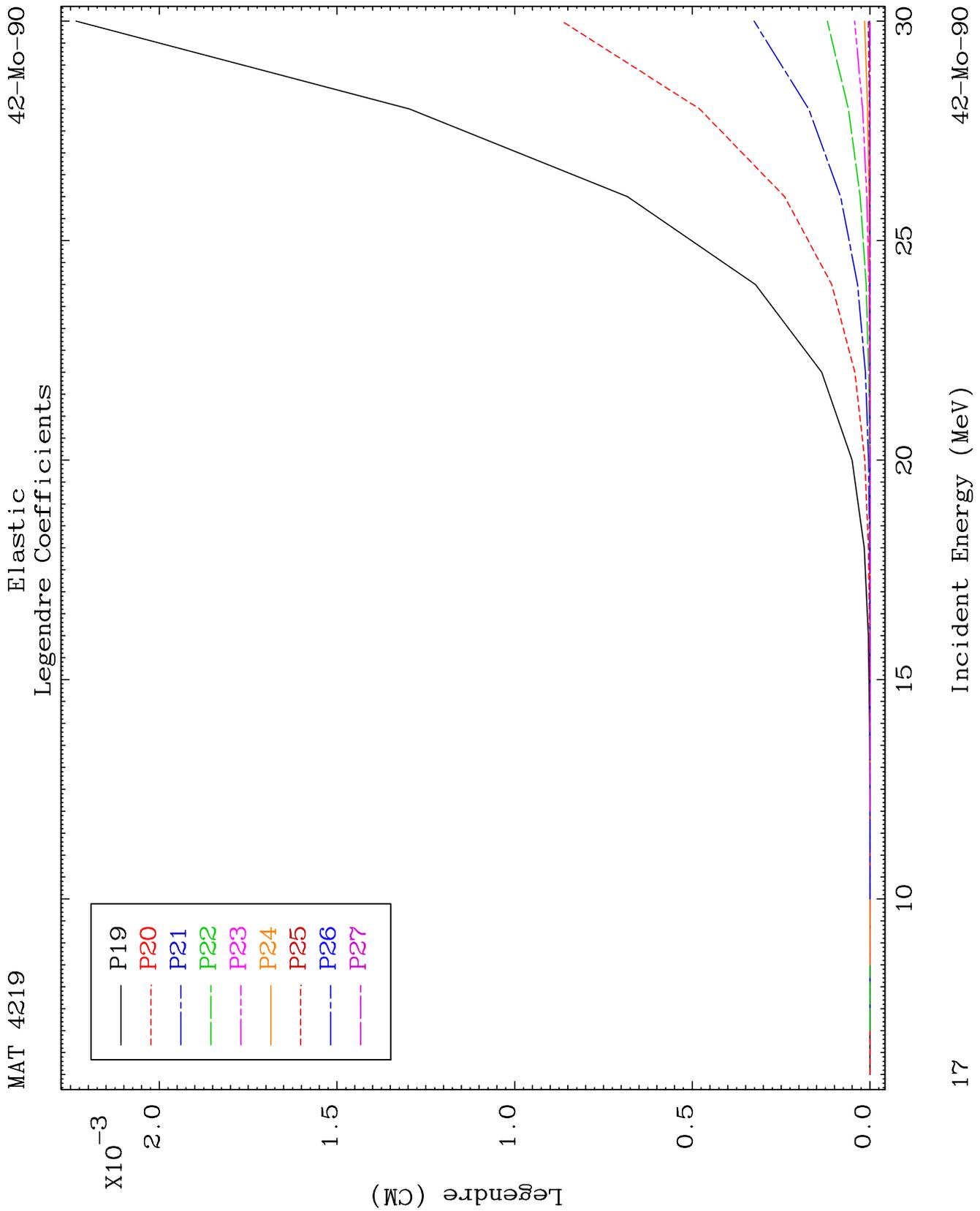


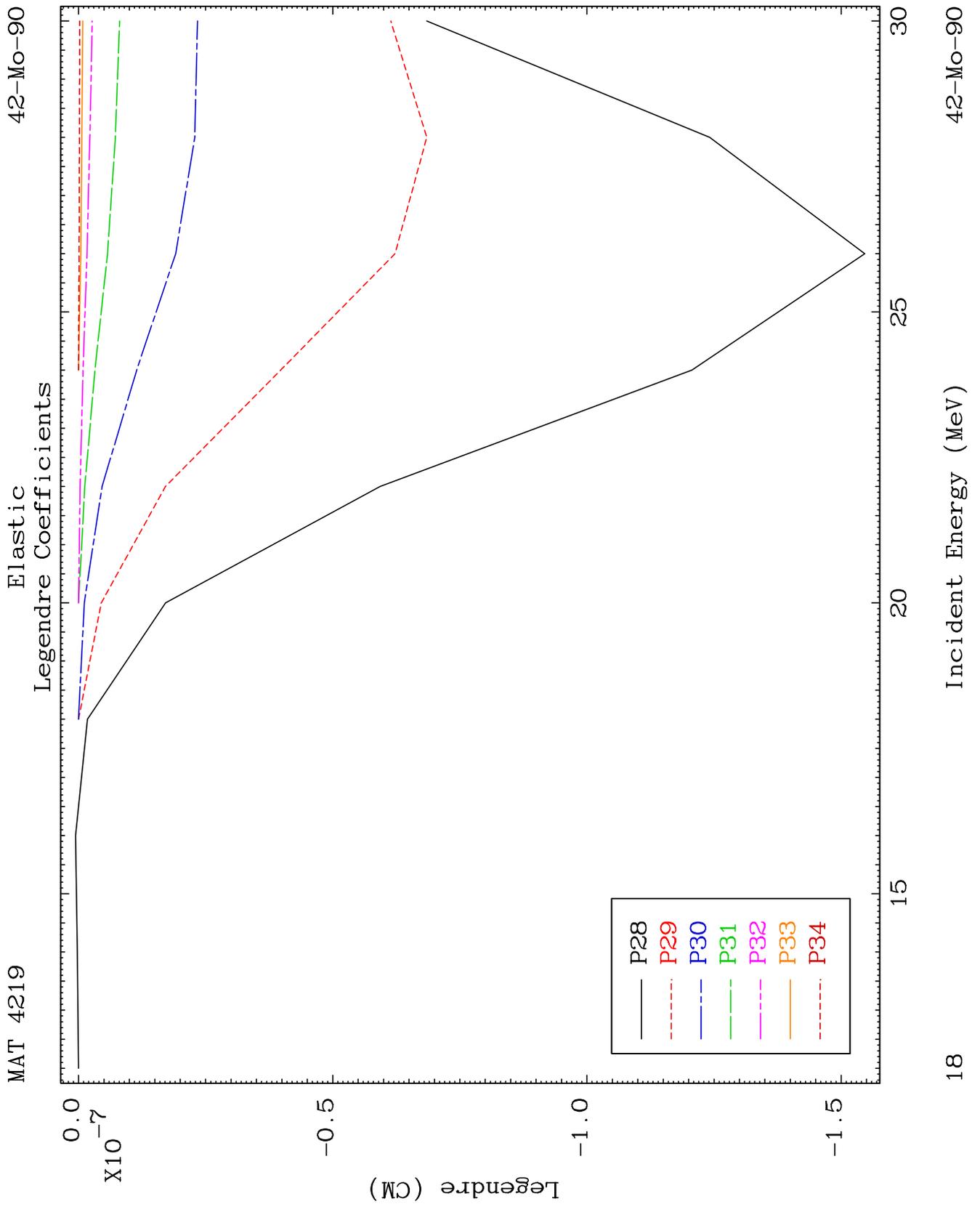
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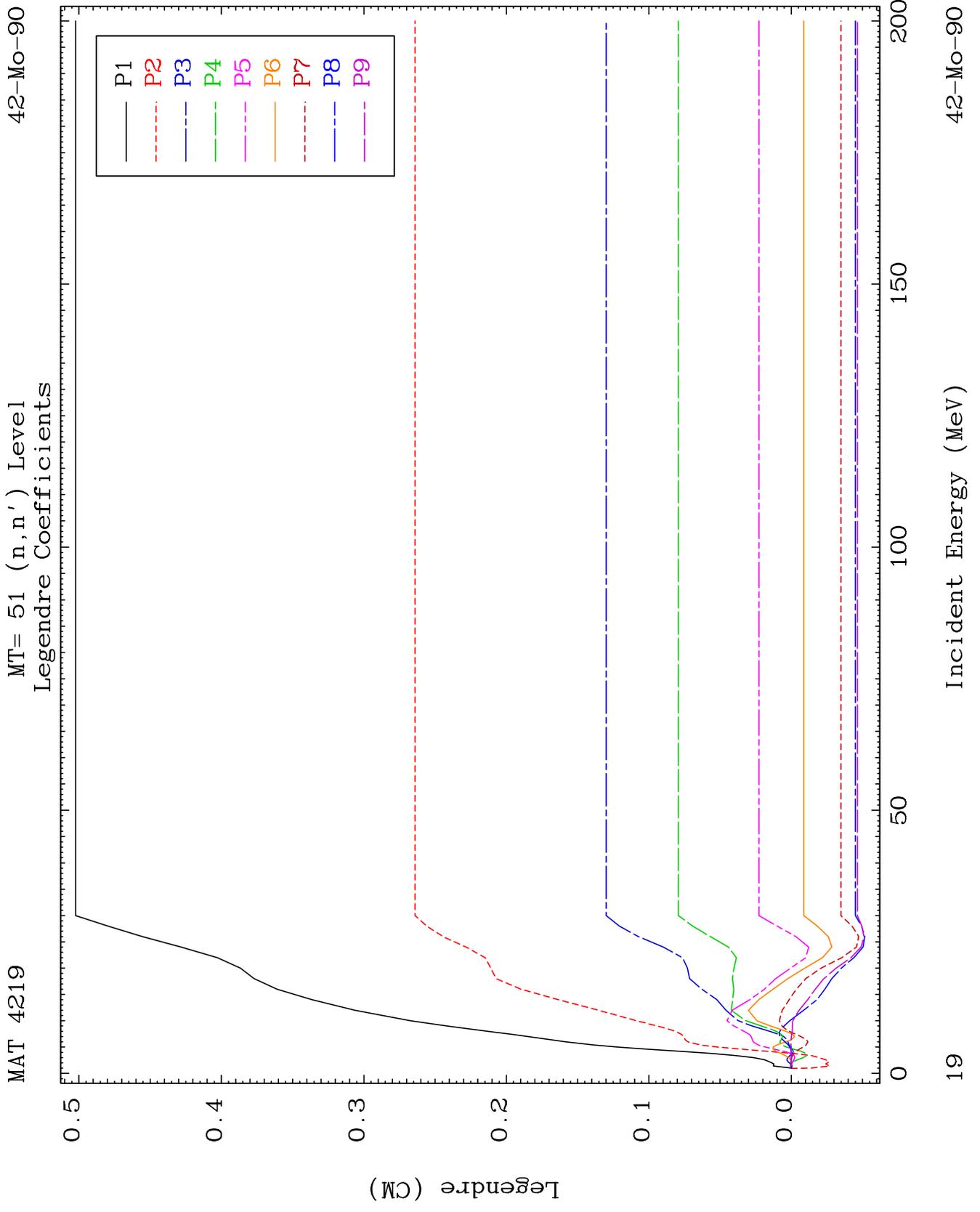
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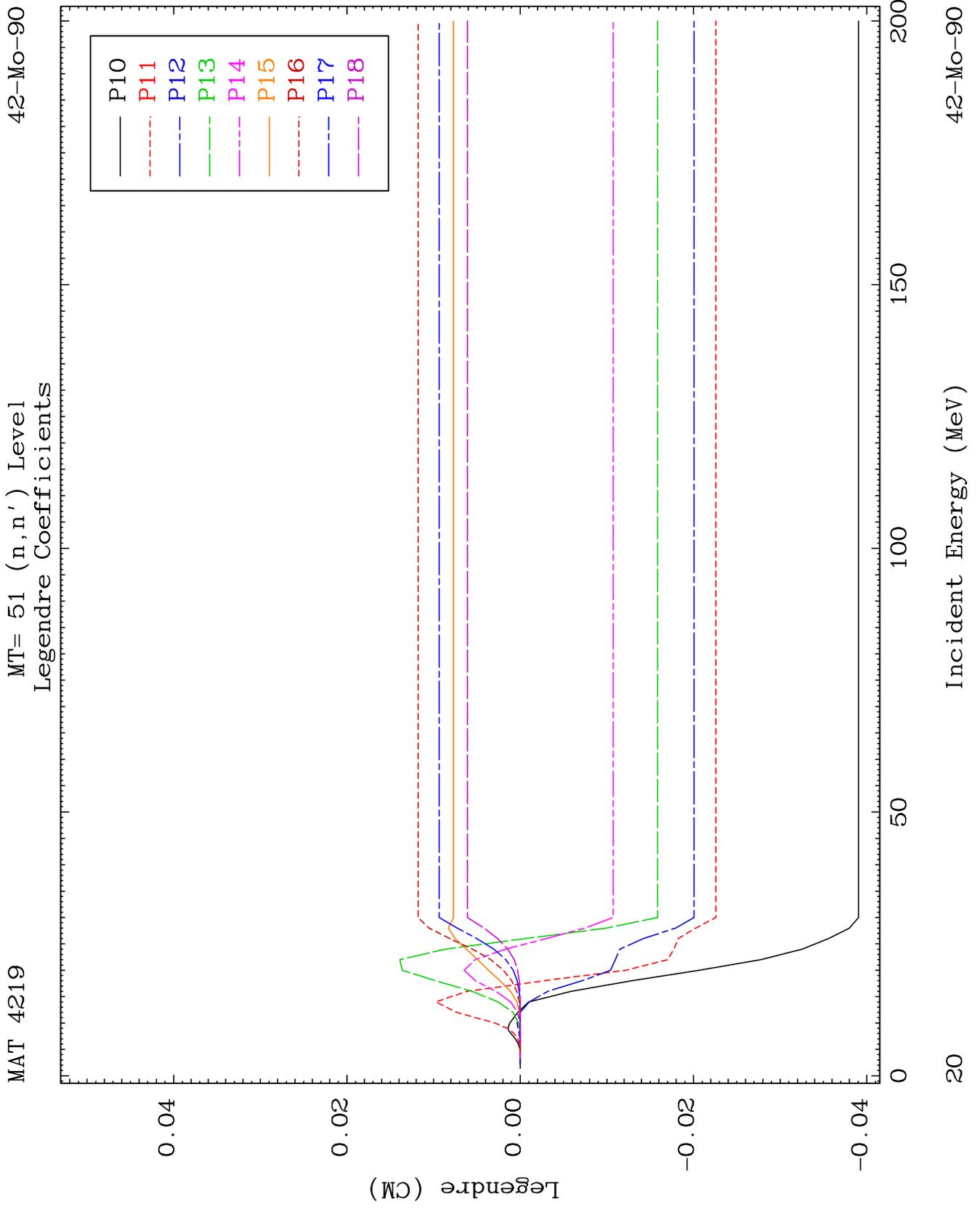
42-Mo-90







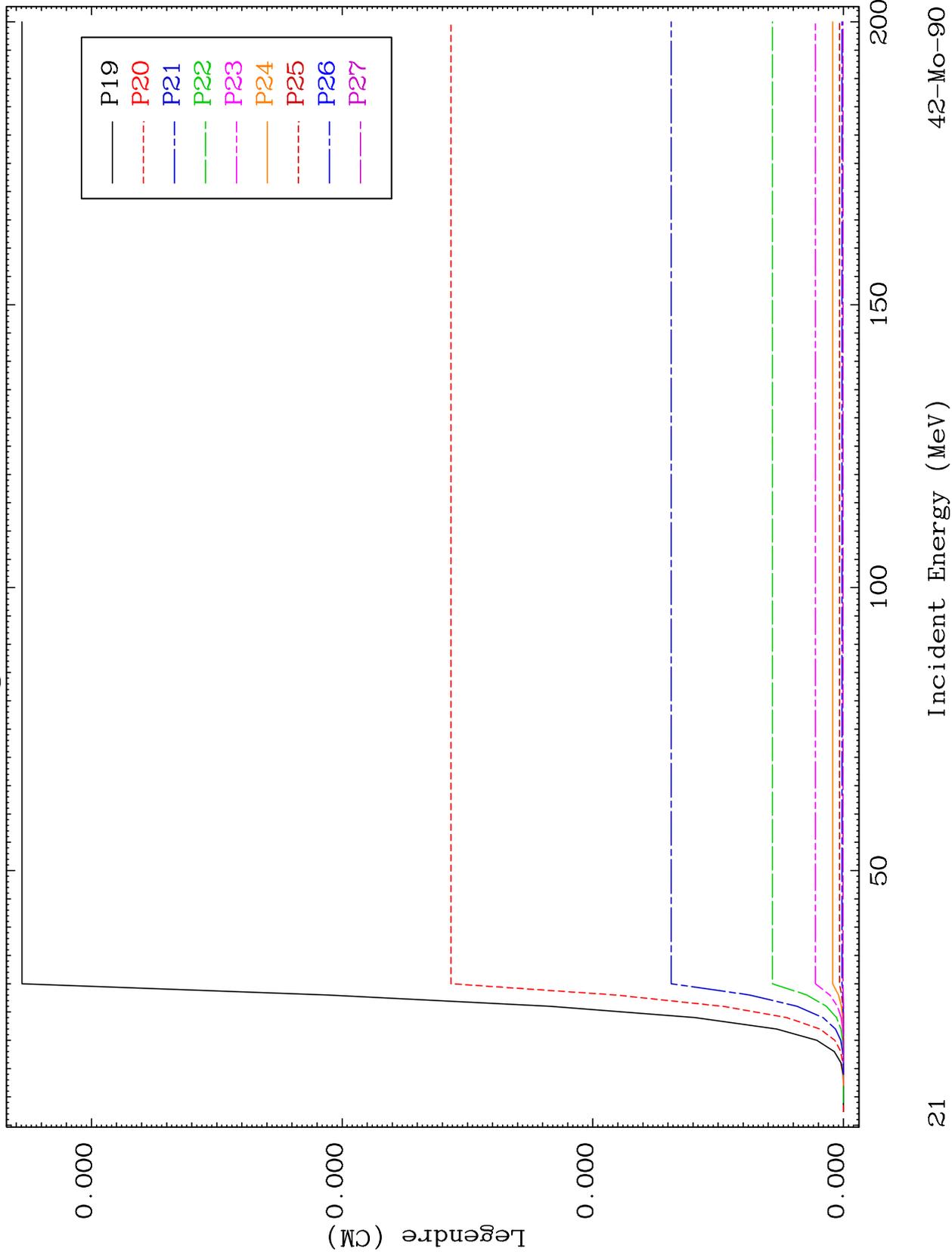




MAT 4219

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

42-Mo-90



21

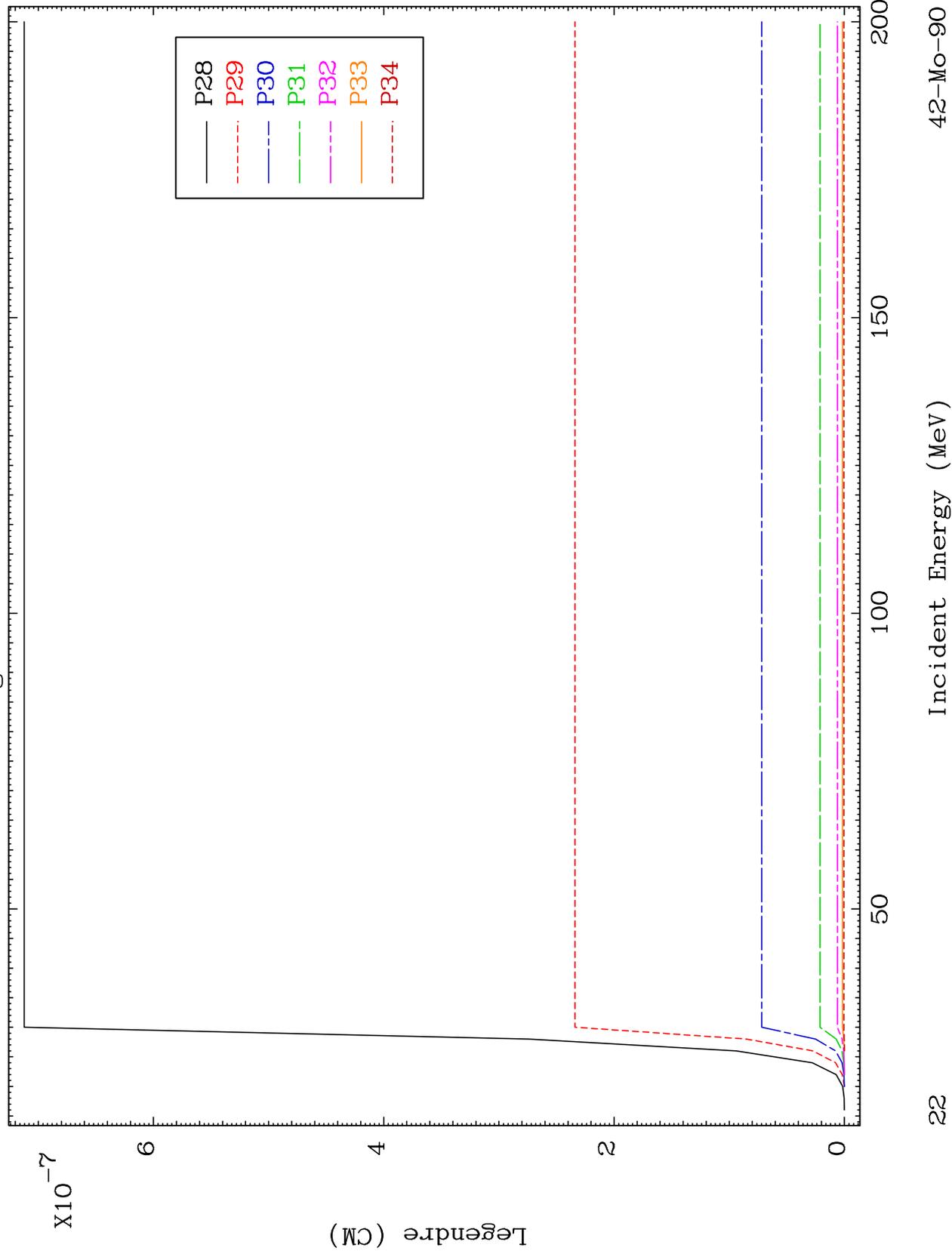
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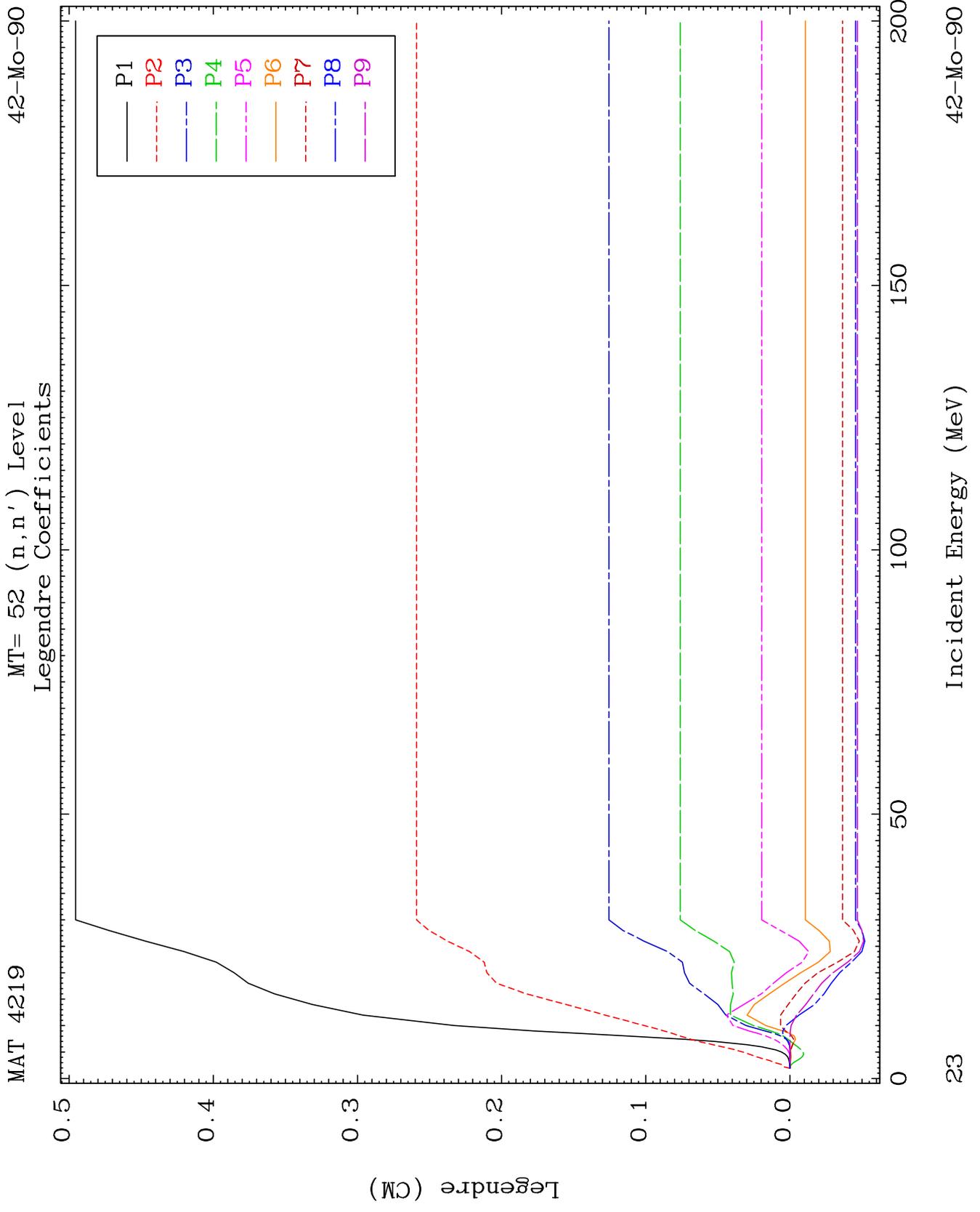
42-Mo-90

MAT 4219

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

42-Mo-90

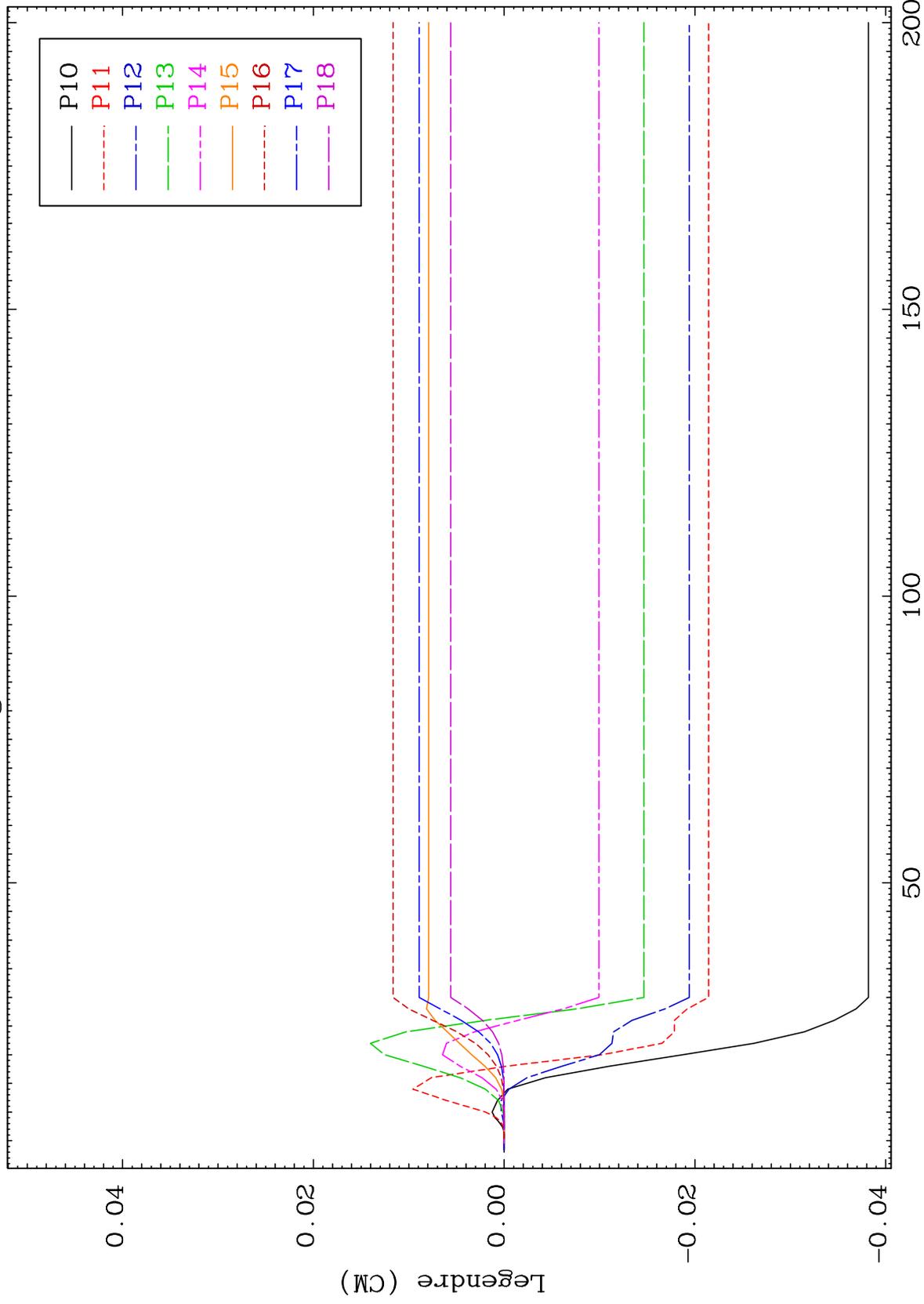




MAT 4219

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Legendre Coefficients

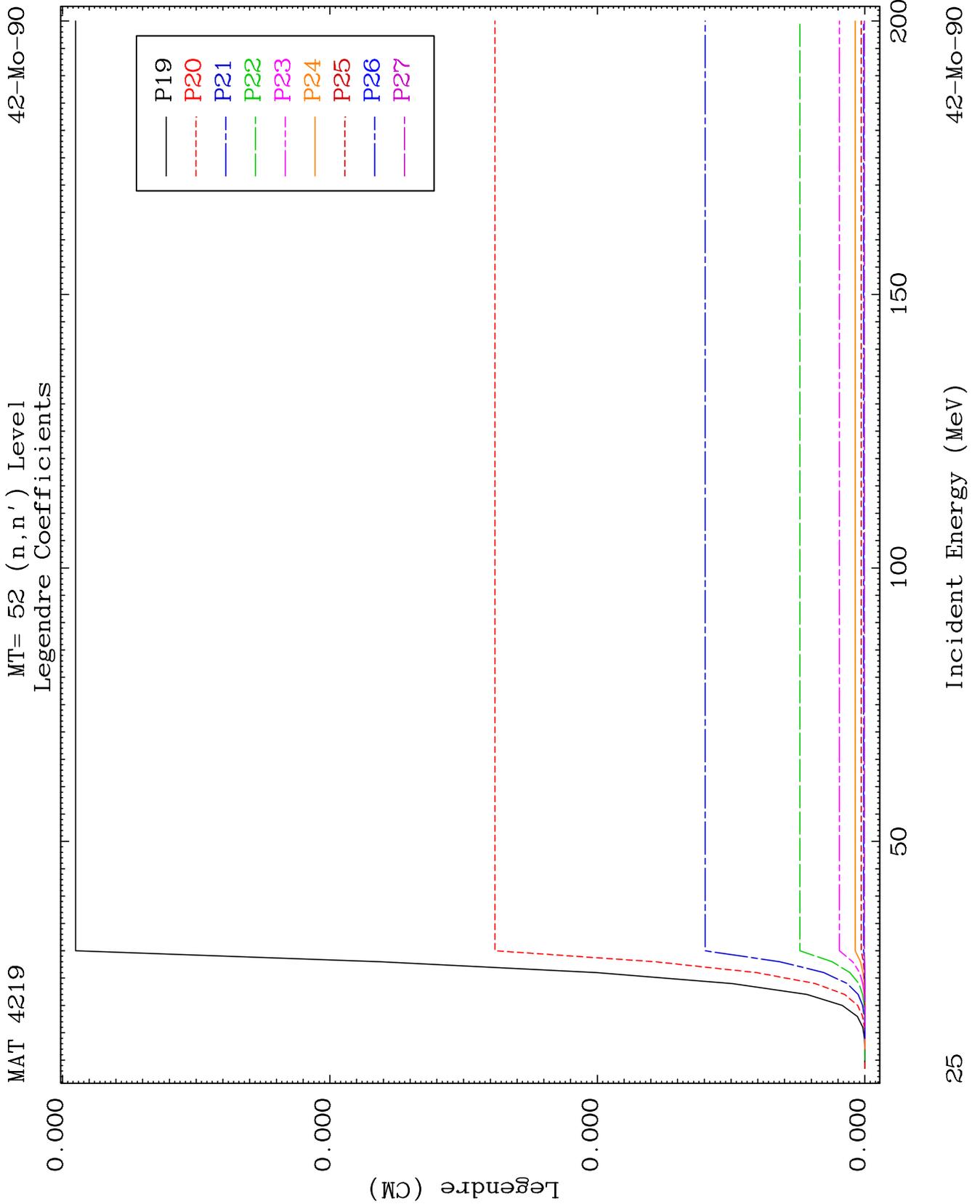
42-Mo-90



24

Incident Energy (MeV)

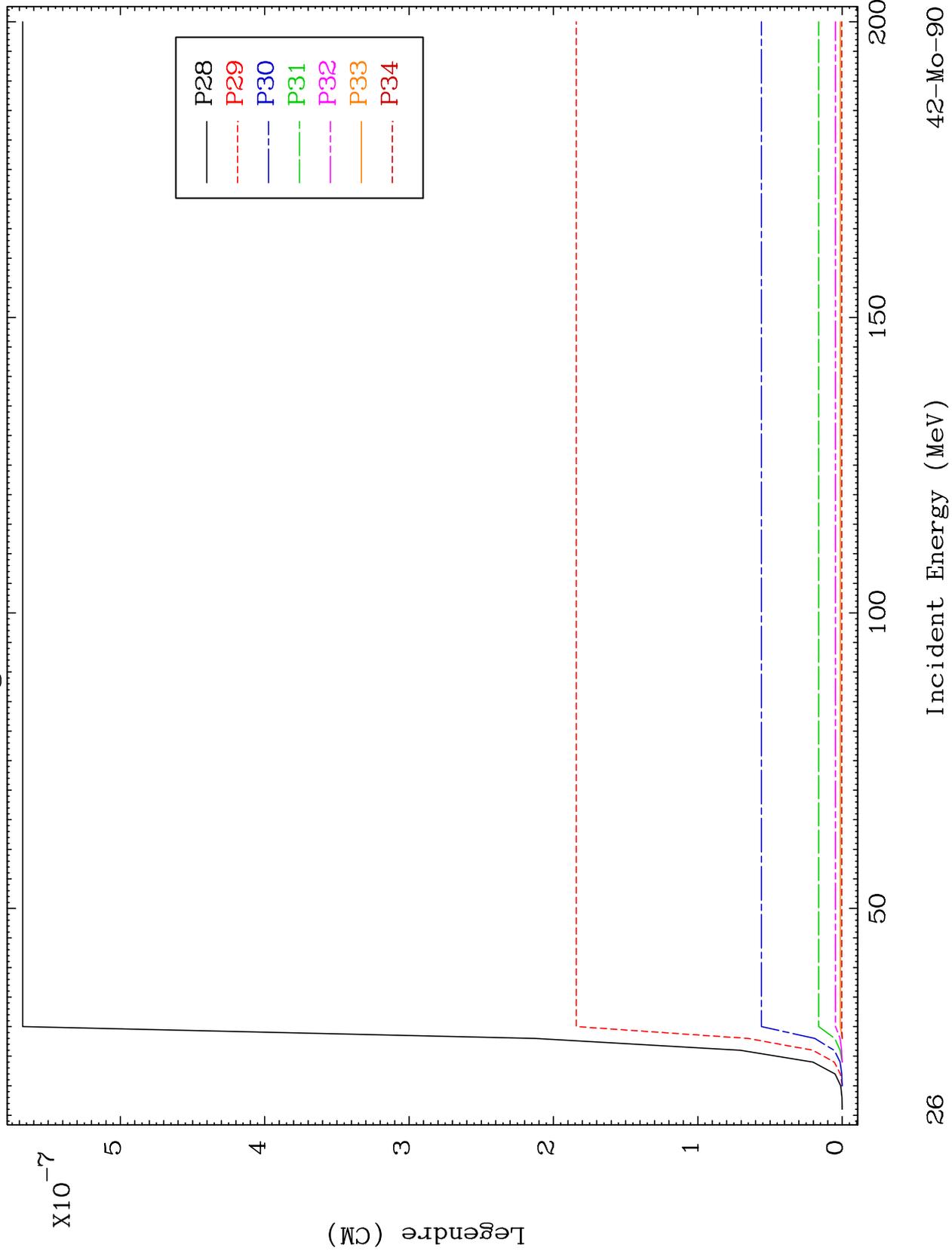
42-Mo-90



MAT 4219

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

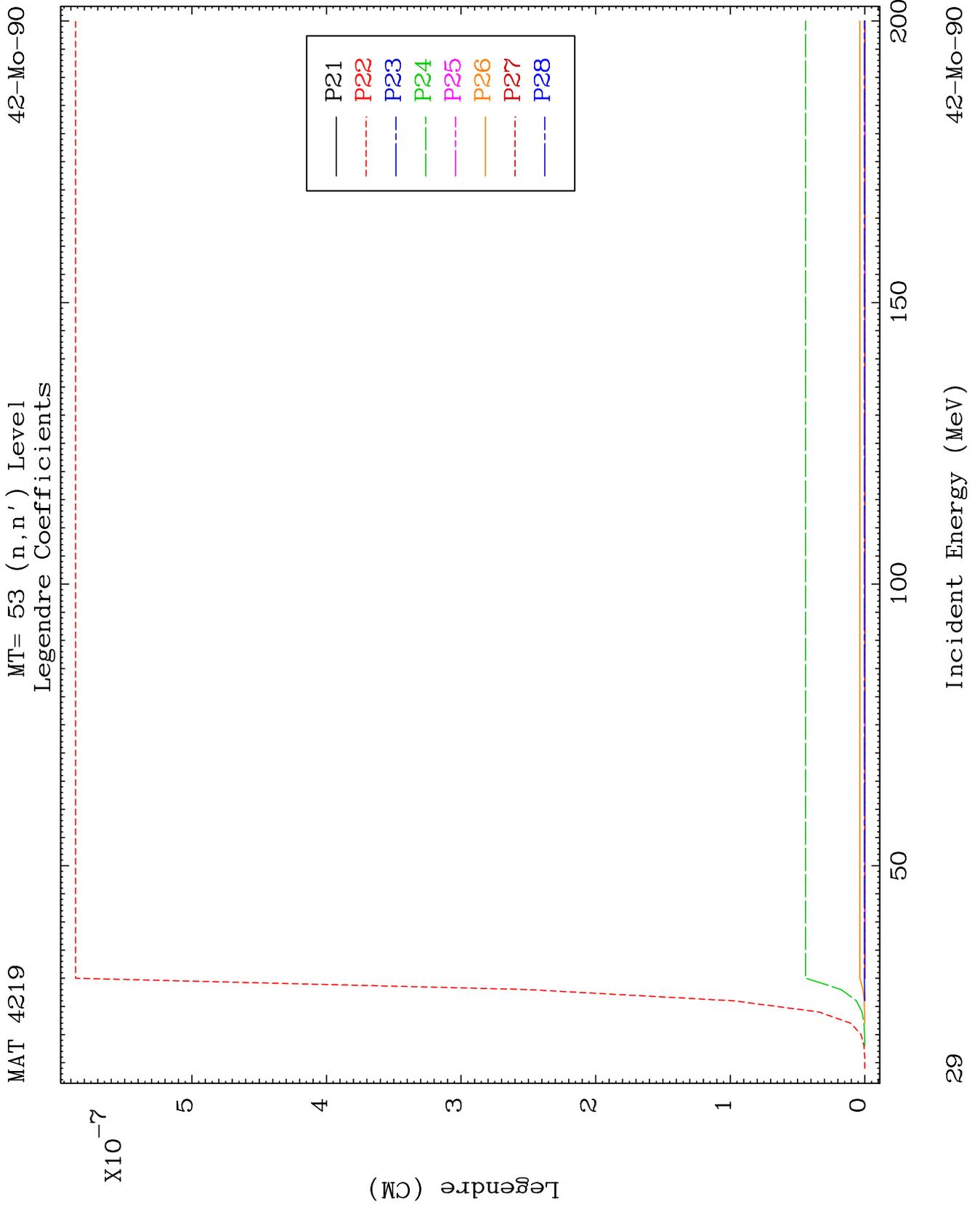
42-Mo-90



26

Incident Energy (MeV)

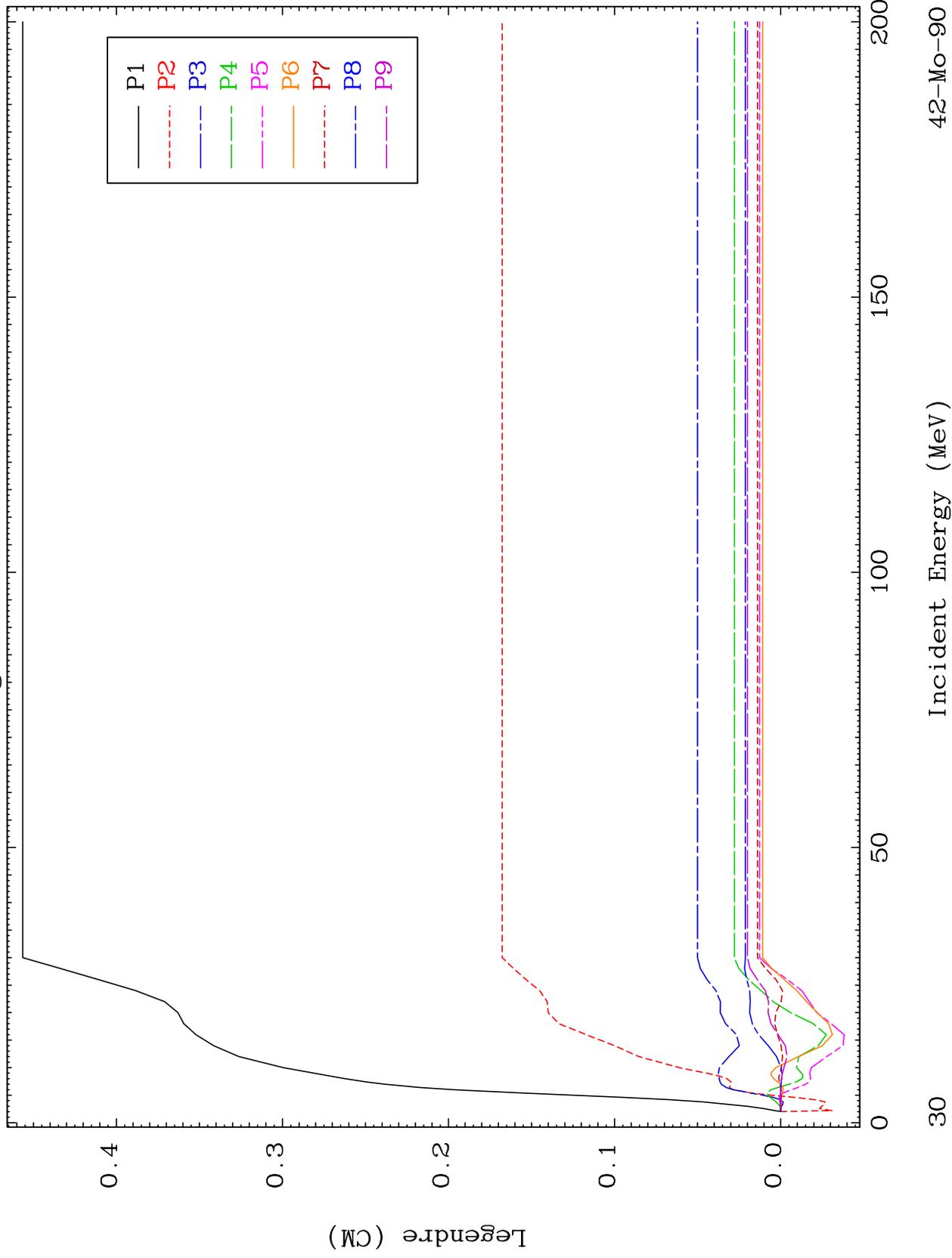
42-Mo-90



MAT 4219

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

42-Mo-90

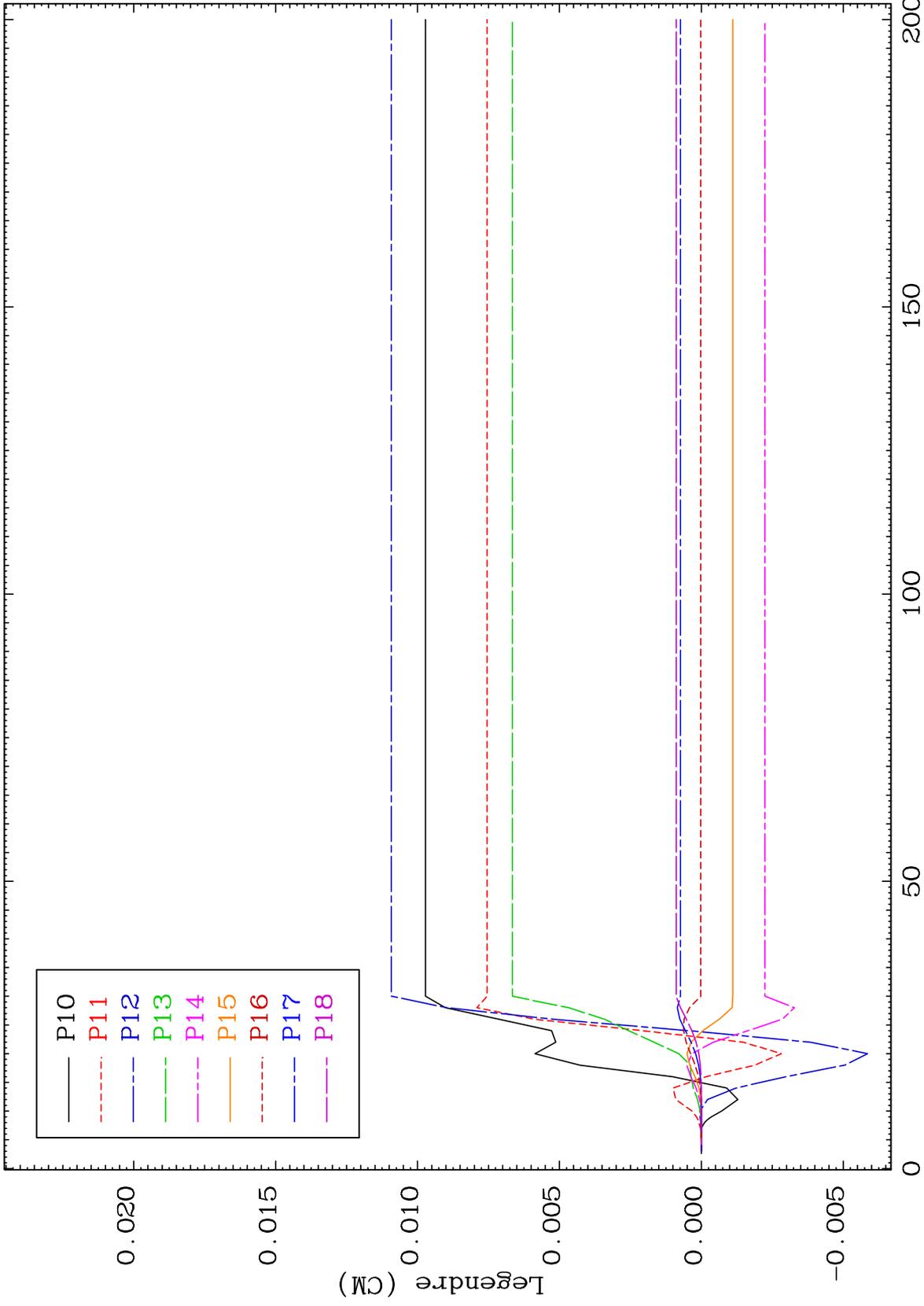


42-Mo-90

MAT 4219

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

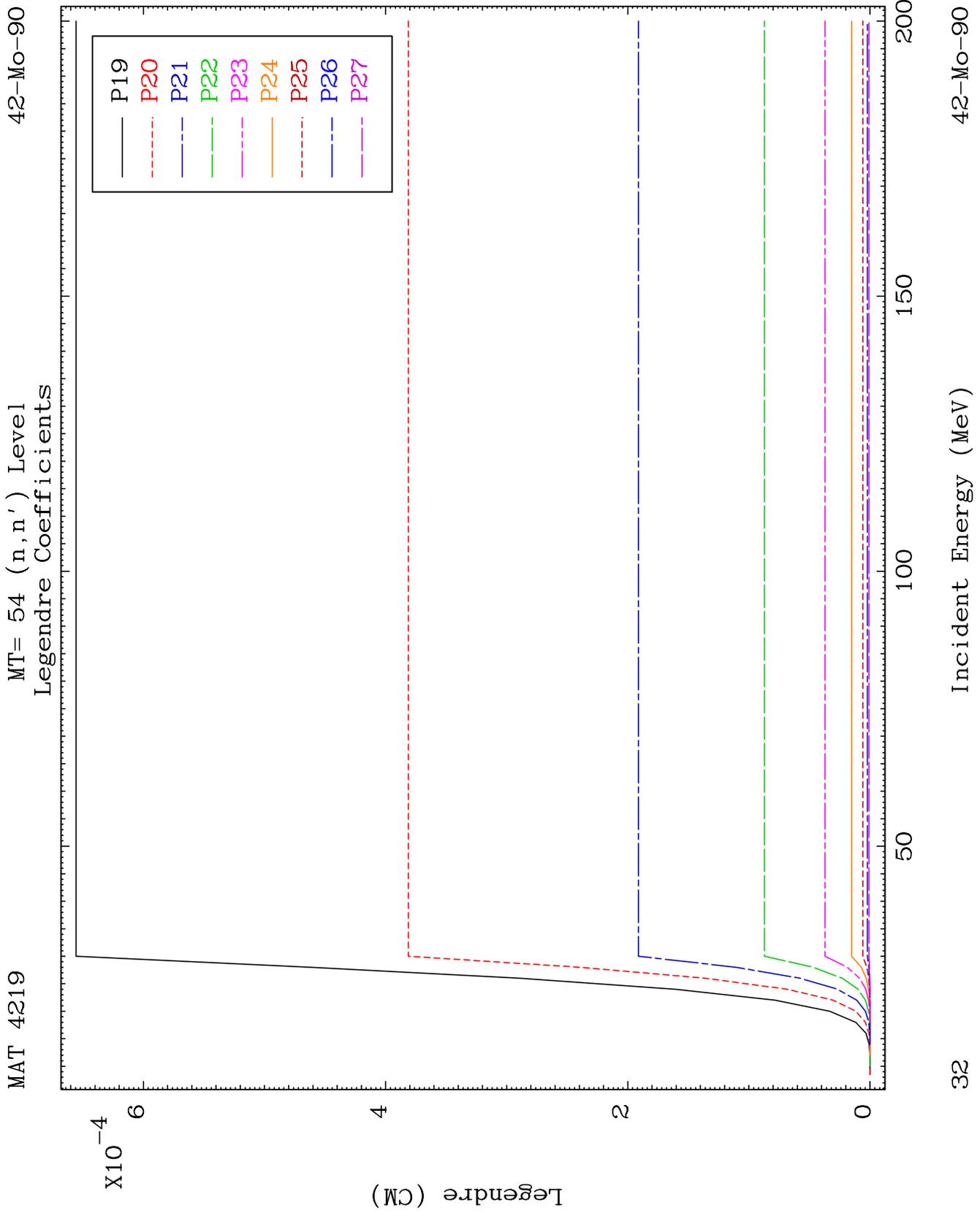
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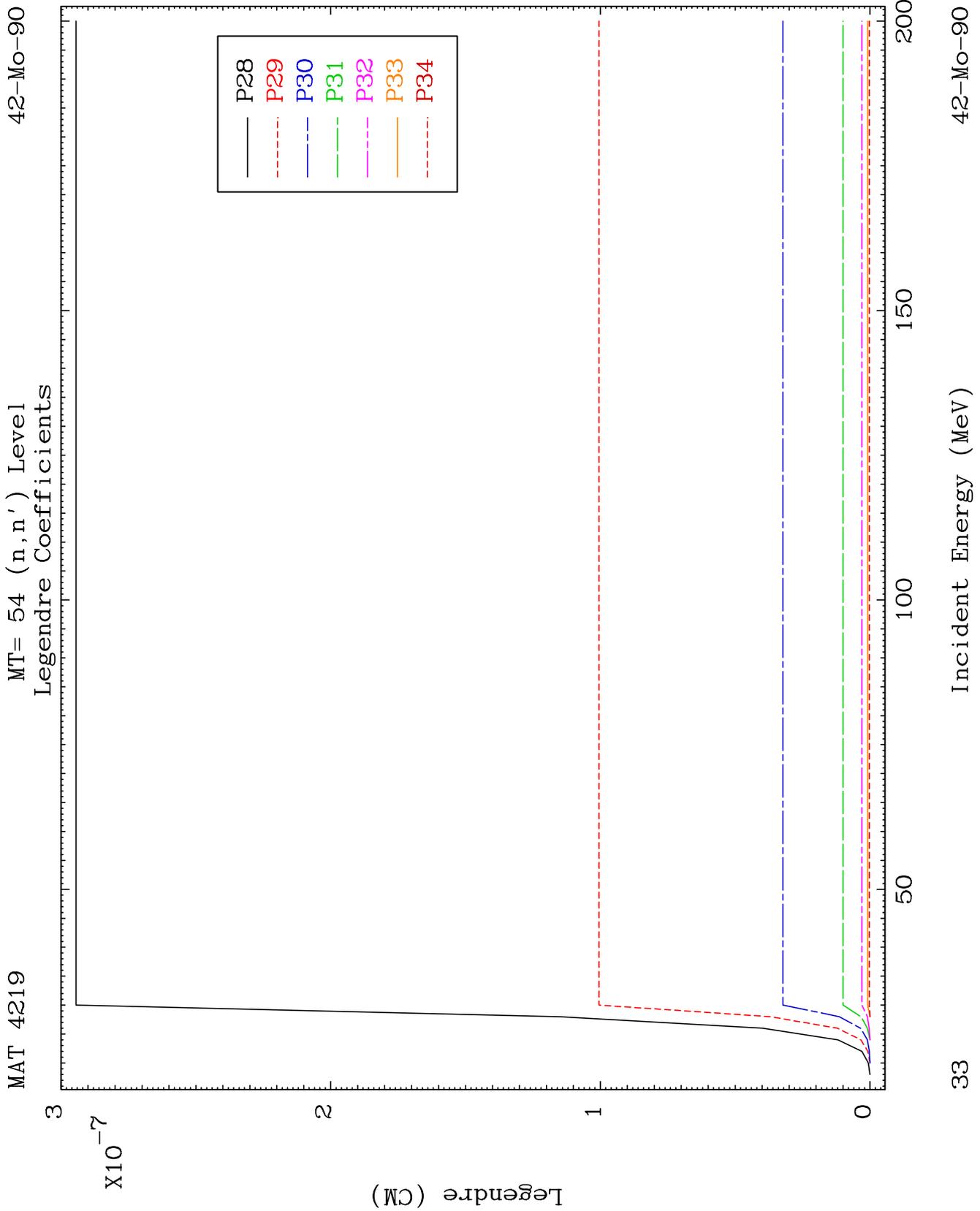


31

Incident Energy (MeV)

42-Mo-90

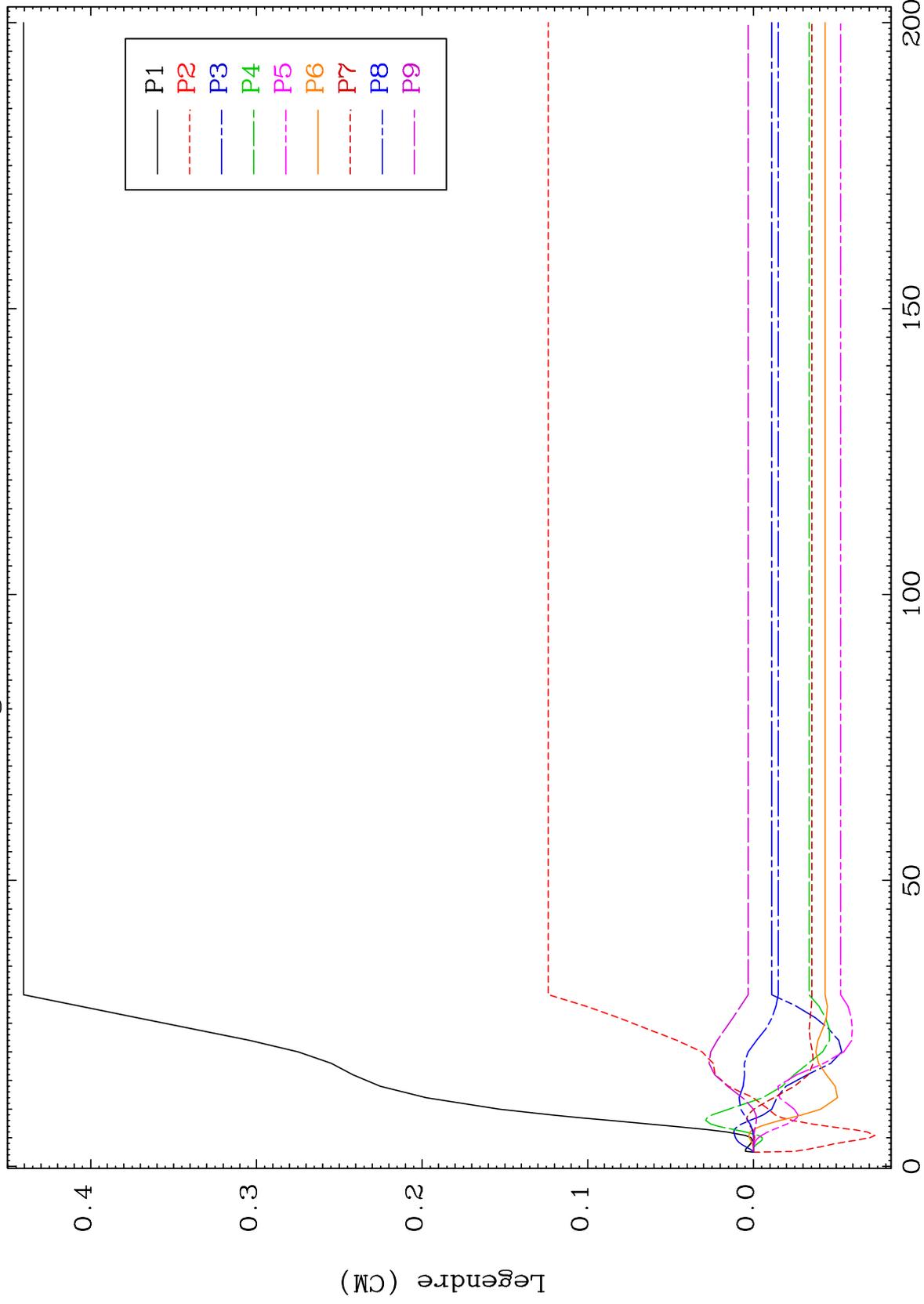




MAT 4219

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

42-Mo-90



34

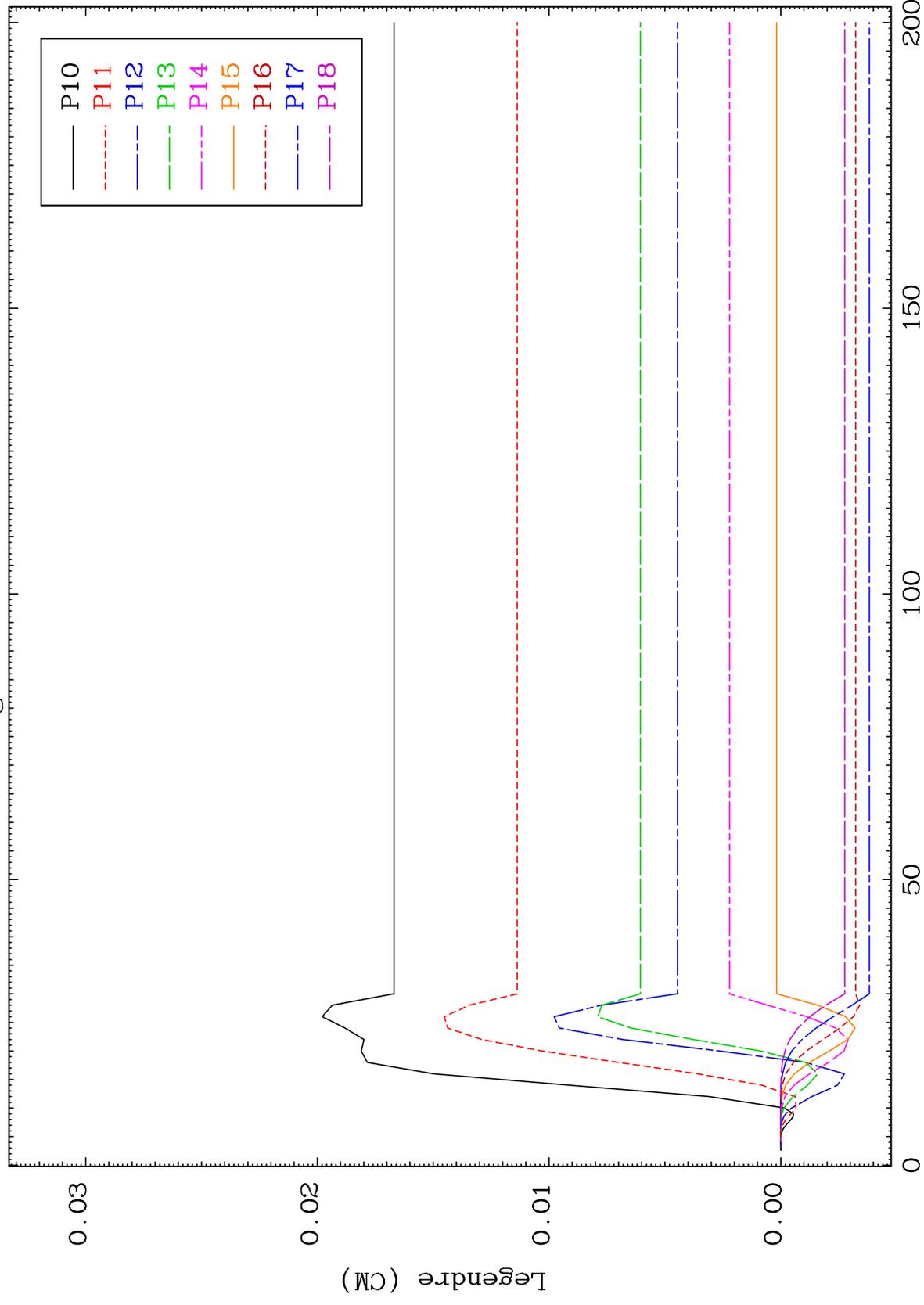
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

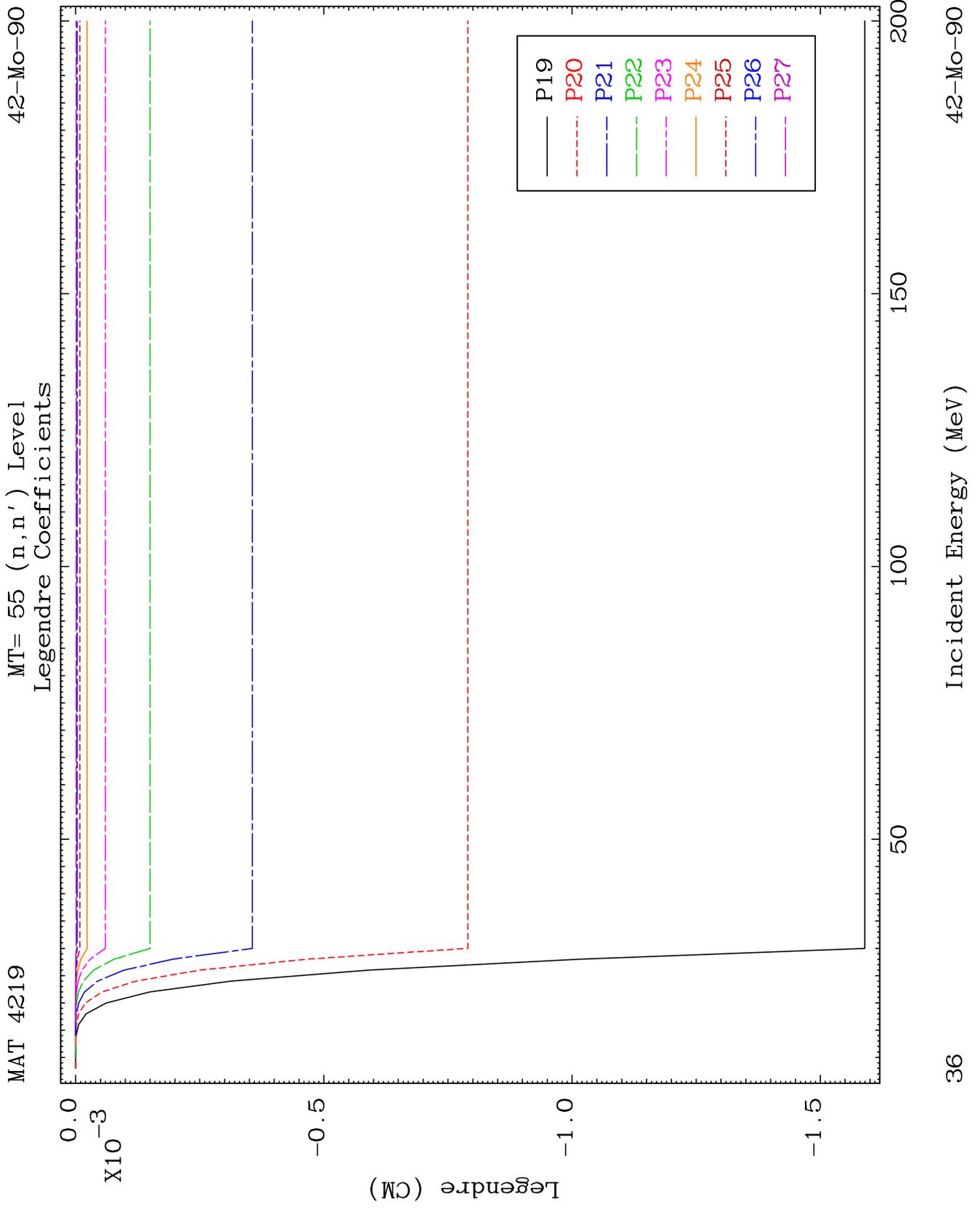
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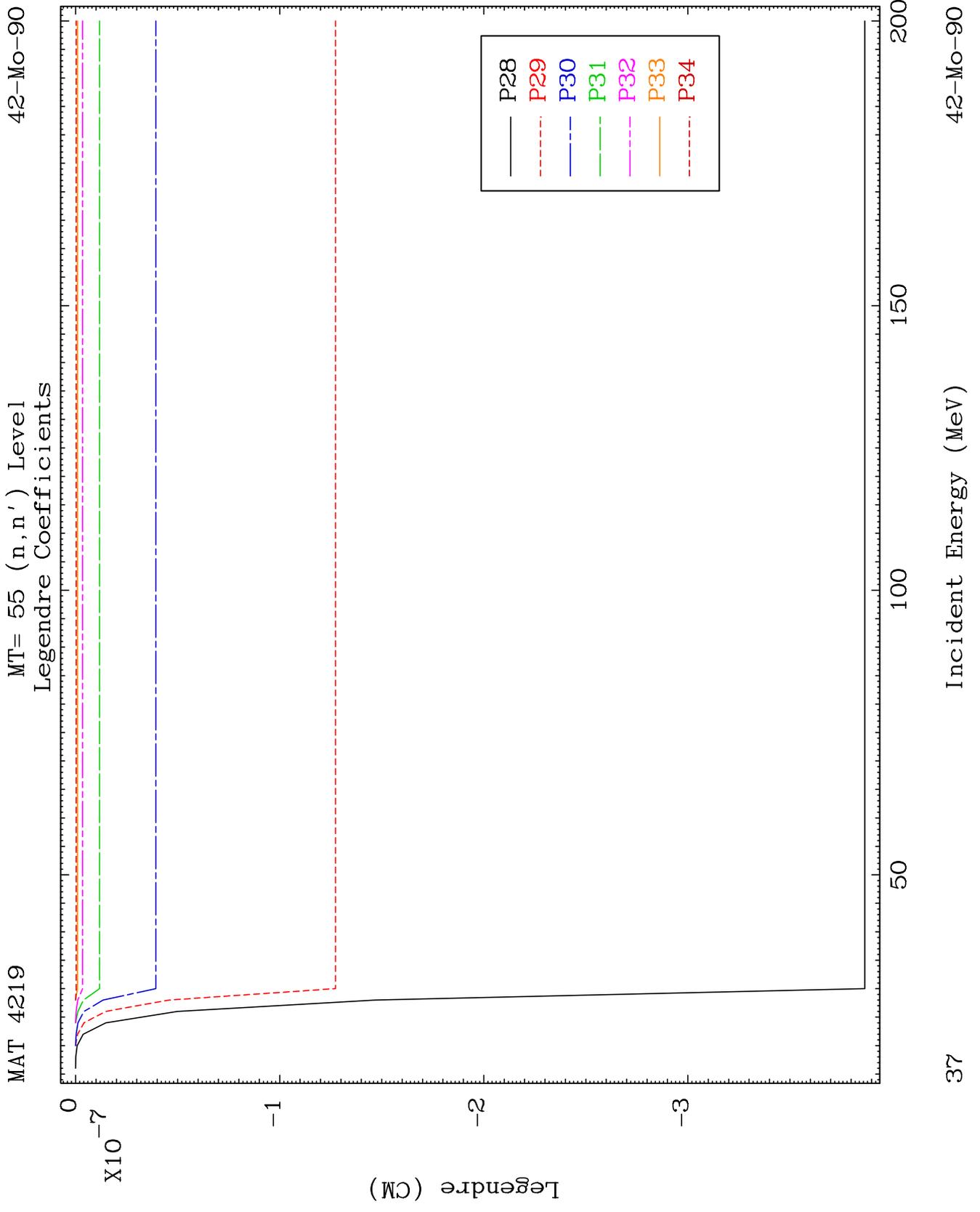


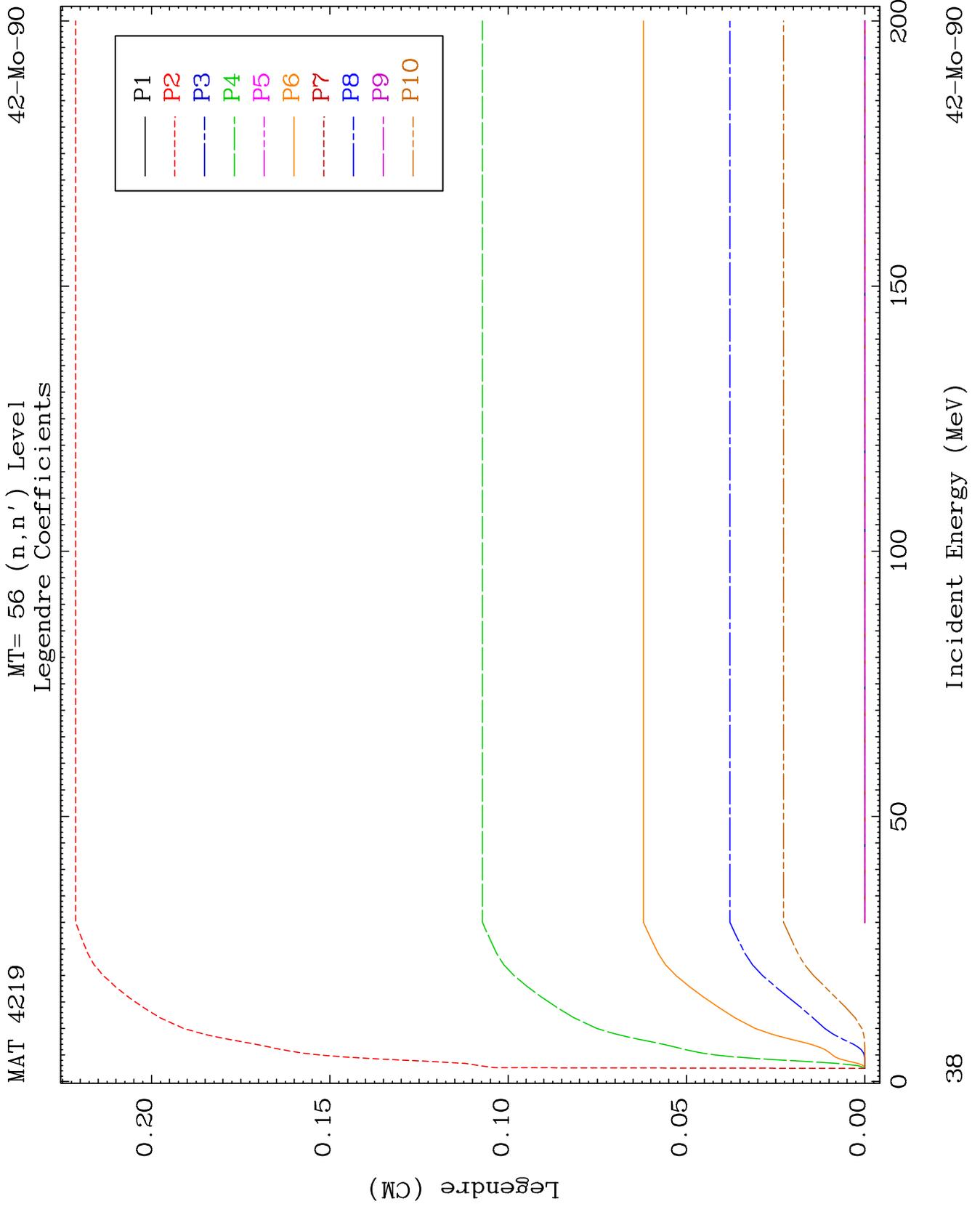
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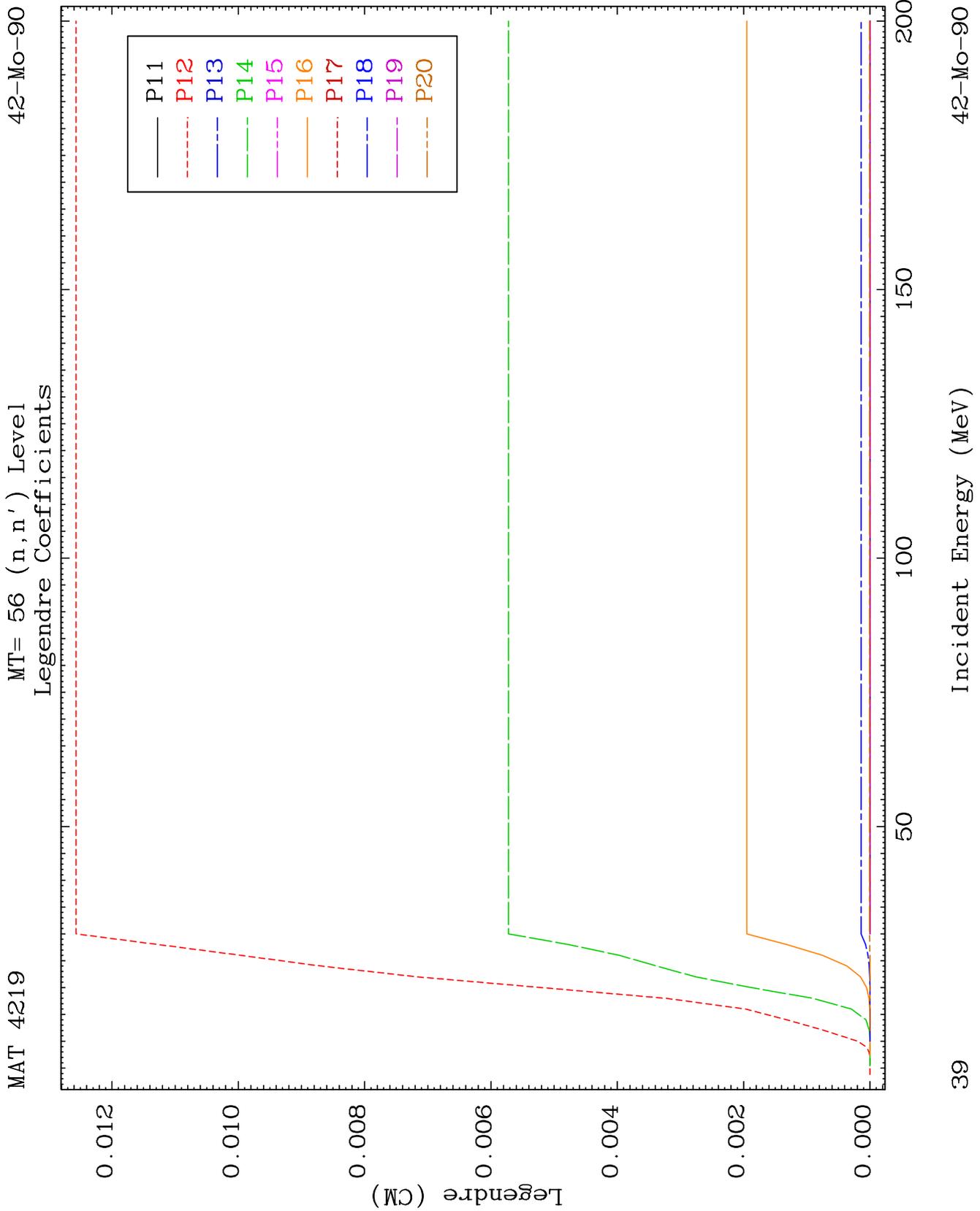
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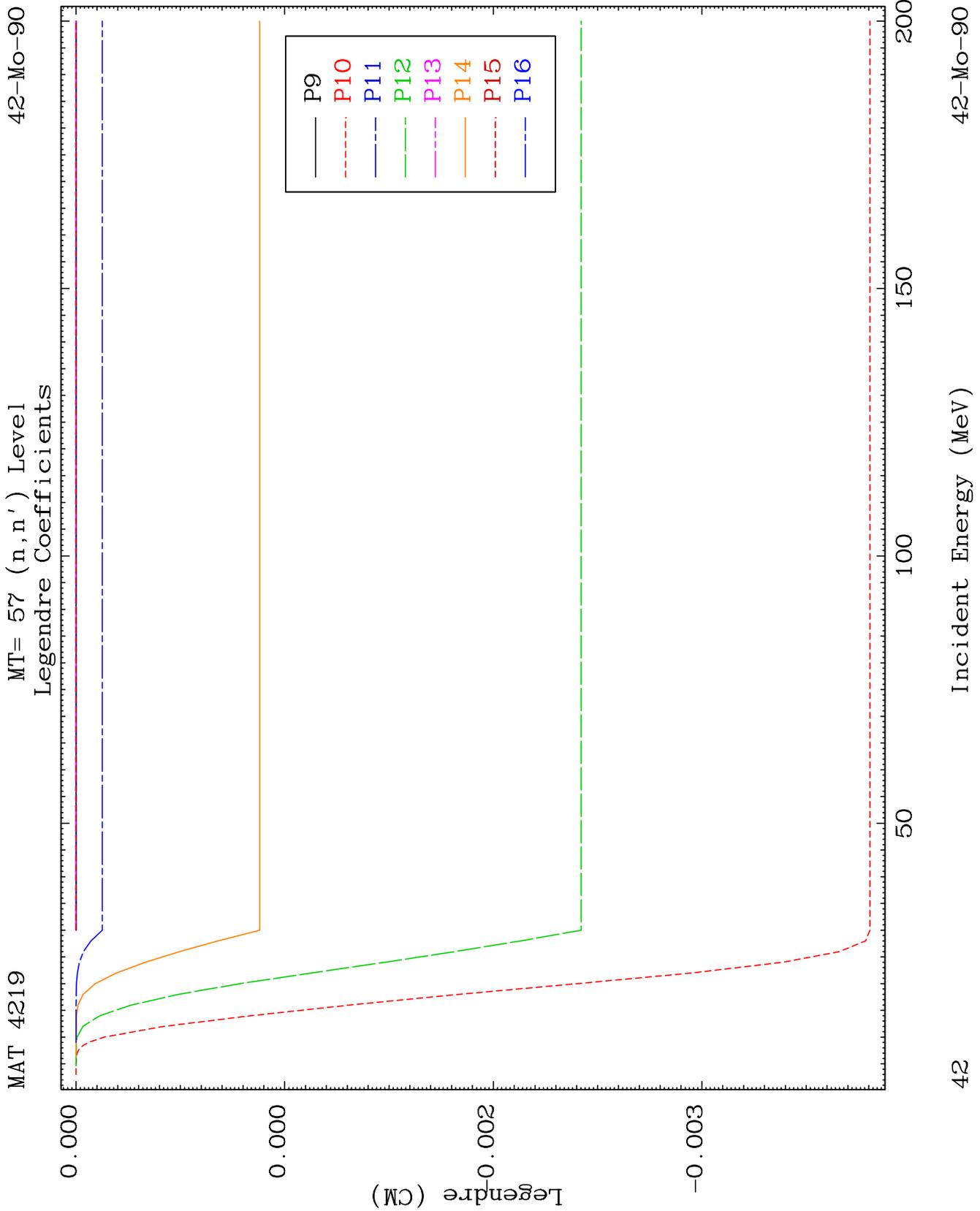
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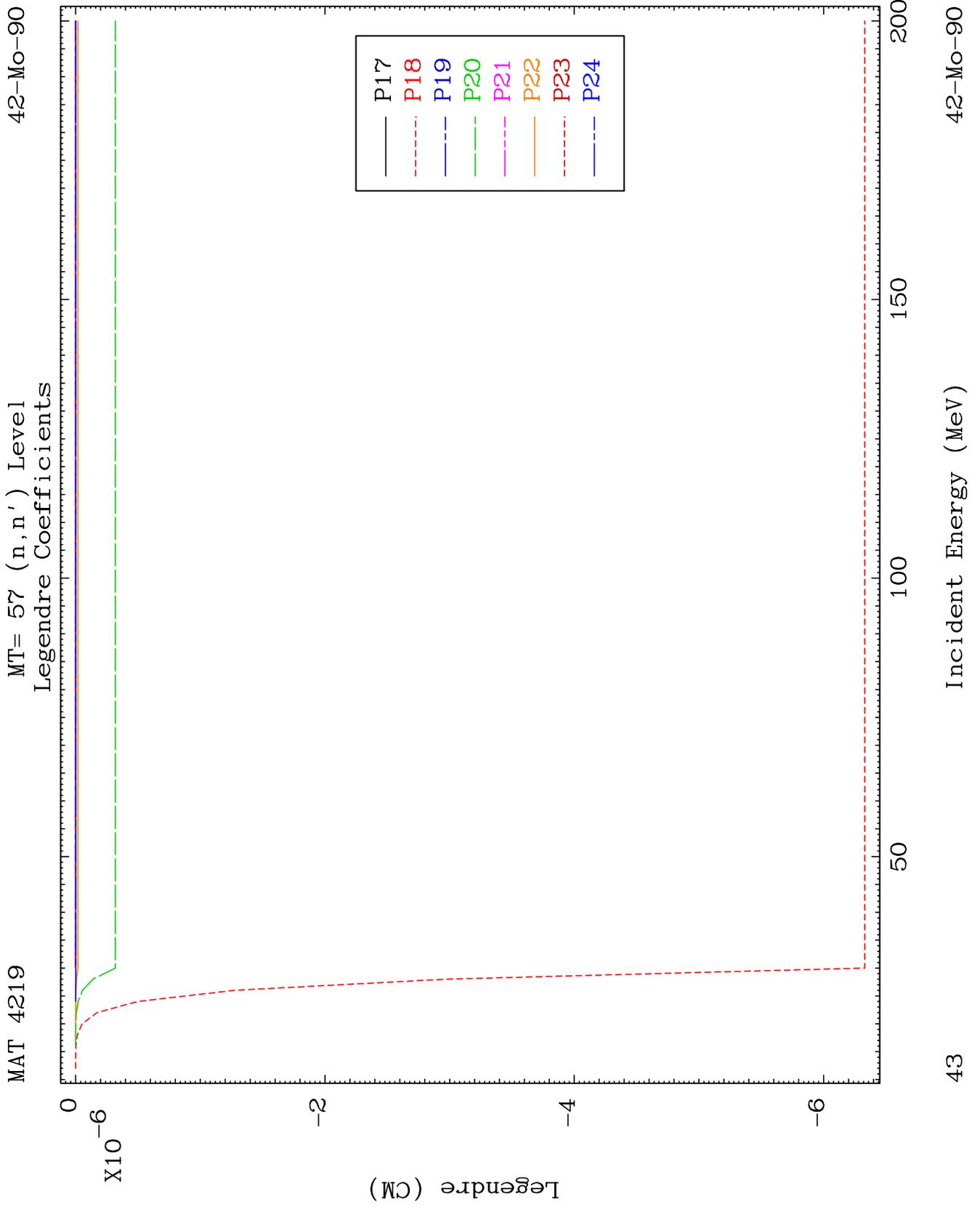








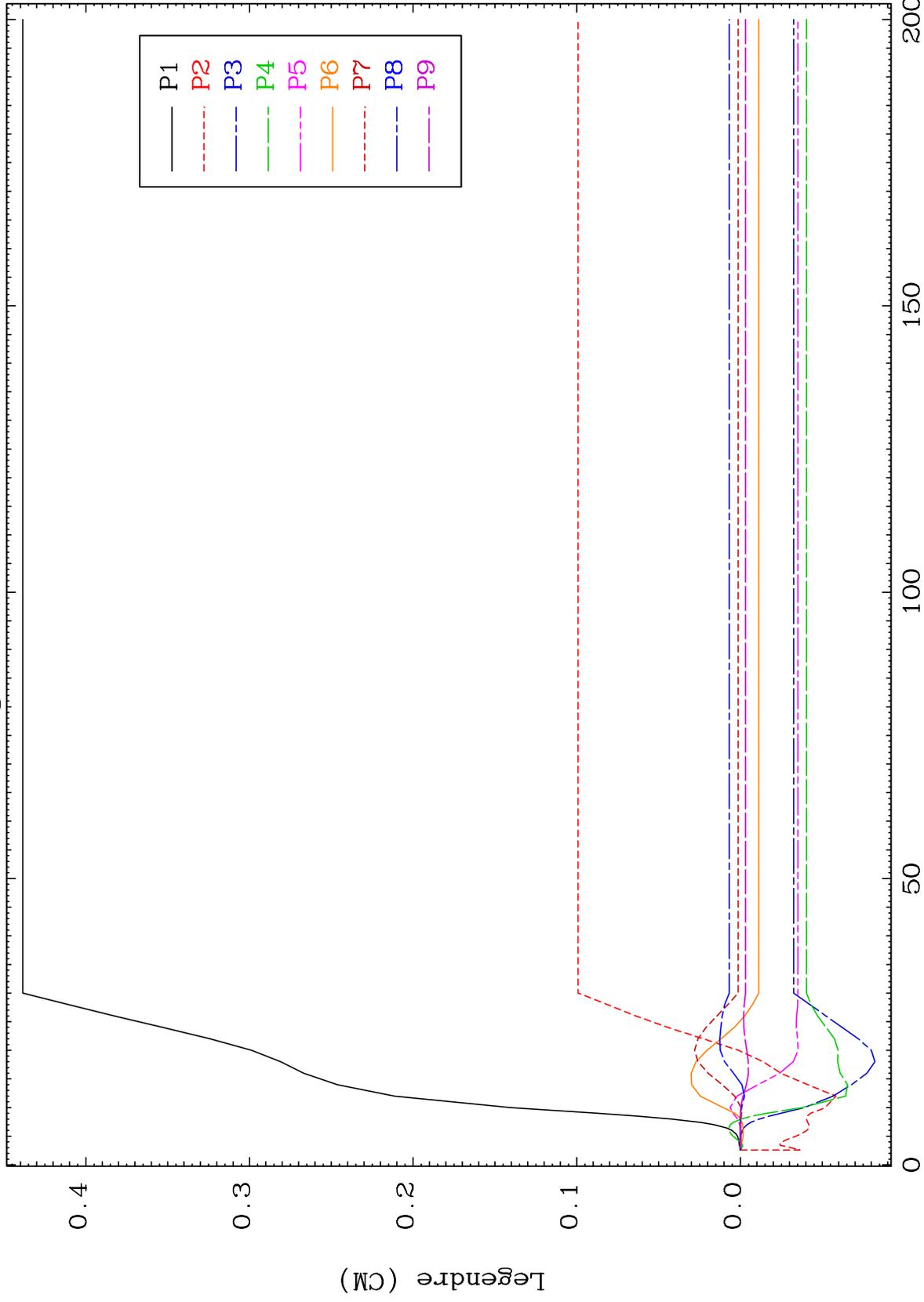




MAT 4219

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

42-Mo-90



44

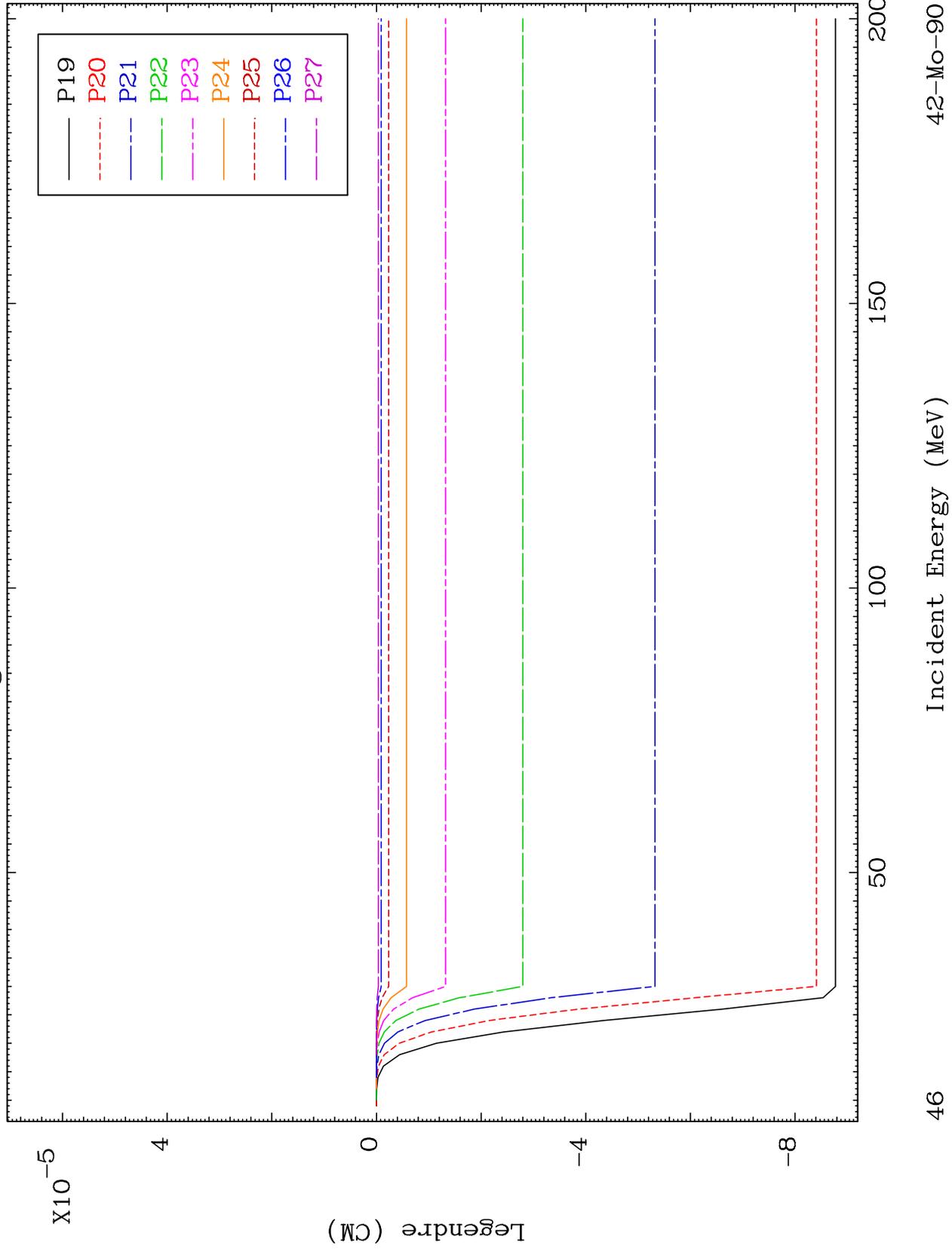
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

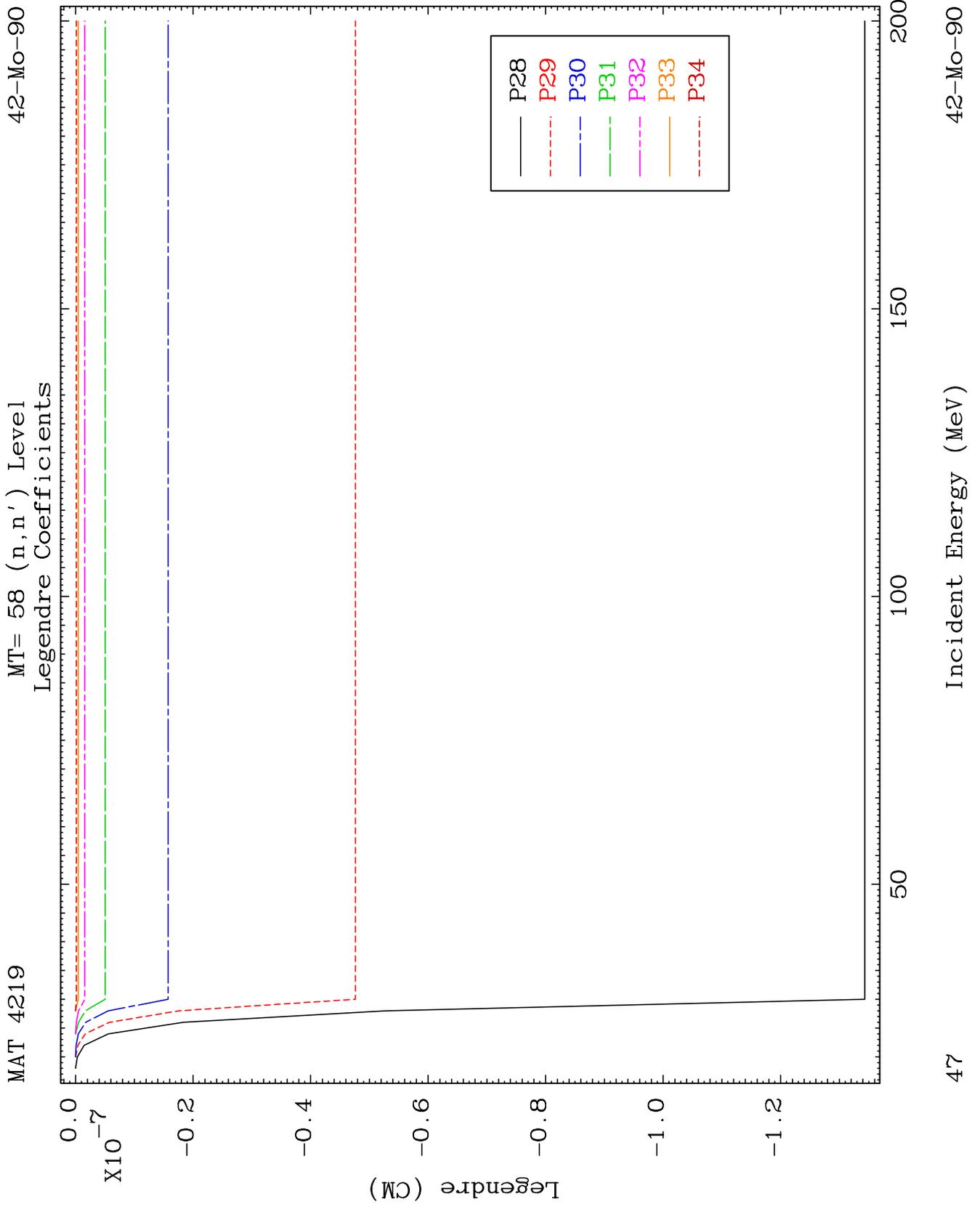
42-Mo-90



46

Incident Energy (MeV)

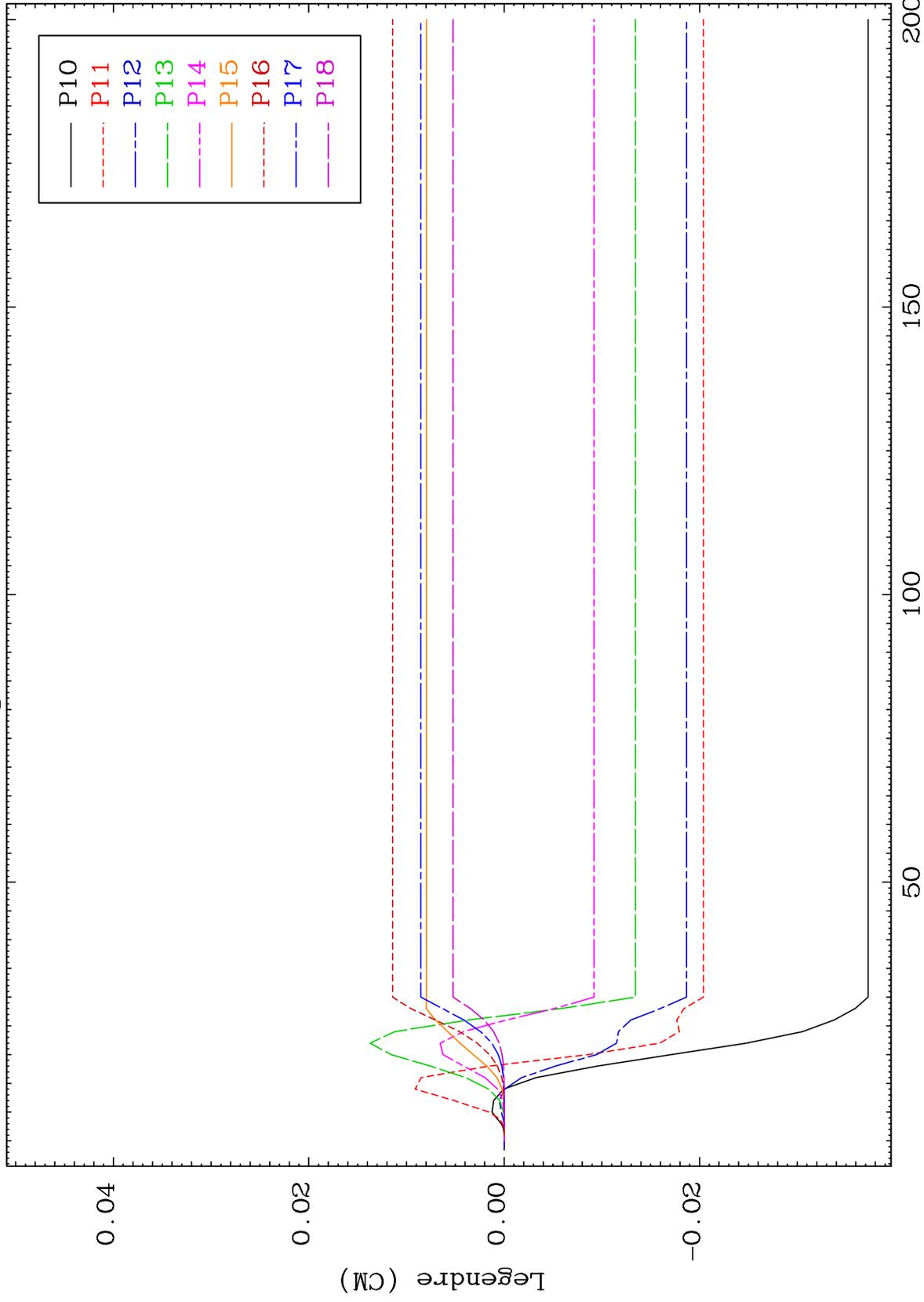
42-Mo-90



MAT 4219

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

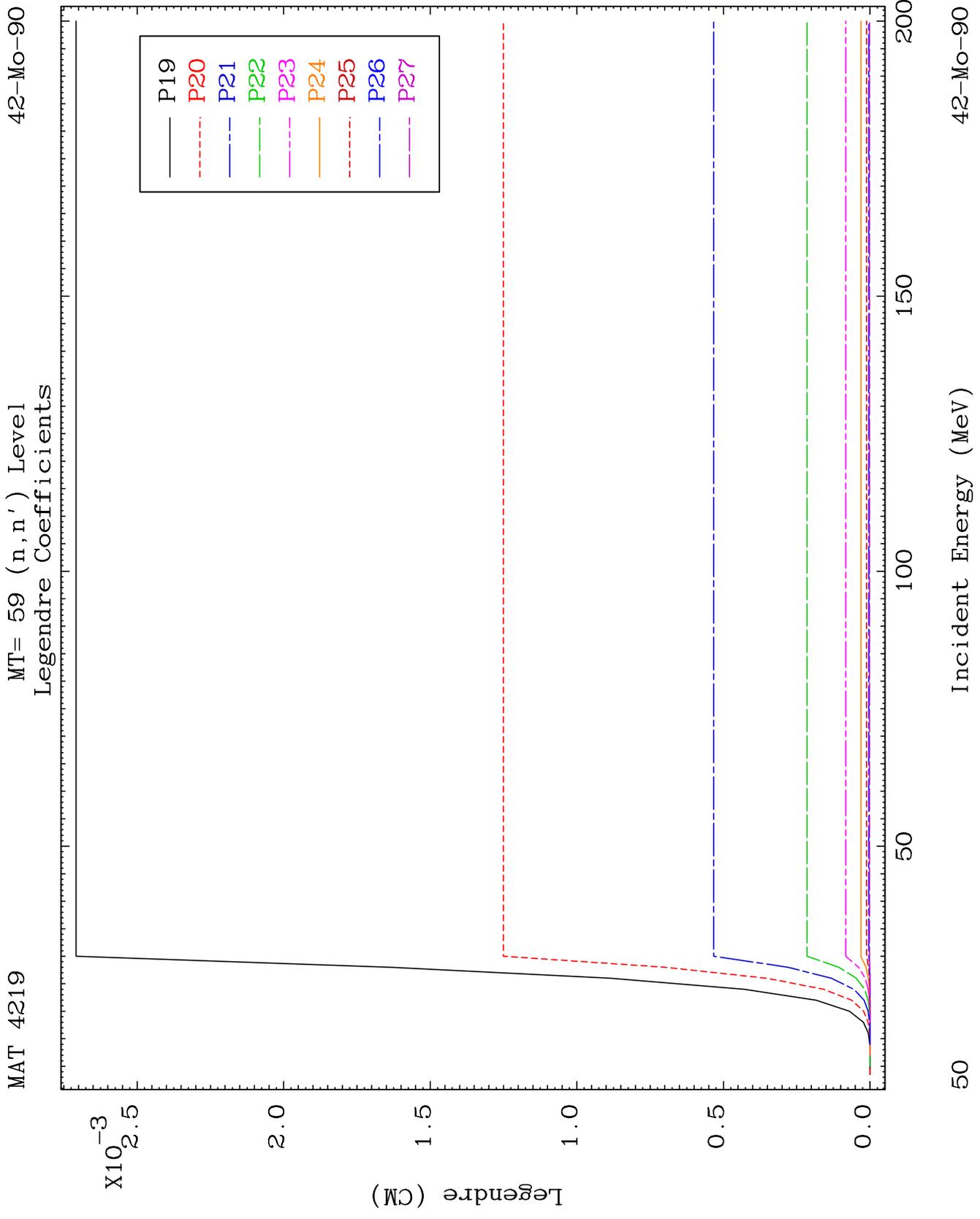
42-Mo-90



49

Incident Energy (MeV)

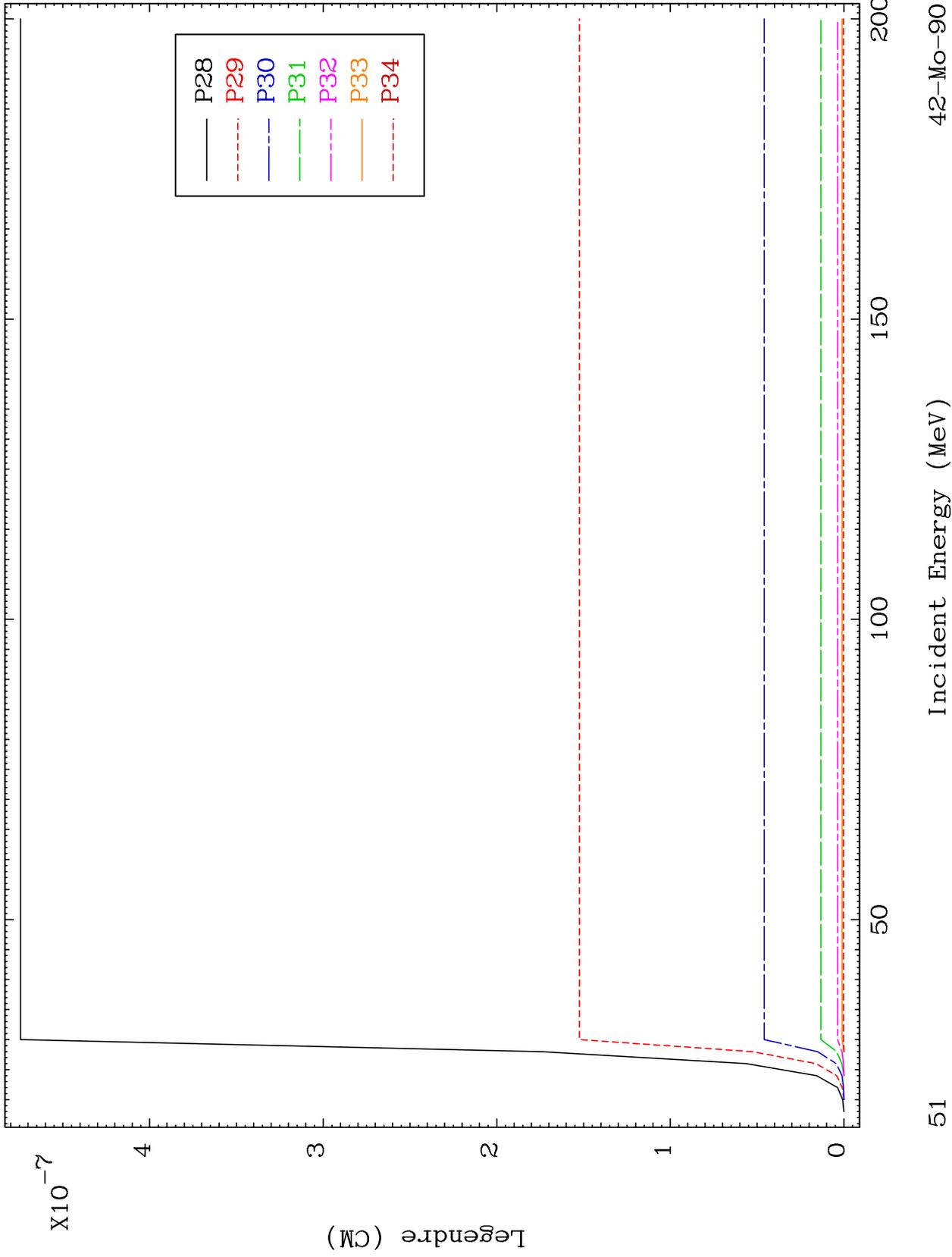
42-Mo-90



MAT 4219

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

42-Mo-90



51

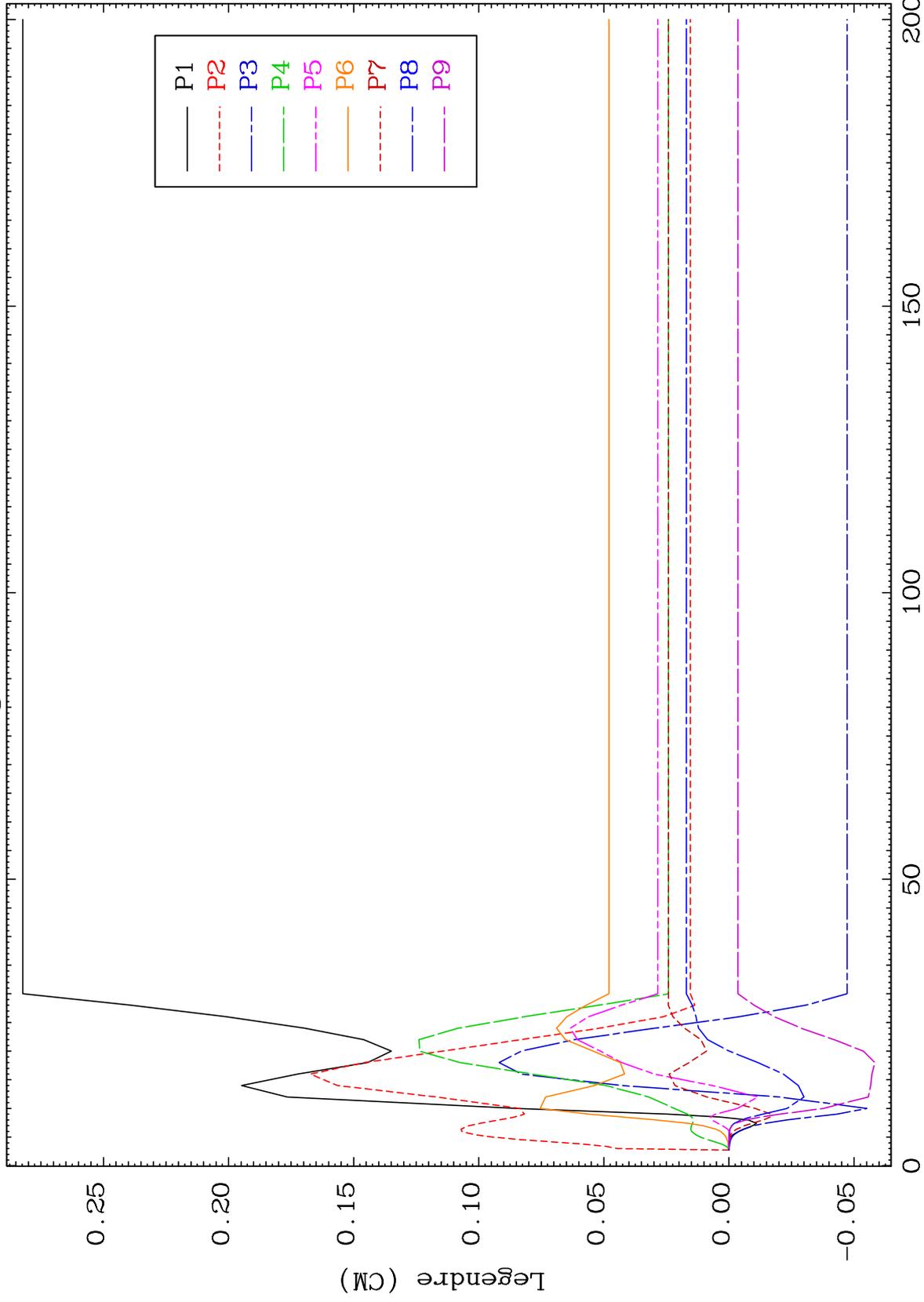
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

42-Mo-90



52

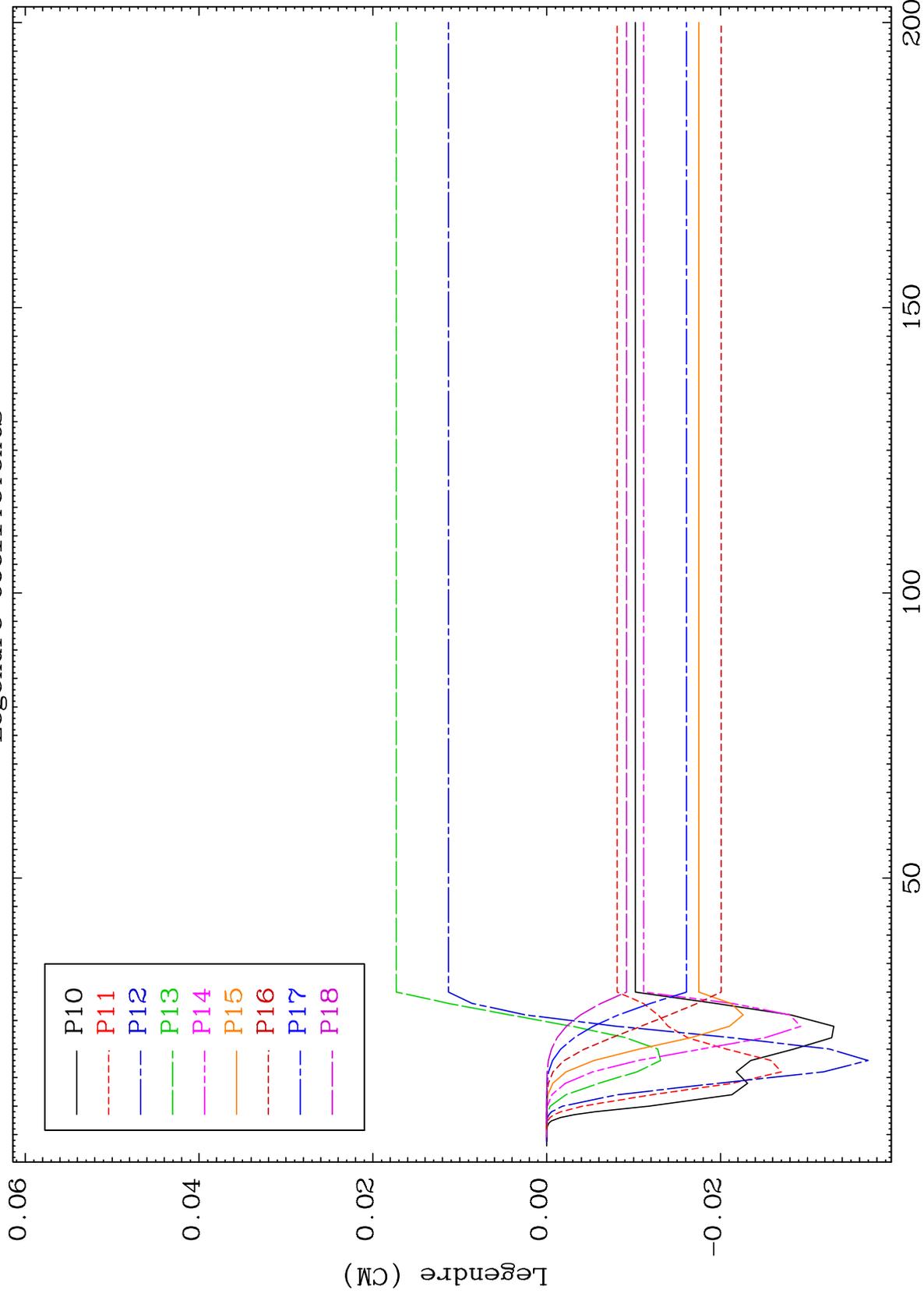
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

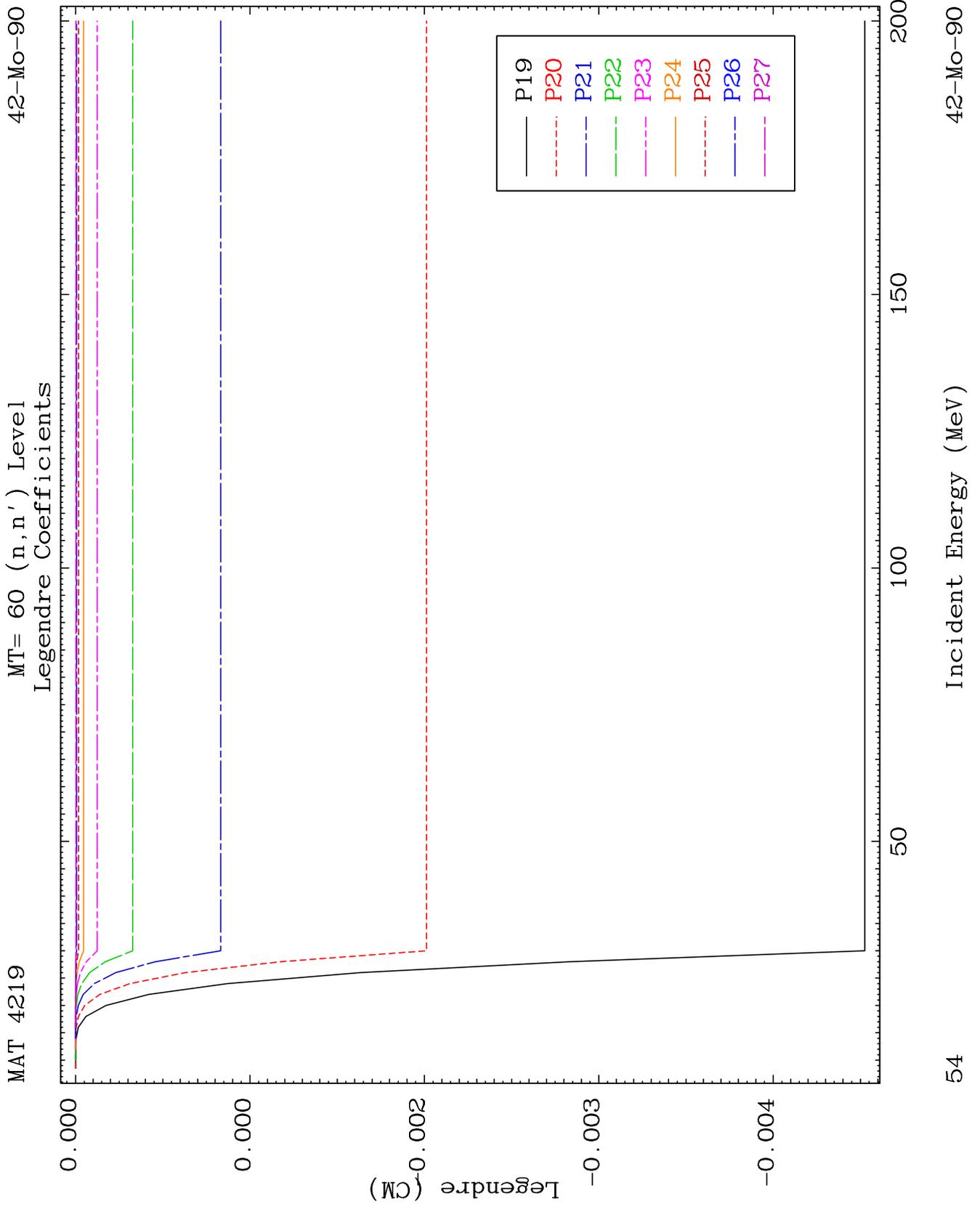
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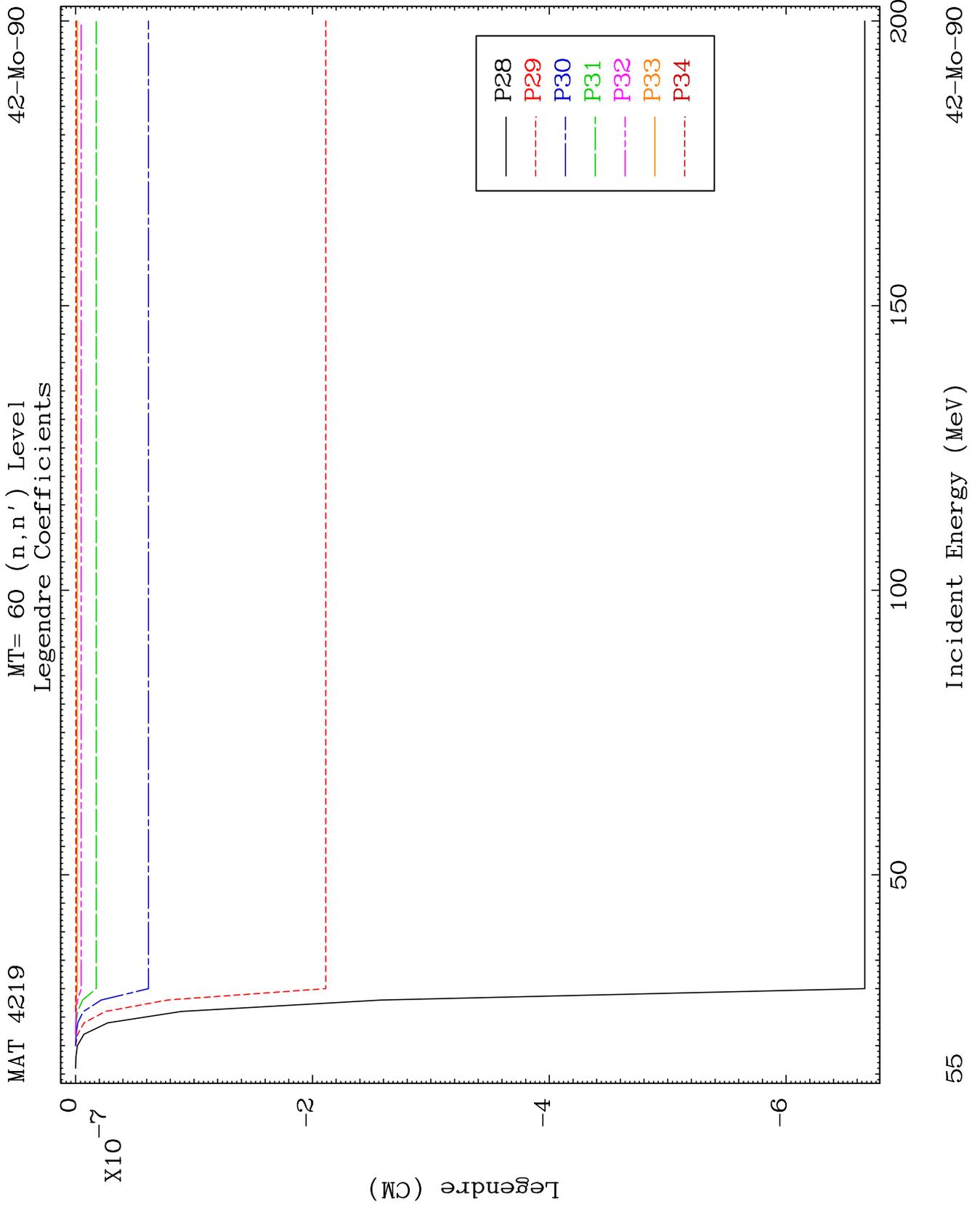


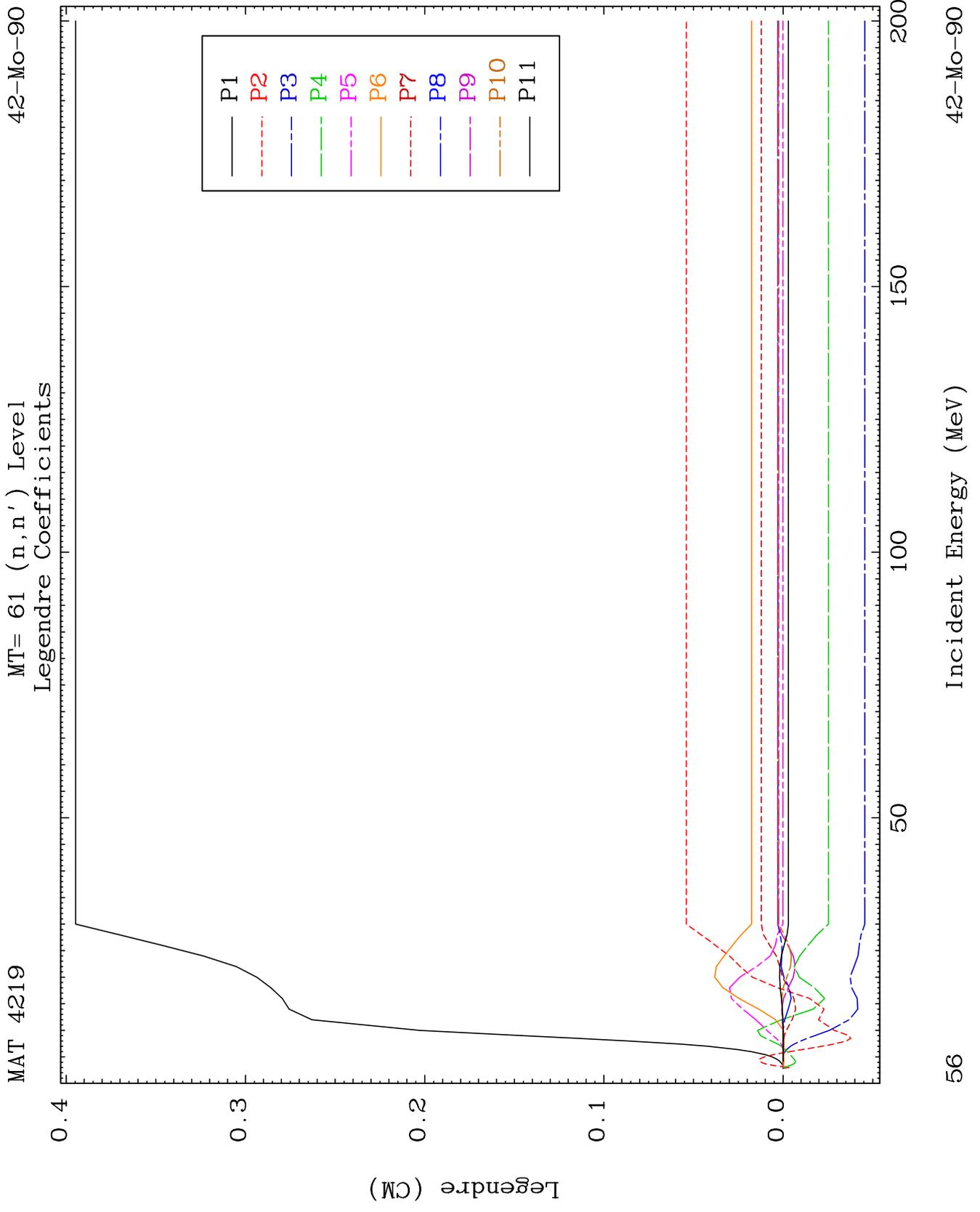
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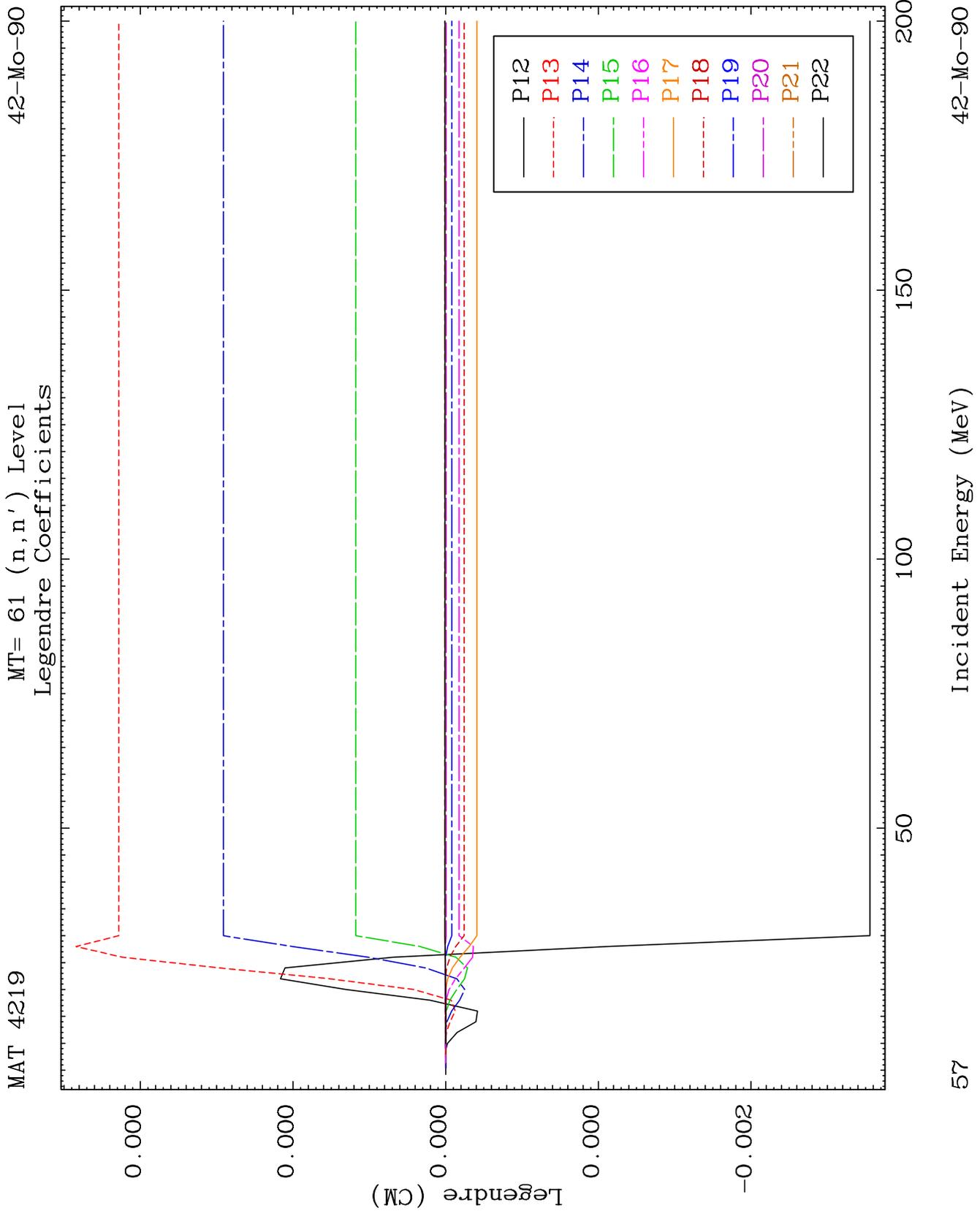
Incident Energy (MeV)

42-Mo-90





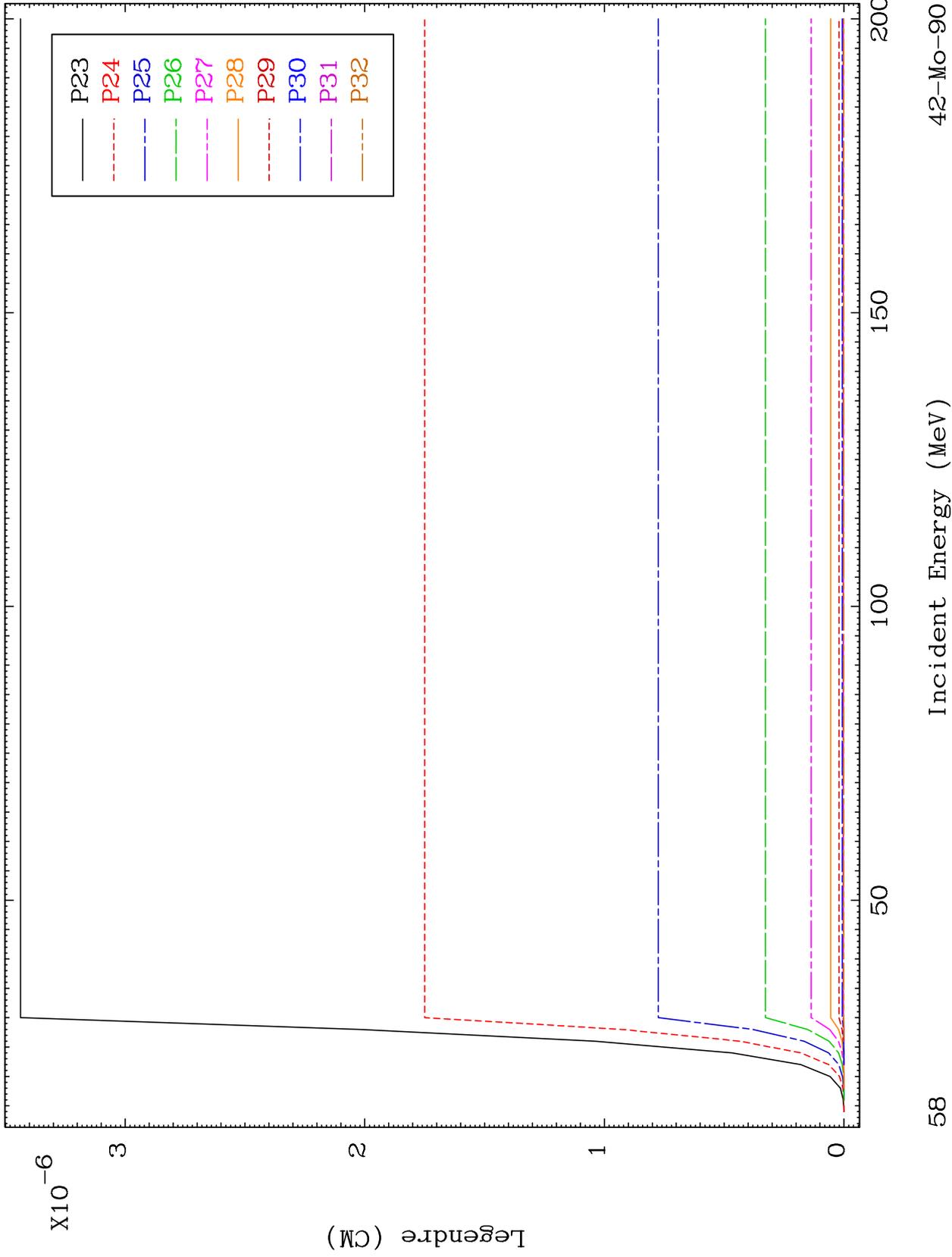




MAT 4219

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

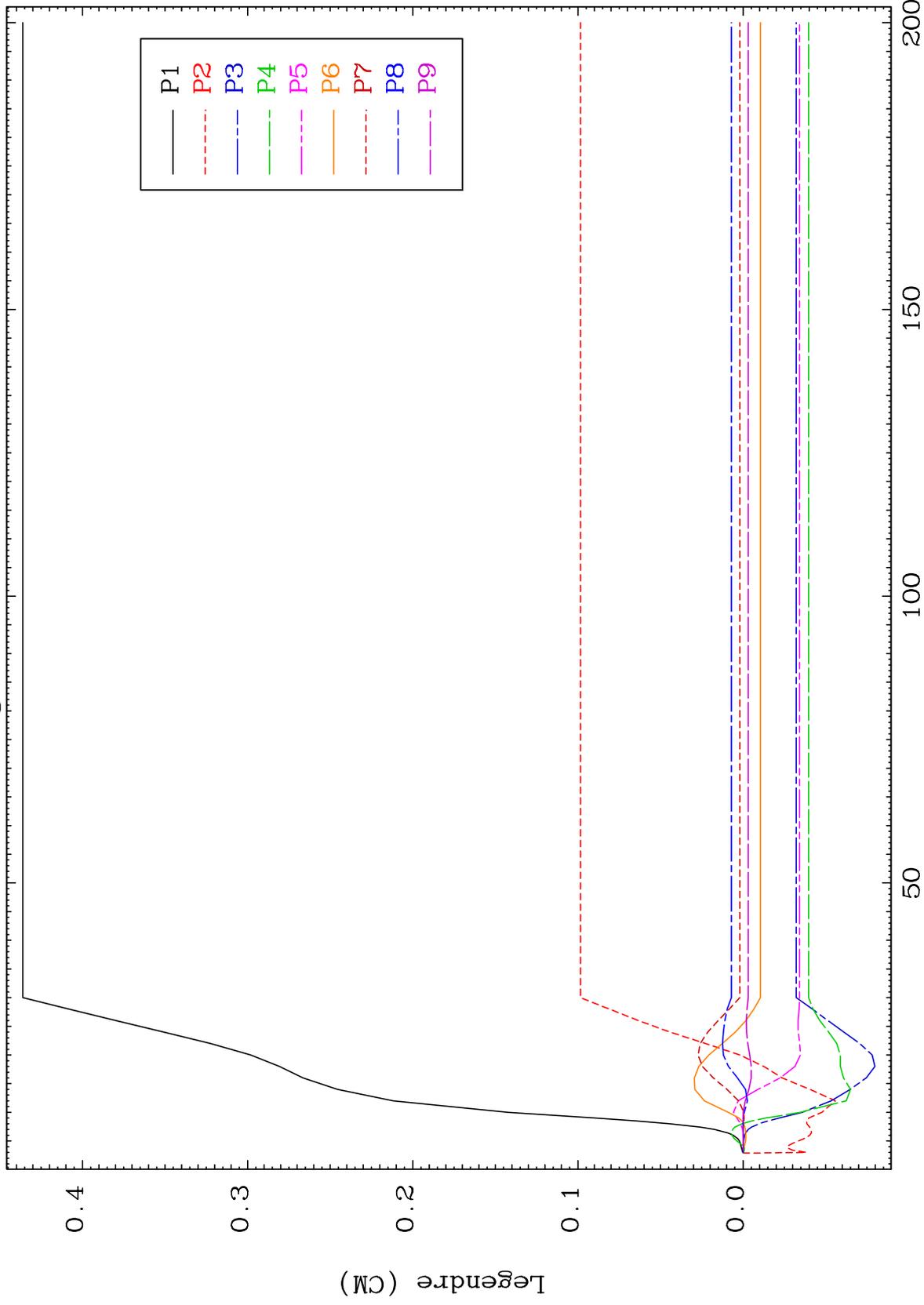
42-Mo-90



MAT 4219

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

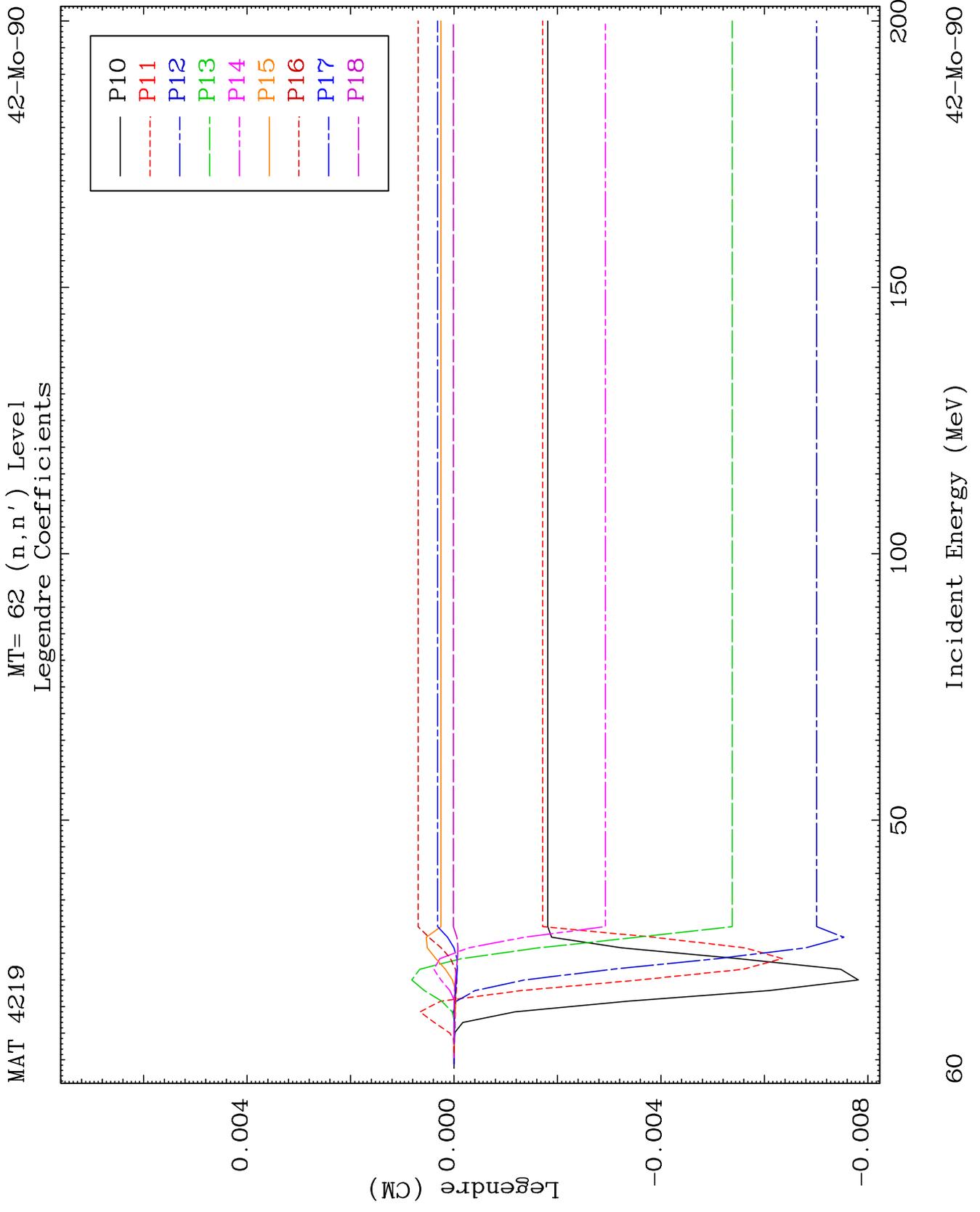
42-Mo-90



59

Incident Energy (MeV)

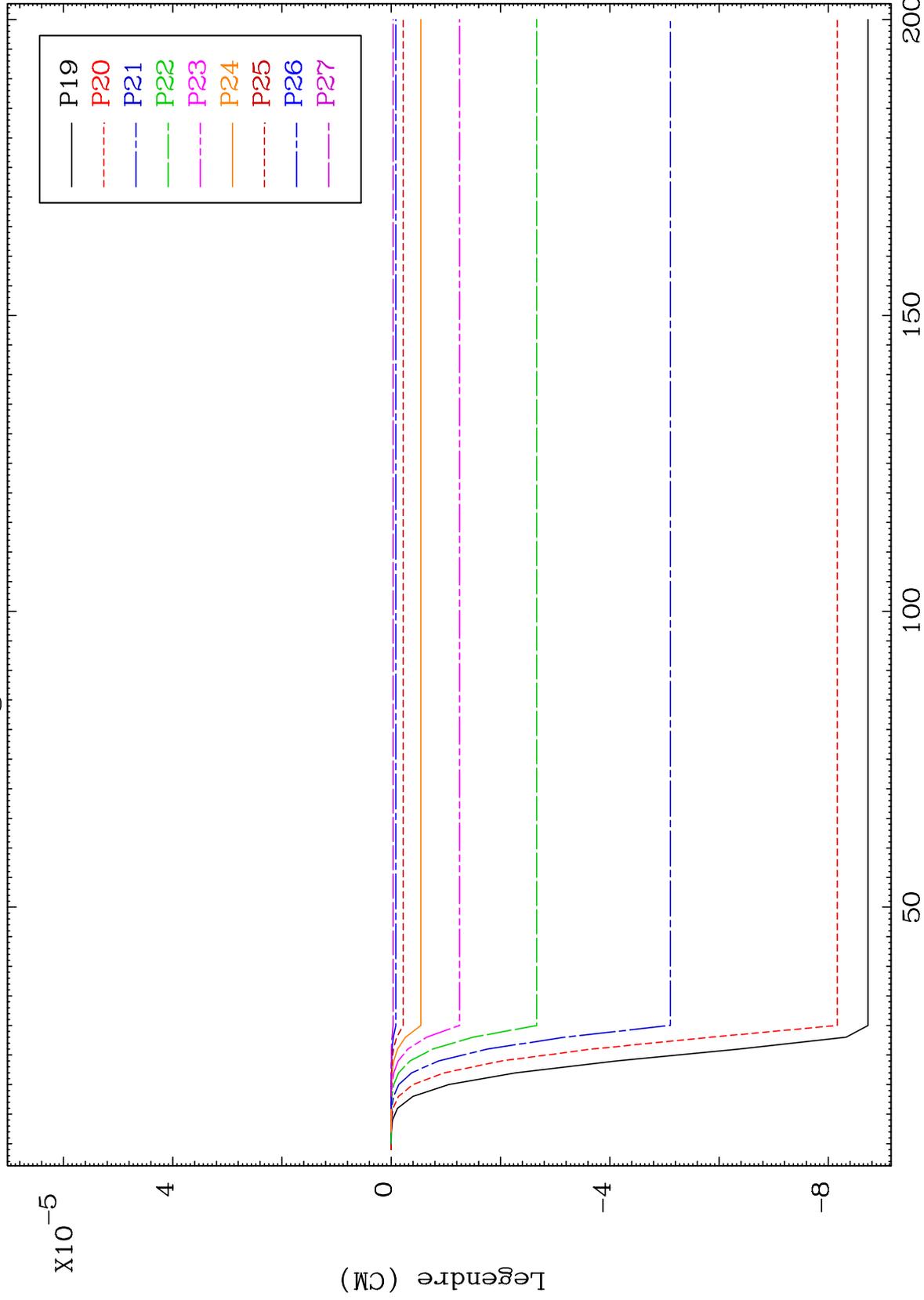
42-Mo-90



MAT 4219

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

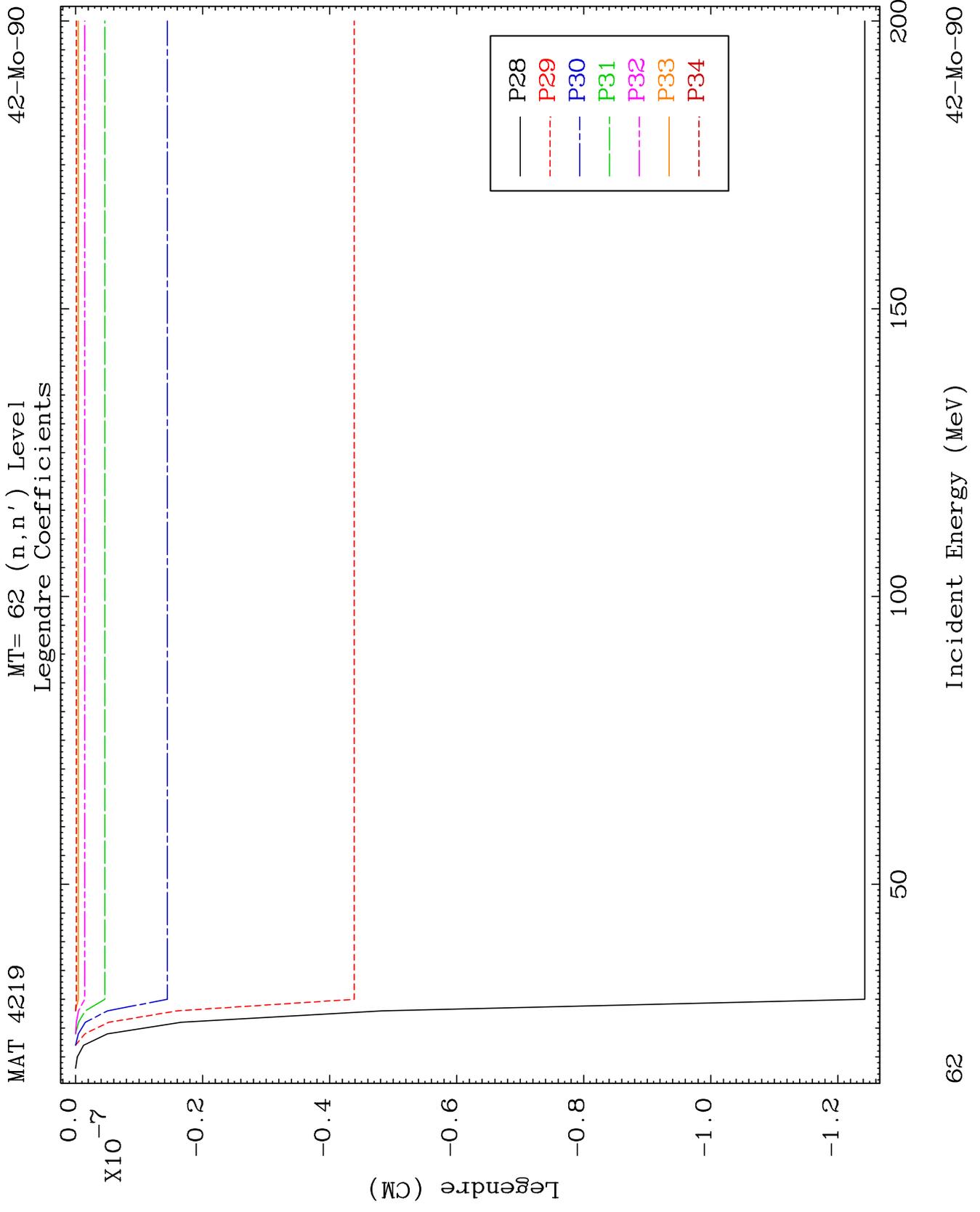
42-Mo-90



61

Incident Energy (MeV)

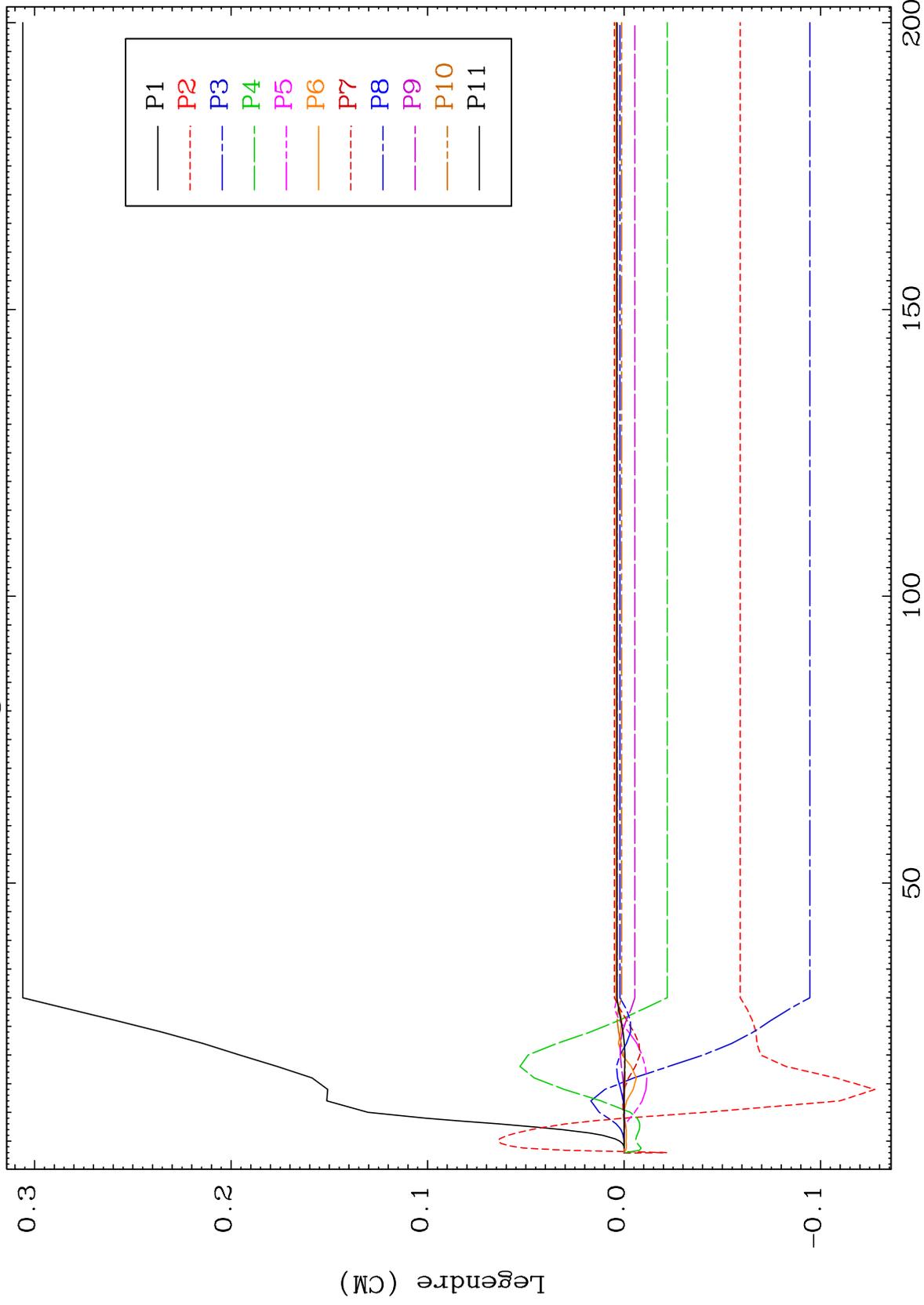
42-Mo-90



MAT 4219

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

42-Mo-90



63

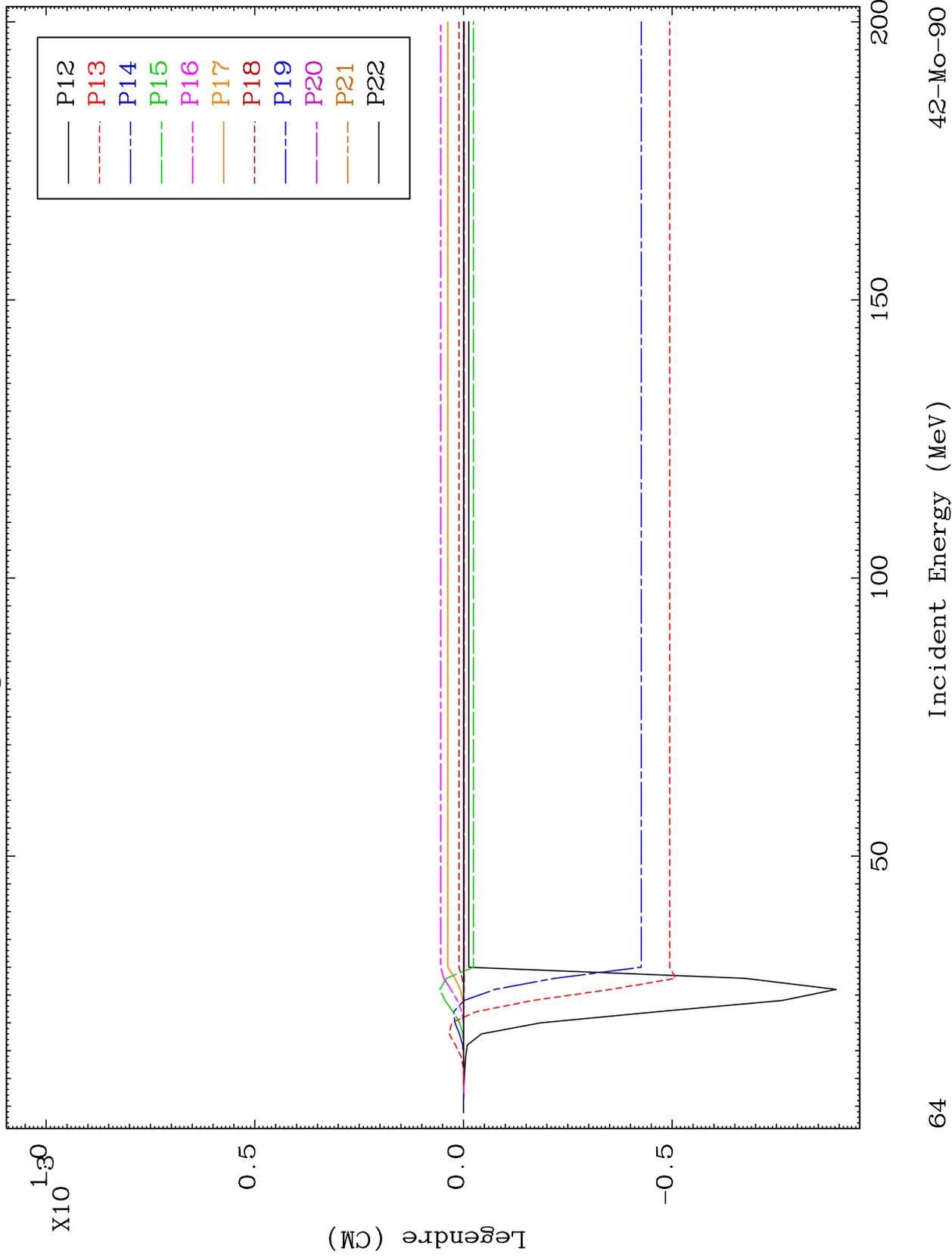
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

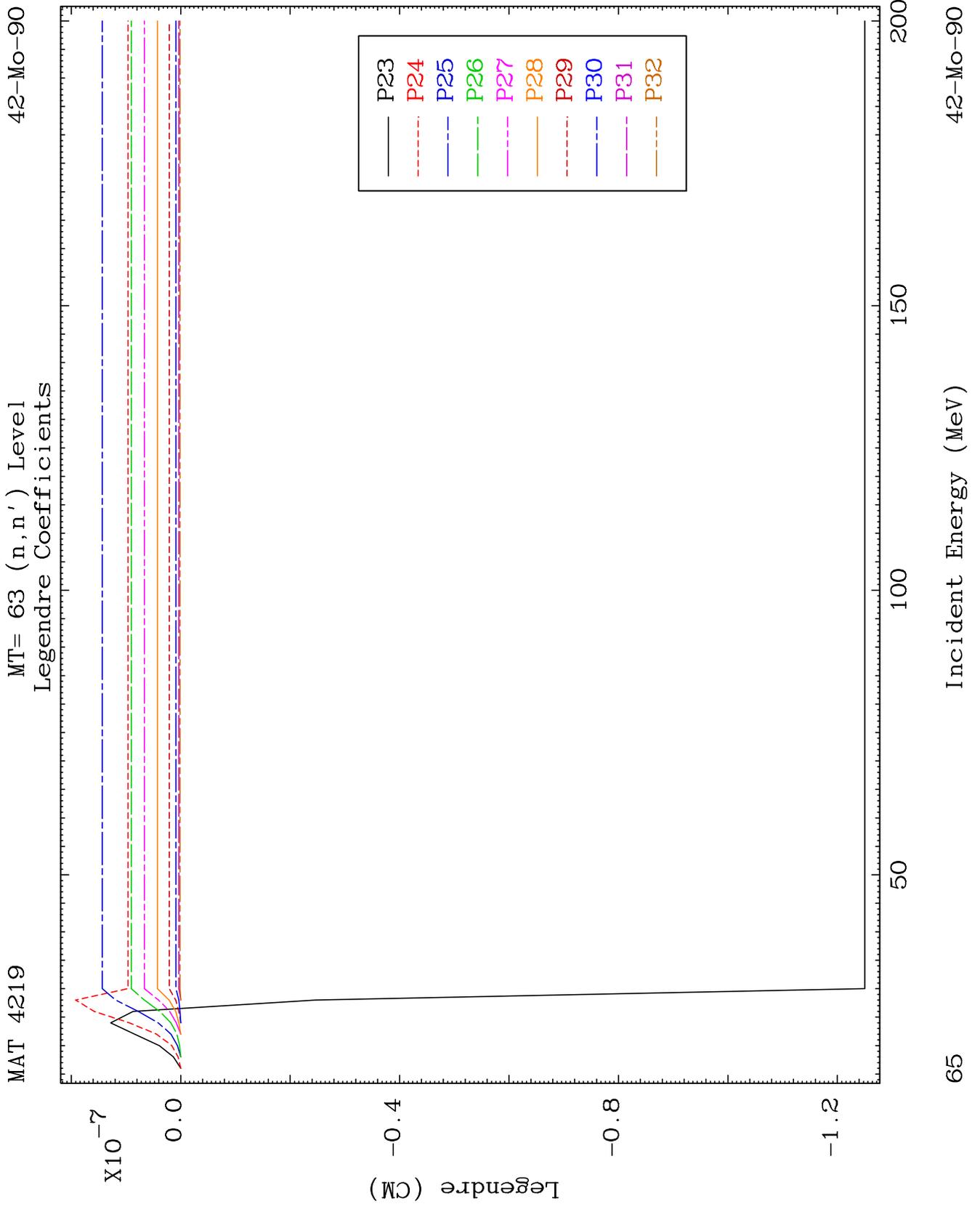
42-Mo-90



64

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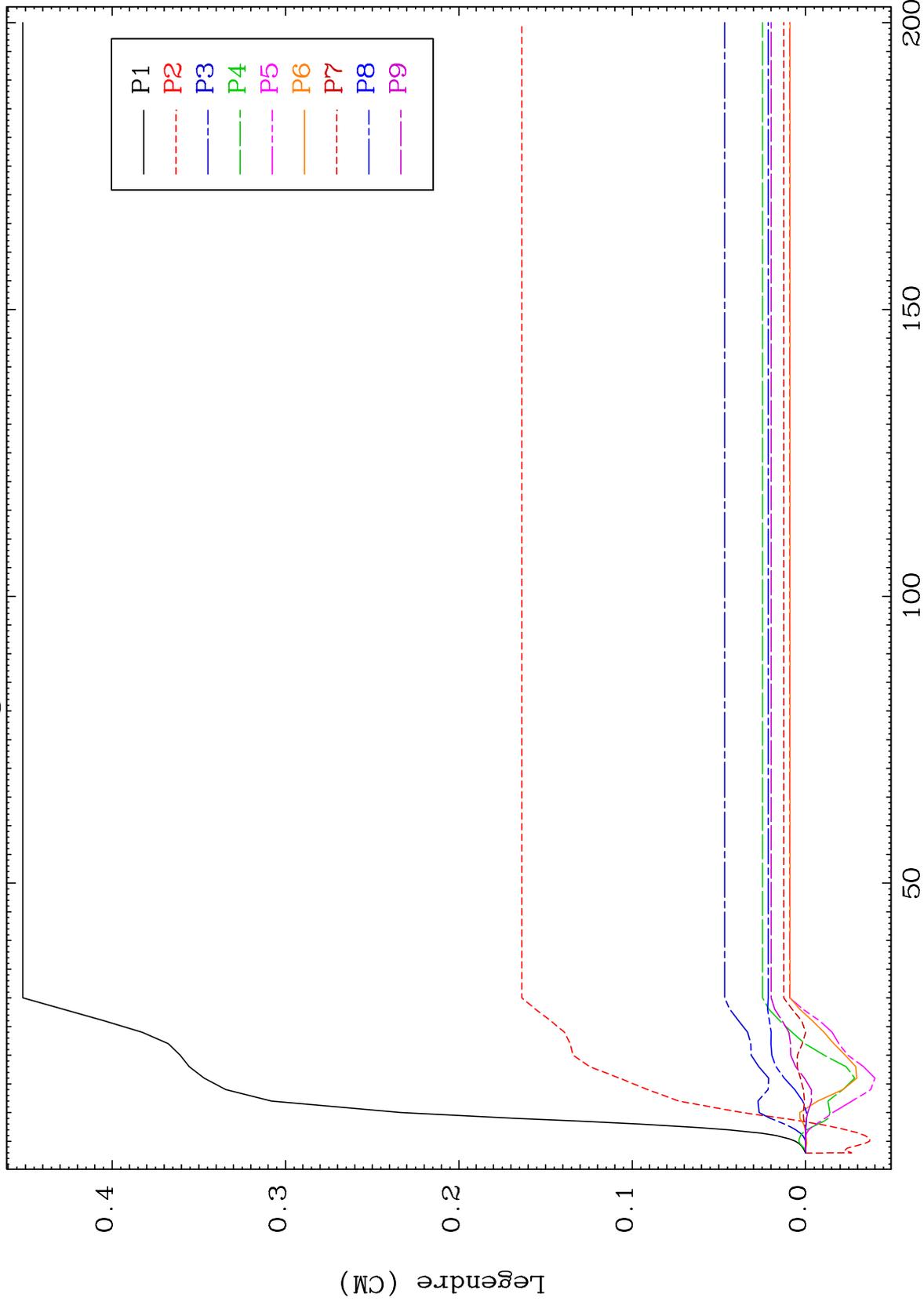
42-Mo-90



MAT 4219

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

42-Mo-90



66

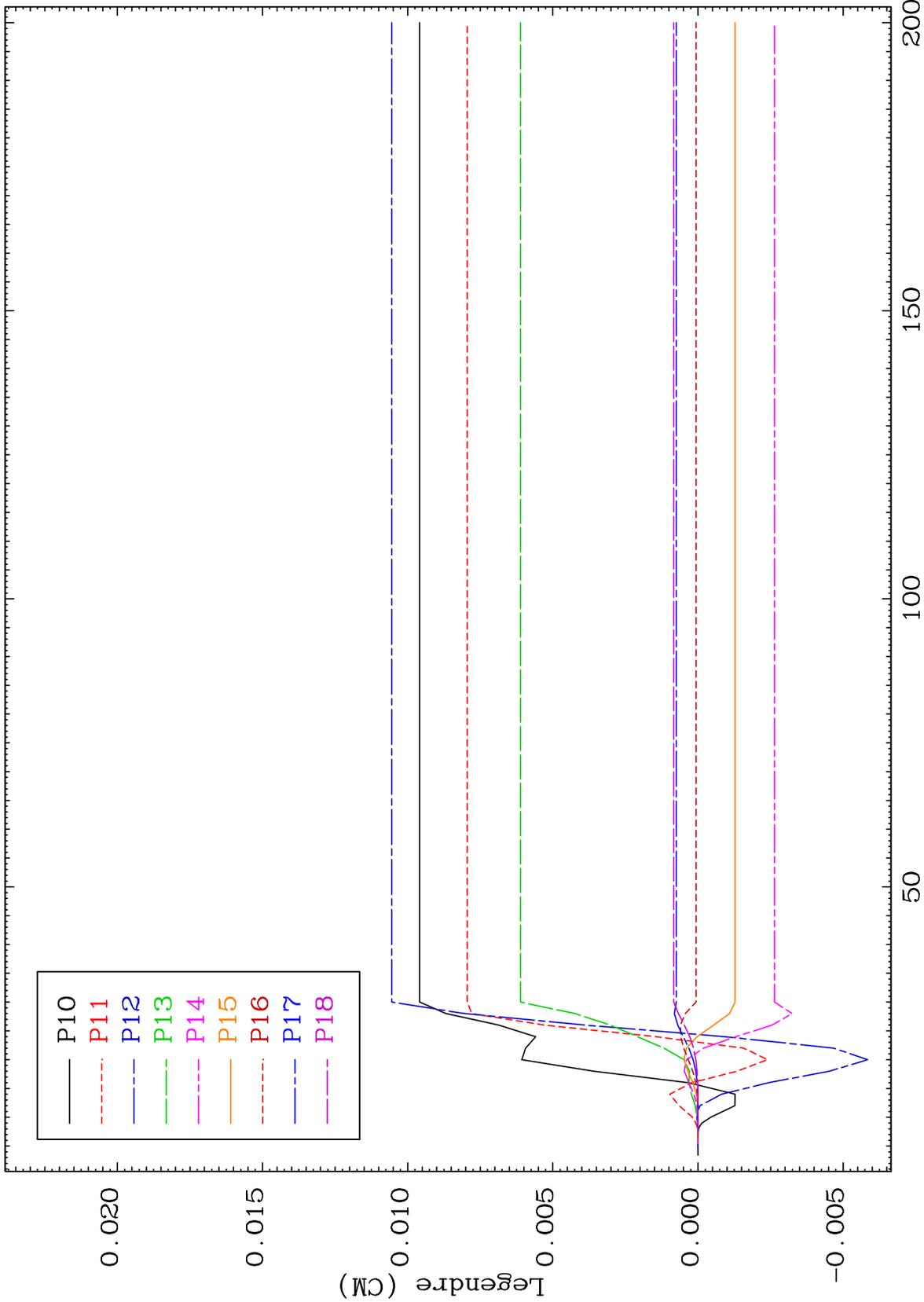
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

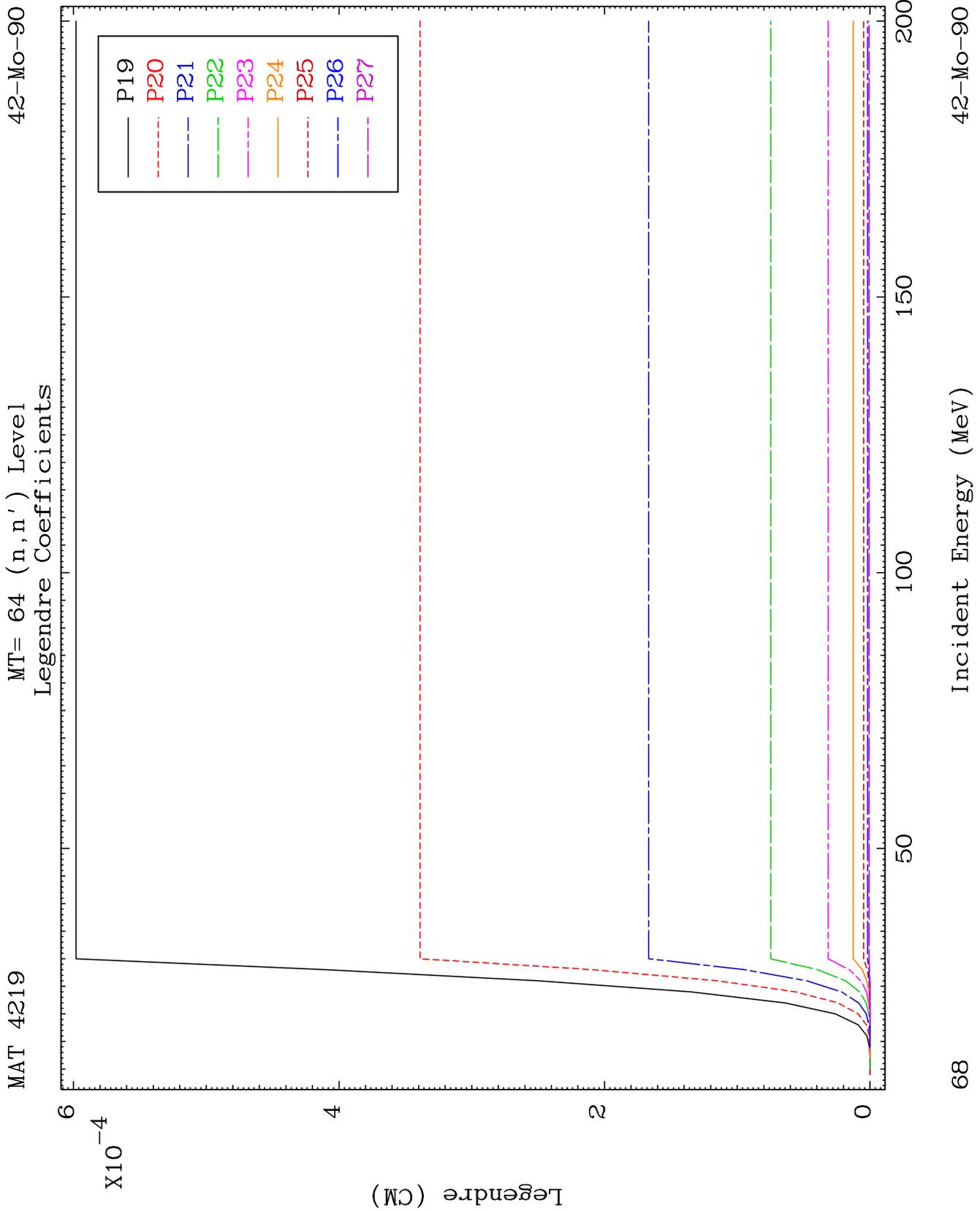
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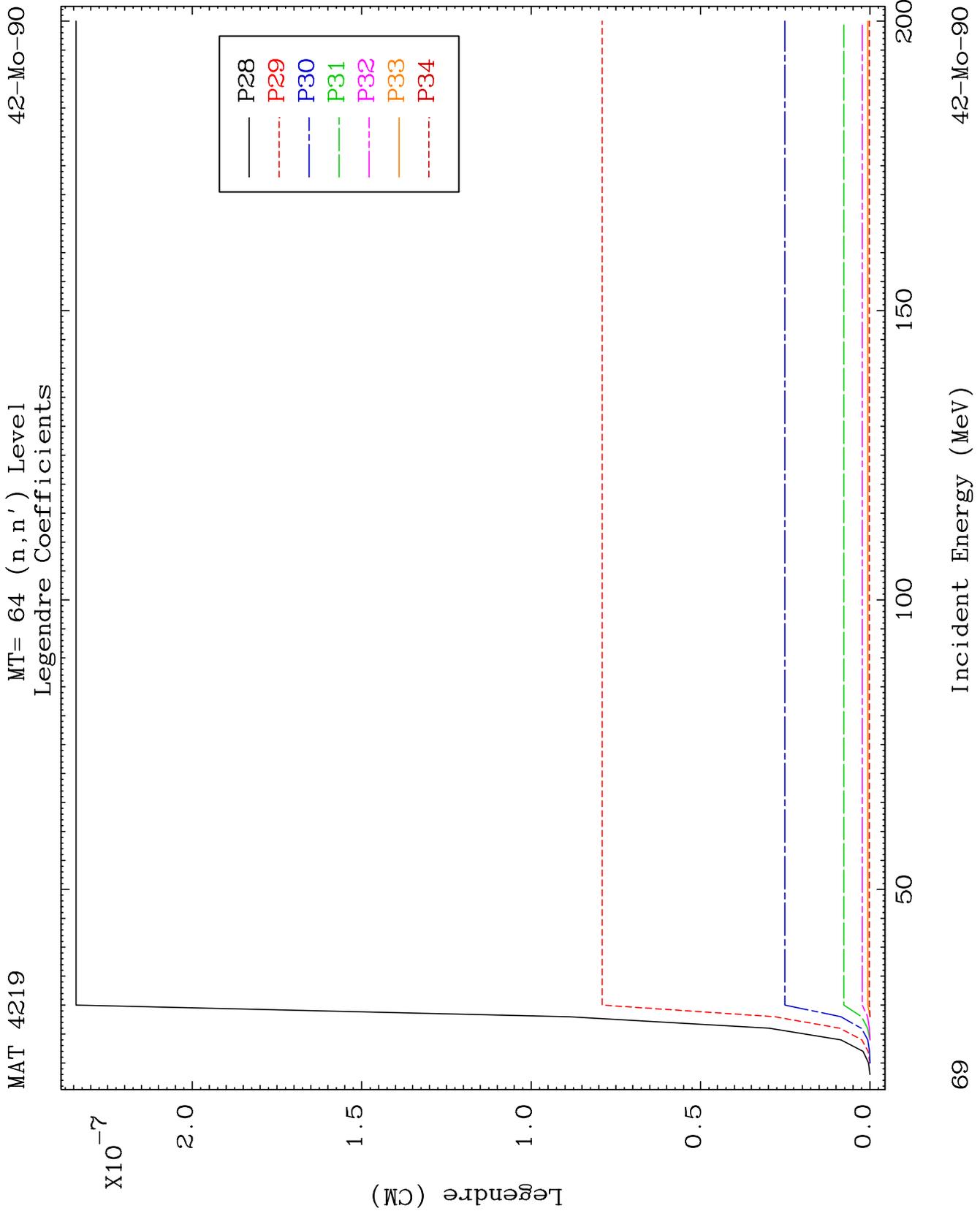


67

Incident Energy (MeV)

42-Mo-90

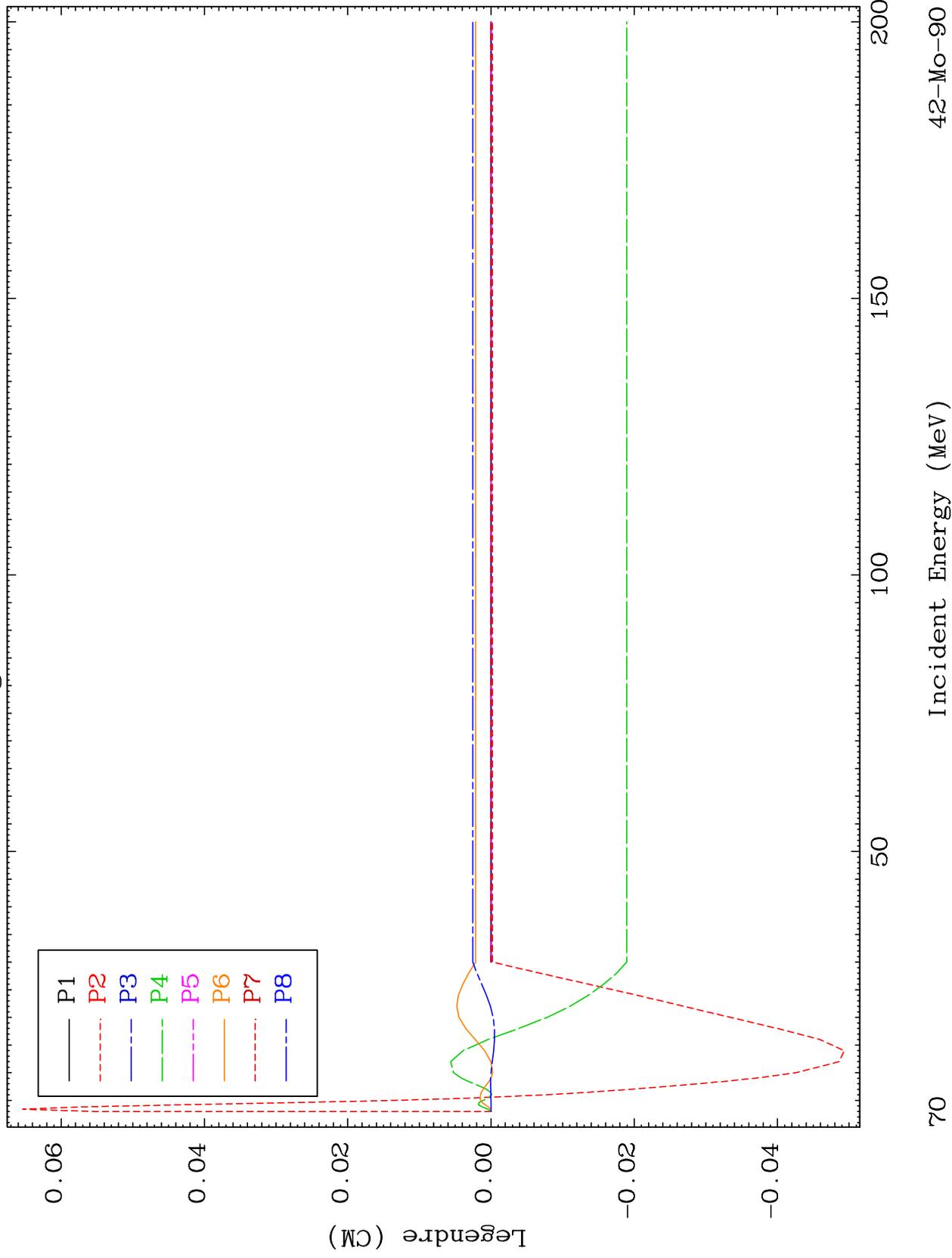




MAT 4219

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

42-Mo-90



70

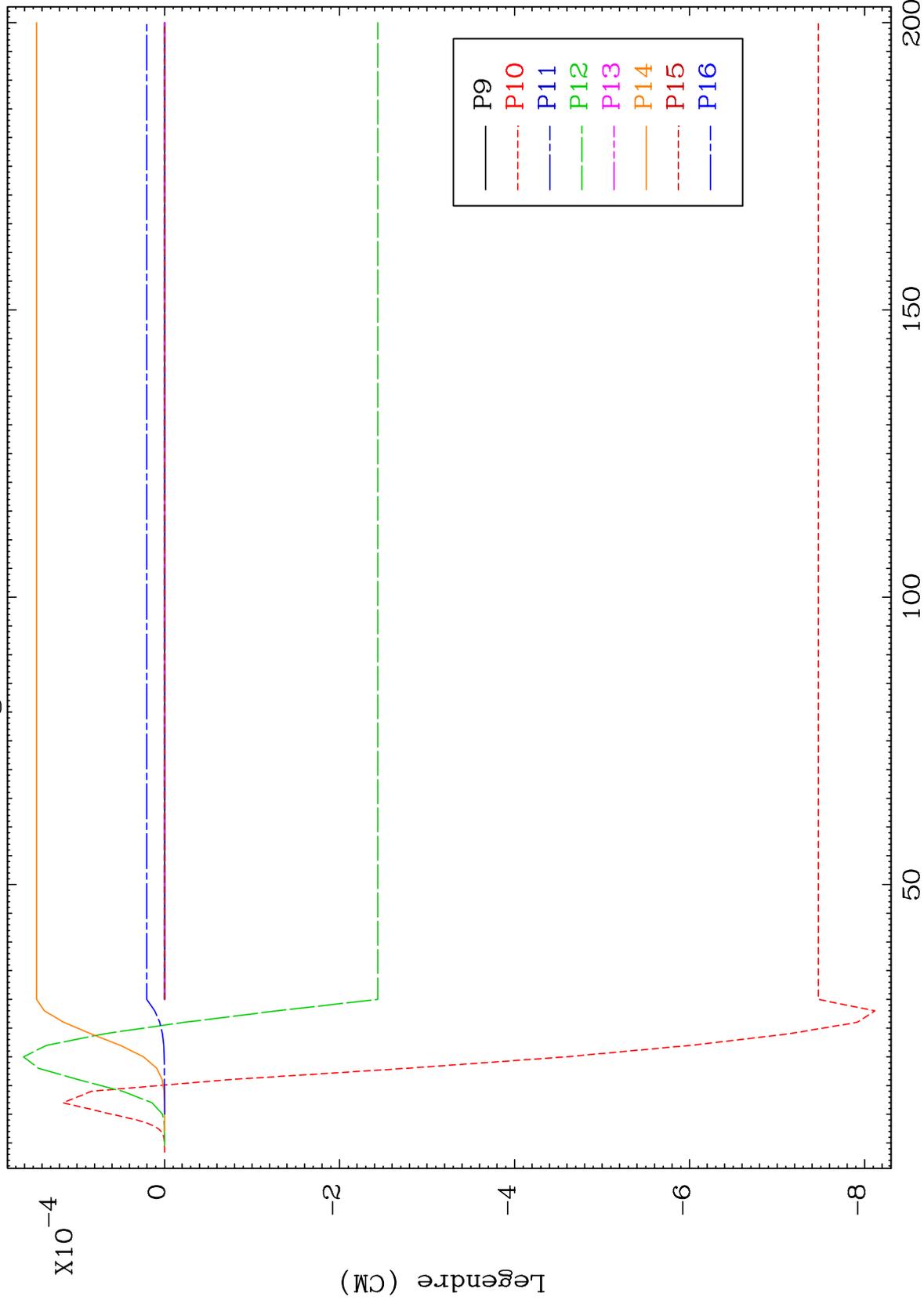
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

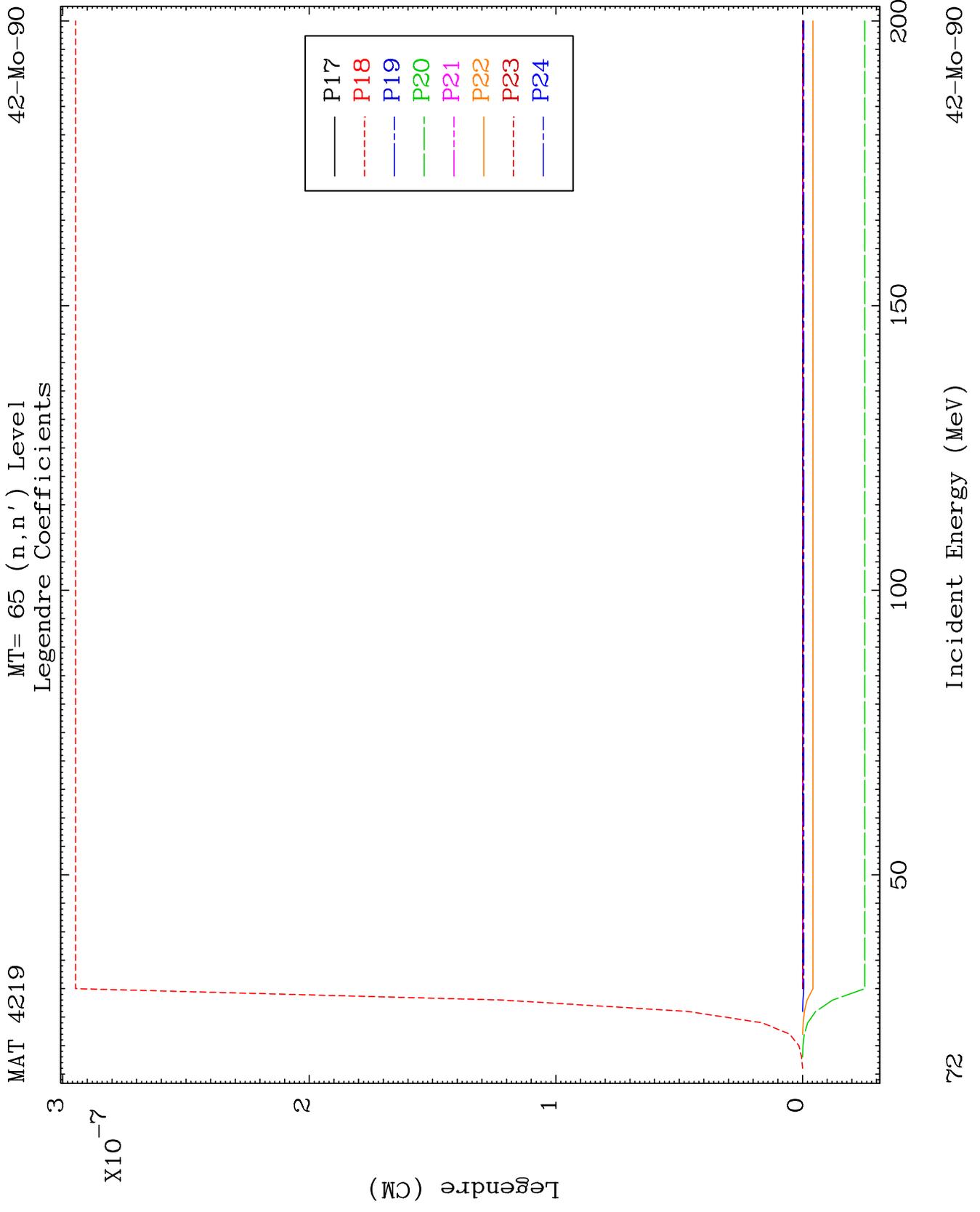
42-Mo-90



71

Incident Energy (MeV)

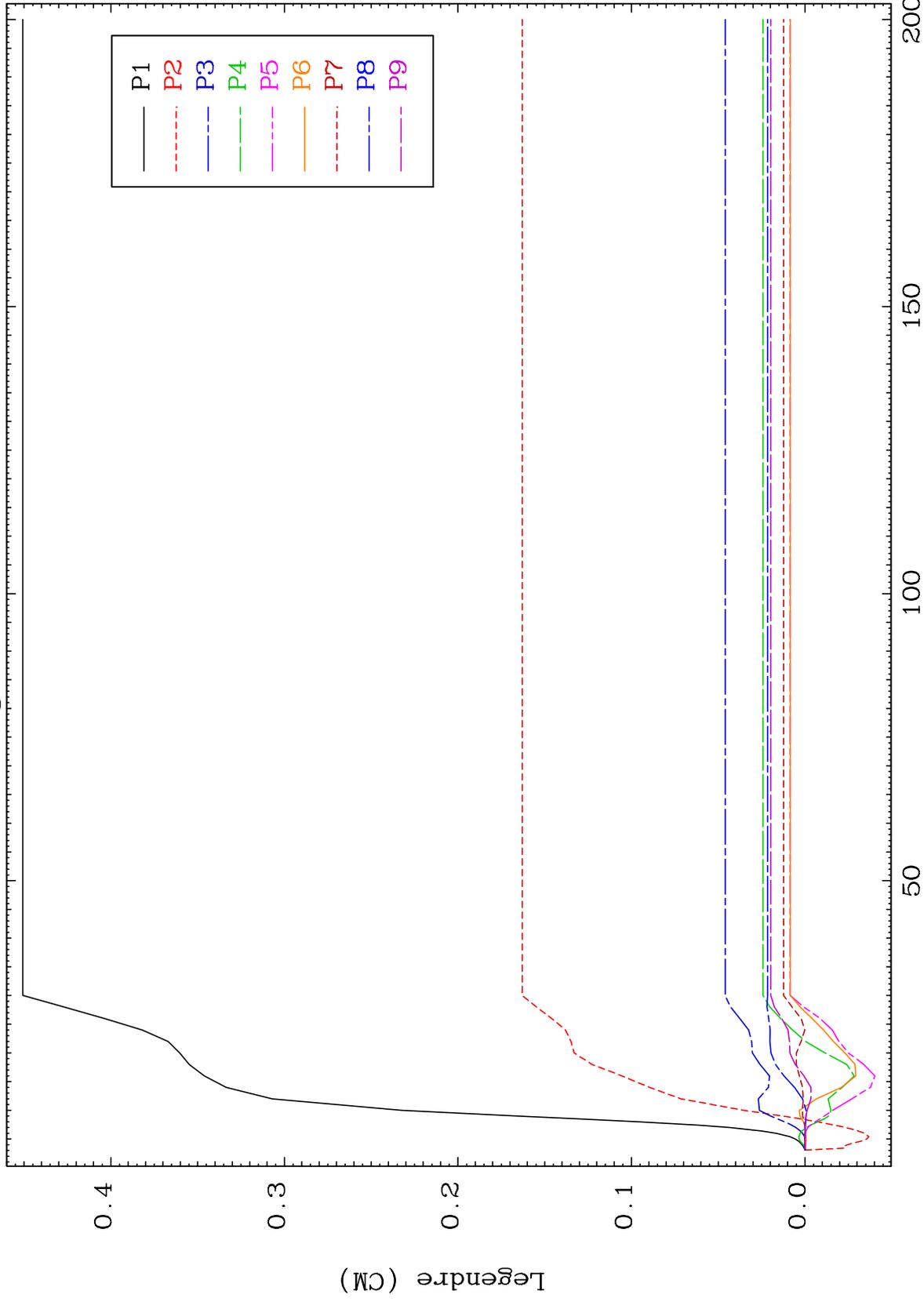
42-Mo-90



MAT 4219

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

42-Mo-90



73

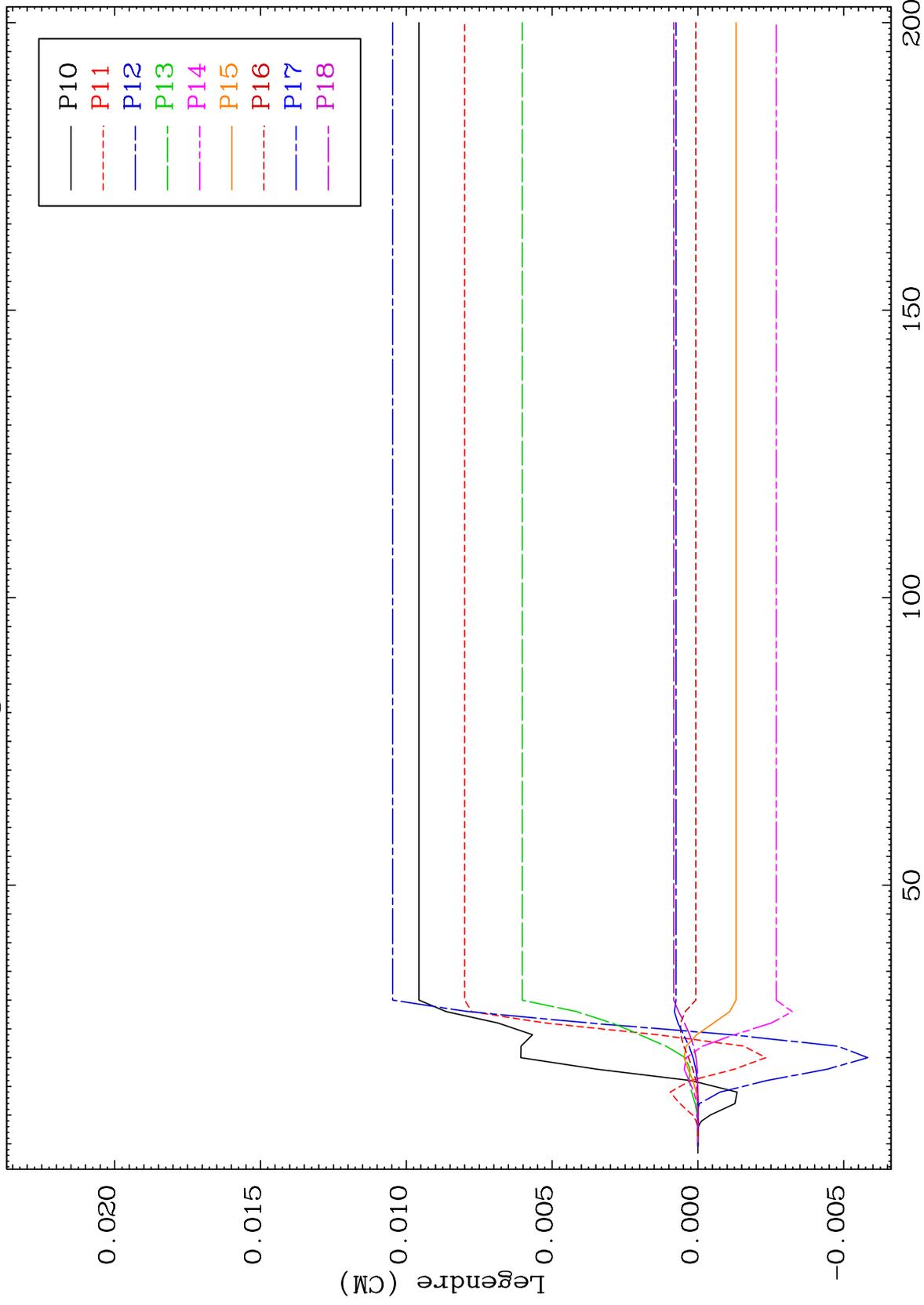
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

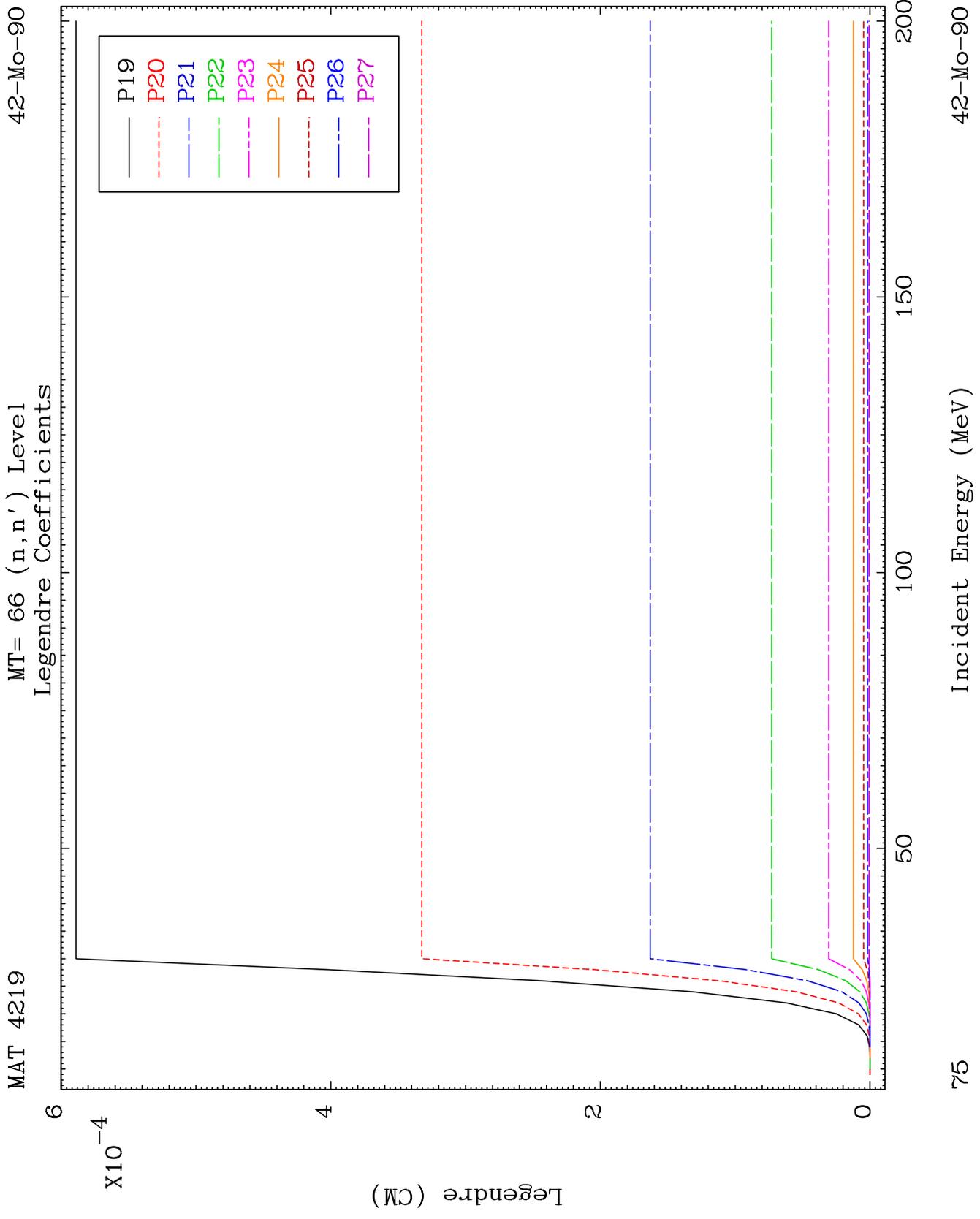
42-Mo-90

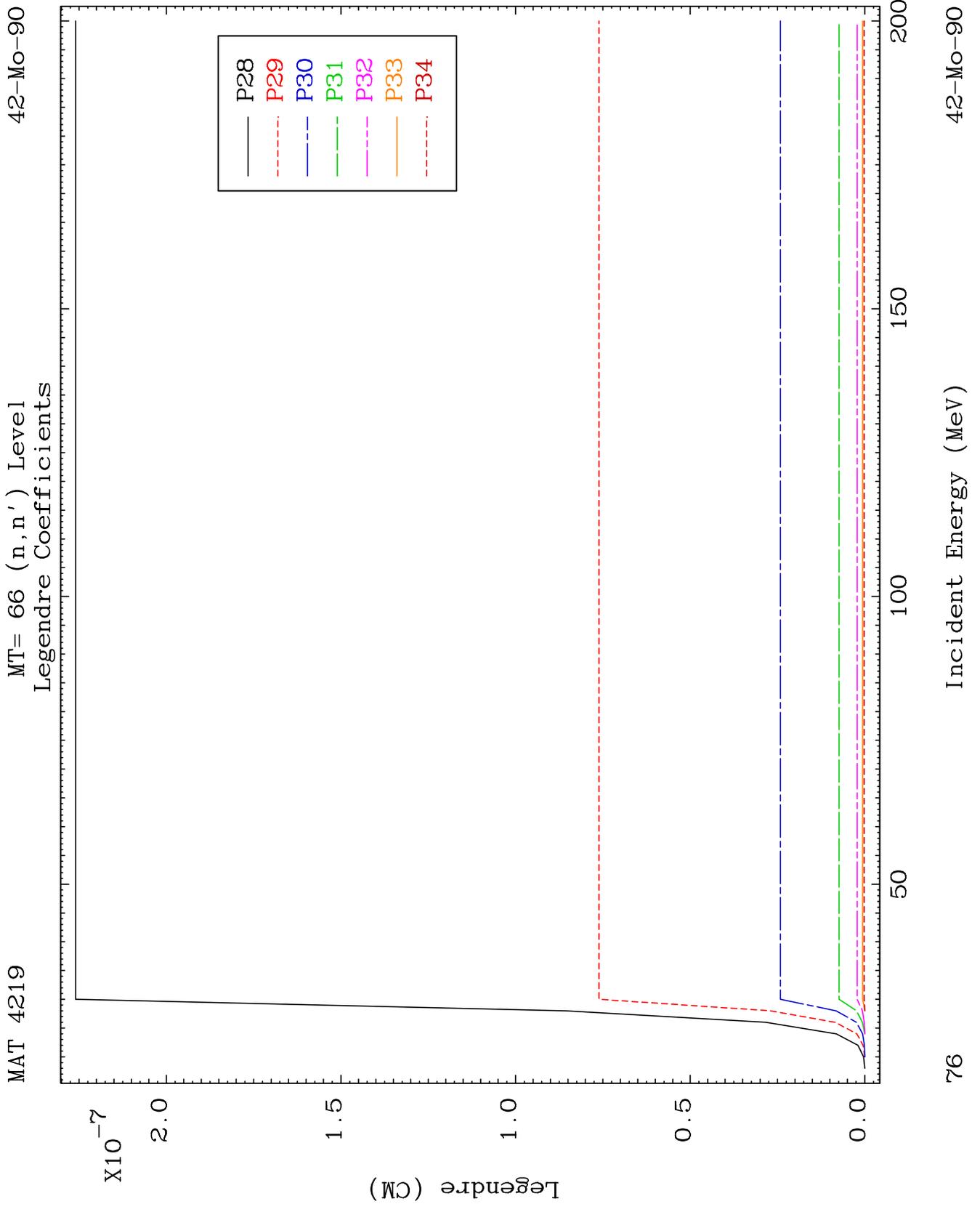


74

Incident Energy (MeV)

42-Mo-90

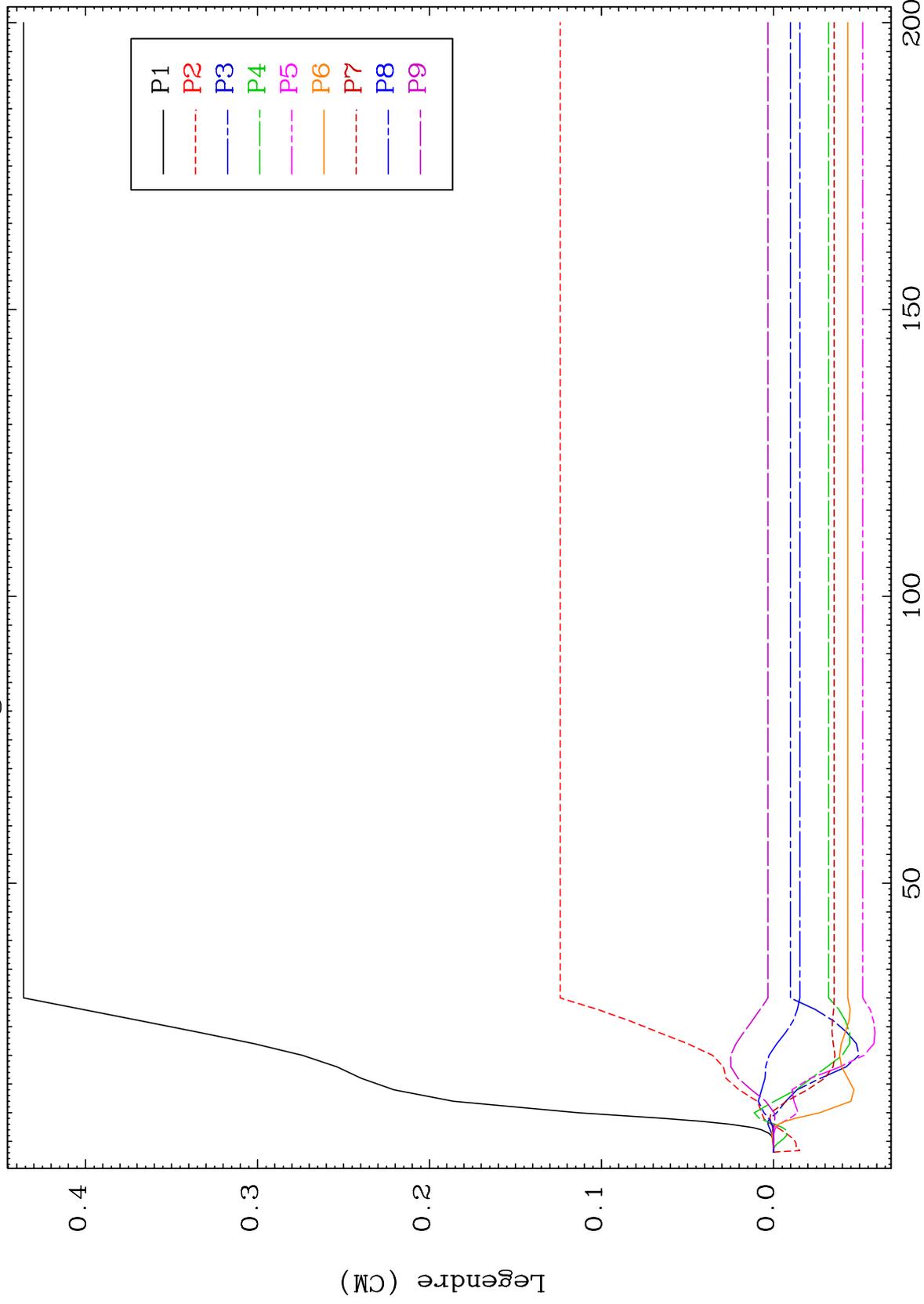




MAT 4219

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

42-Mo-90



77

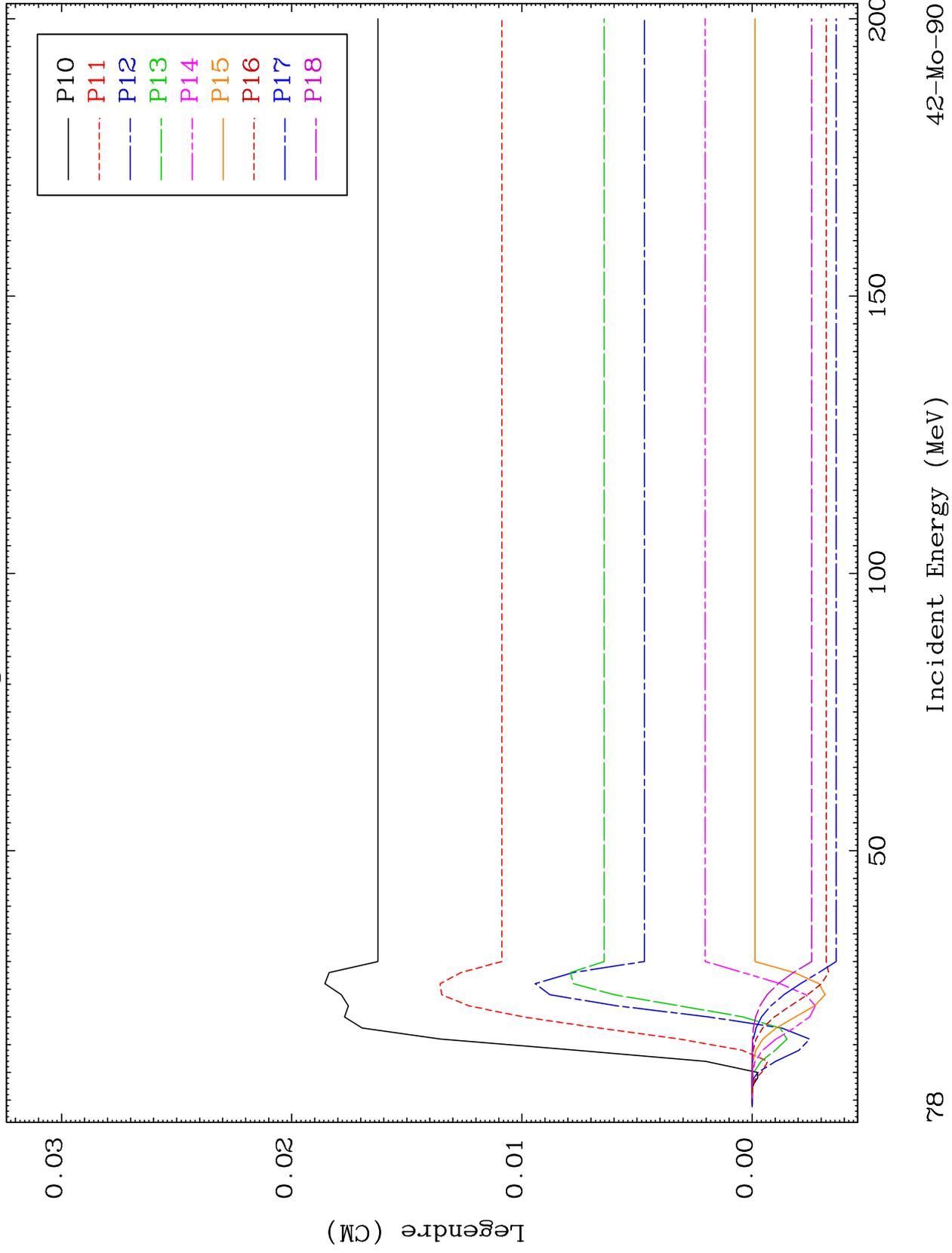
Incident Energy (MeV)

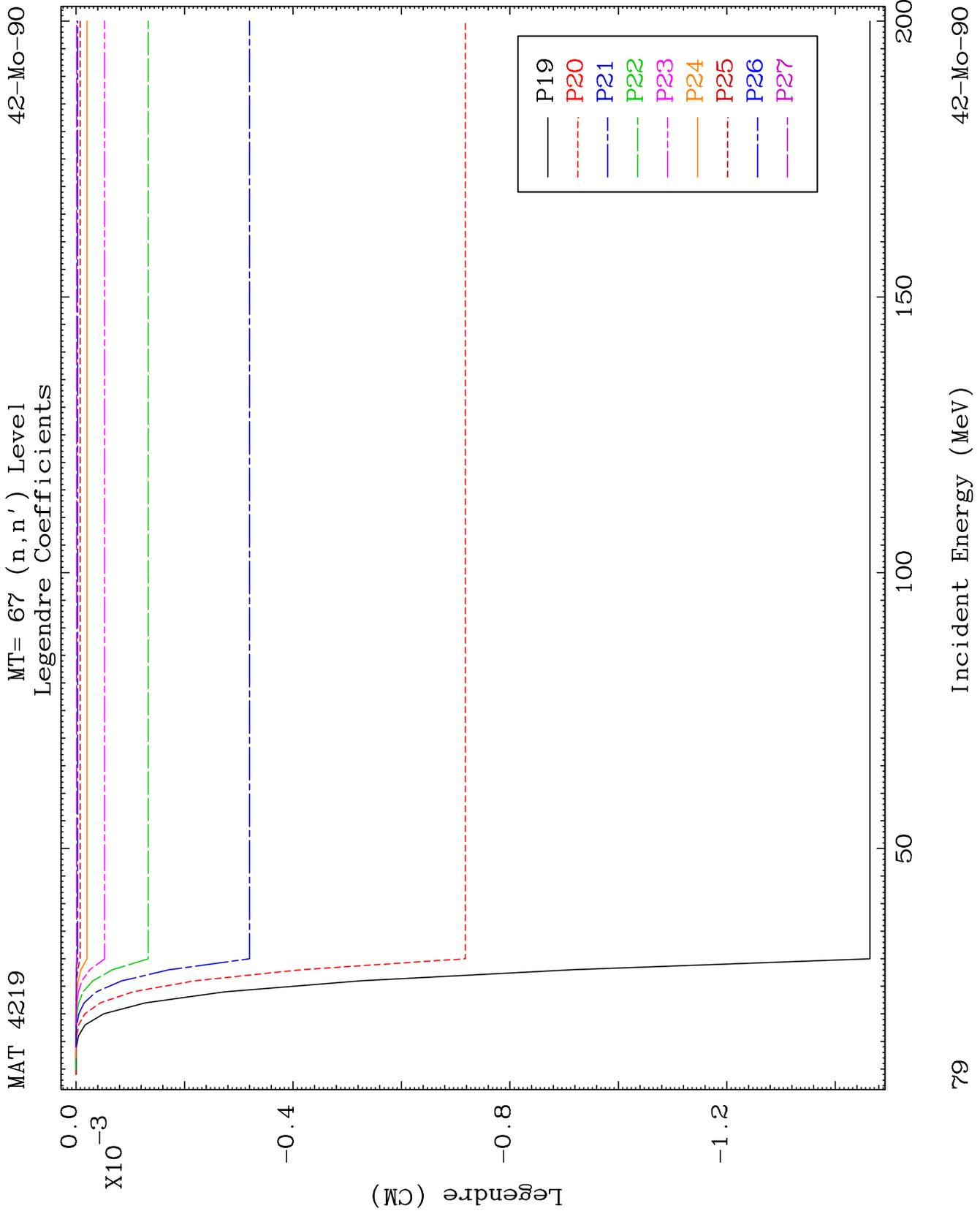
42-Mo-90

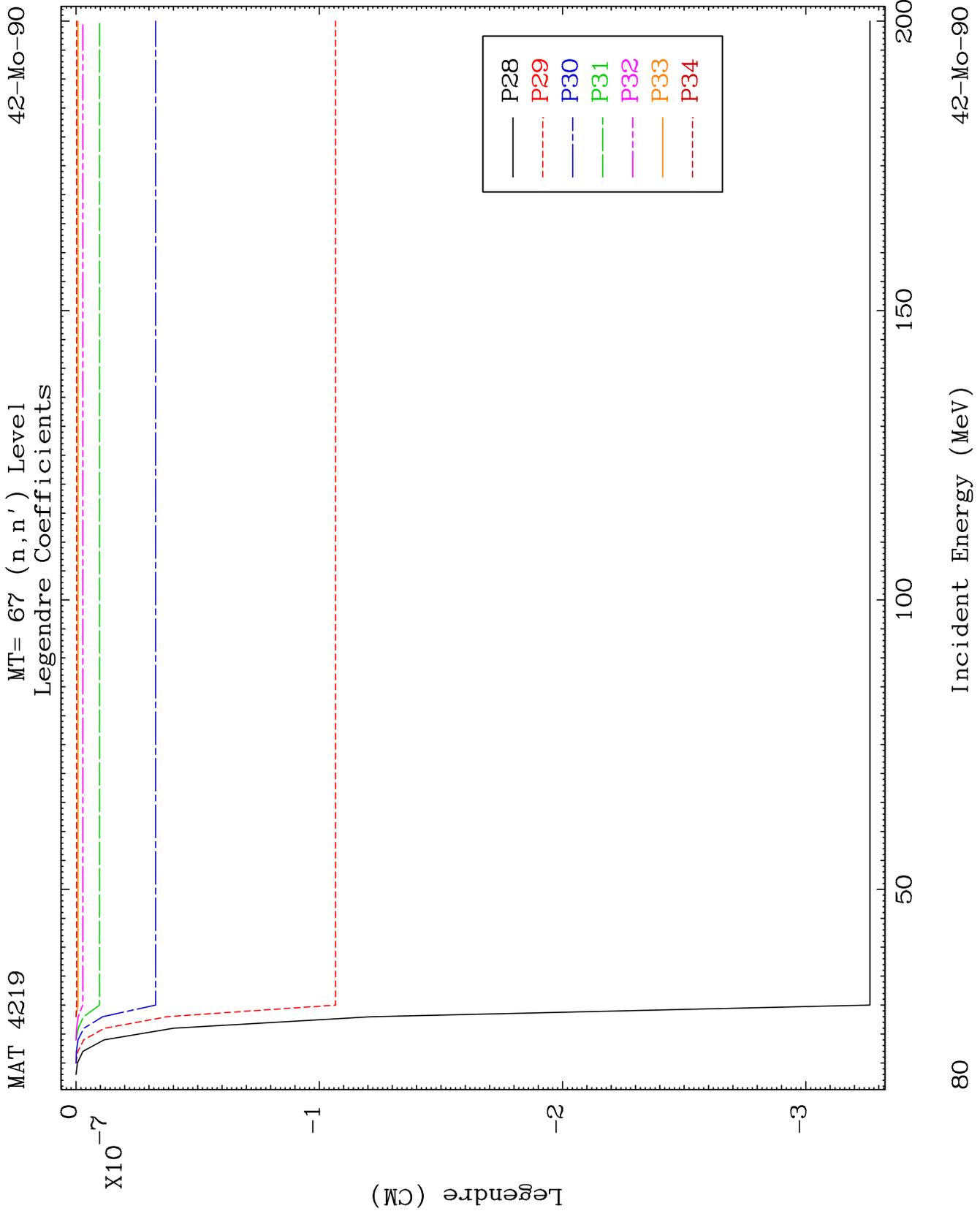
MAT 4219

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

42-Mo-90



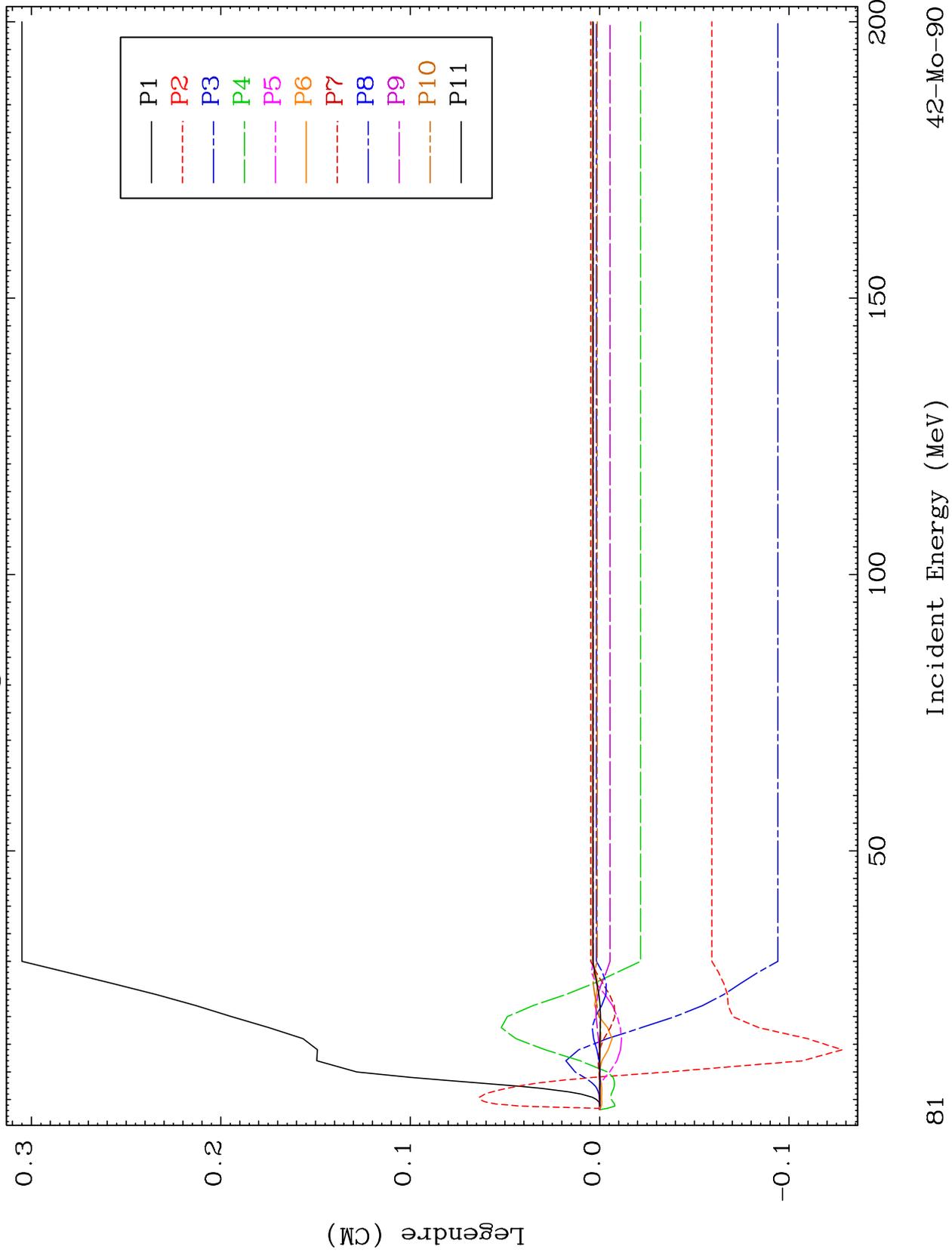




MAT 4219

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

42-Mo-90



81

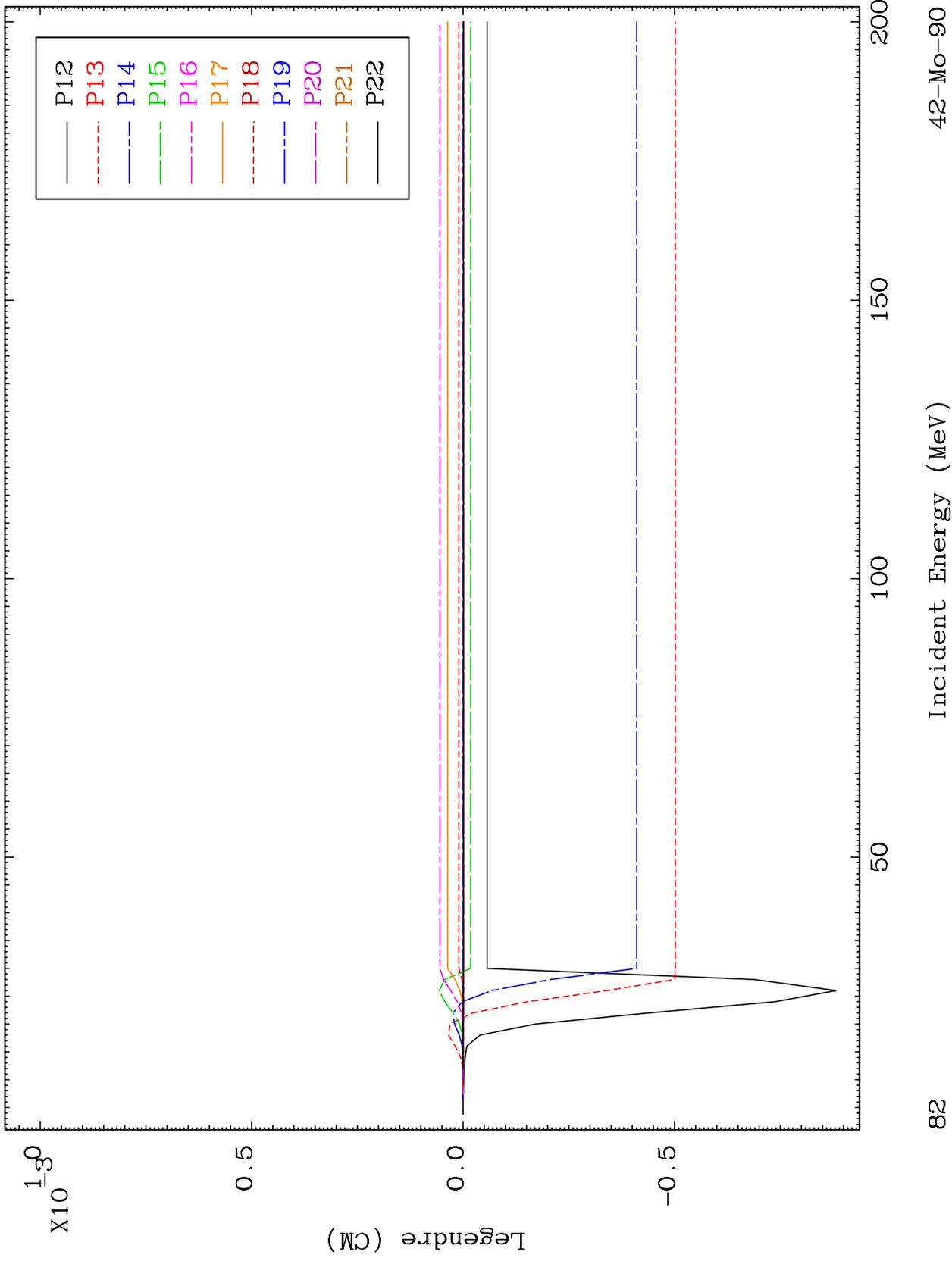
Incident Energy (MeV)

42-Mo-90

MAT 4219

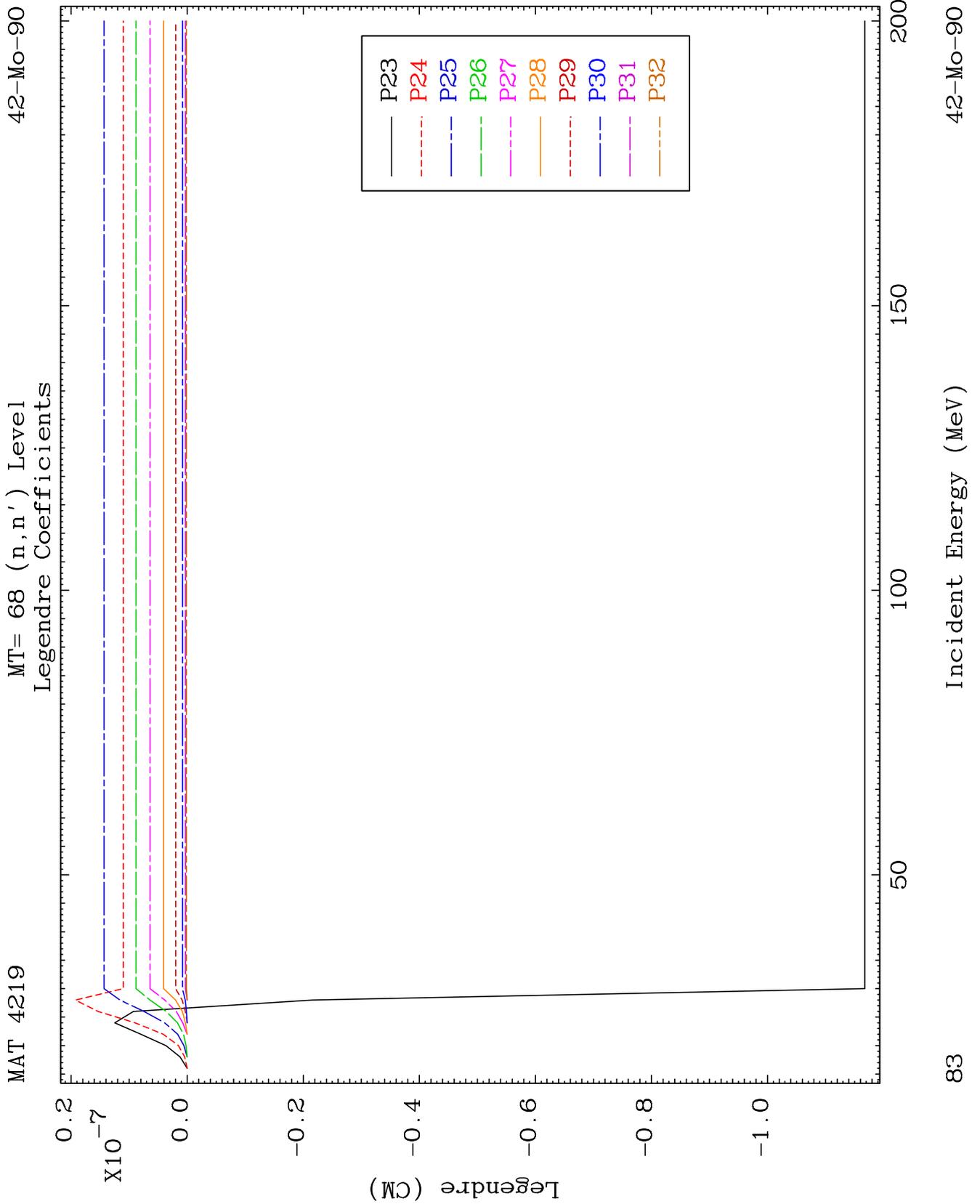
MT= 68 (n,n') Level
Legendre Coefficients

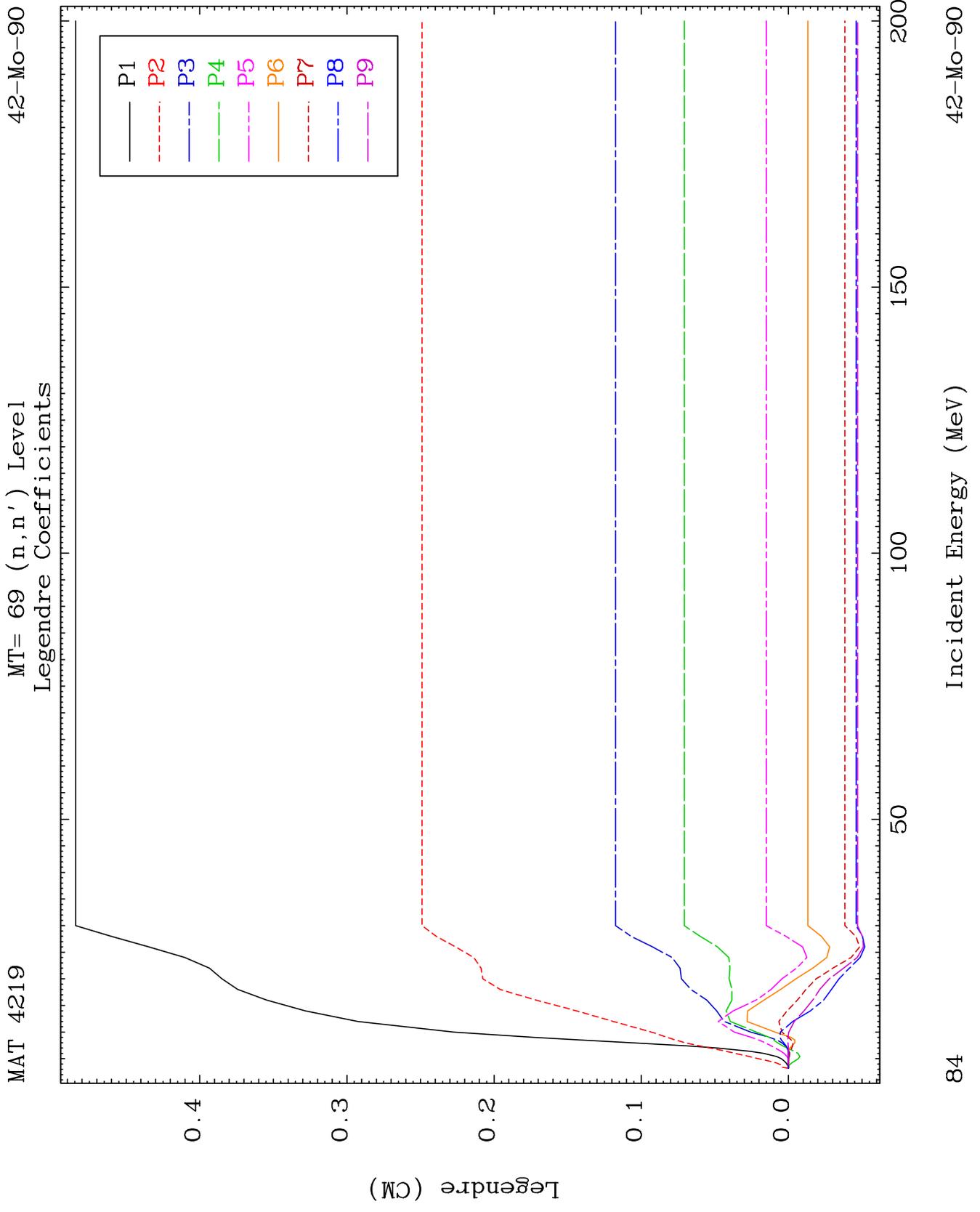
42-Mo-90



82

42-Mo-90

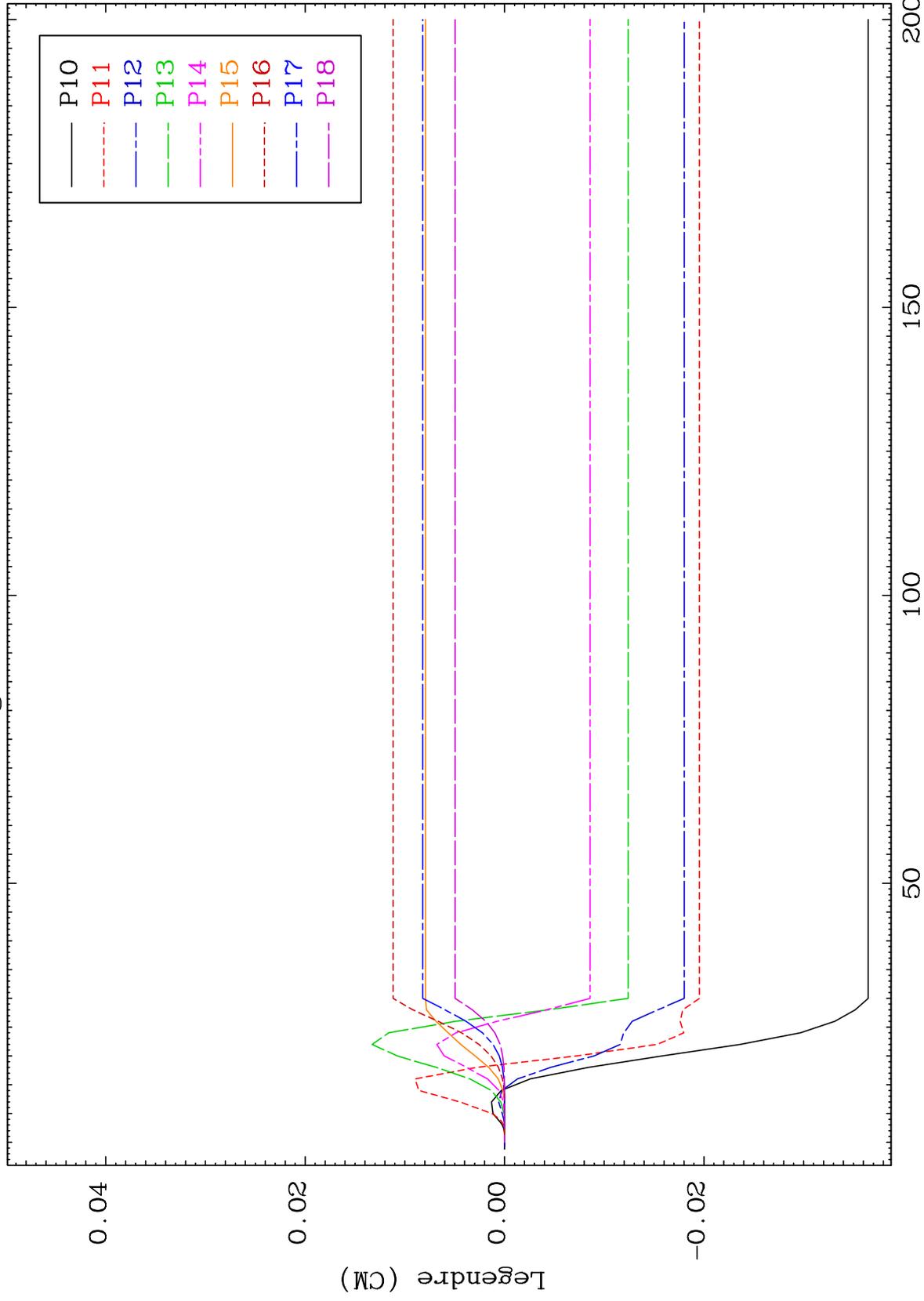




MAT 4219

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

42-Mo-90



85

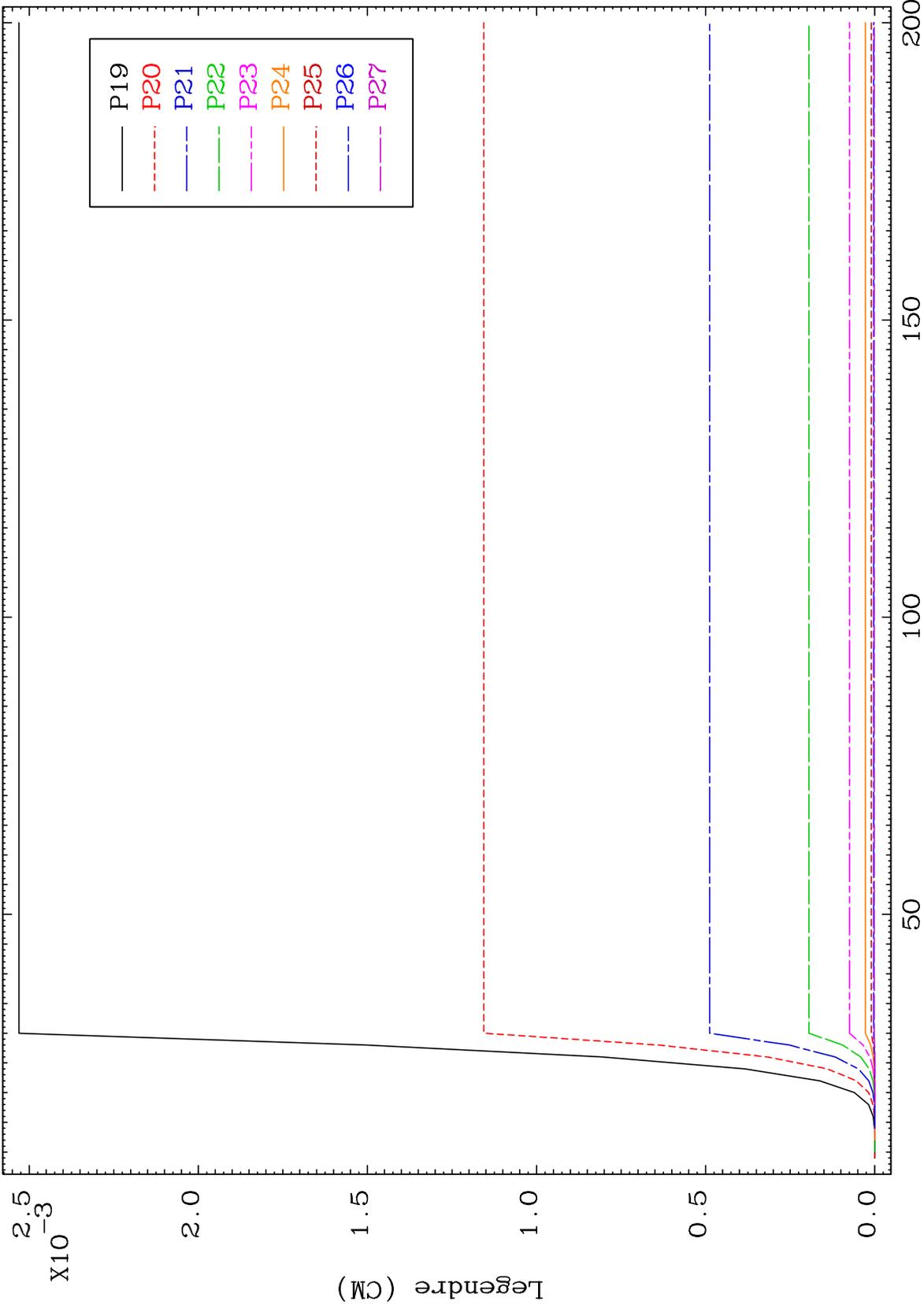
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

42-Mo-90



86

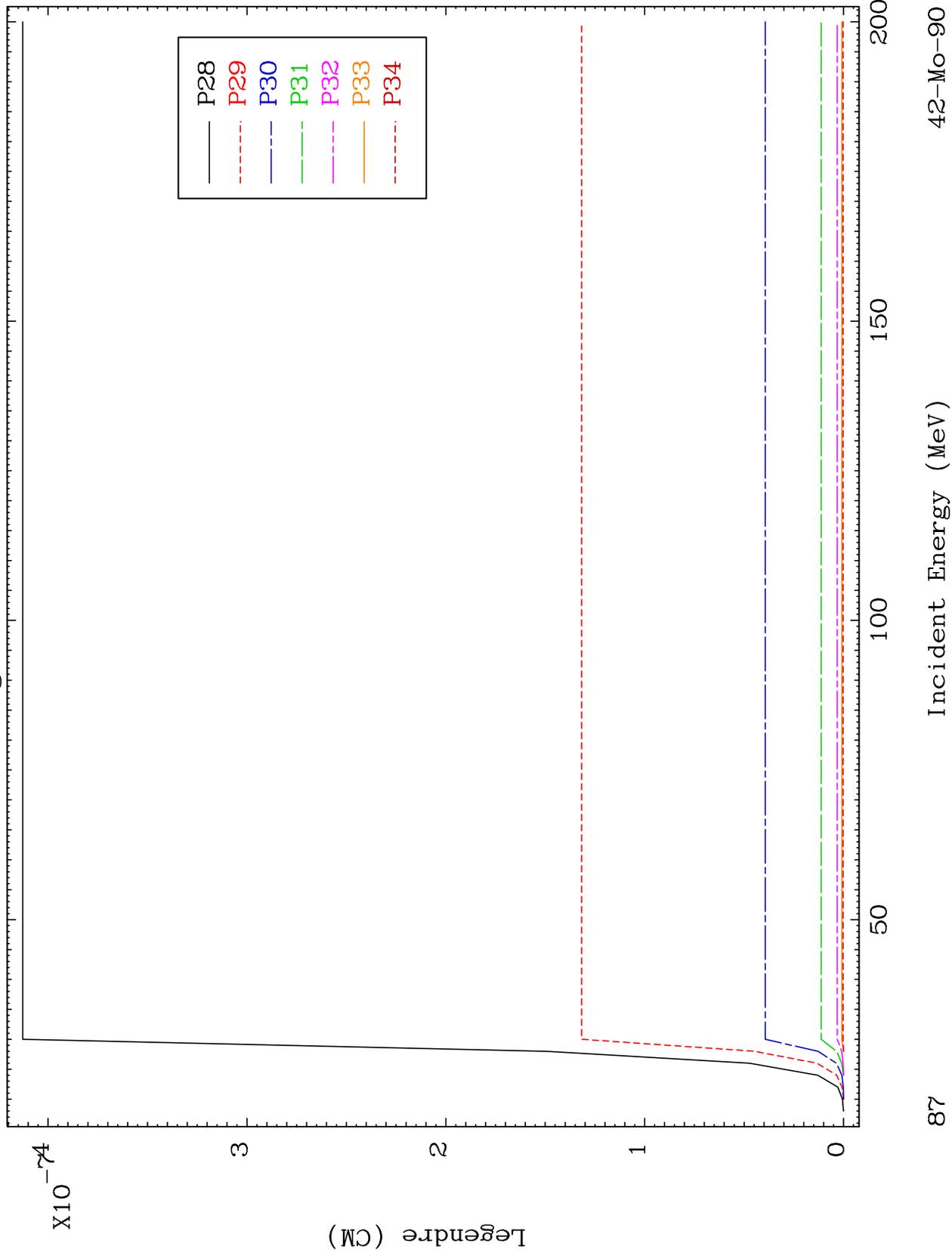
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

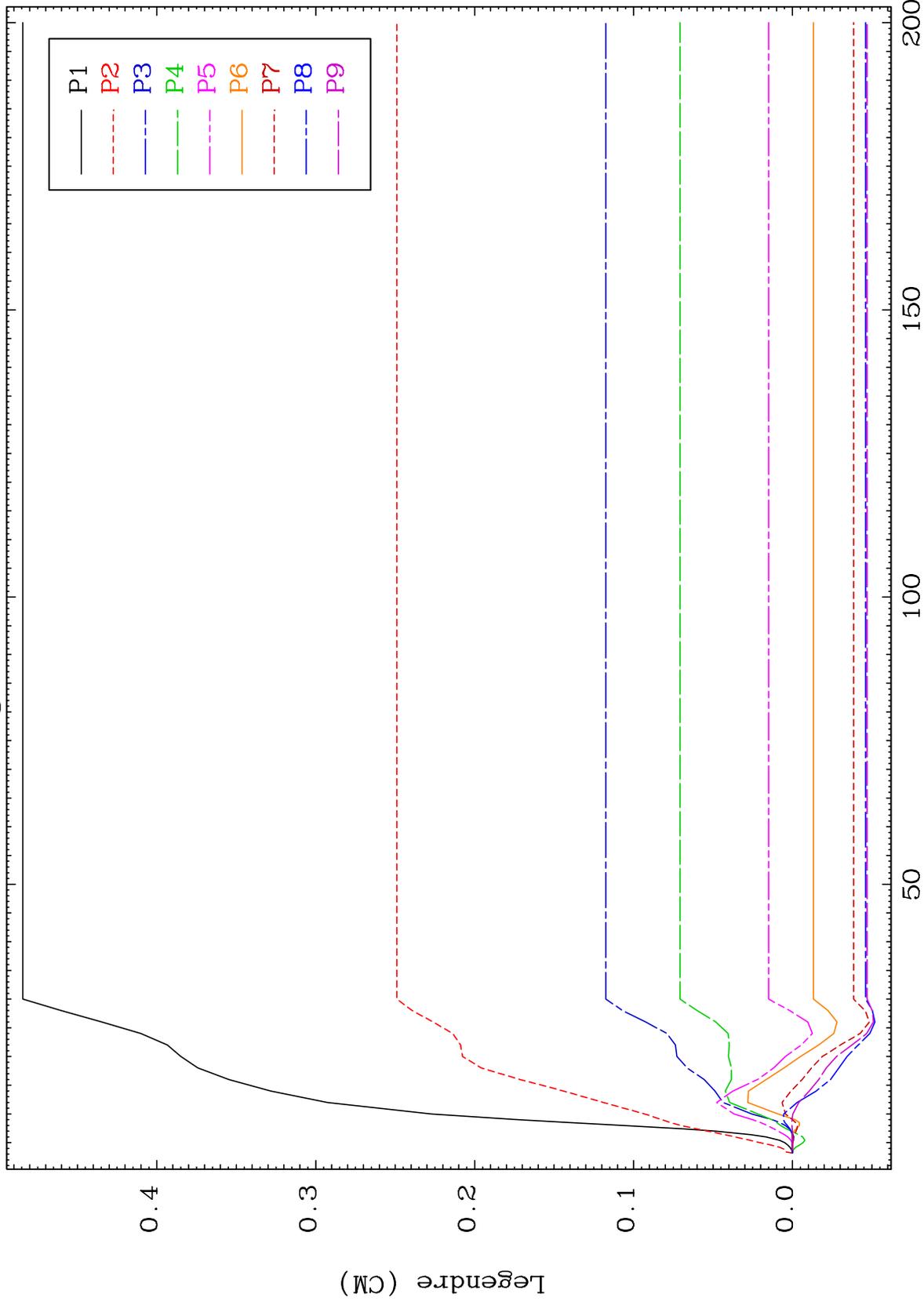
42-Mo-90



MAT 4219

MT= 70 (n,n') Level
Legendre Coefficients

42-Mo-90



88

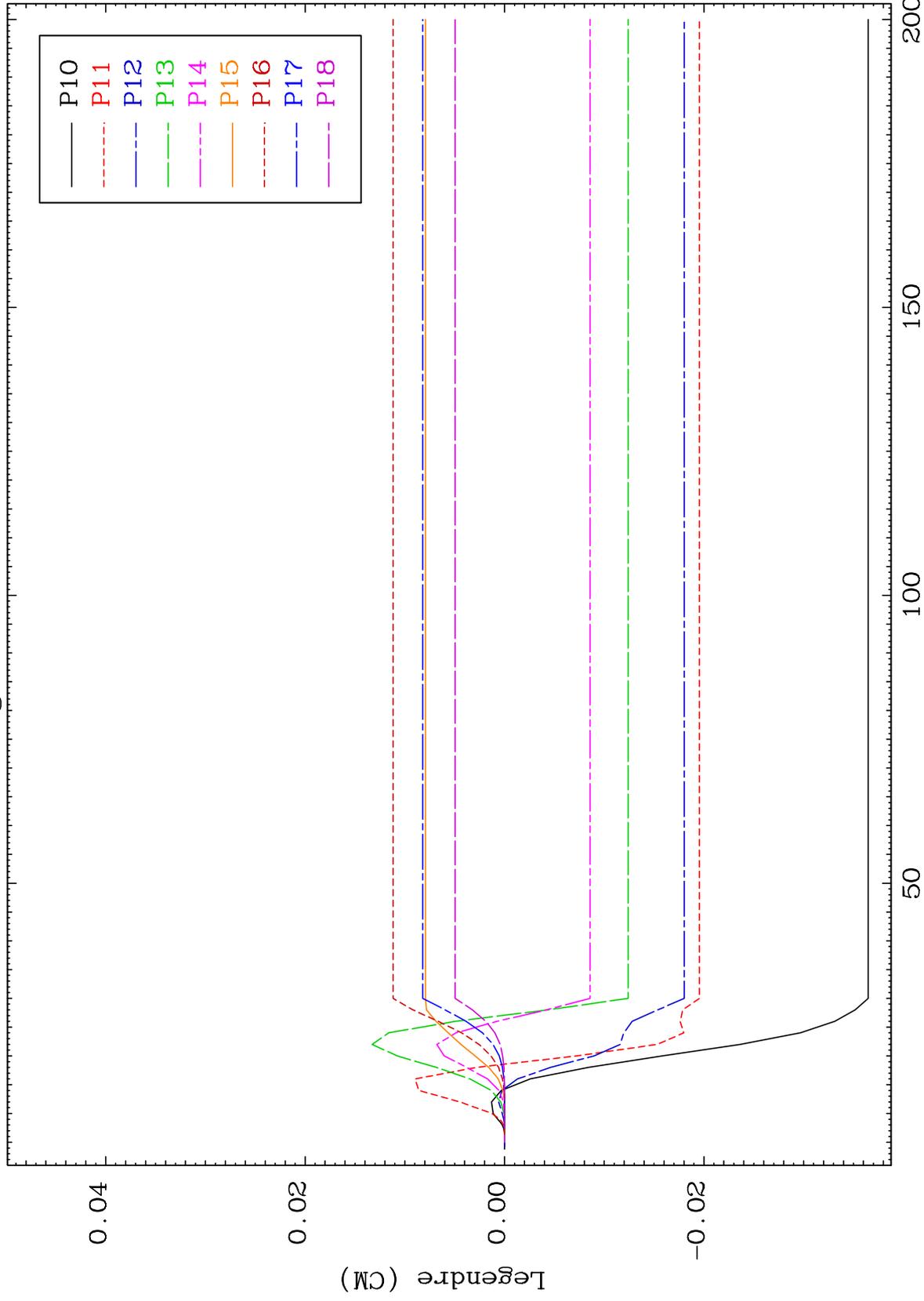
Incident Energy (MeV)

42-Mo-90

MAT 4219

MT= 70 (n,n') Level
Legendre Coefficients

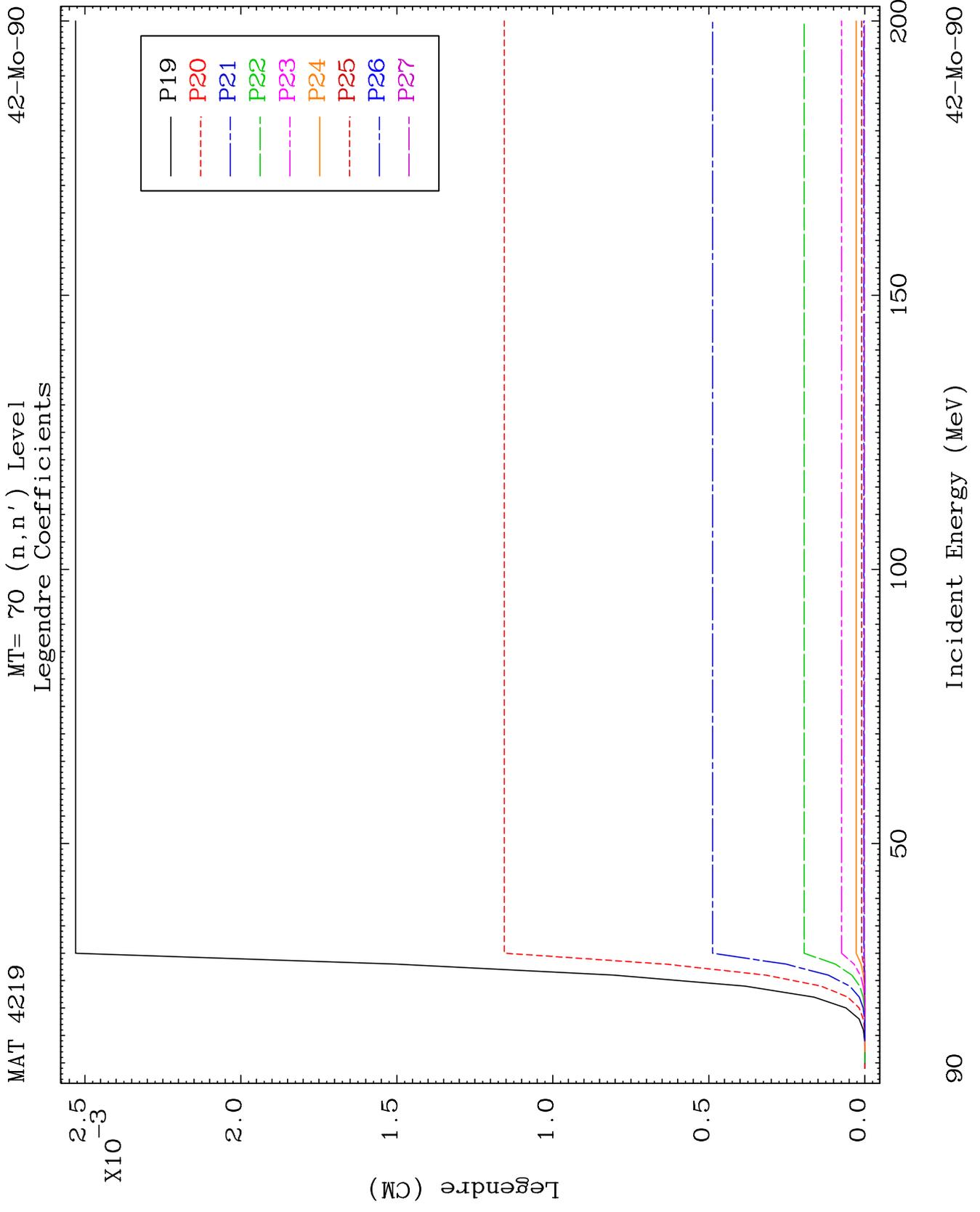
42-Mo-90



89

Incident Energy (MeV)

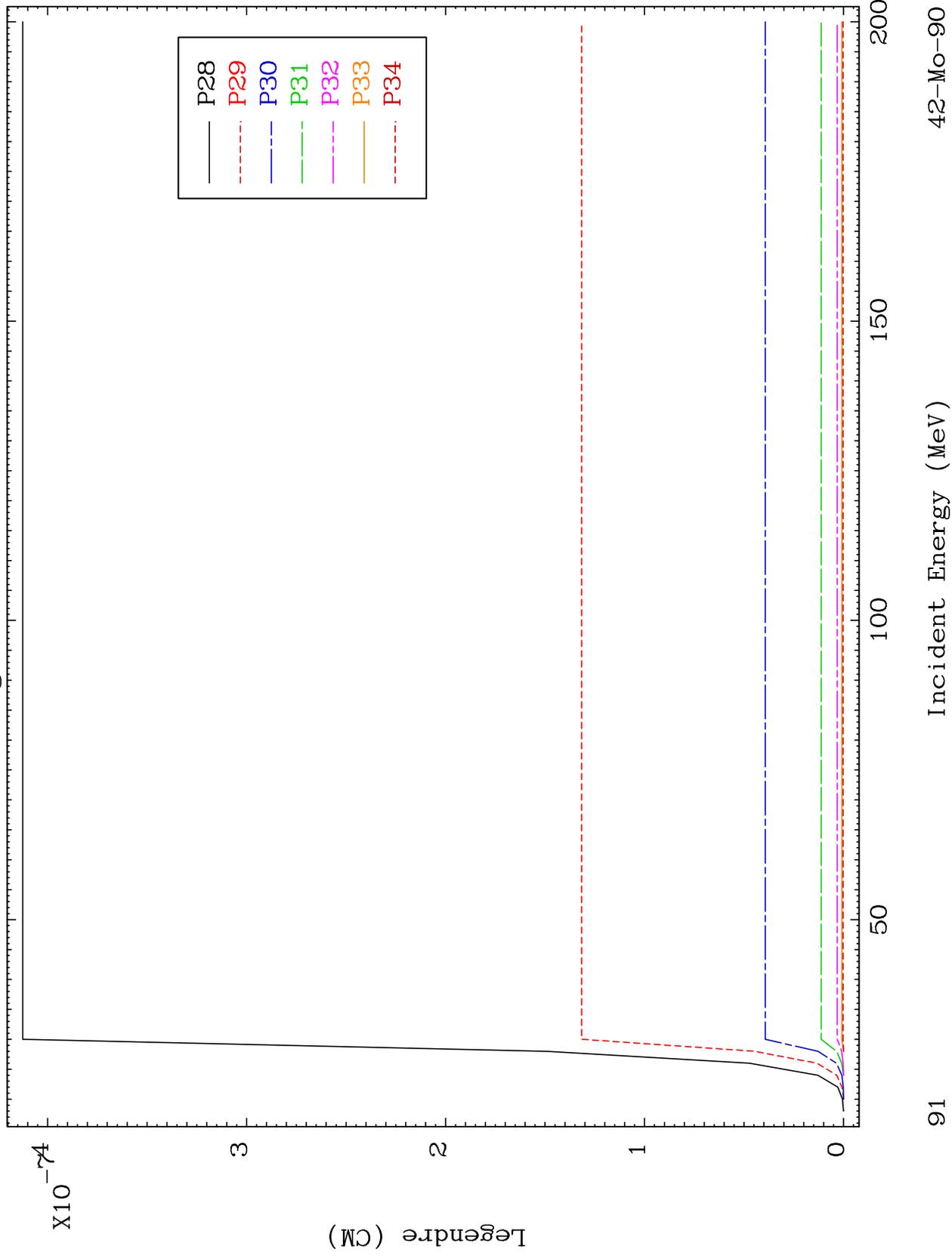
42-Mo-90



MAT 4219

MT= 70 (n,n') Level
Legendre Coefficients

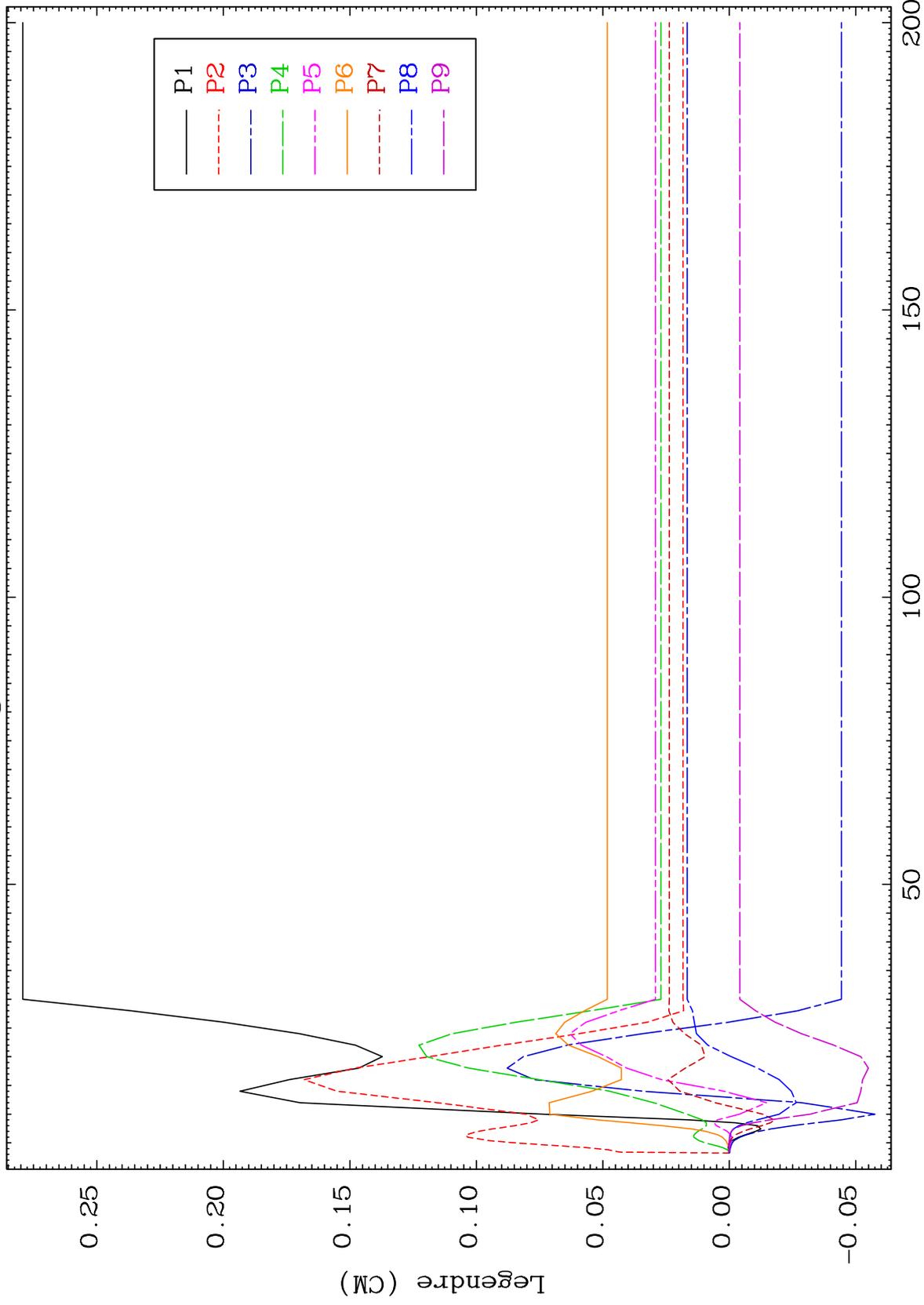
42-Mo-90



MAT 4219

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

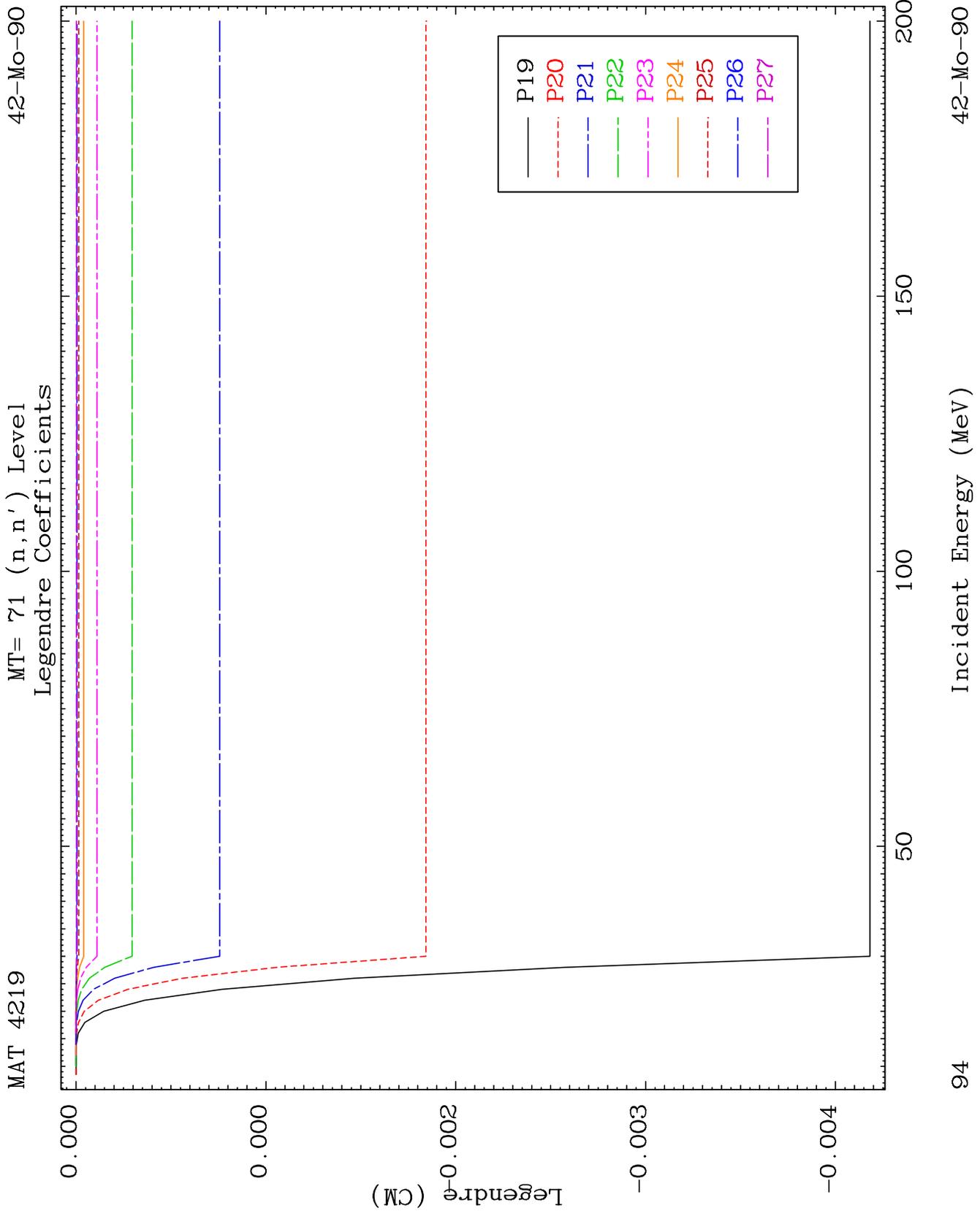
42-Mo-90

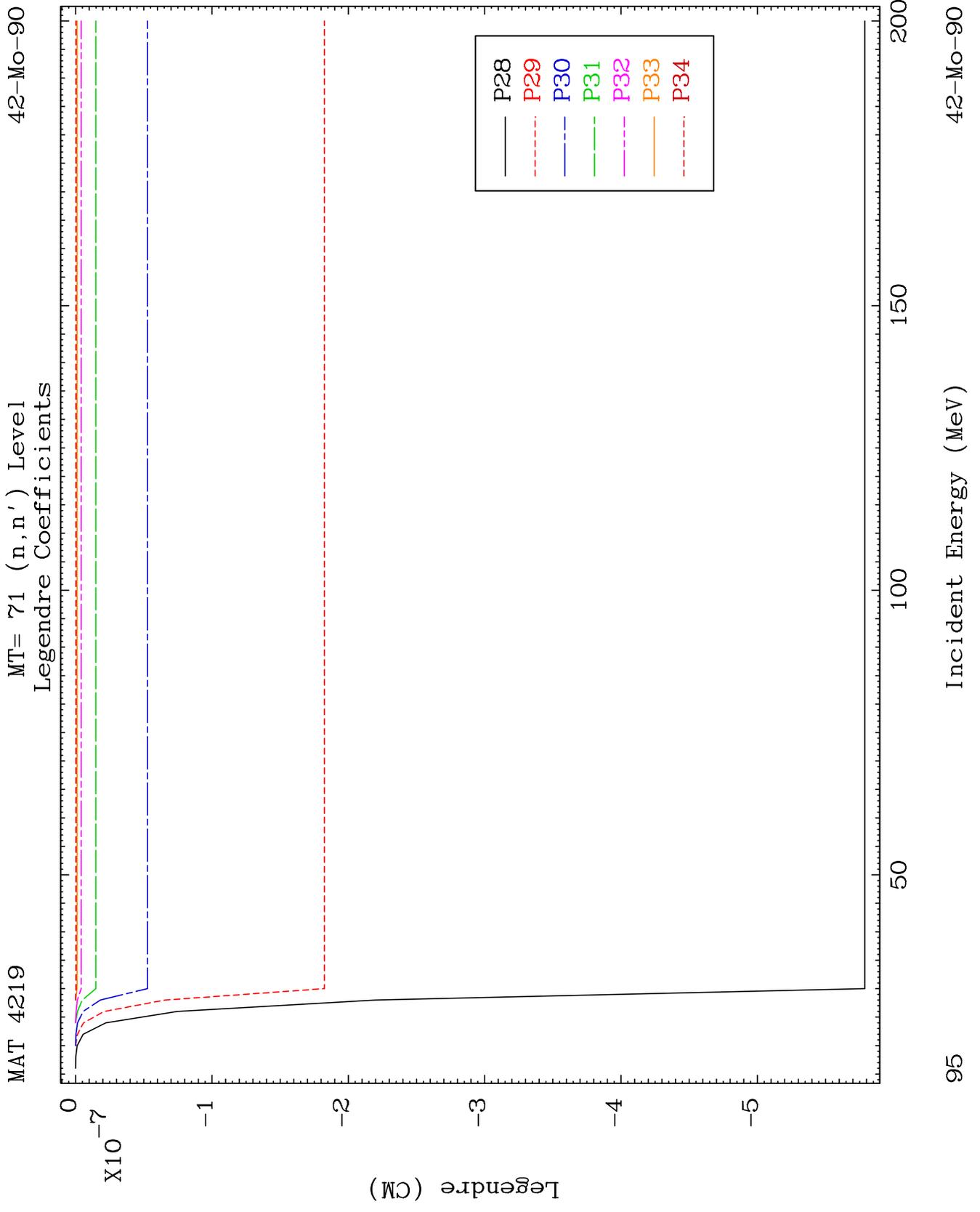


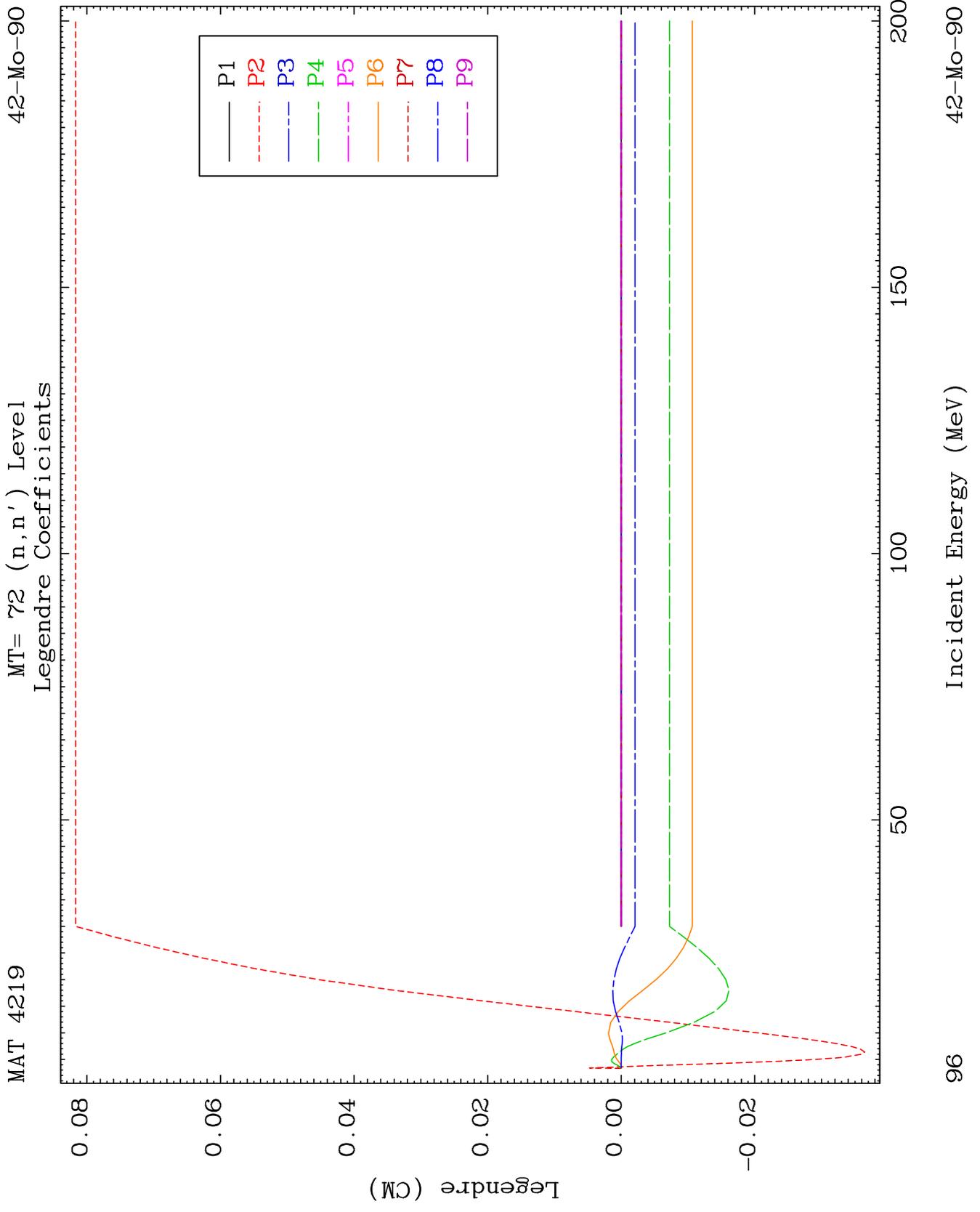
92

Incident Energy (MeV)

42-Mo-90



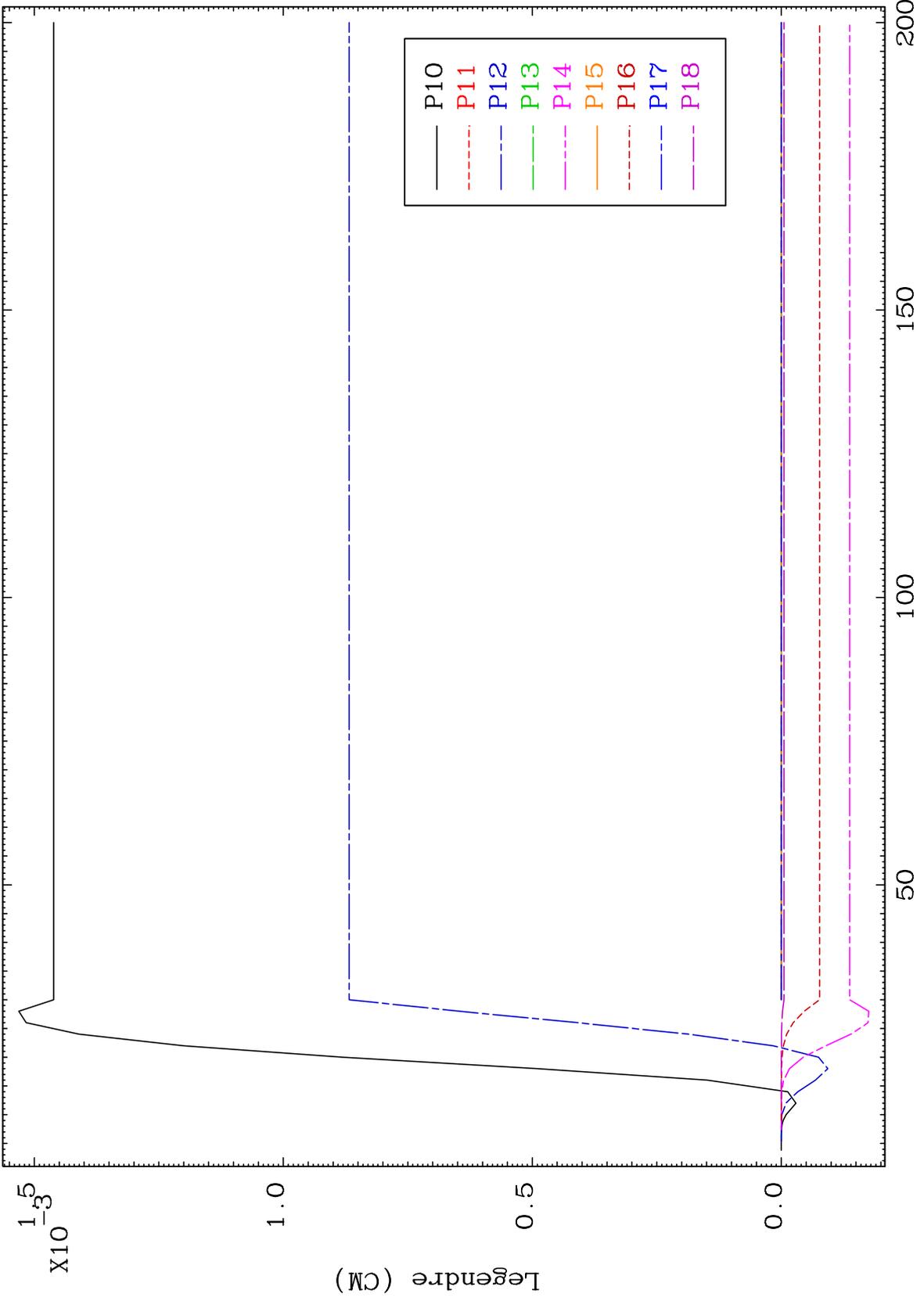




MAT 4219

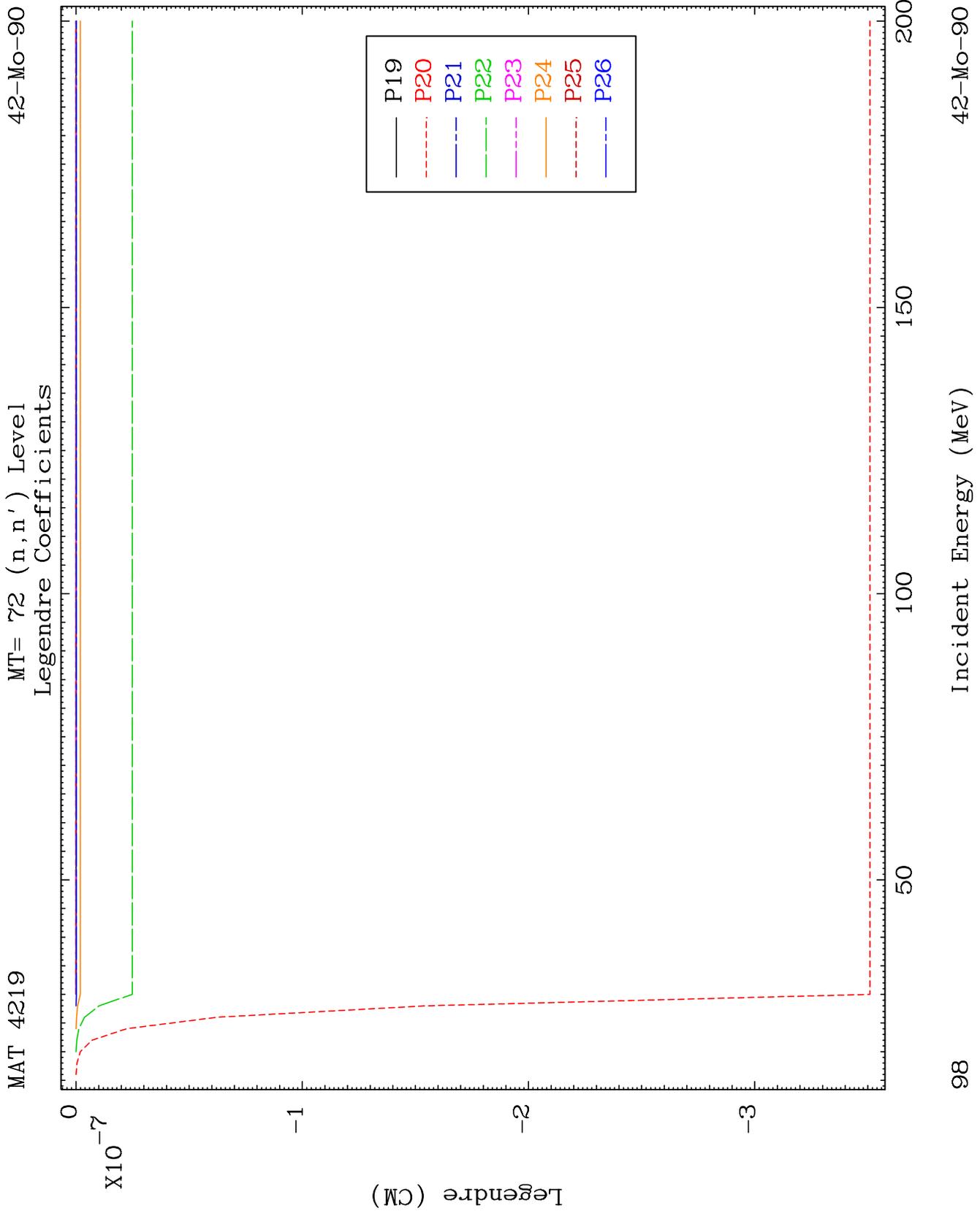
MT= 72 (n,n') Level
Legendre Coefficients

42-Mo-90



97

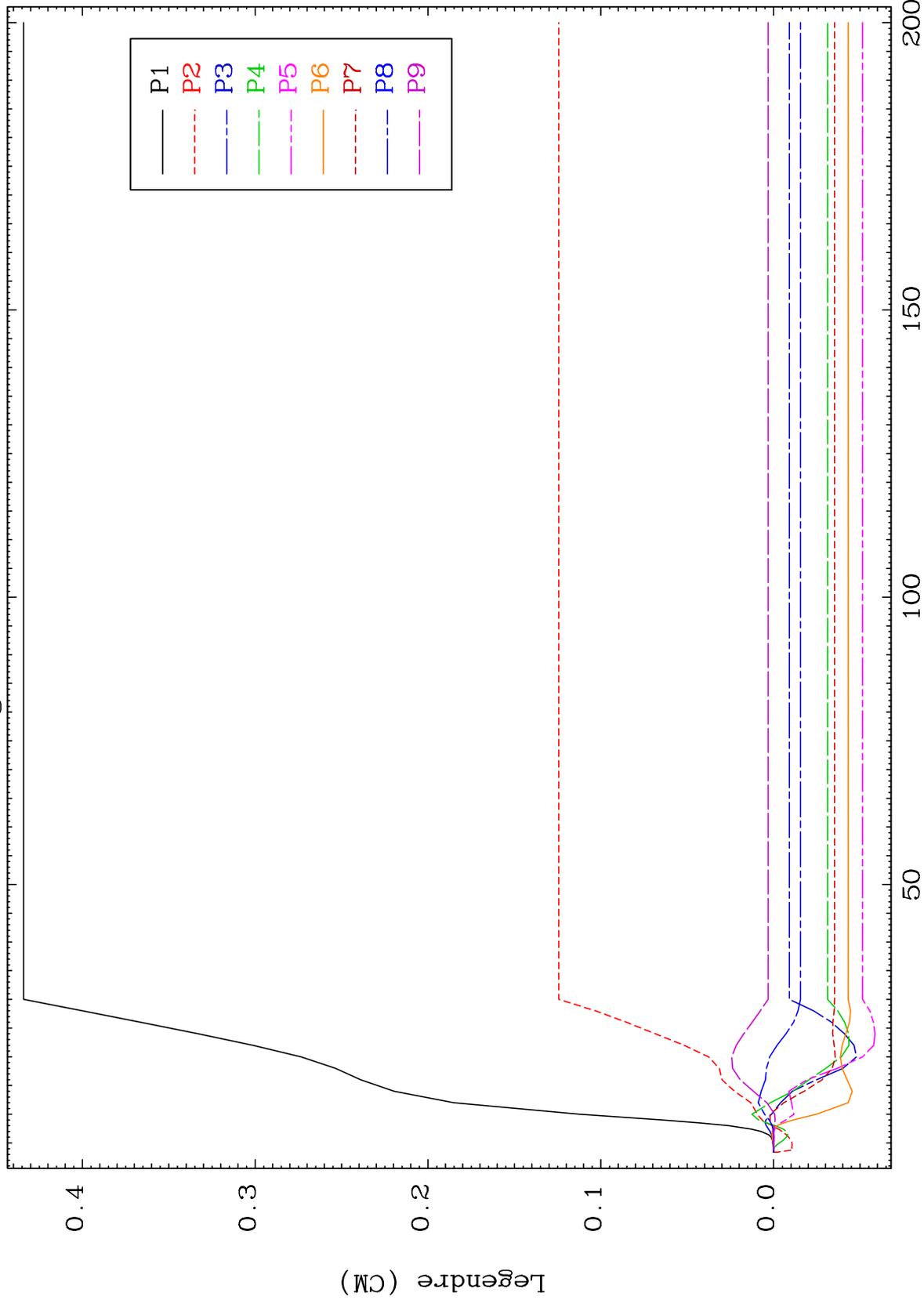
42-Mo-90



MAT 4219

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

42-Mo-90



99

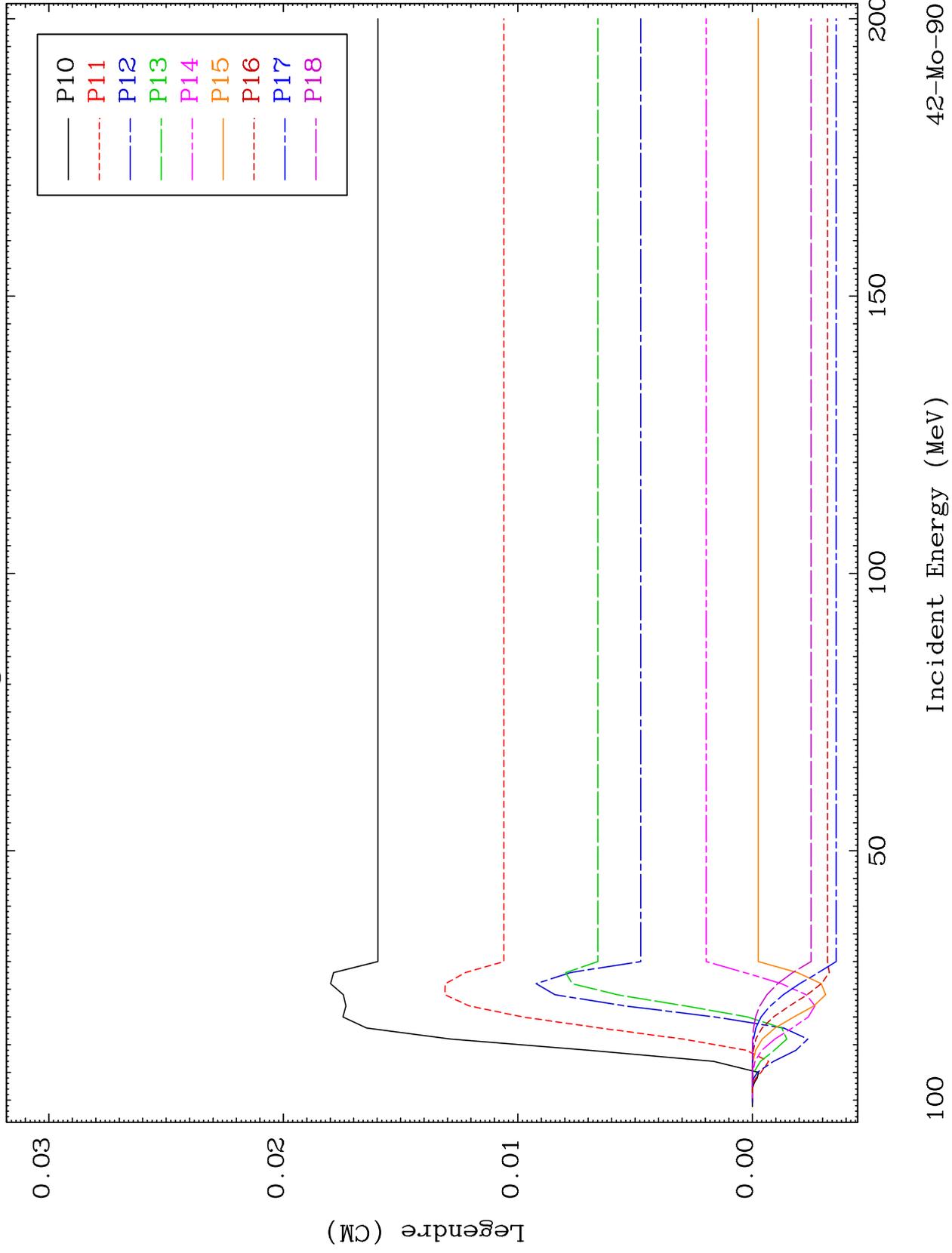
Incident Energy (MeV)

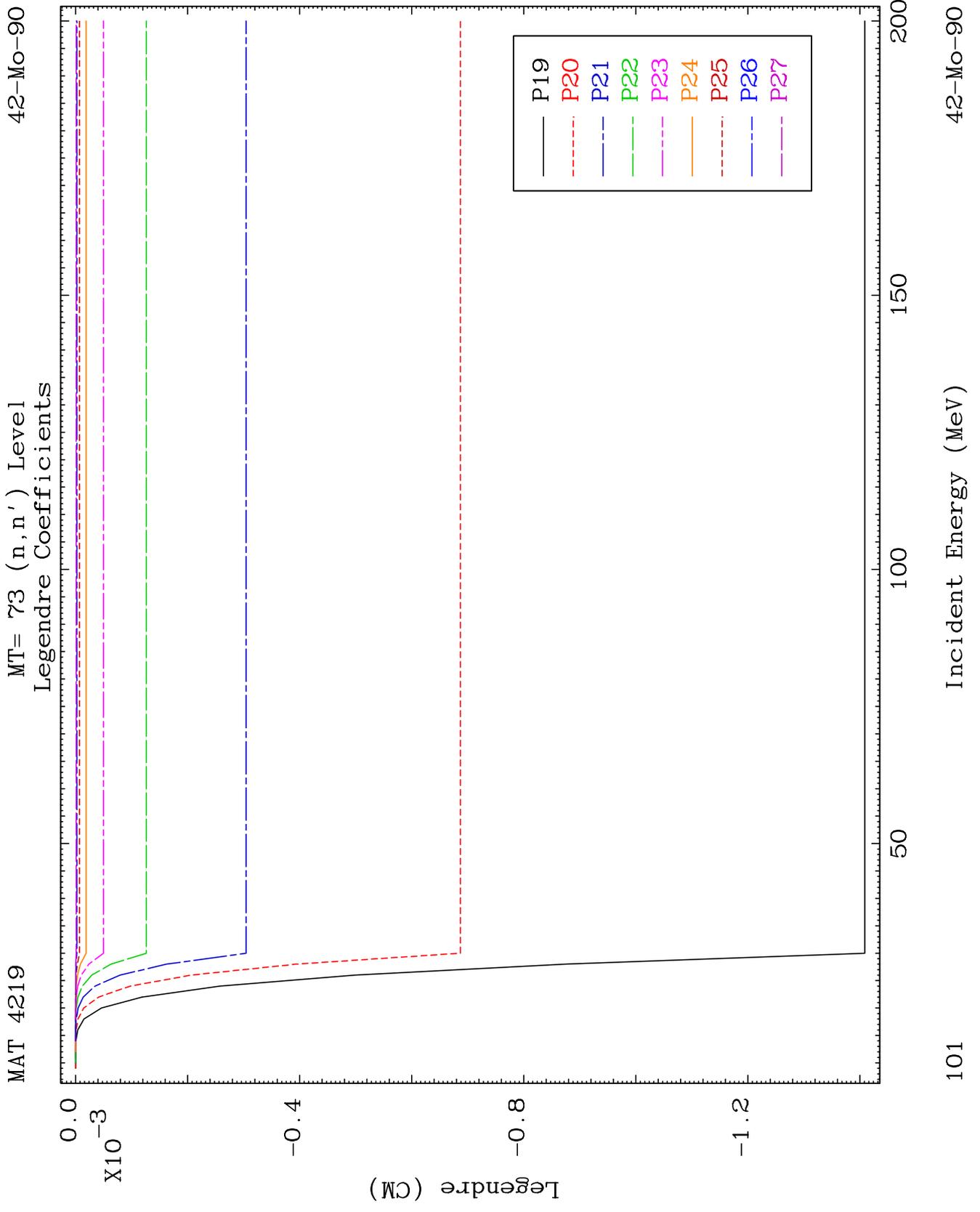
42-Mo-90

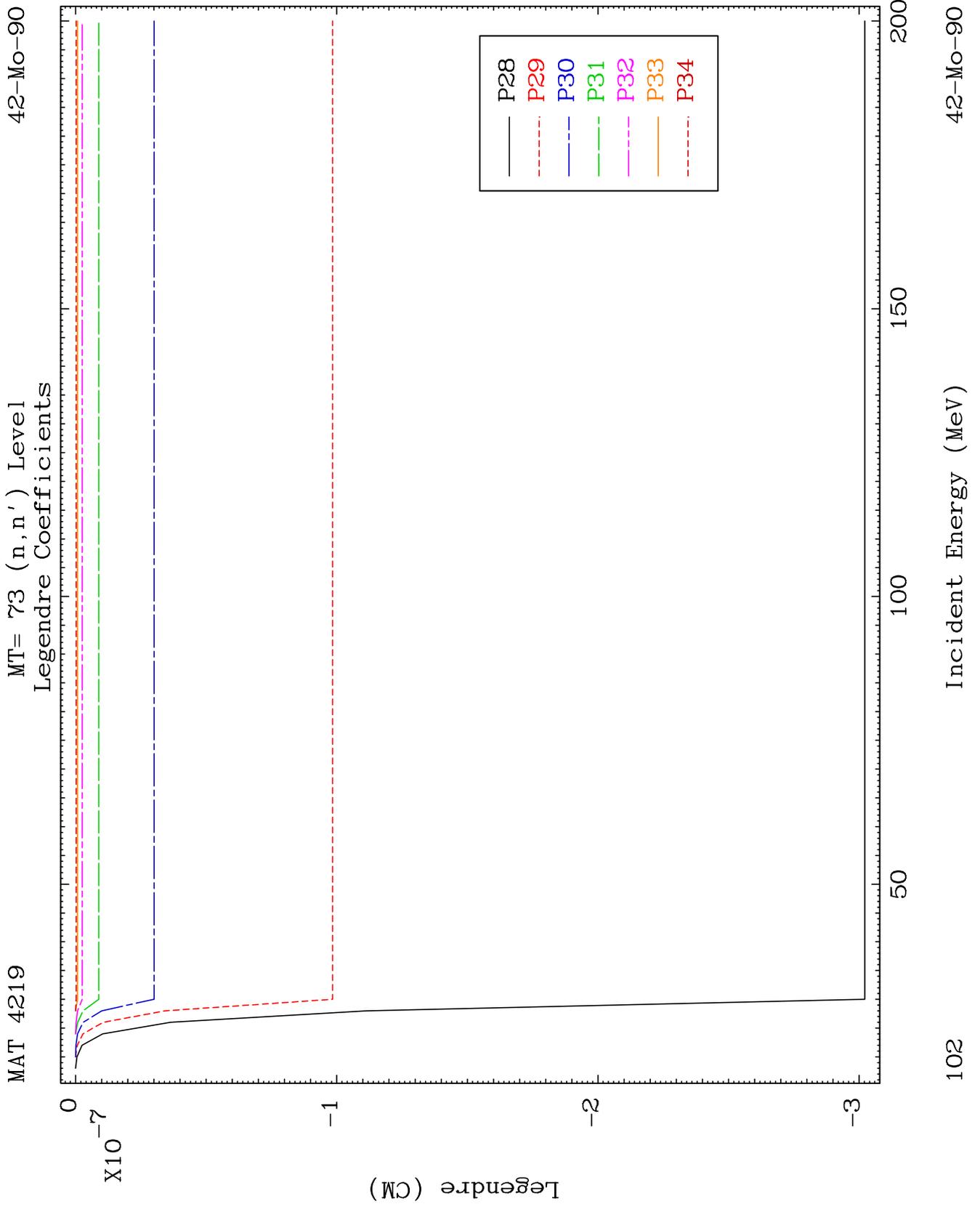
MAT 4219

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

42-Mo-90



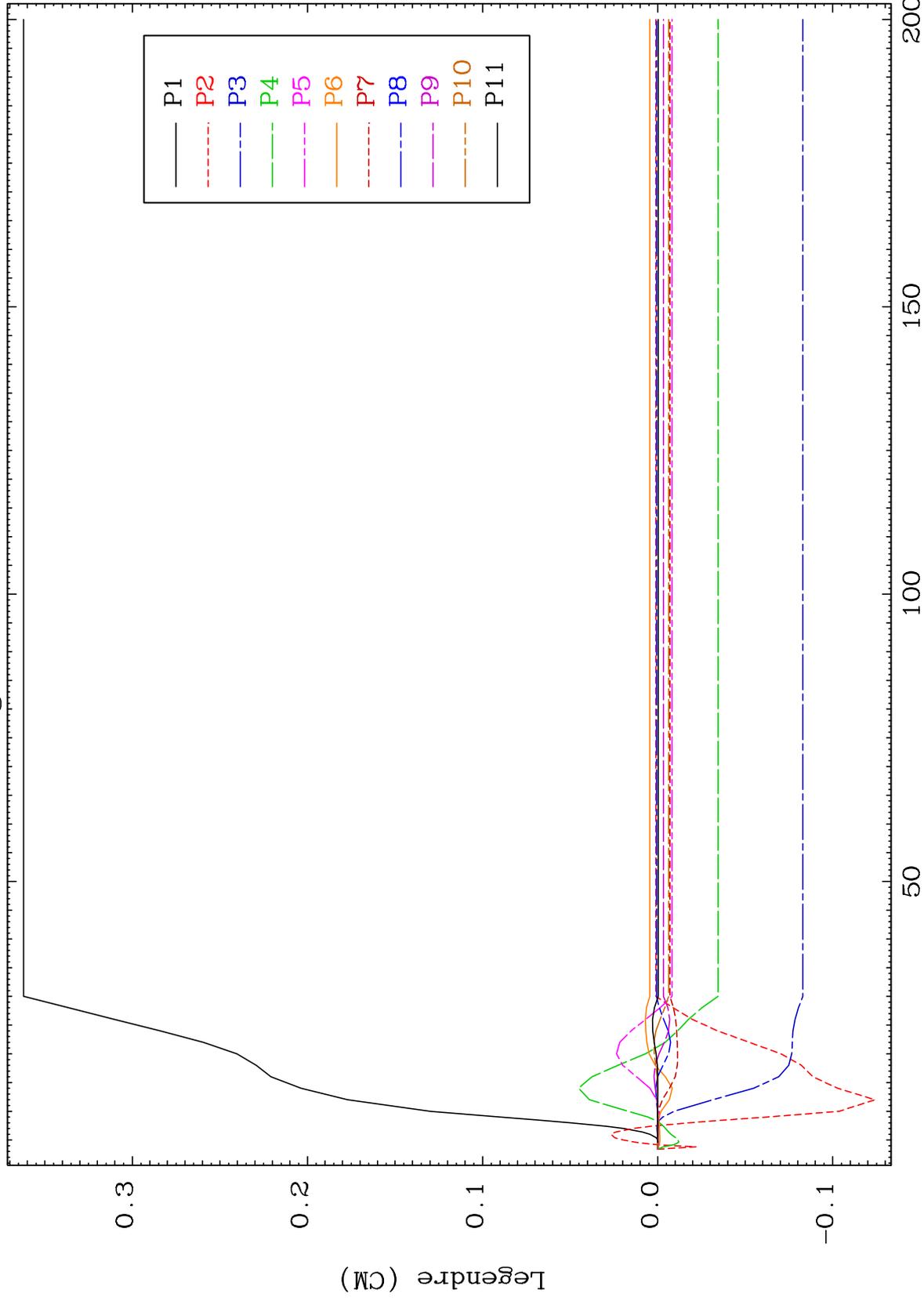




MAT 4219

MT= 74 (n,n') Level
Legendre Coefficients

42-Mo-90



103

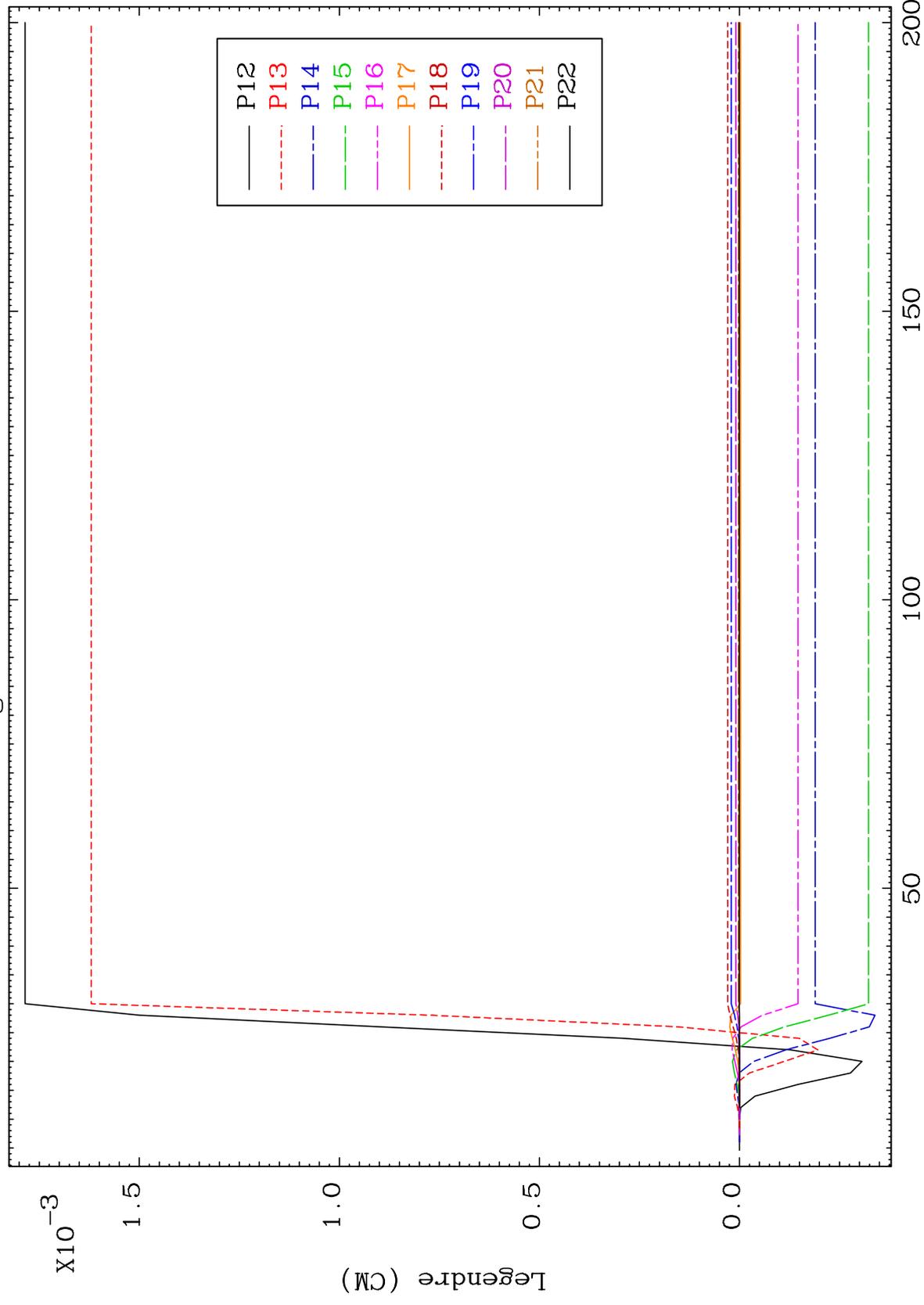
Incident Energy (MeV)

42-Mo-90

MAT 4219

MT= 74 (n,n') Level
Legendre Coefficients

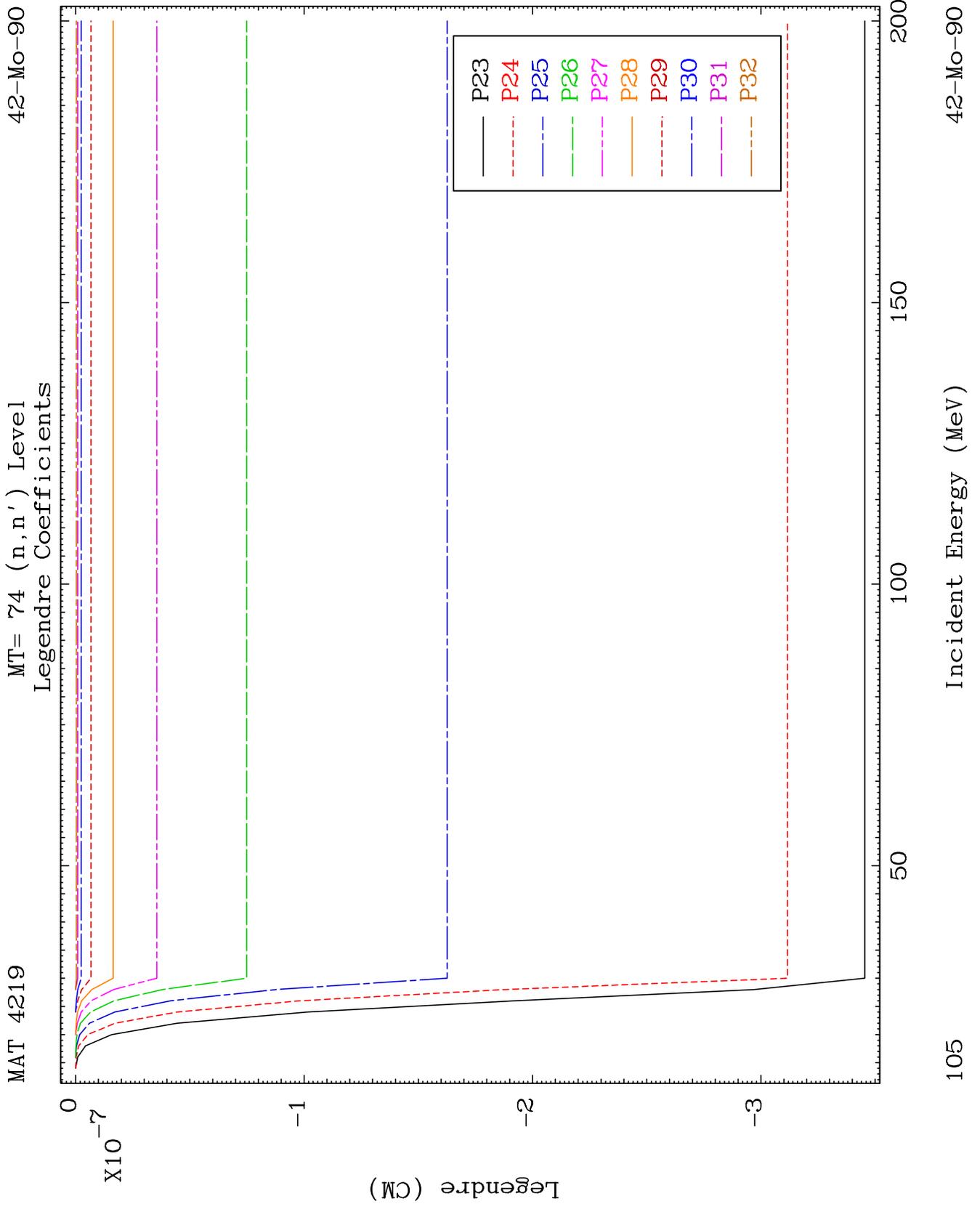
42-Mo-90



104

Incident Energy (MeV)

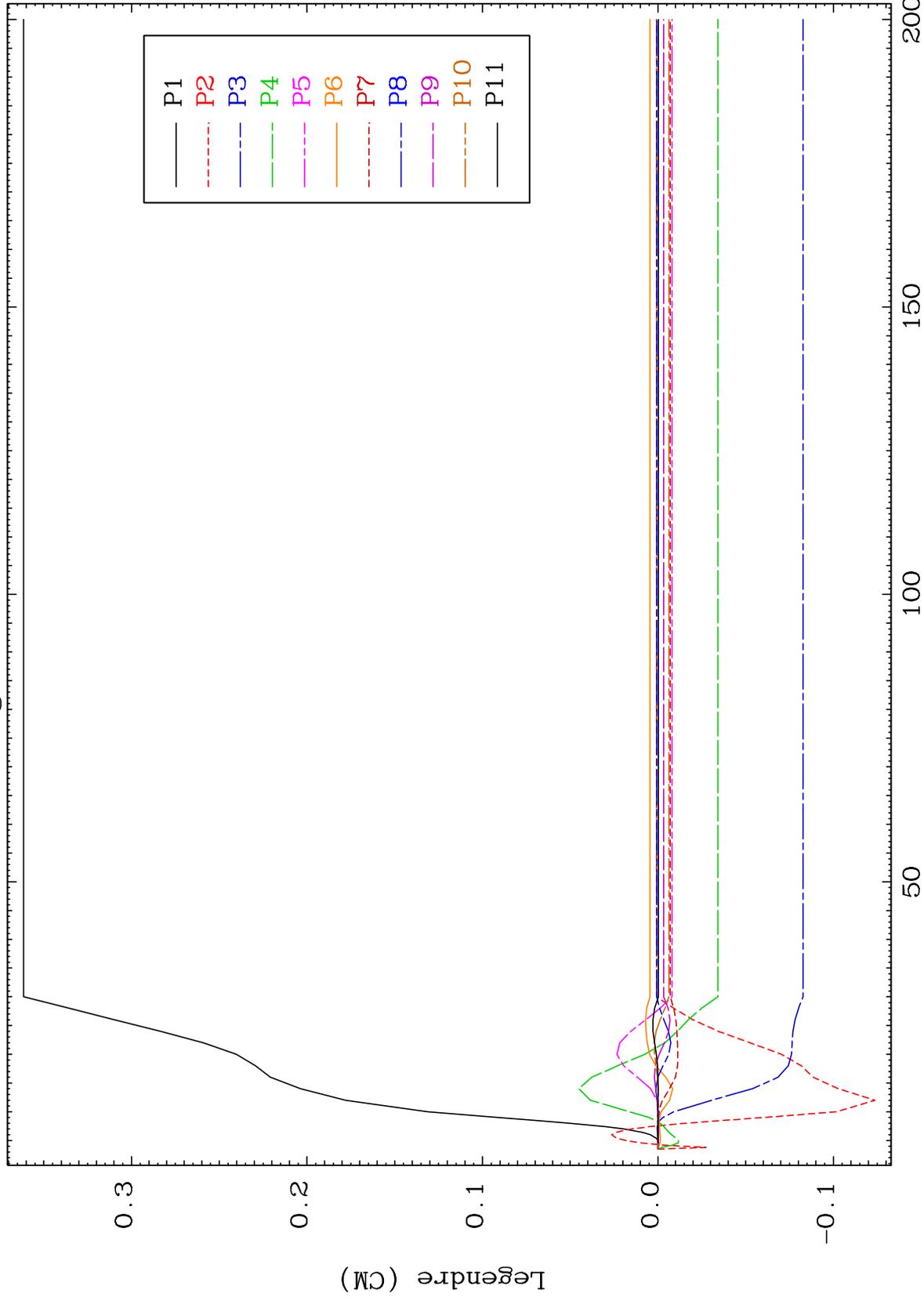
42-Mo-90



MAT 4219

MT= 75 (n,n') Level
Legendre Coefficients

42-Mo-90



106

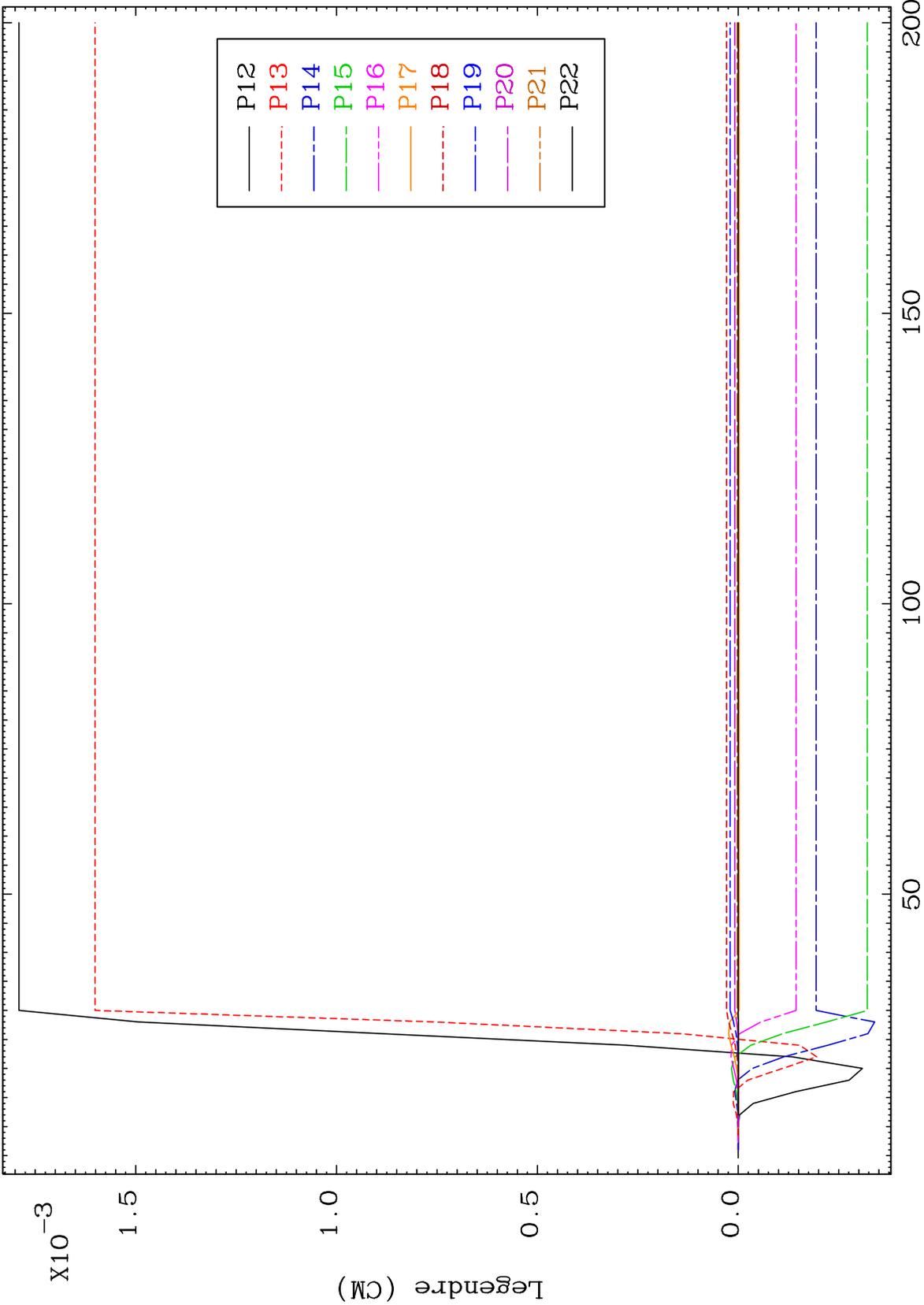
Incident Energy (MeV)

42-Mo-90

MAT 4219

MT= 75 (n,n') Level
Legendre Coefficients

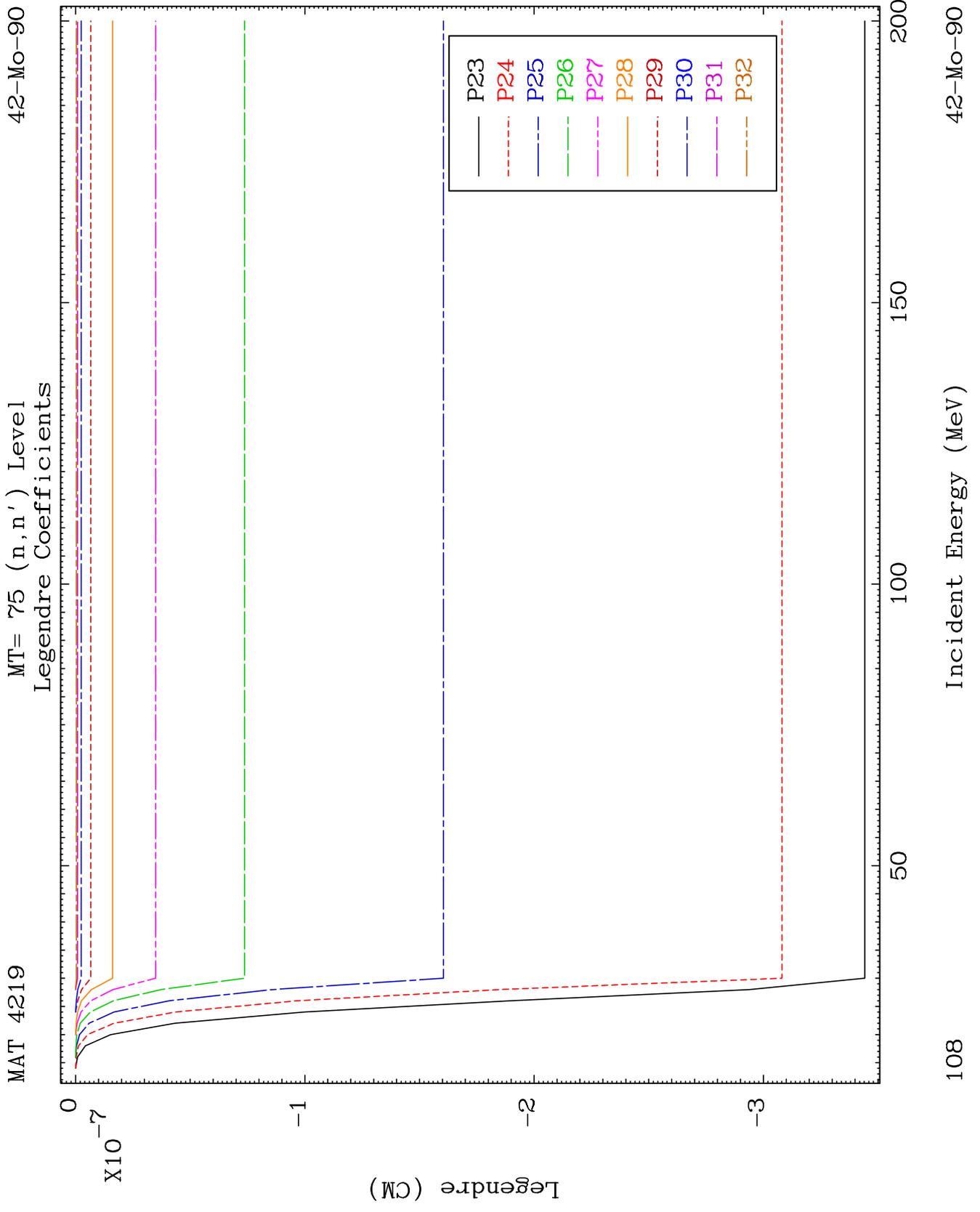
42-Mo-90



107

Incident Energy (MeV)

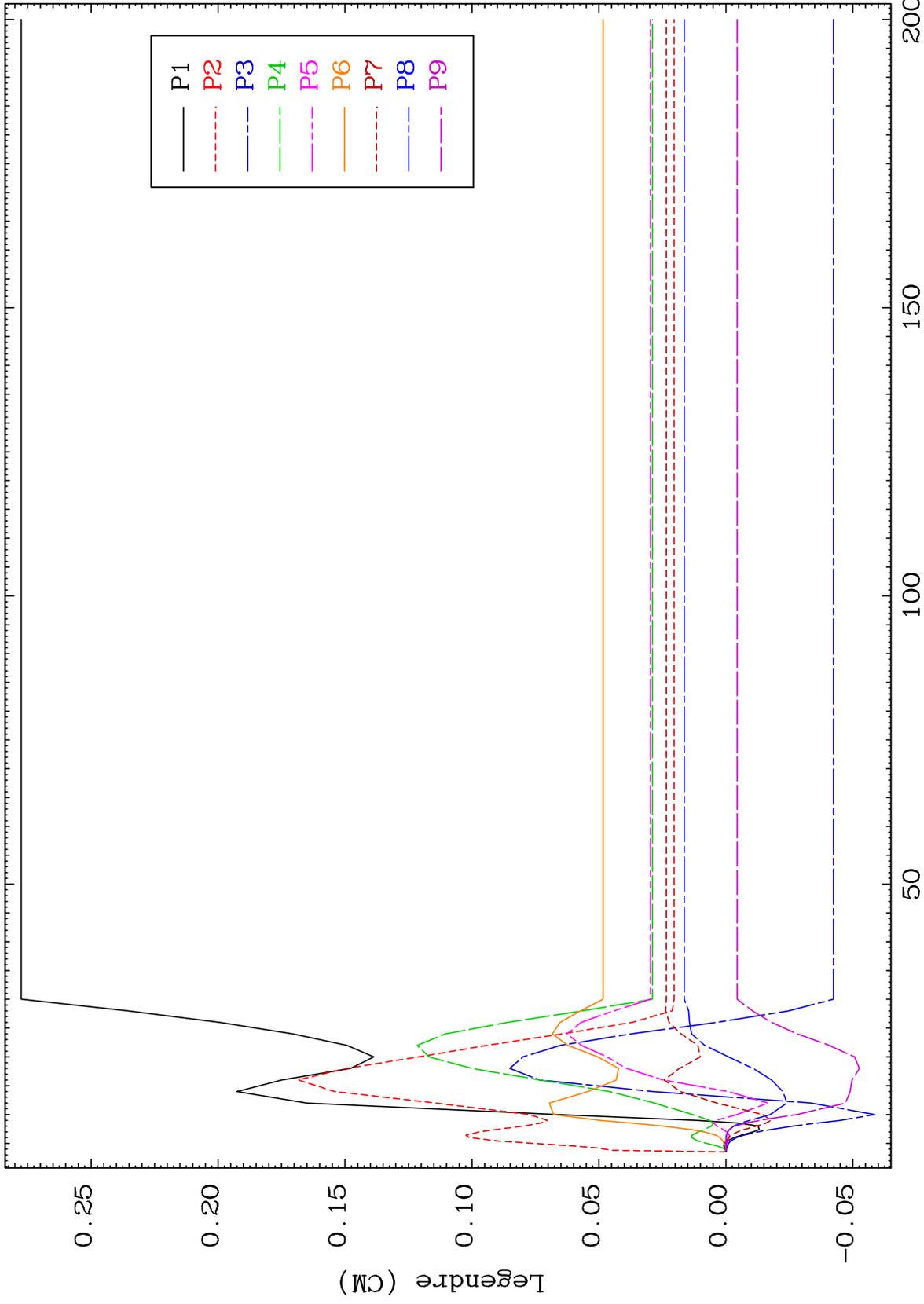
42-Mo-90



MAT 4219

MT= 76 (n,n') Level
Legendre Coefficients

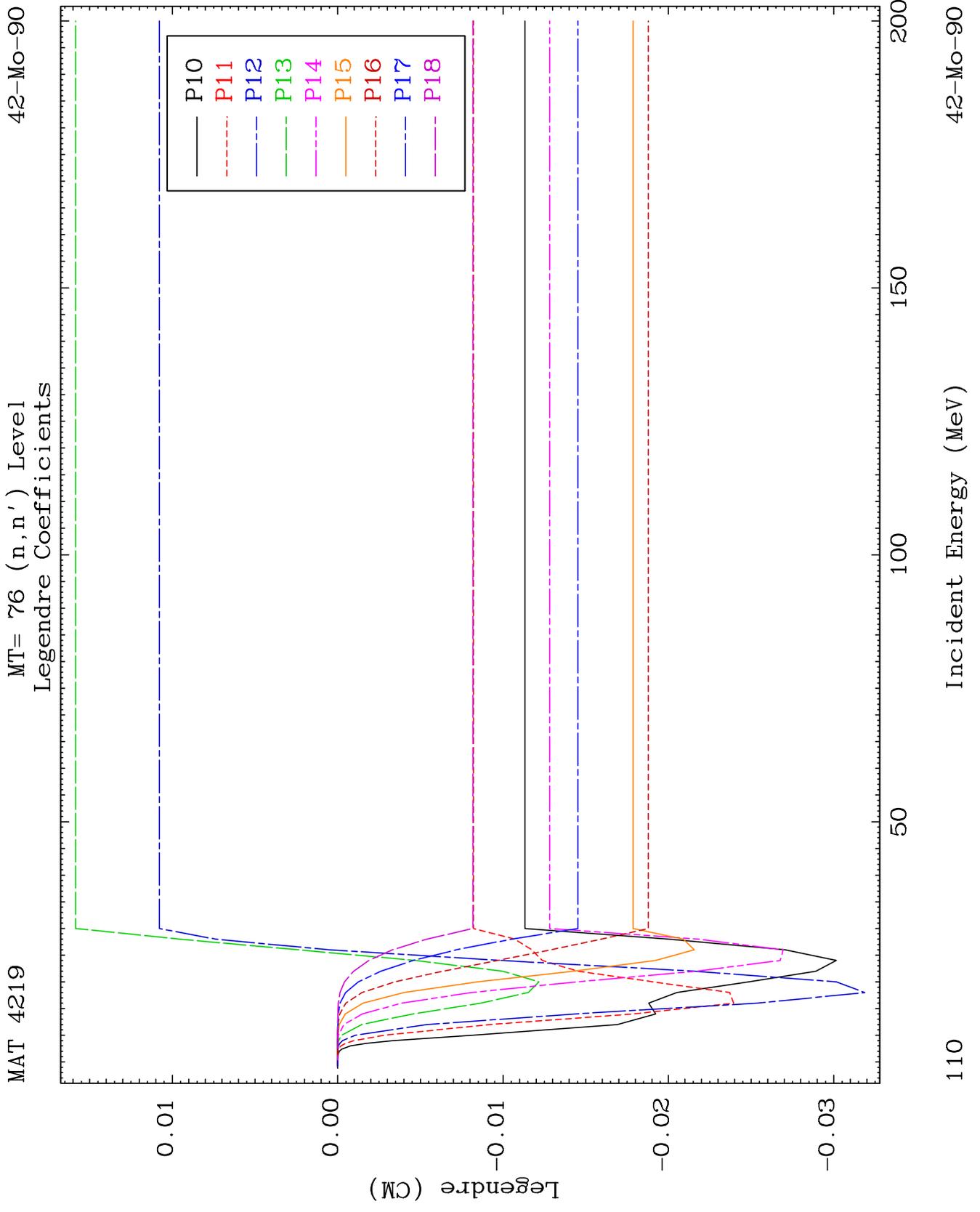
42-Mo-90

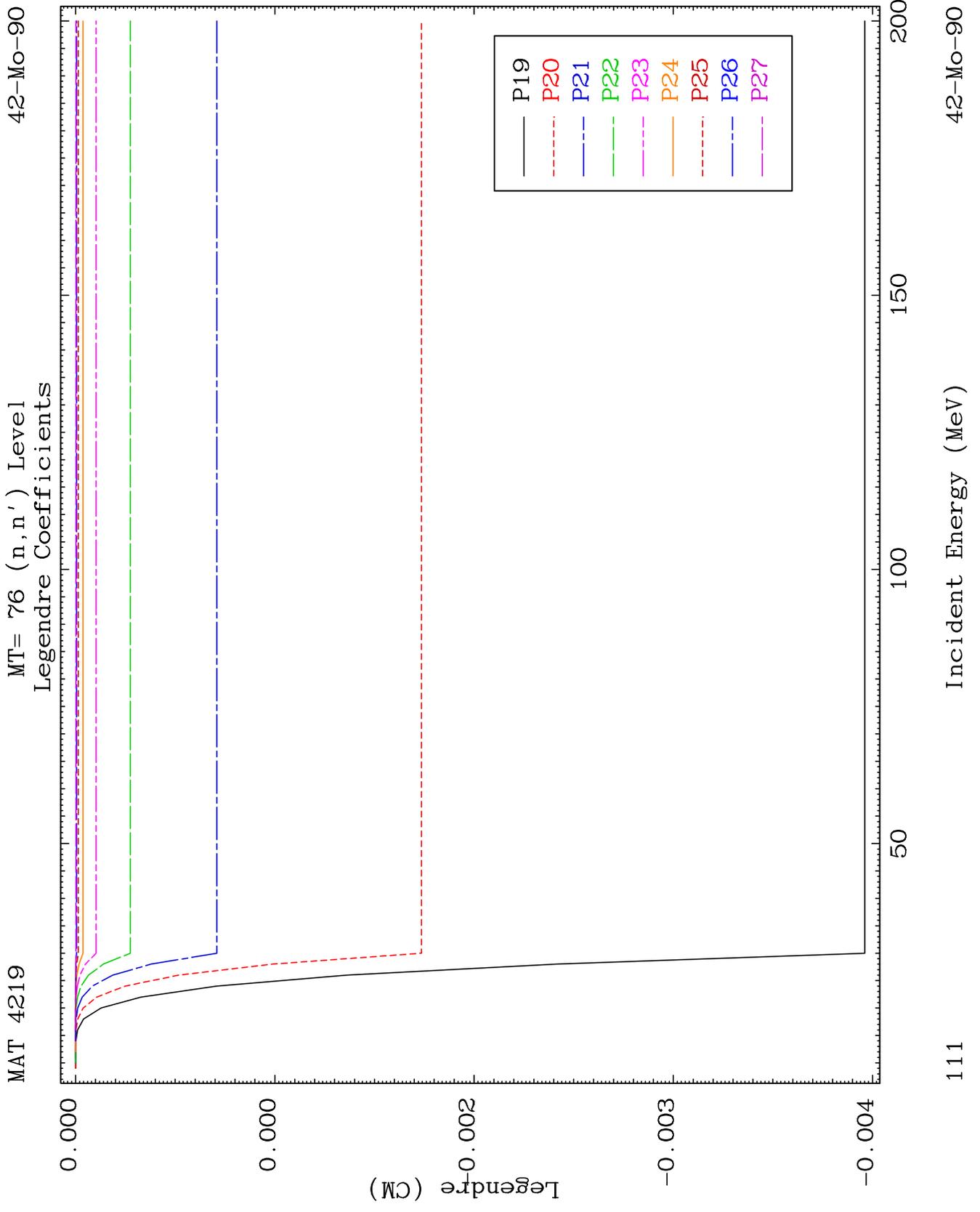


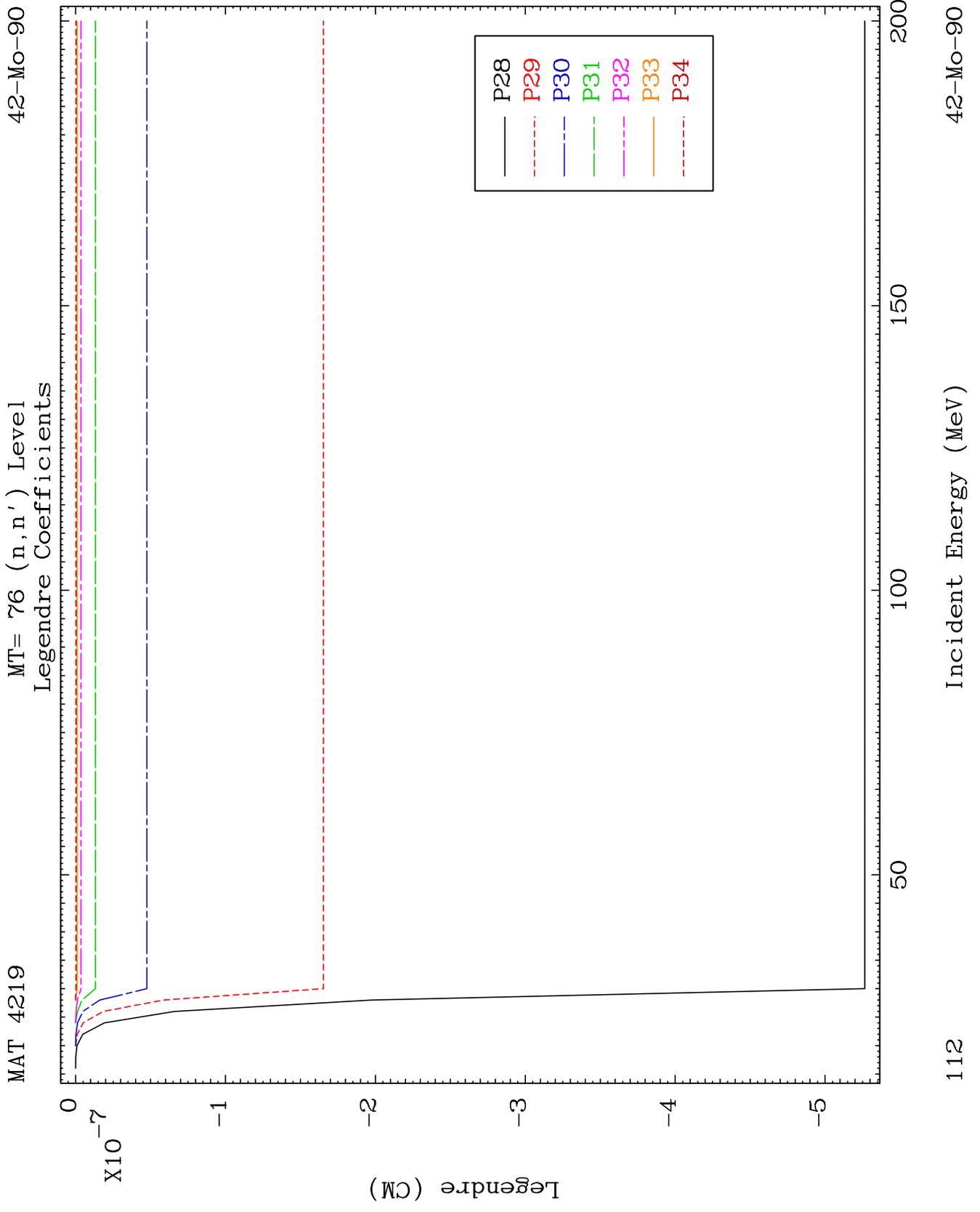
109

Incident Energy (MeV)

42-Mo-90



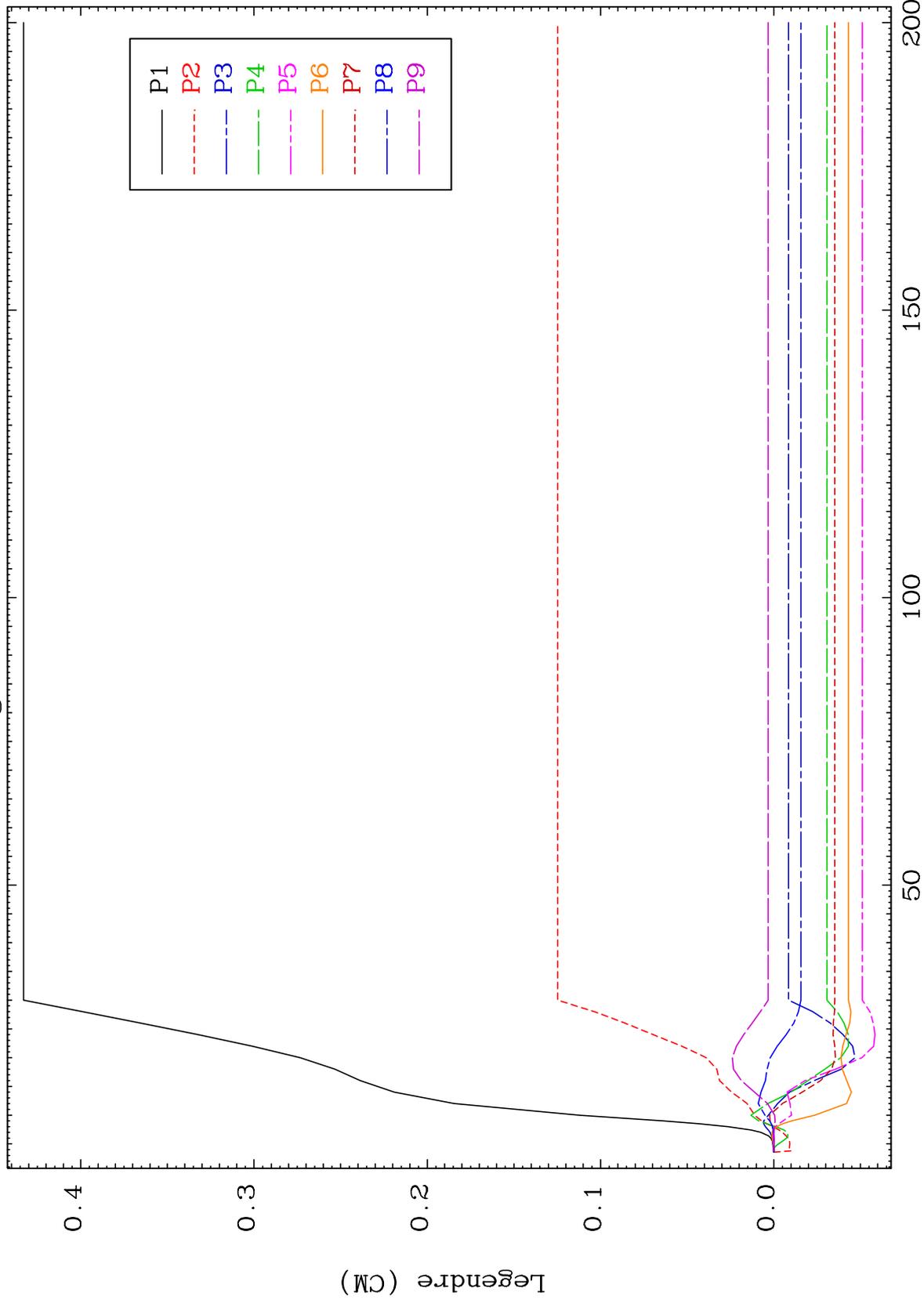




MAT 4219

MT= 77 (n,n') Level
Legendre Coefficients

42-Mo-90



113

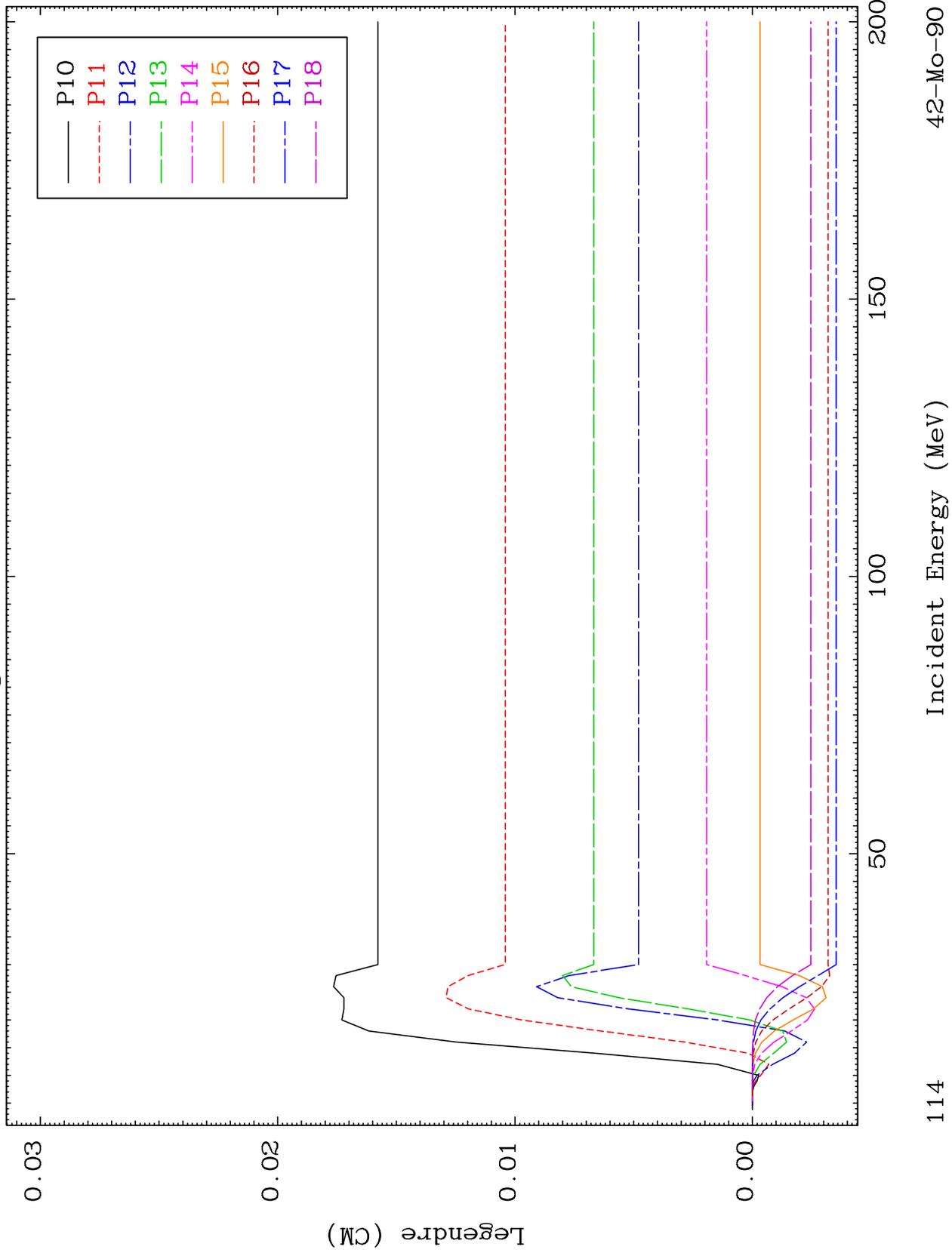
Incident Energy (MeV)

42-Mo-90

MAT 4219

MT= 77 (n,n') Level
Legendre Coefficients

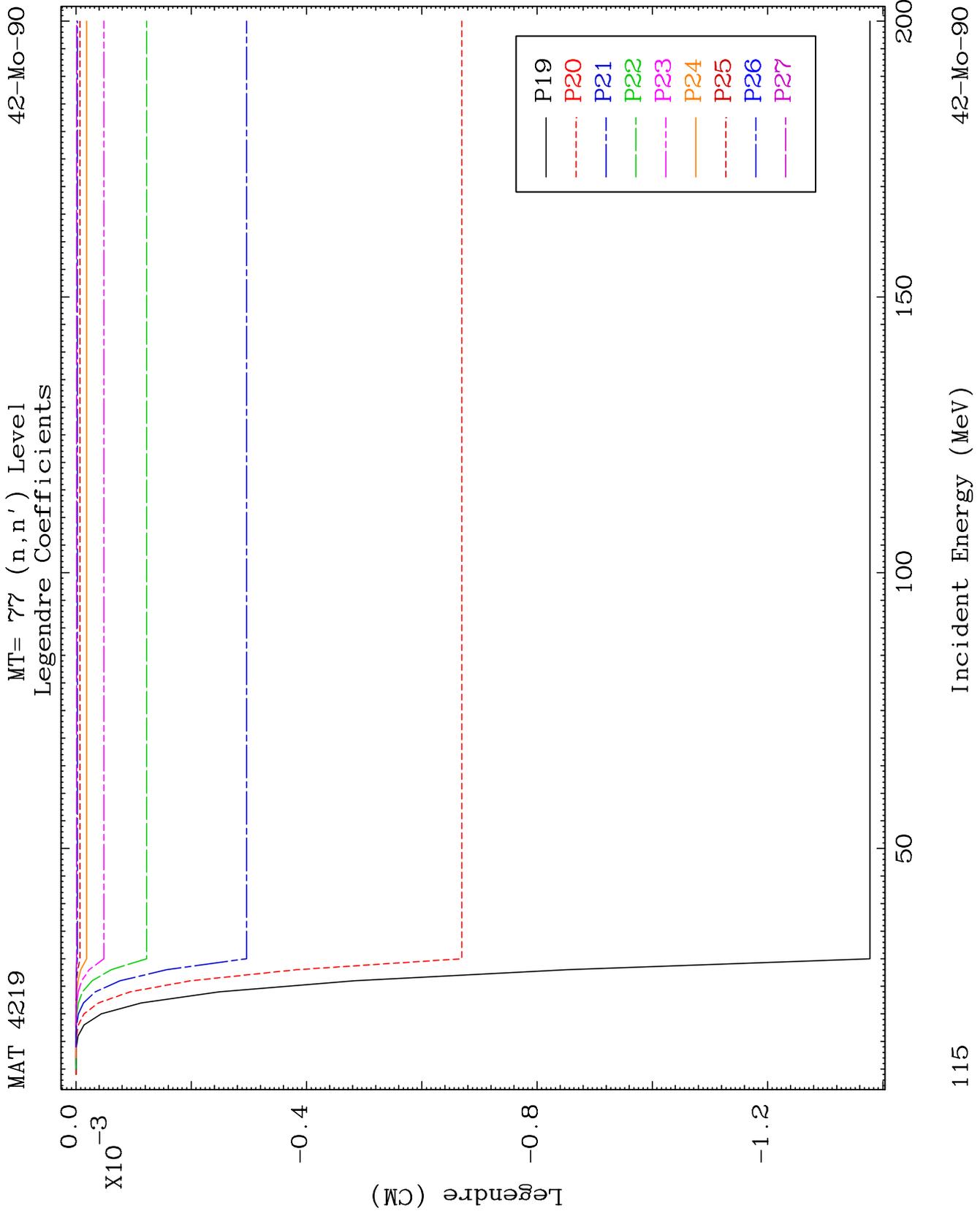
42-Mo-90

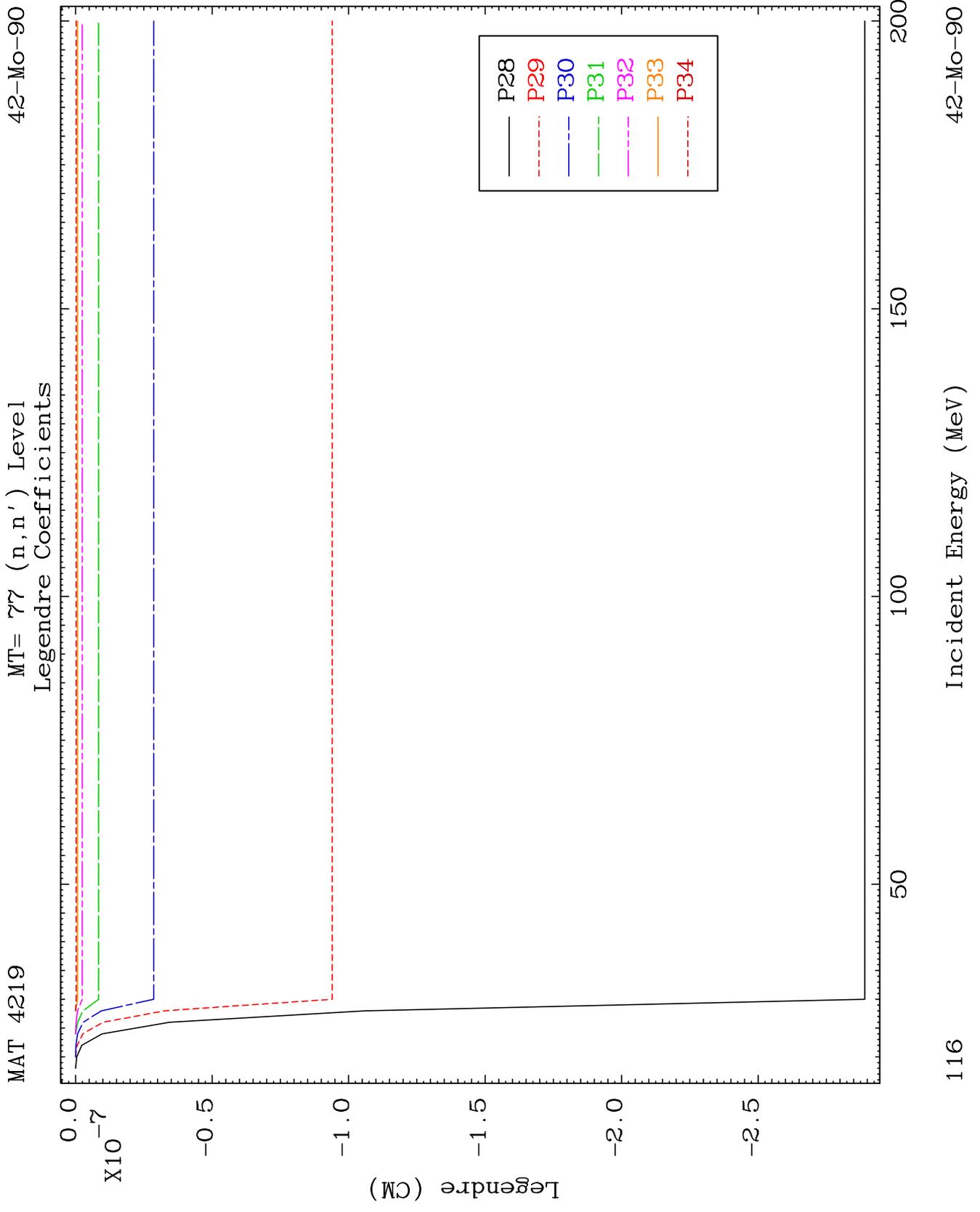


114

Incident Energy (MeV)

42-Mo-90

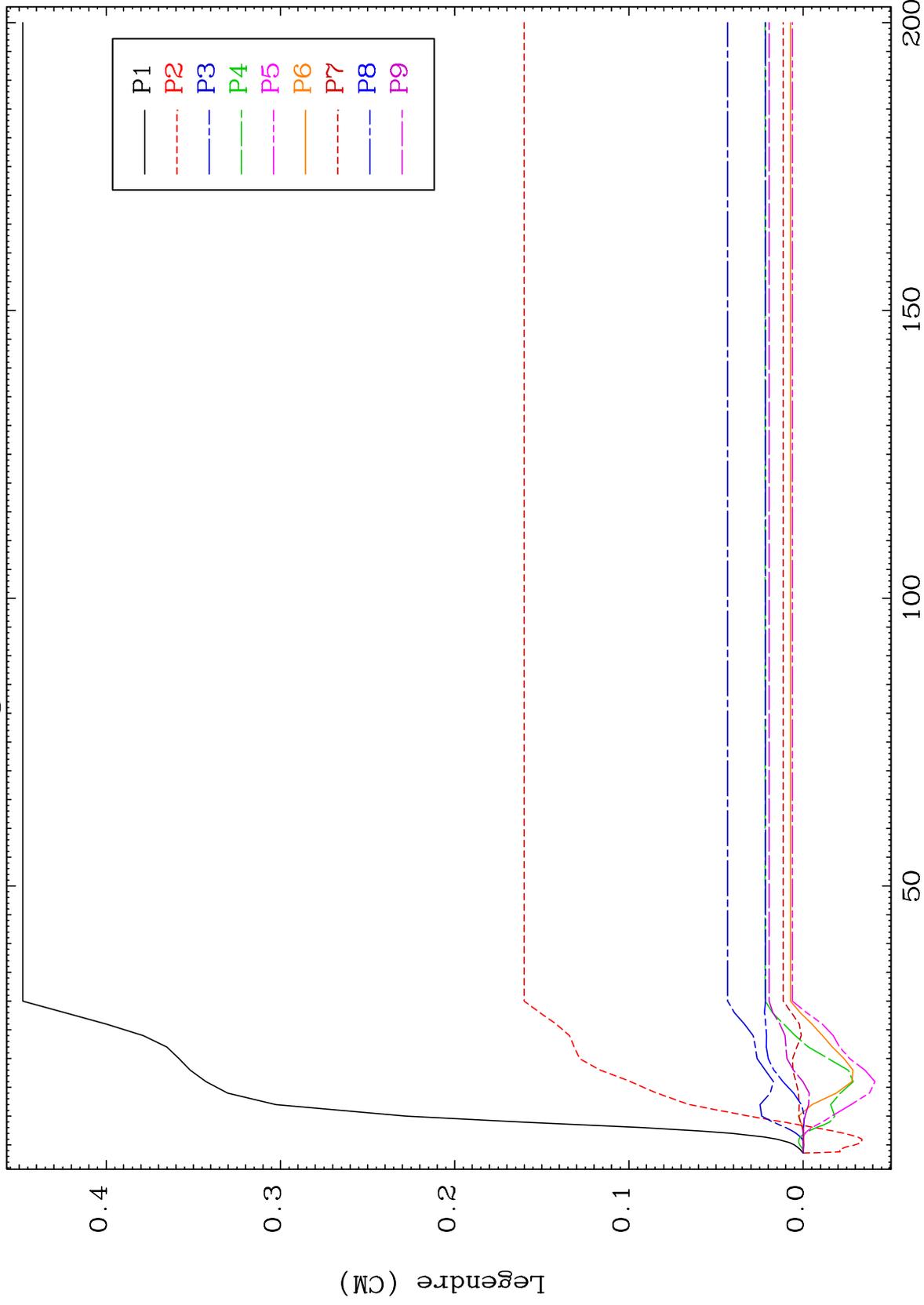




MAT 4219

MT= 78 (n,n') Level
Legendre Coefficients

42-Mo-90



117

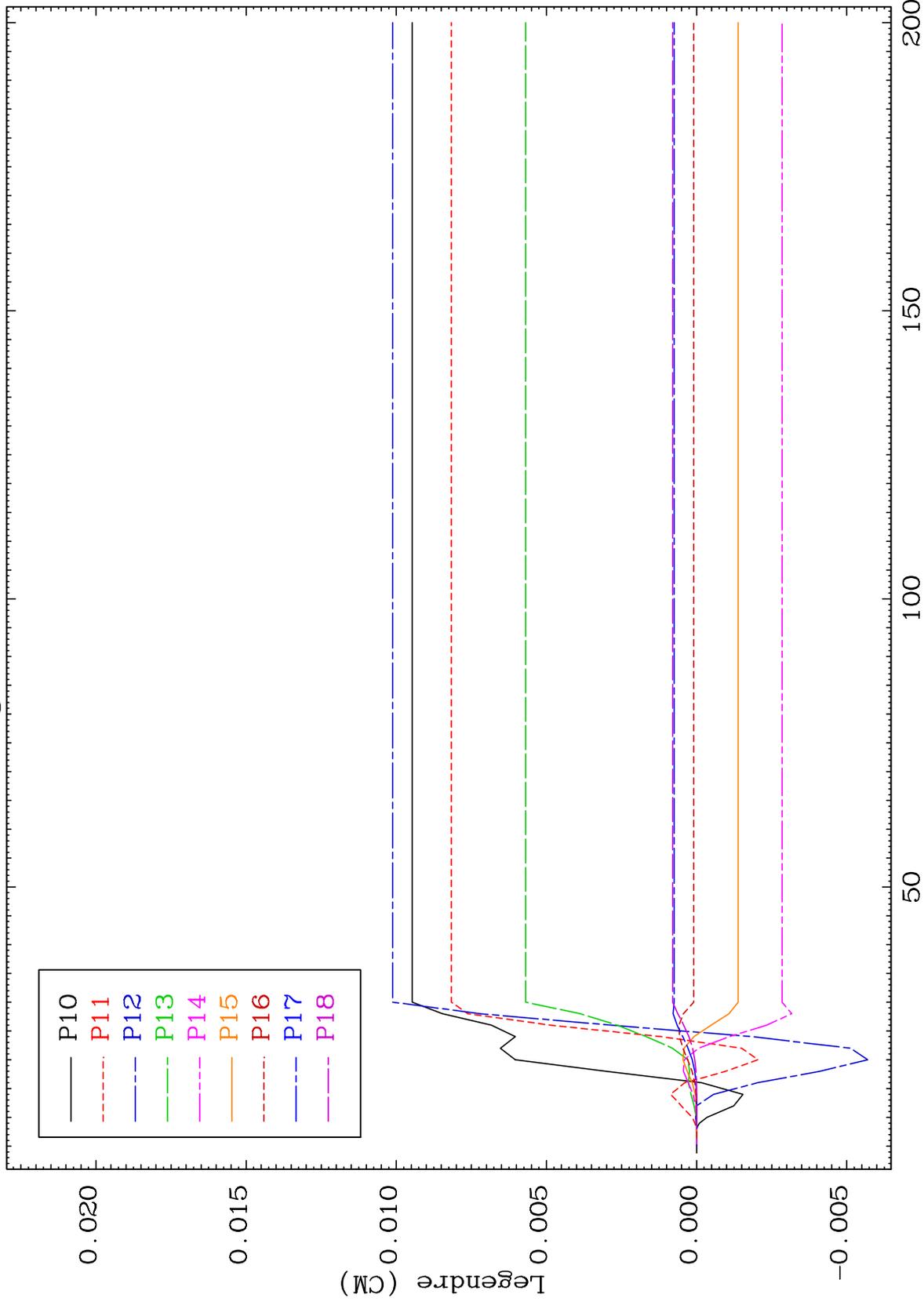
Incident Energy (MeV)

42-Mo-90

MAT 4219

MT= 78 (n,n') Level
Legendre Coefficients

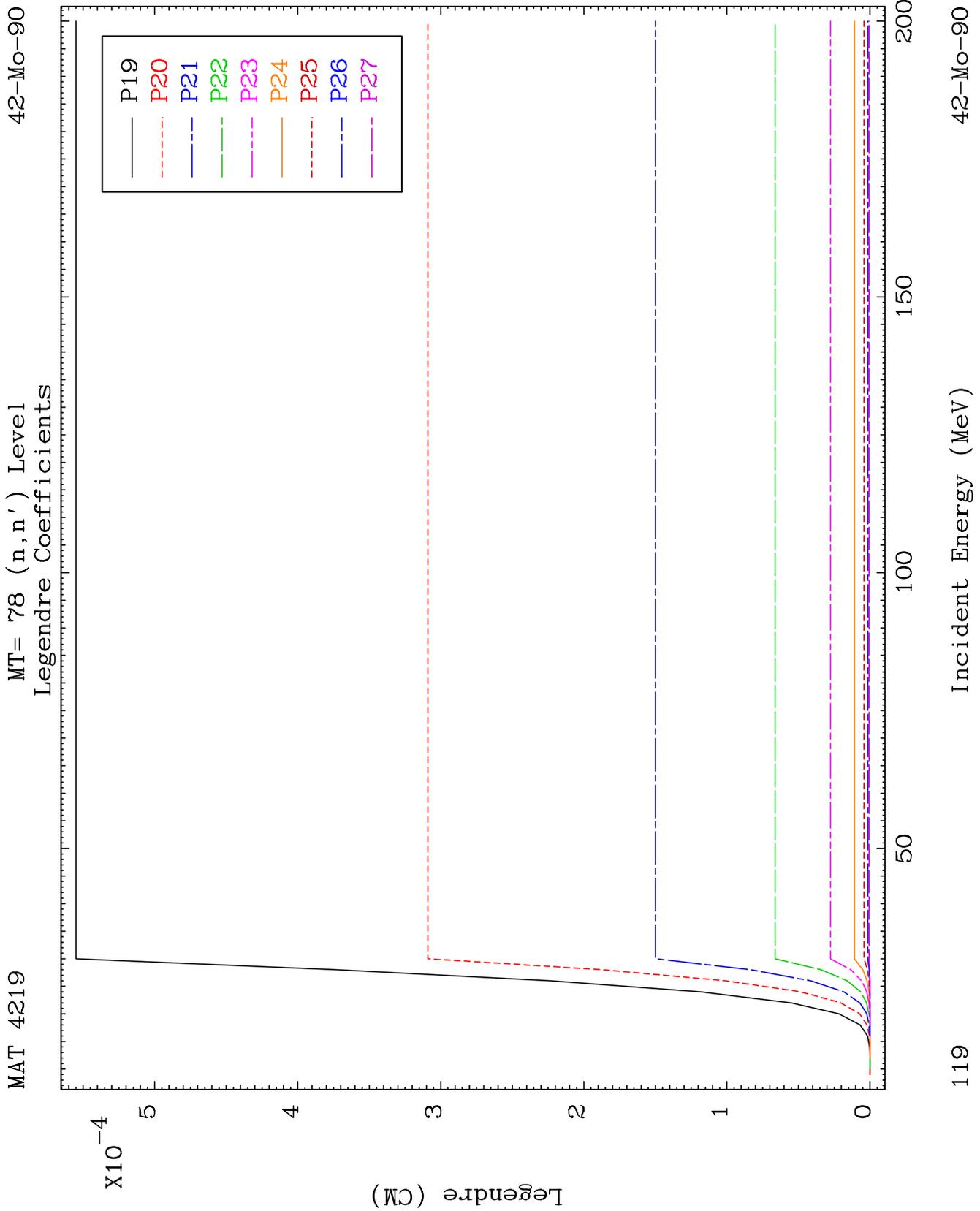
42-Mo-90

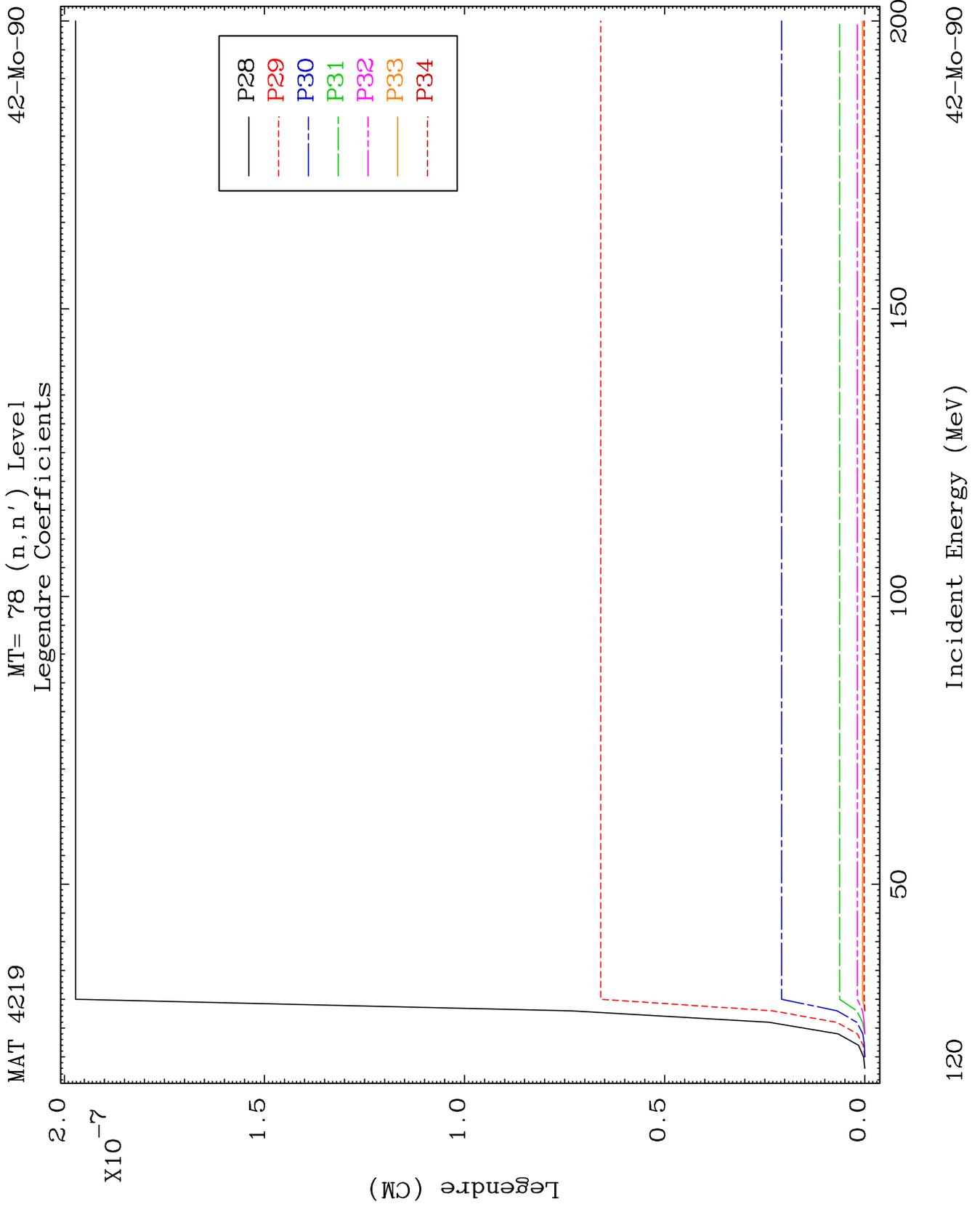


118

Incident Energy (MeV)

42-Mo-90

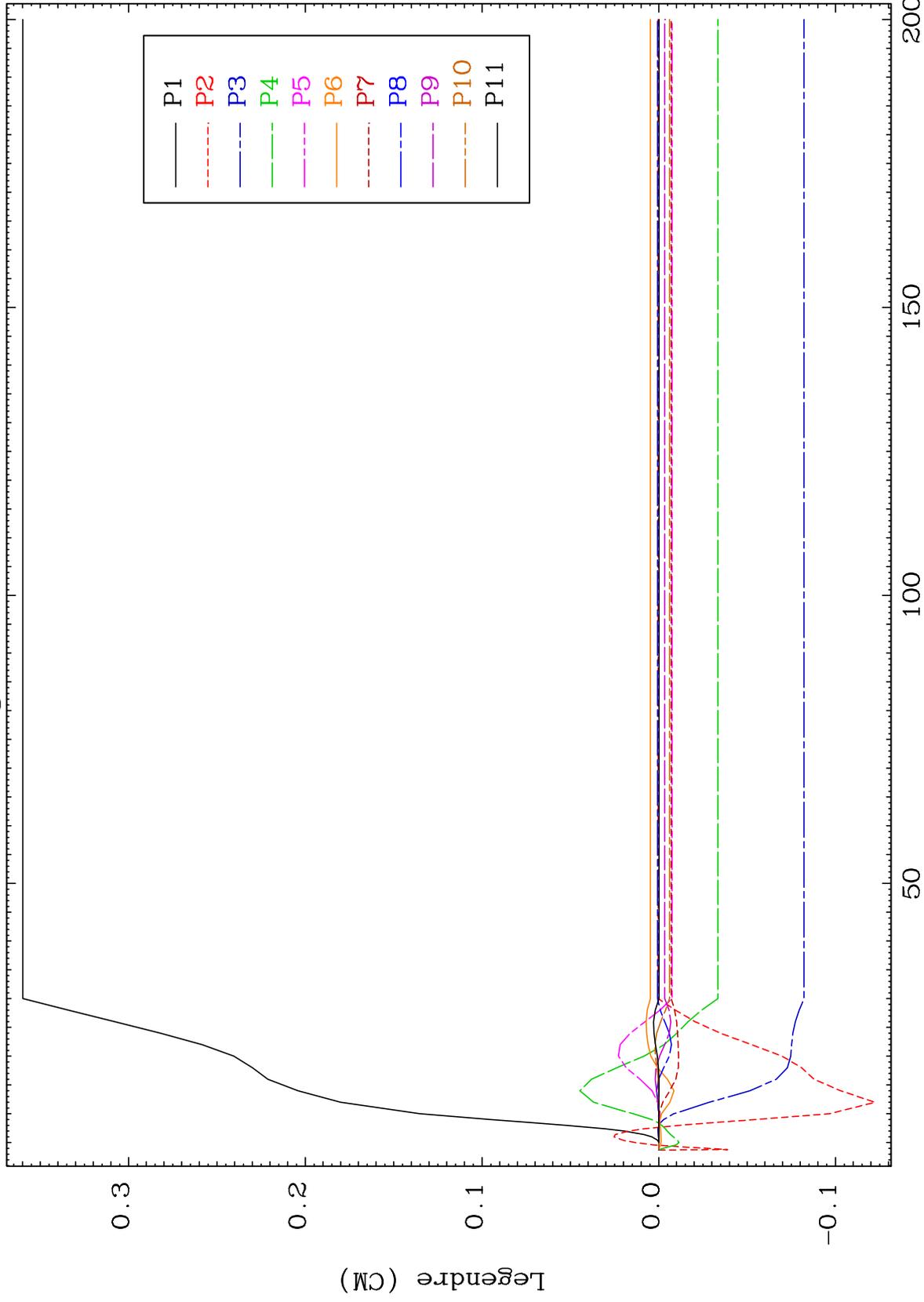




MAT 4219

MT= 79 (n,n') Level
Legendre Coefficients

42-Mo-90



121

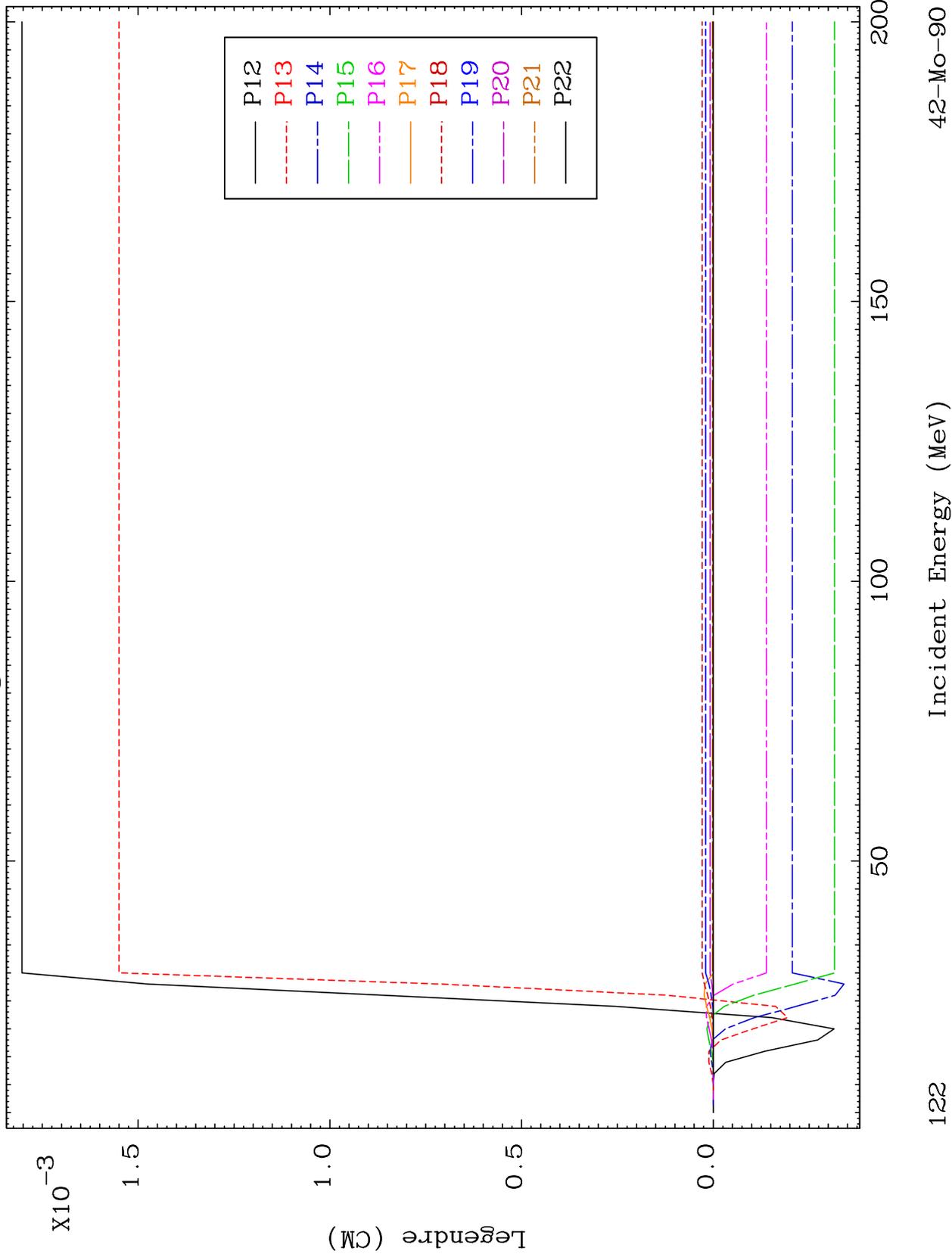
Incident Energy (MeV)

42-Mo-90

MAT 4219

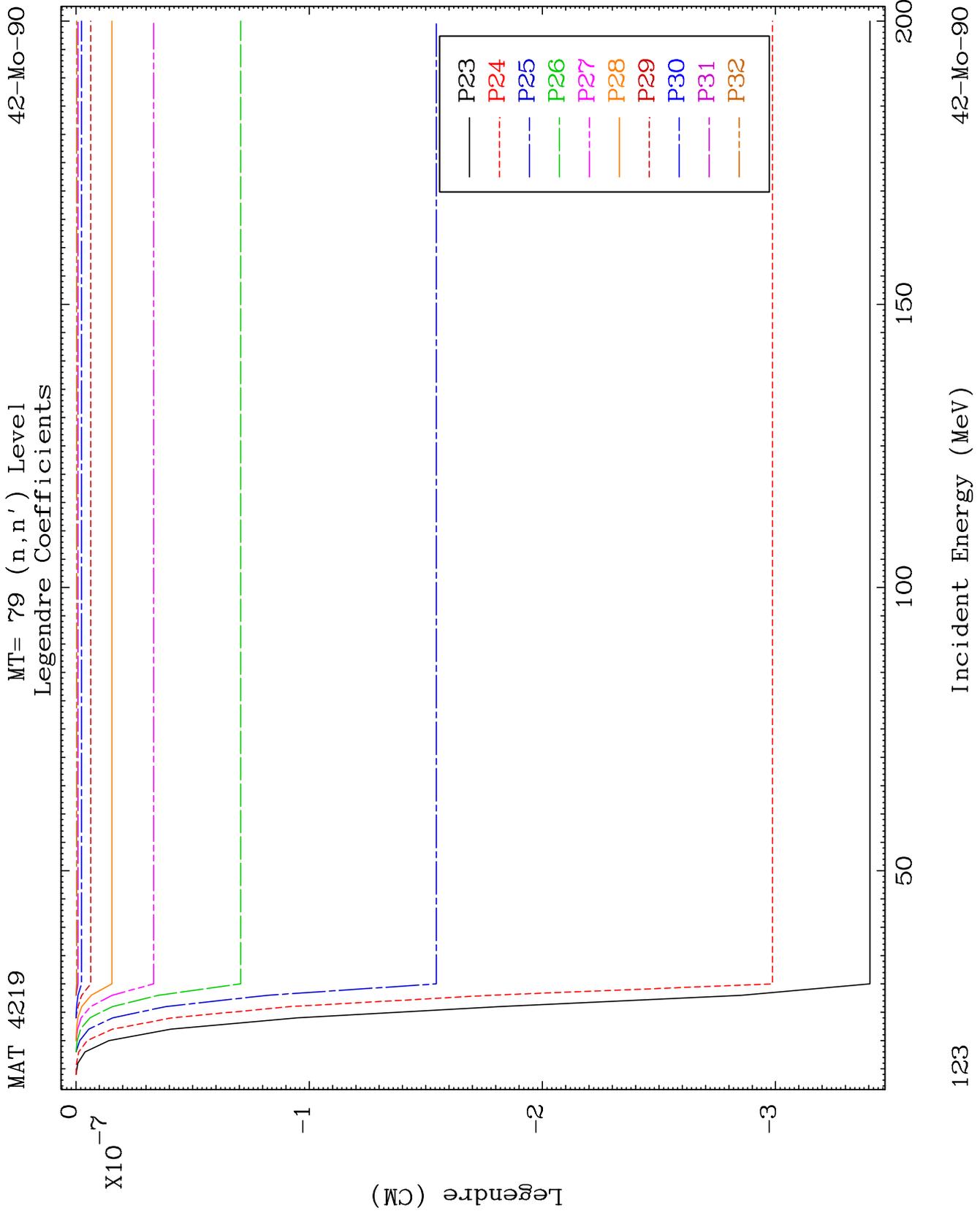
MT= 79 (n,n') Level
Legendre Coefficients

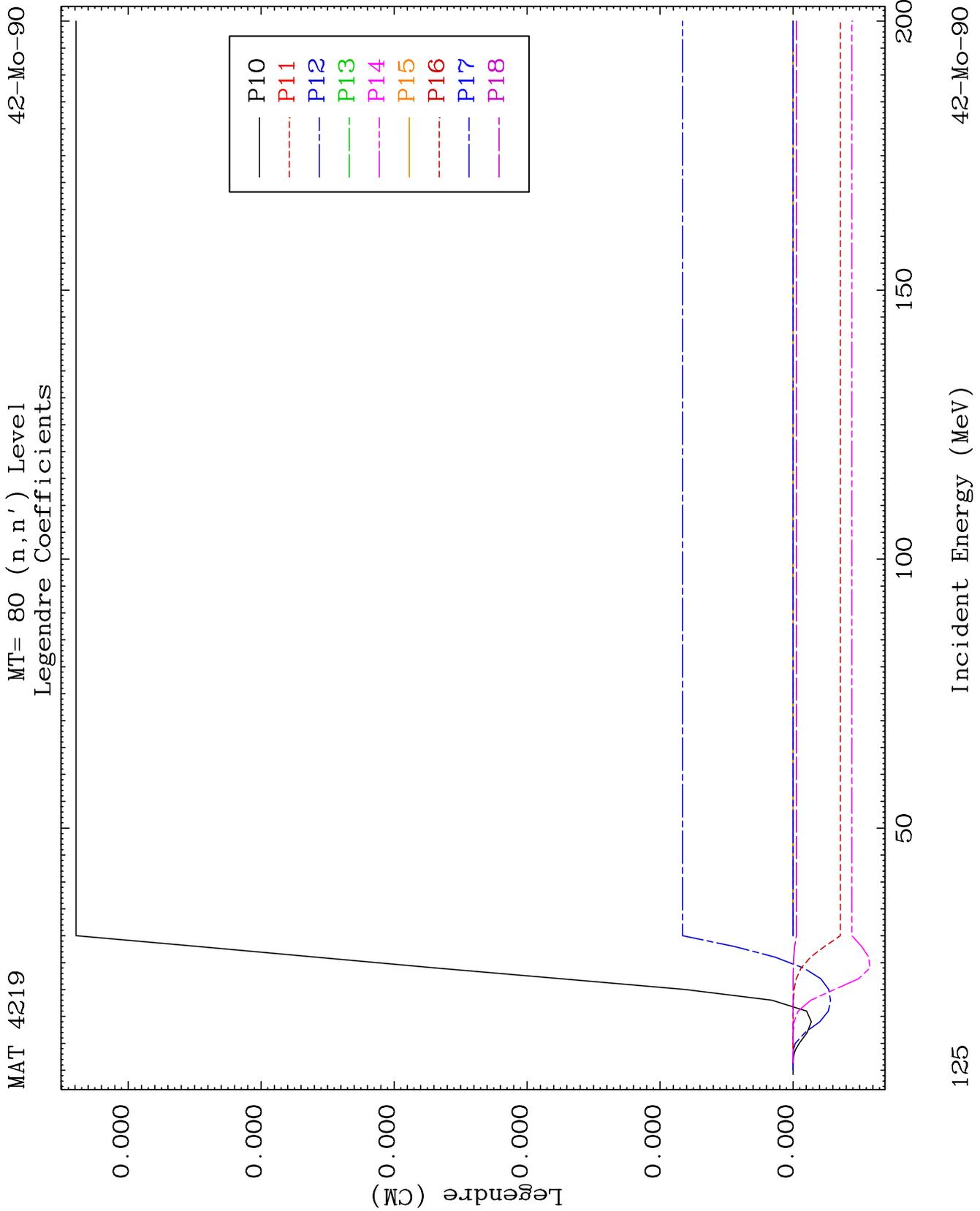
42-Mo-90

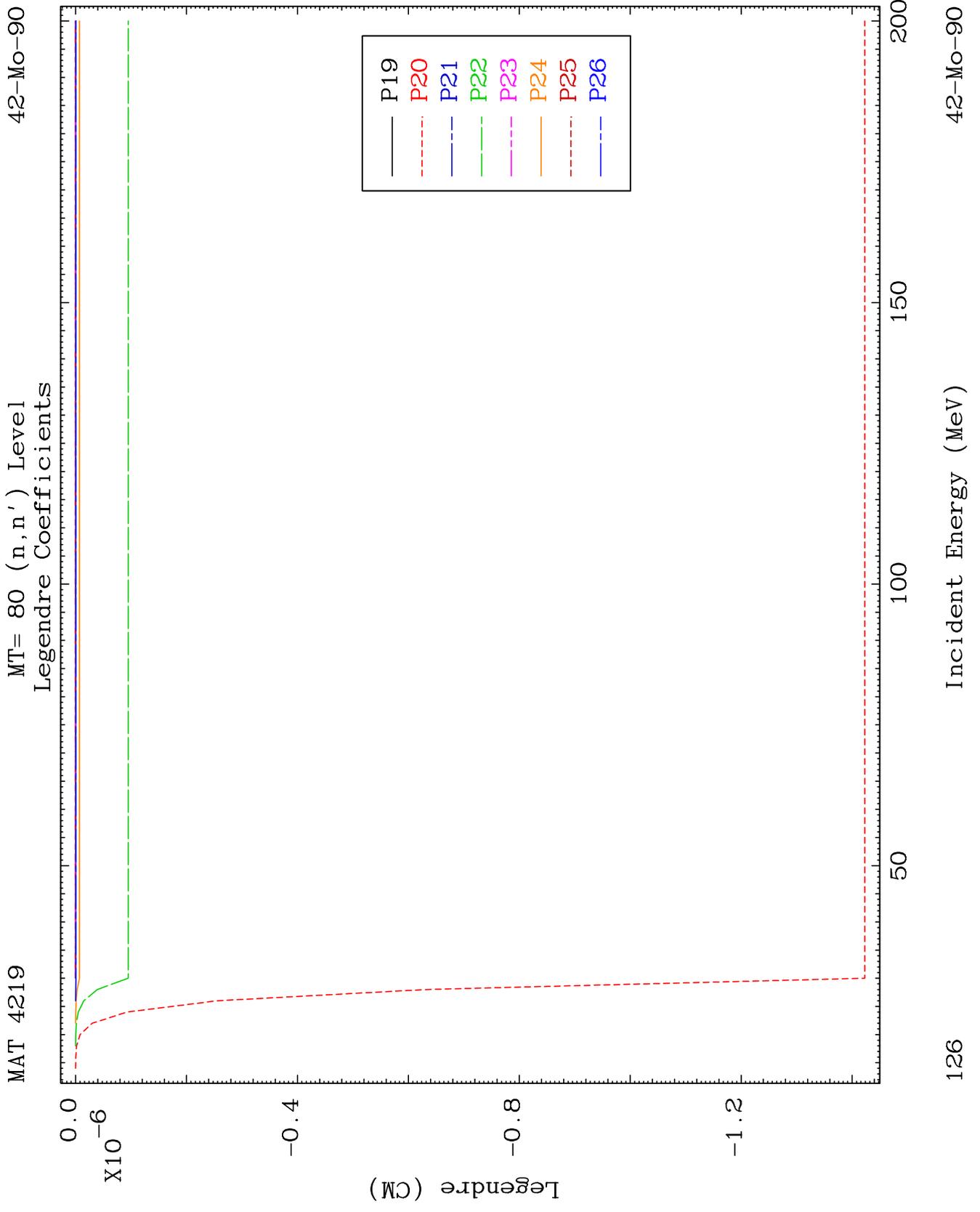


122

42-Mo-90



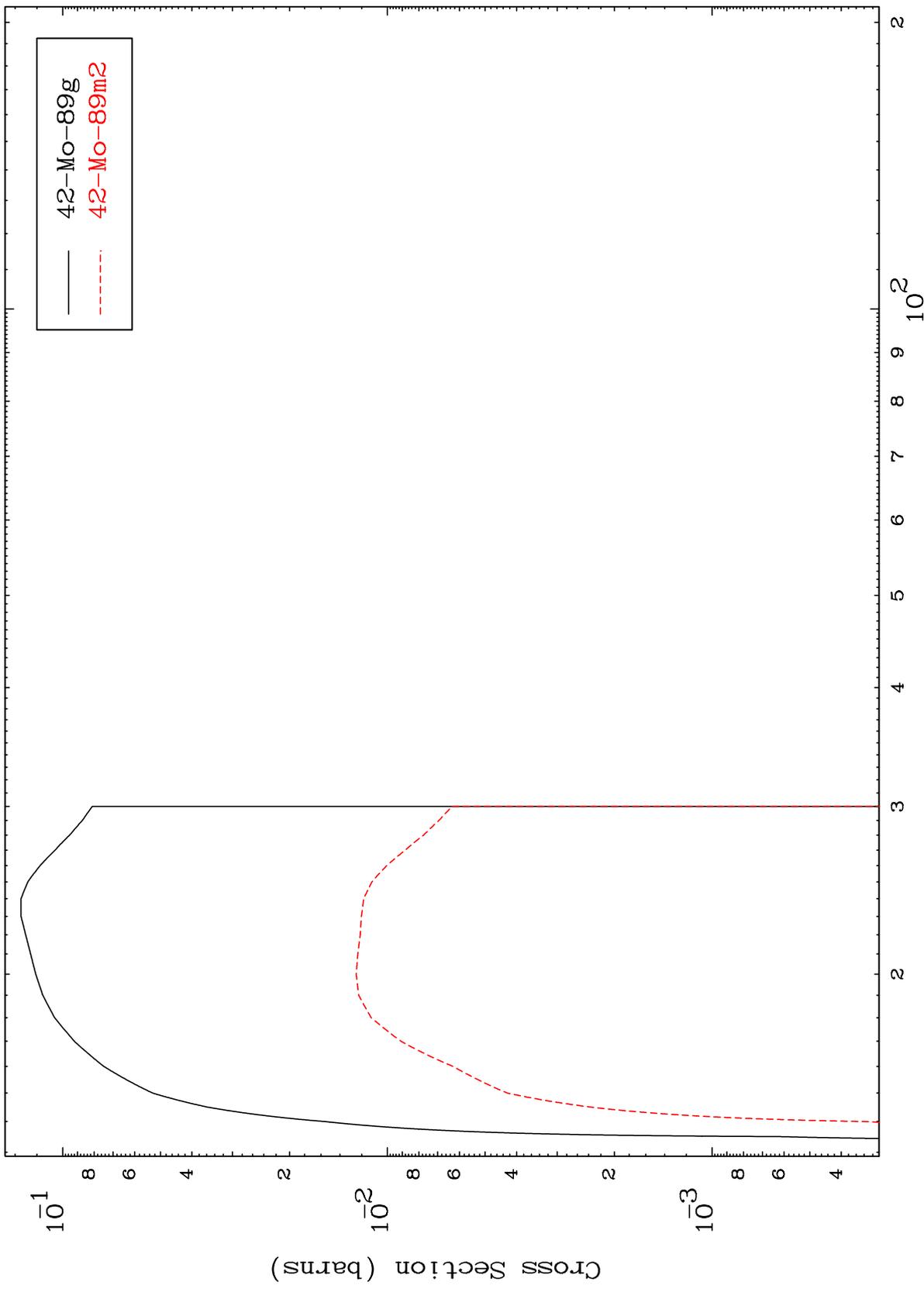




MAT 4219

42-Mo-90

(n,2n)
Radionuclide Production Cross Section



127

42-Mo-90

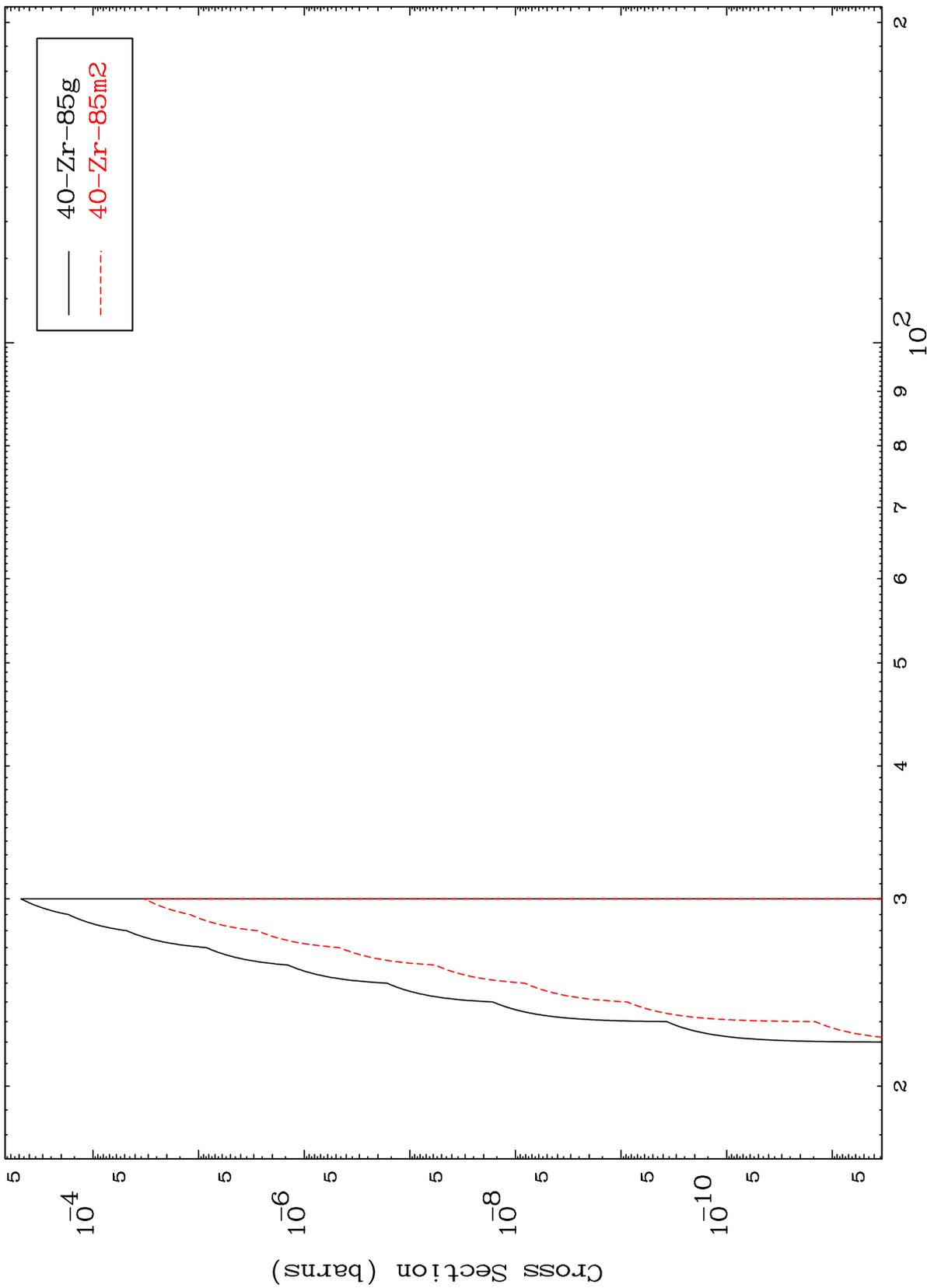
Incident Energy (MeV)

MAT 4219

(n,2n) α

42-Mo-90

Radionuclide Production Cross Section



128

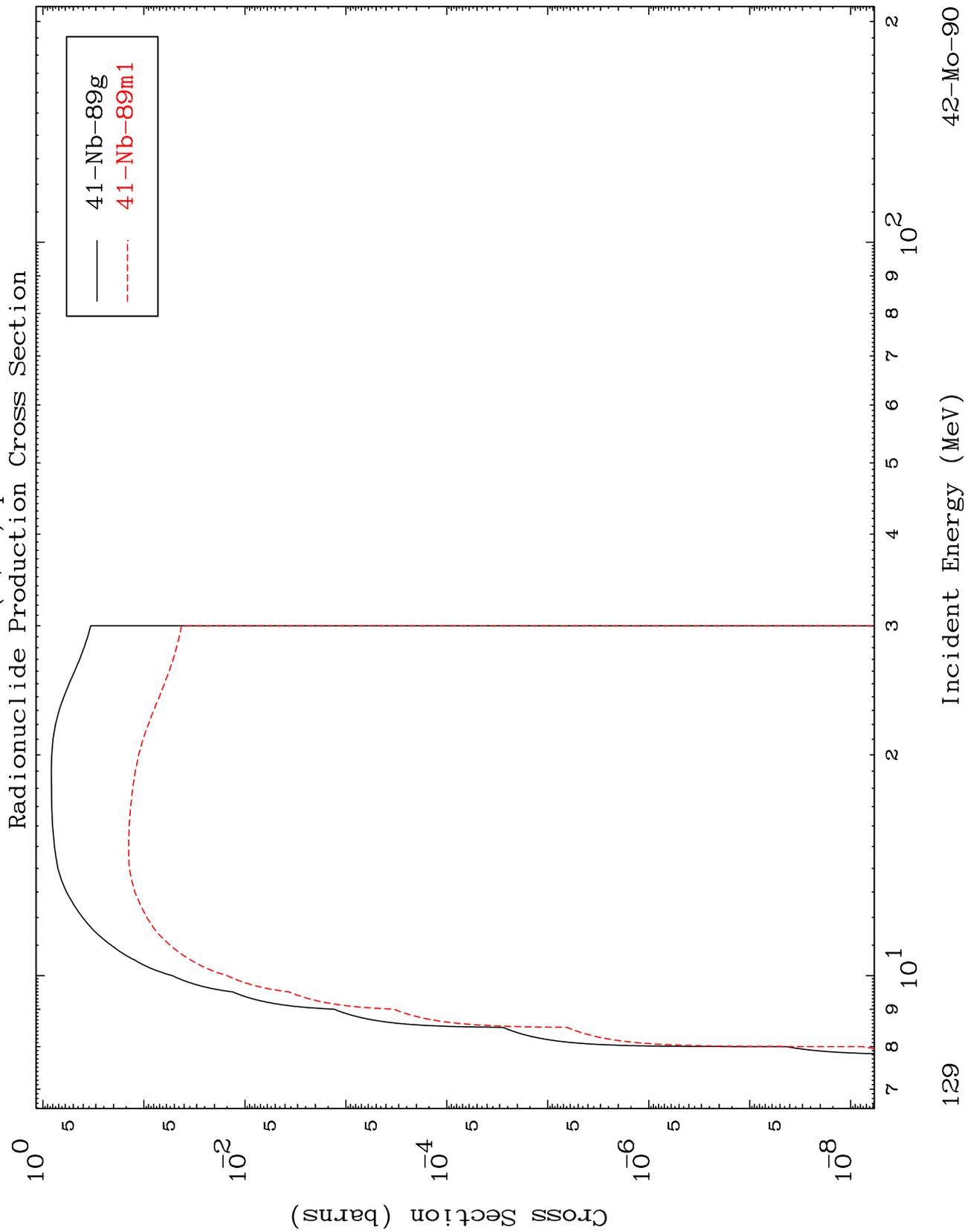
Incident Energy (MeV)

42-Mo-90

MAT 4219

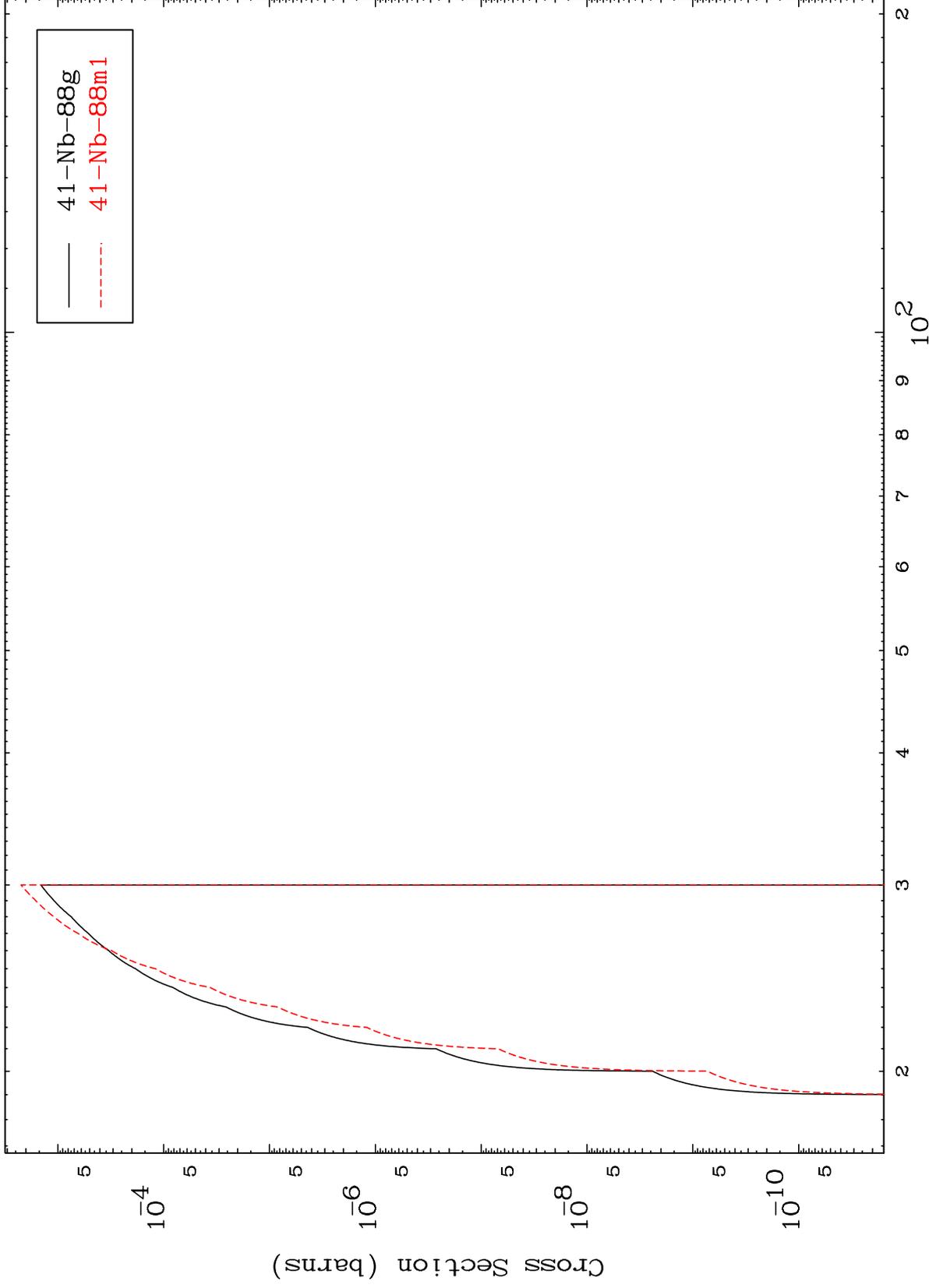
(n,n') p

42-Mo-90



129

(n,n') d
Radionuclide Production Cross Section

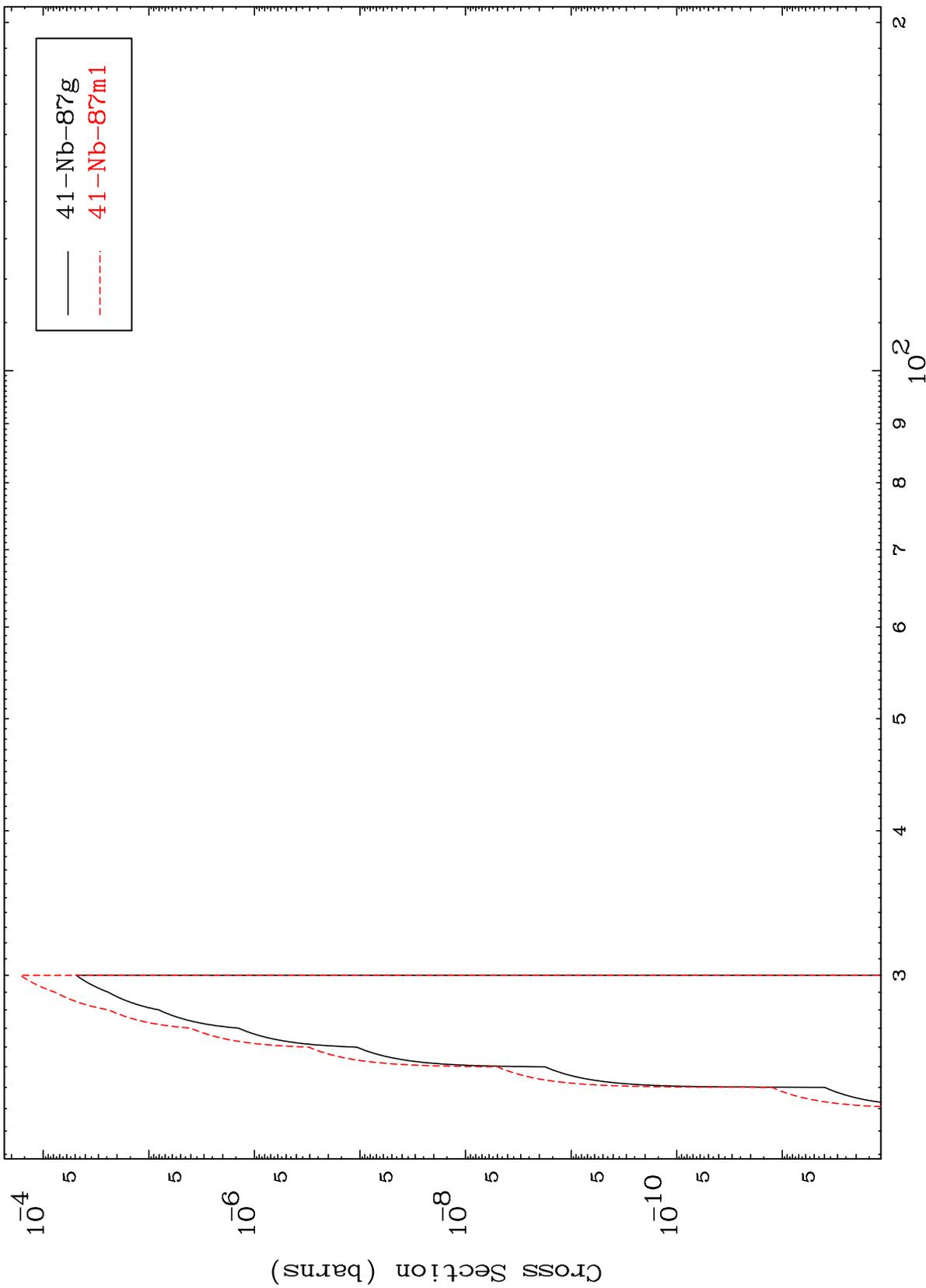


MAT 4219

(n,n') t

42-Mo-90

Radionuclide Production Cross Section

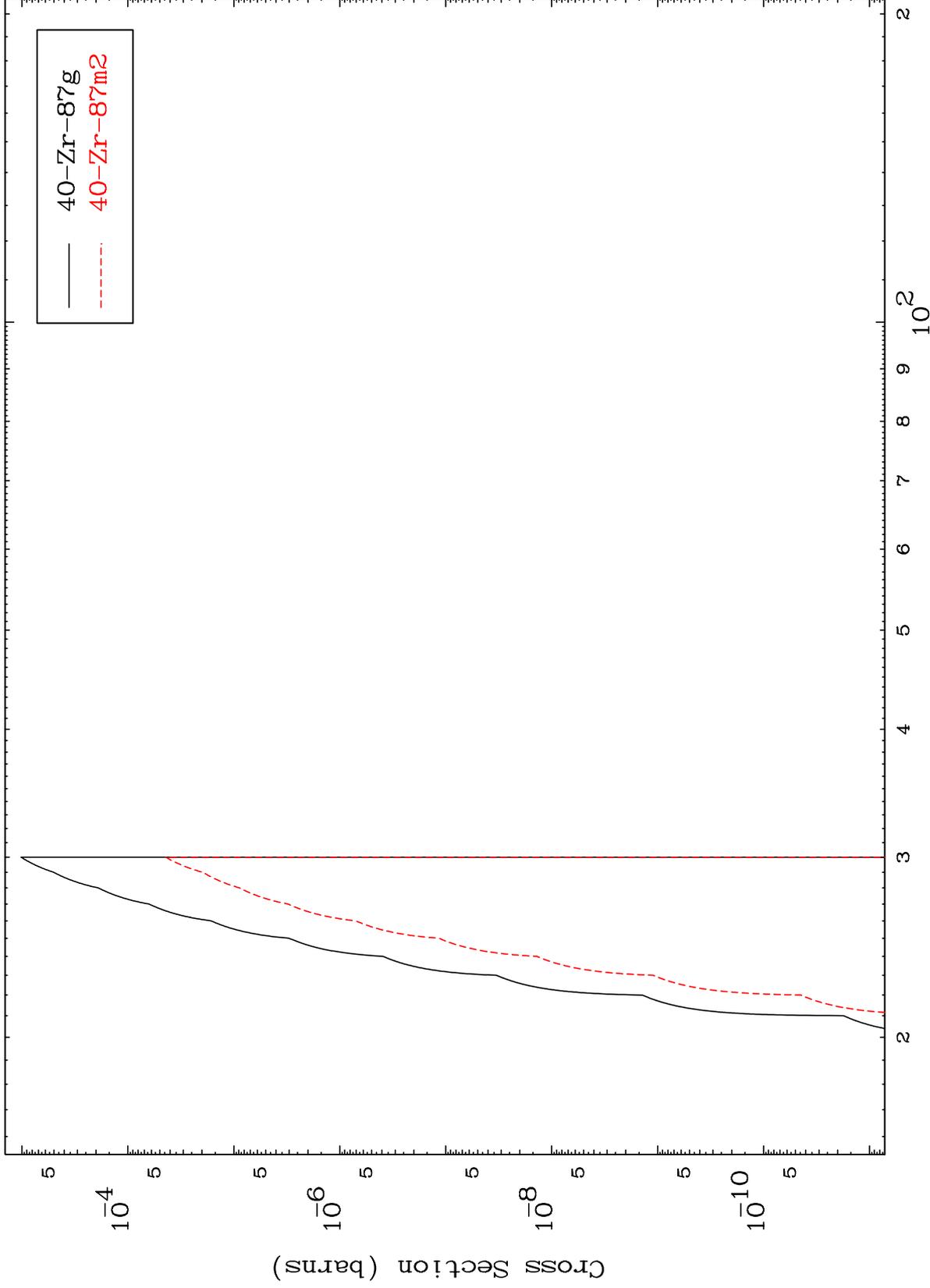


131

Incident Energy (MeV)

42-Mo-90

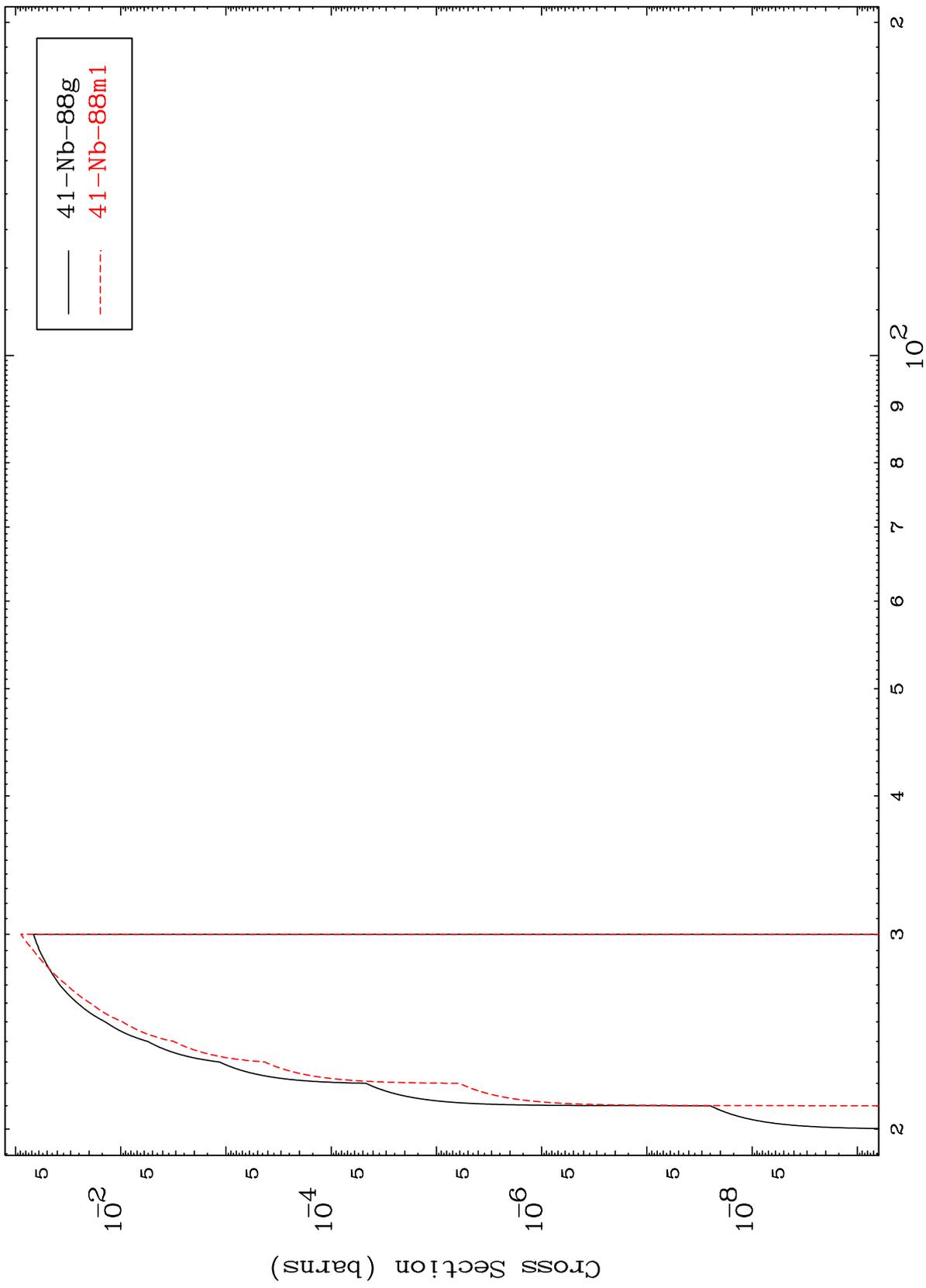
Radionuclide Production Cross Section



MAT 4219

42-Mo-90

(n,2n) p
Radionuclide Production Cross Section



42-Mo-90

Incident Energy (MeV)

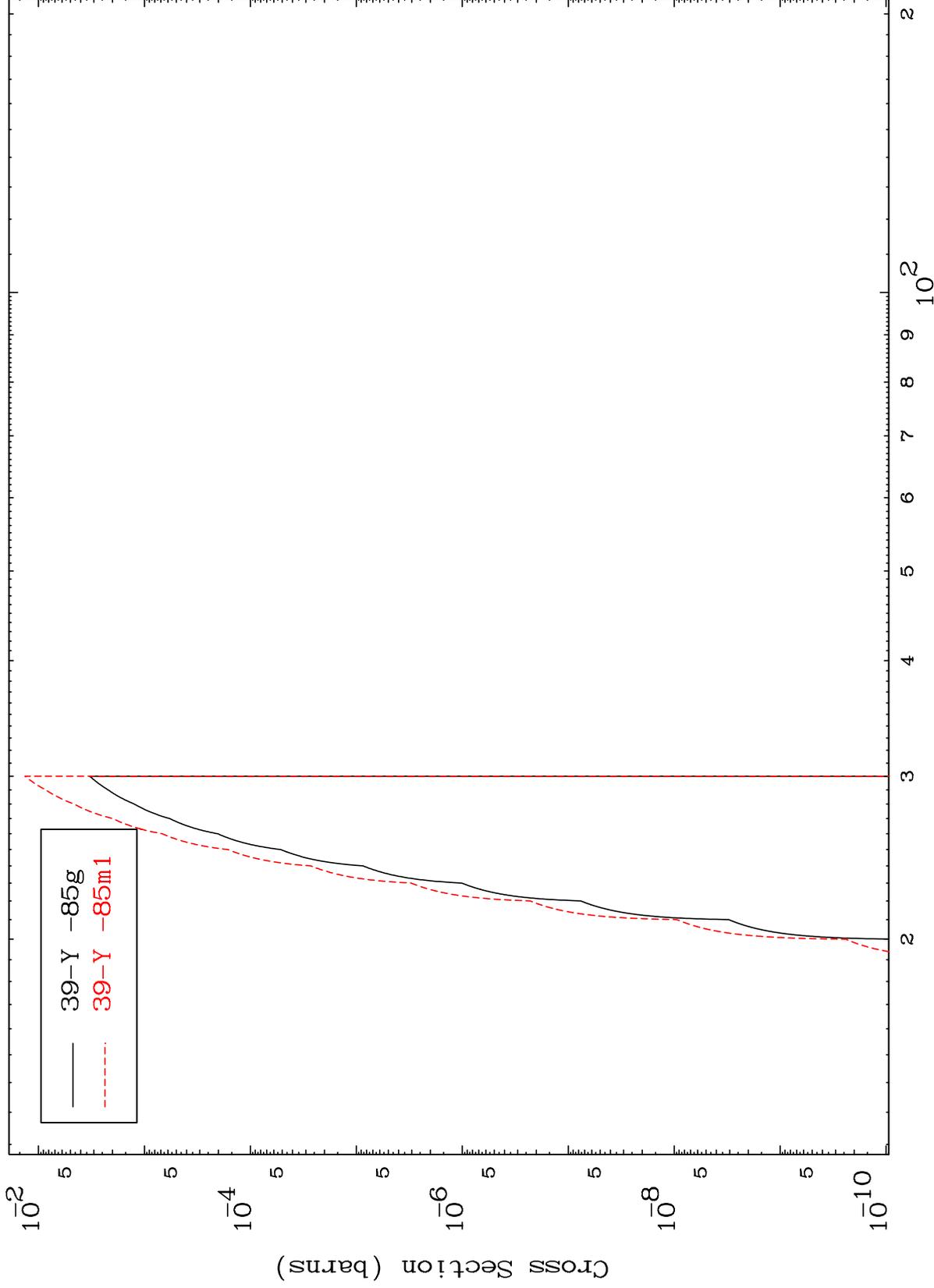
133

MAT 4219

(n,n') p α

42-Mo-90

Radionuclide Production Cross Section



134

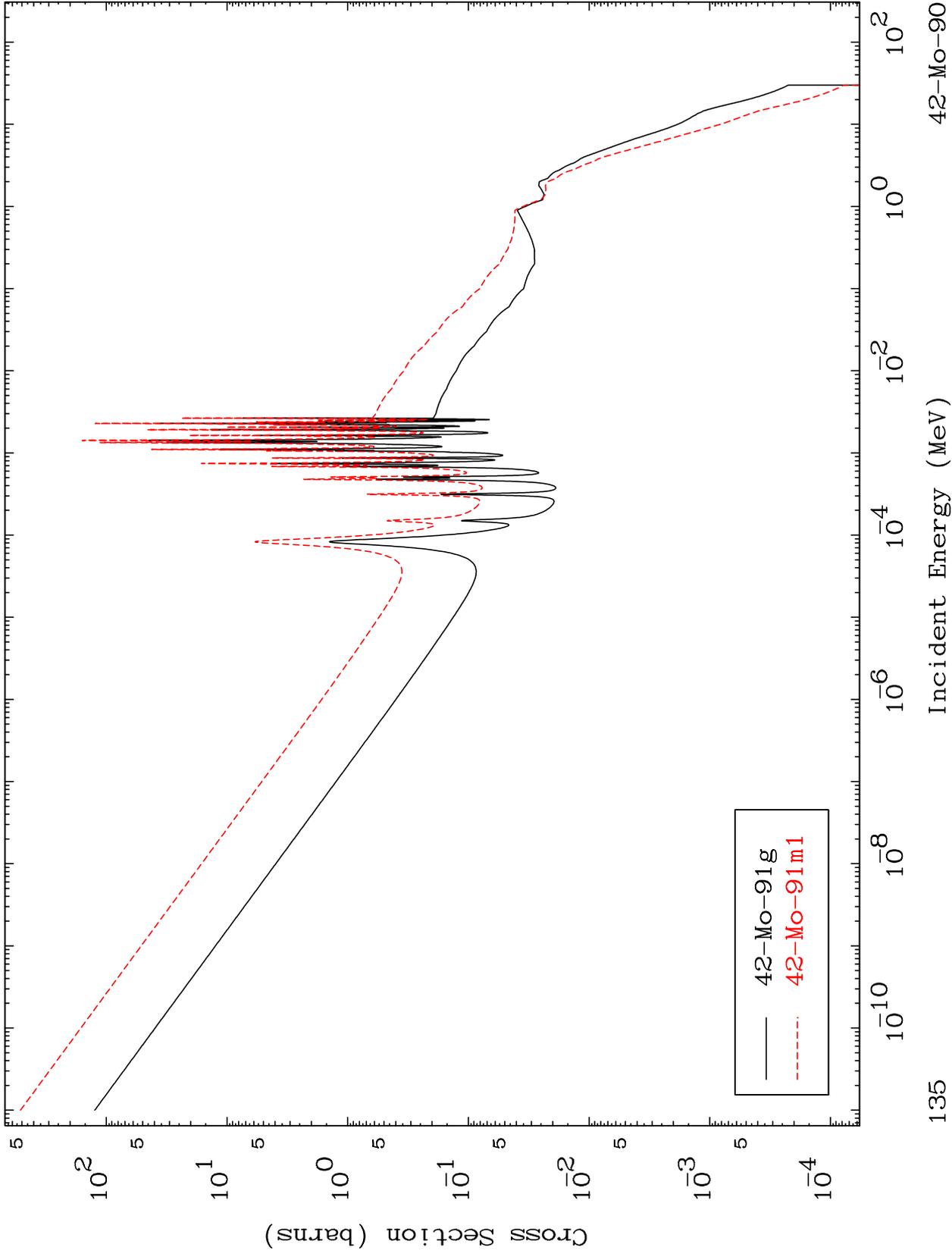
Incident Energy (MeV)

42-Mo-90

MAT 4219

42-Mo-90

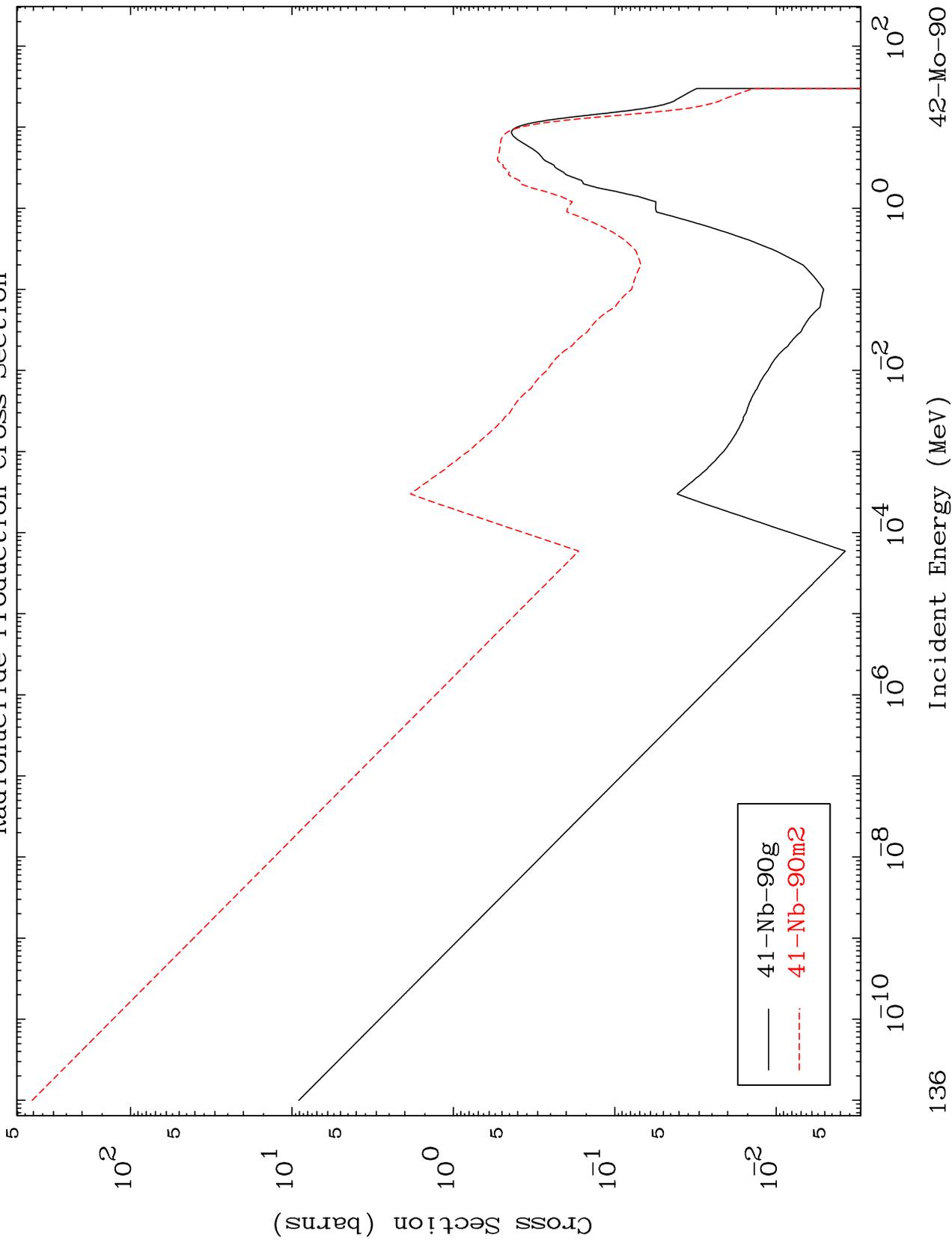
(n, γ)
Radionuclide Production Cross Section



MAT 4219

42-Mo-90

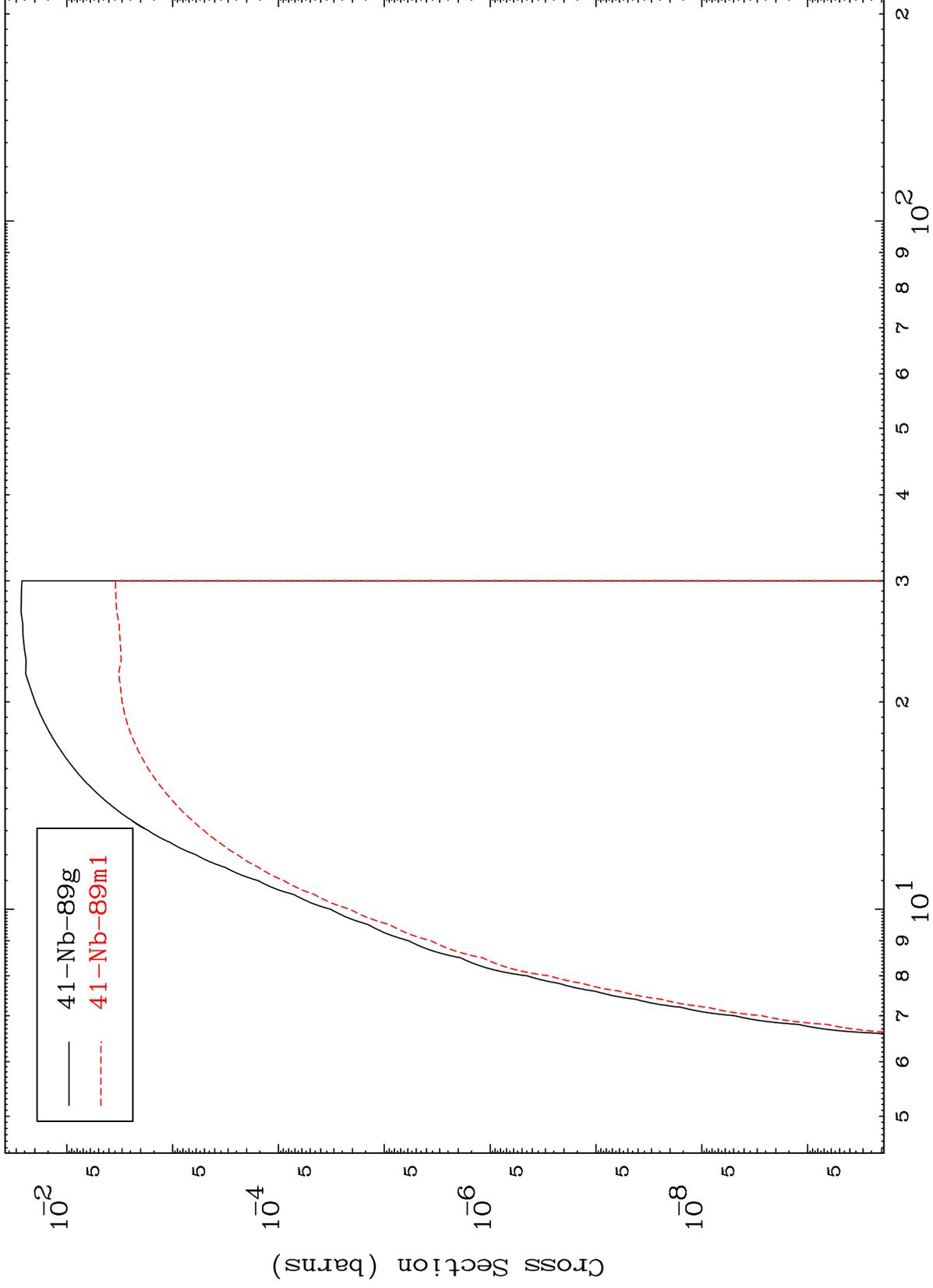
Radionuclide Production Cross Section



MAT 4219

42-Mo-90

(n,d)
Radionuclide Production Cross Section



137

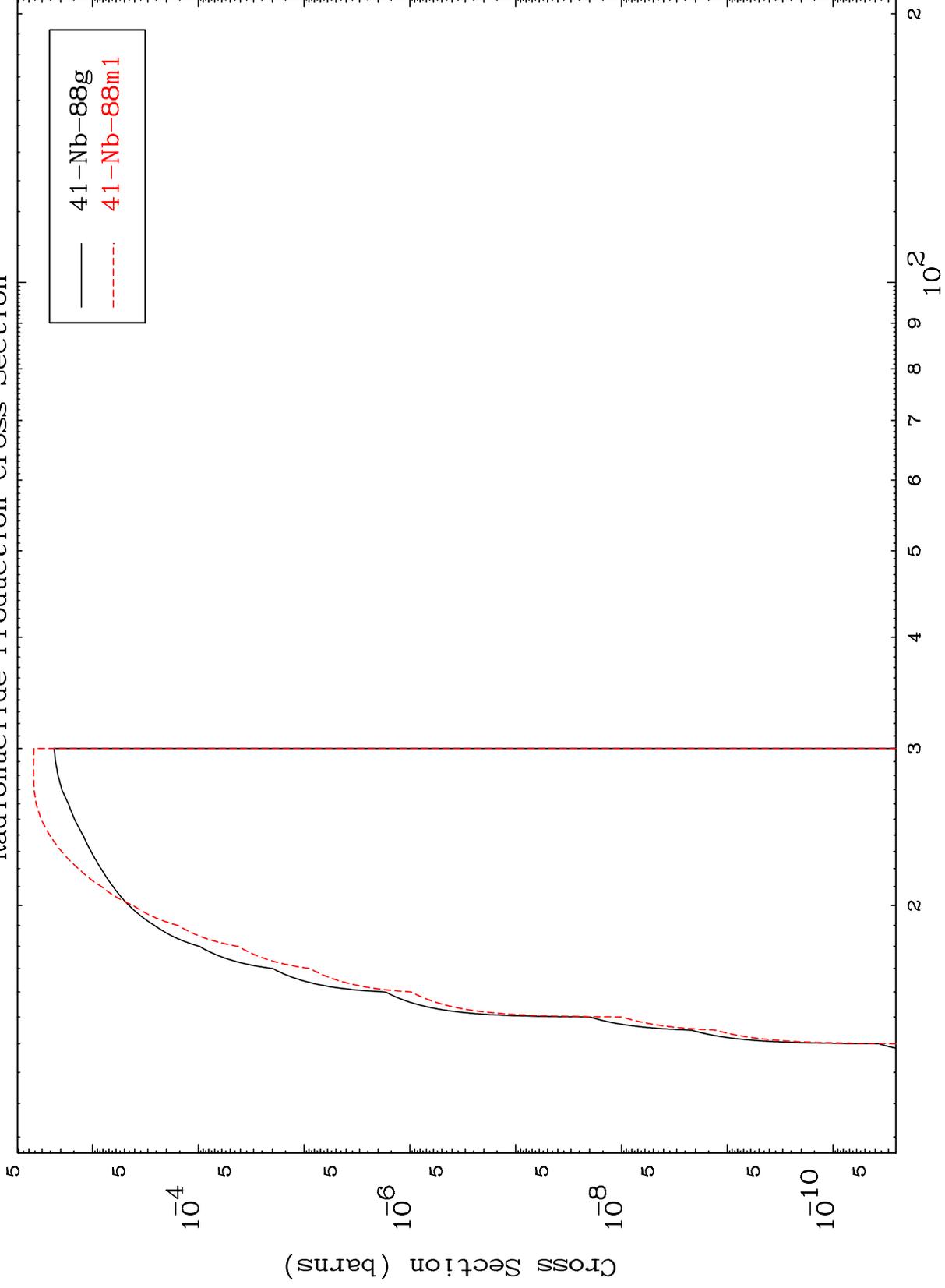
Incident Energy (MeV)

42-Mo-90

MAT 4219

42-Mo-90

(n, t)
Radionuclide Production Cross Section



138

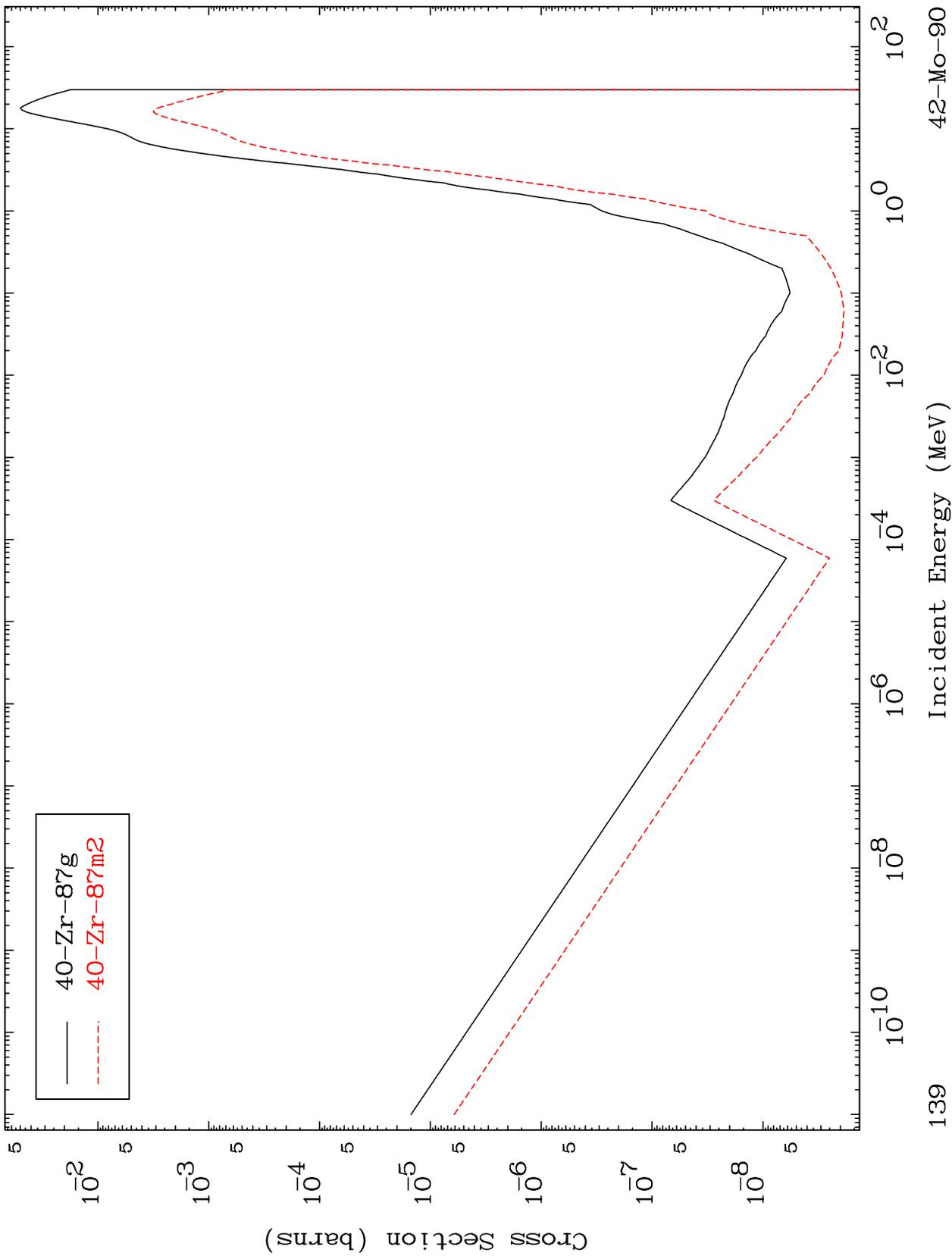
Incident Energy (MeV)

42-Mo-90

MAT 4219

42-Mo-90

Radionuclide Production Cross Section
(n, α)

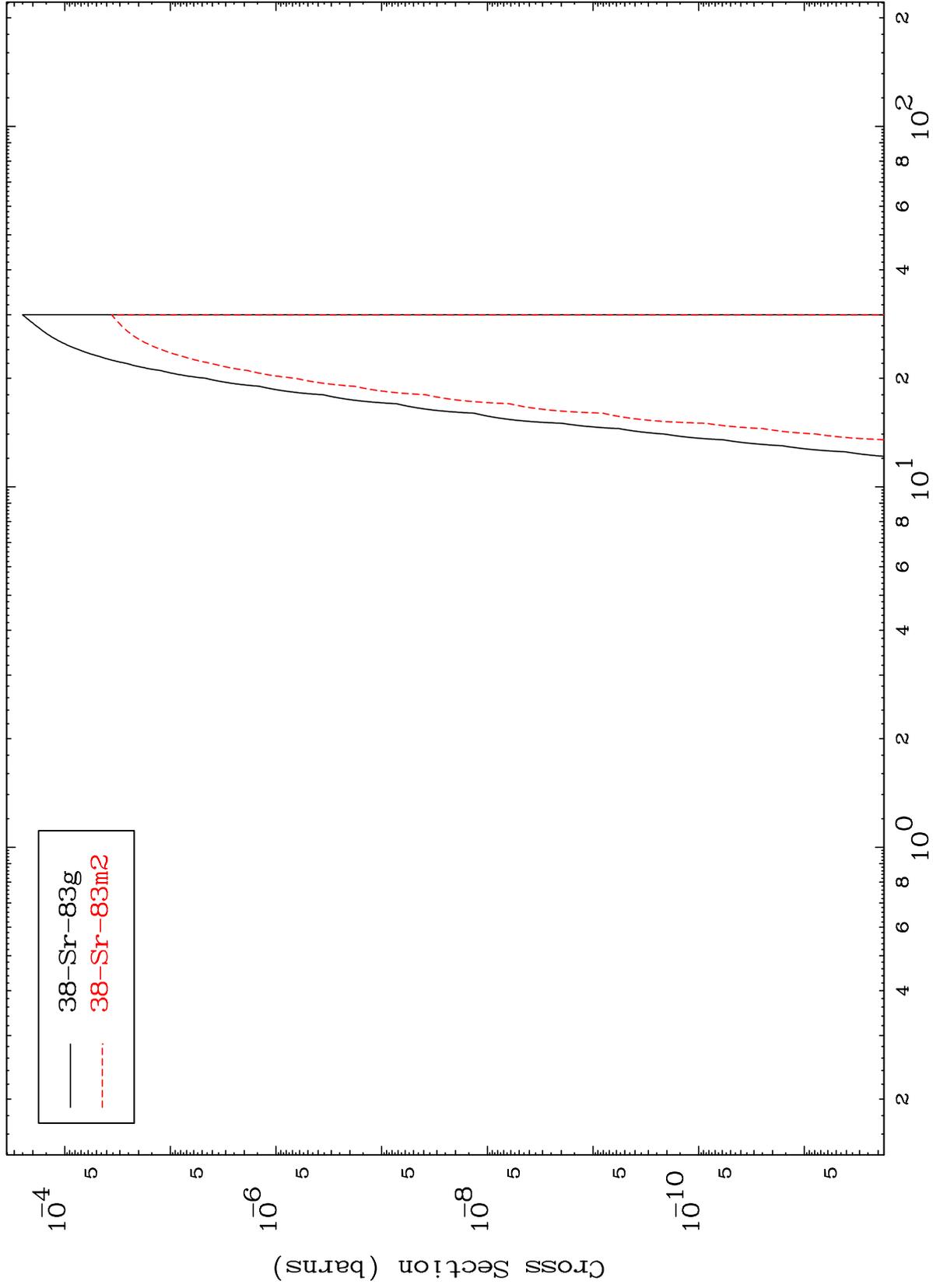


MAT 4219

(n,2α)

42-Mo-90

Radionuclide Production Cross Section



140

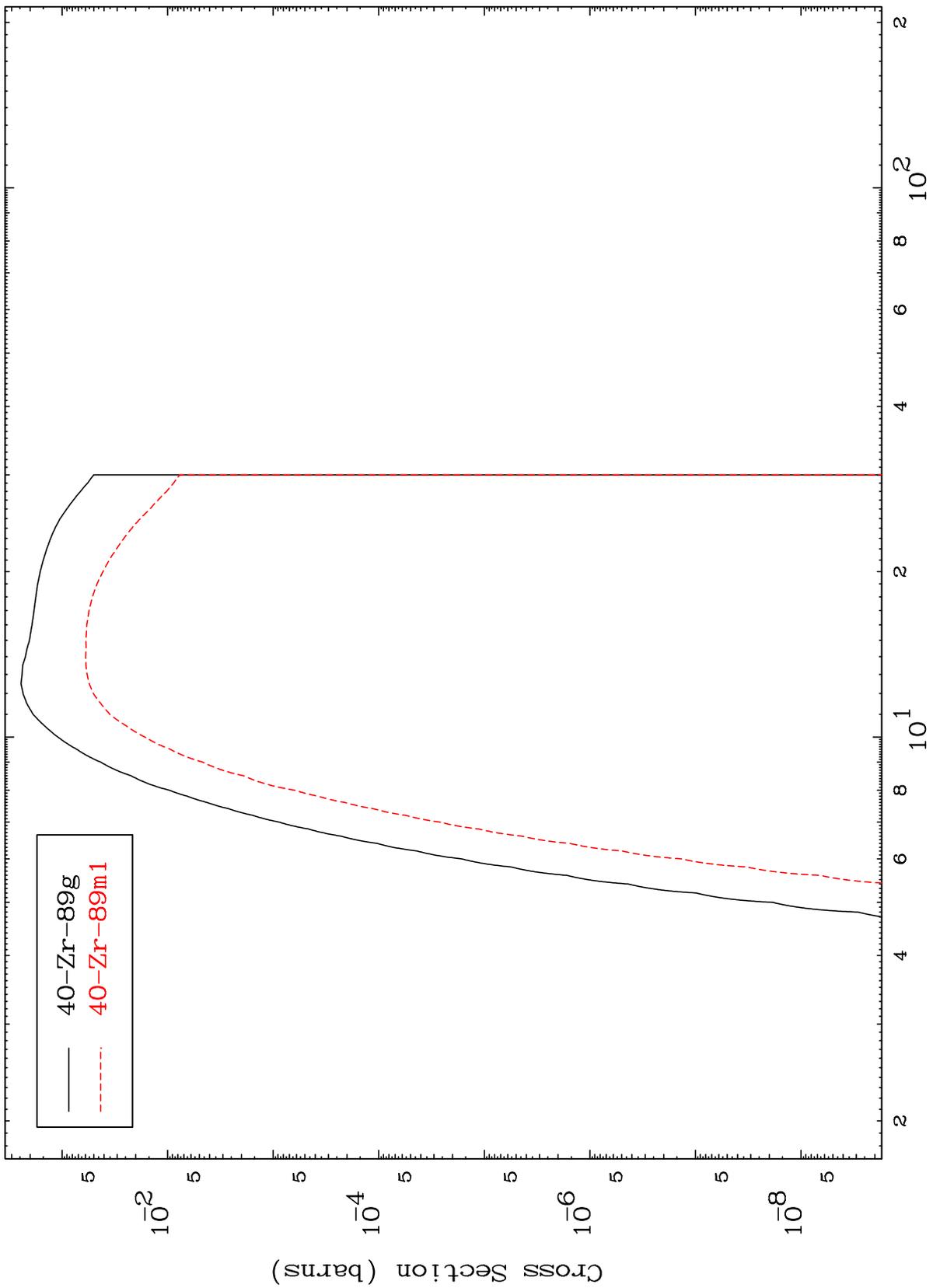
Incident Energy (MeV)

42-Mo-90

MAT 4219

42-Mo-90

Radionuclide Production Cross Section
(n,2p)



141

Incident Energy (MeV)

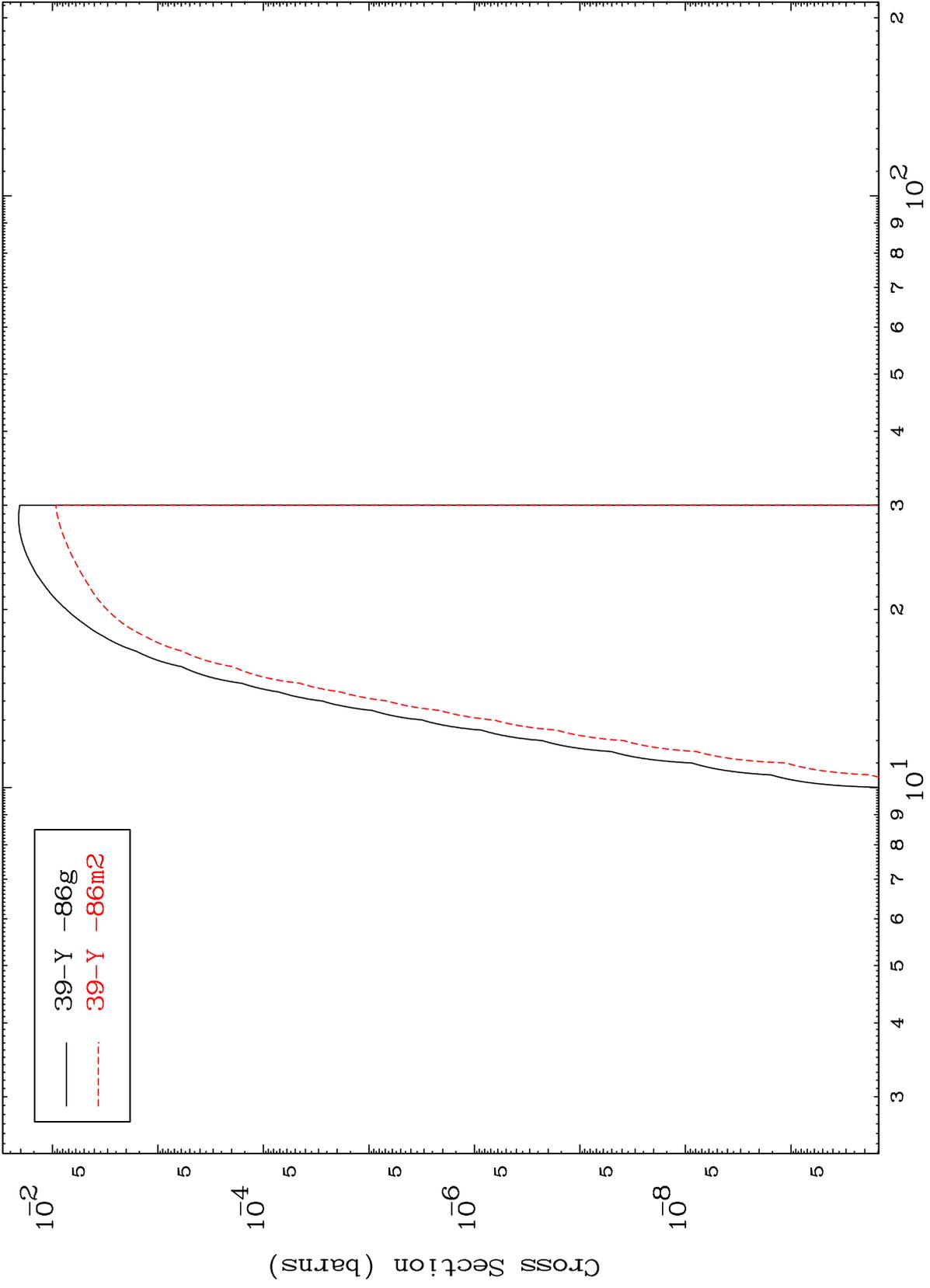
42-Mo-90

MAT 4219

(n,p) α

42-Mo-90

Radionuclide Production Cross Section



142

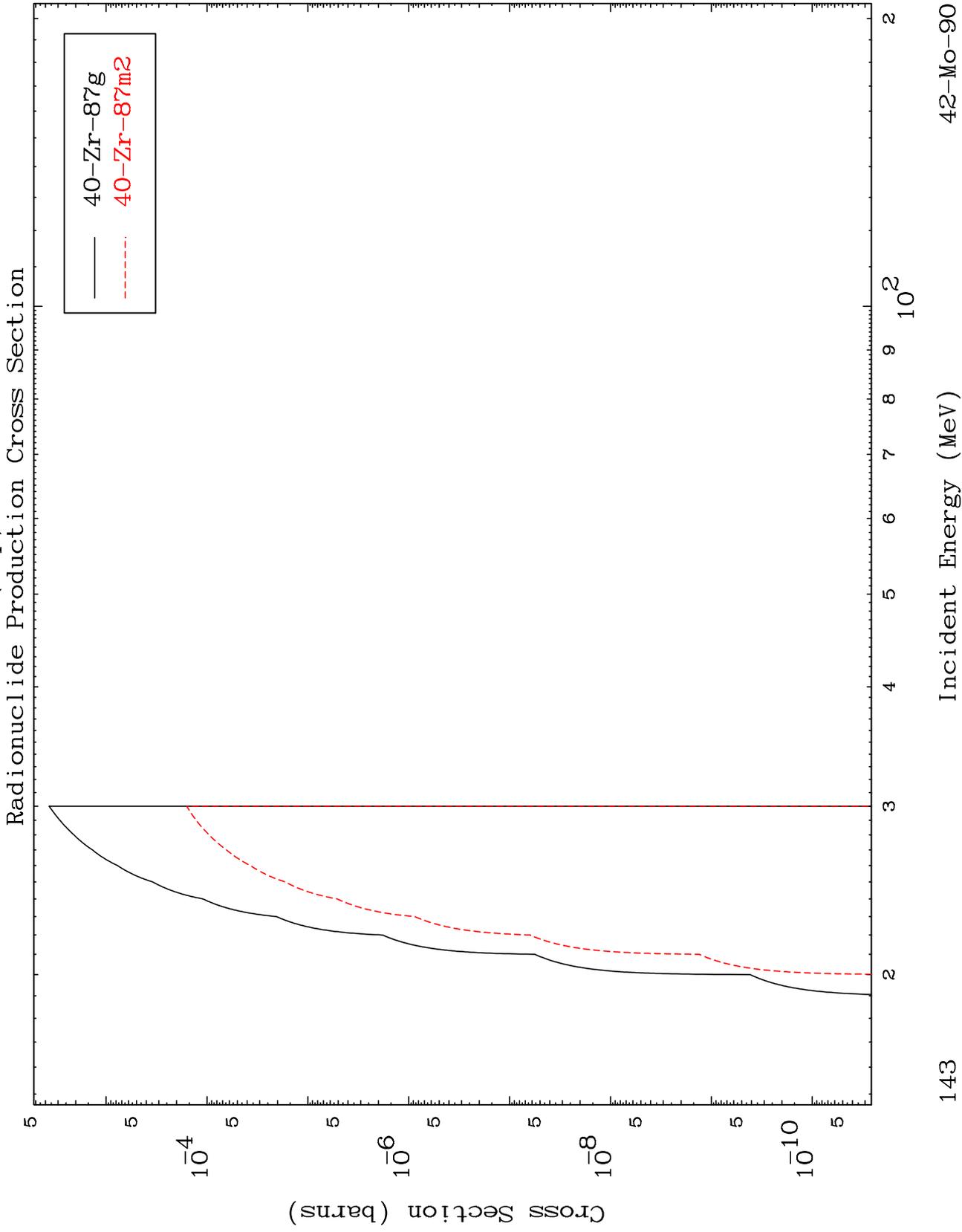
Incident Energy (MeV)

42-Mo-90

MAT 4219

(n,p) t

42-Mo-90



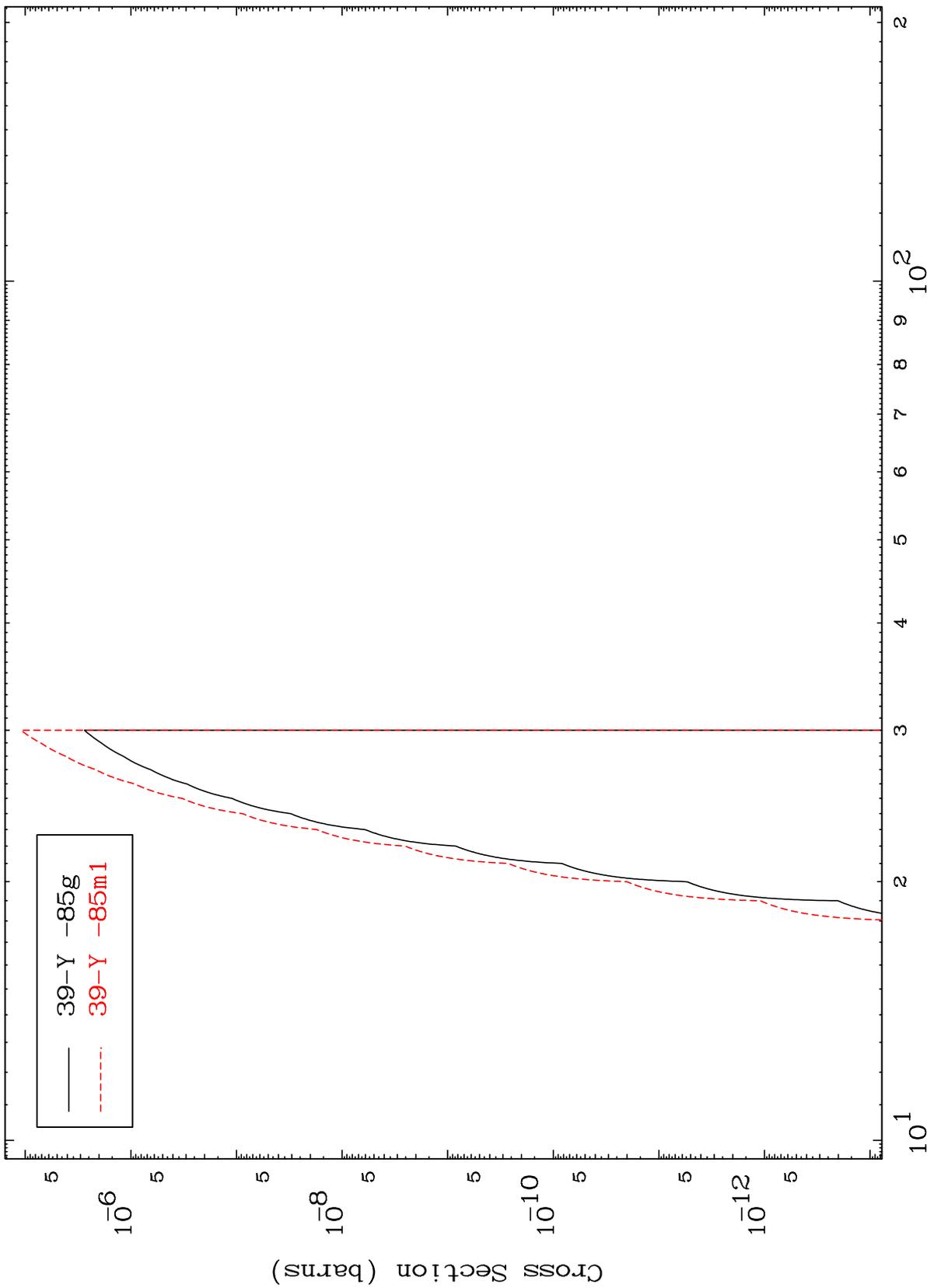
143

MAT 4219

(n,d) α

42-Mo-90

Radionuclide Production Cross Section



144

Incident Energy (MeV)

42-Mo-90