

Program EVALPLOT
(Version 2017-1)

by

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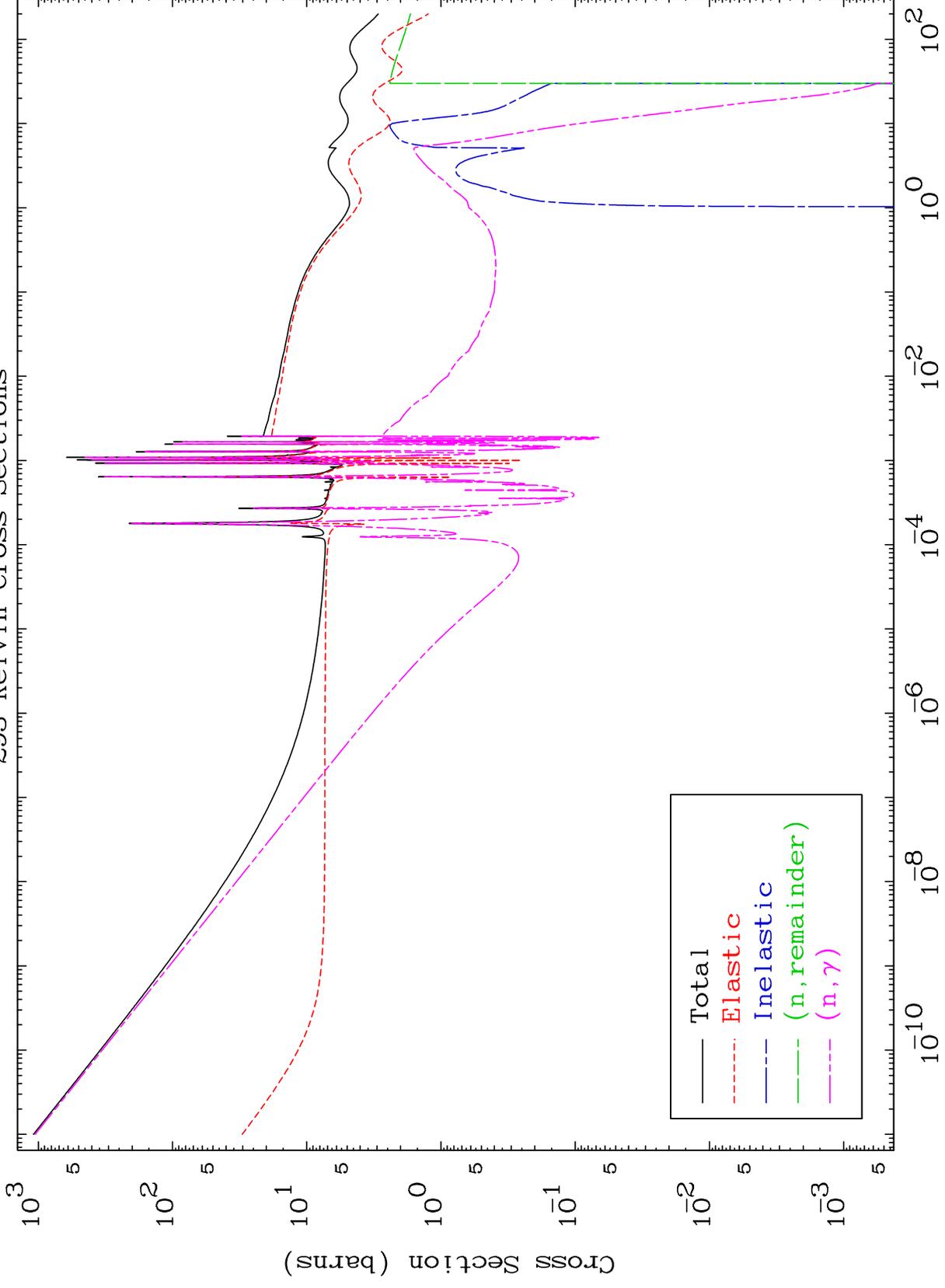
Press Mouse Button to Start

MAT 8213

Major

293 Kelvin Cross Sections

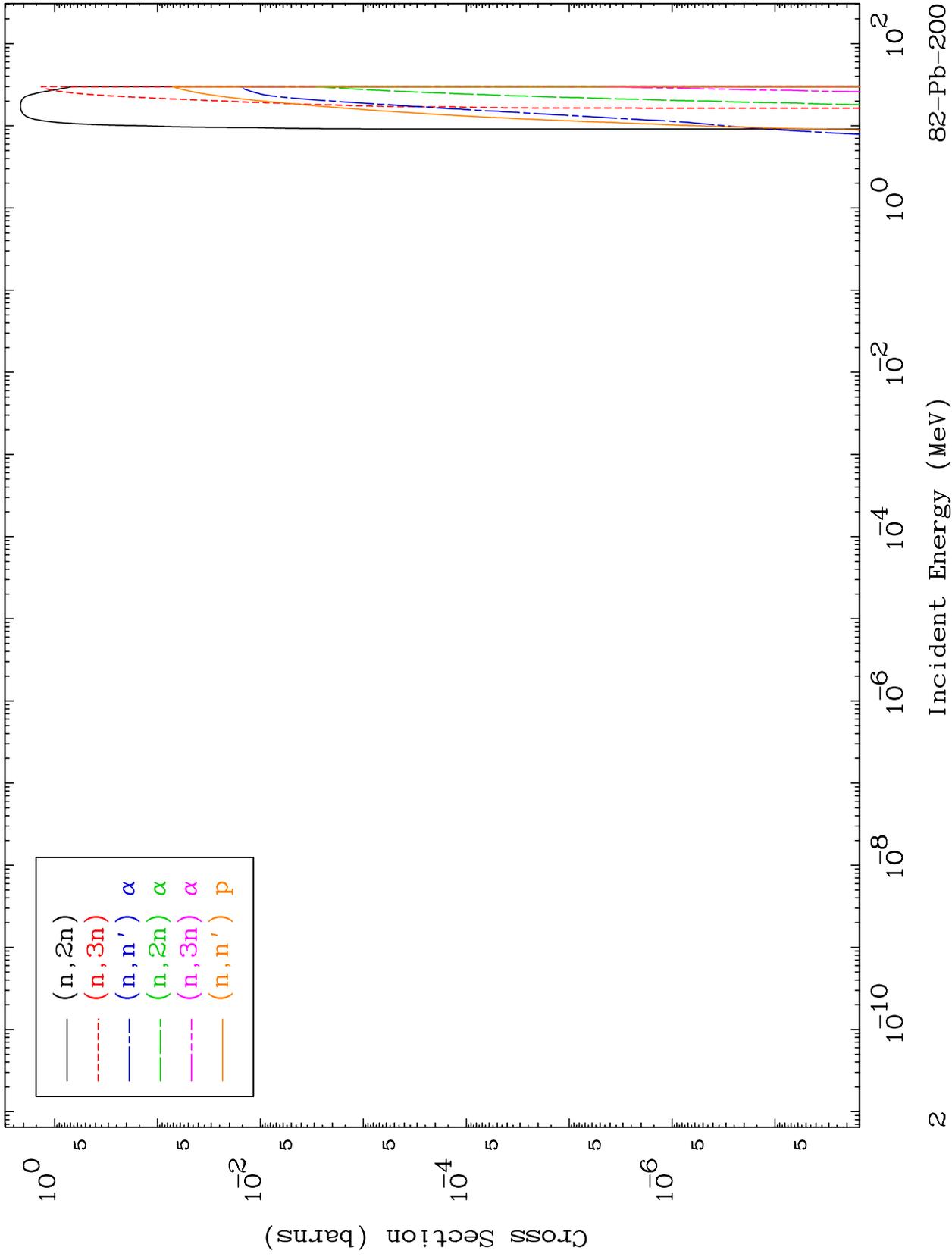
82-Pb-200

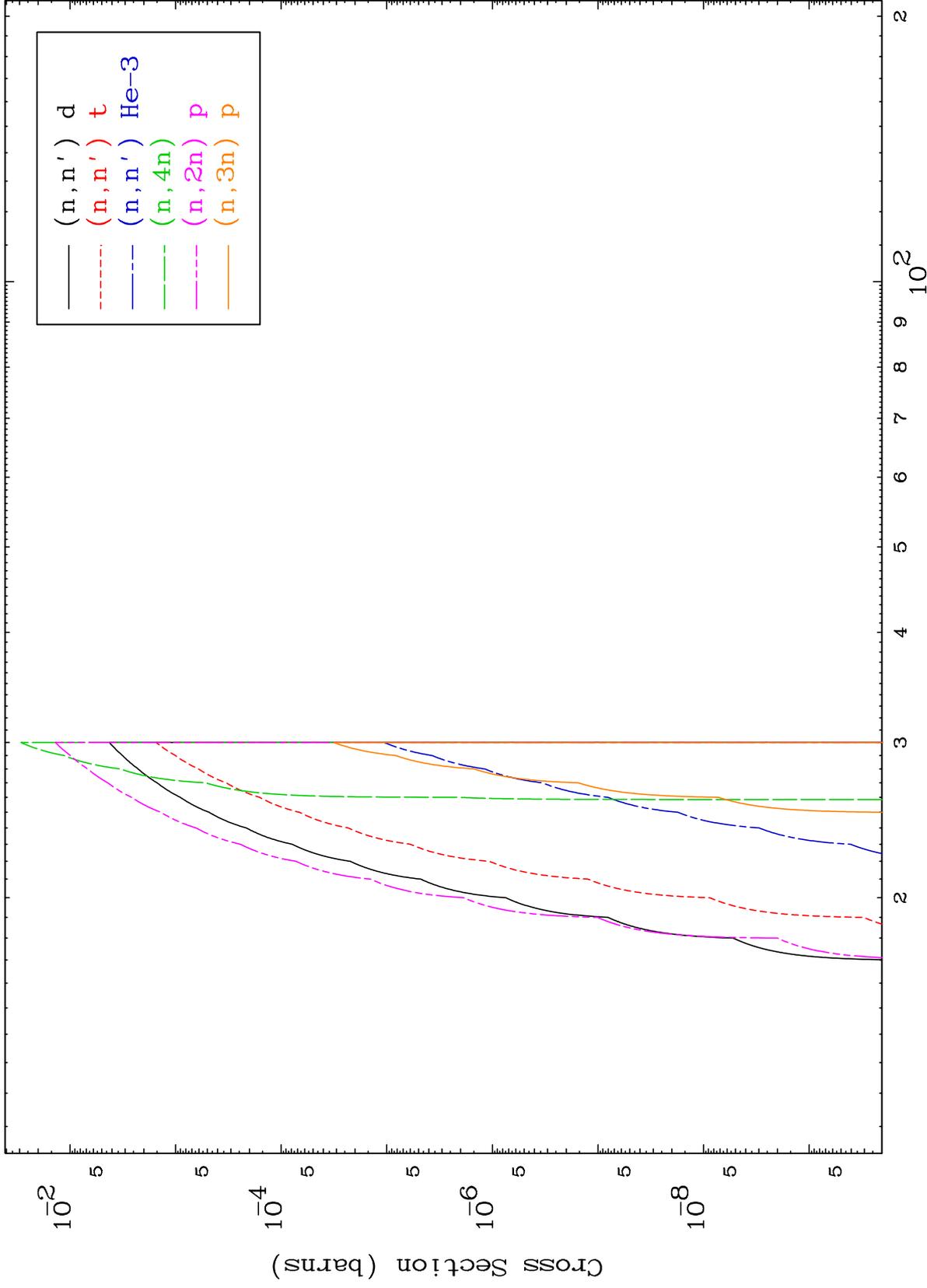


MAT 8213

Neutron Production
293 Kelvin Cross Sections

82-Pb-200

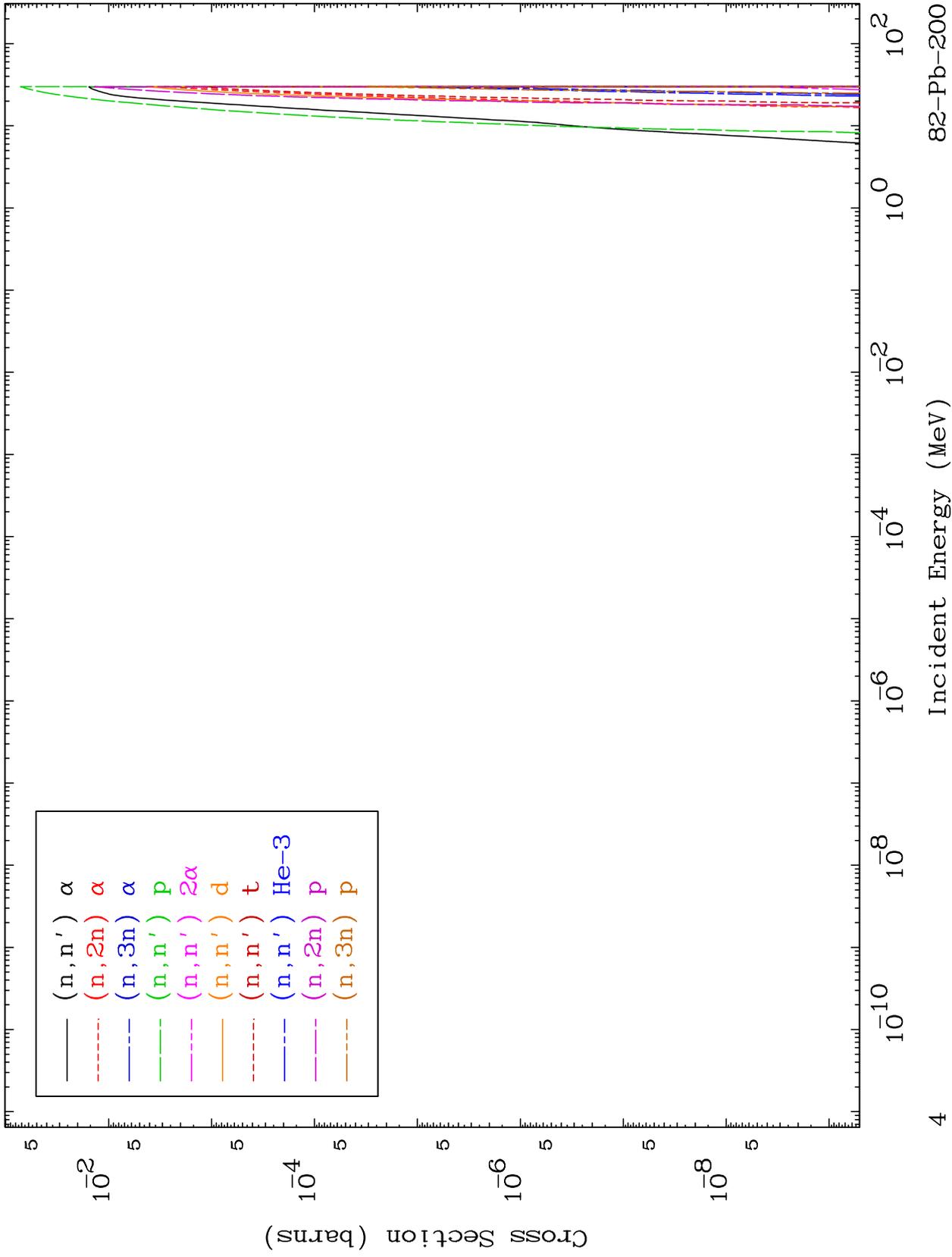




MAT 8213

Charged Particle
293 Kelvin Cross Sections

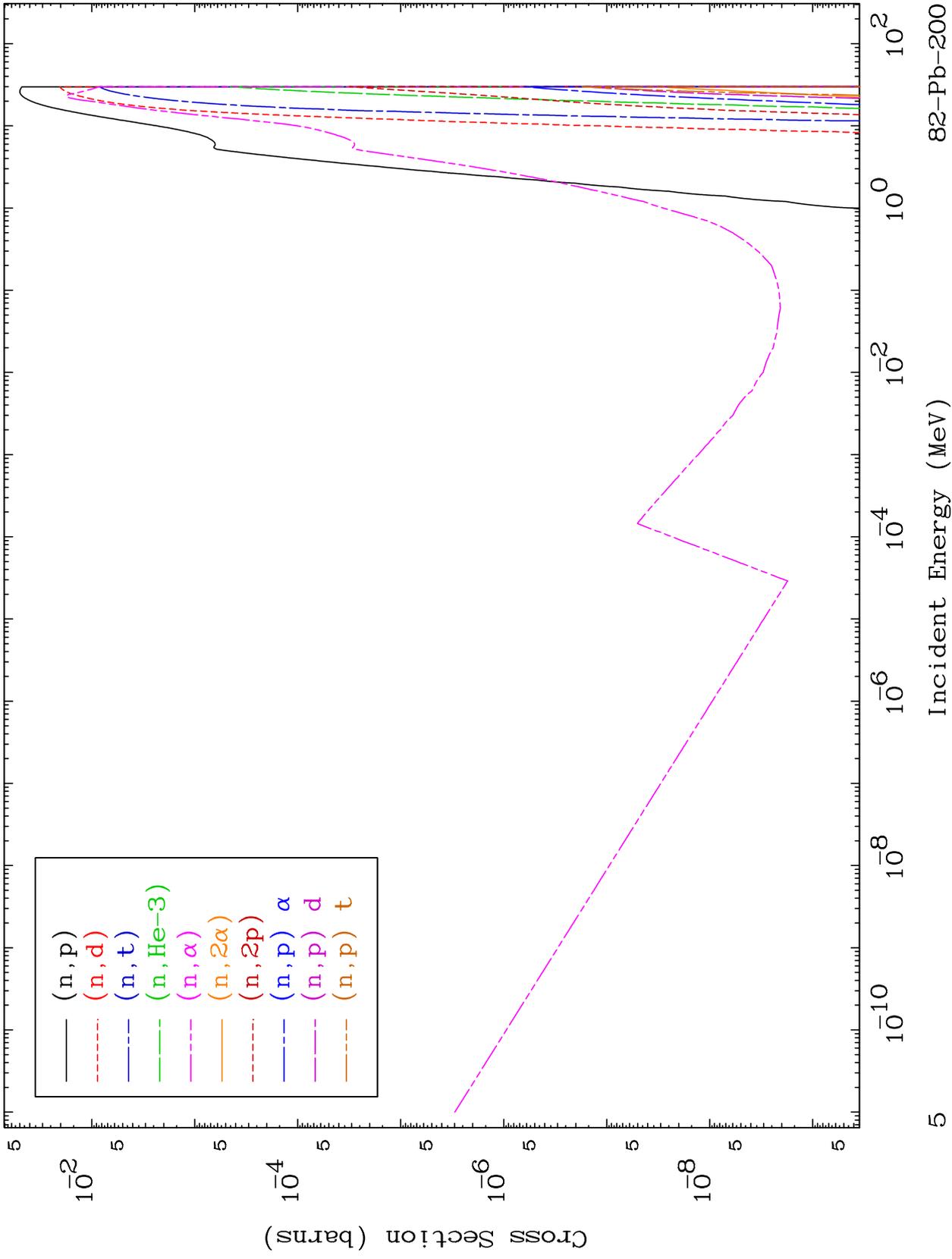
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MAT 8213

Charged Particle
293 Kelvin Cross Sections

82-Pb-200

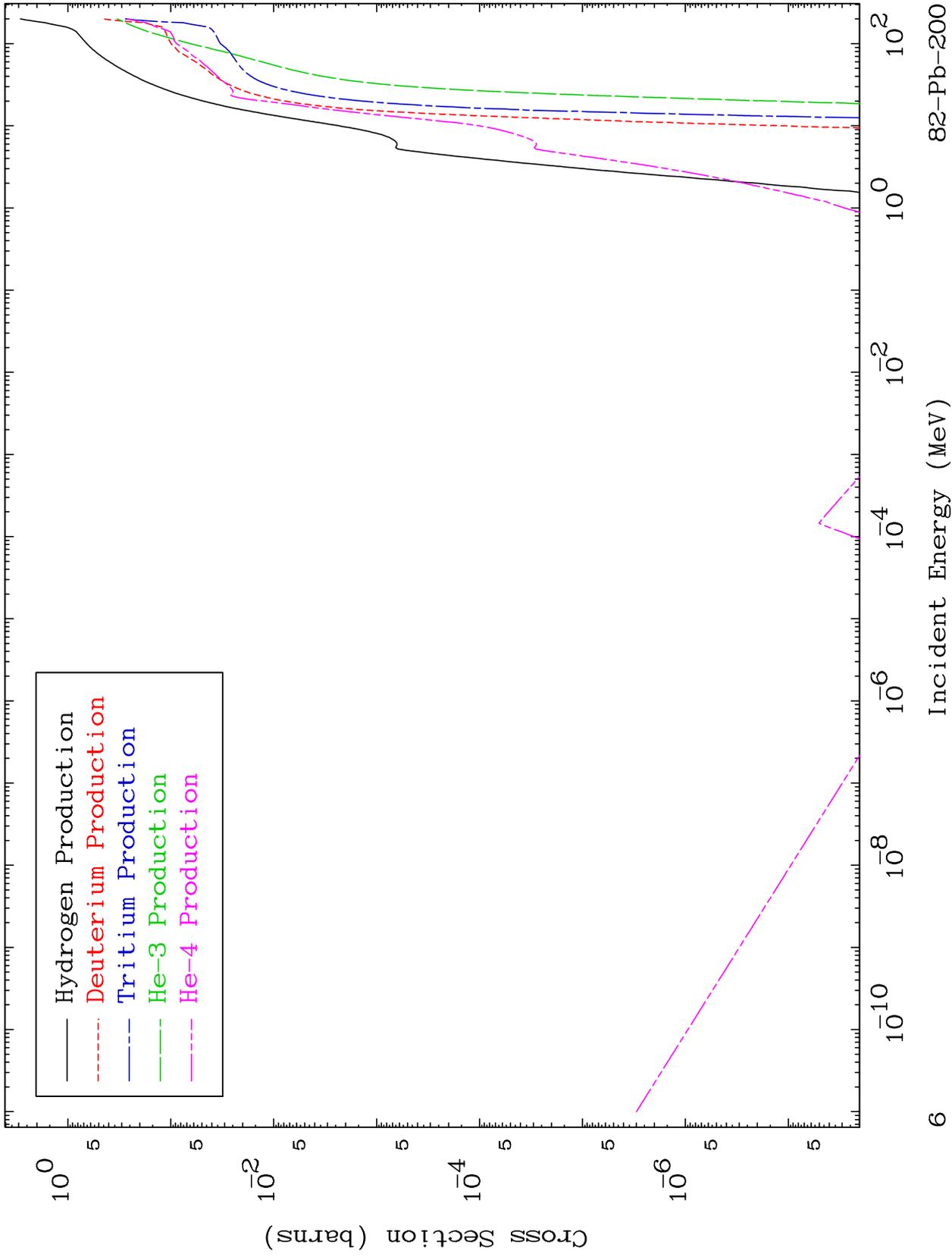


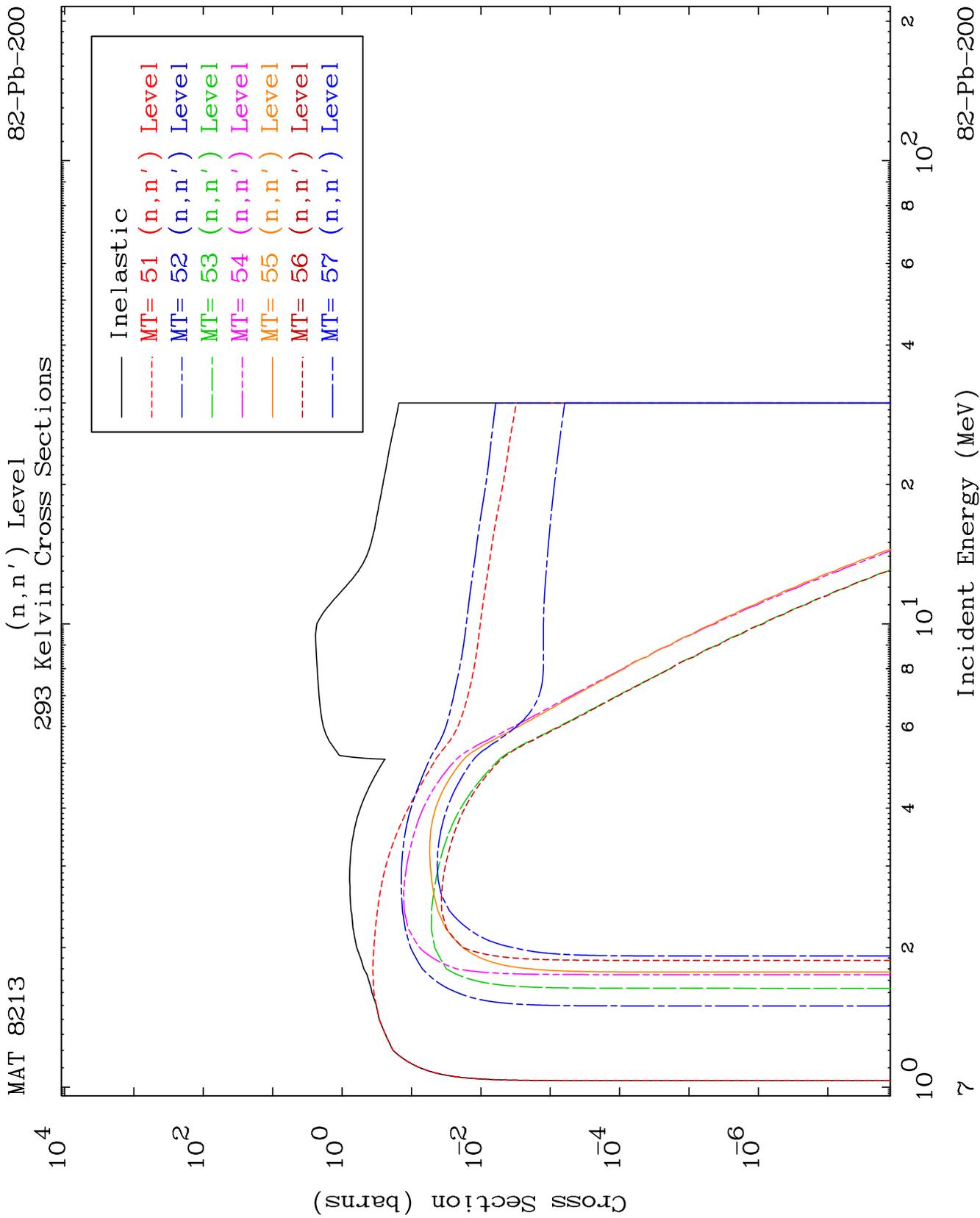
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MAT 8213

Particle Production
293 Kelvin Cross Sections

82-Pb-200





82-Pb-200

Incident Energy (MeV)

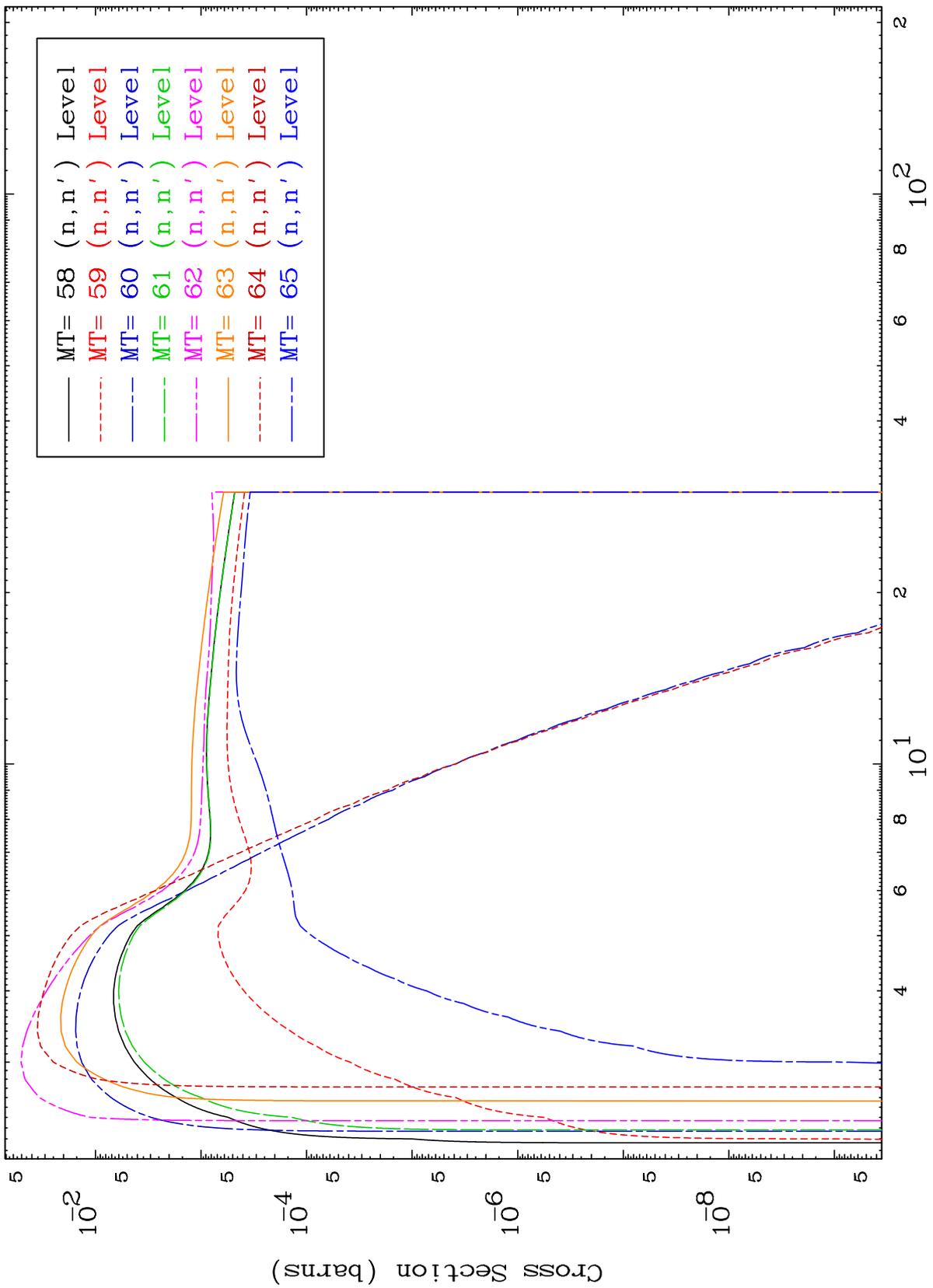
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MAT 8213

(n,n') Level

82-Pb-200

293 Kelvin Cross Sections



8

Incident Energy (MeV)

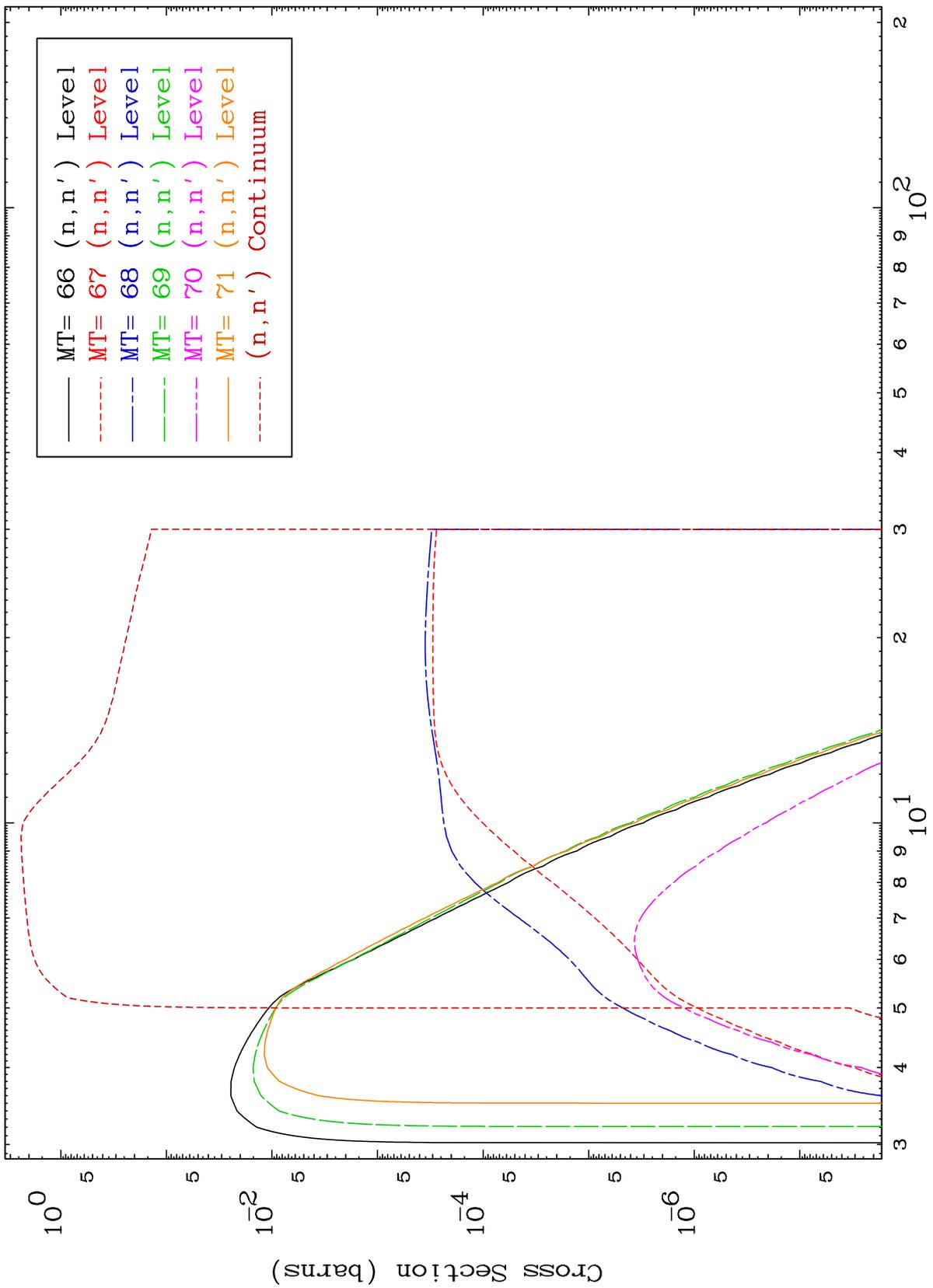
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MAT 8213

(n,n') Level

82-Pb-200

293 Kelvin Cross Sections



9

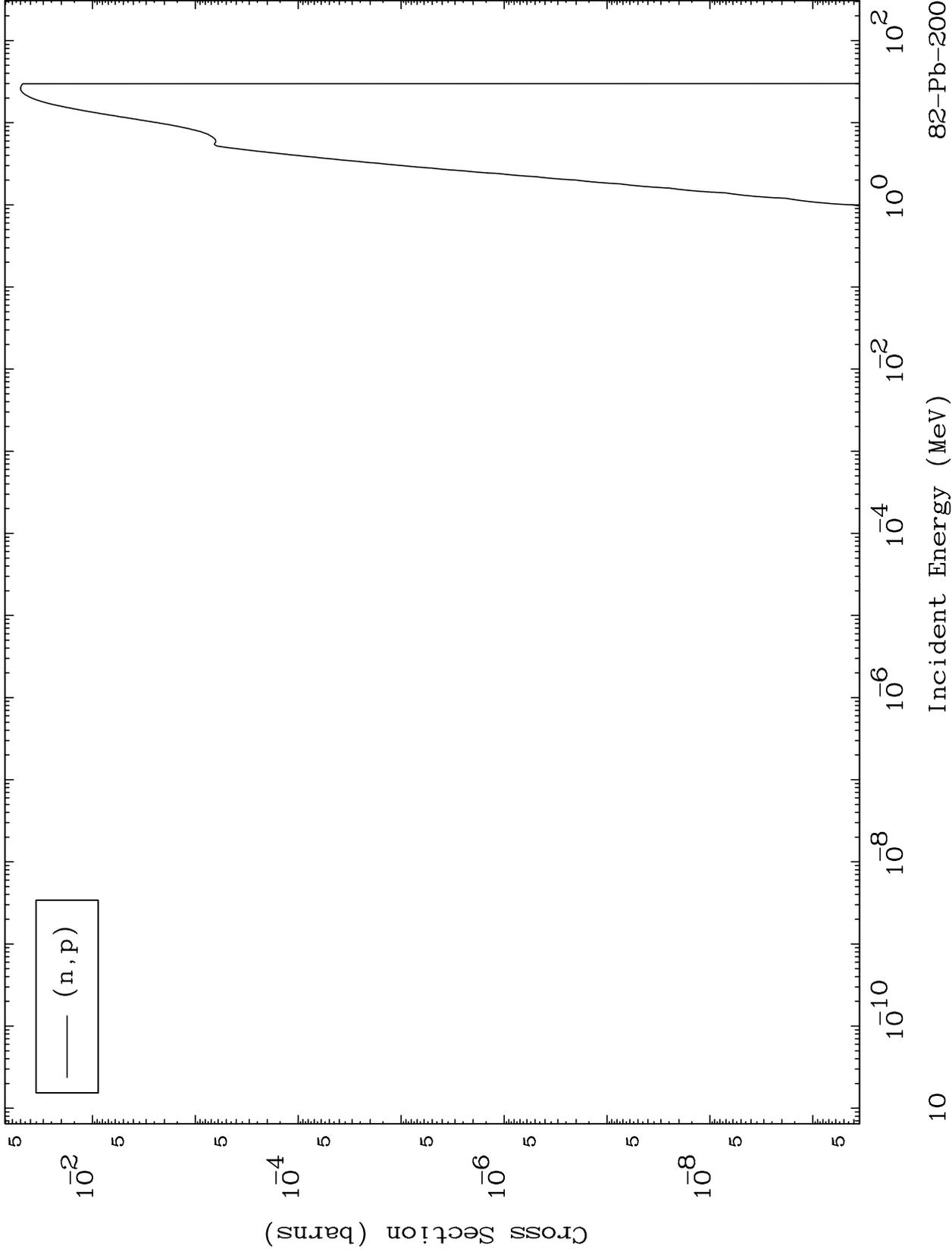
Incident Energy (MeV)

82-Pb-200

MAT 8213

(n,p) Levels
293 Kelvin Cross Sections

82-Pb-200



10

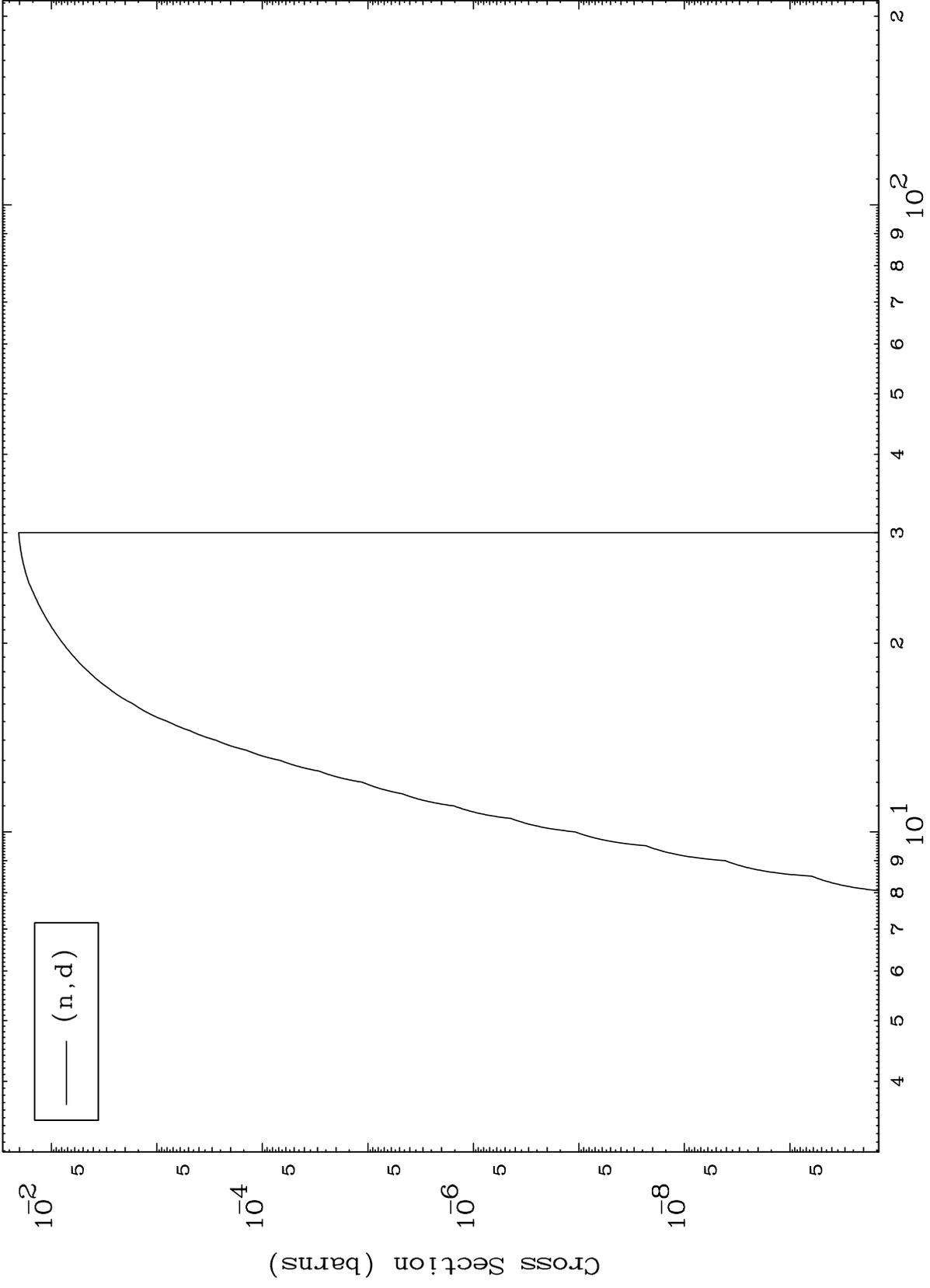
Incident Energy (MeV)

82-Pb-200

MAT 8213

(n,d) Levels
293 Kelvin Cross Sections

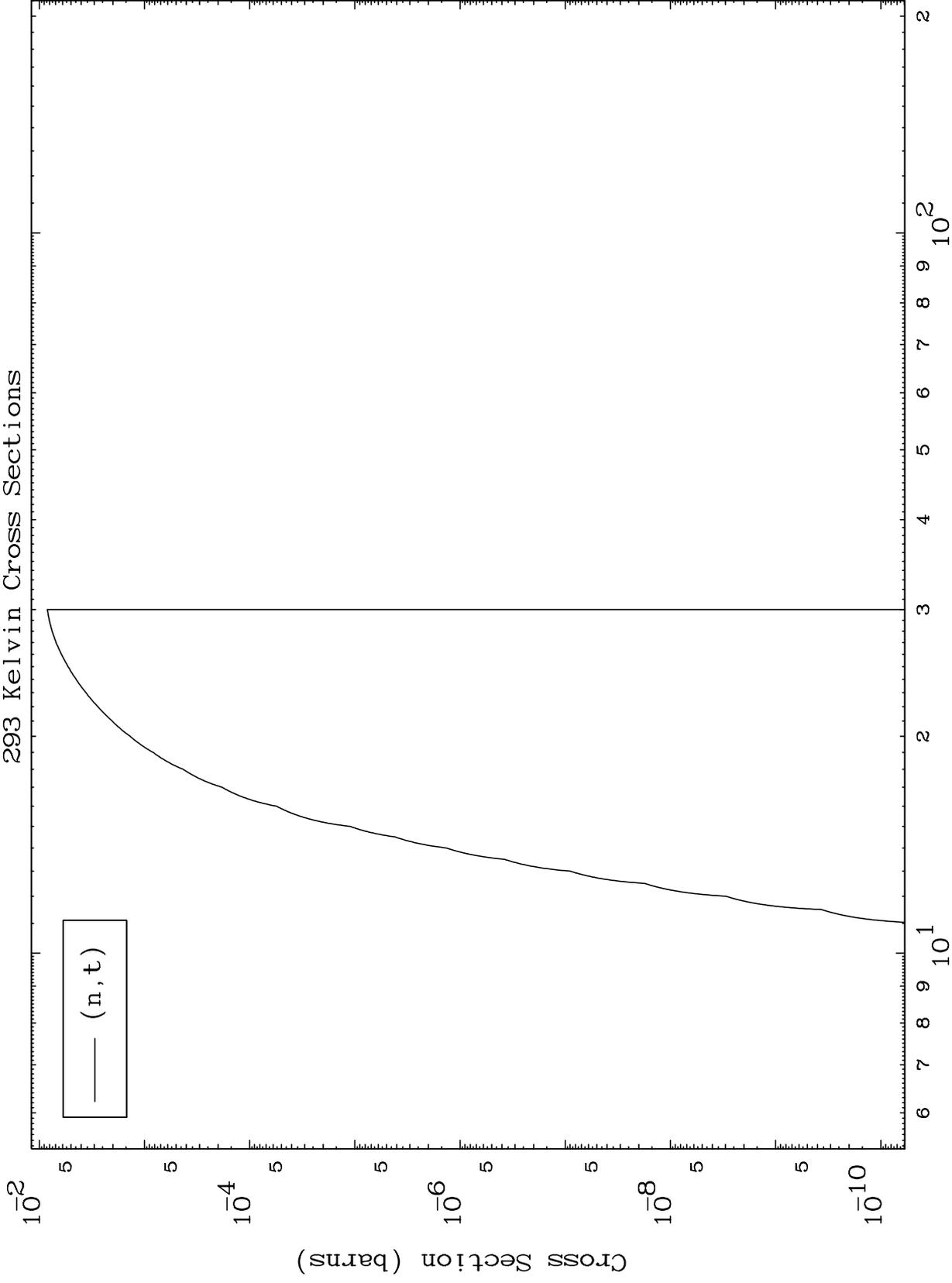
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MAT 8213

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-200



12

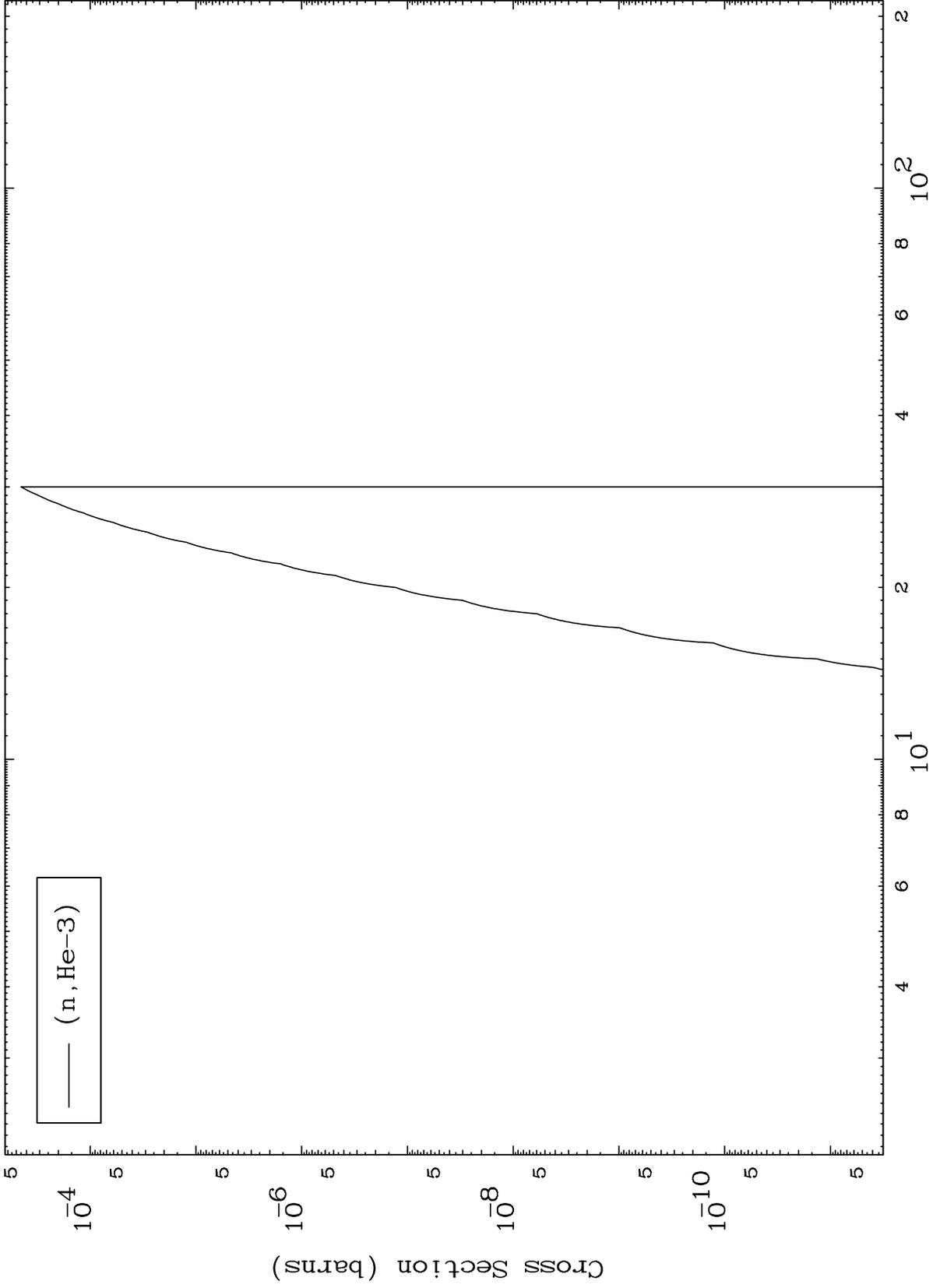
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MAT 8213

(n,He3) Levels
293 Kelvin Cross Sections

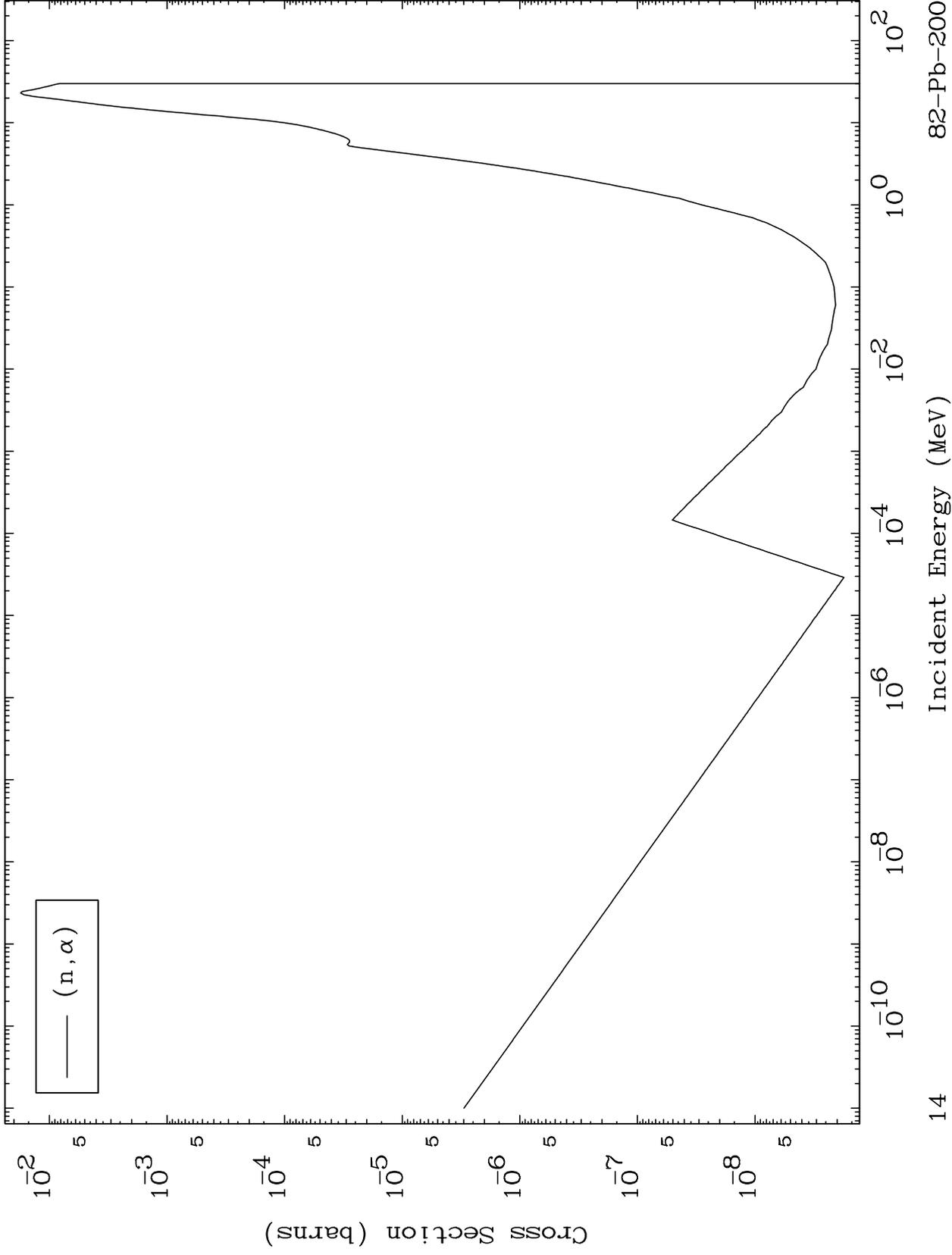
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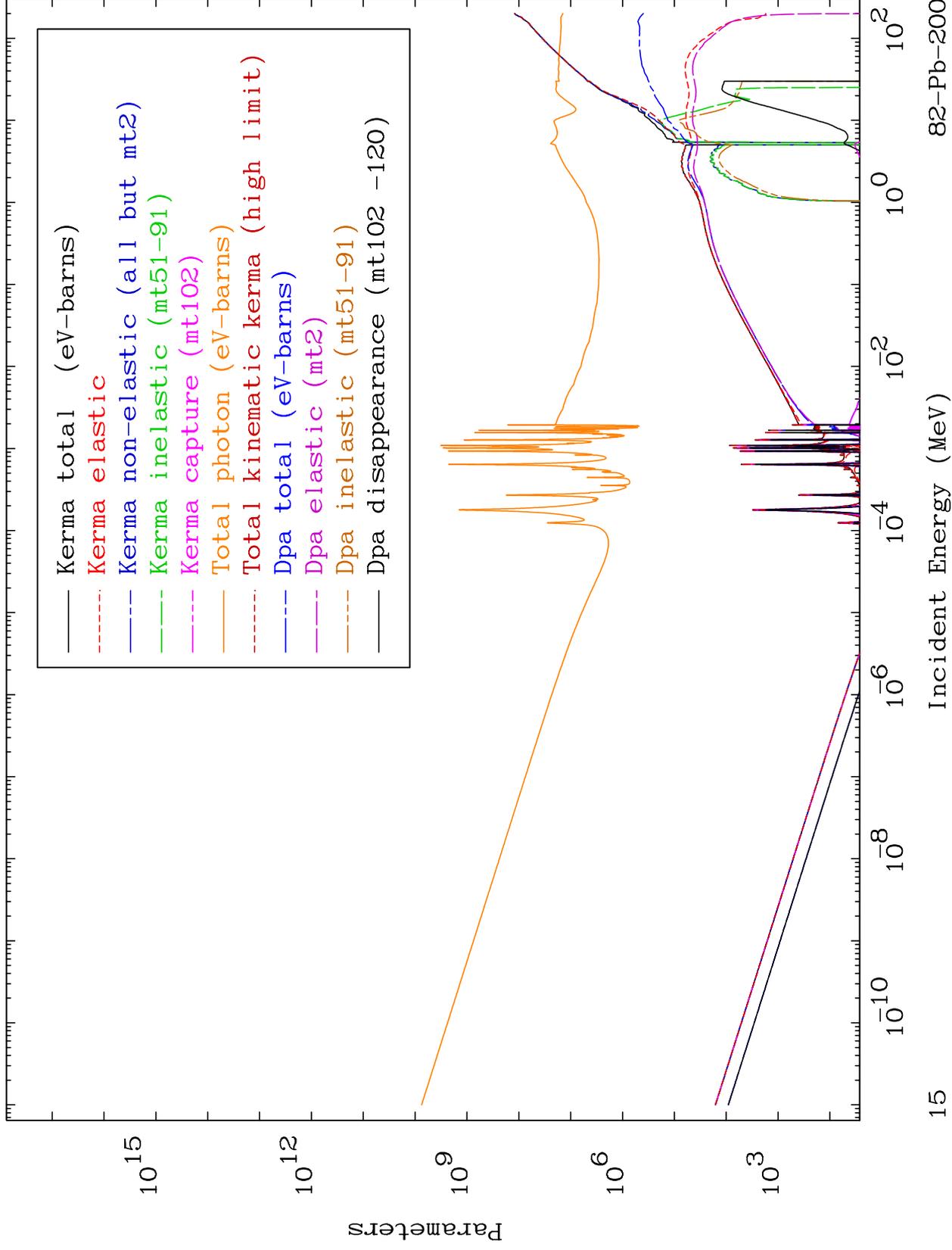


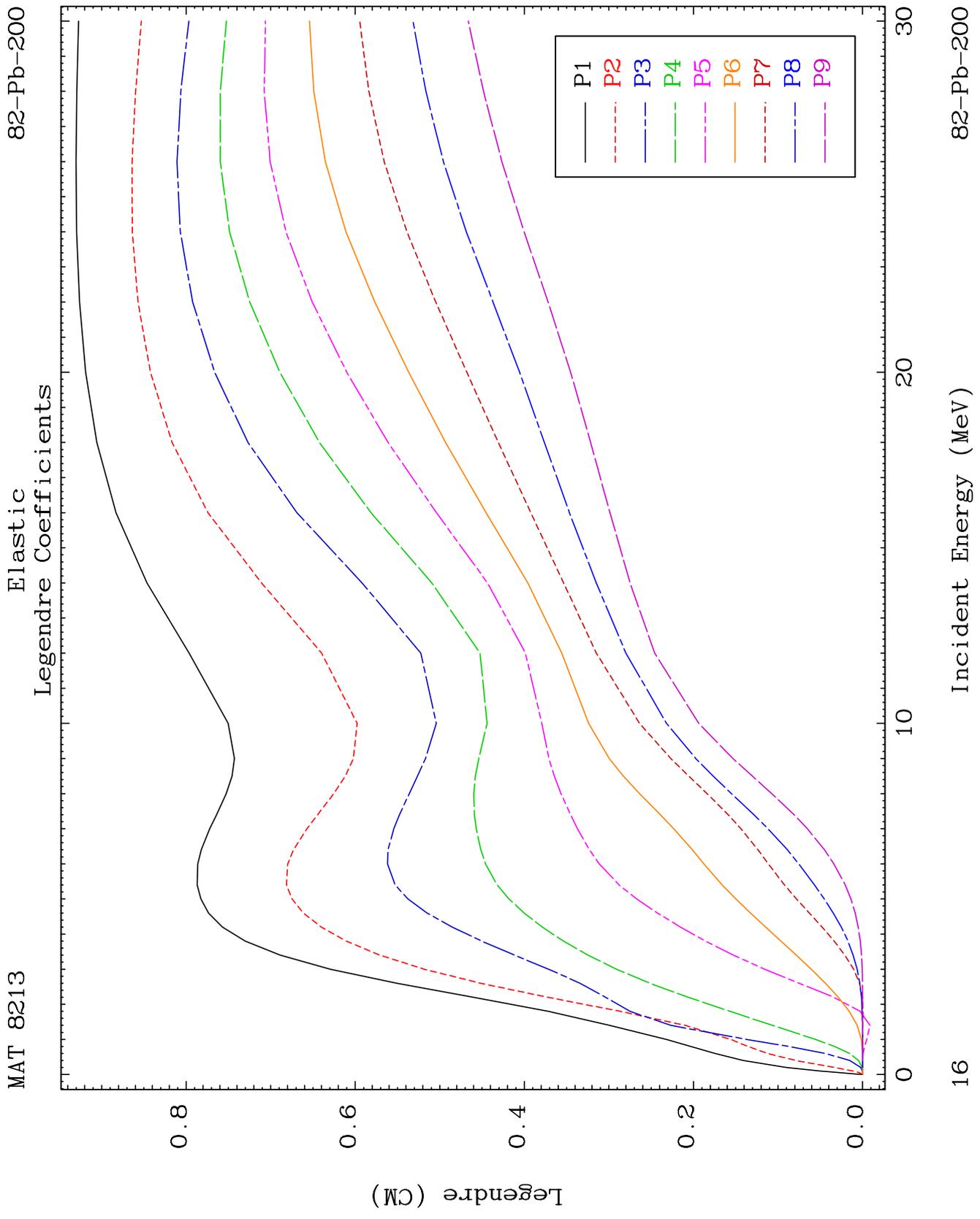
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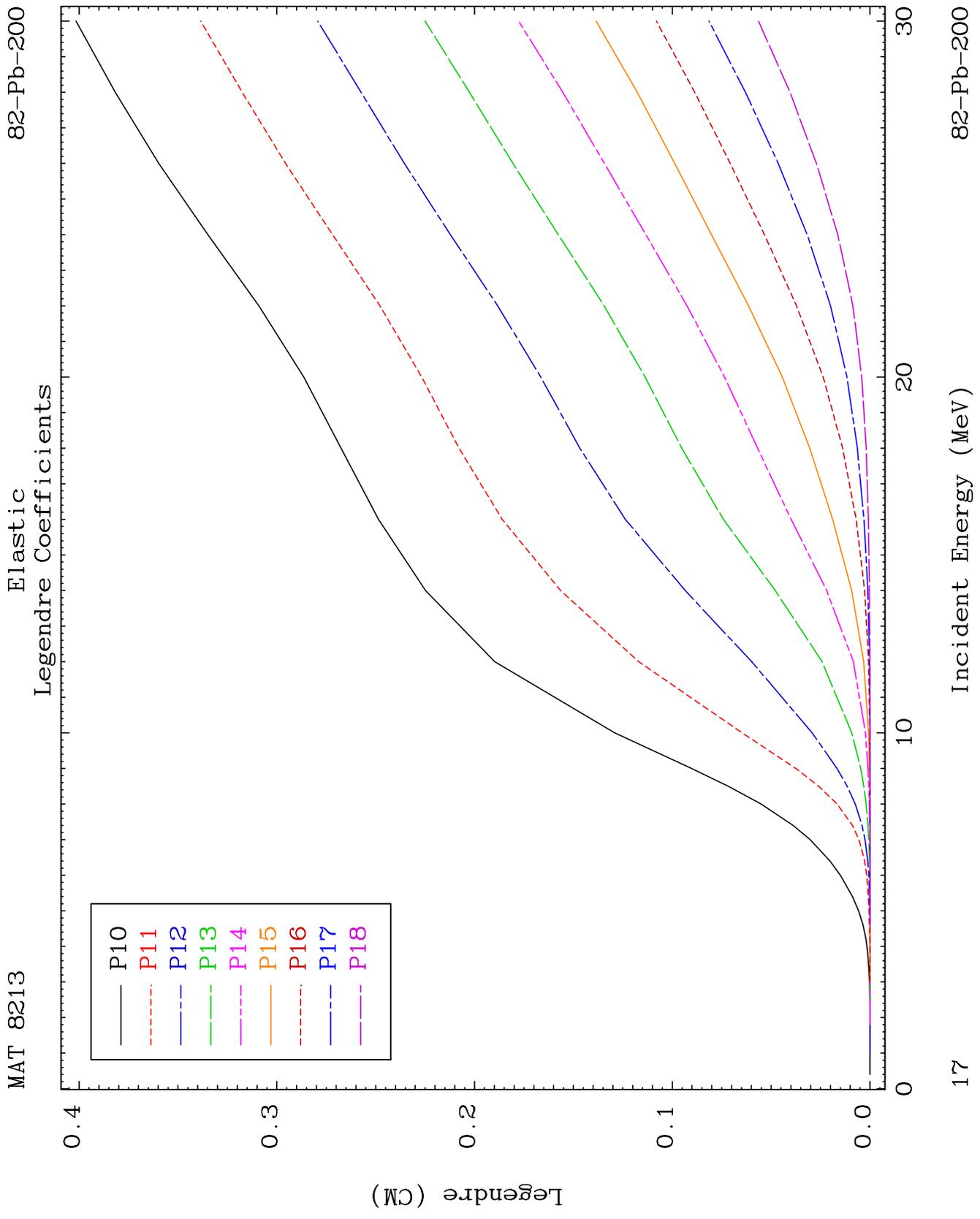
(n, α) Levels
293 Kelvin Cross Sections

82-Pb-200





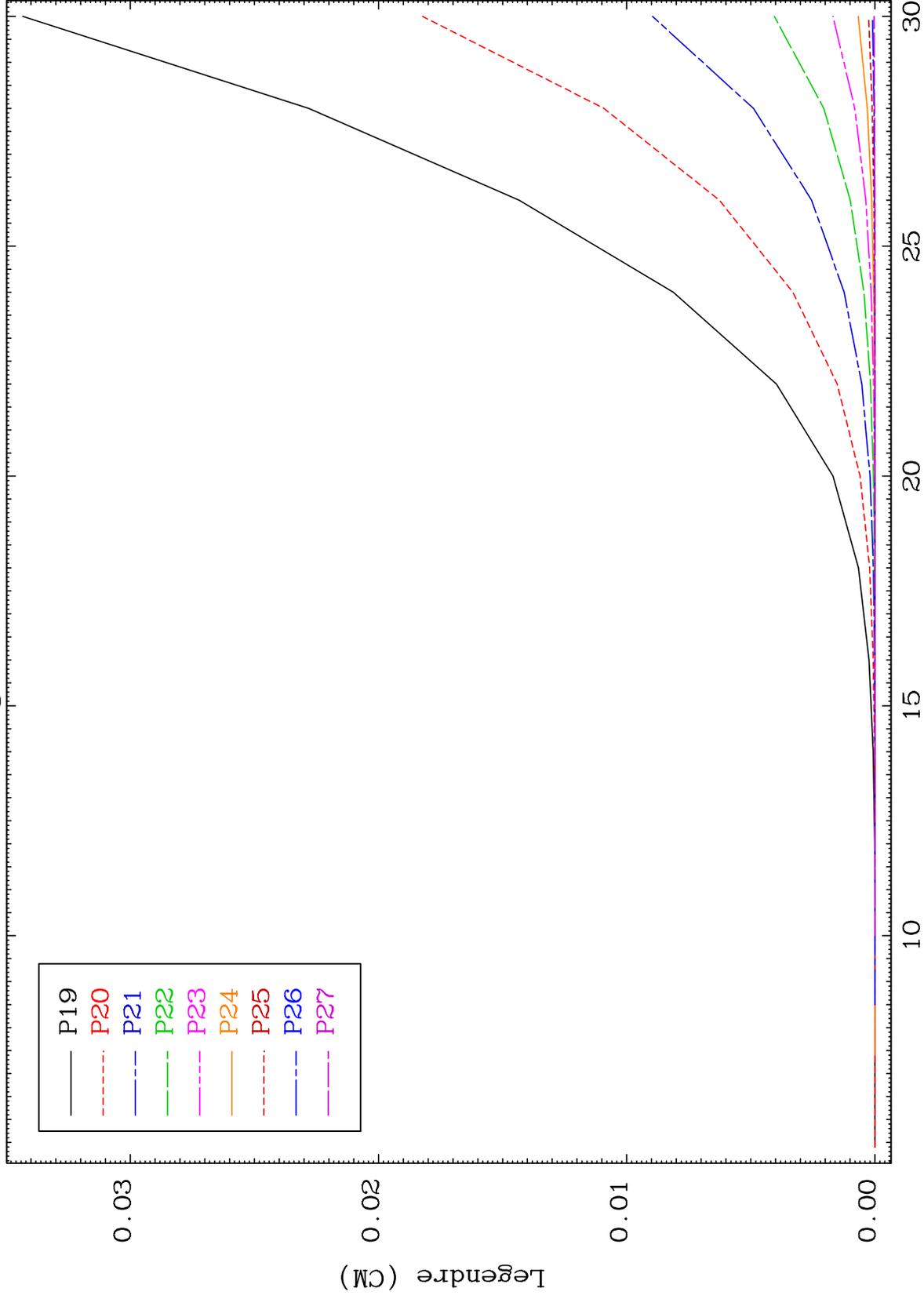




MAT 8213

Elastic
Legendre Coefficients

82-Pb-200



18

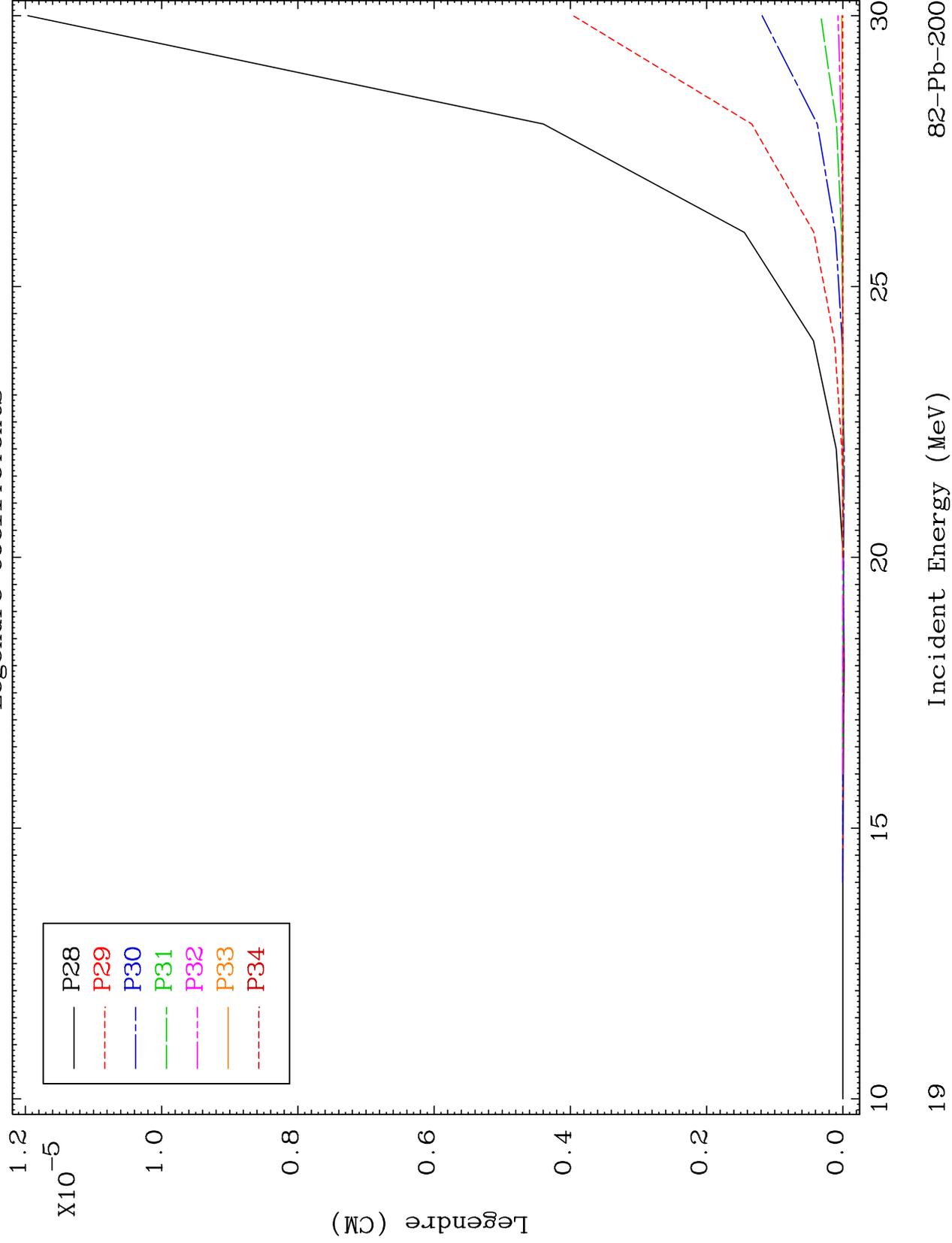
Incident Energy (MeV)

82-Pb-200

MAT 8213

Elastic
Legendre Coefficients

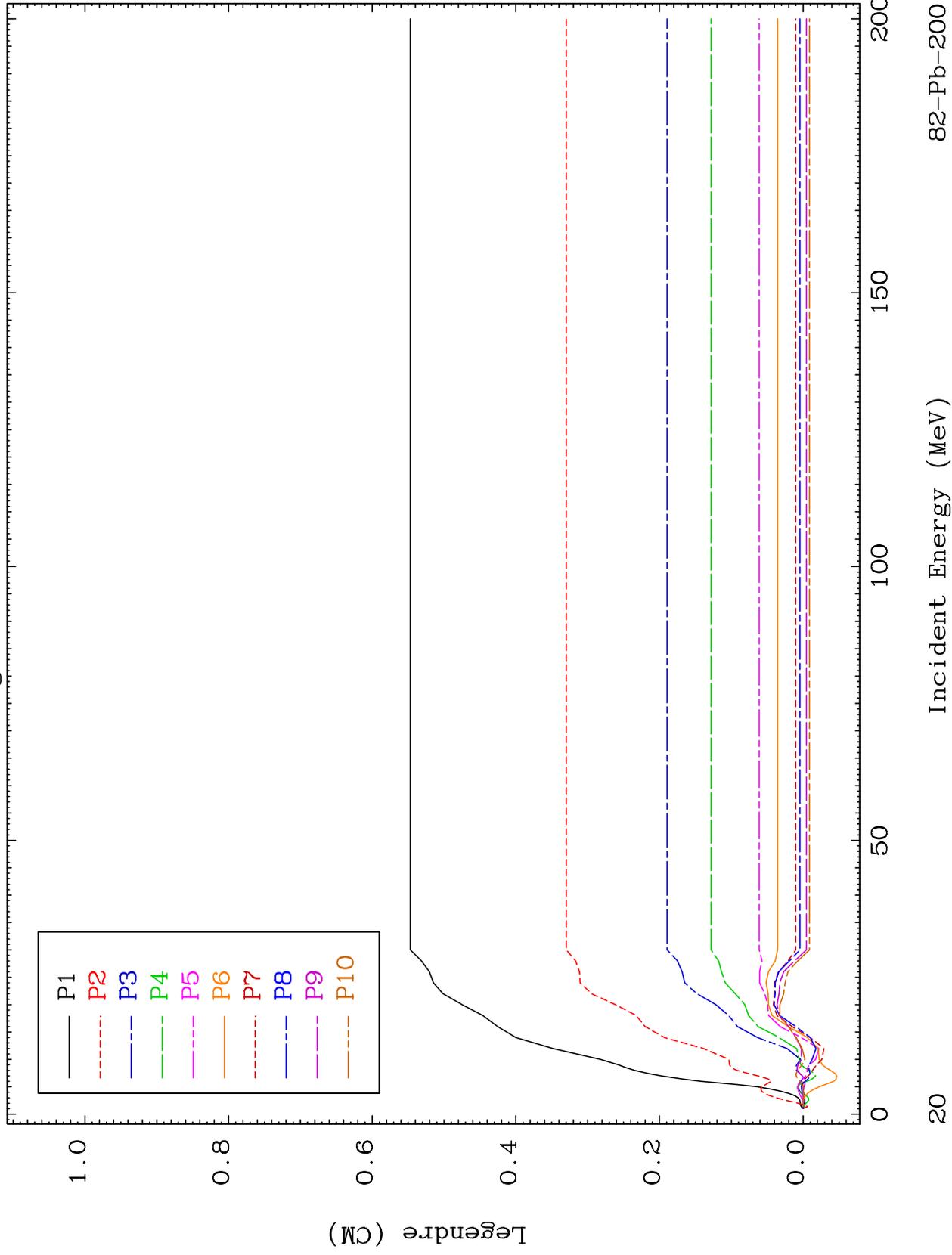
82-Pb-200



MAT 8213

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

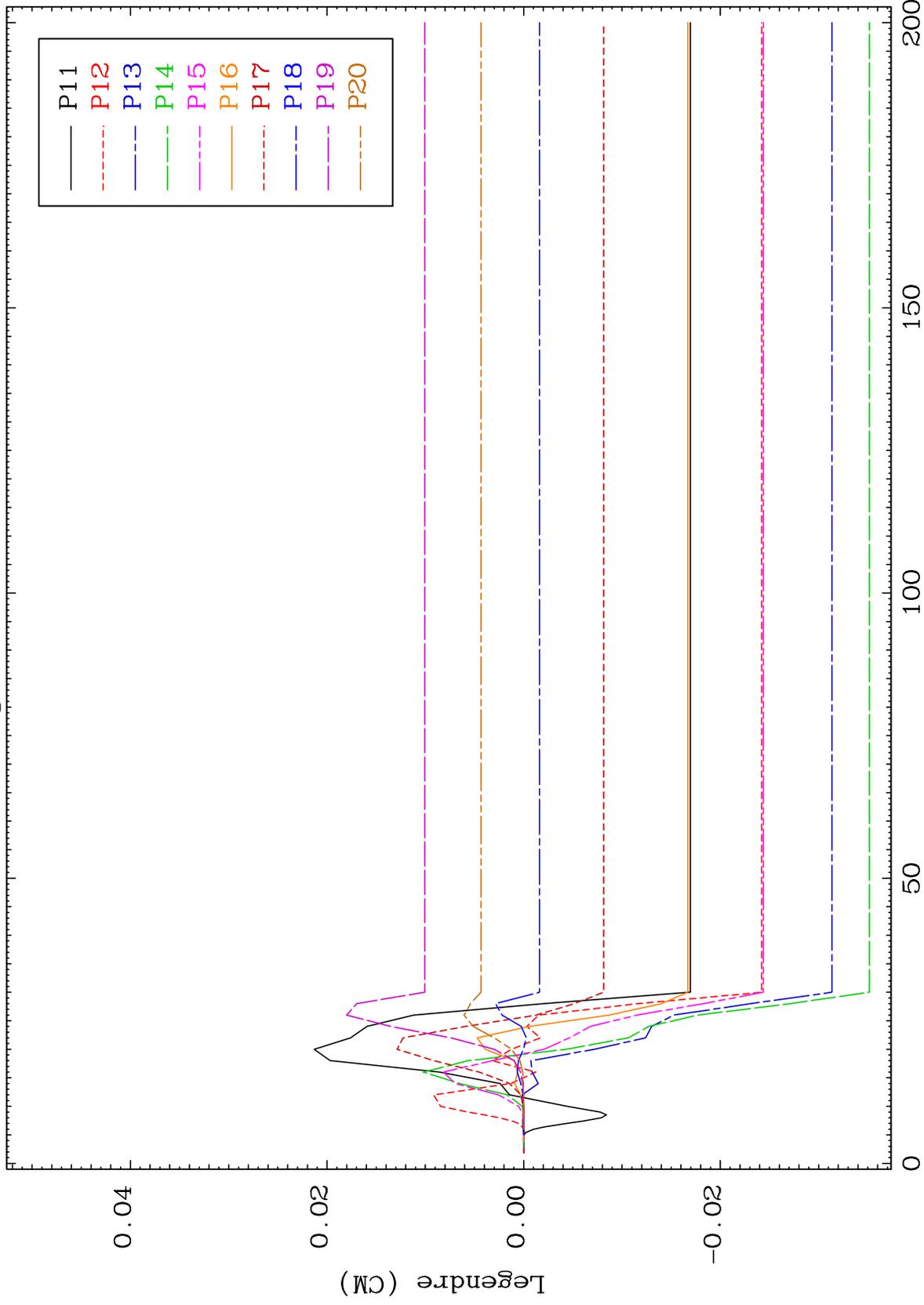
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MAT 8213

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

82-Pb-200



21

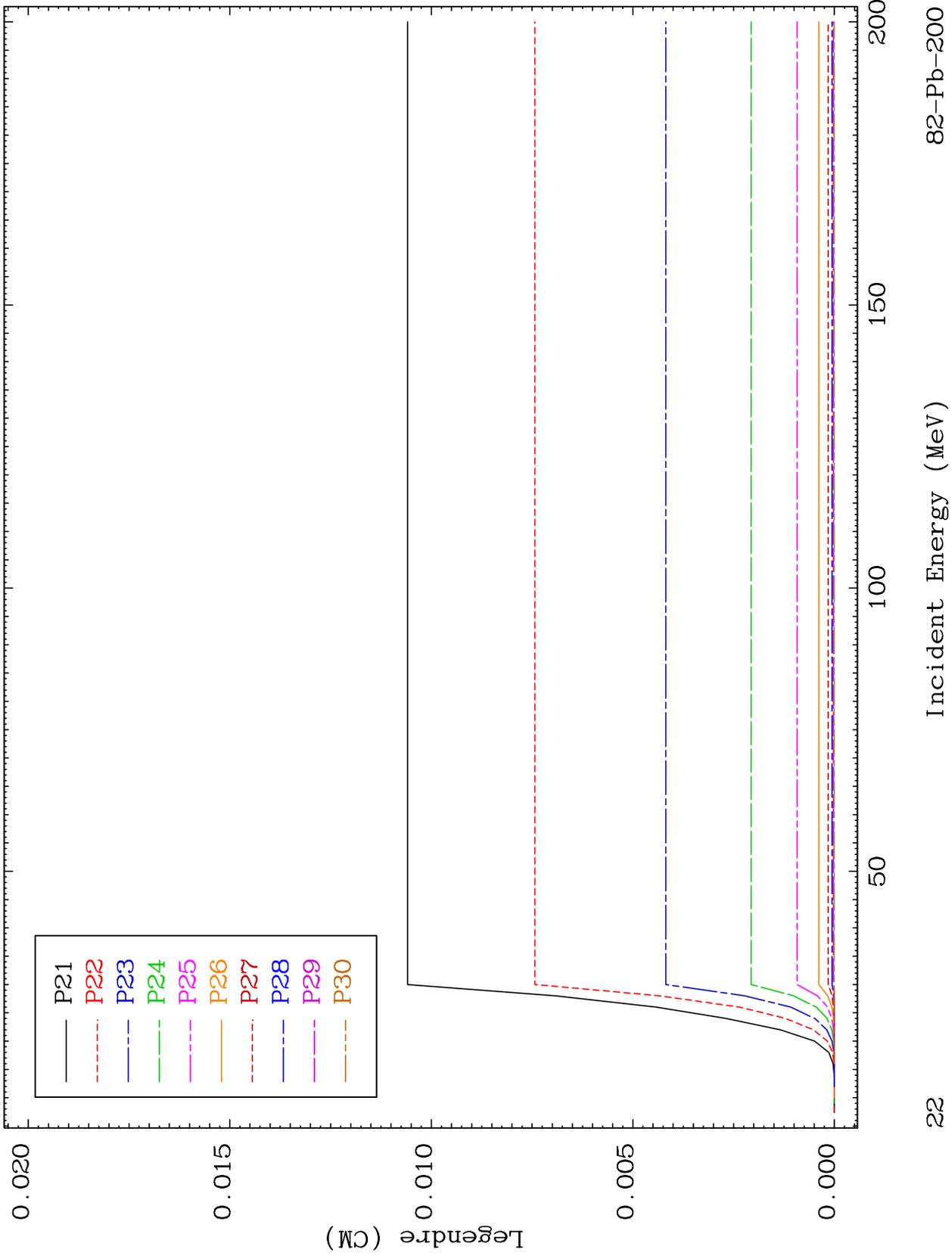
Incident Energy (MeV)

82-Pb-200

MAT 8213

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

82-Pb-200



22

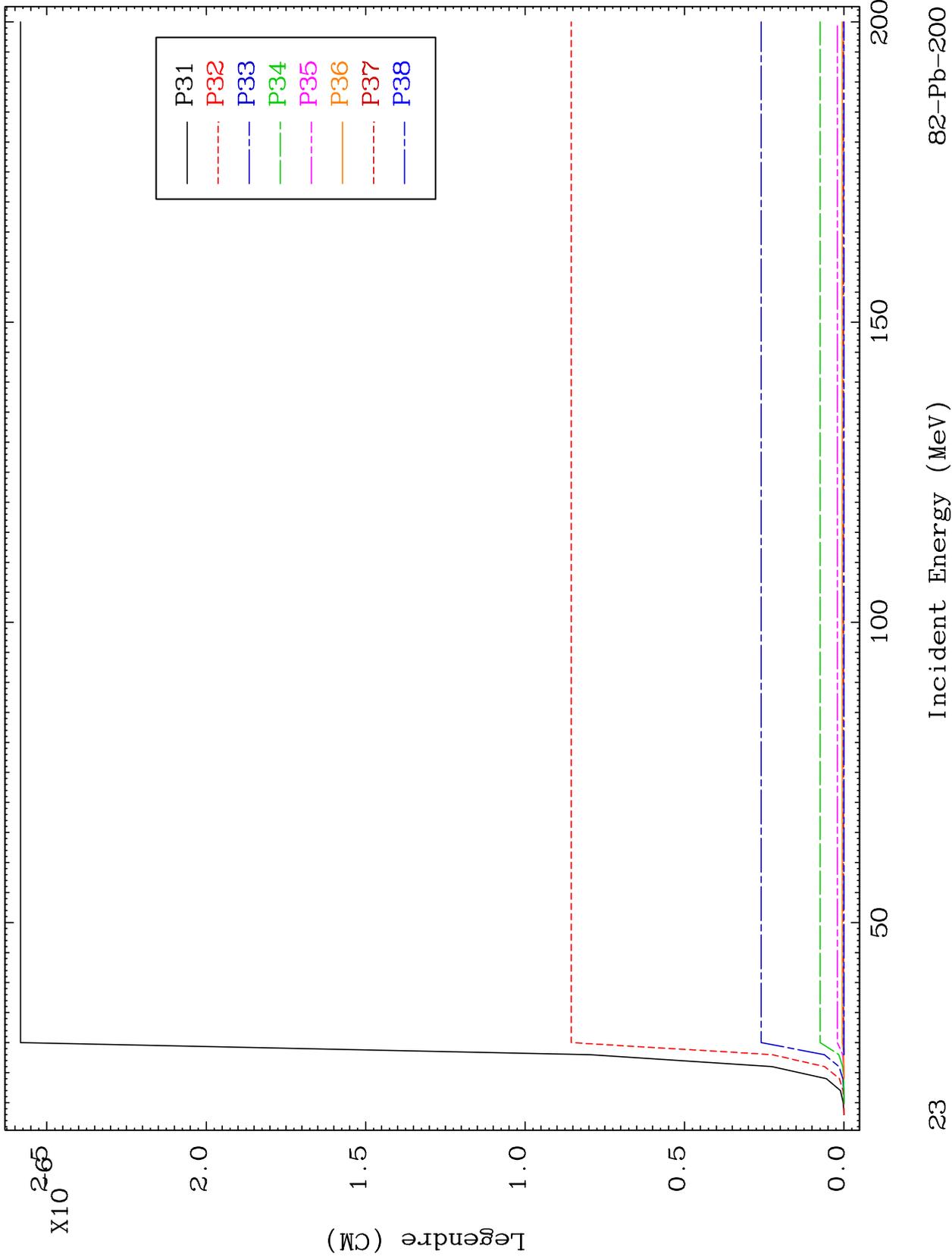
Incident Energy (MeV)

82-Pb-200

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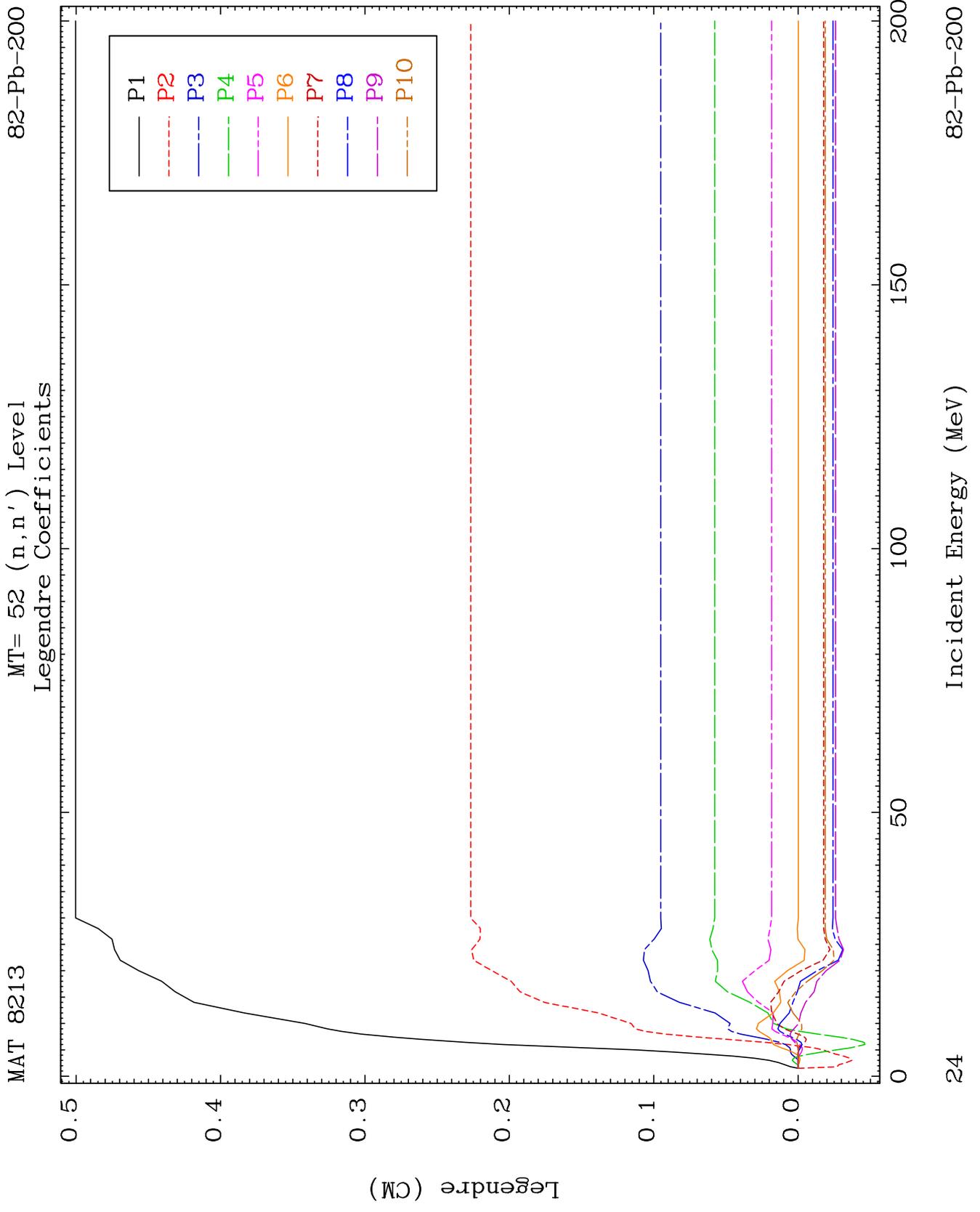
MT= 51 (n,n') Level
Legendre Coefficients

82-Pb-200



23

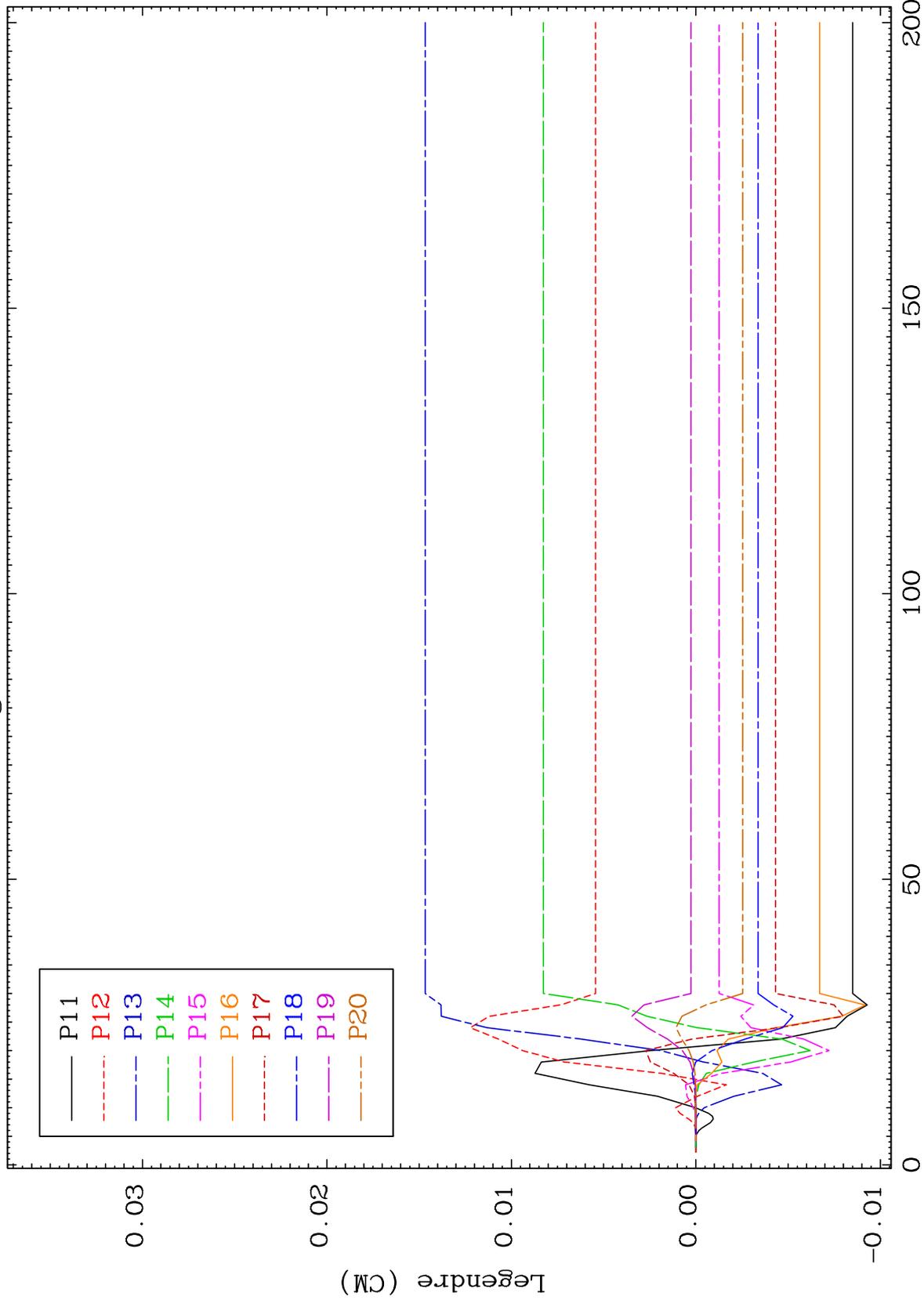
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MAT 8213

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

82-Pb-200



25

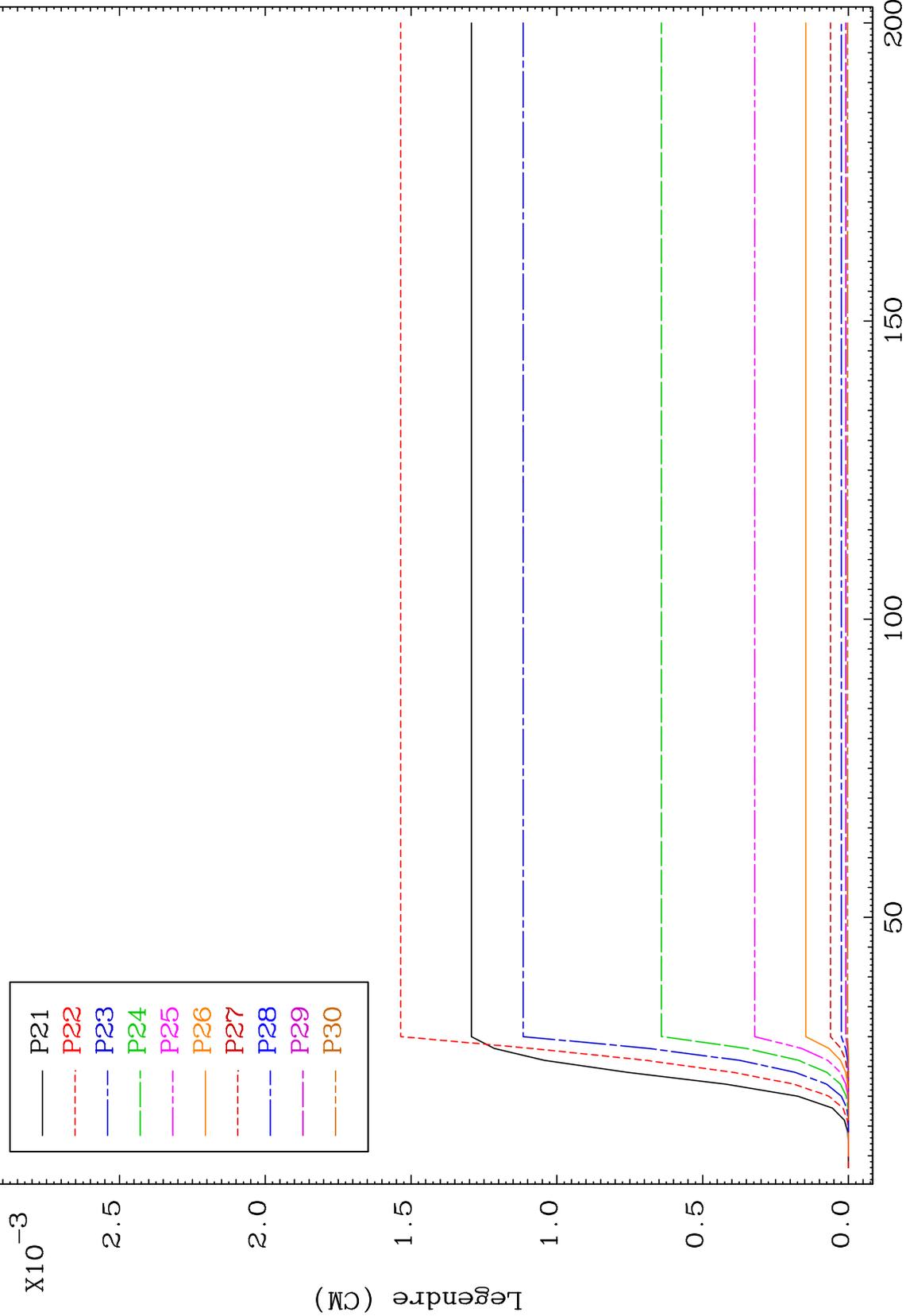
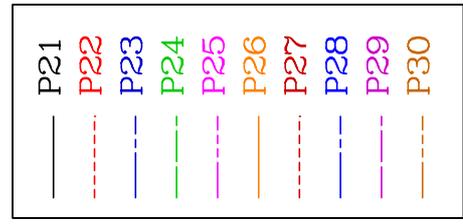
Incident Energy (MeV)

82-Pb-200

MAT 8213

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

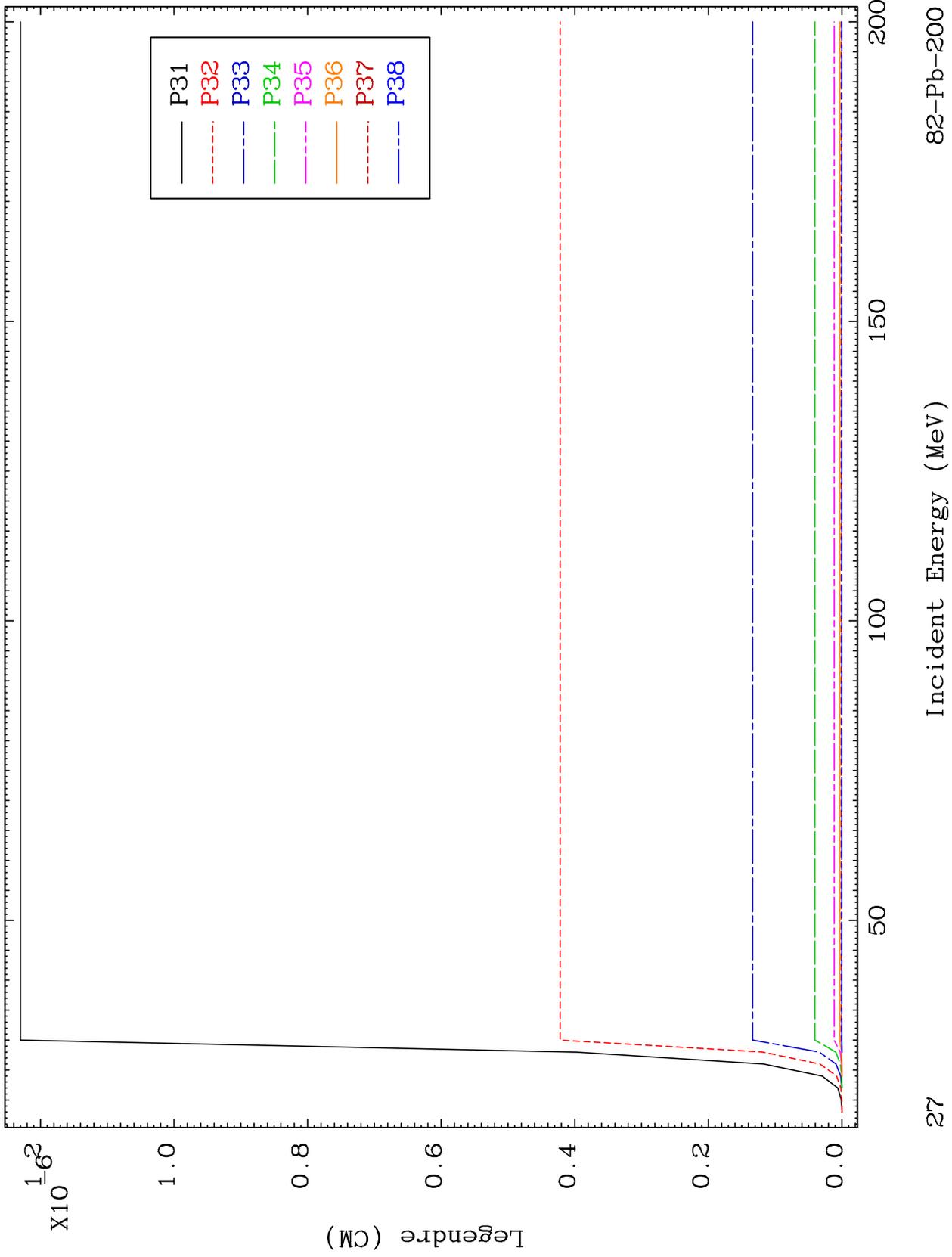
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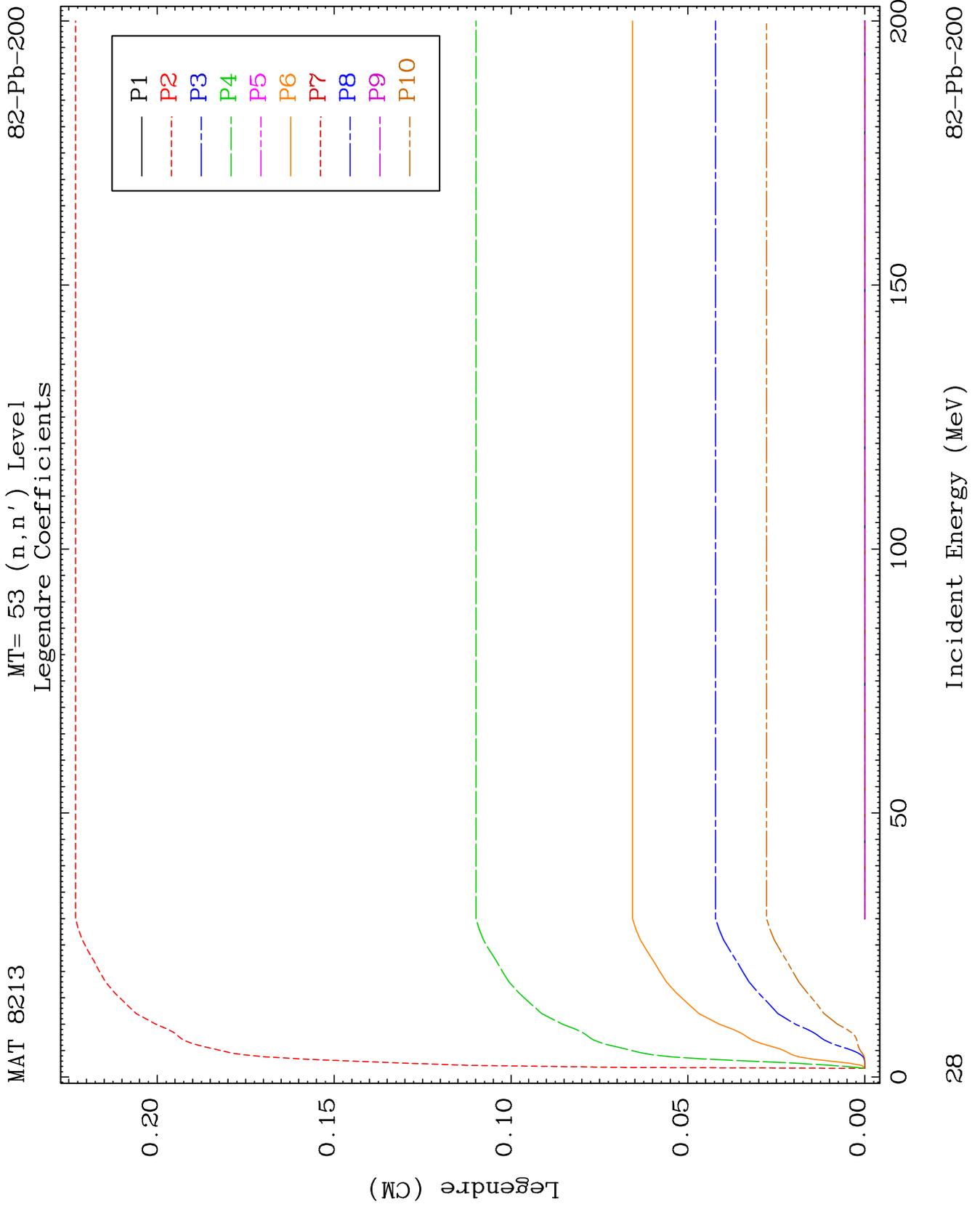
MAT 8213

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

82-Pb-200



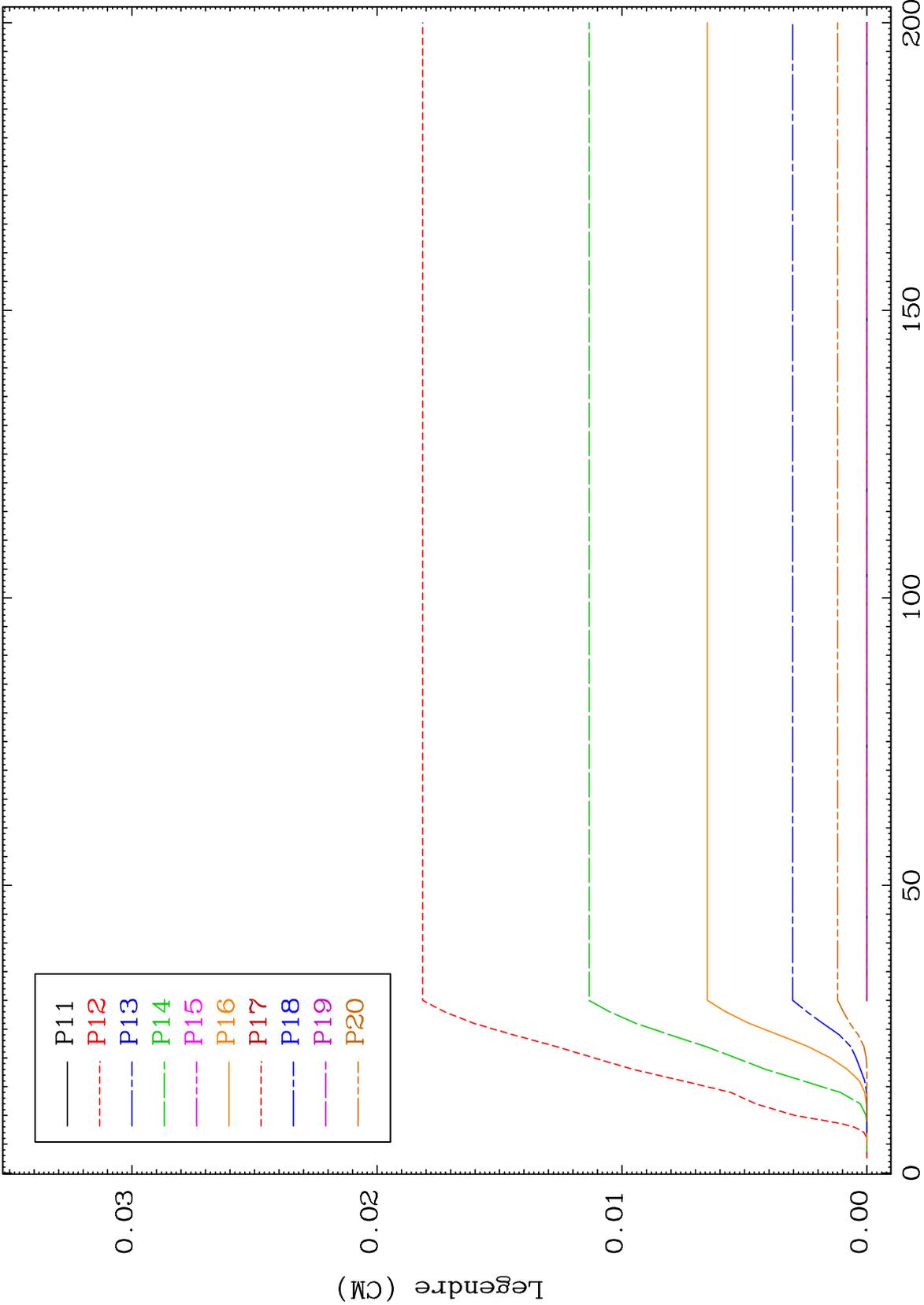
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MAT 8213

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

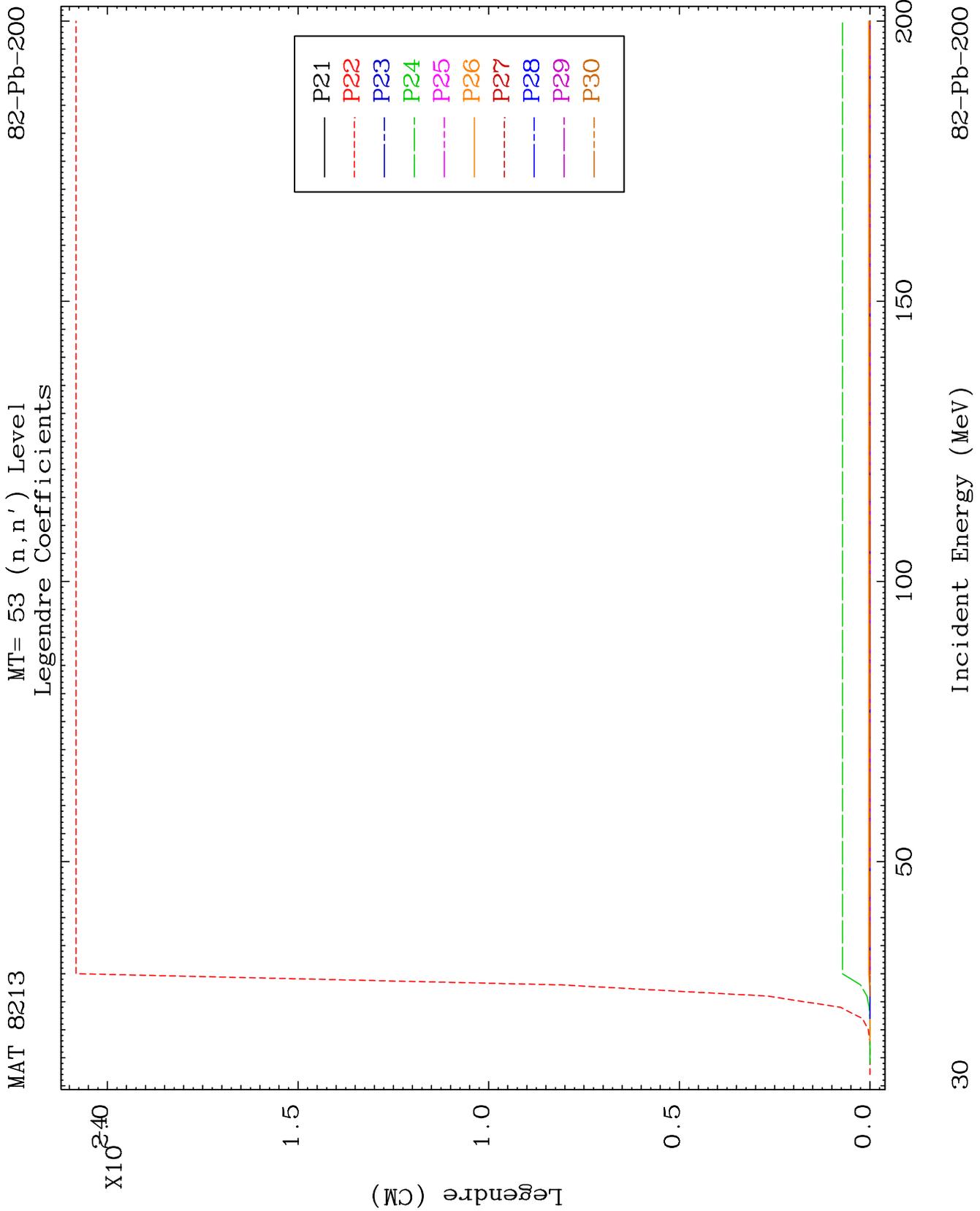
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29

Incident Energy (MeV)

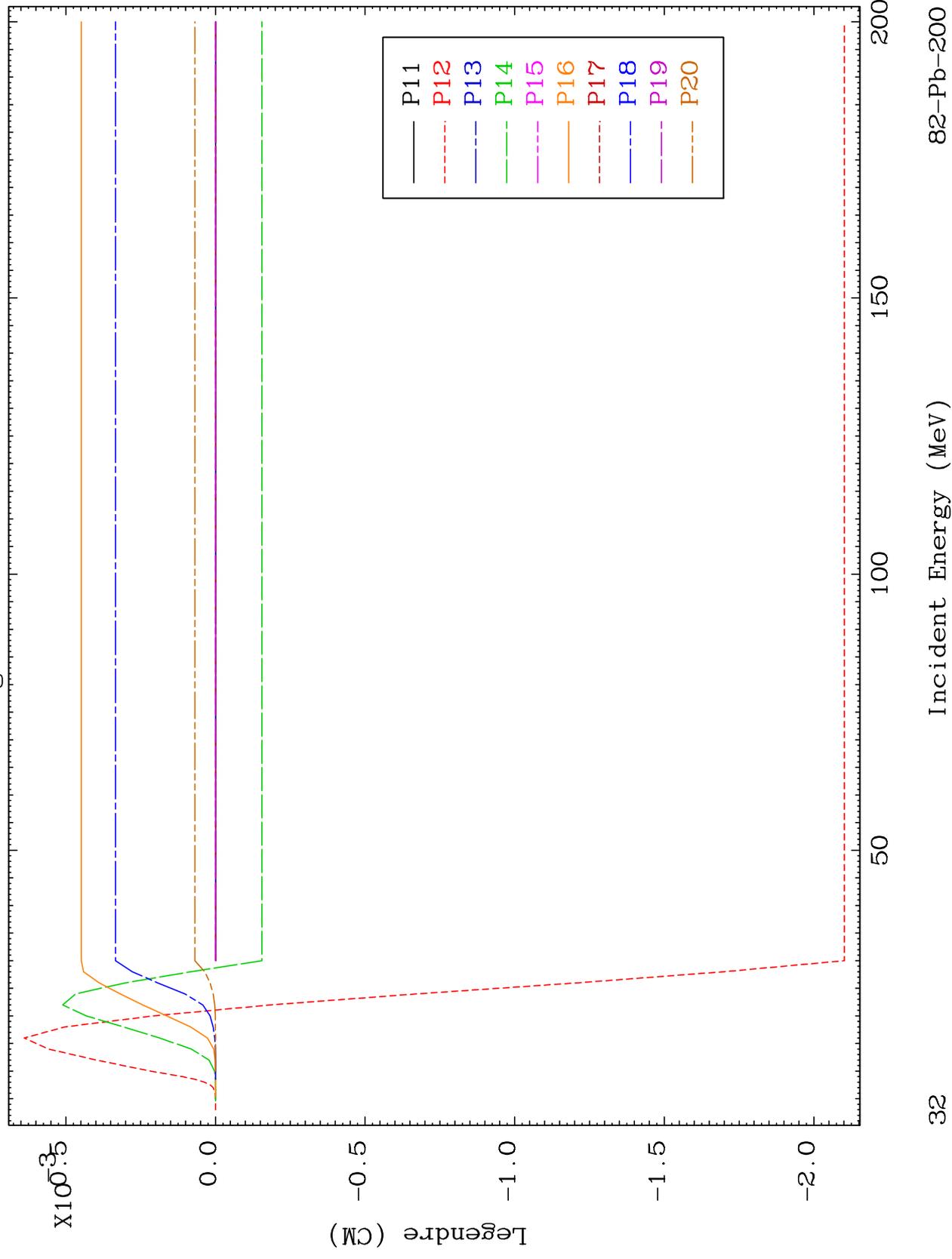
82-Pb-200



MAT 8213

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

82-Pb-200



32

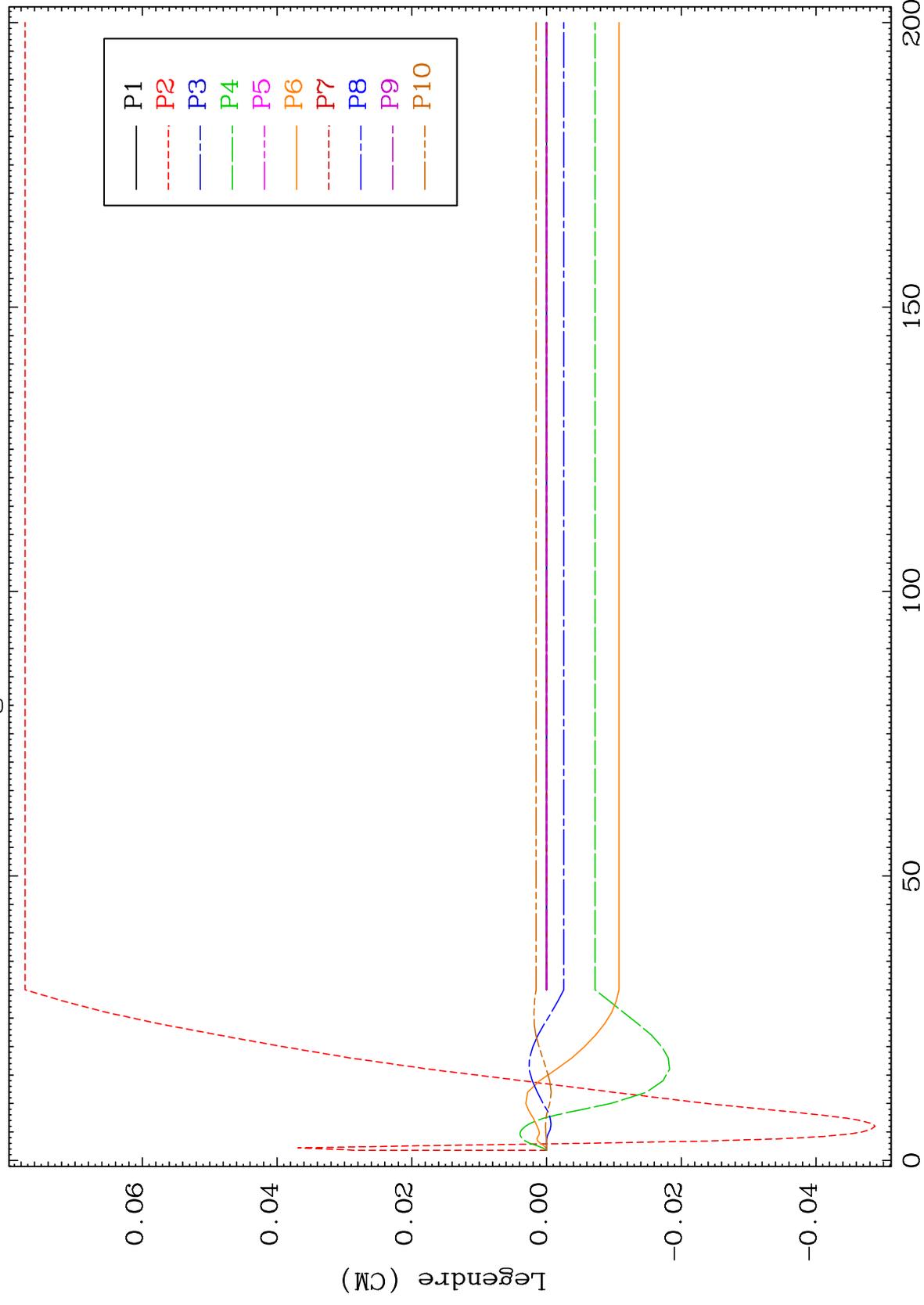
Incident Energy (MeV)

82-Pb-200

MAT 8213

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

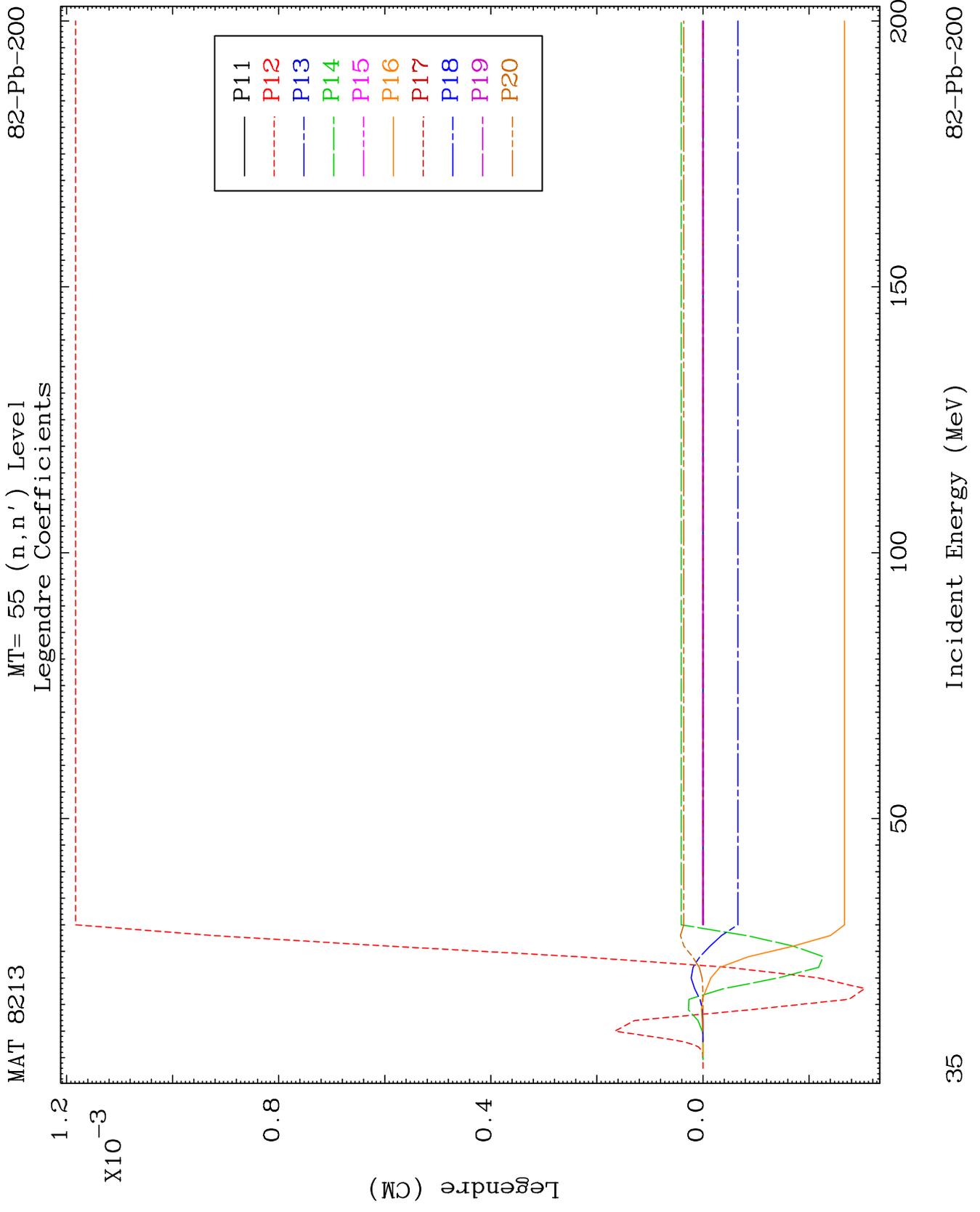
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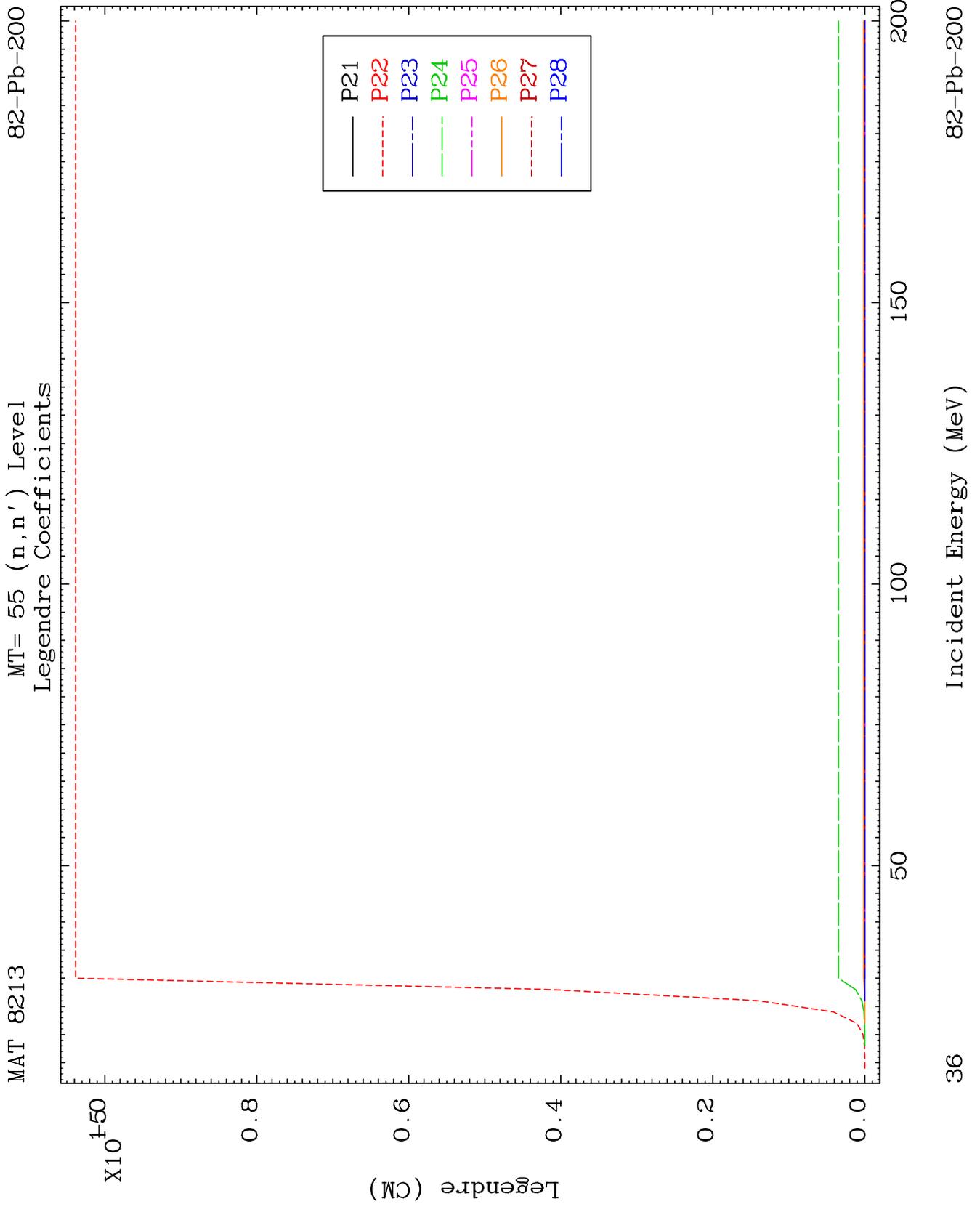


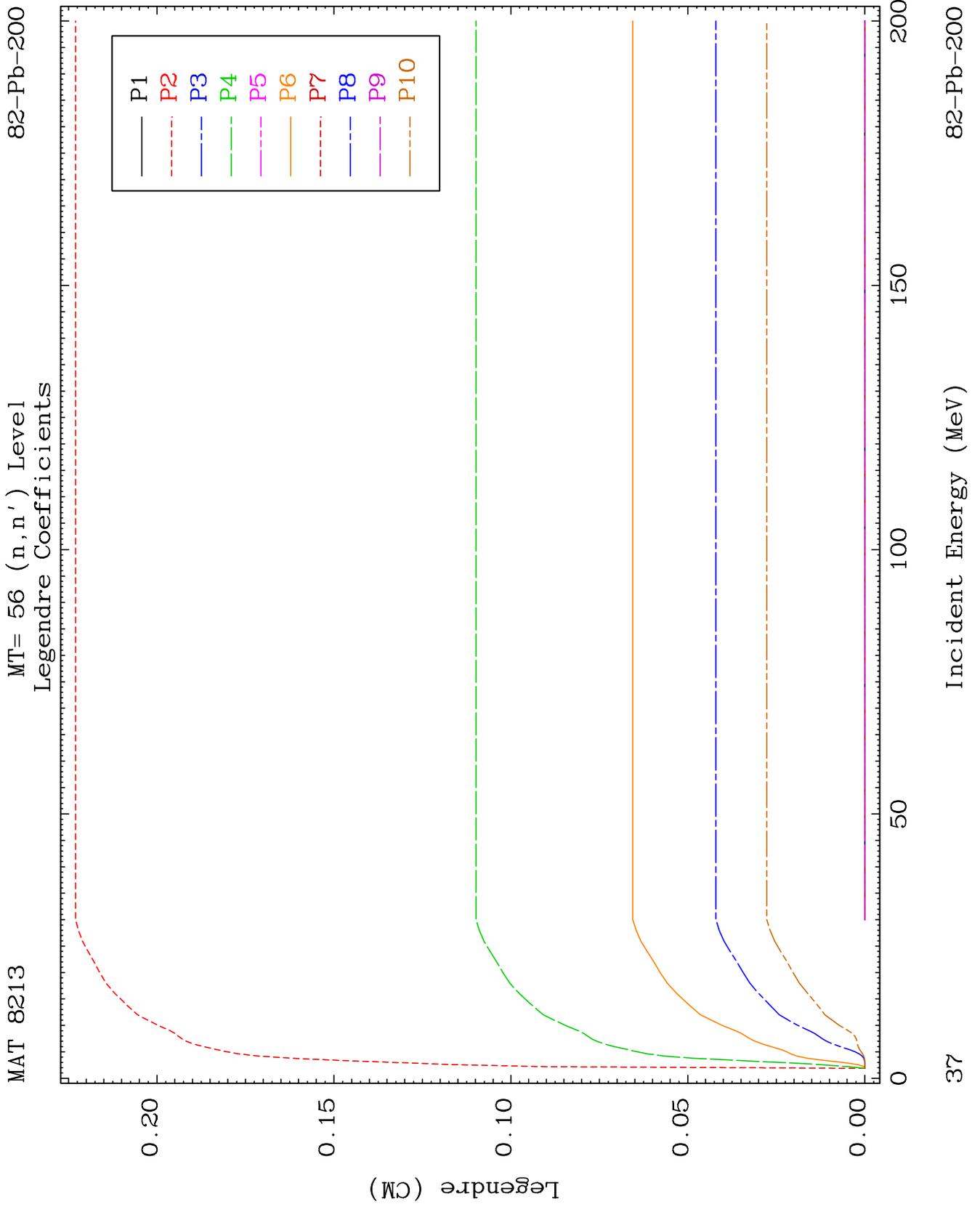
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Incident Energy (MeV)

82-Pb-200



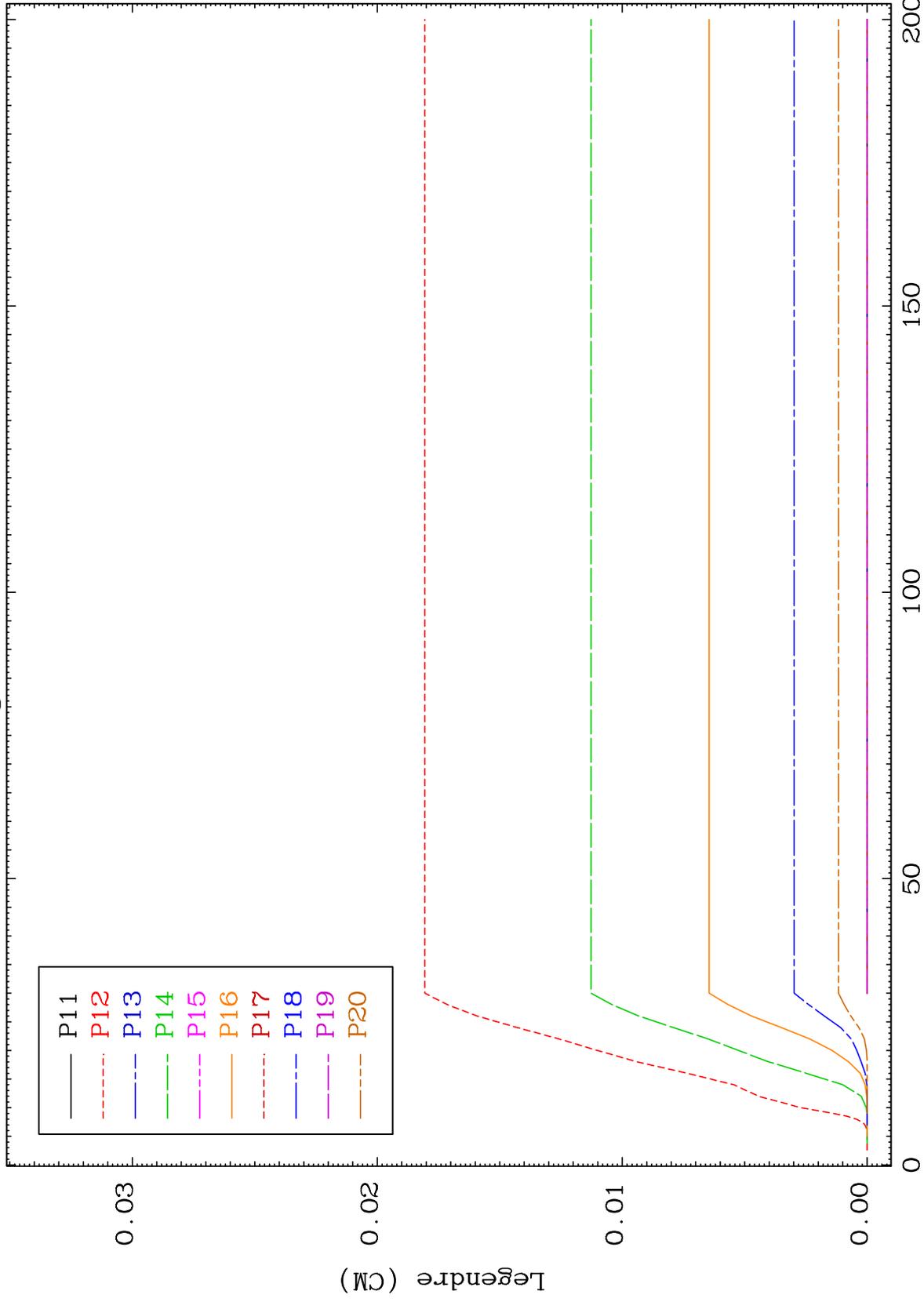




MAT 8213

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

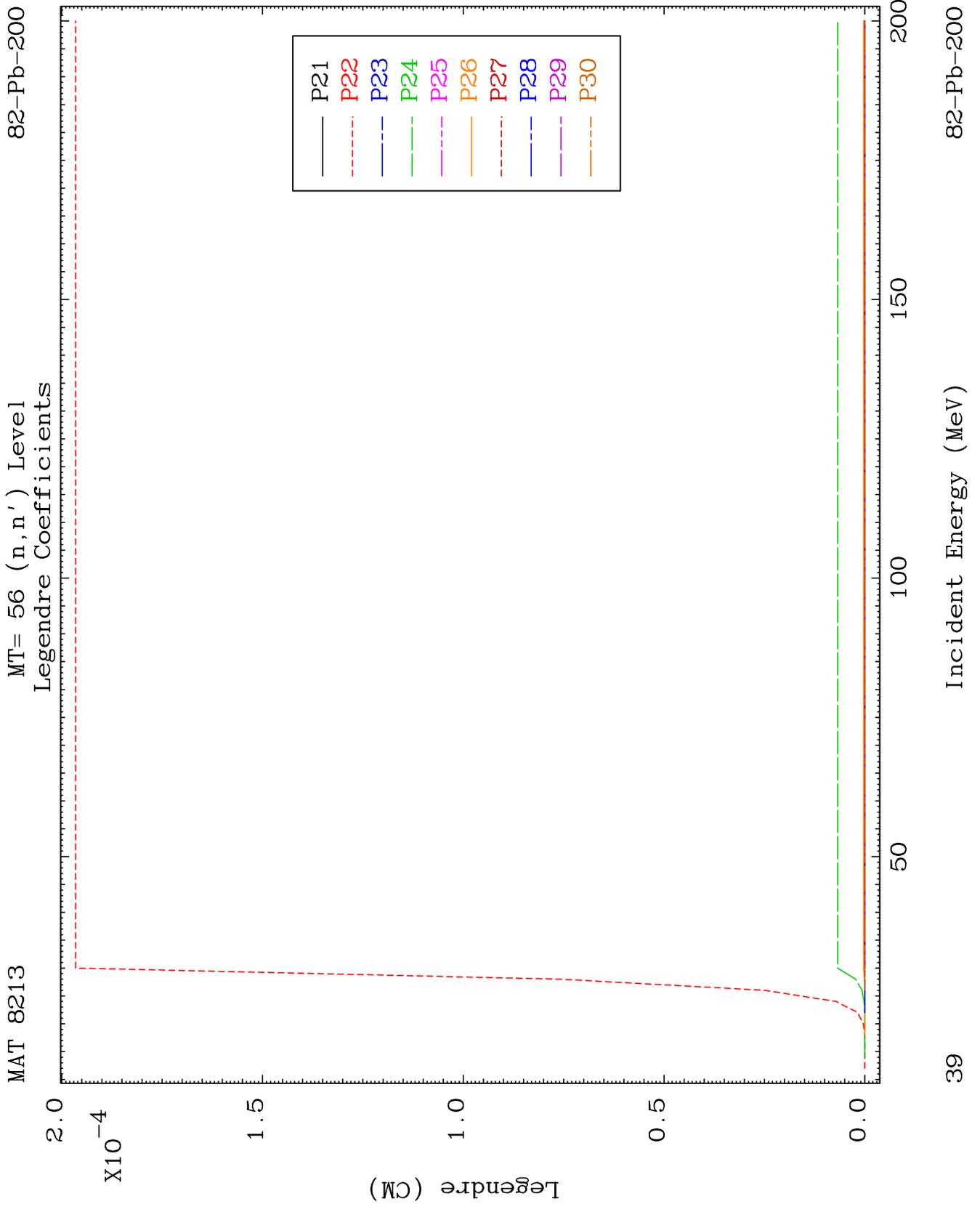
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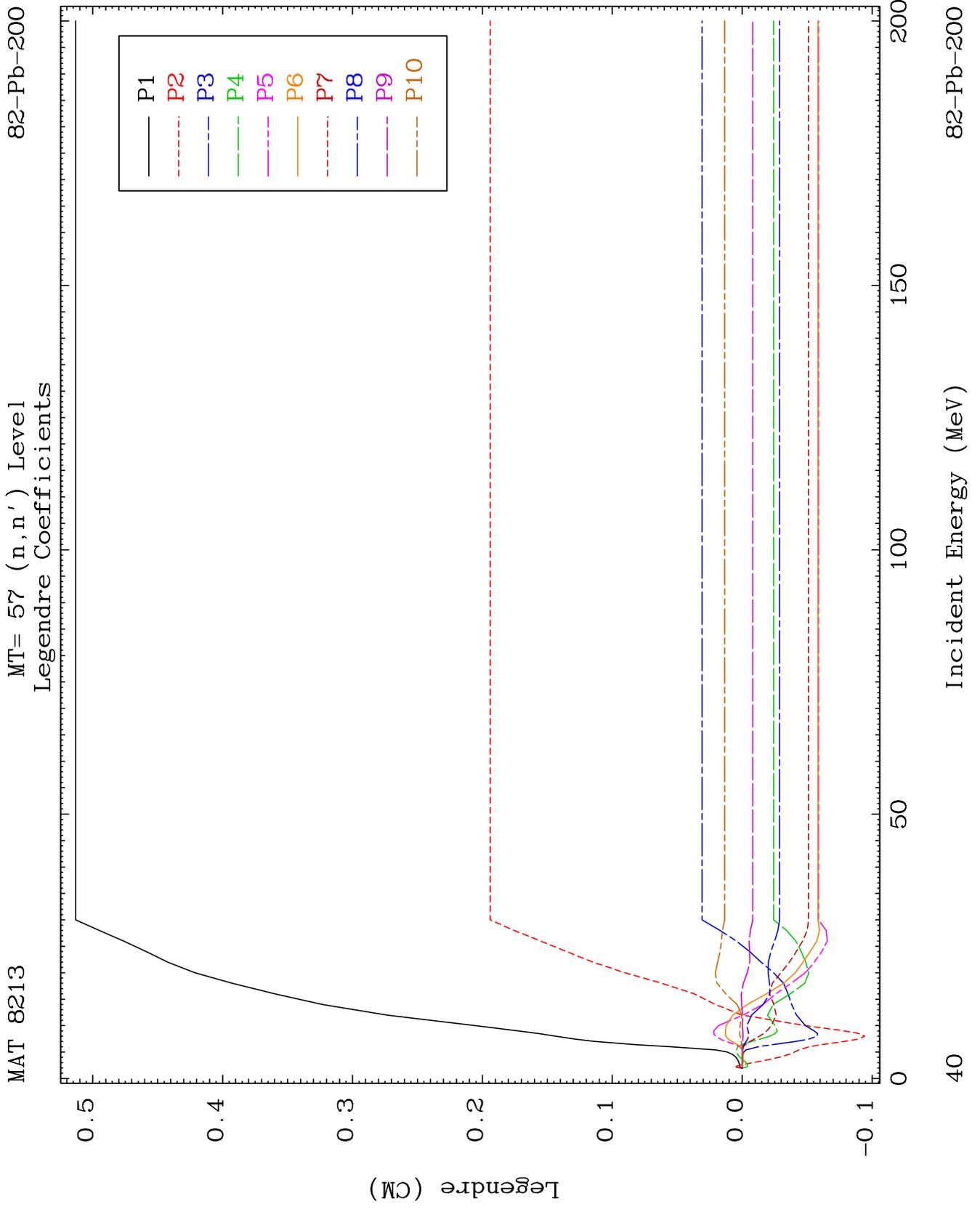


38

Incident Energy (MeV)

82-Pb-200

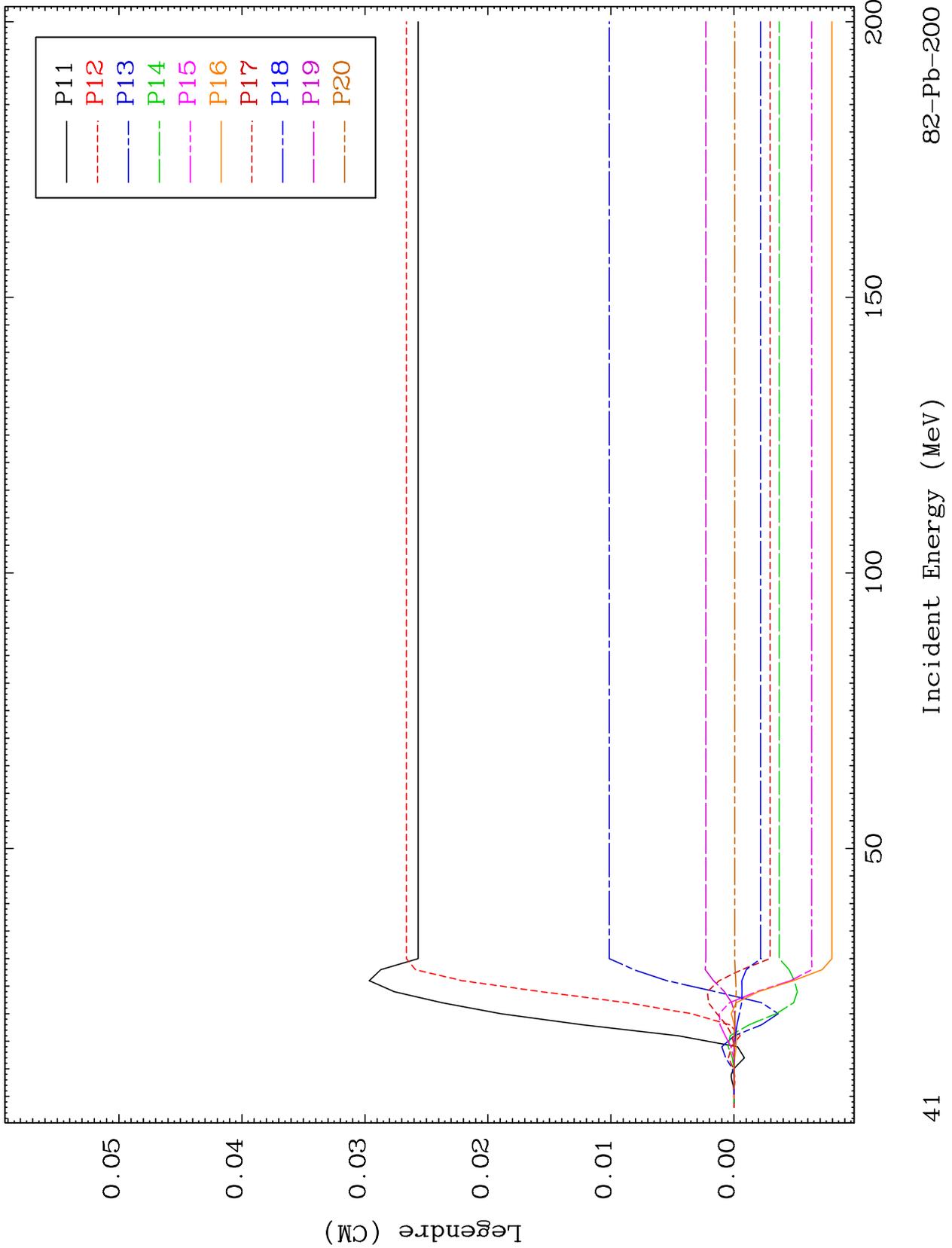




MAT 8213

MT= 57 (n,n') Level
Legendre Coefficients

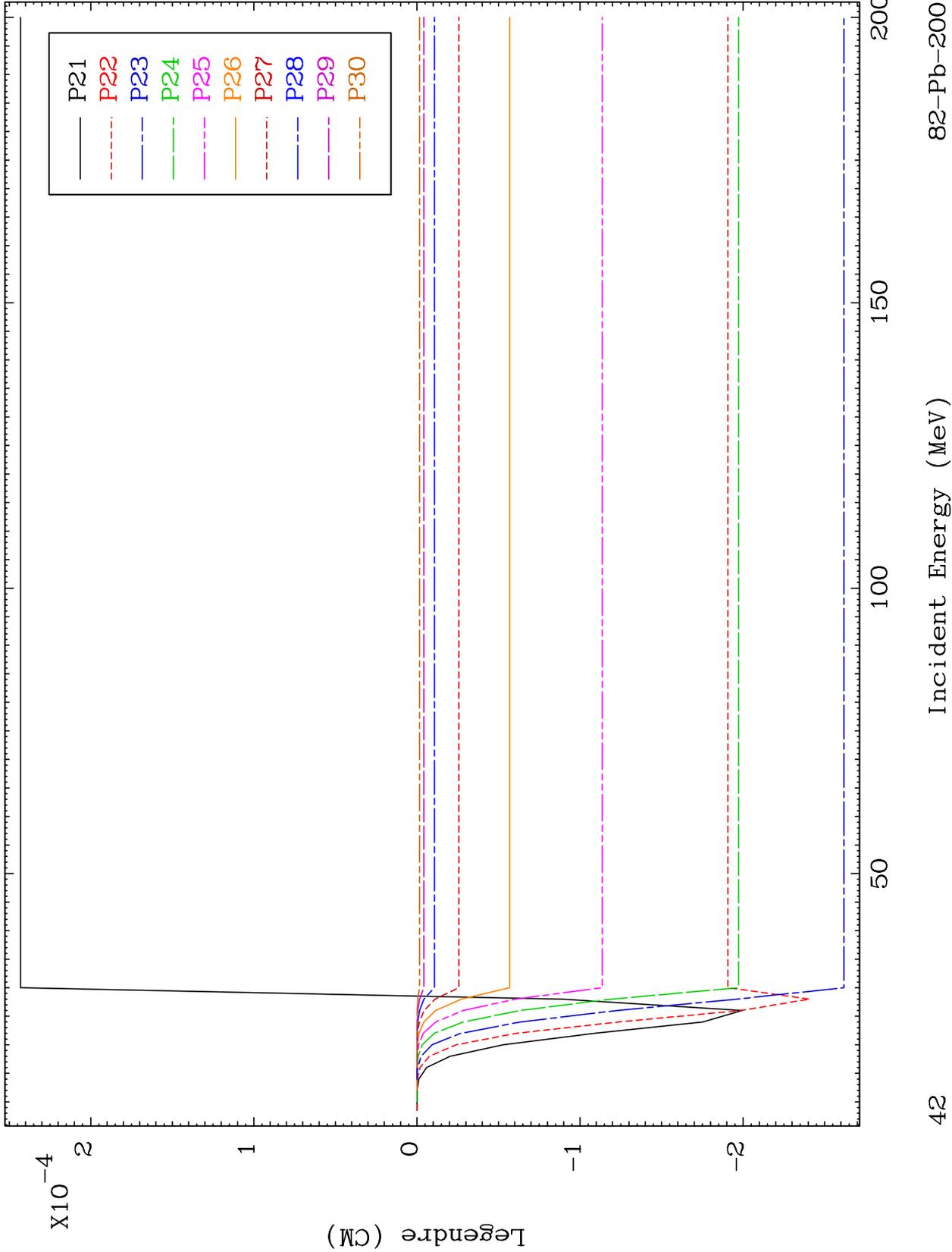
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MAT 8213

MT= 57 (n,n') Level
Legendre Coefficients

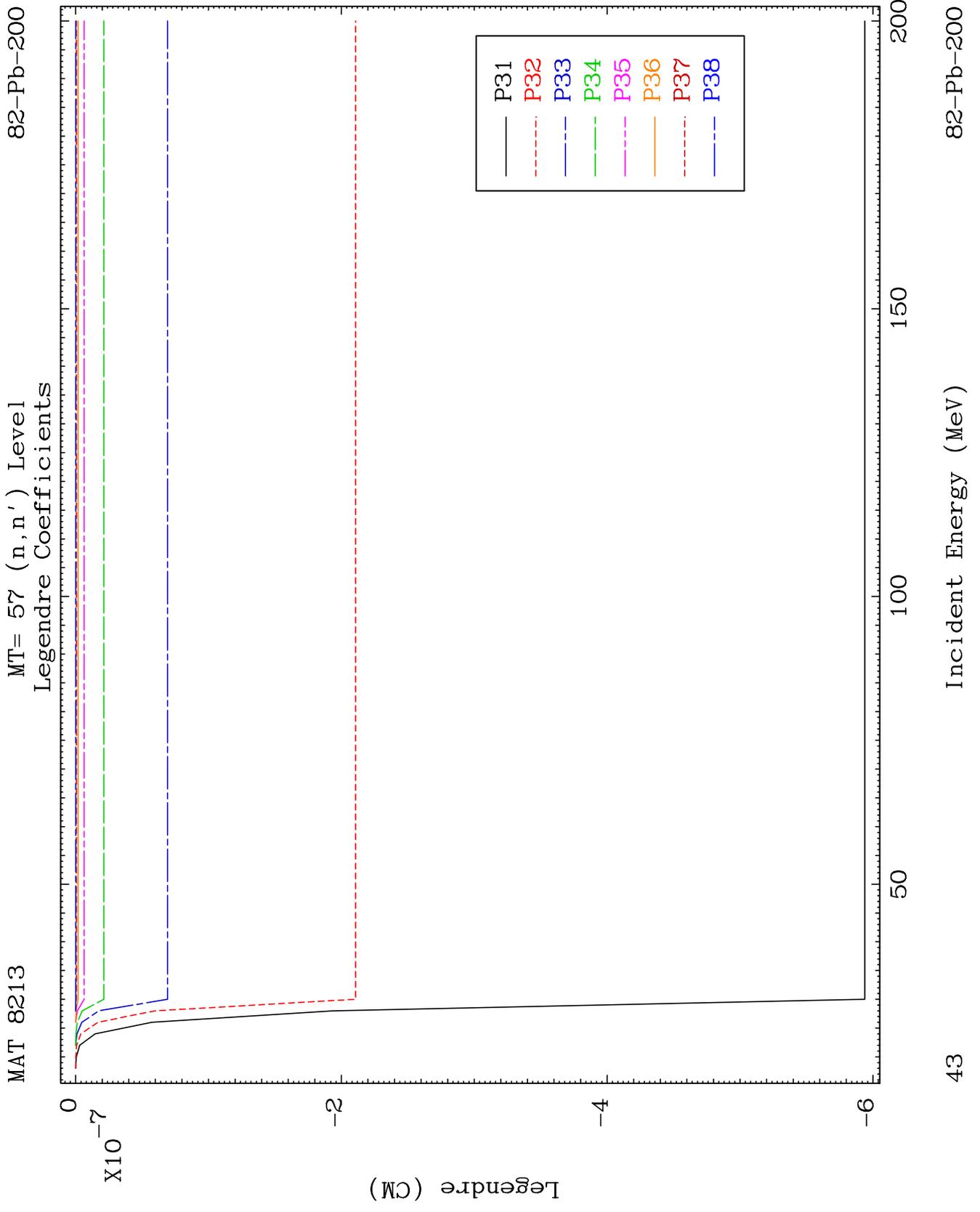
82-Pb-200



42

Incident Energy (MeV)

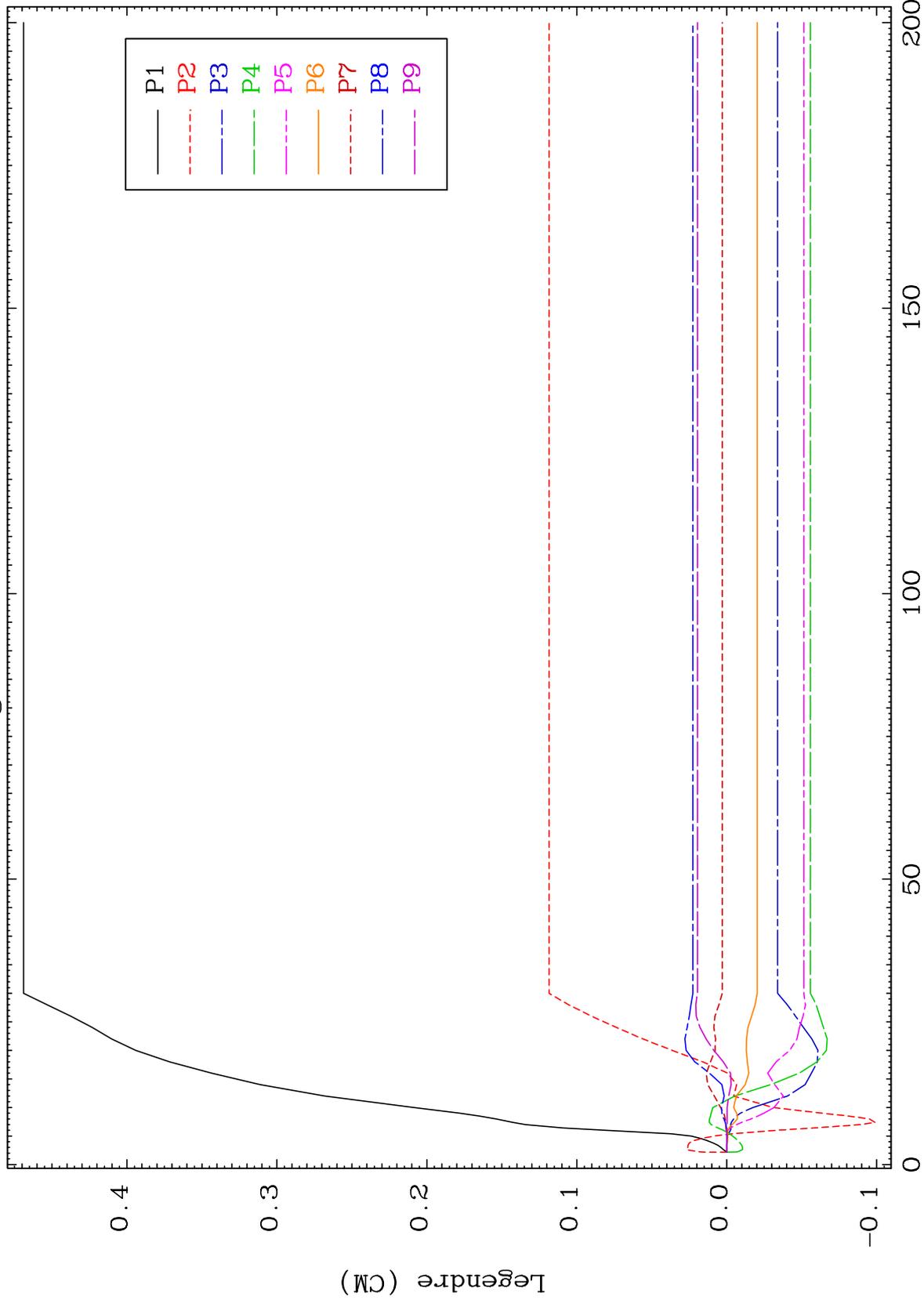
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MAT 8213

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

82-Pb-200



44

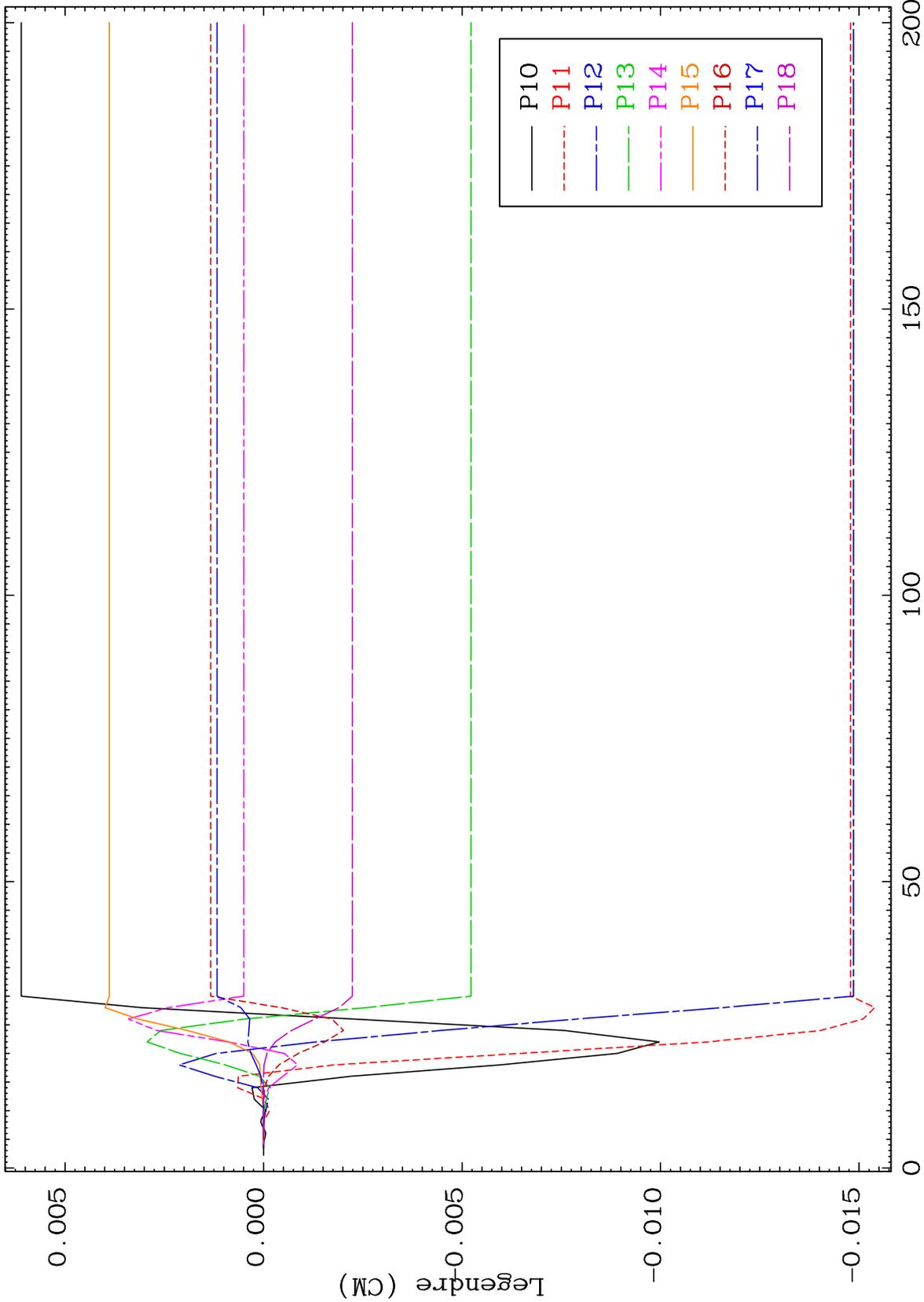
Incident Energy (MeV)

82-Pb-200

MAT 8213

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

82-Pb-200



45

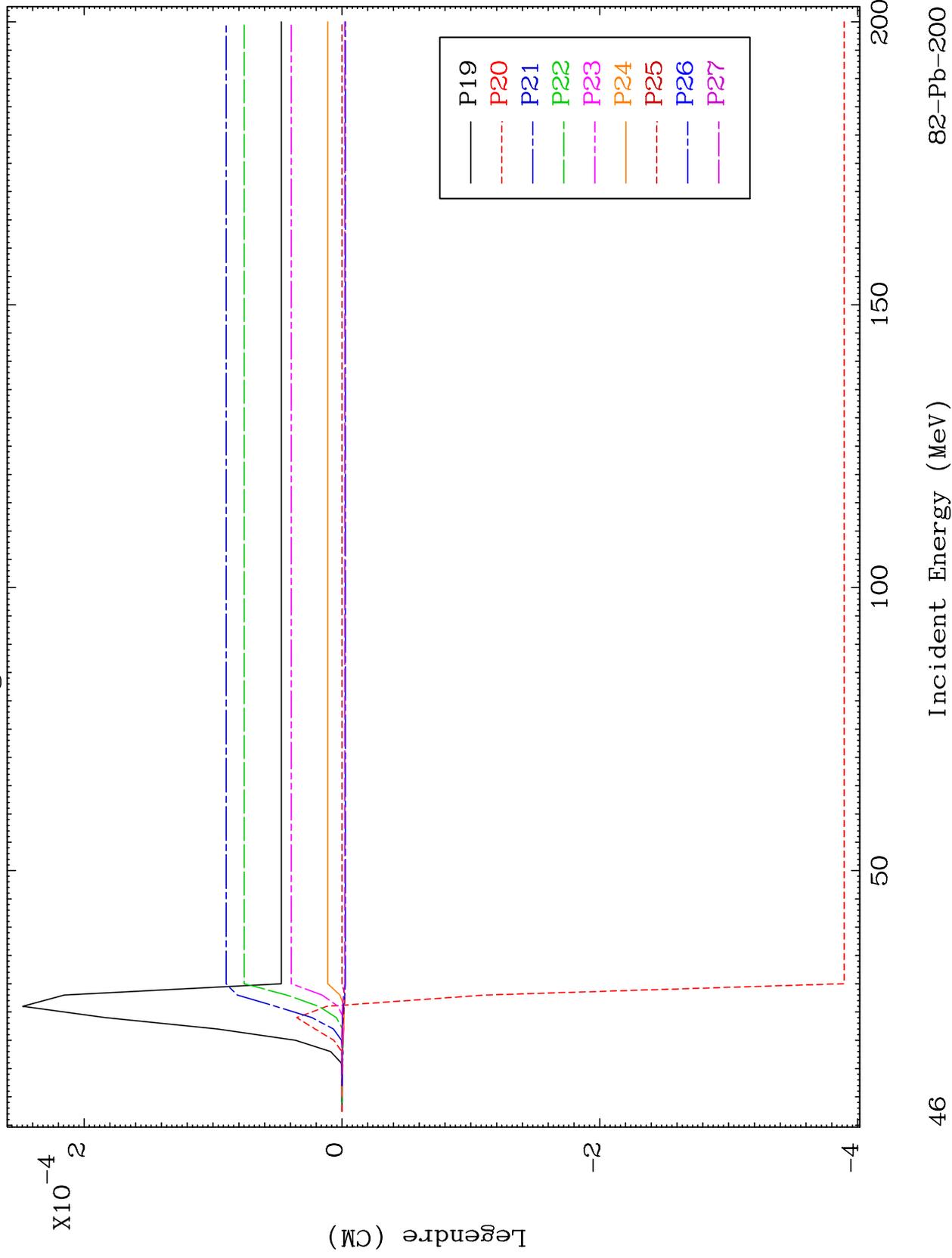
Incident Energy (MeV)

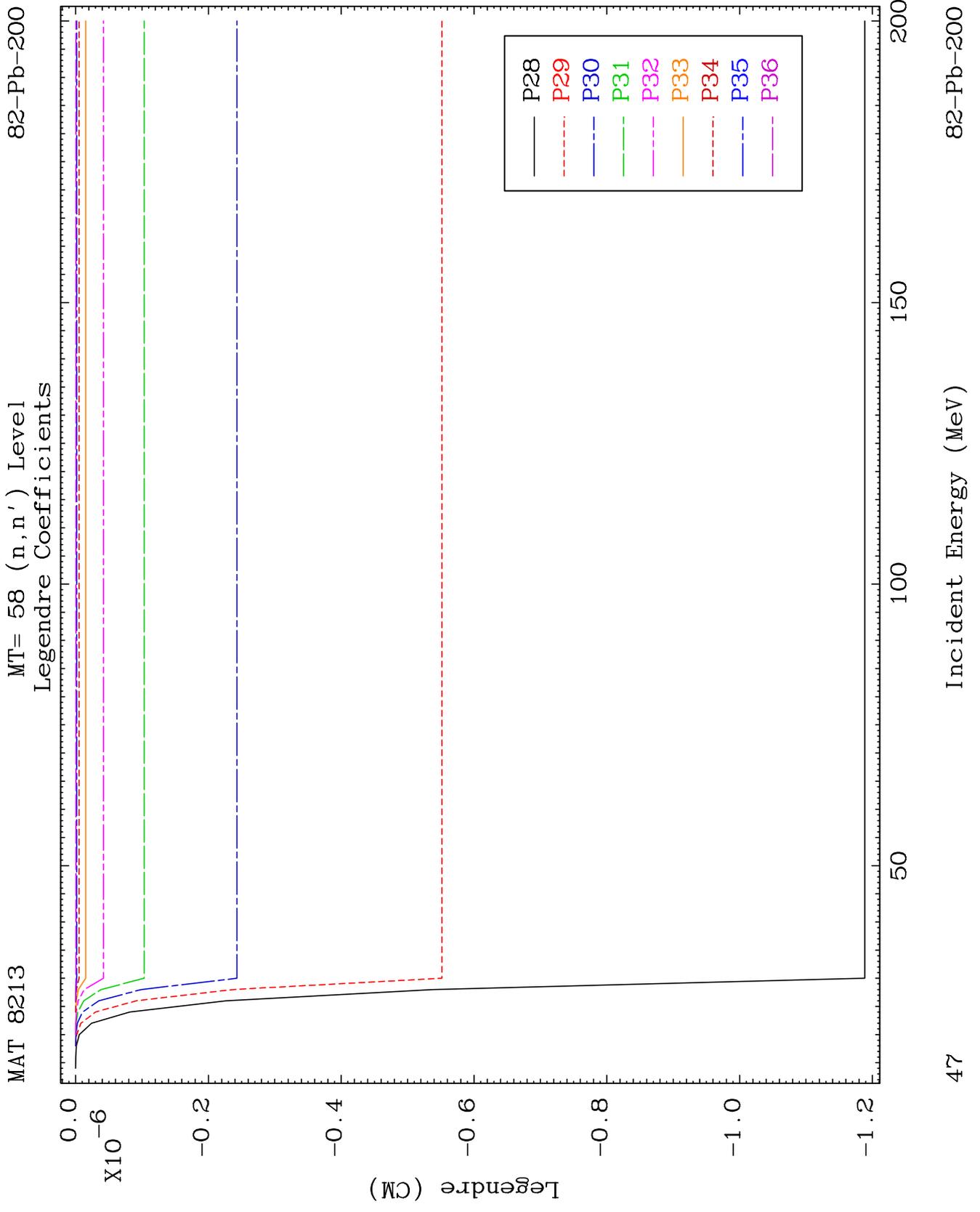
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MAT 8213

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

82-Pb-200

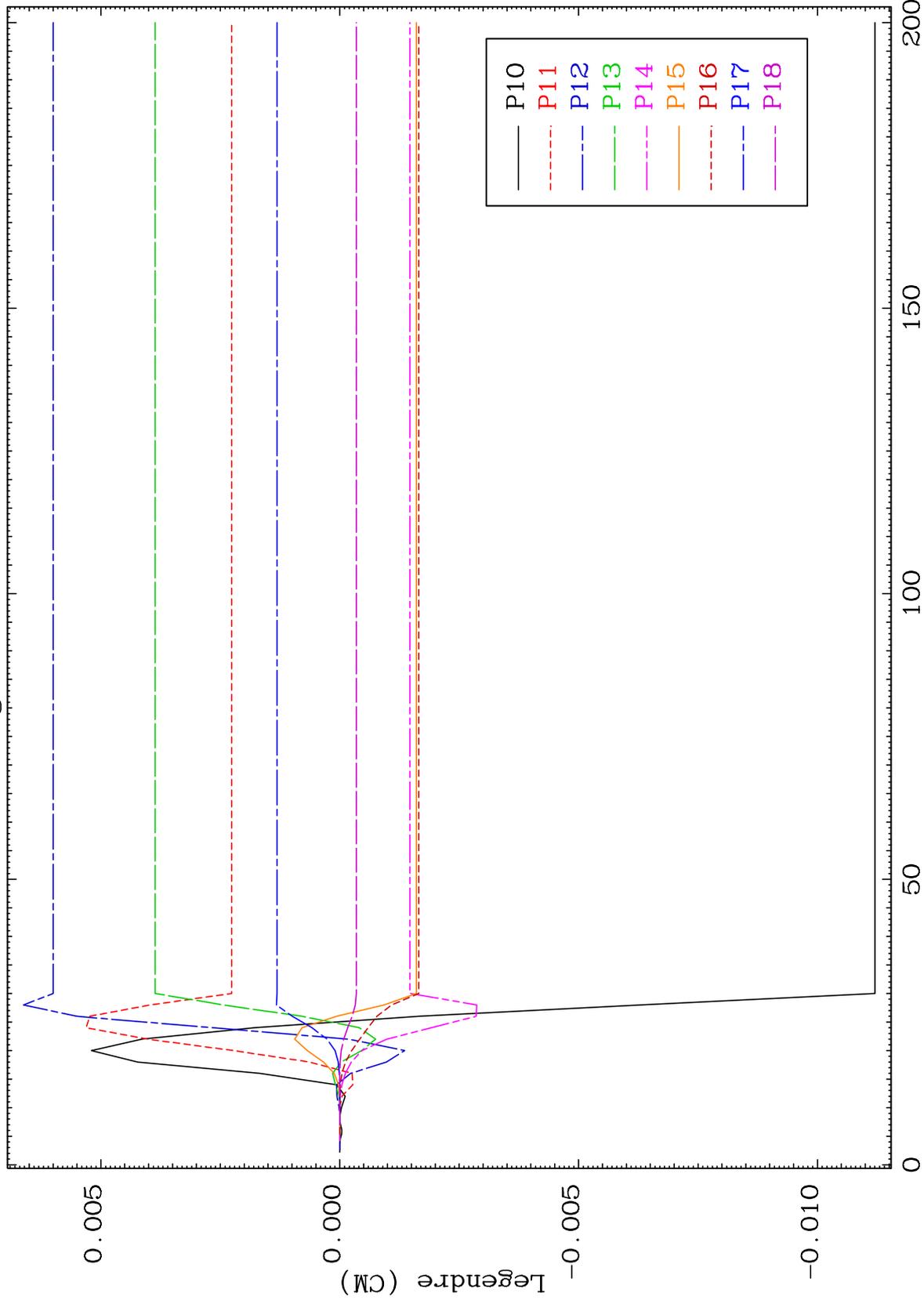




MAT 8213

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

82-Pb-200



49

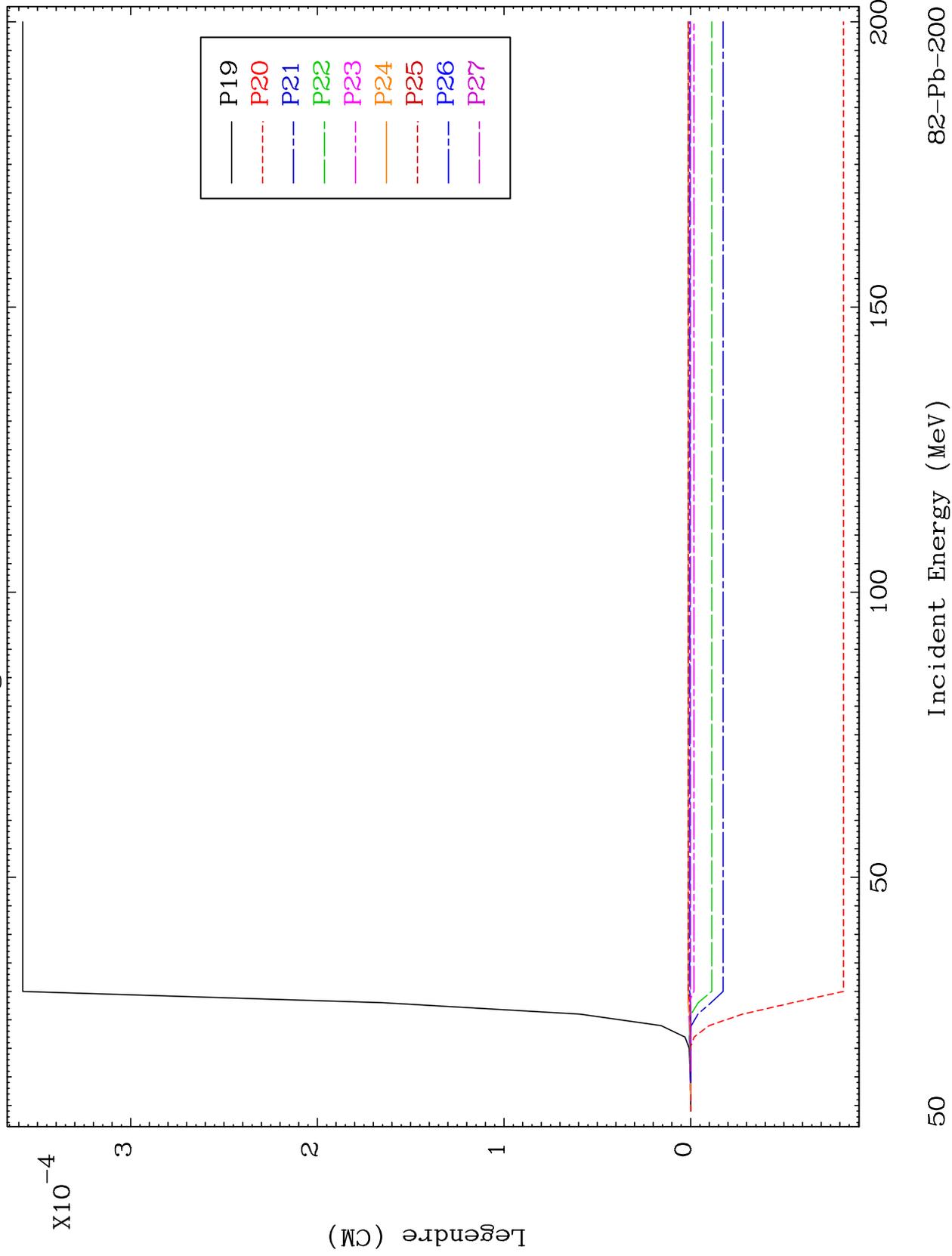
Incident Energy (MeV)

82-Pb-200

MAT 8213

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

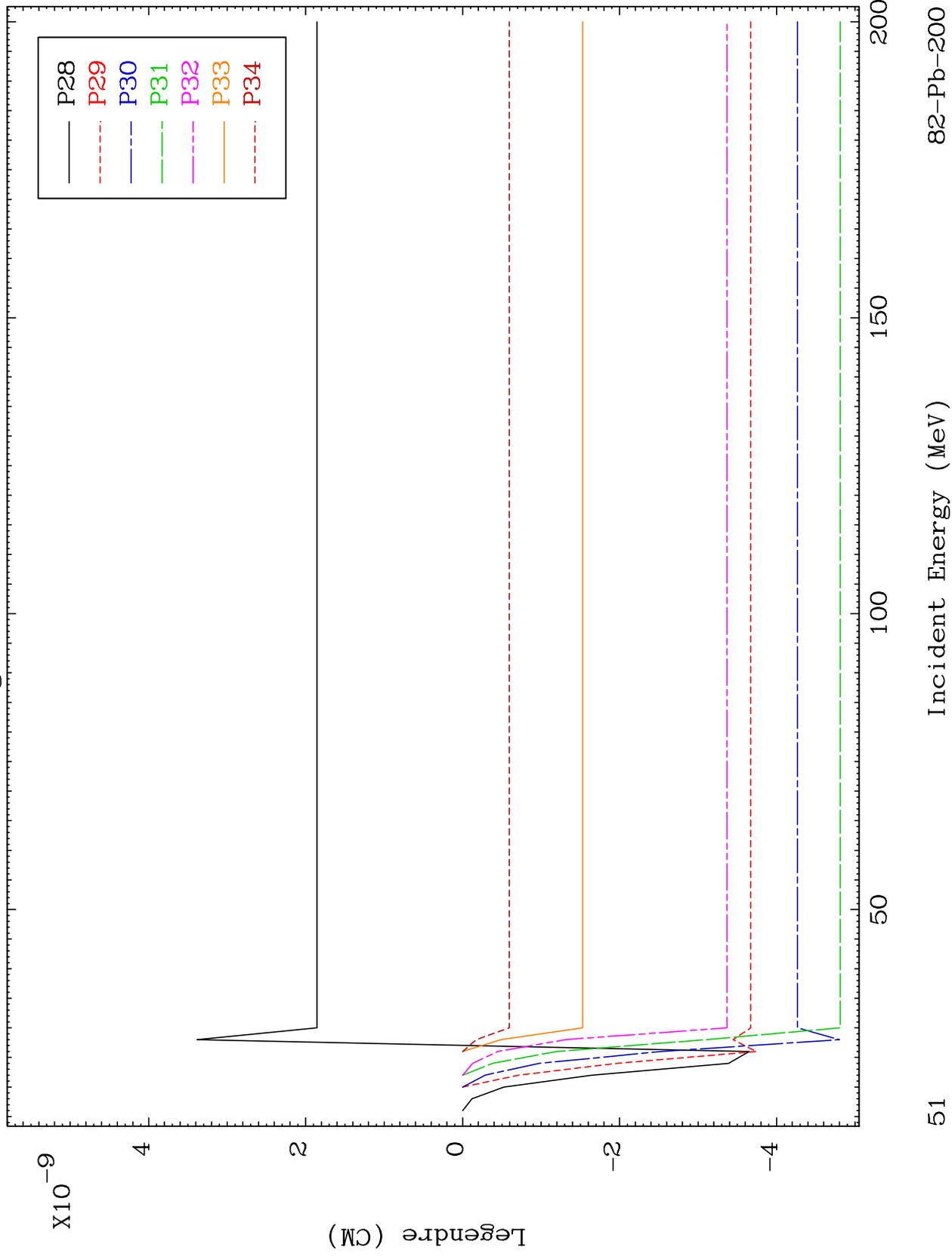
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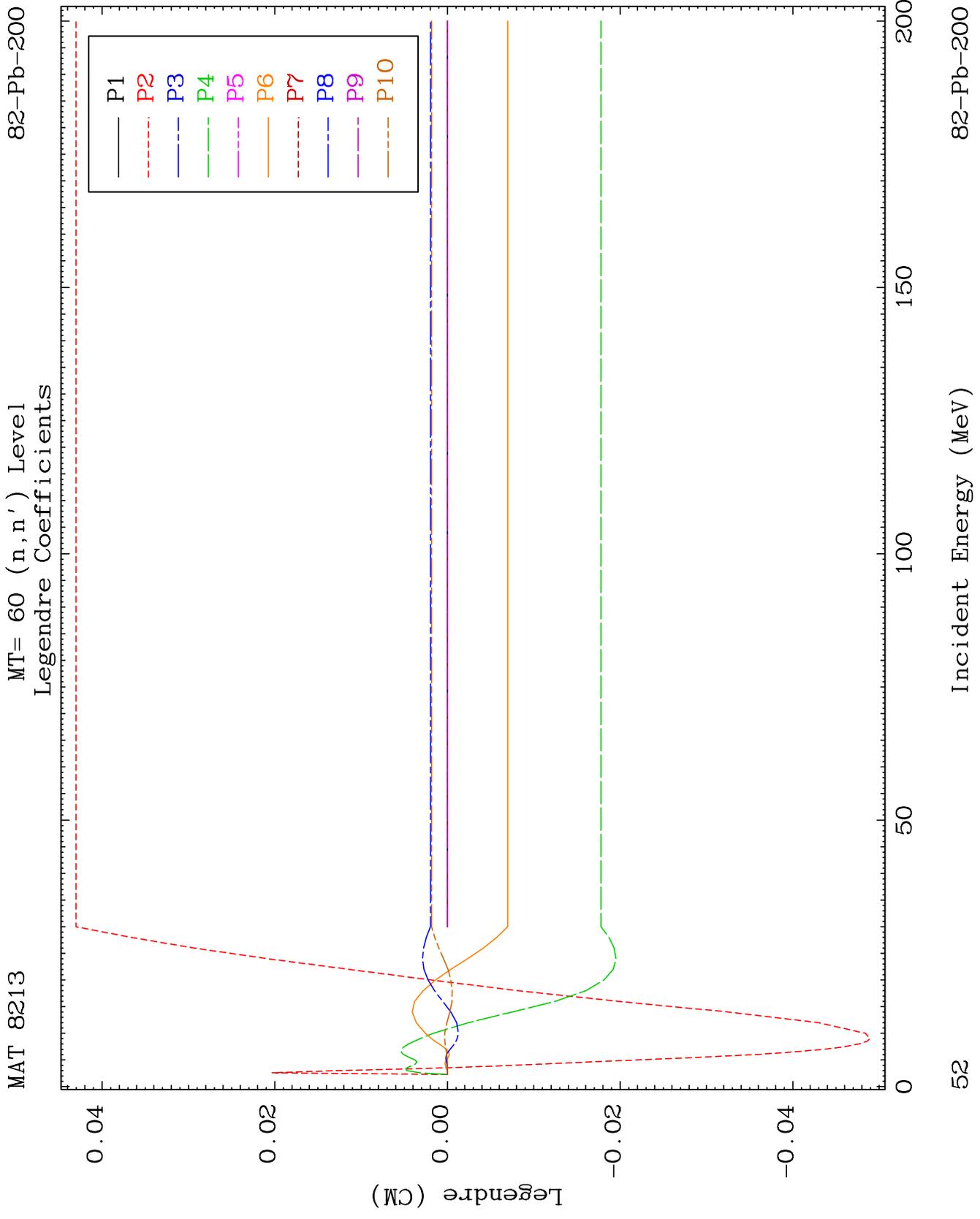
MAT 8213

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

82-Pb-200



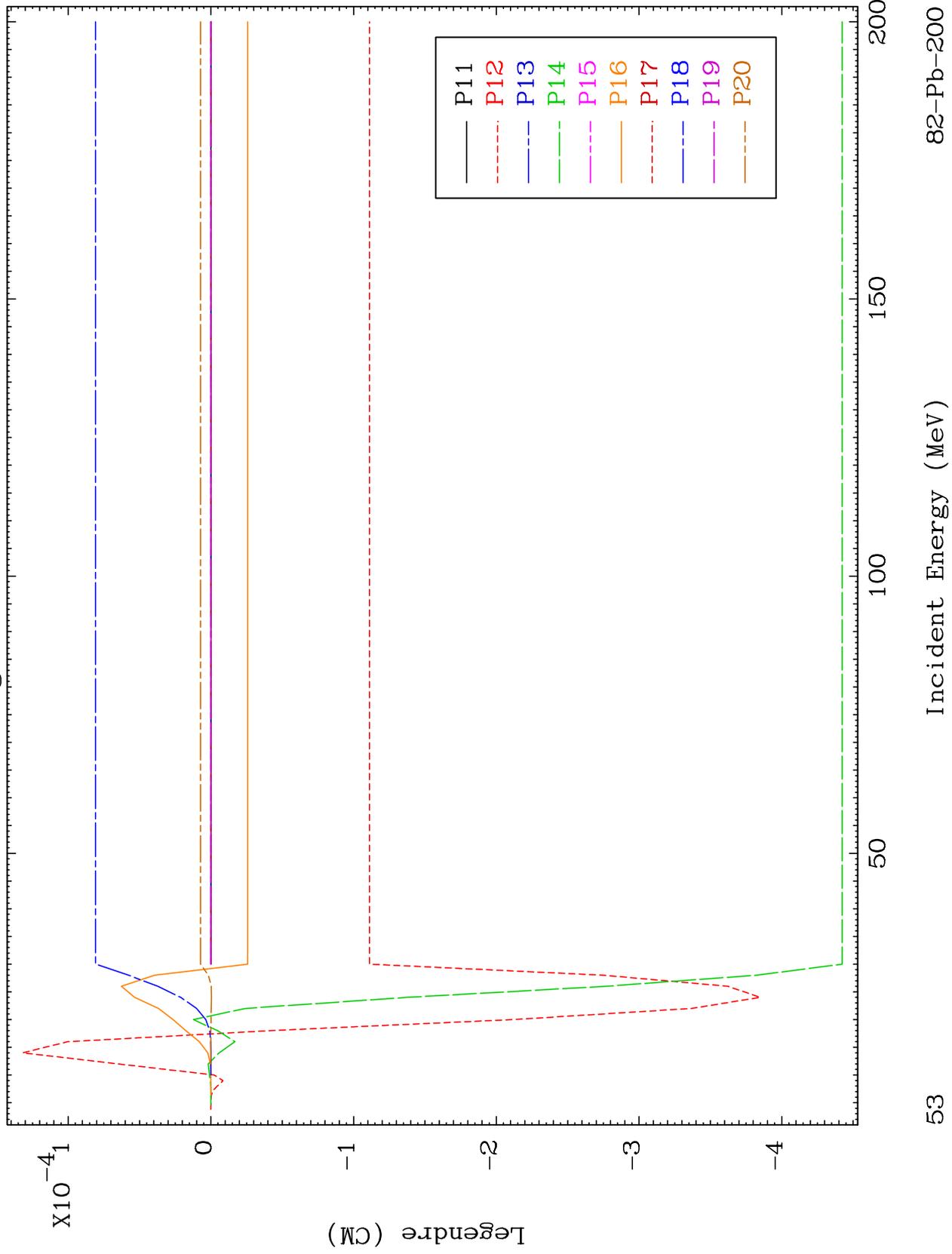
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MAT 8213

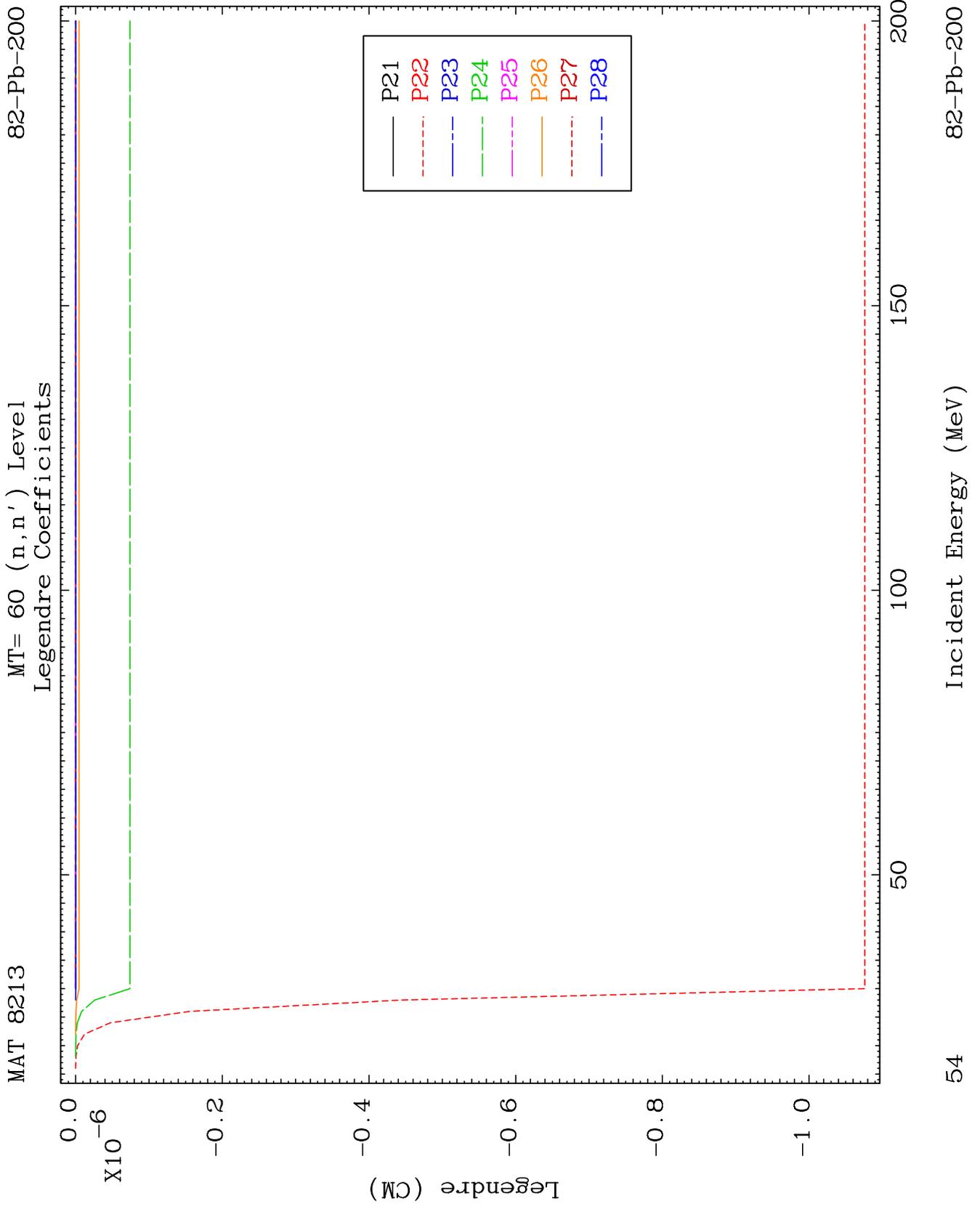
MT= 60 (n,n') Level
Legendre Coefficients

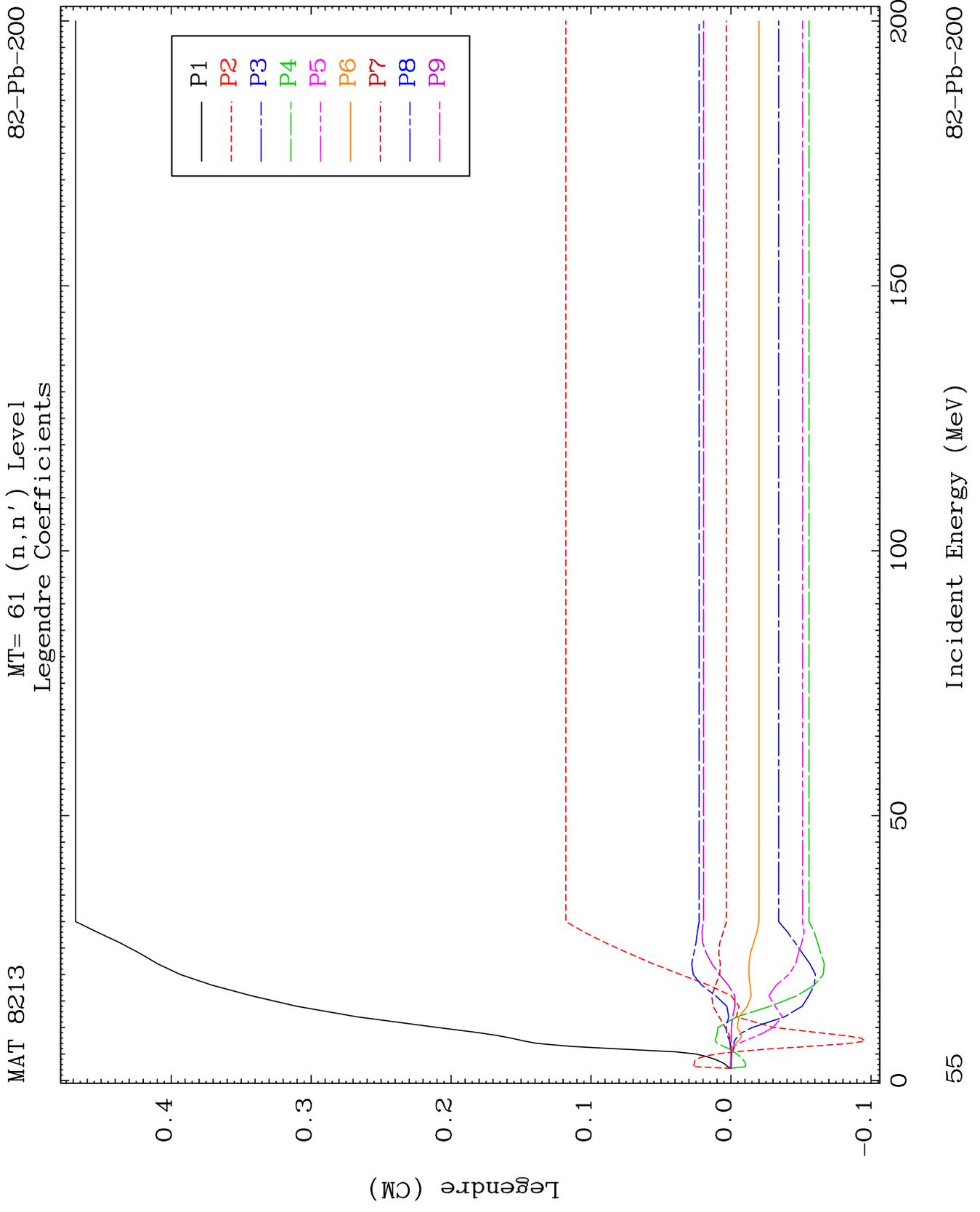
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53

82-Pb-200

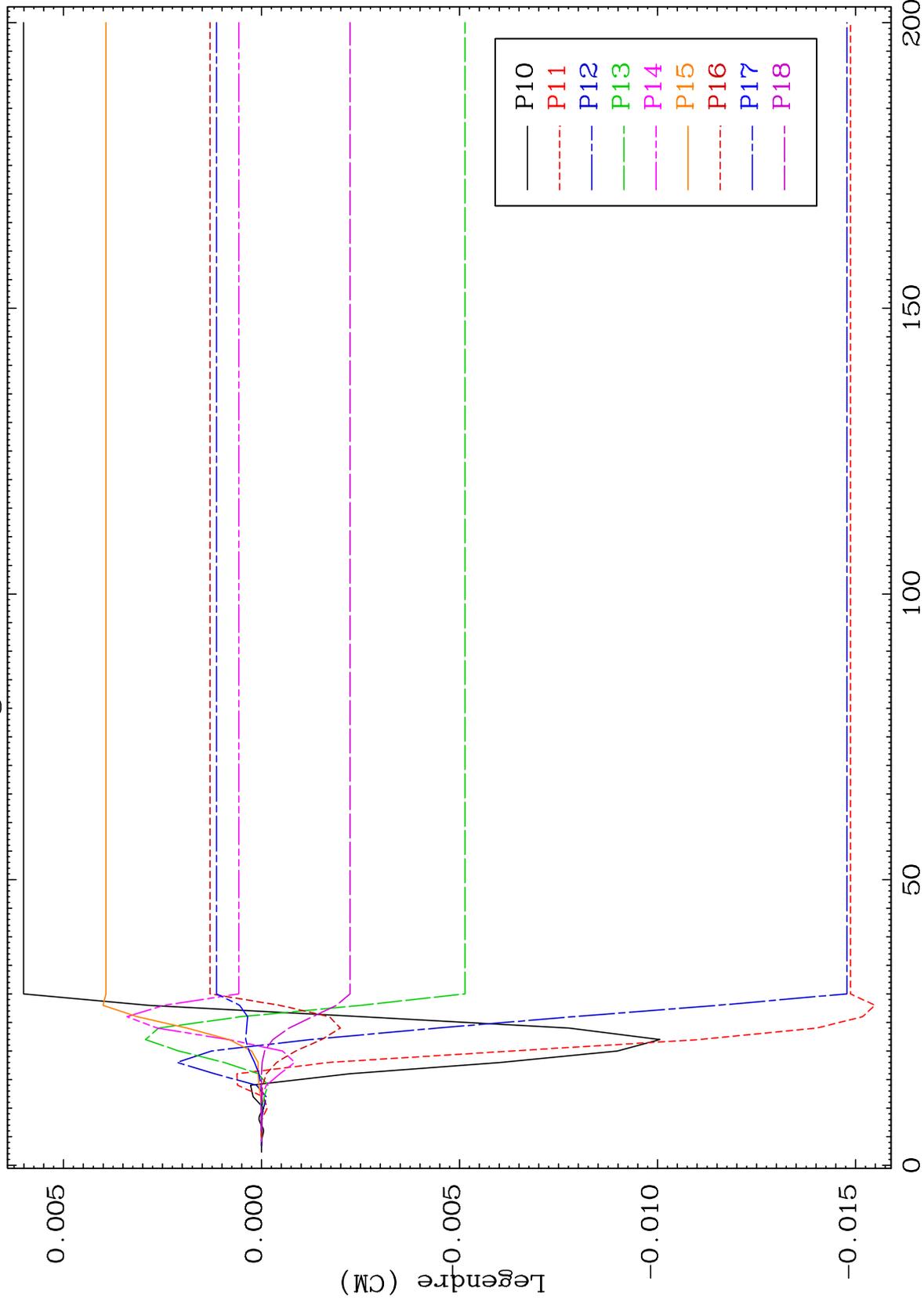




MAT 8213

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

82-Pb-200



56

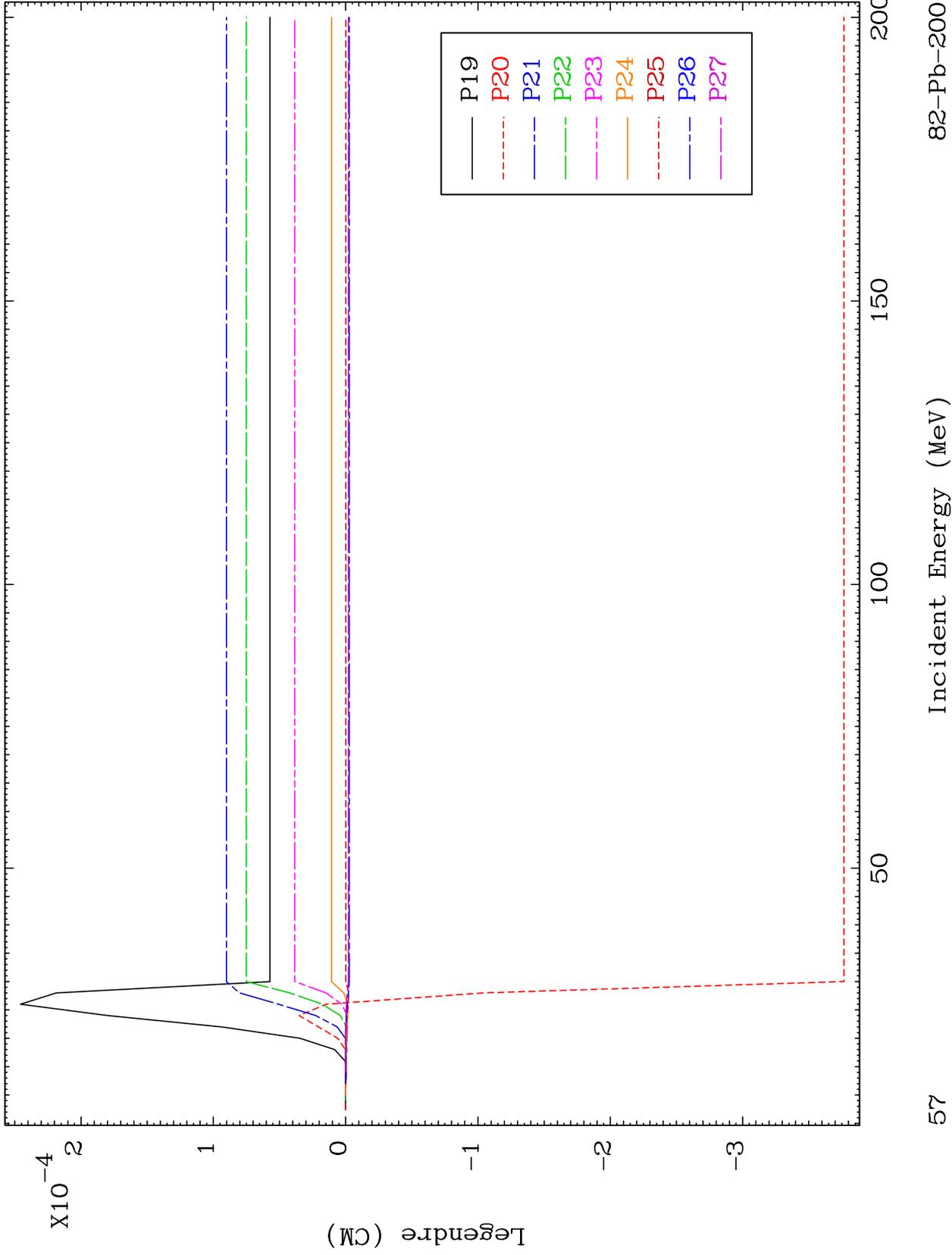
Incident Energy (MeV)

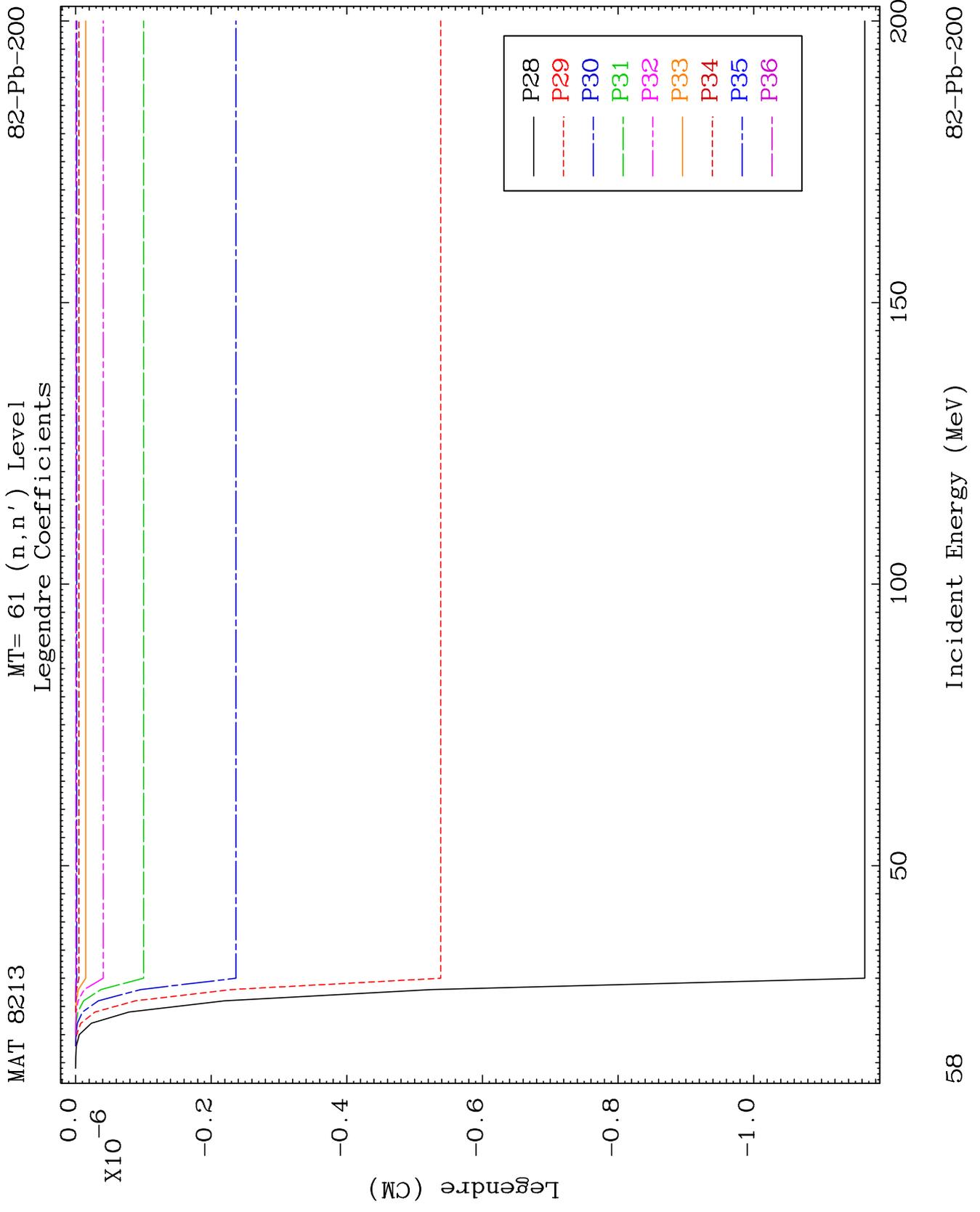
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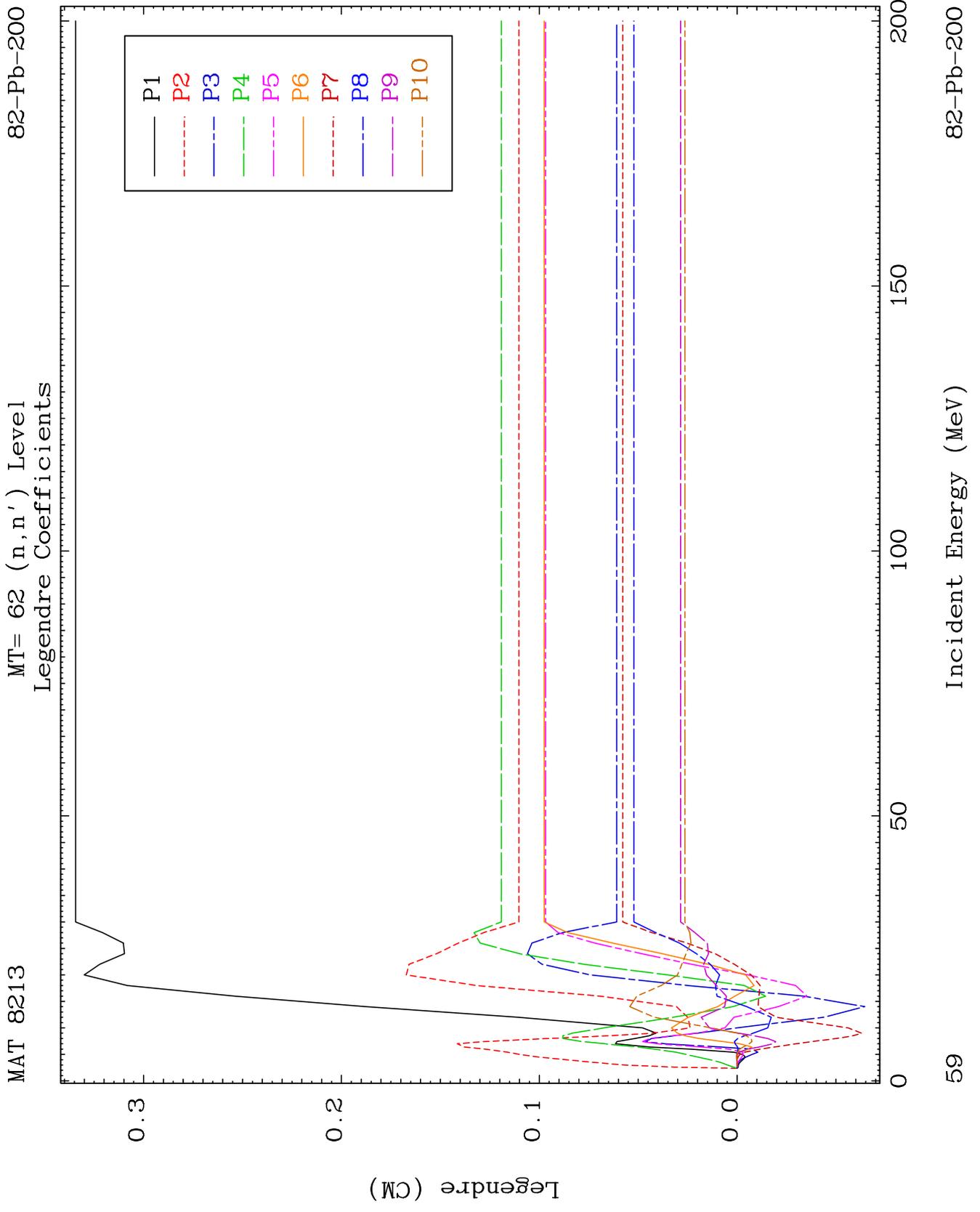
MAT 8213

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

82-Pb-200



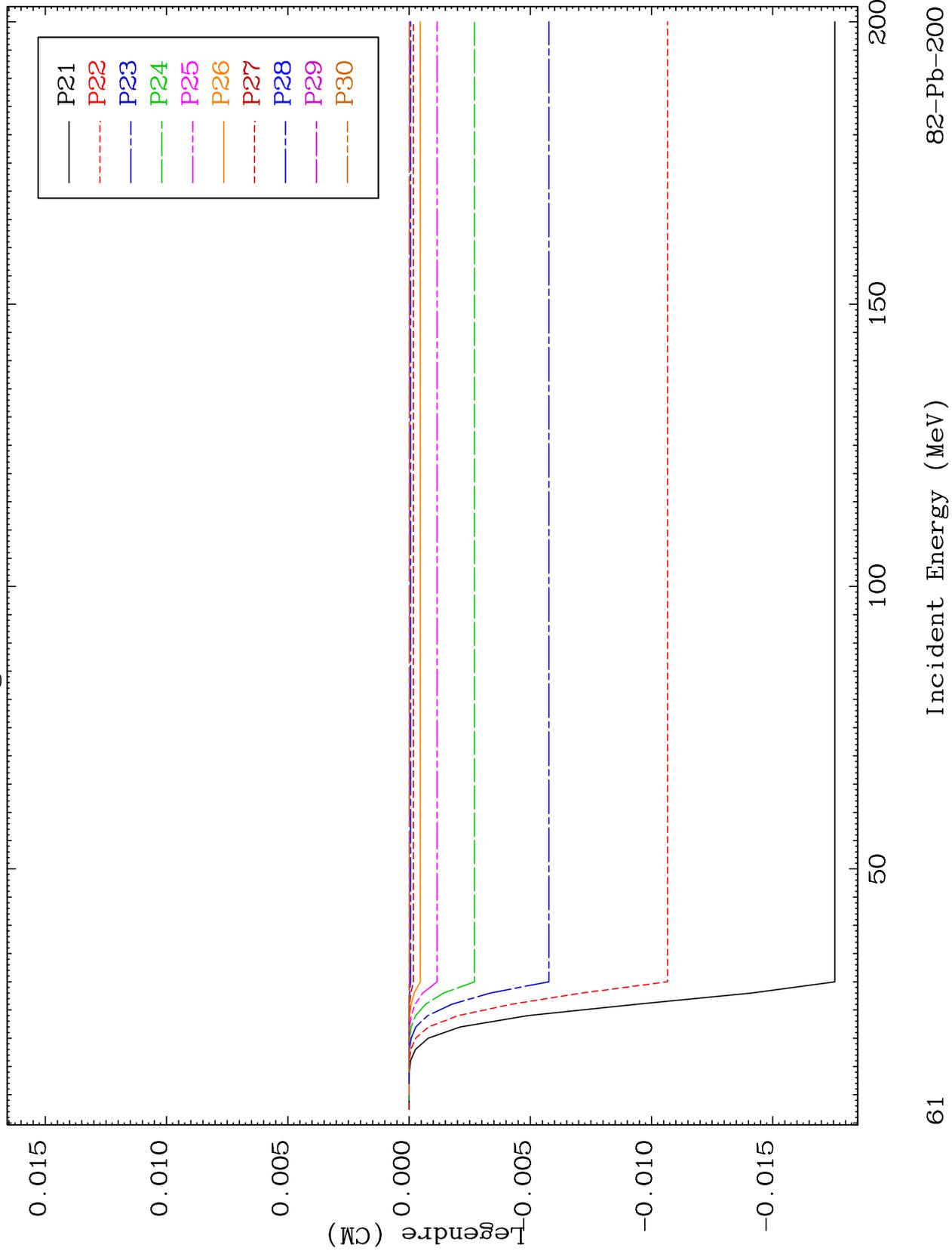




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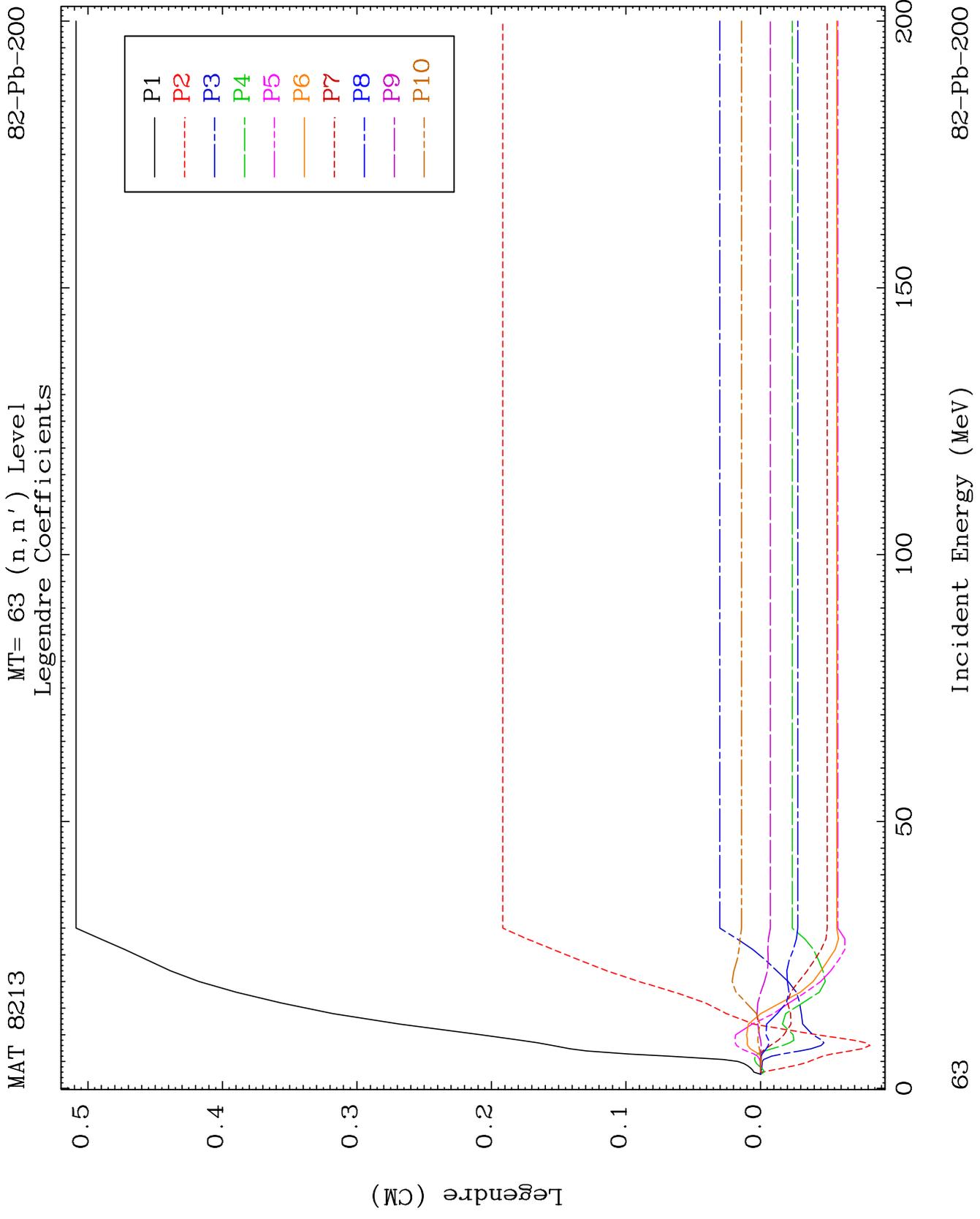
MT= 62 (n,n') Level
Legendre Coefficients

82-Pb-200



61

82-Pb-200

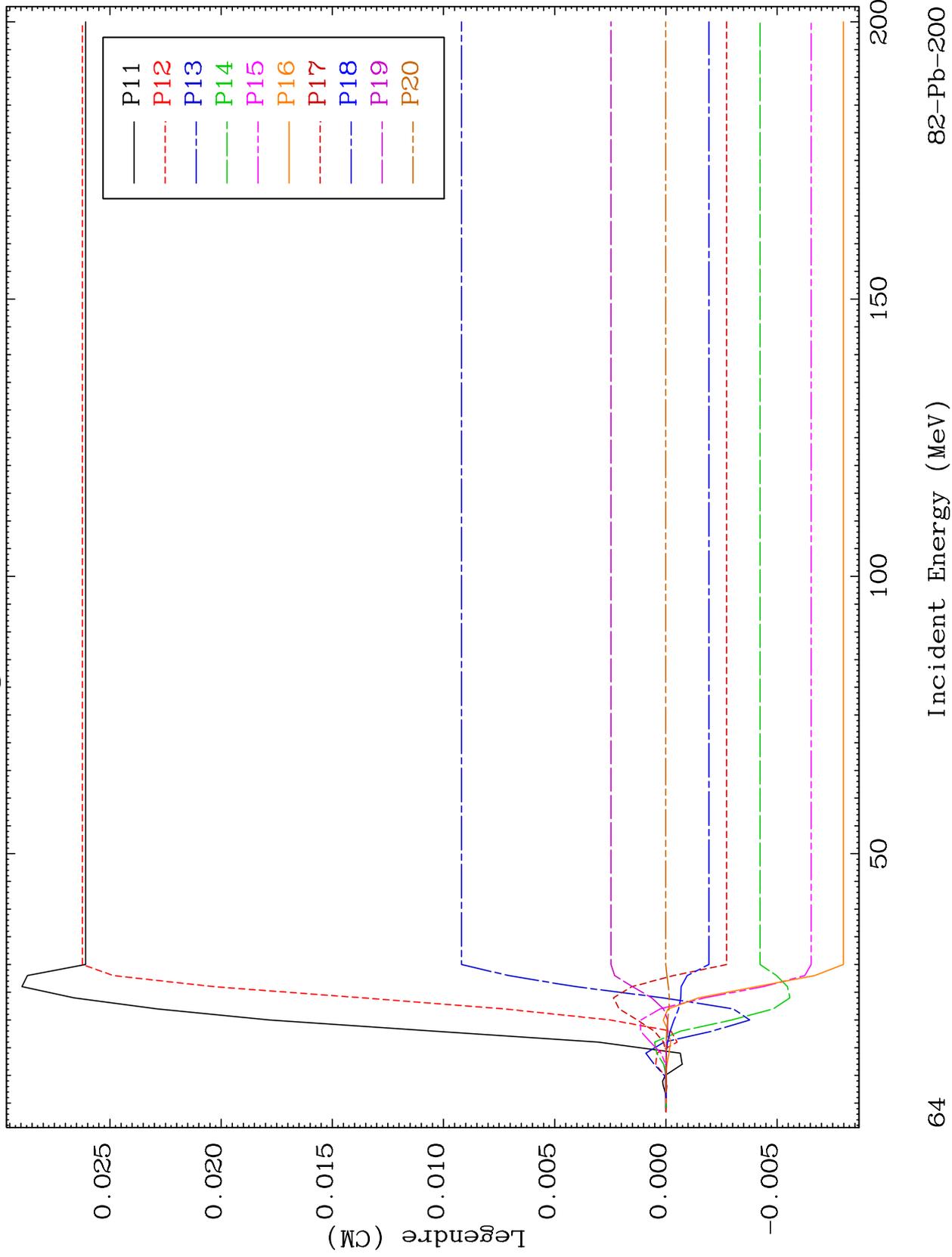


MAT 8213

MT= 63 (n,n') Level

82-Pb-200

Legendre Coefficients



64

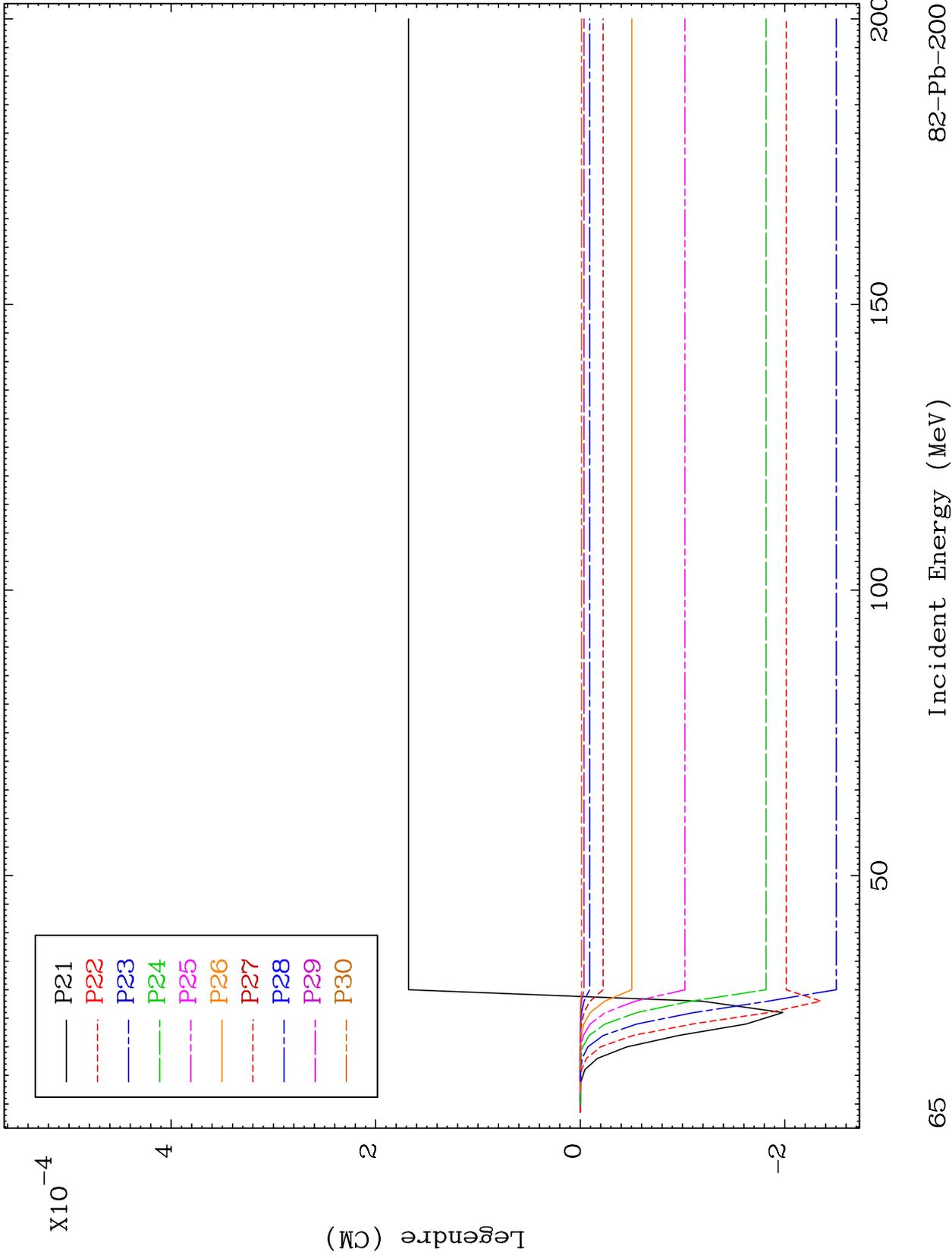
Incident Energy (MeV)

82-Pb-200

MAT 8213

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

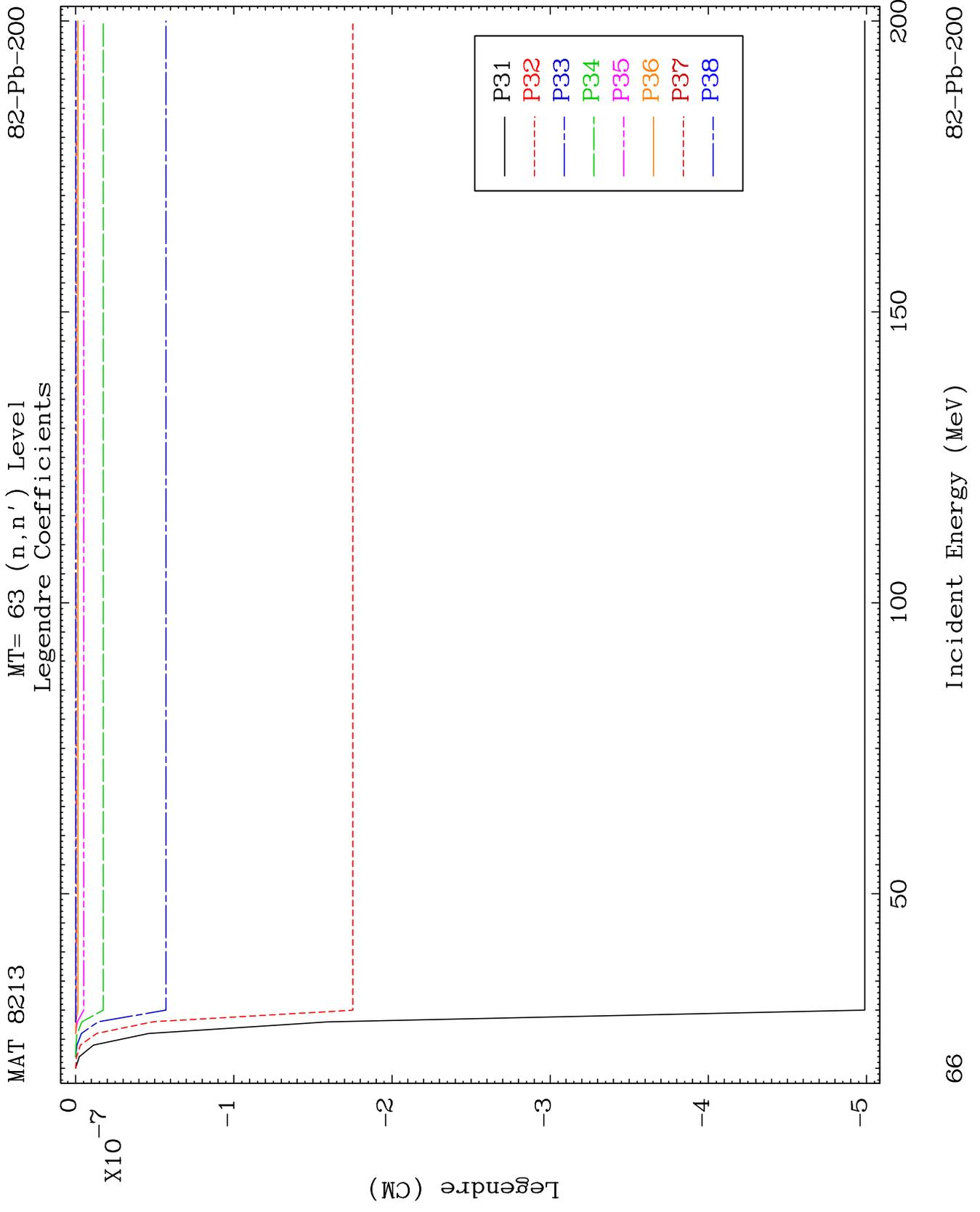
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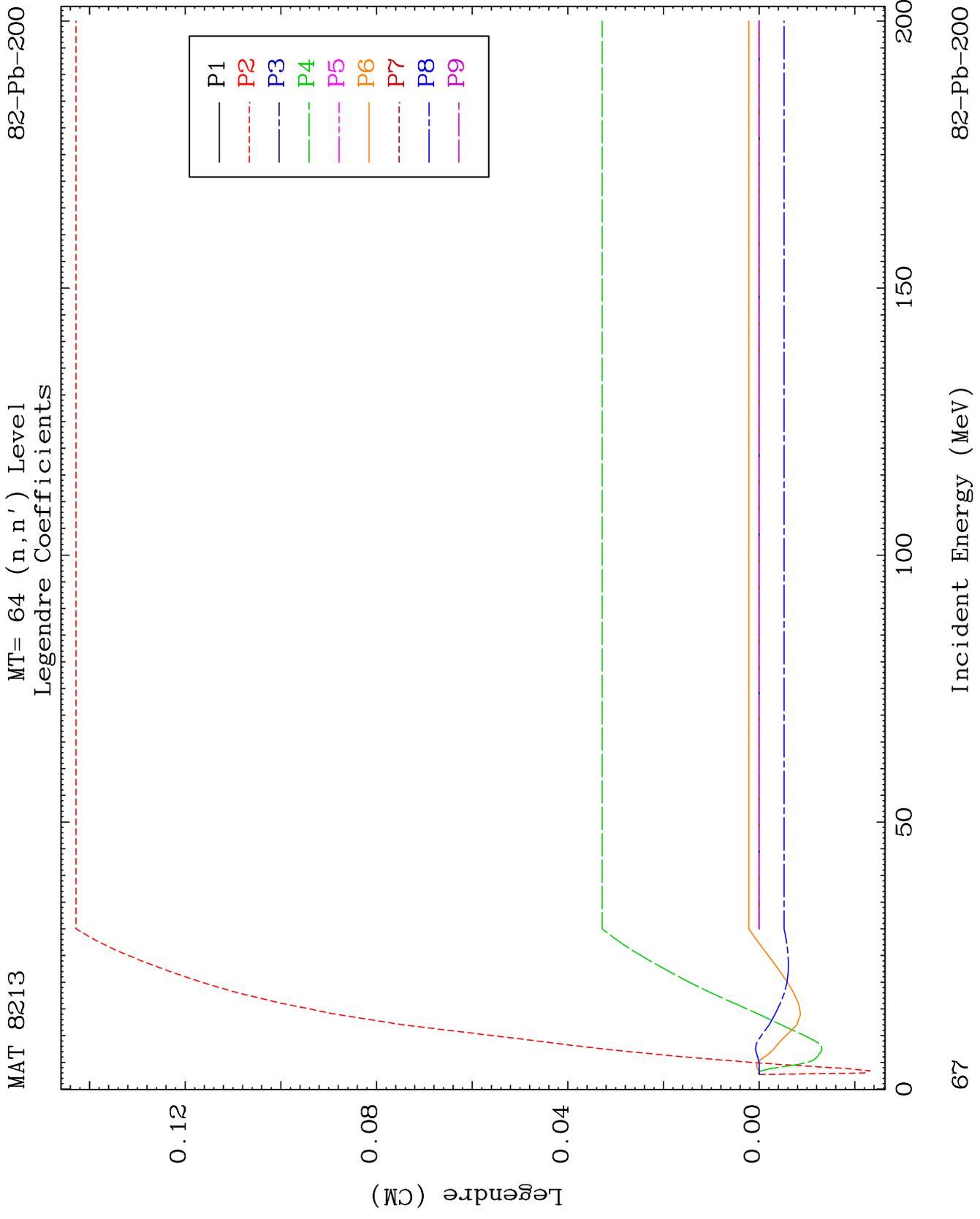


65

Incident Energy (MeV)

82-Pb-200

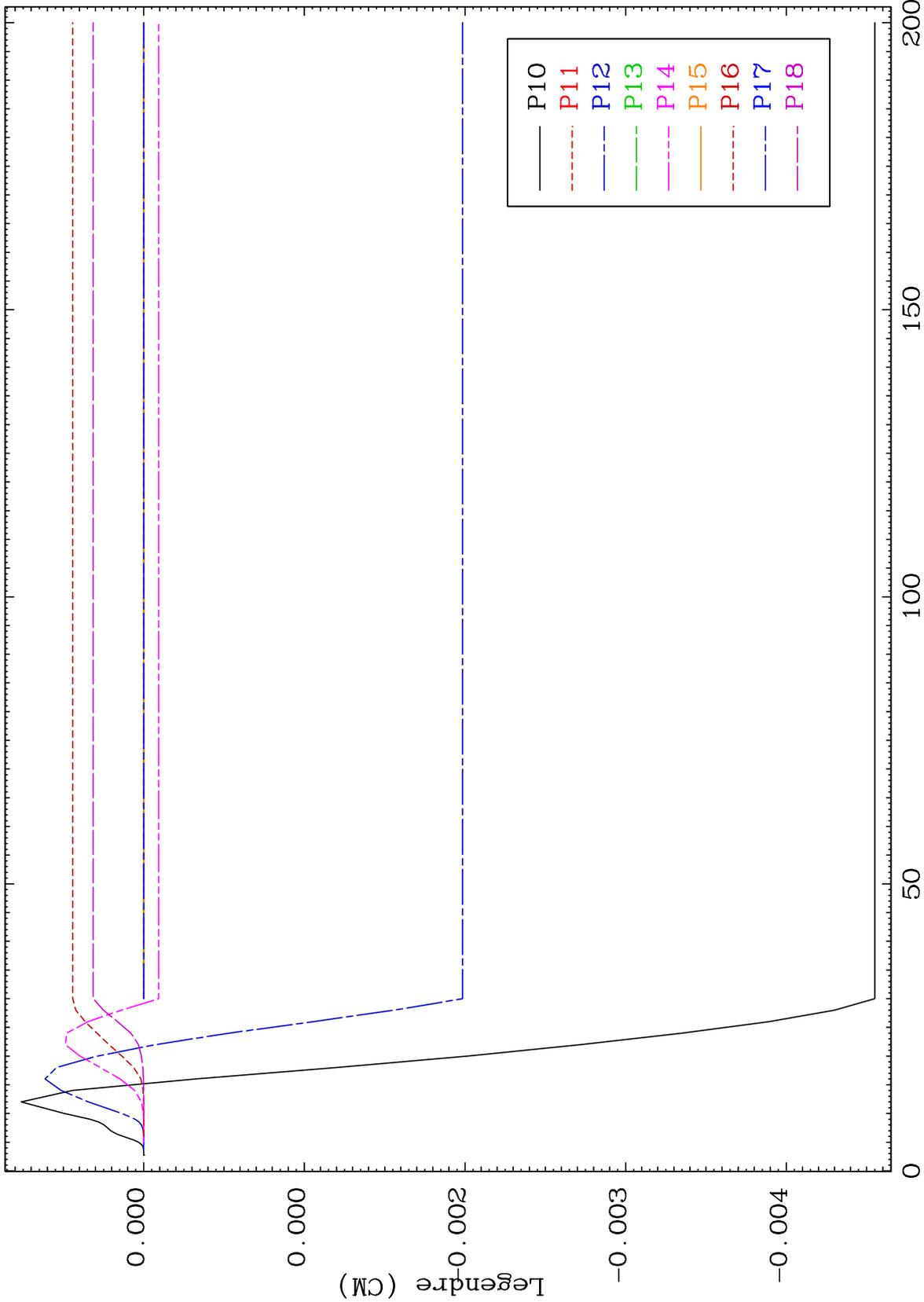




MAT 8213

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

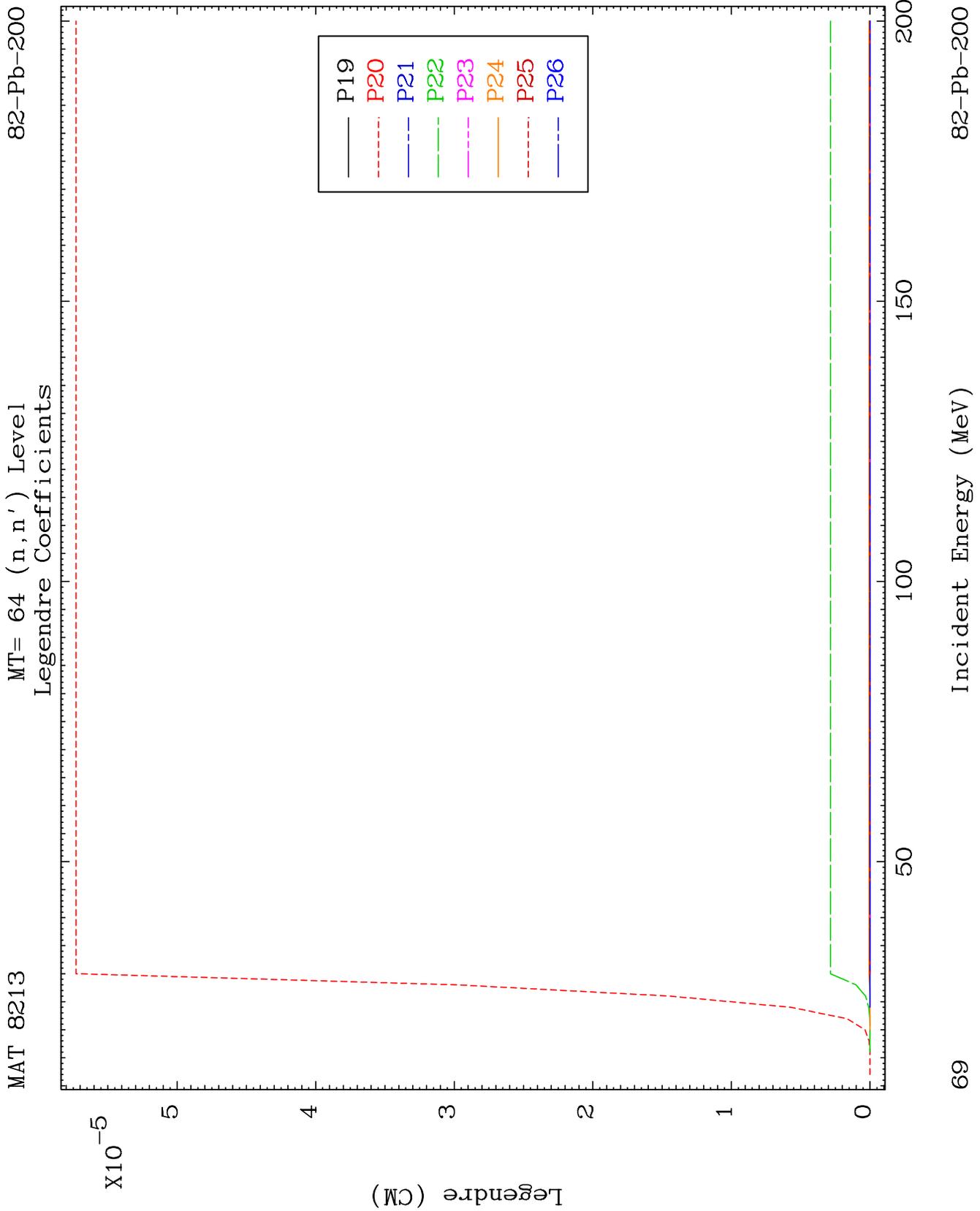
82-Pb-200



68

Incident Energy (MeV)

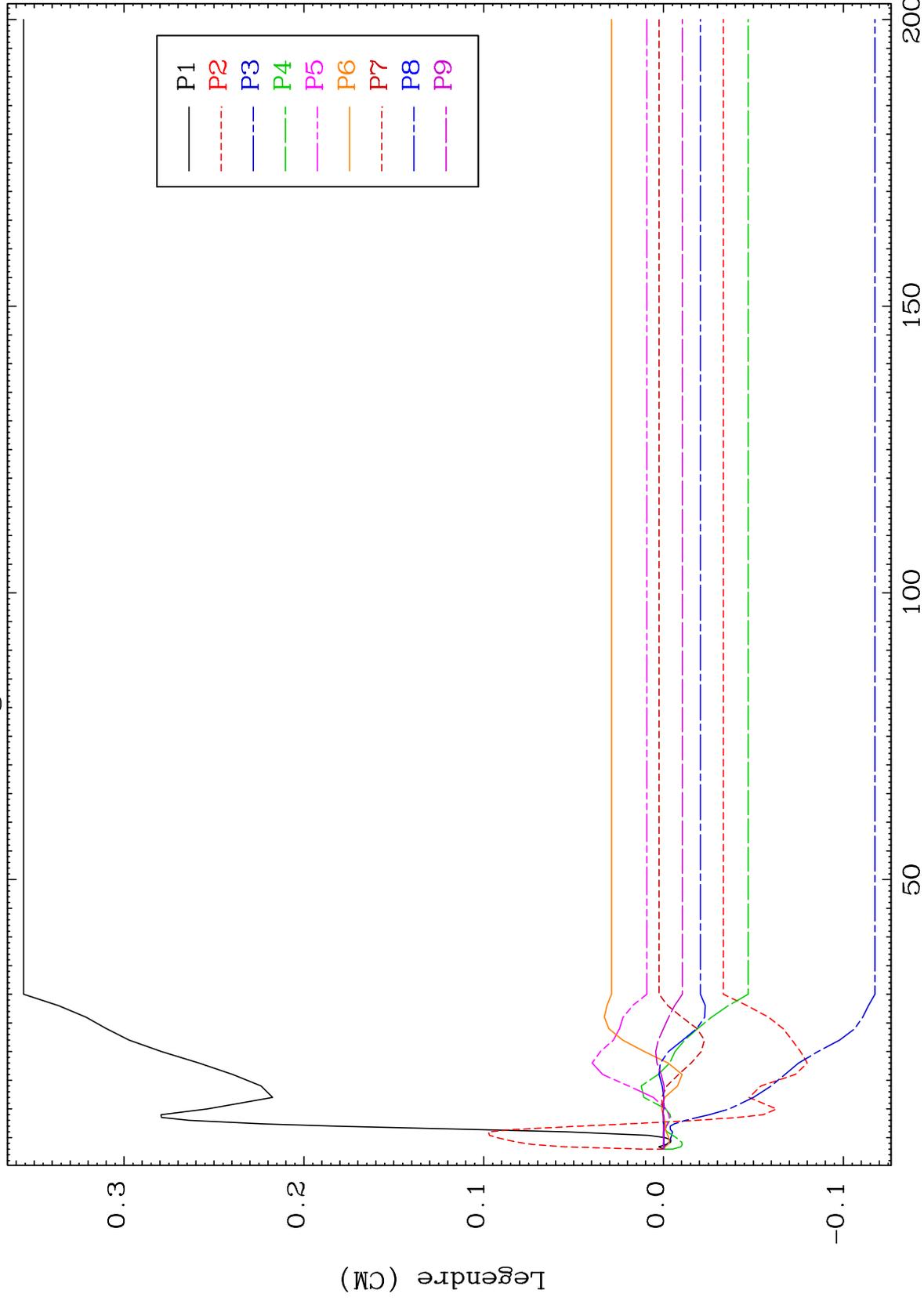
82-Pb-200



MAT 8213

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

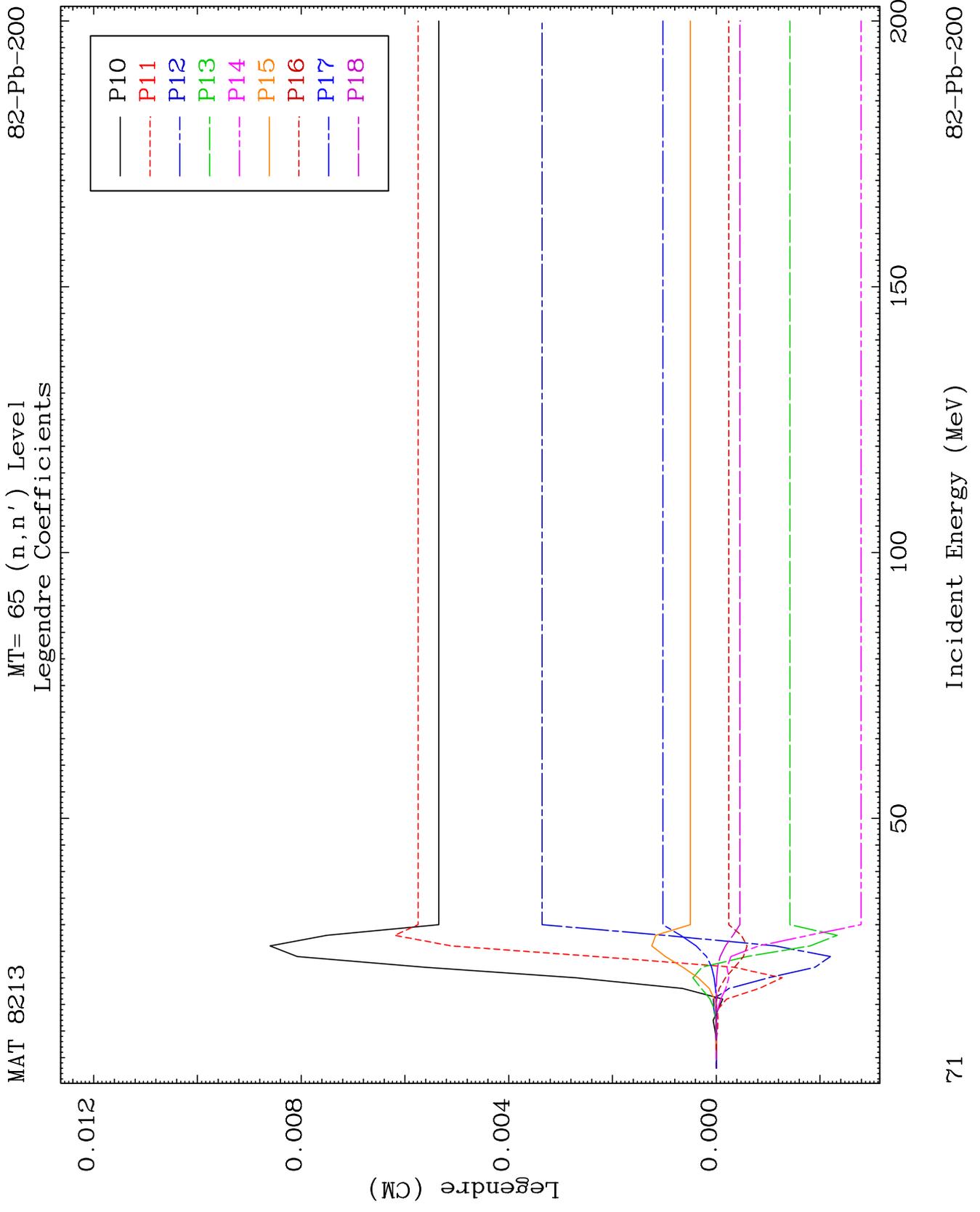
82-Pb-200



70

Incident Energy (MeV)

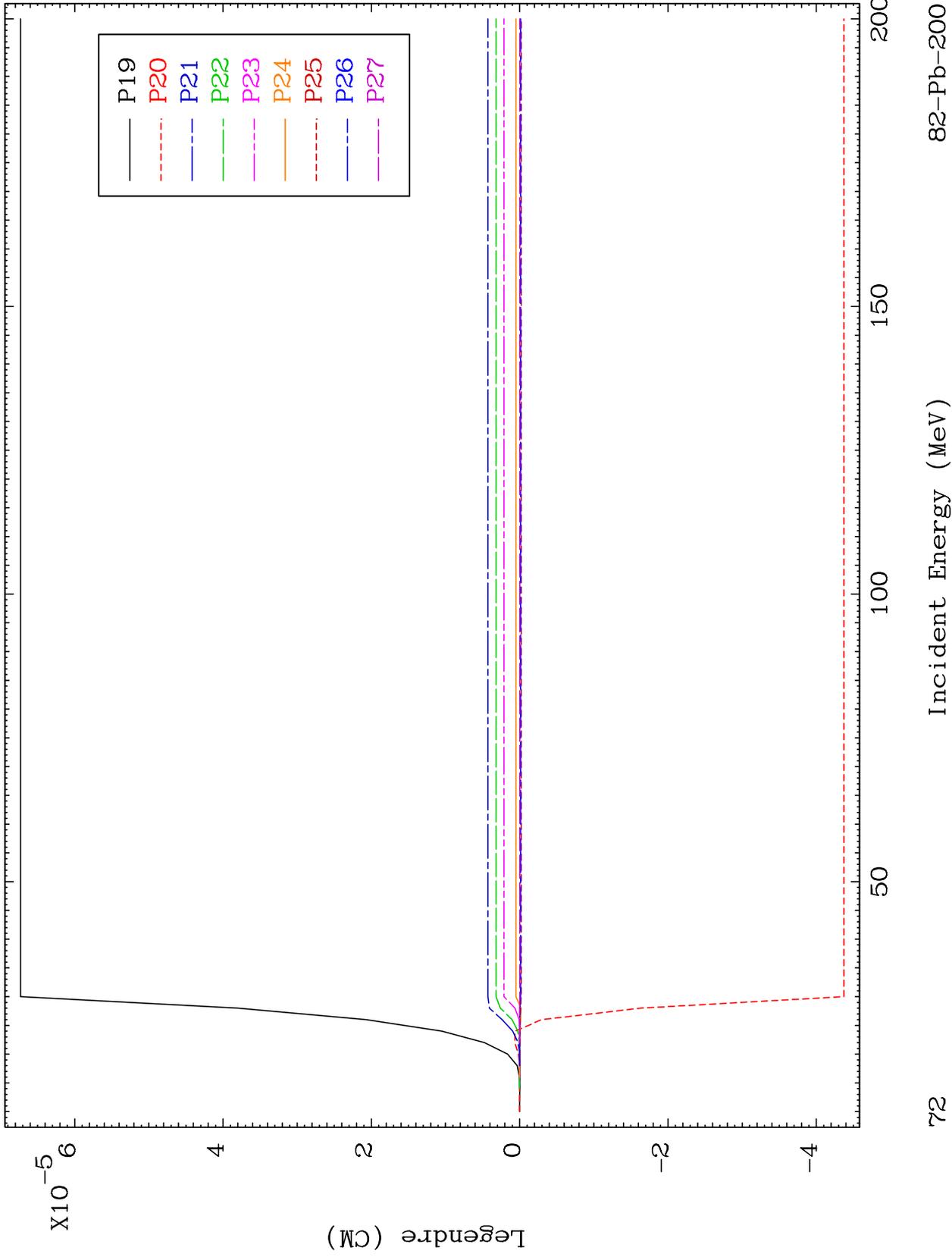
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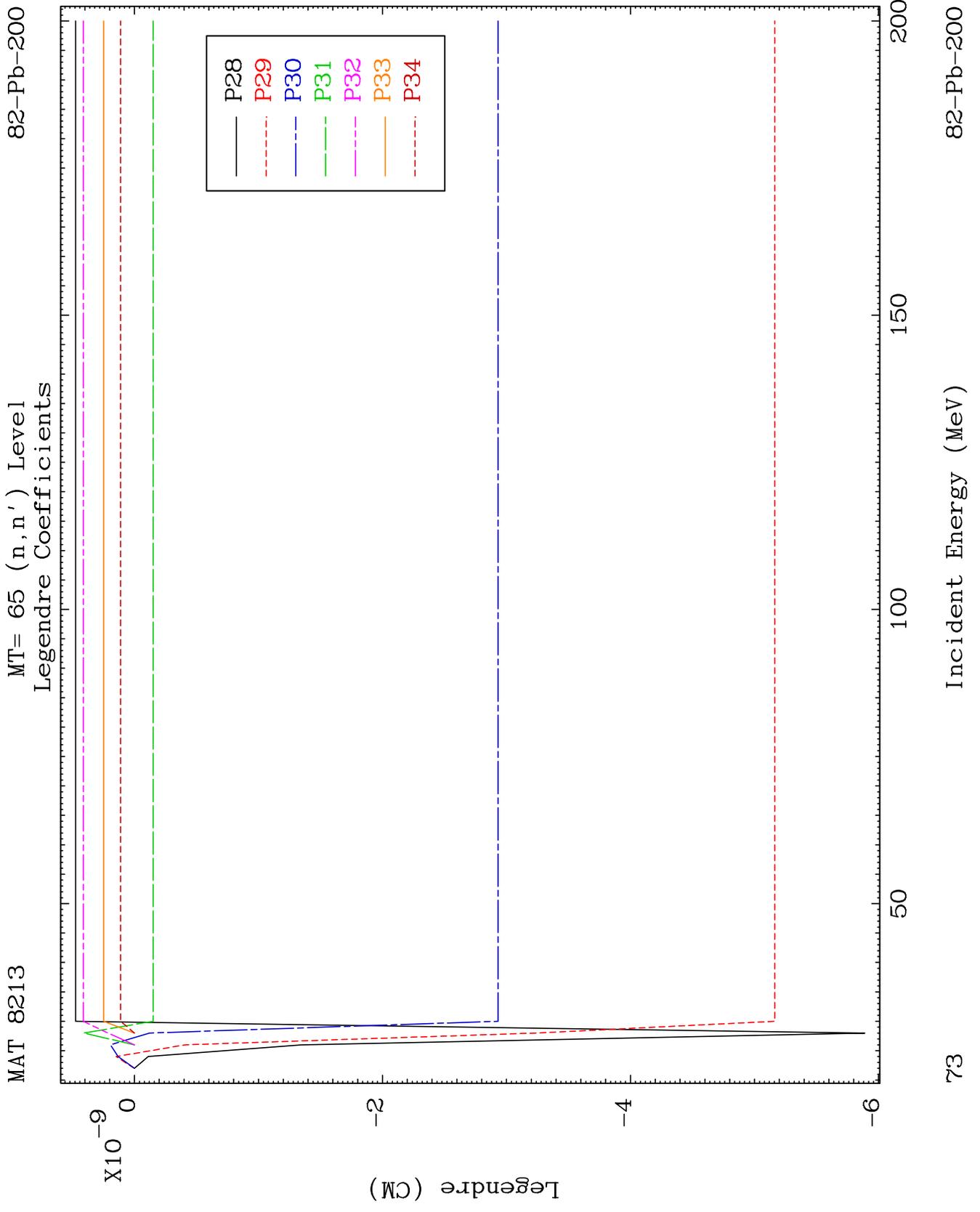


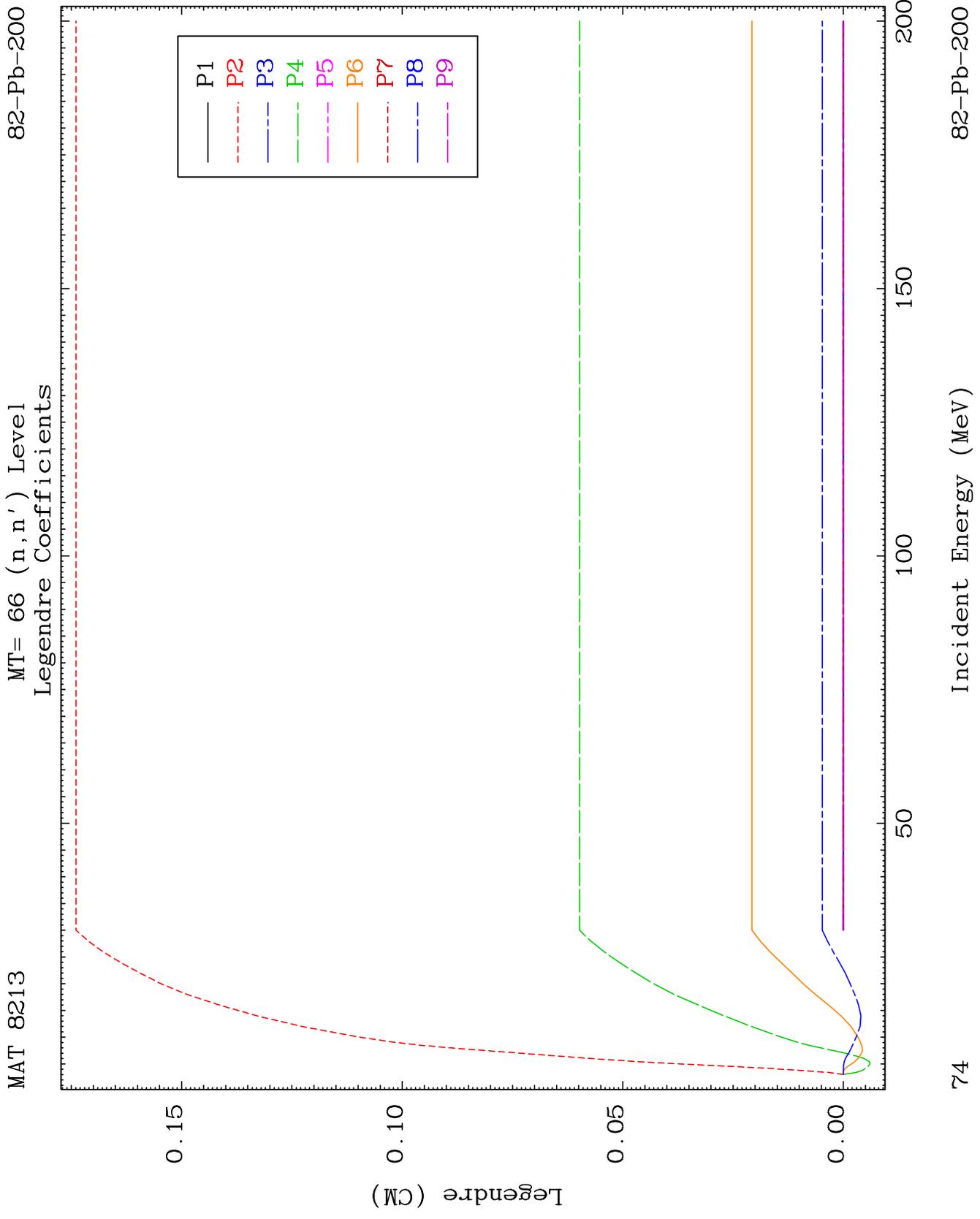
MAT 8213

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

82-Pb-200



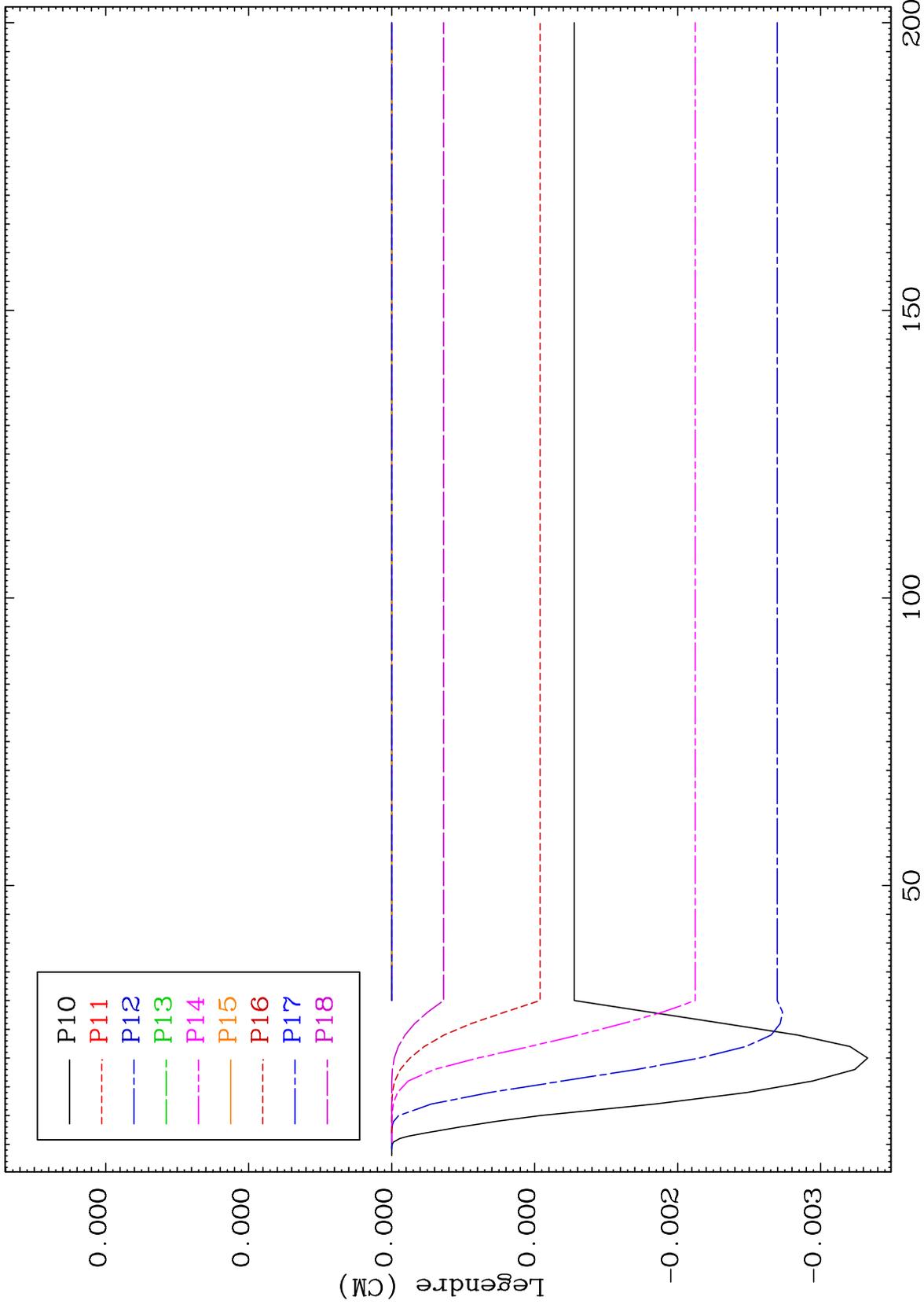




MAT 8213

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

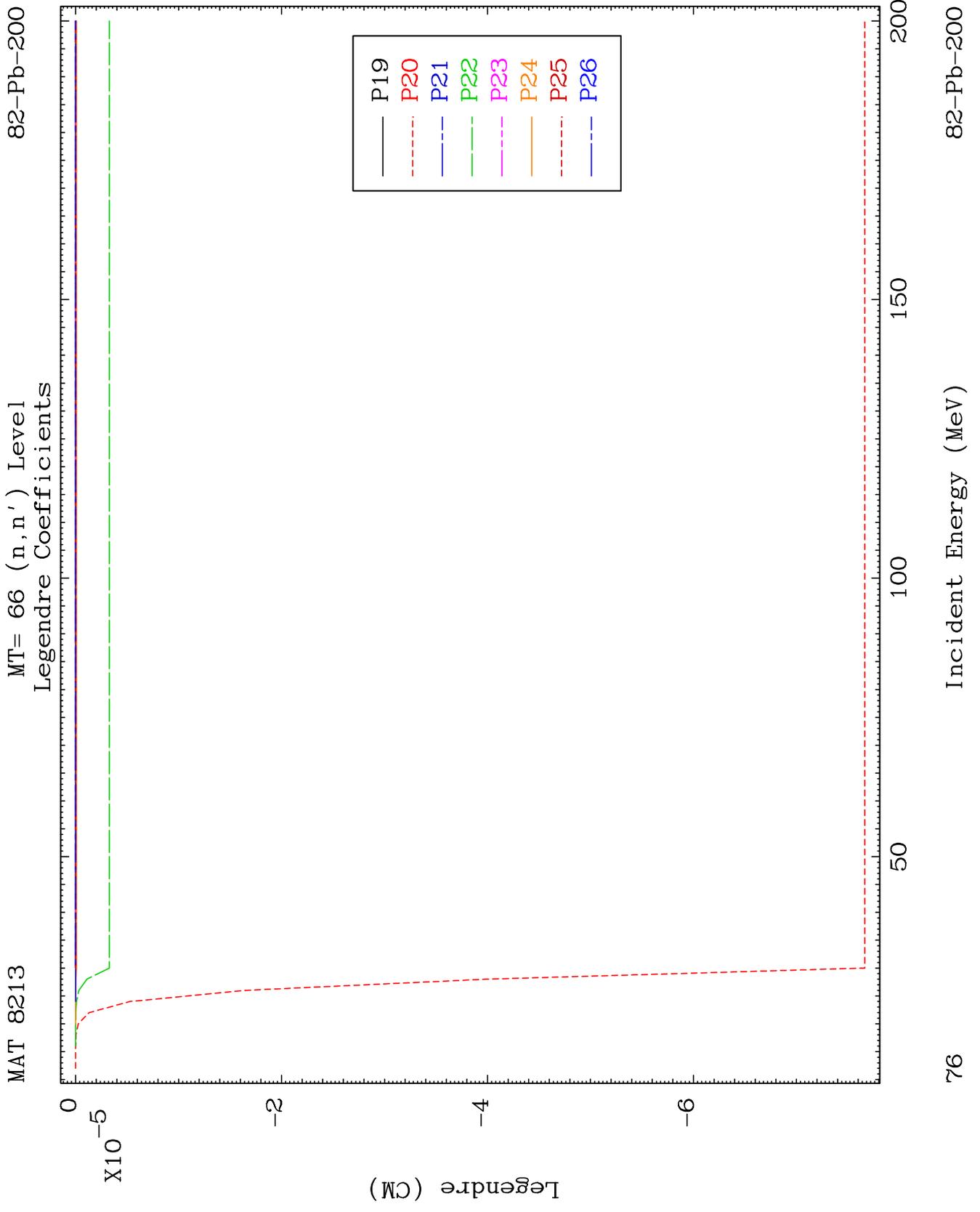
82-Pb-200



75

Incident Energy (MeV)

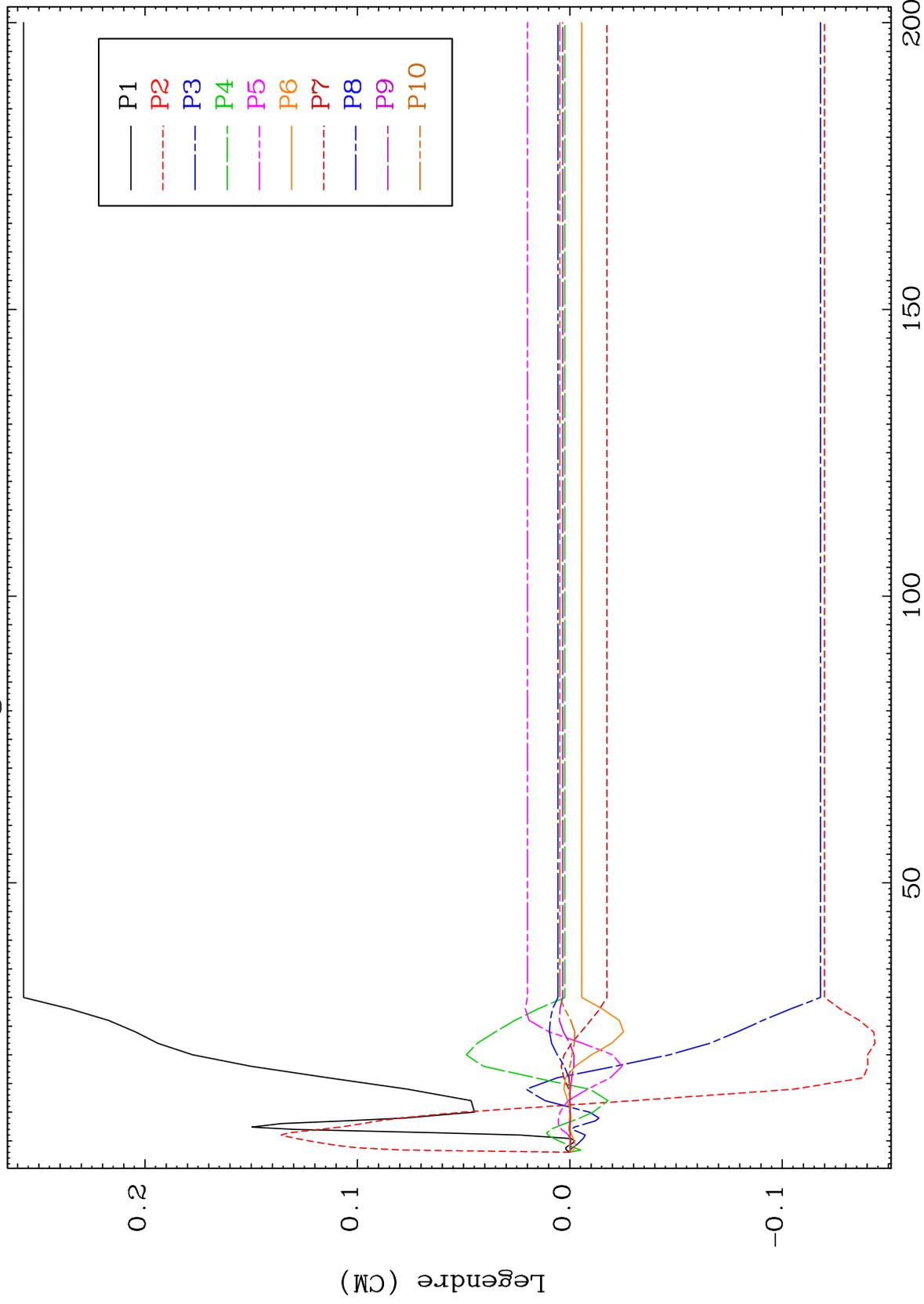
82-Pb-200



MAT 8213

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

82-Pb-200



77

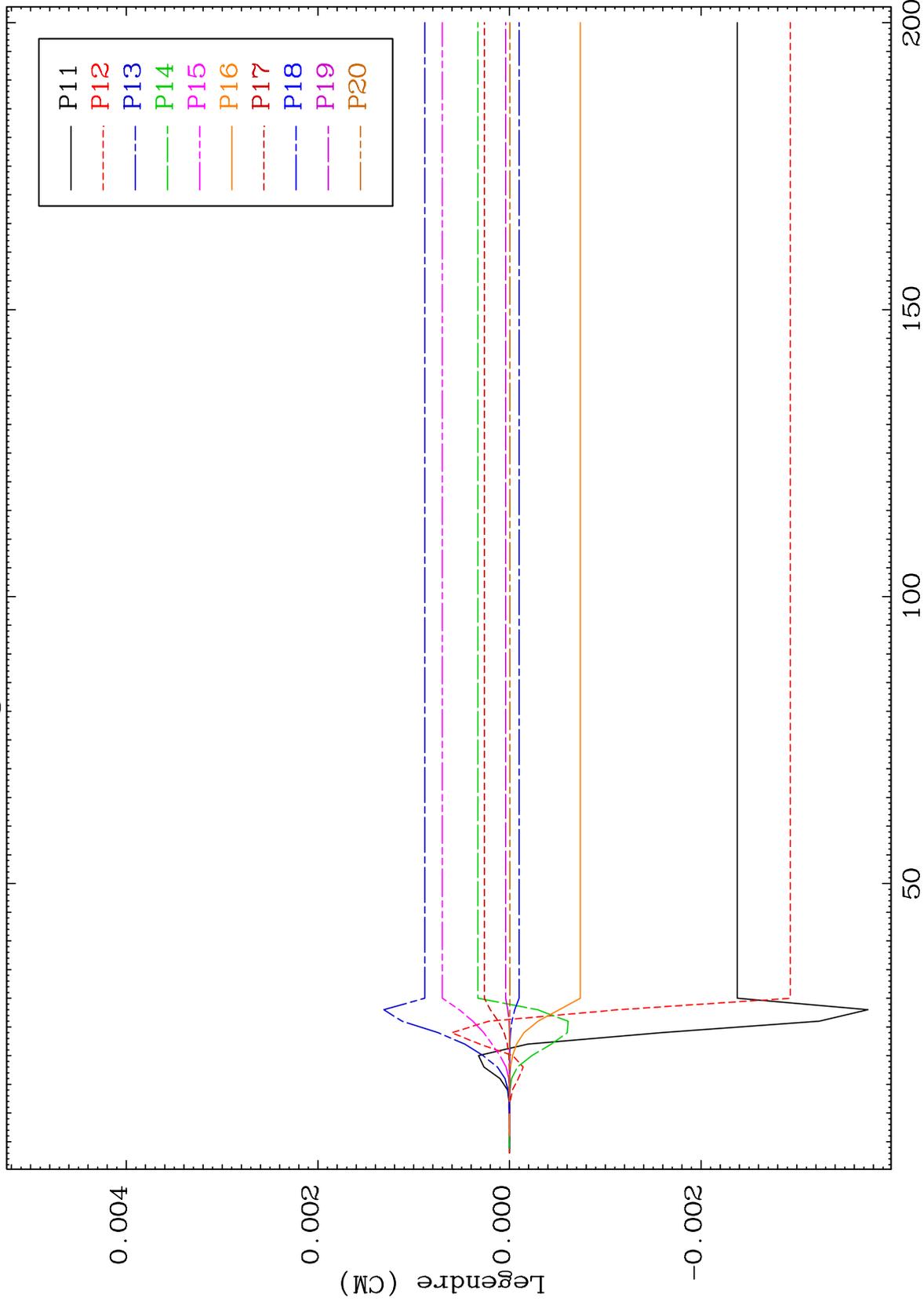
Incident Energy (MeV)

82-Pb-200

MAT 8213

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

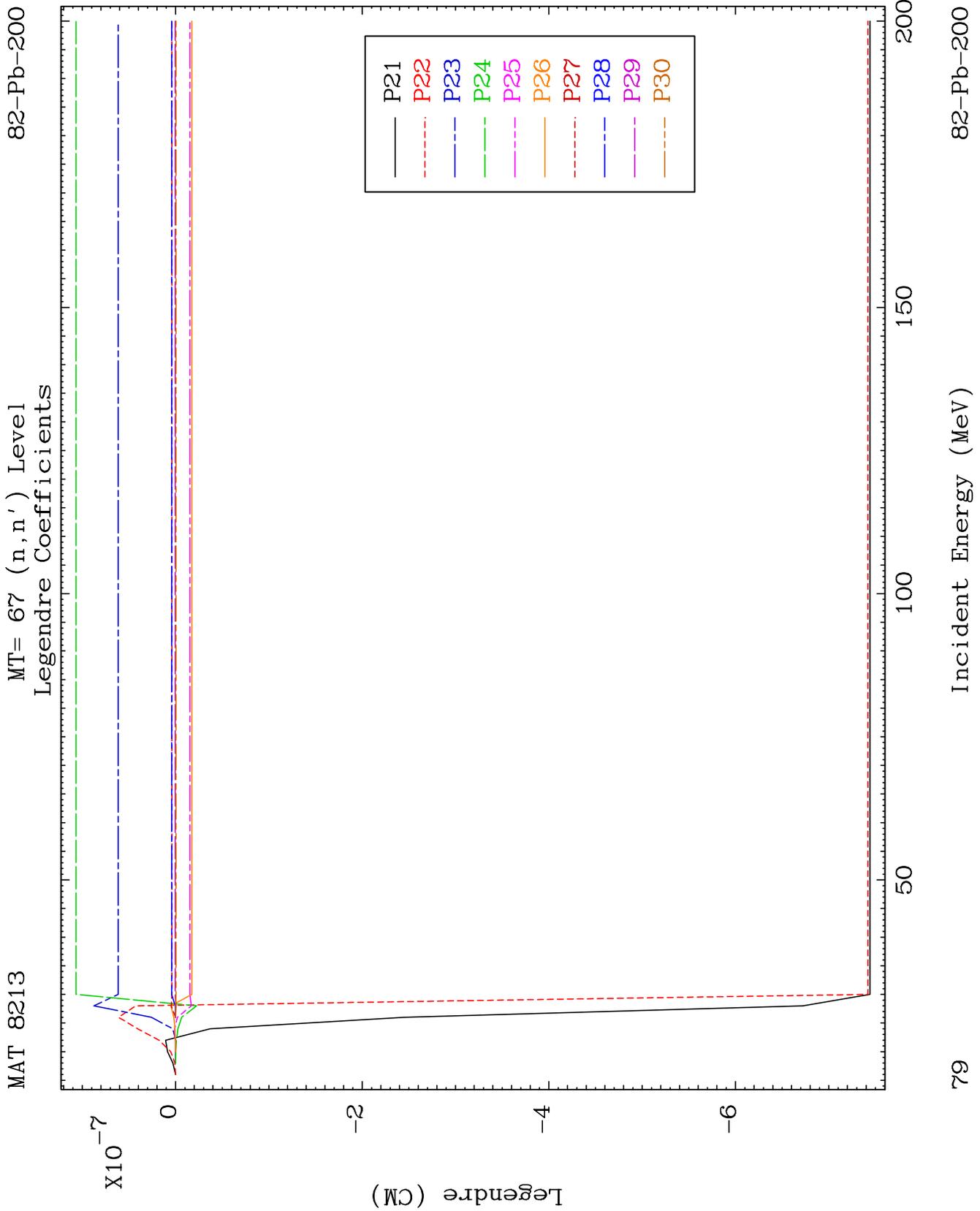
82-Pb-200



78

Incident Energy (MeV)

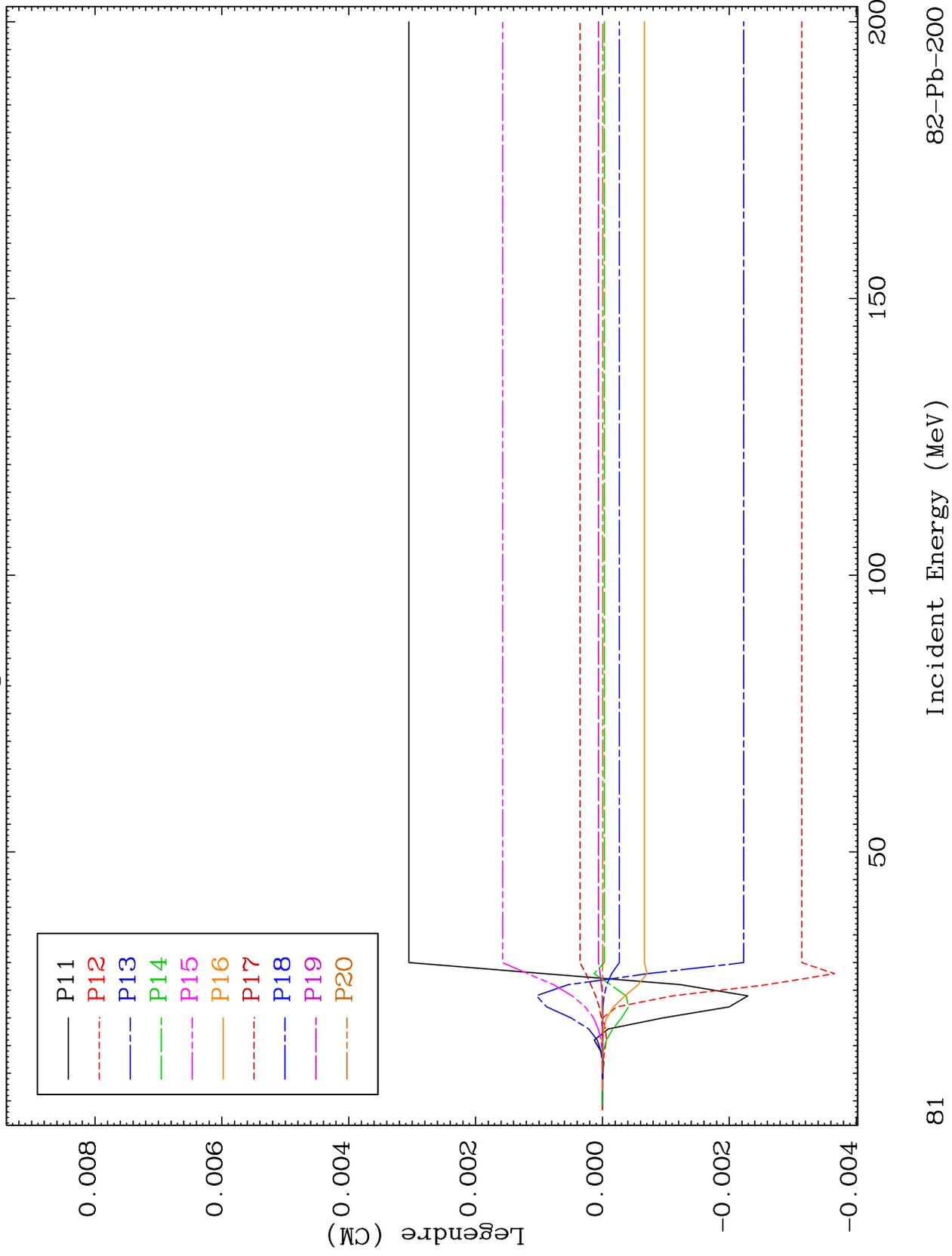
82-Pb-200



MAT 8213

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

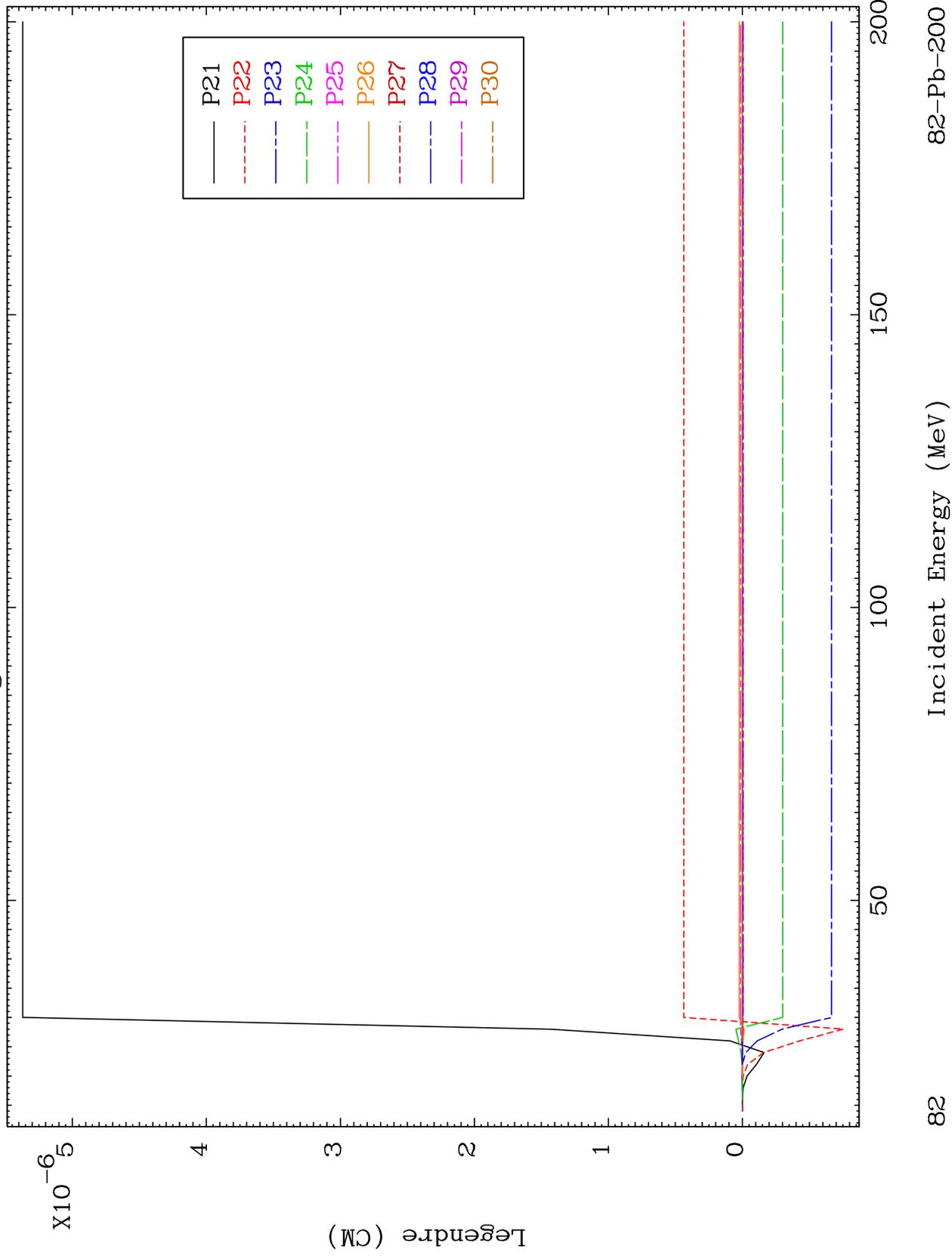
82-Pb-200



MAT 8213

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

82-Pb-200

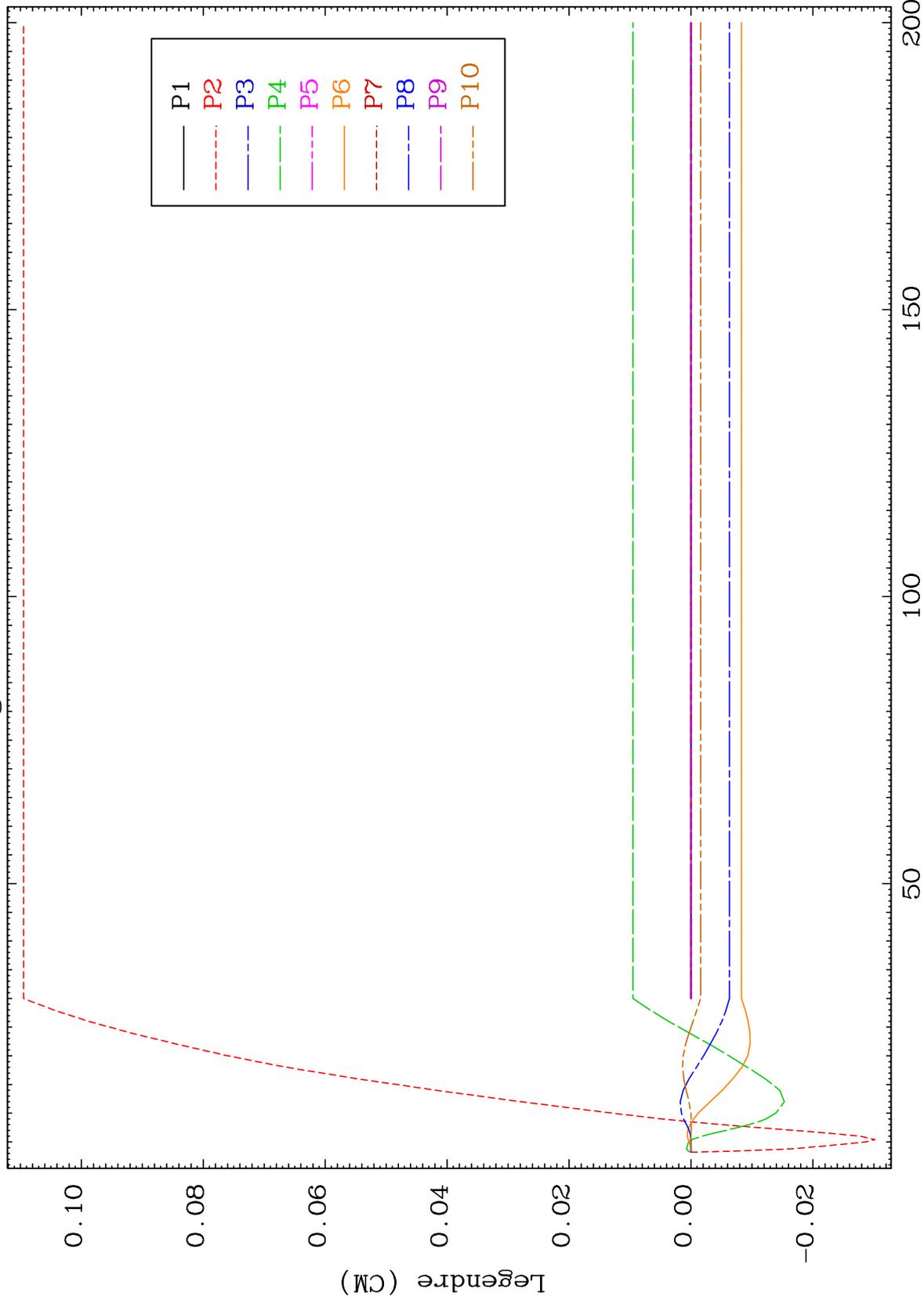


82

MAT 8213

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

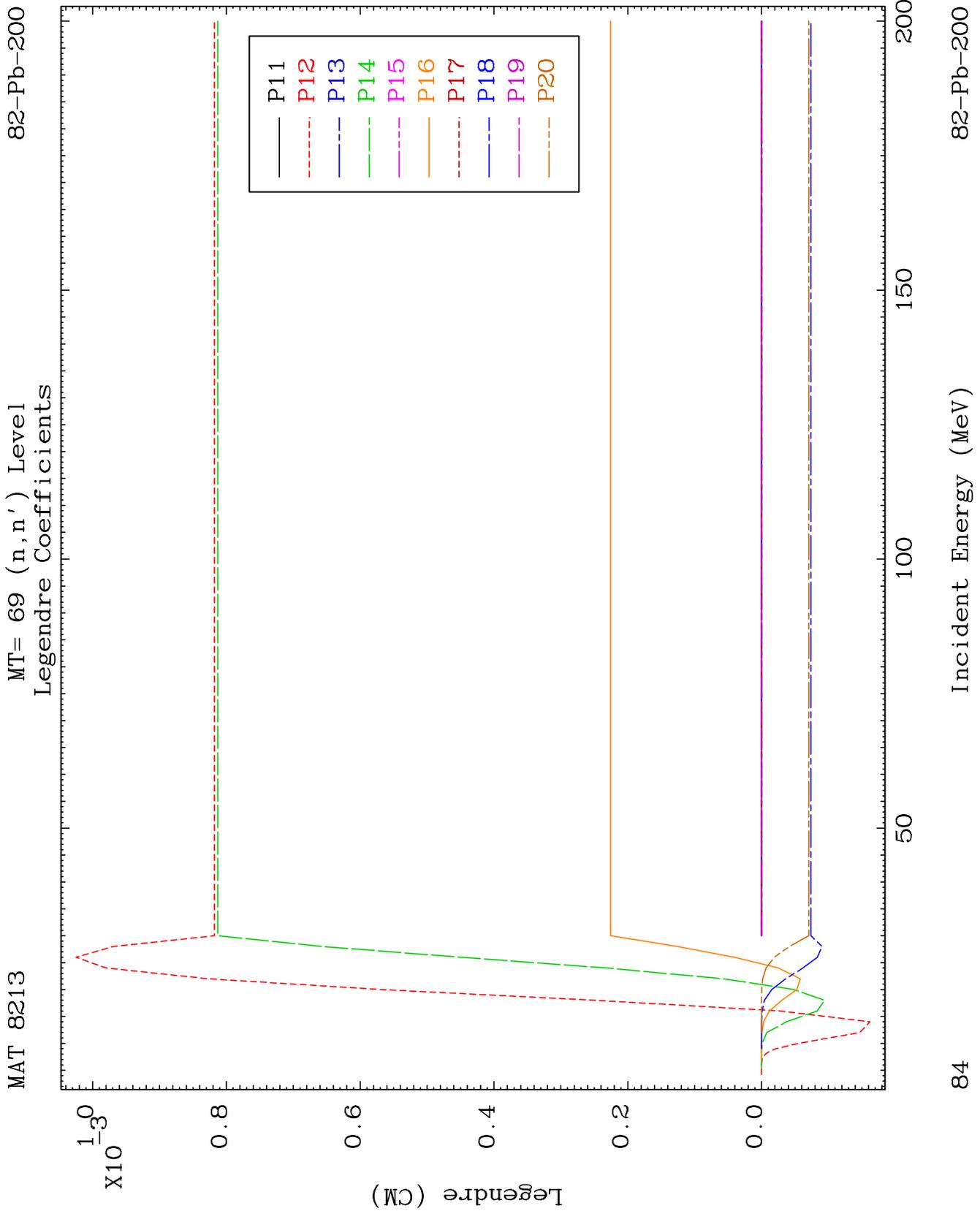
82-Pb-200

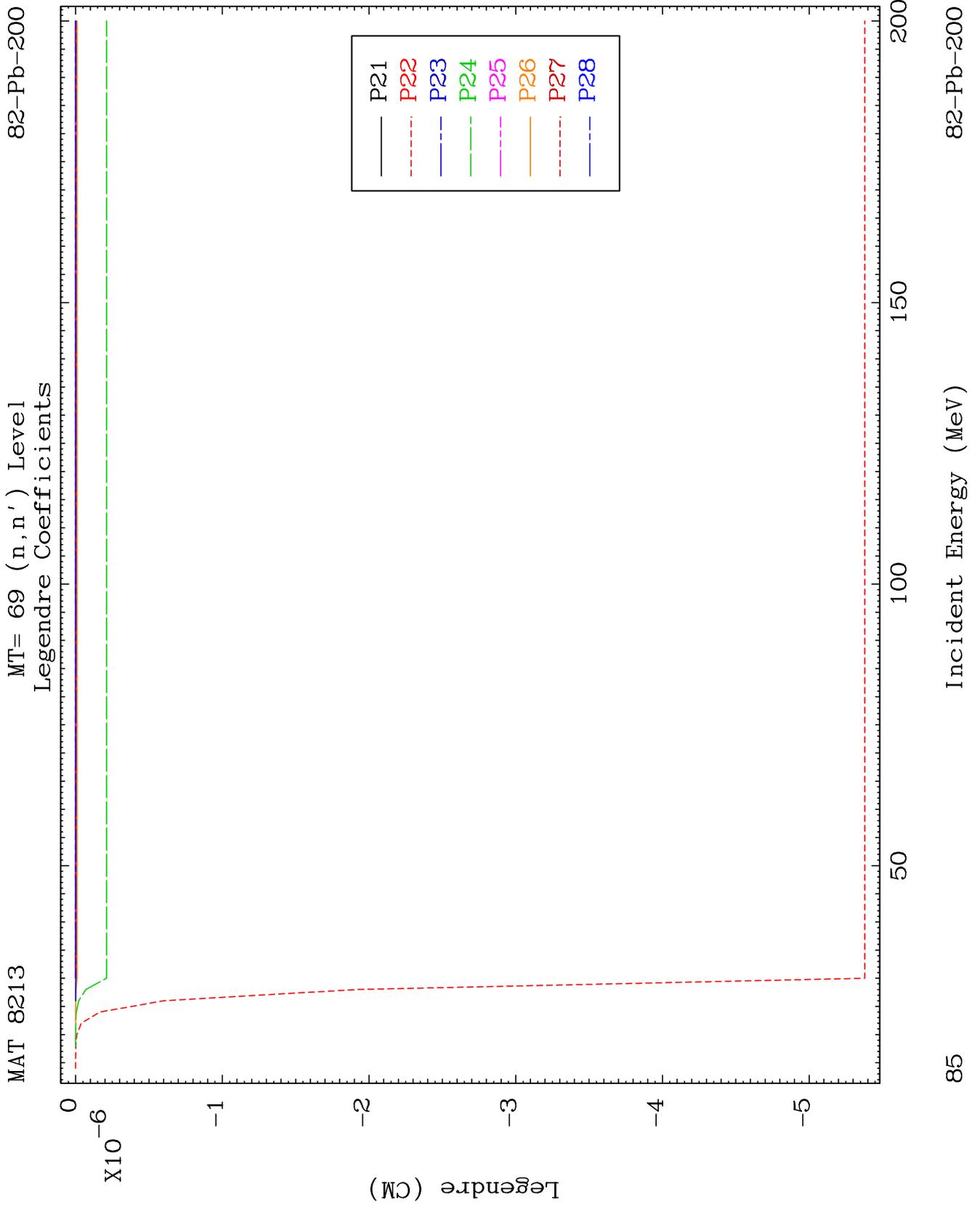


83

Incident Energy (MeV)

82-Pb-200

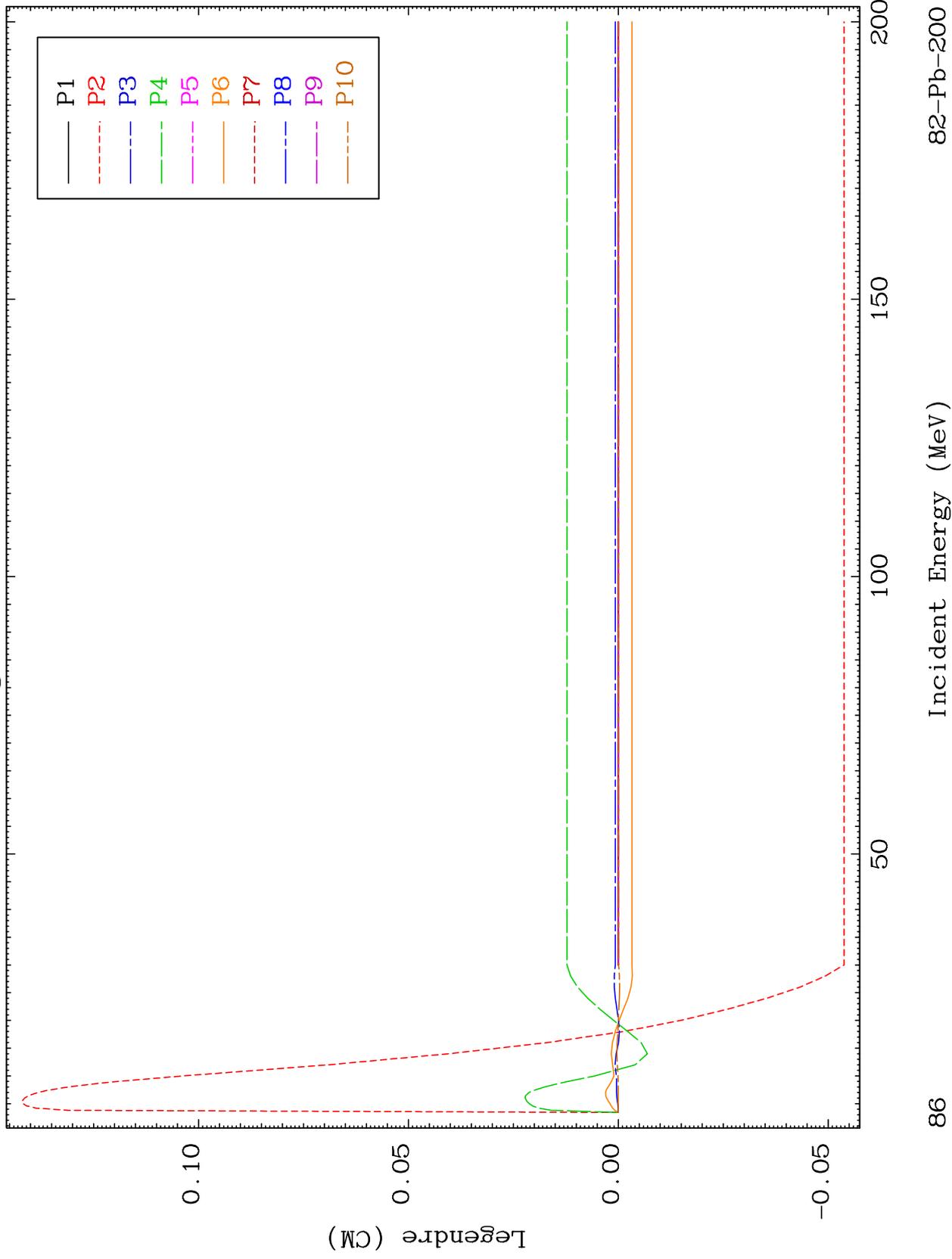




MAT 8213

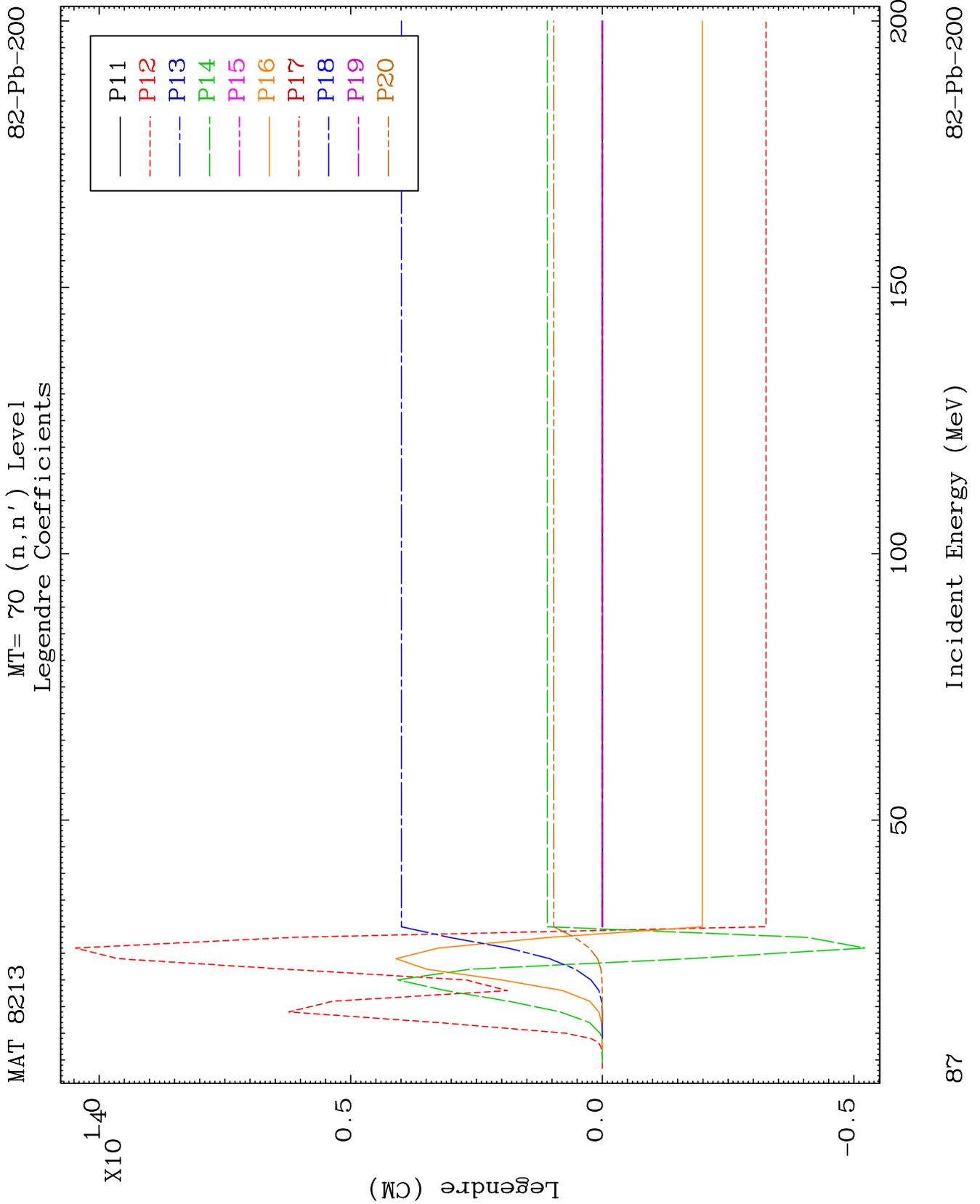
MT= 70 (n,n') Level
Legendre Coefficients

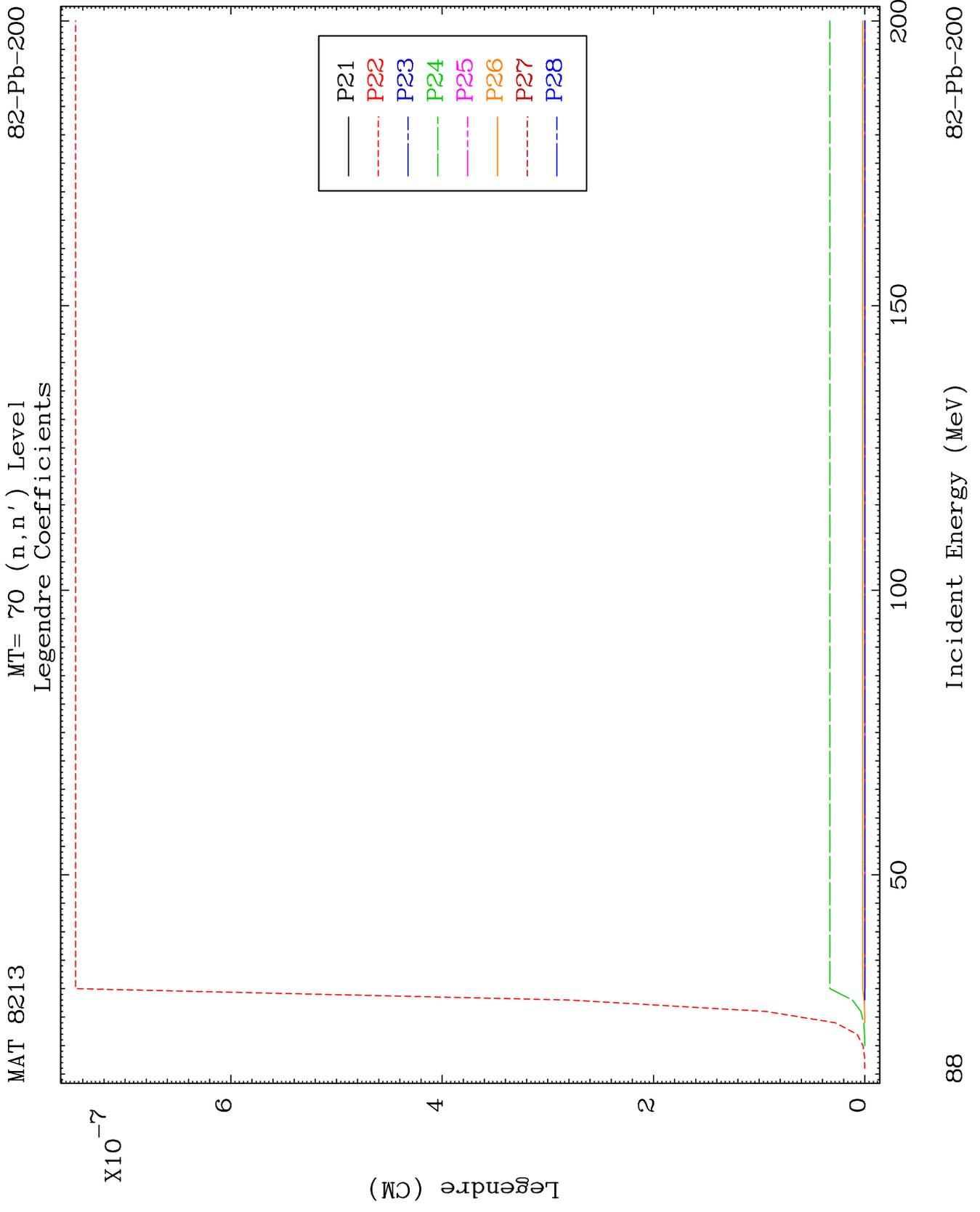
82-Pb-200

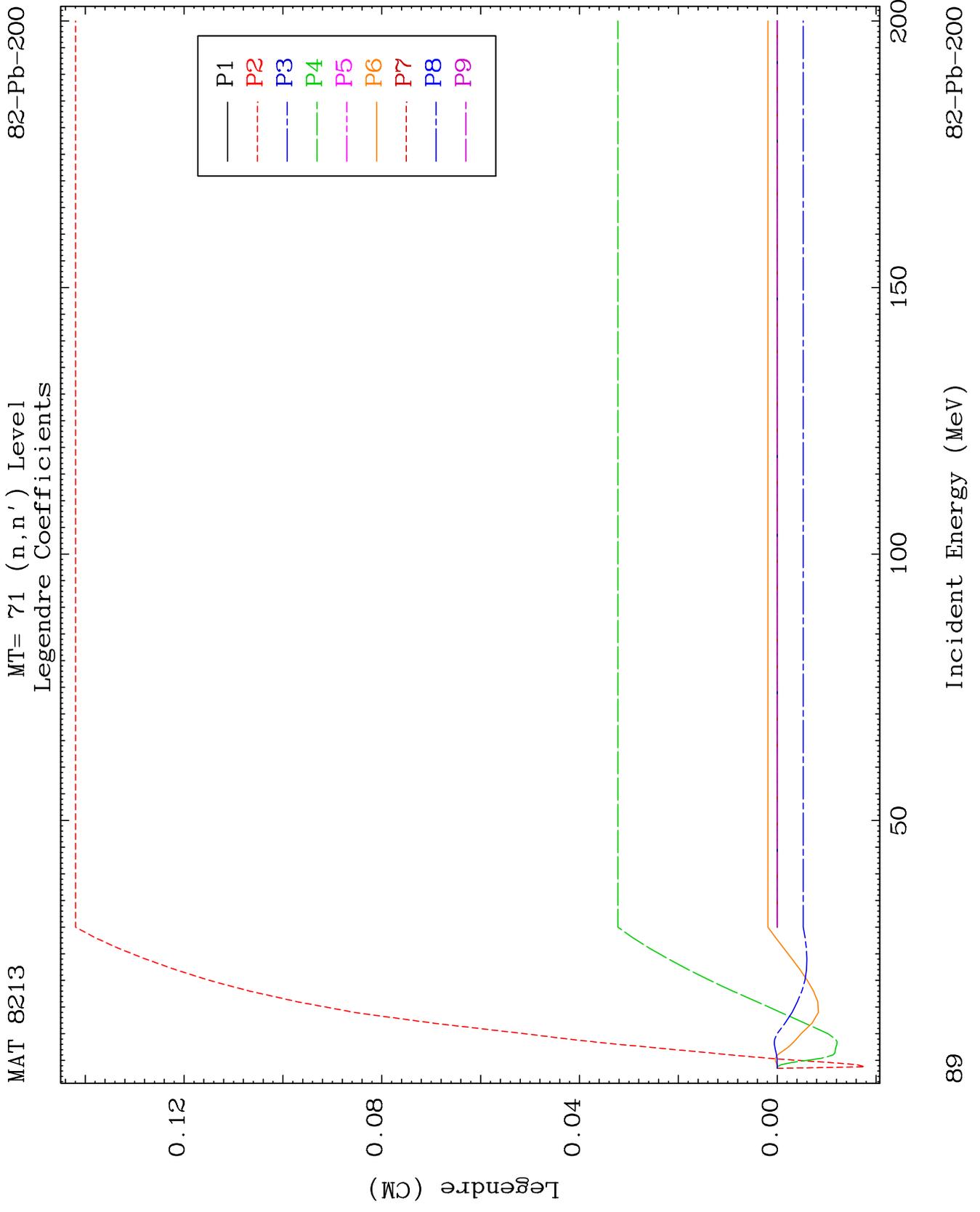


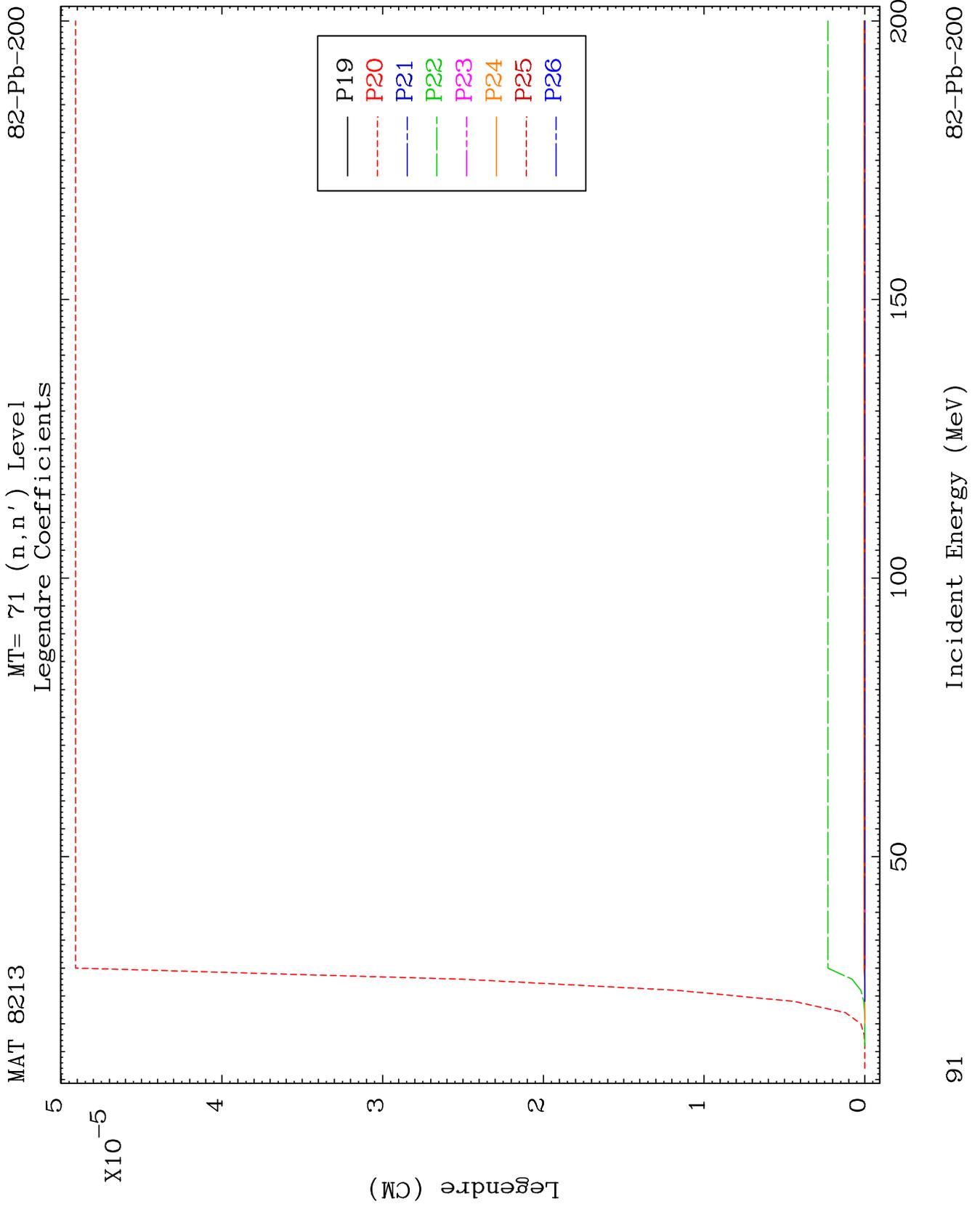
86

82-Pb-200







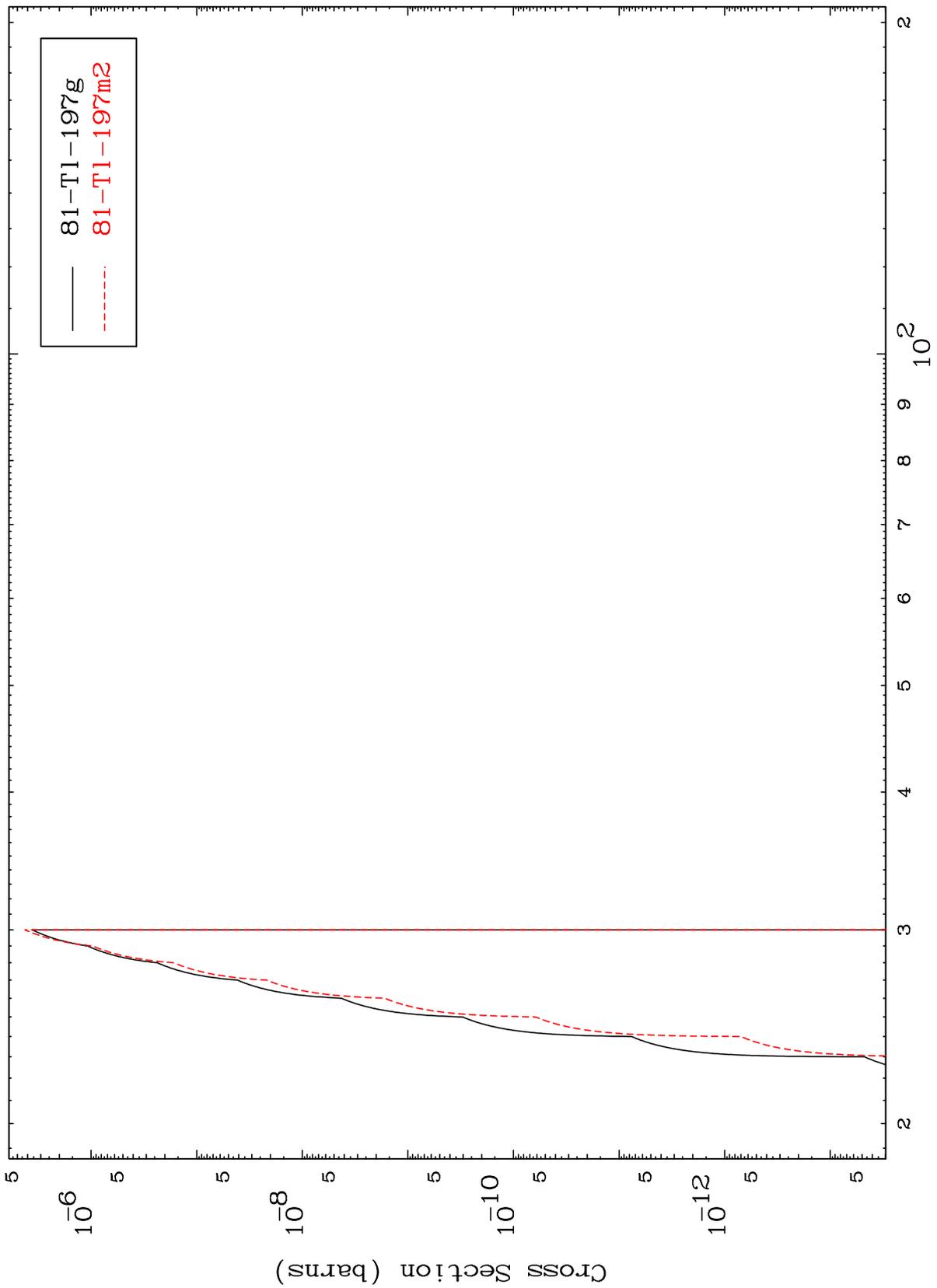


MAT 8213

(n,2n) d

82-Pb-200

Radionuclide Production Cross Section



81-Tl-197g
81-Tl-197m2

92

Incident Energy (MeV)

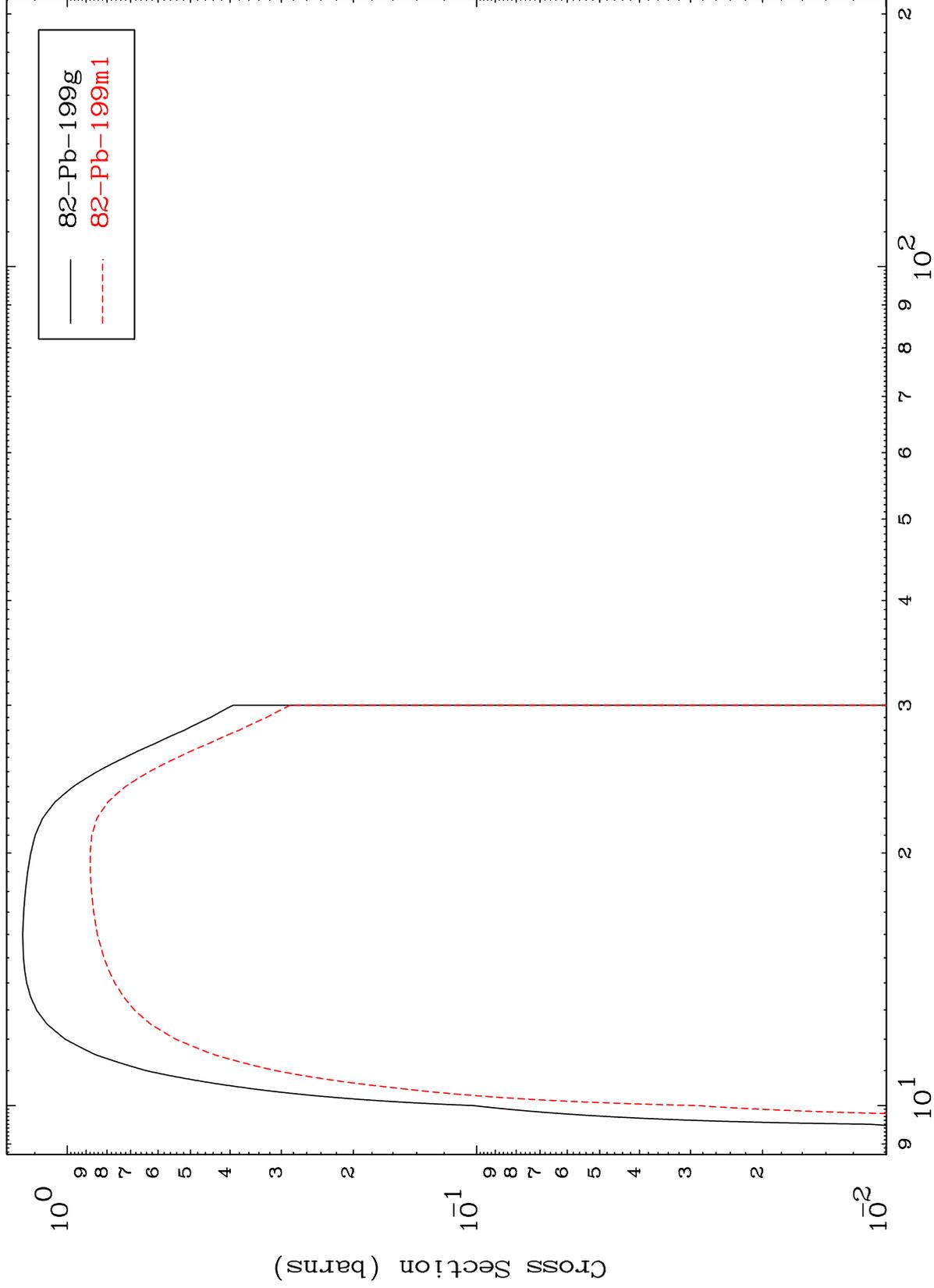
82-Pb-200

MAT 8213

(n,2n)

82-Pb-200

Radionuclide Production Cross Section



93

Incident Energy (MeV)

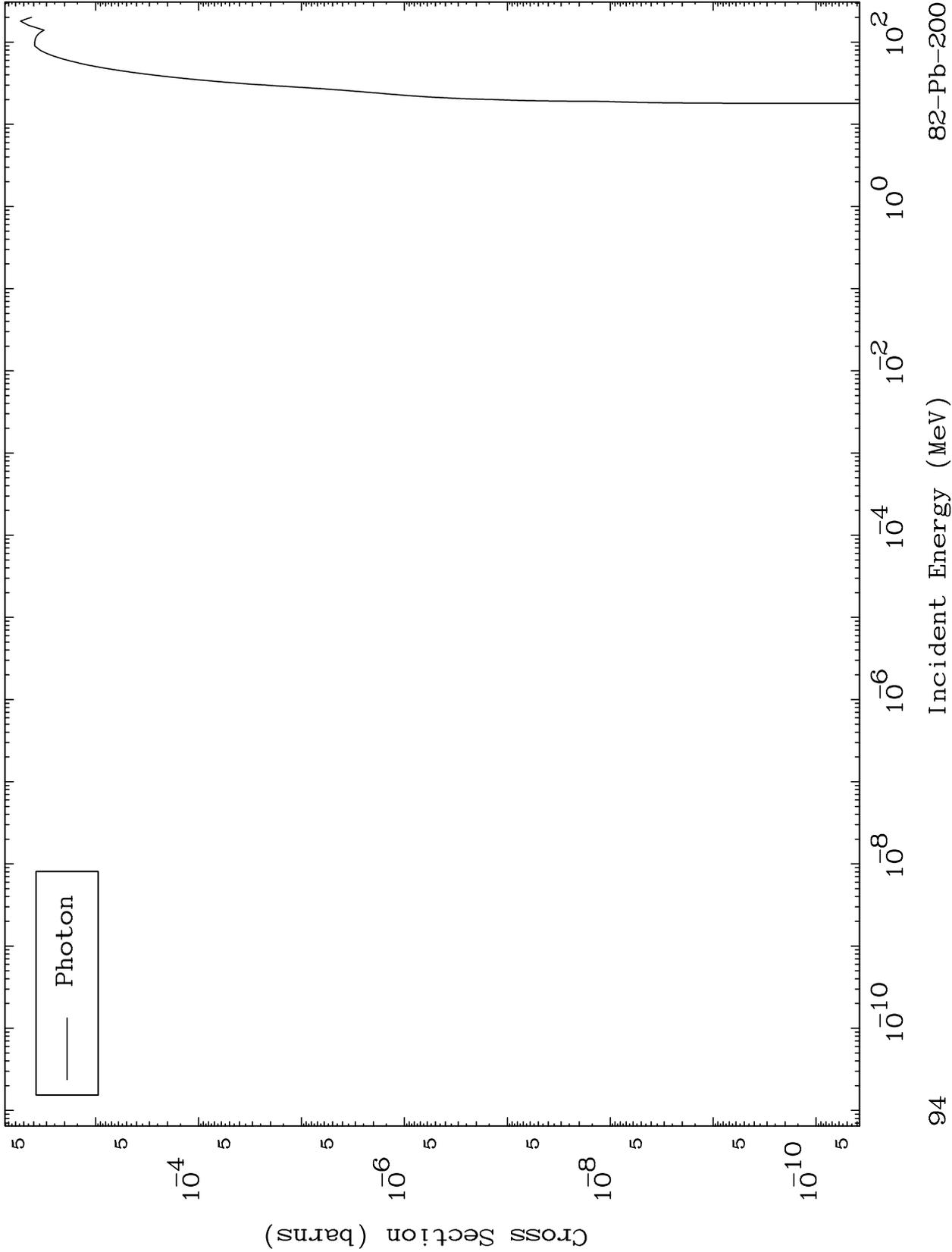
82-Pb-200

MAT 8213

Fission

82-Pb-200

Radionuclide Production Cross Section

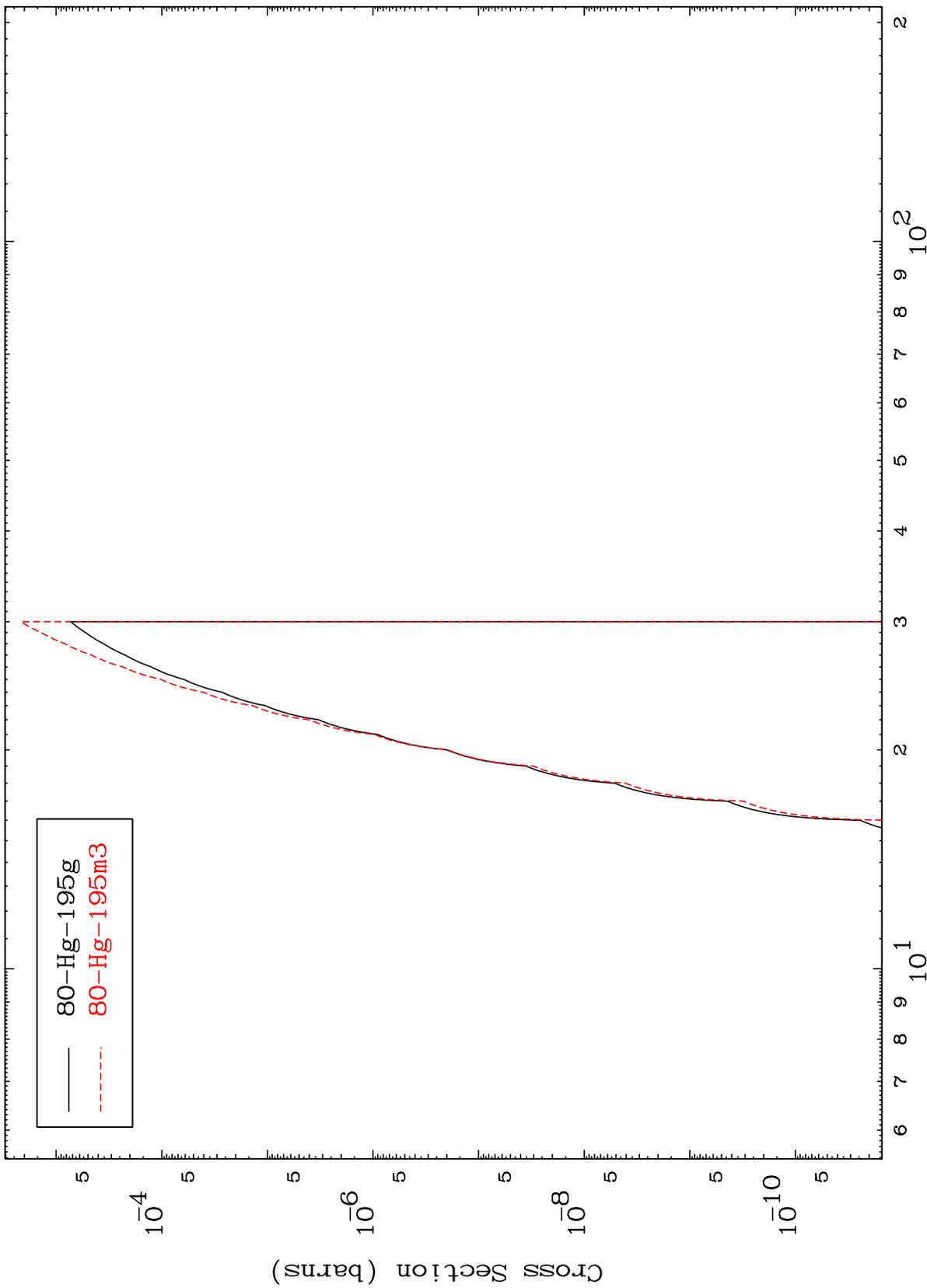


MAT 8213

$(n,2n) \alpha$

82-Pb-200

Radionuclide Production Cross Section

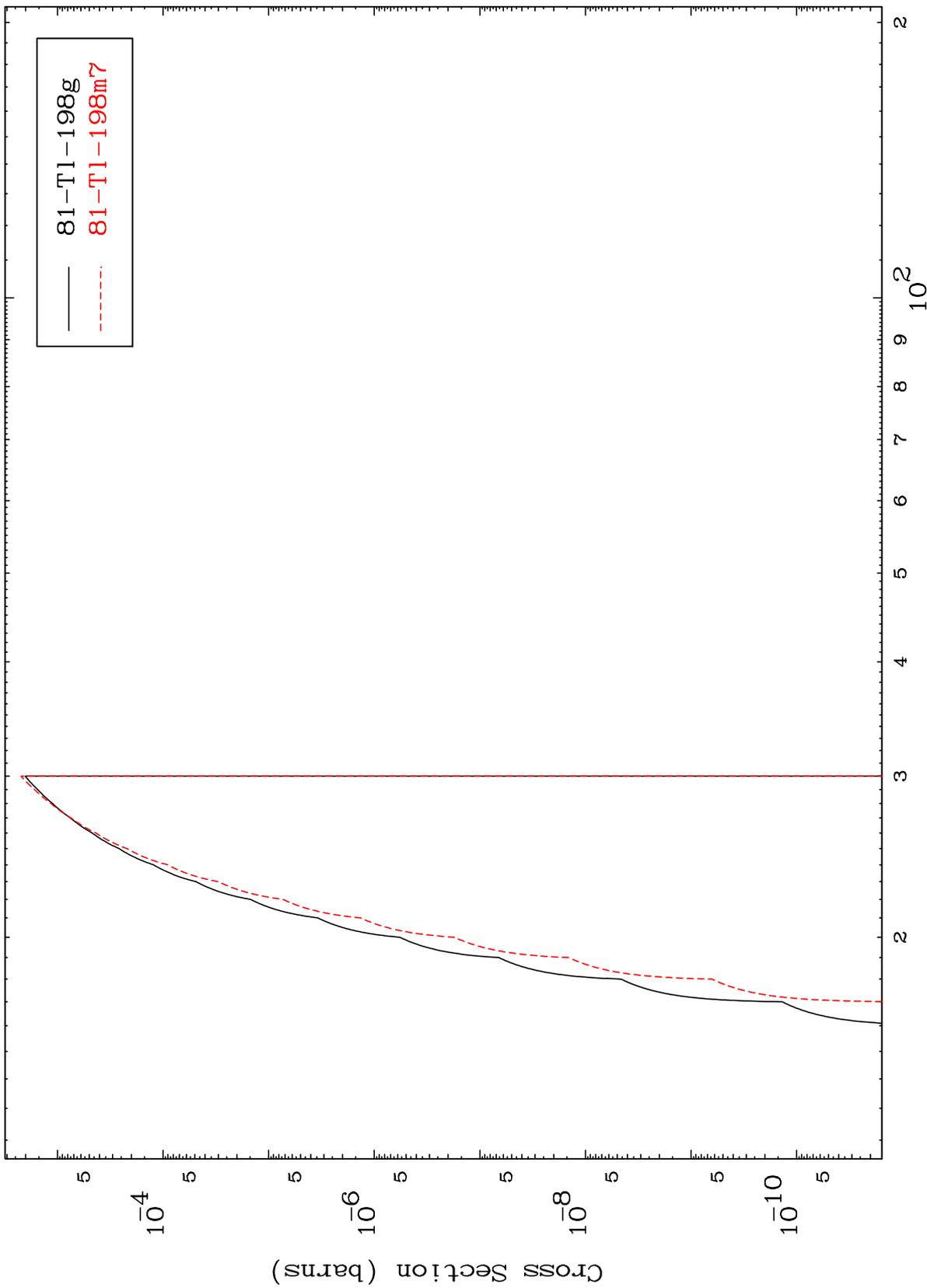


95

Incident Energy (MeV)

82-Pb-200

Radionuclide Production Cross Section

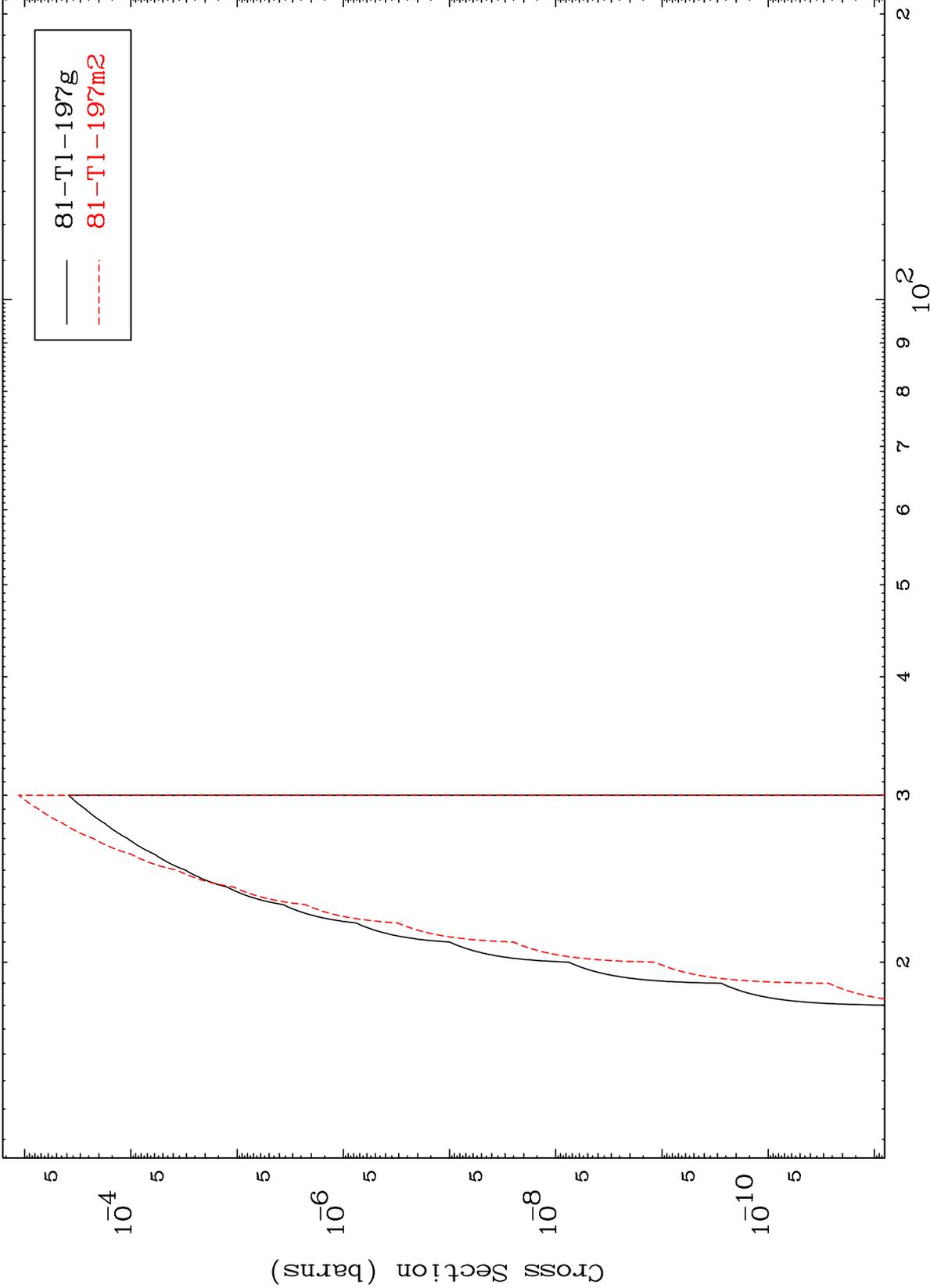


MAT 8213

(n,n') t

82-Pb-200

Radionuclide Production Cross Section



81-Tl-197g
81-Tl-197m2

97

Incident Energy (MeV)

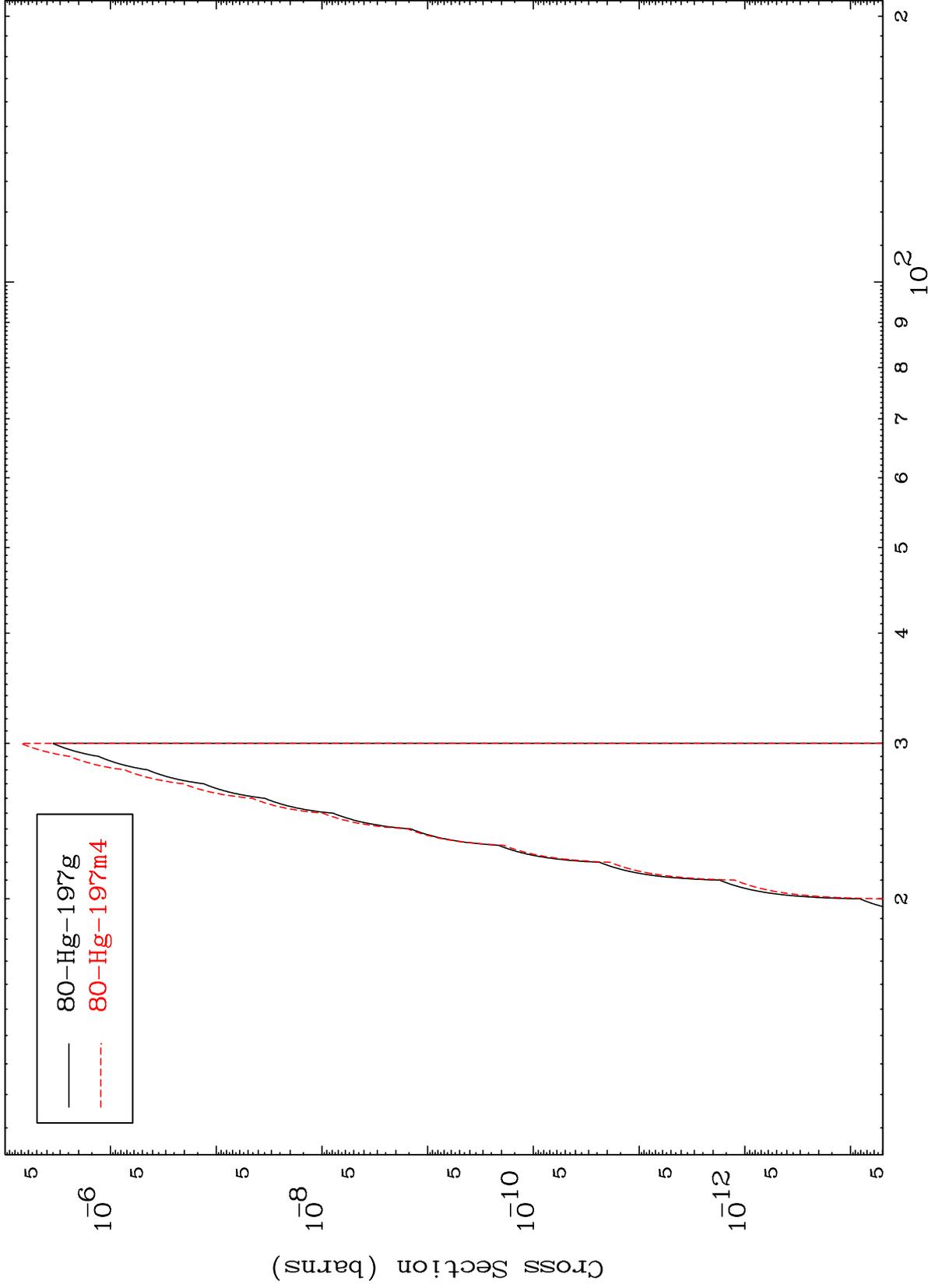
82-Pb-200

MAT 8213

(n,n') He-3

82-Pb-200

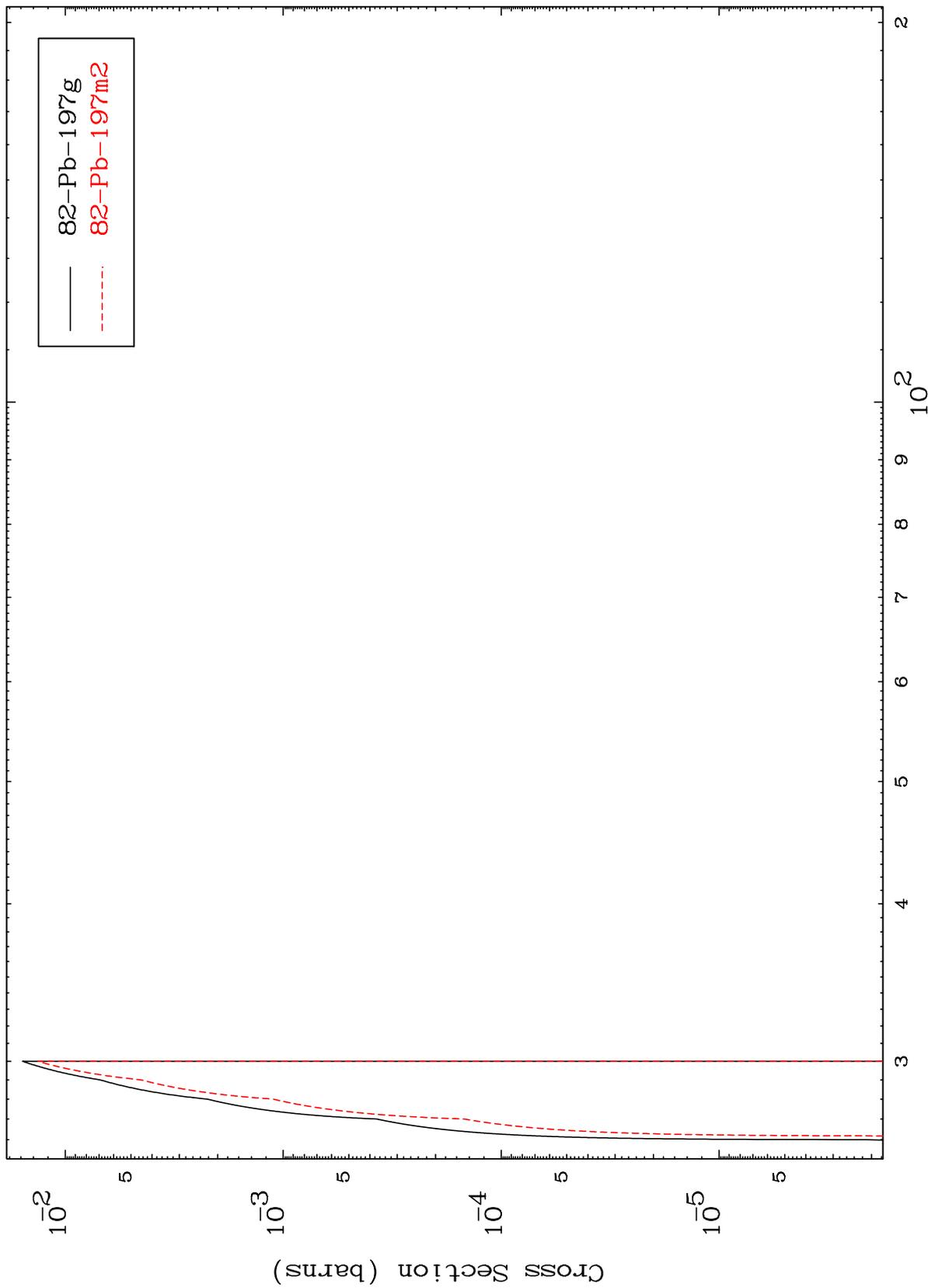
Radionuclide Production Cross Section



MAT 8213

82-Pb-200

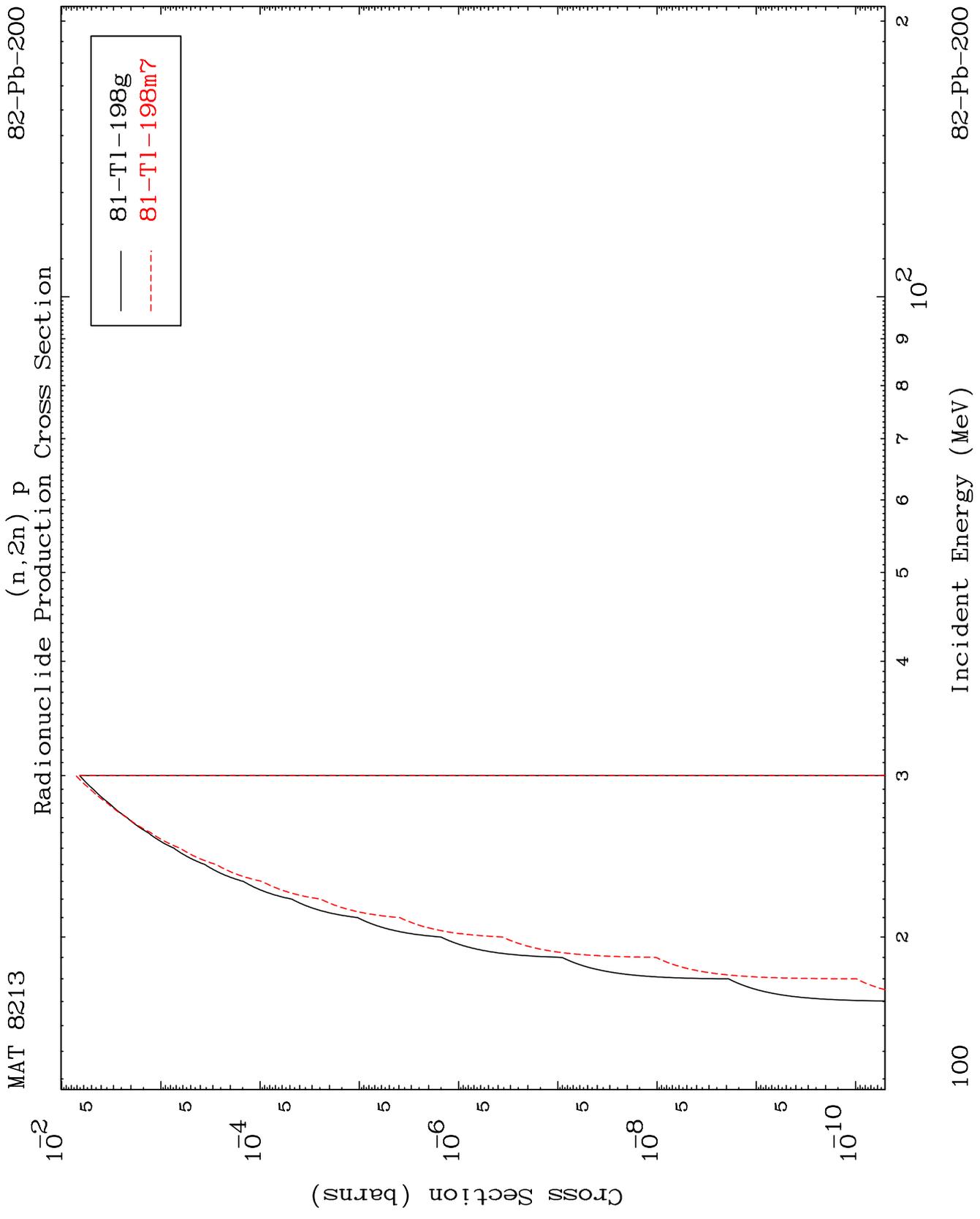
(n,4n)
Radionuclide Production Cross Section



99

82-Pb-200

Incident Energy (MeV)



100

Incident Energy (MeV)

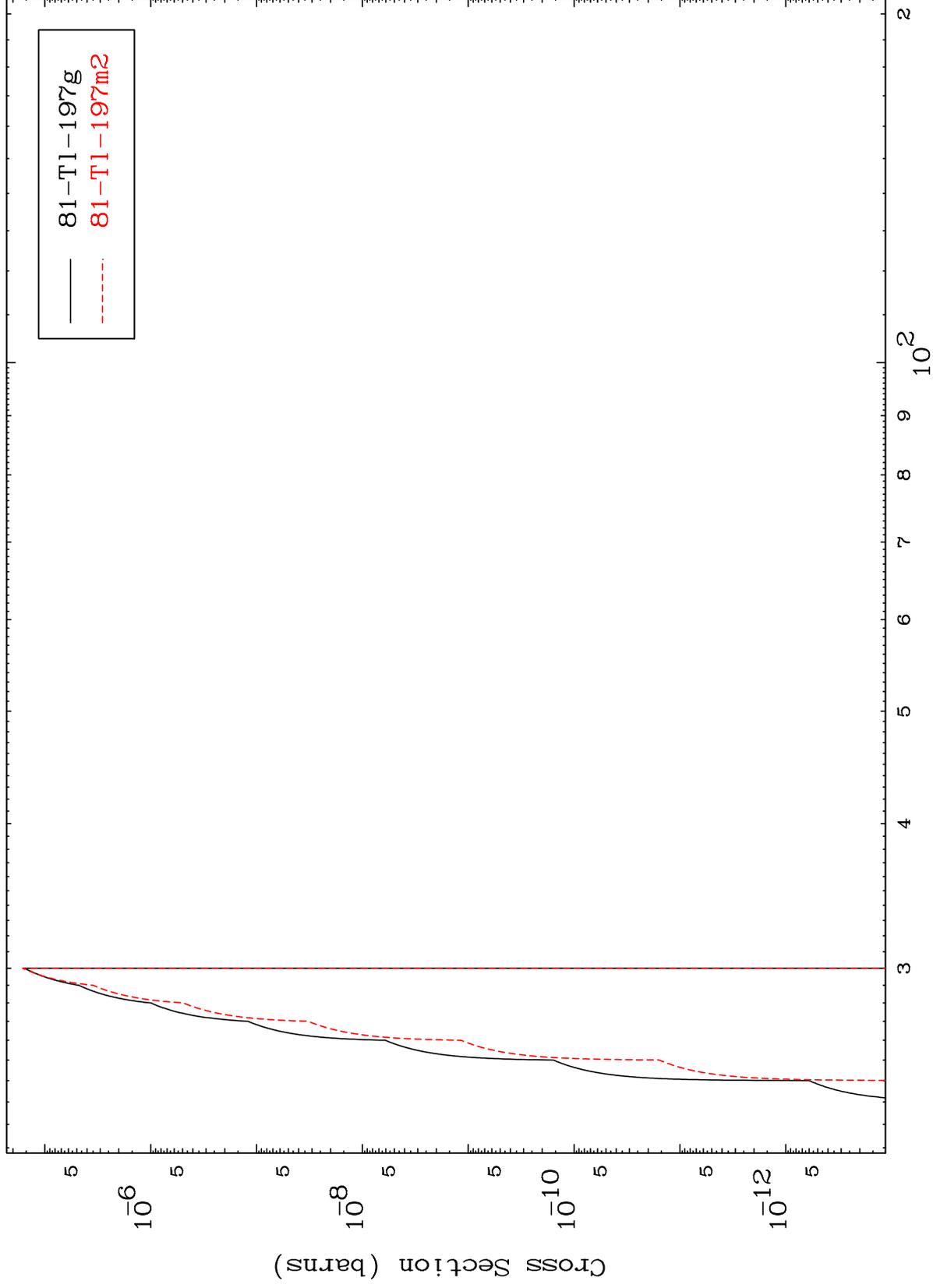
82-Pb-200

MAT 8213

(n,3n) p

82-Pb-200

Radionuclide Production Cross Section



101

Incident Energy (MeV)

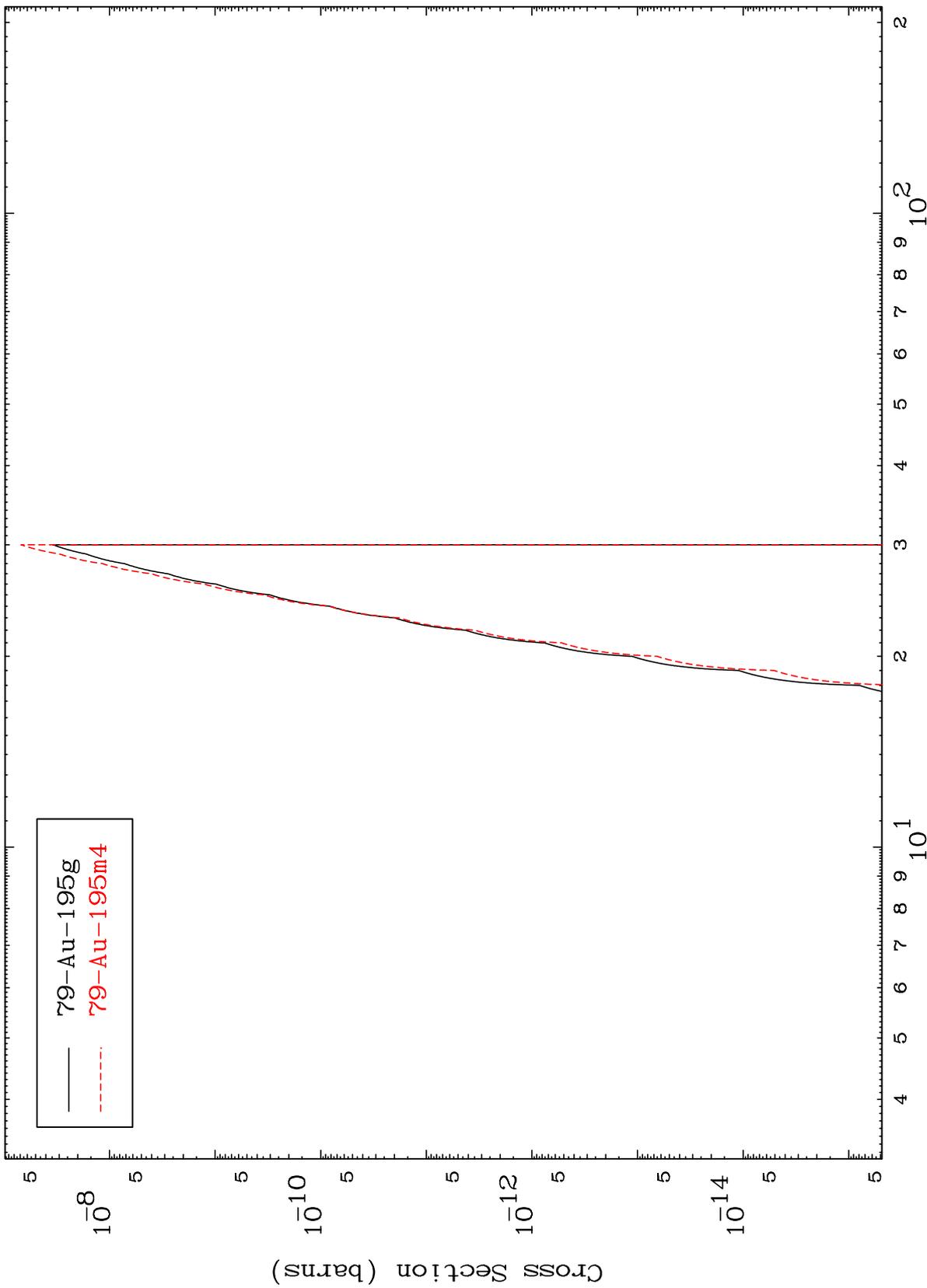
82-Pb-200

MAT 8213

(n,n') p α

82-Pb-200

Radionuclide Production Cross Section



102

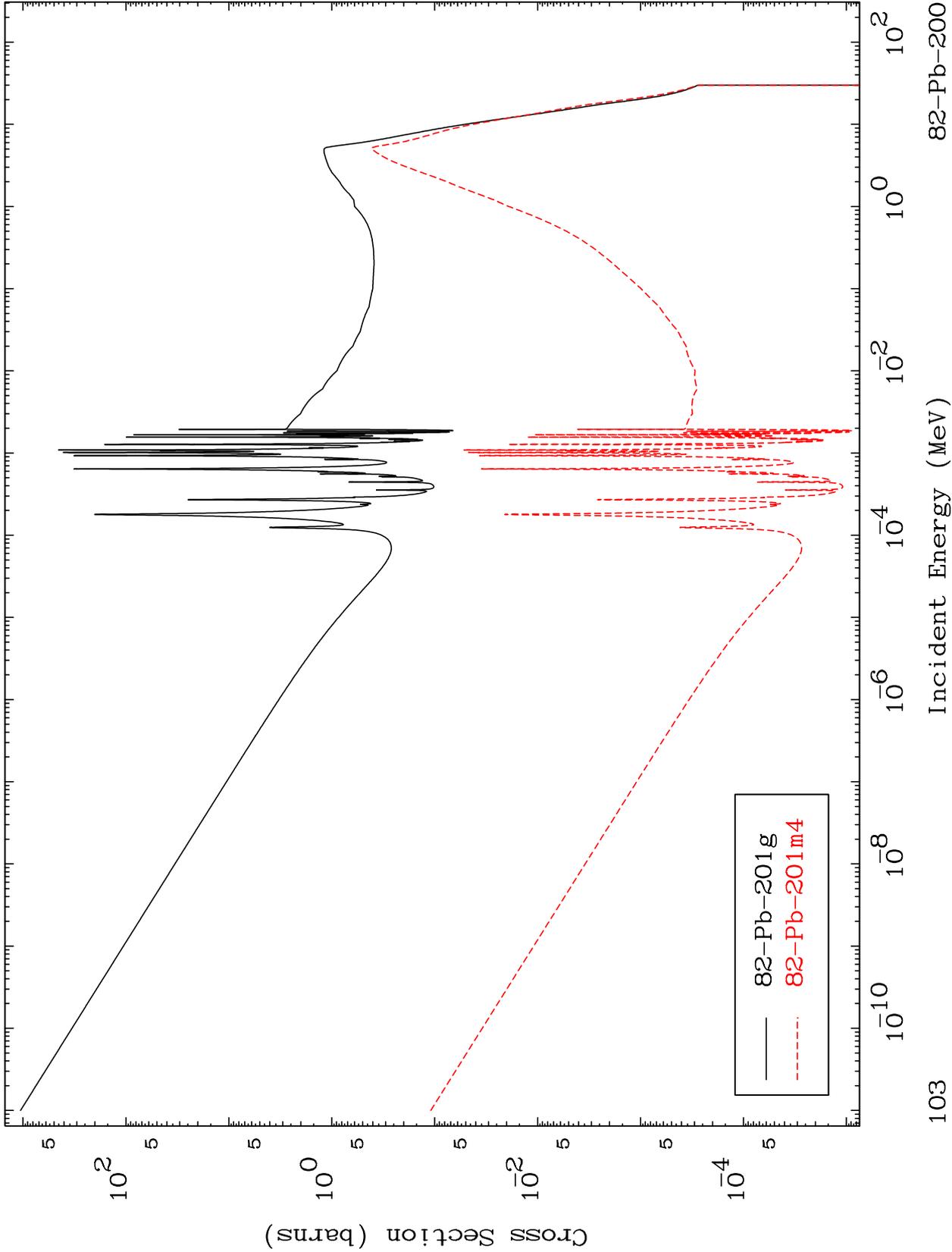
Incident Energy (MeV)

82-Pb-200

MAT 8213

82-Pb-200

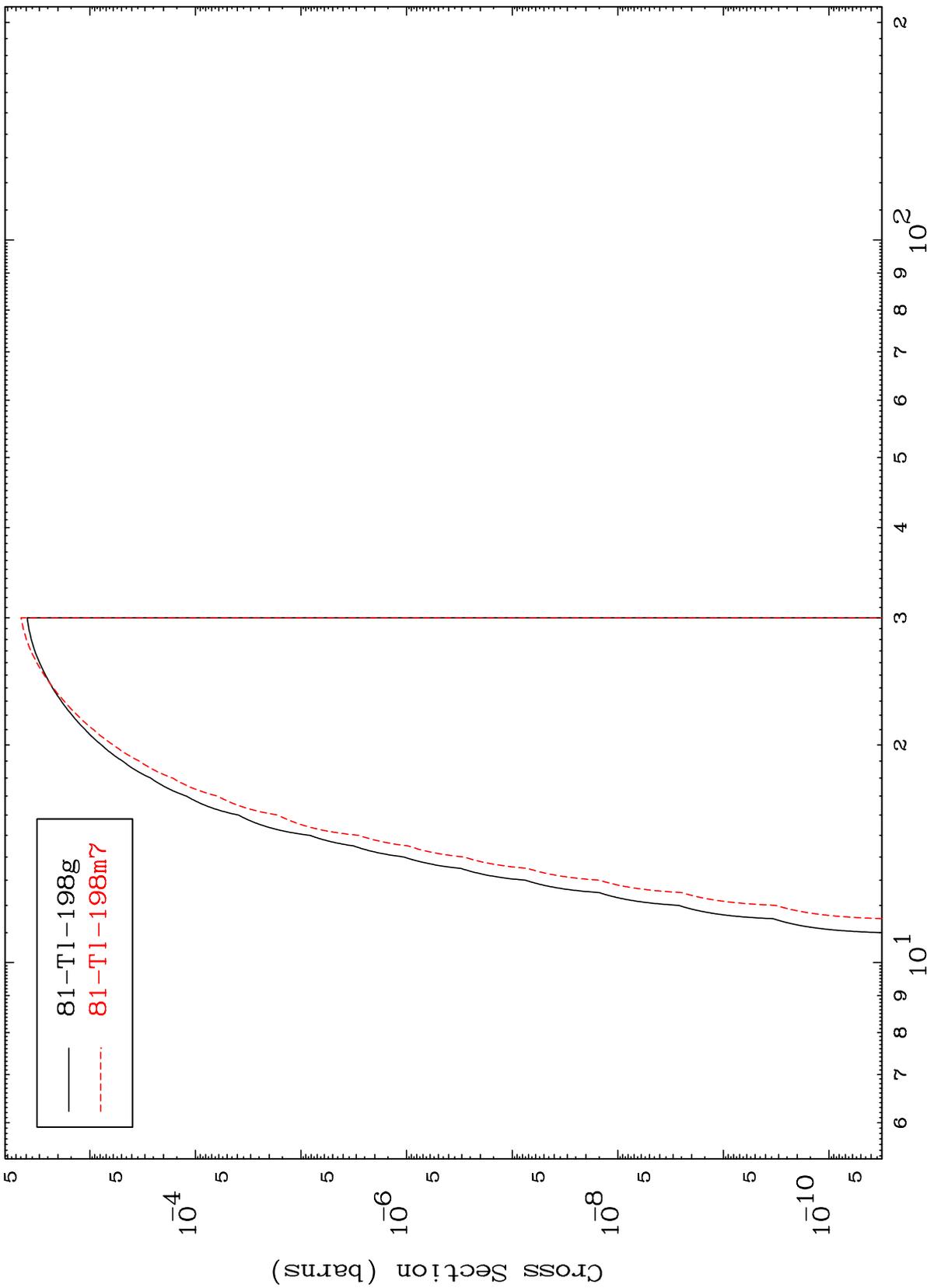
(n, γ)
Radionuclide Production Cross Section



MAT 8213

82-Pb-200

(n, t)
Radionuclide Production Cross Section



104

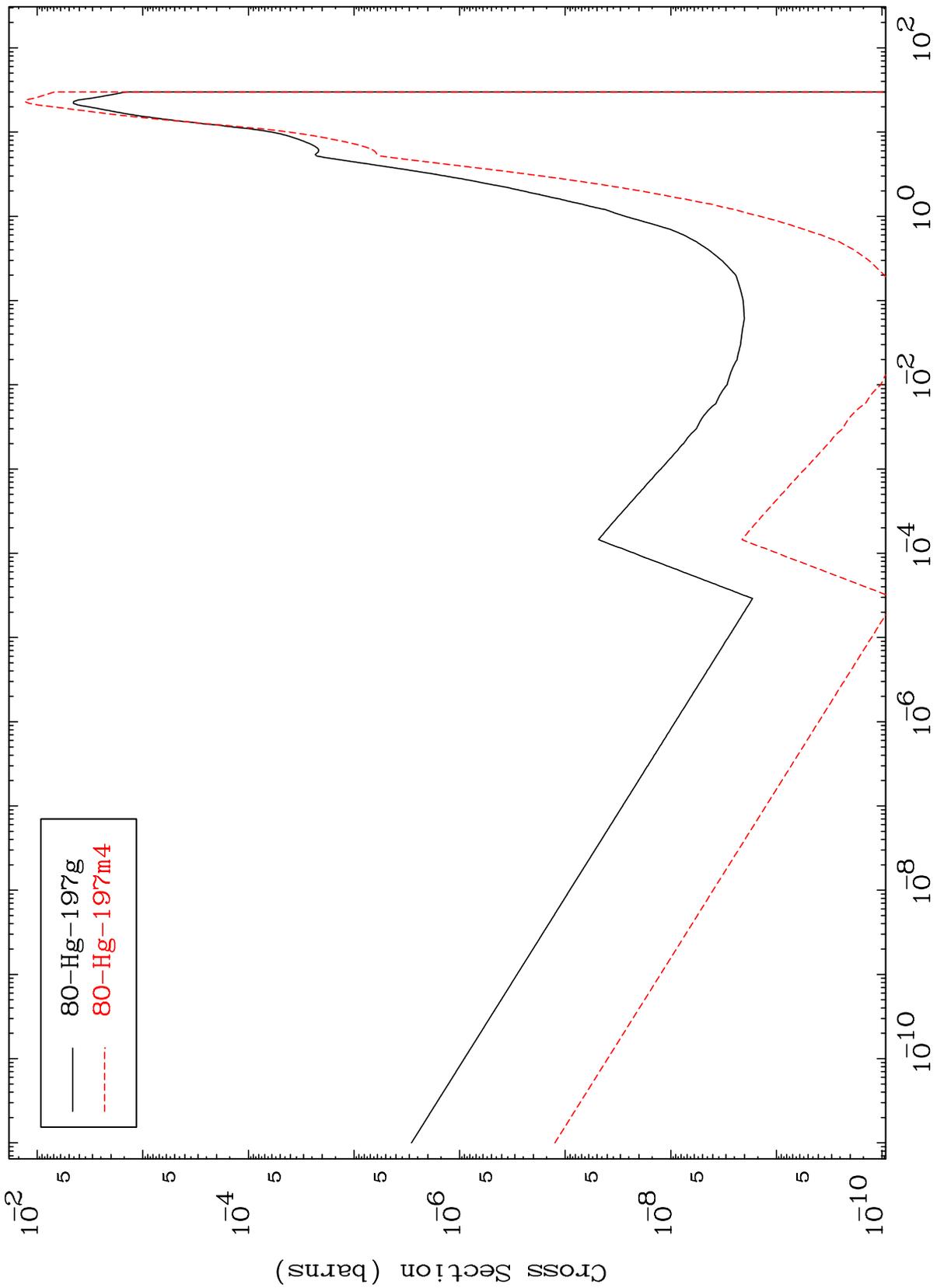
Incident Energy (MeV)

82-Pb-200

MAT 8213

82-Pb-200

Radionuclide Production Cross Section
(n, α)



105

82-Pb-200

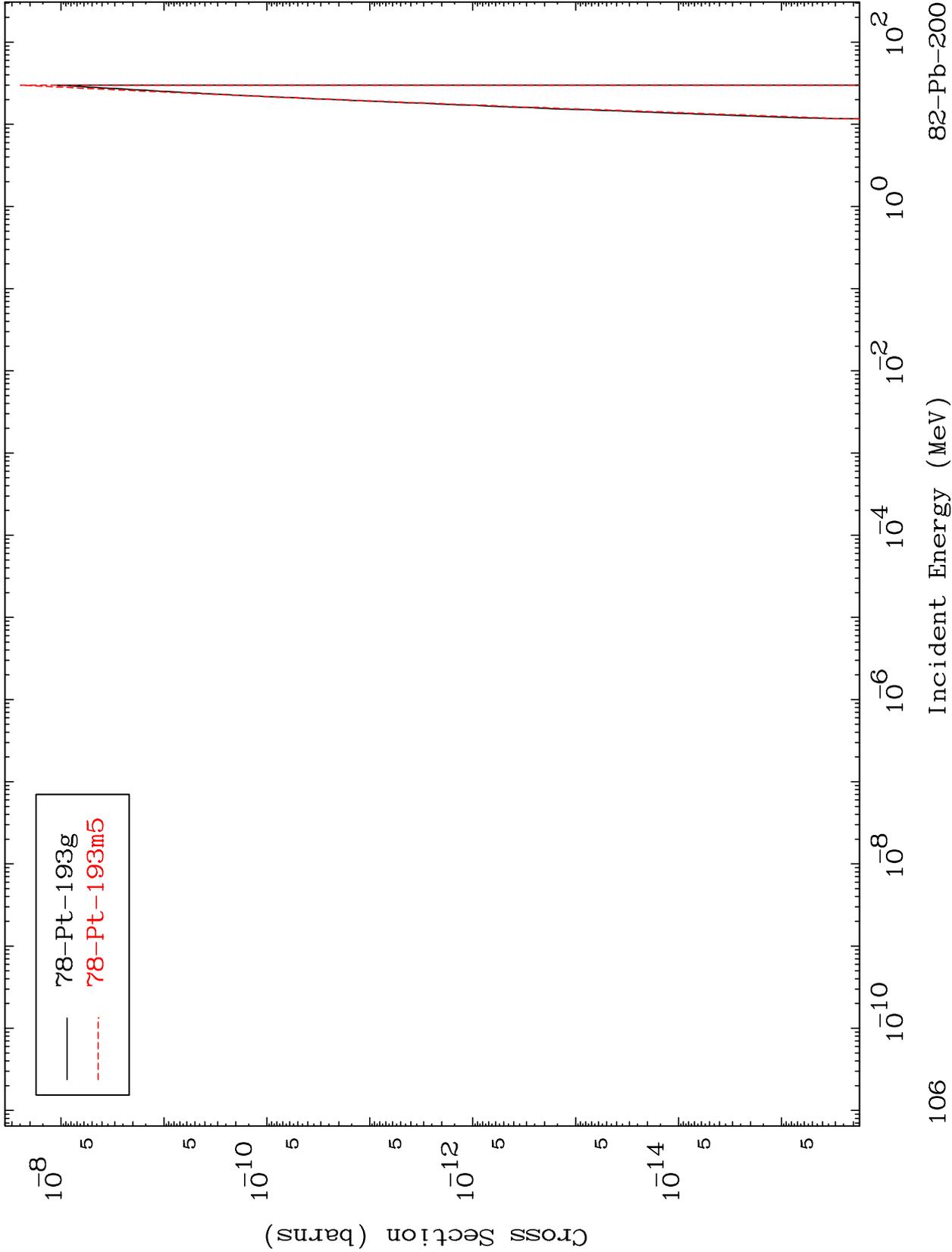
Incident Energy (MeV)

MAT 8213

(n,2α)

82-Pb-200

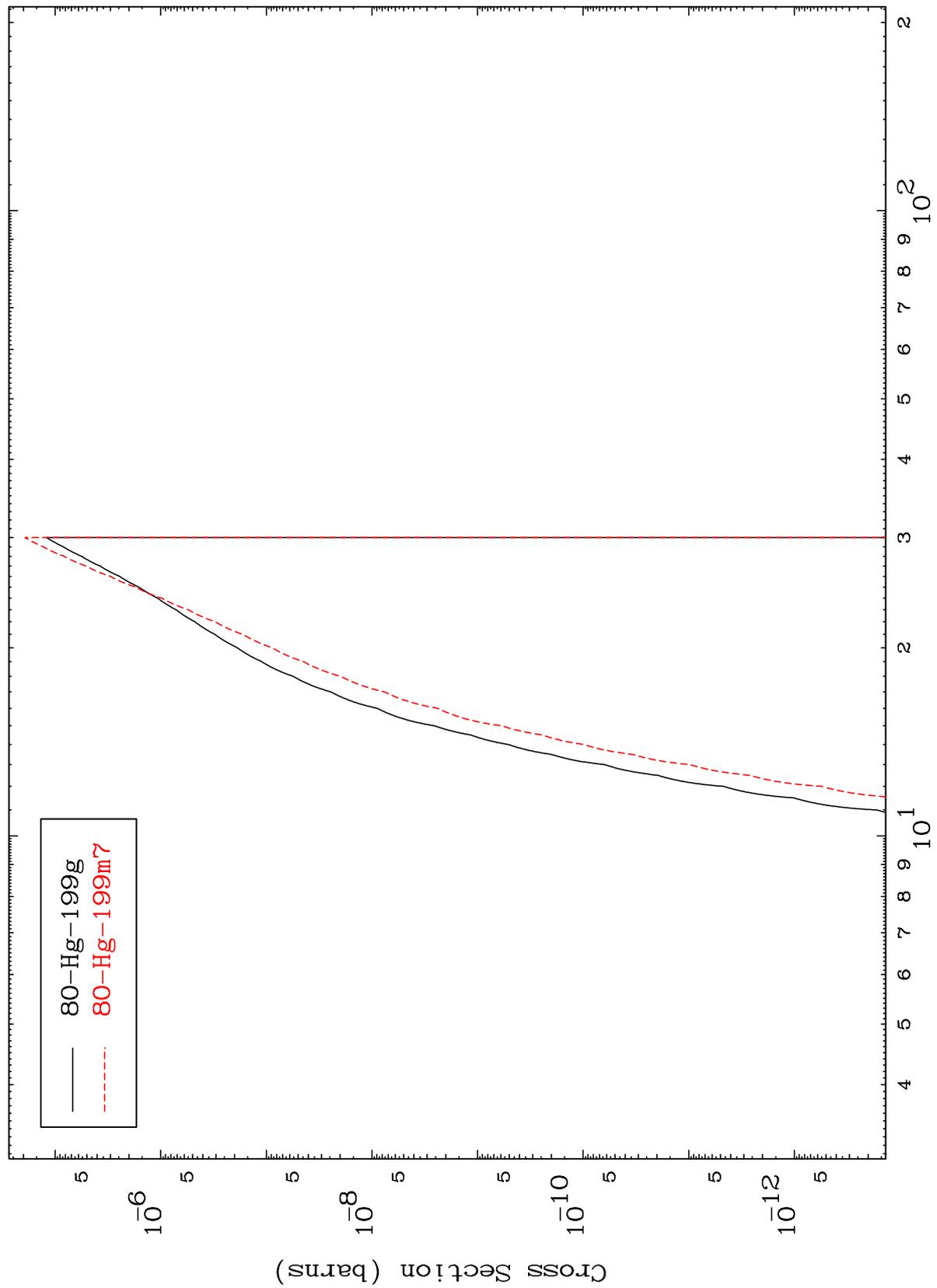
Radionuclide Production Cross Section



MAT 8213

82-Pb-200

(n,2p)
Radionuclide Production Cross Section



107

Incident Energy (MeV)

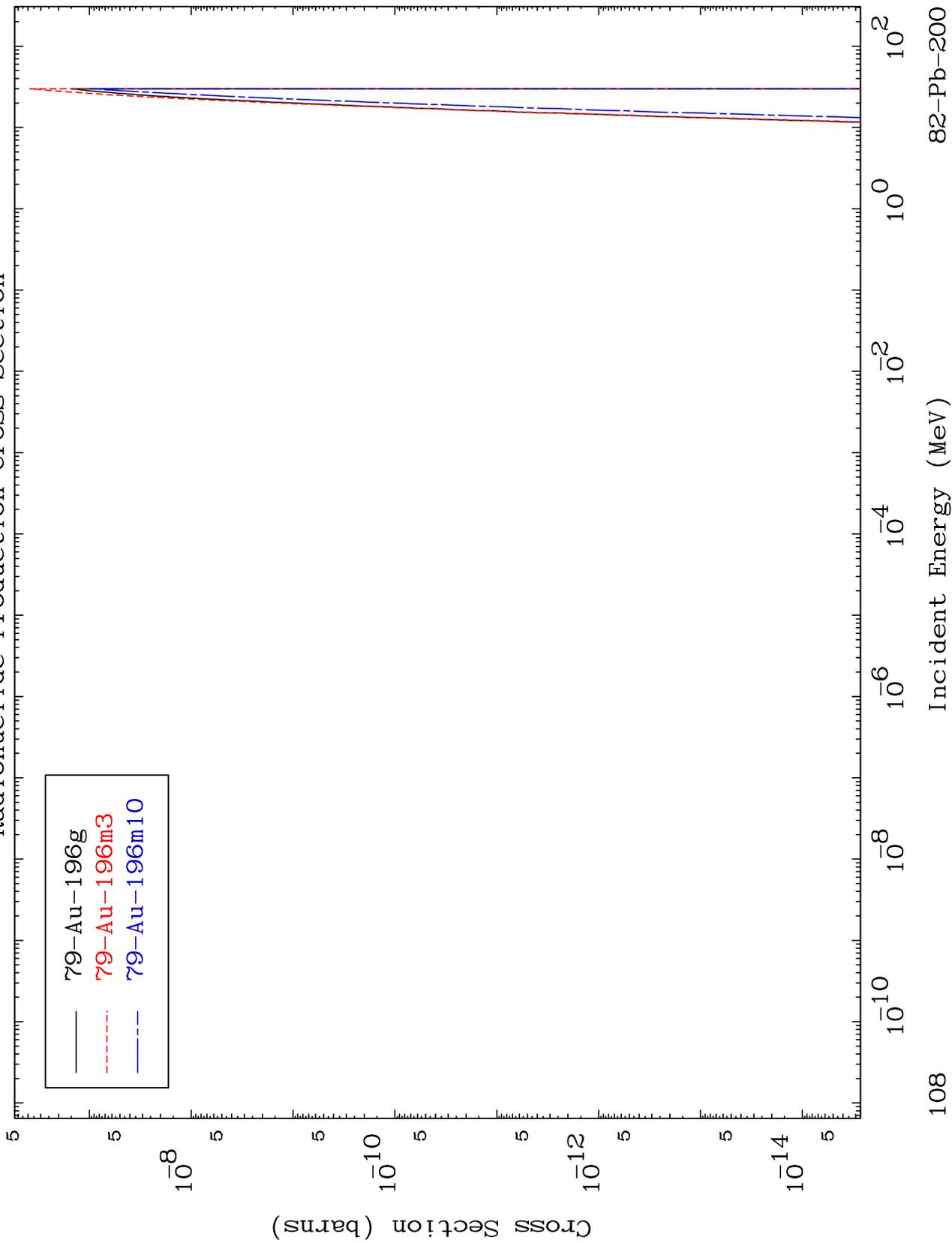
82-Pb-200

MAT 8213

(n,p) α

82-Pb-200

Radionuclide Production Cross Section

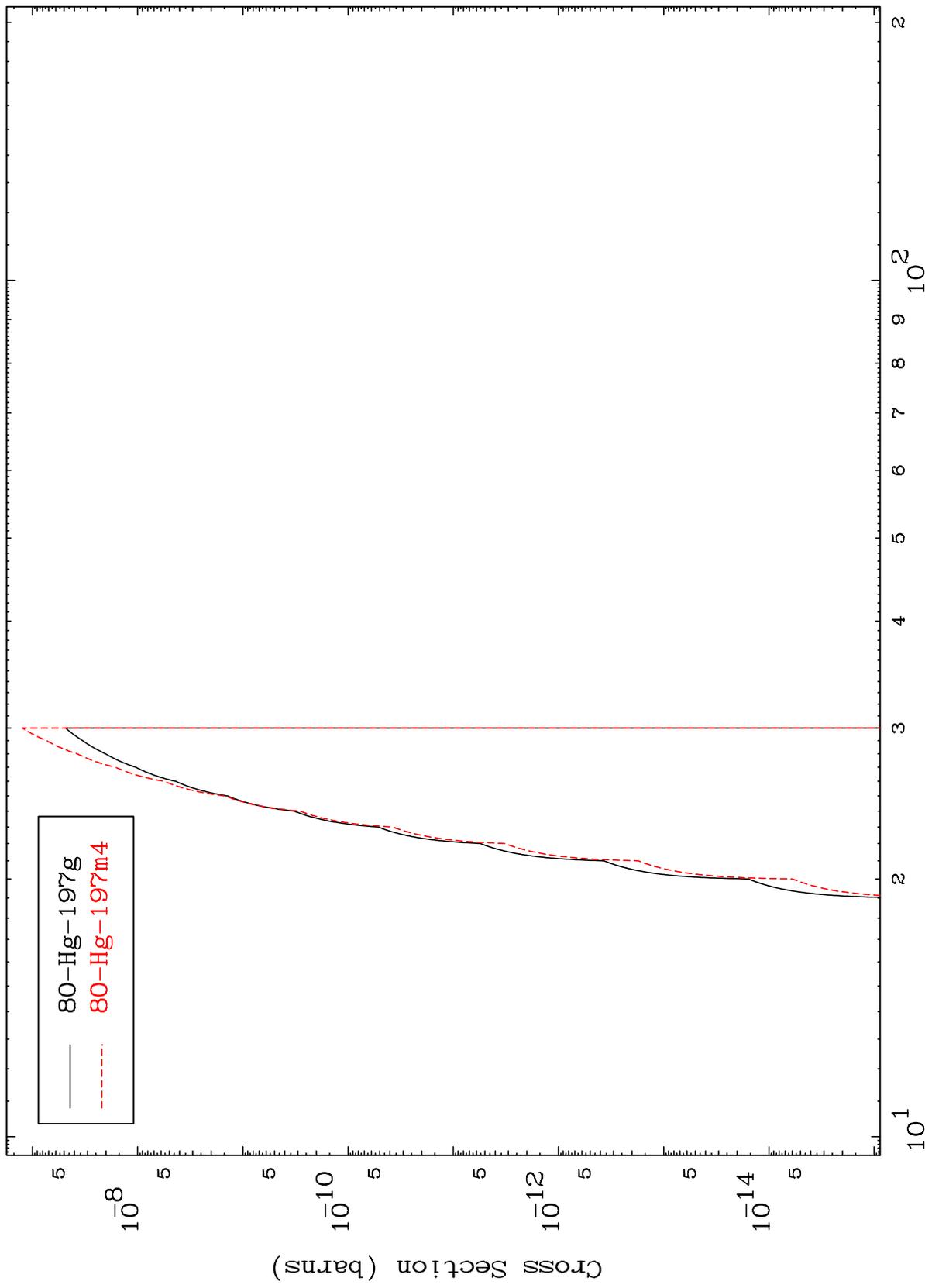


MAT 8213

(n,p) t

82-Pb-200

Radionuclide Production Cross Section



109

Incident Energy (MeV)

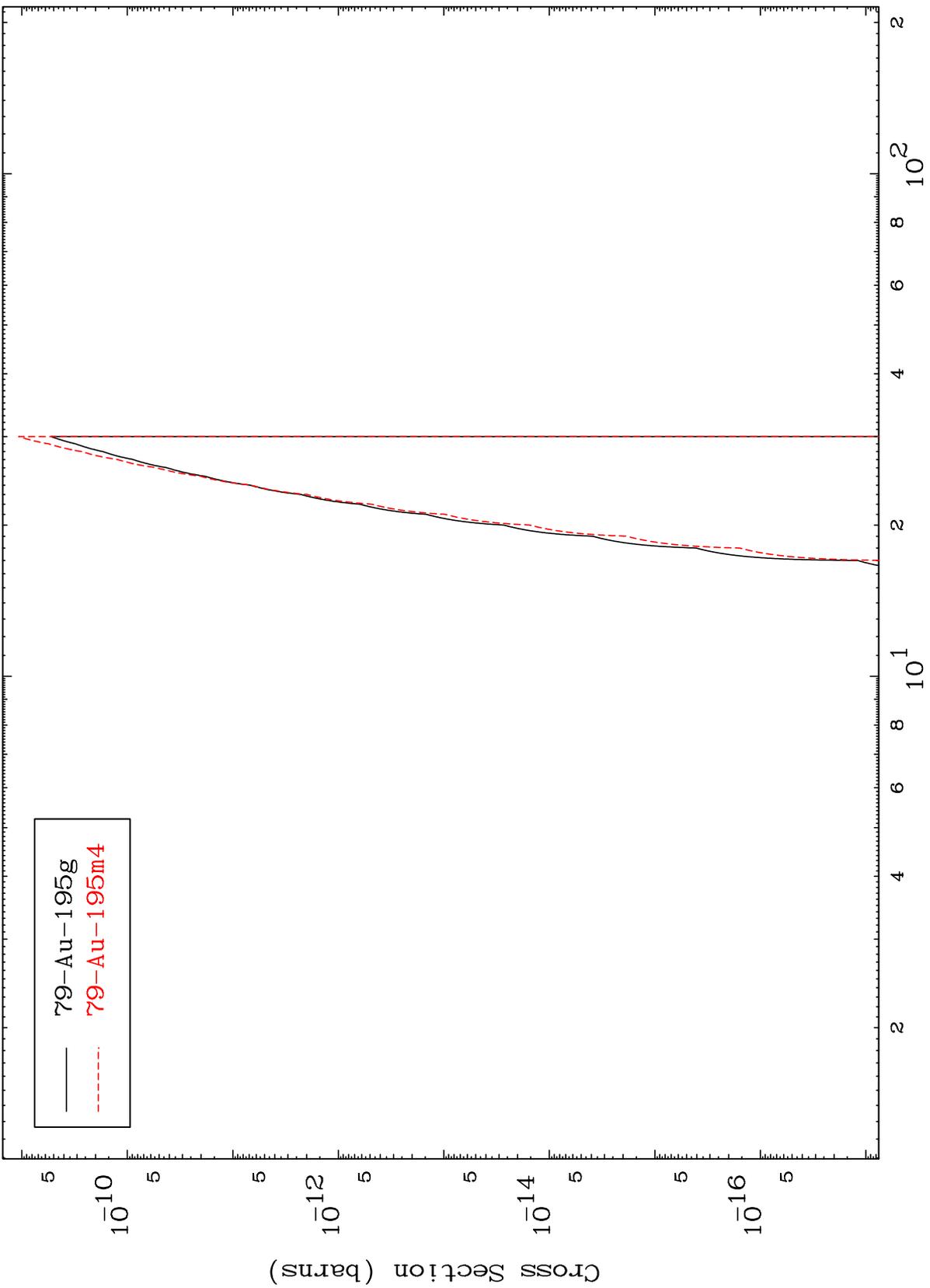
82-Pb-200

MAT 8213

(n,d) α

82-Pb-200

Radionuclide Production Cross Section



110

Incident Energy (MeV)

82-Pb-200