

Program EVALPLOT
(Version 2017-1)

by

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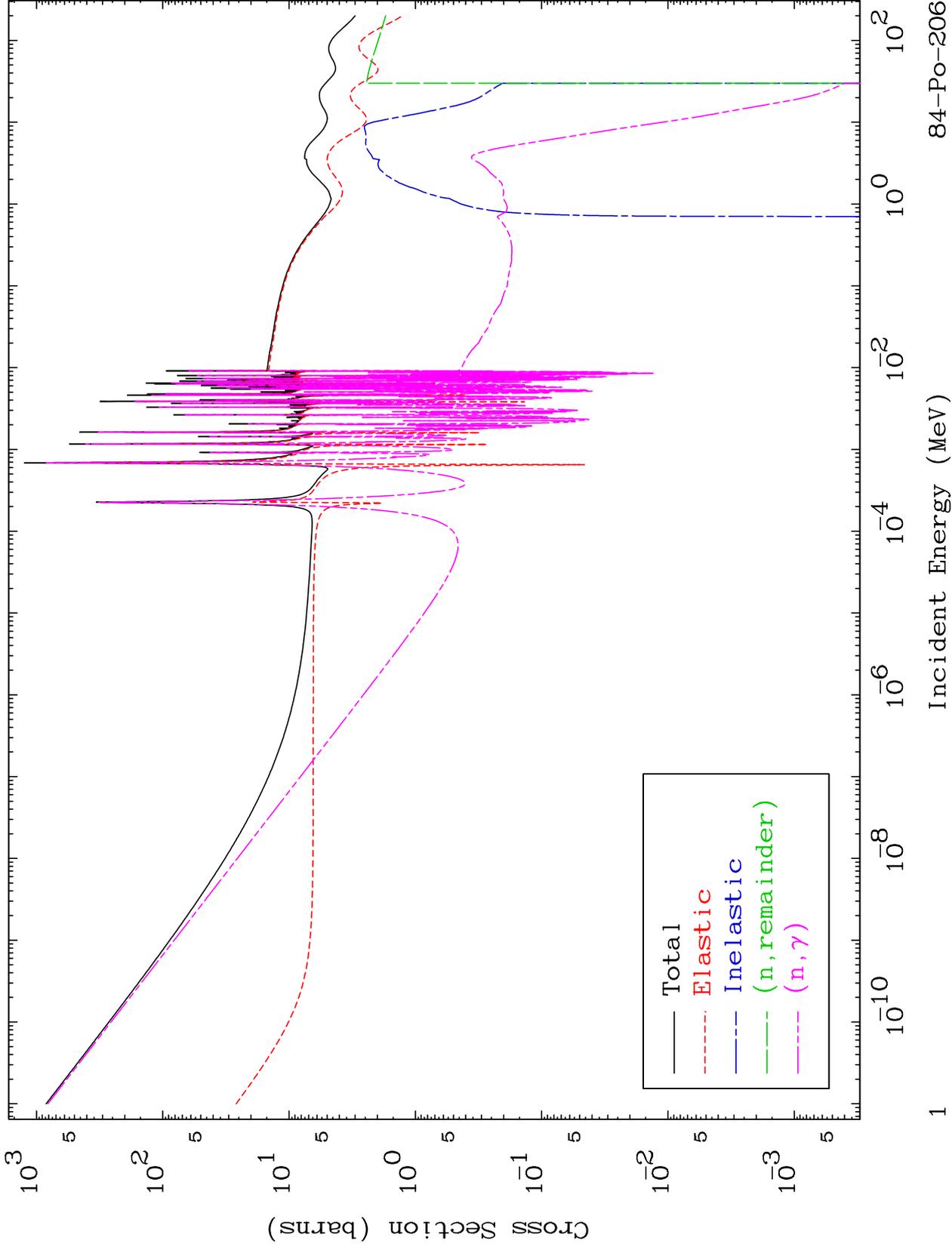
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Press Mouse Button to Start

MAT 8425

Major
293 Kelvin Cross Sections

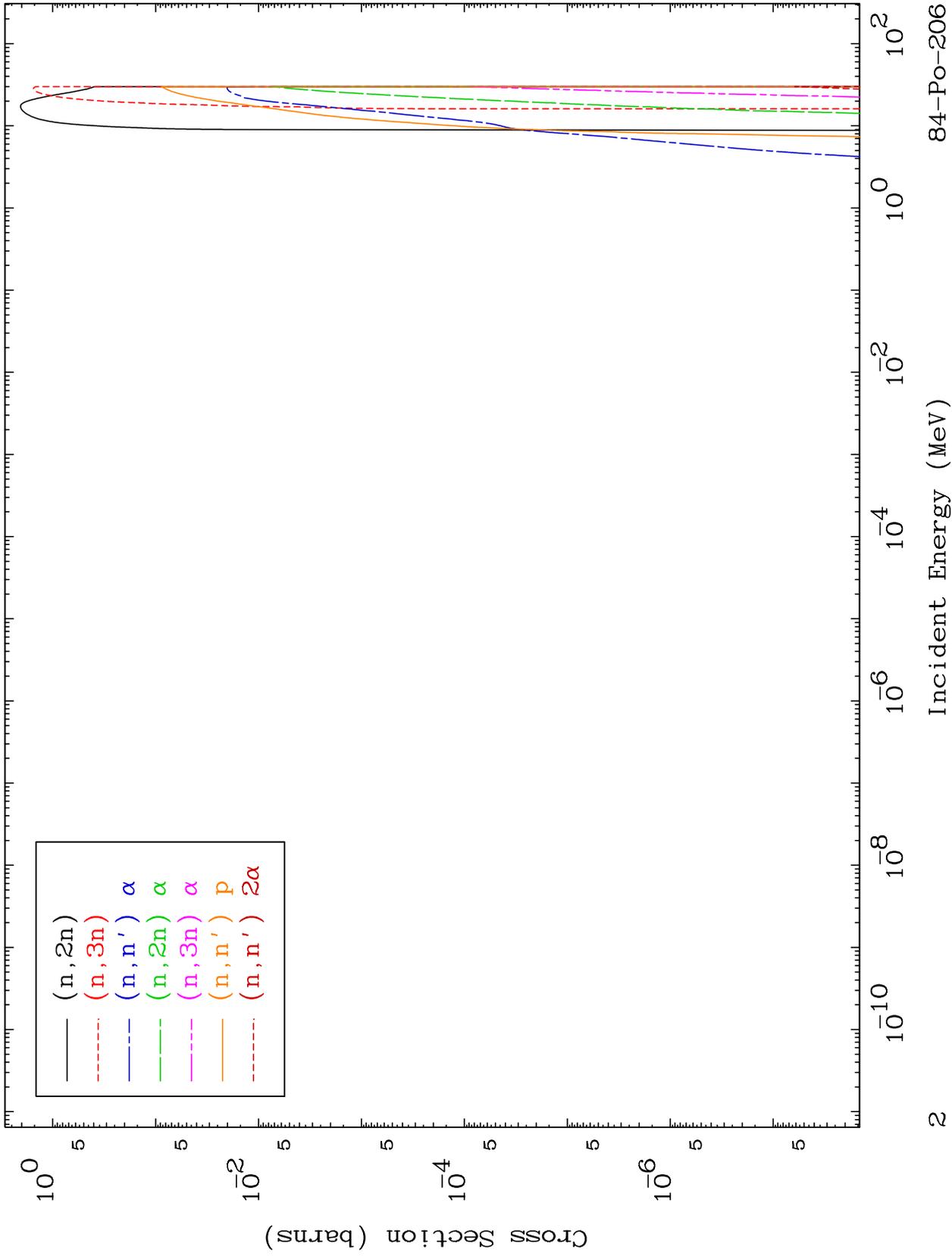
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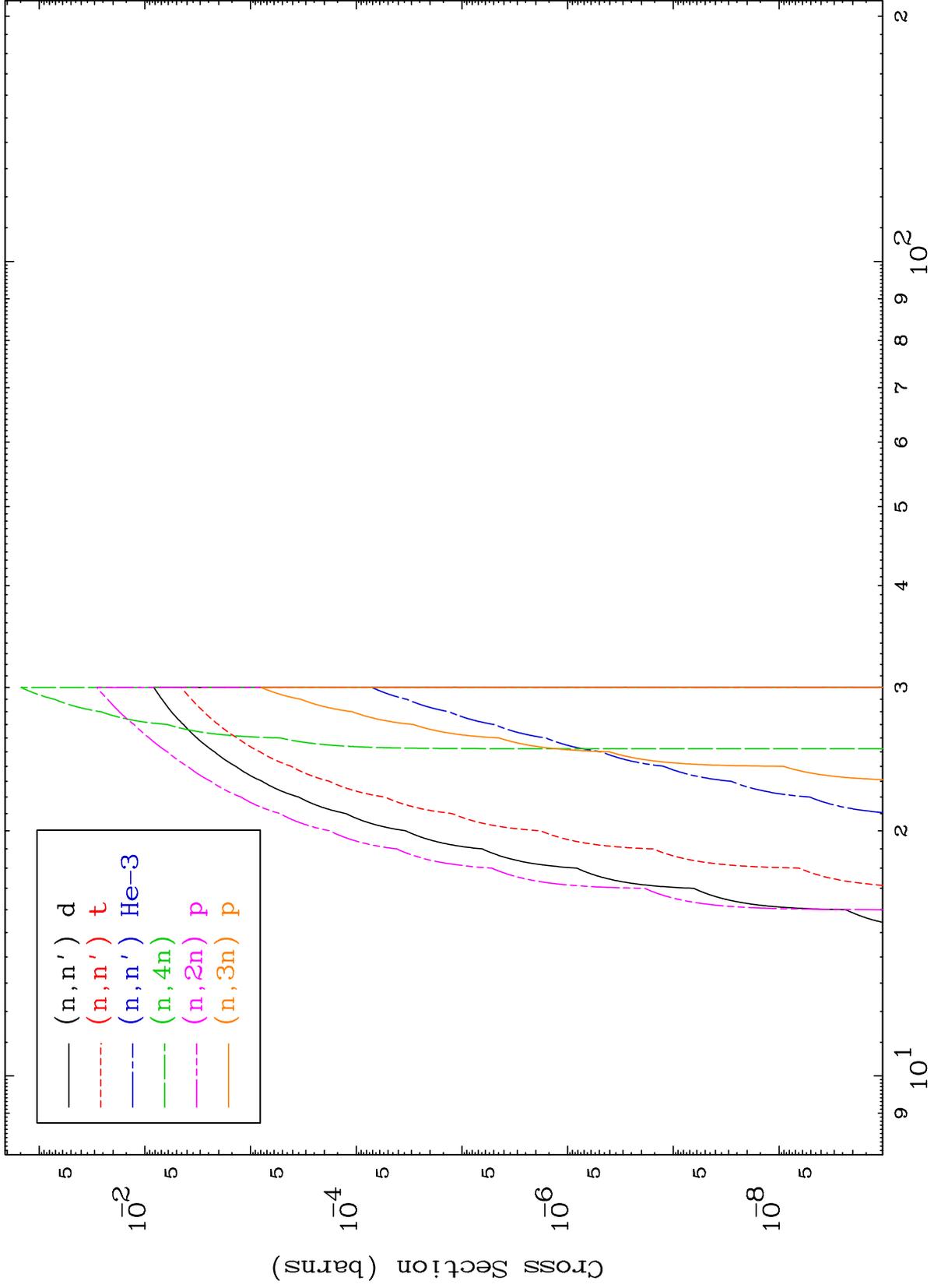


MAT 8425

Neutron Production
293 Kelvin Cross Sections

84-Po-206

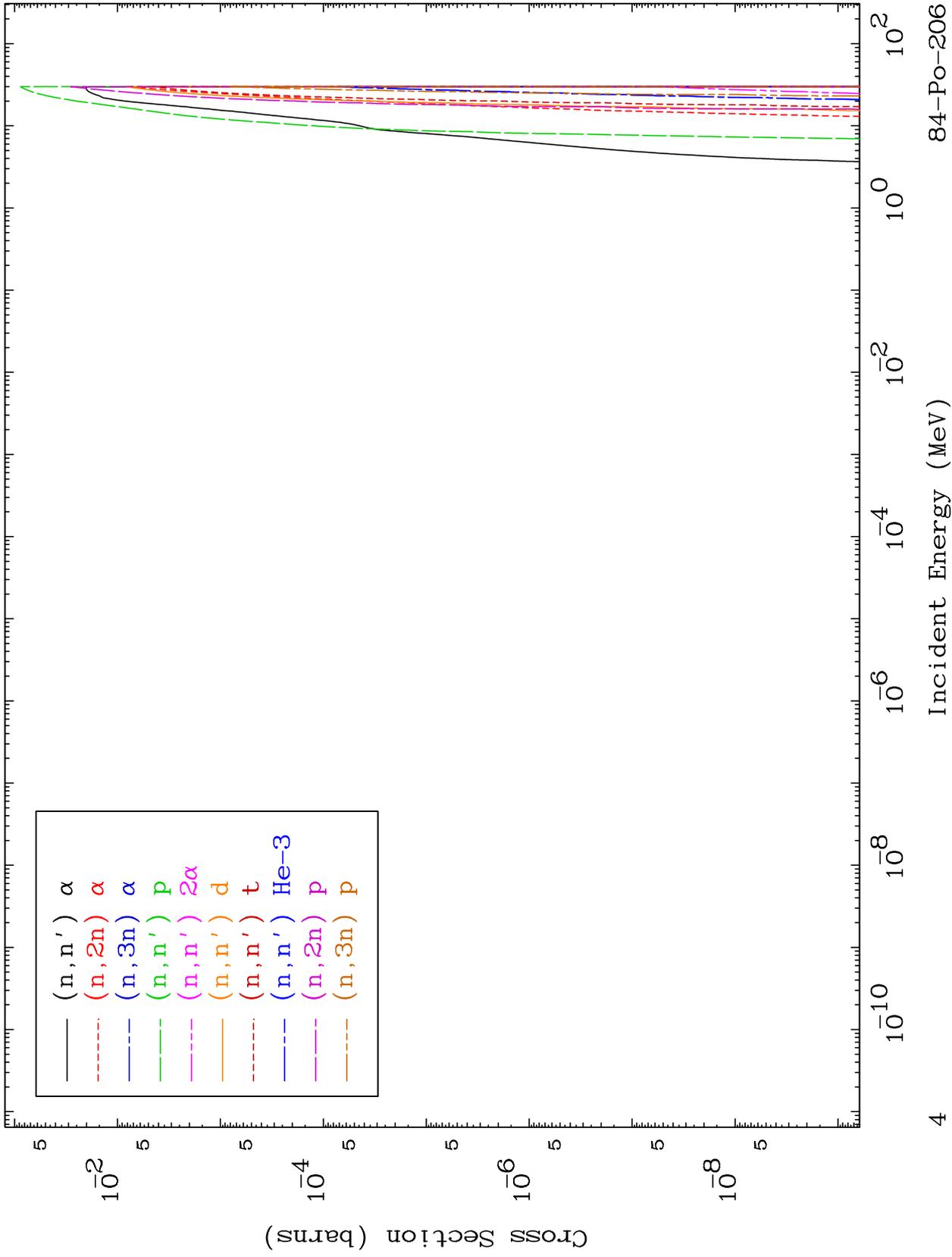




MAT 8425

Charged Particle
293 Kelvin Cross Sections

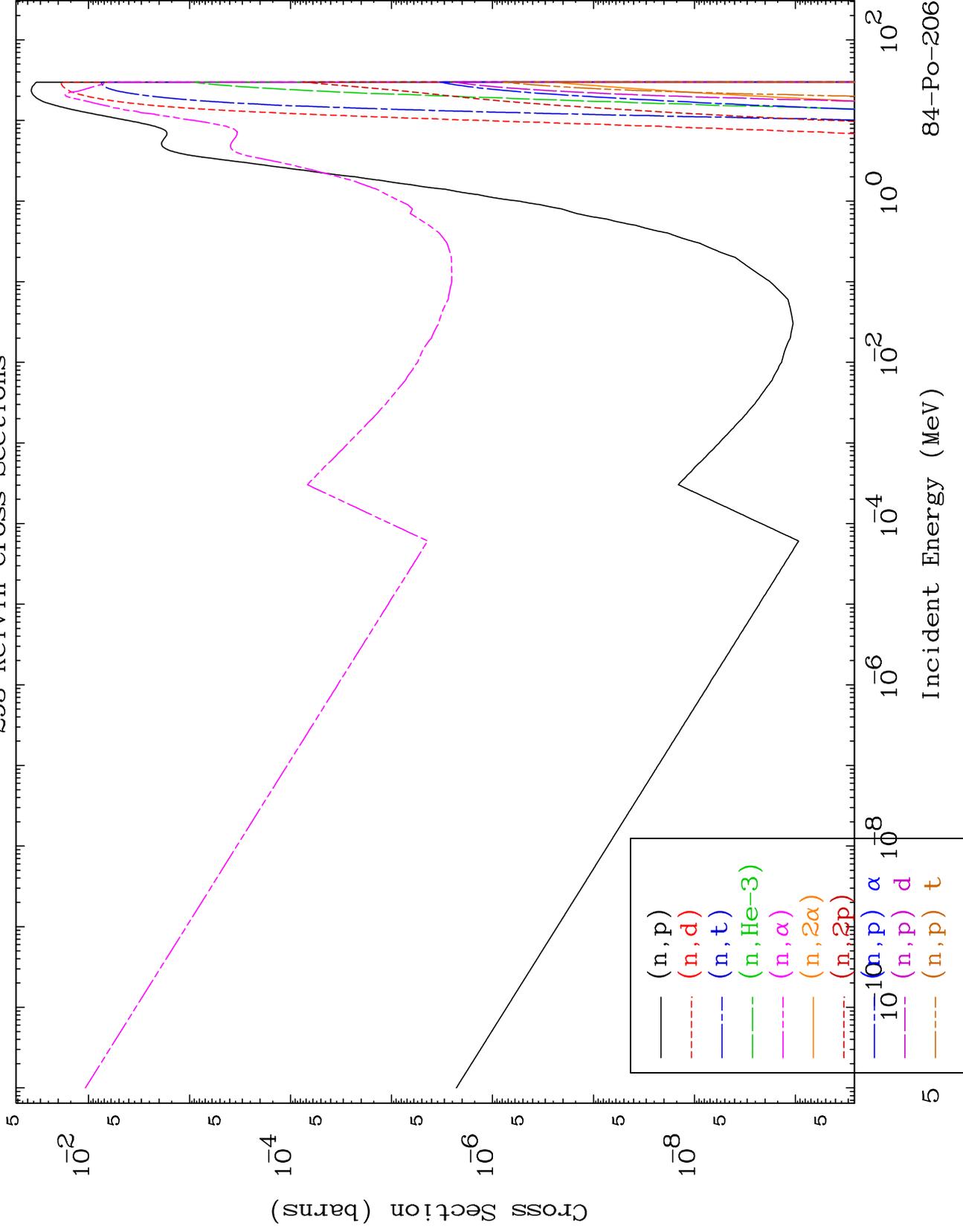
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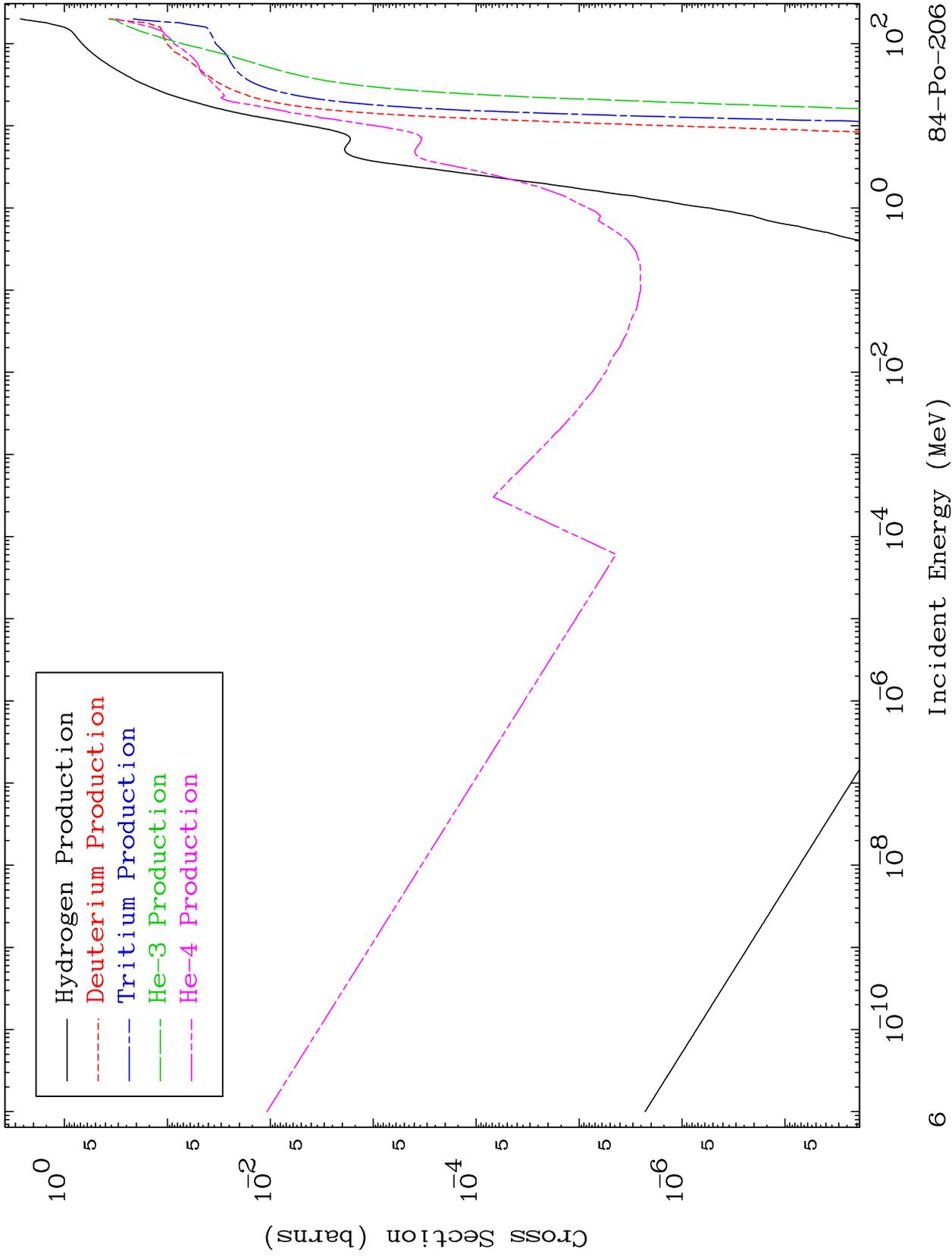


MAT 8425

Charged Particle
293 Kelvin Cross Sections

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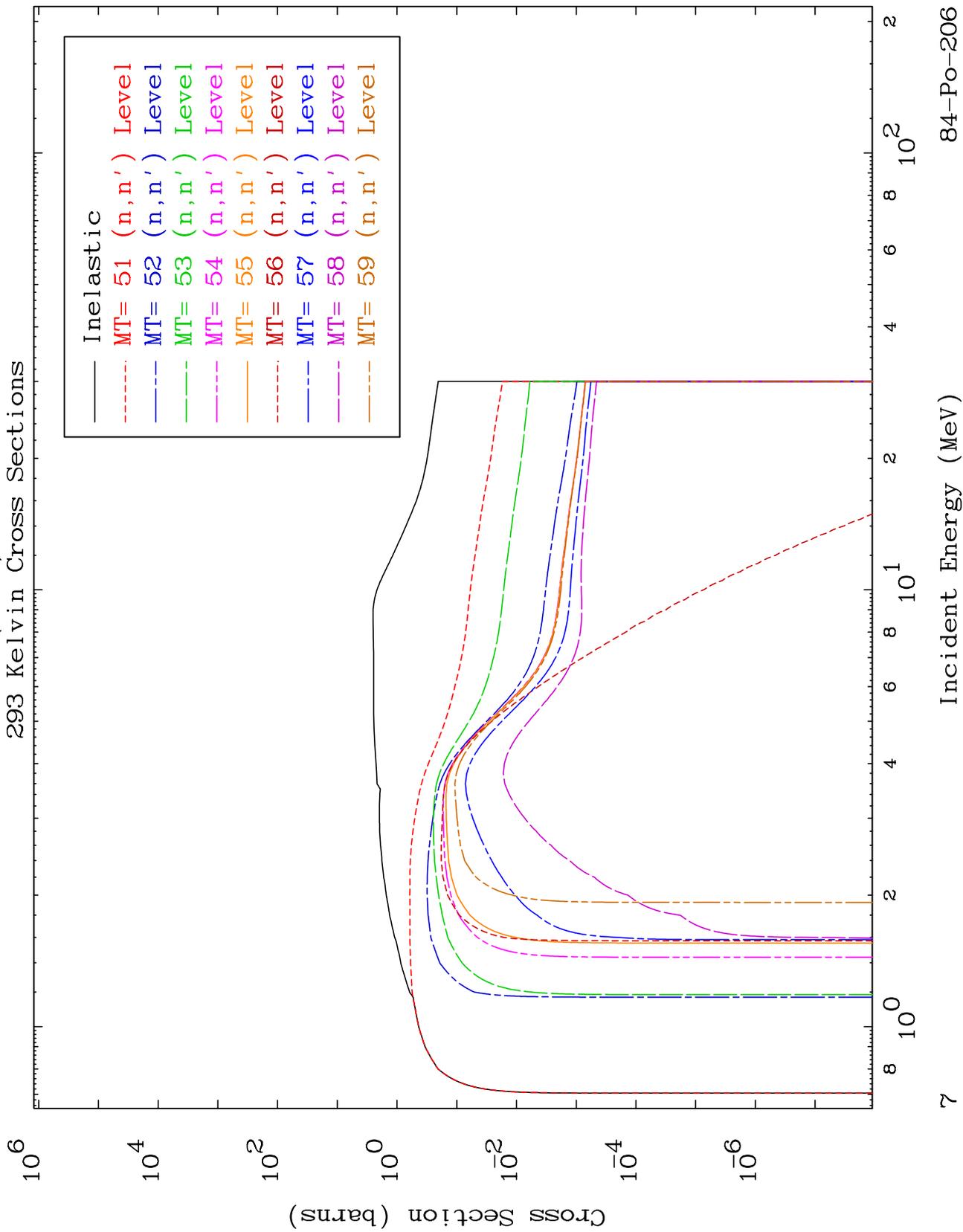




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(n,n') Level

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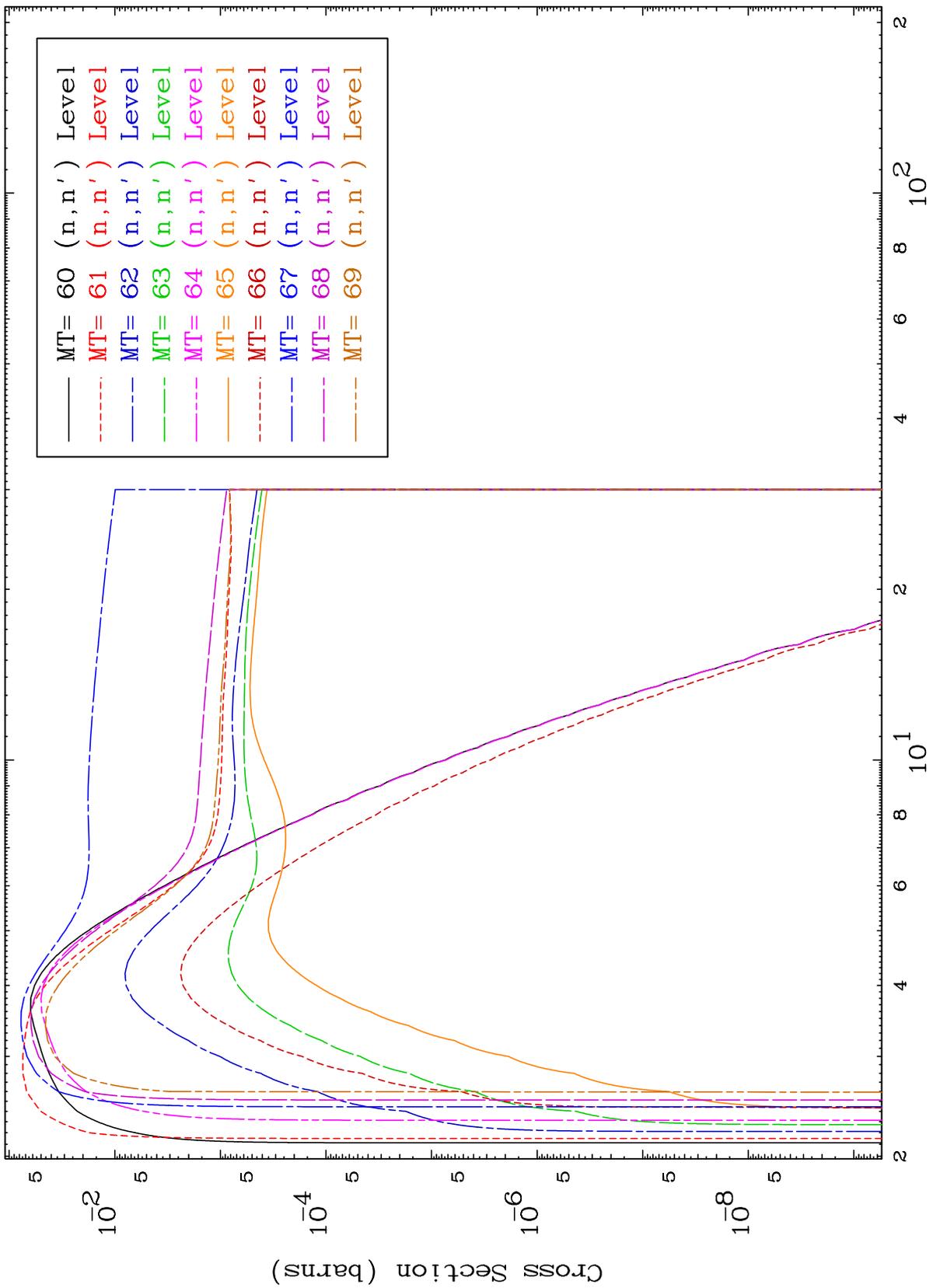


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(n,n') Level

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293 Kelvin Cross Sections

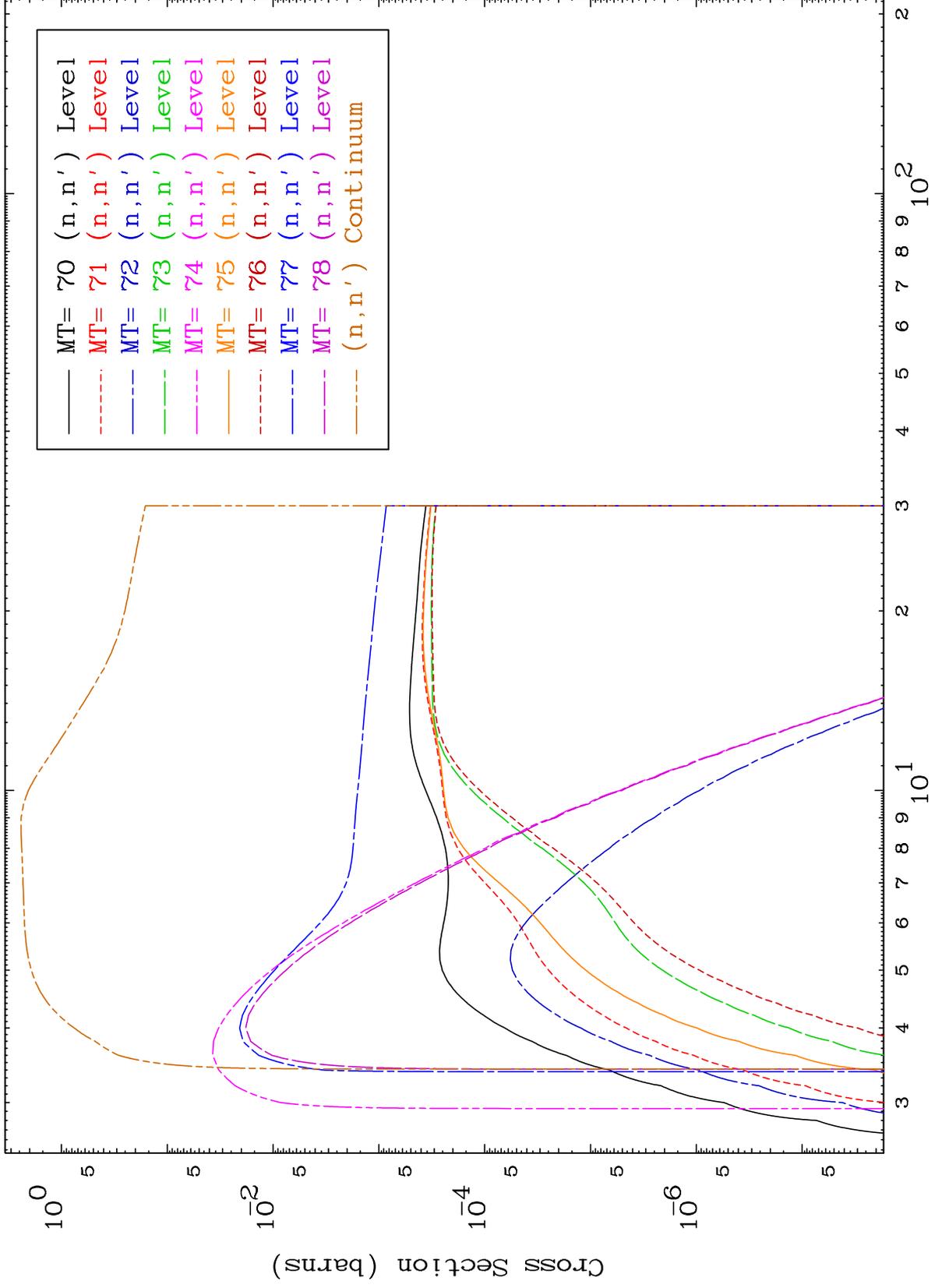


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Incident Energy (MeV)

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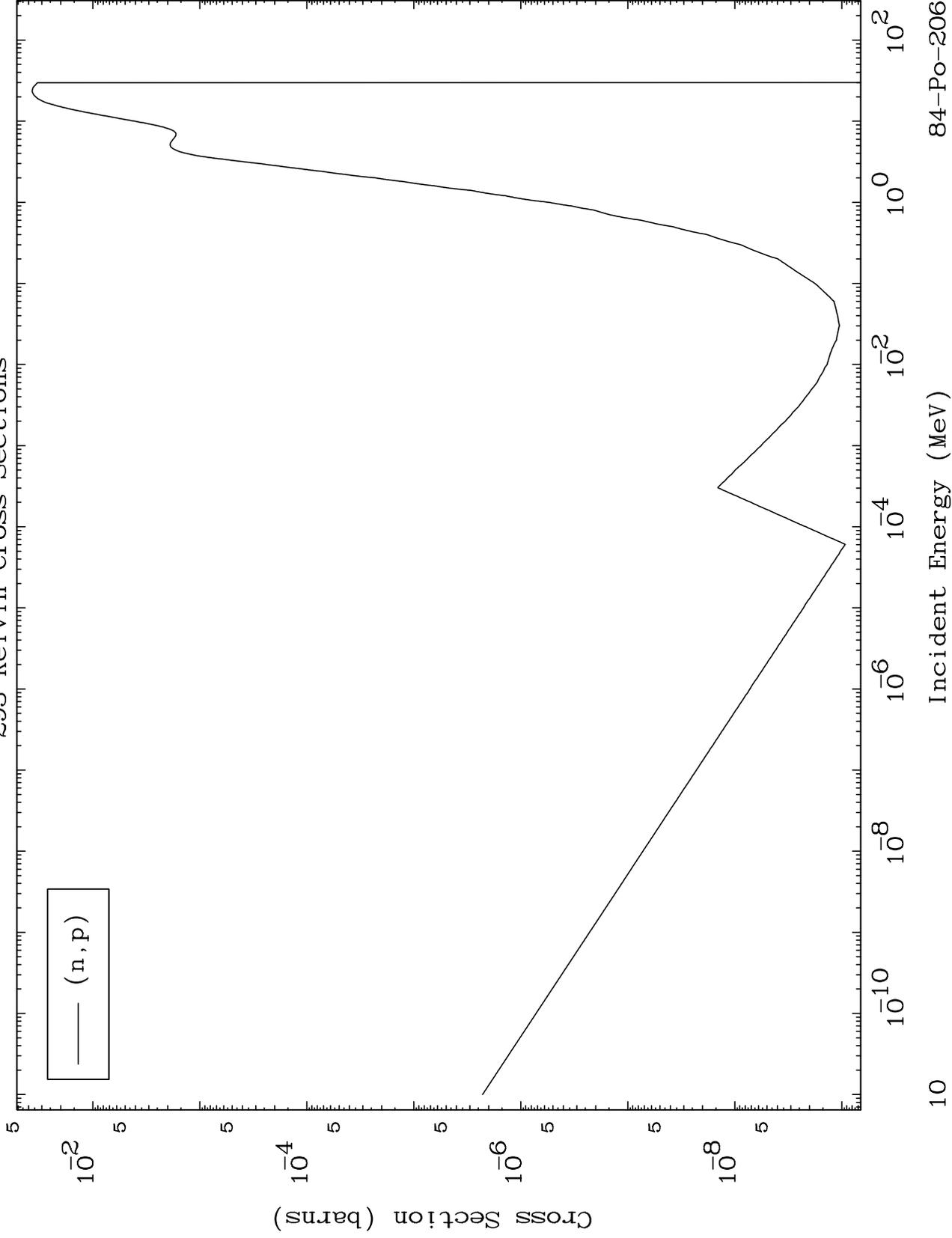
293 Kelvin Cross Sections



MAT 8425

(n,p) Levels
293 Kelvin Cross Sections

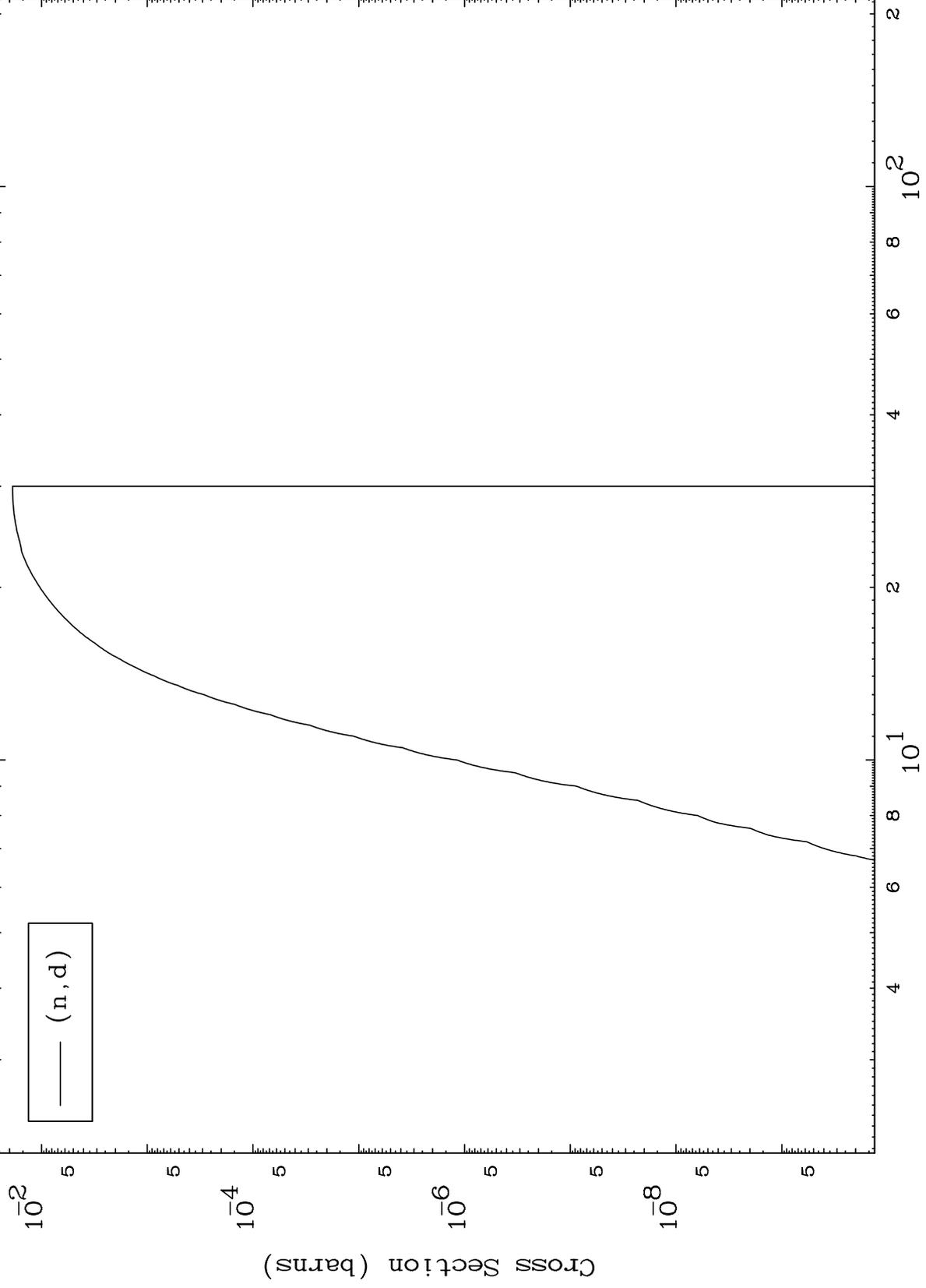
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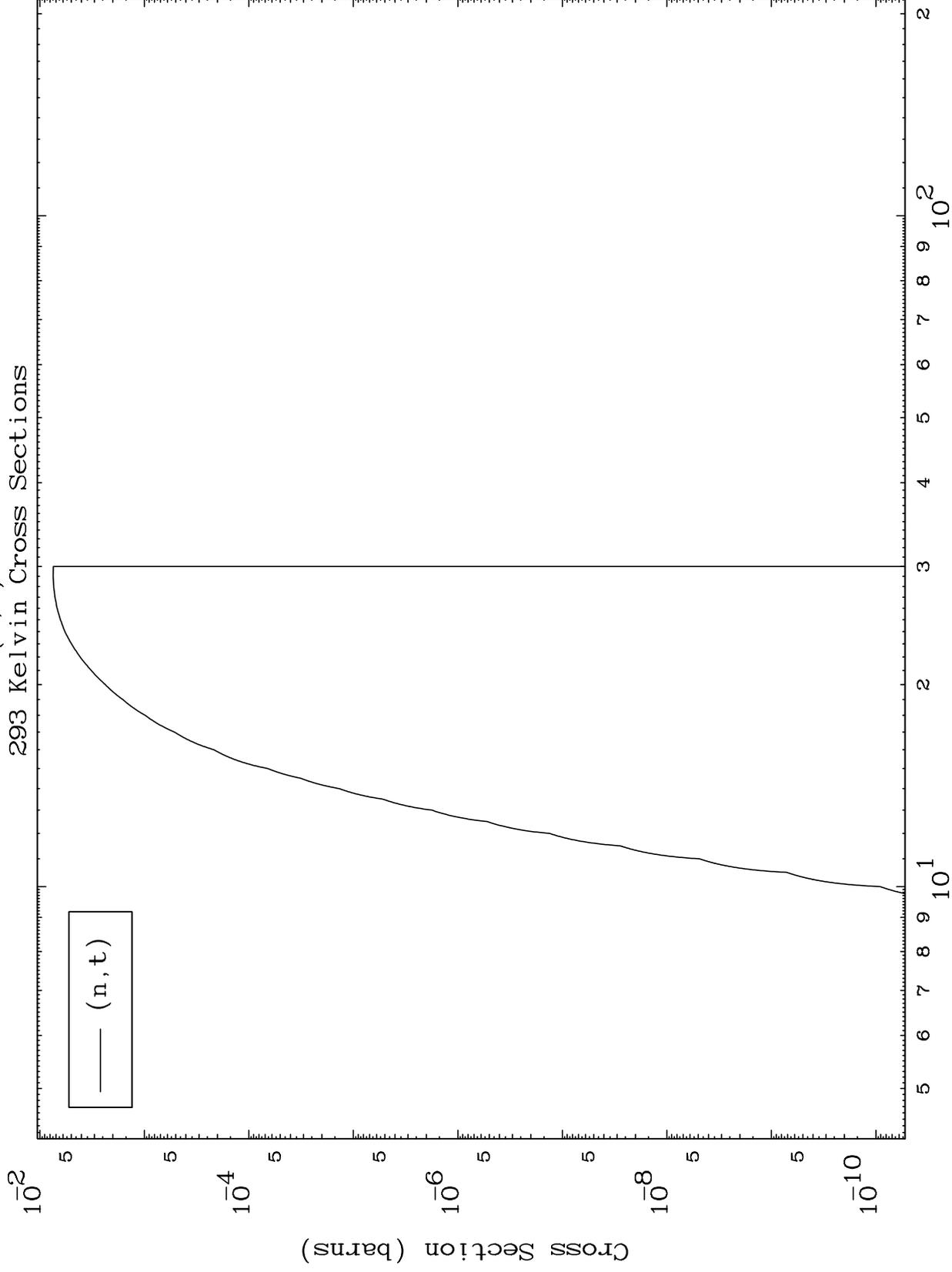
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MAT 8425

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293 Kelvin Cross Sections

84-Po-206



12

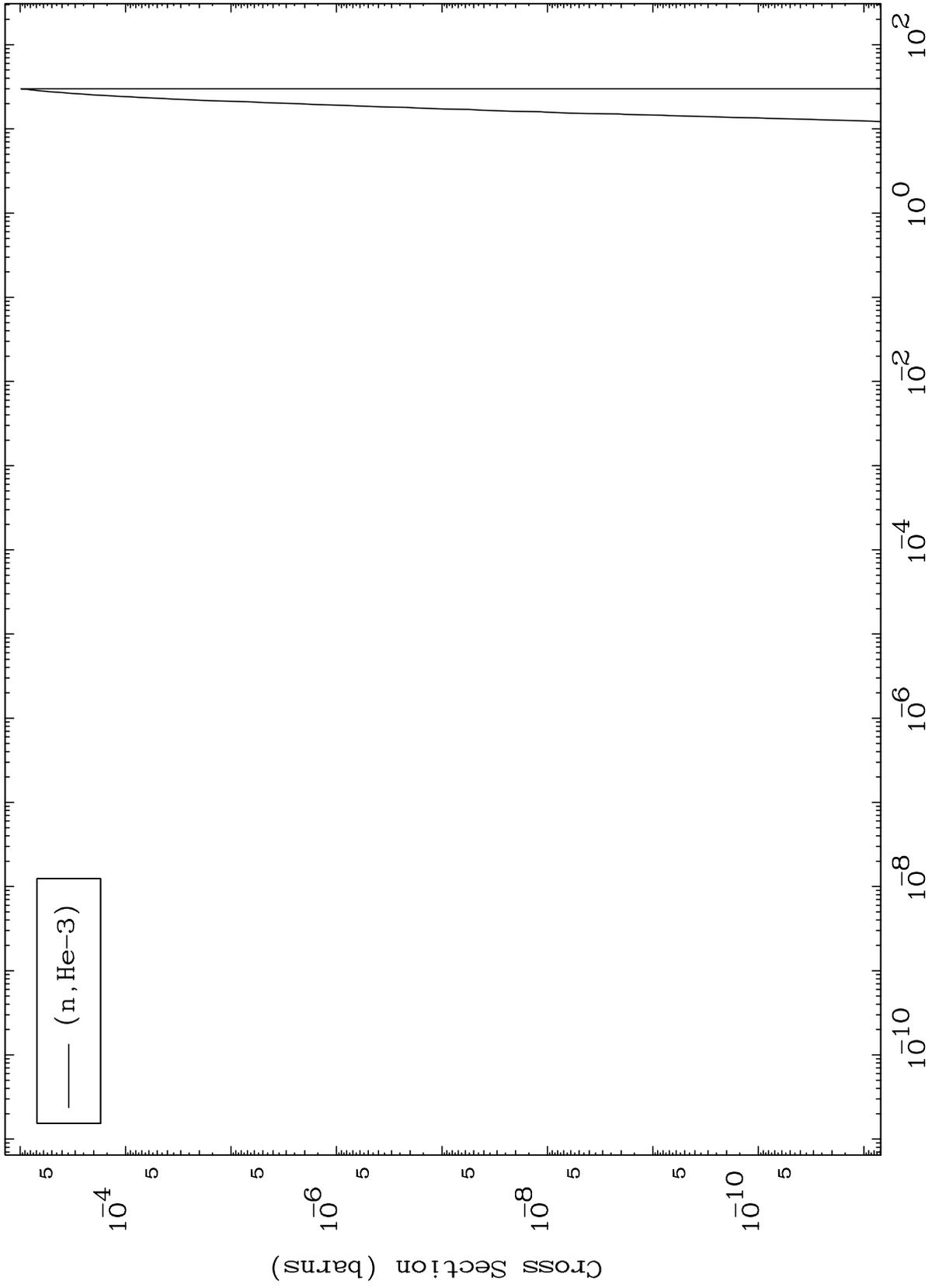
Incident Energy (MeV)

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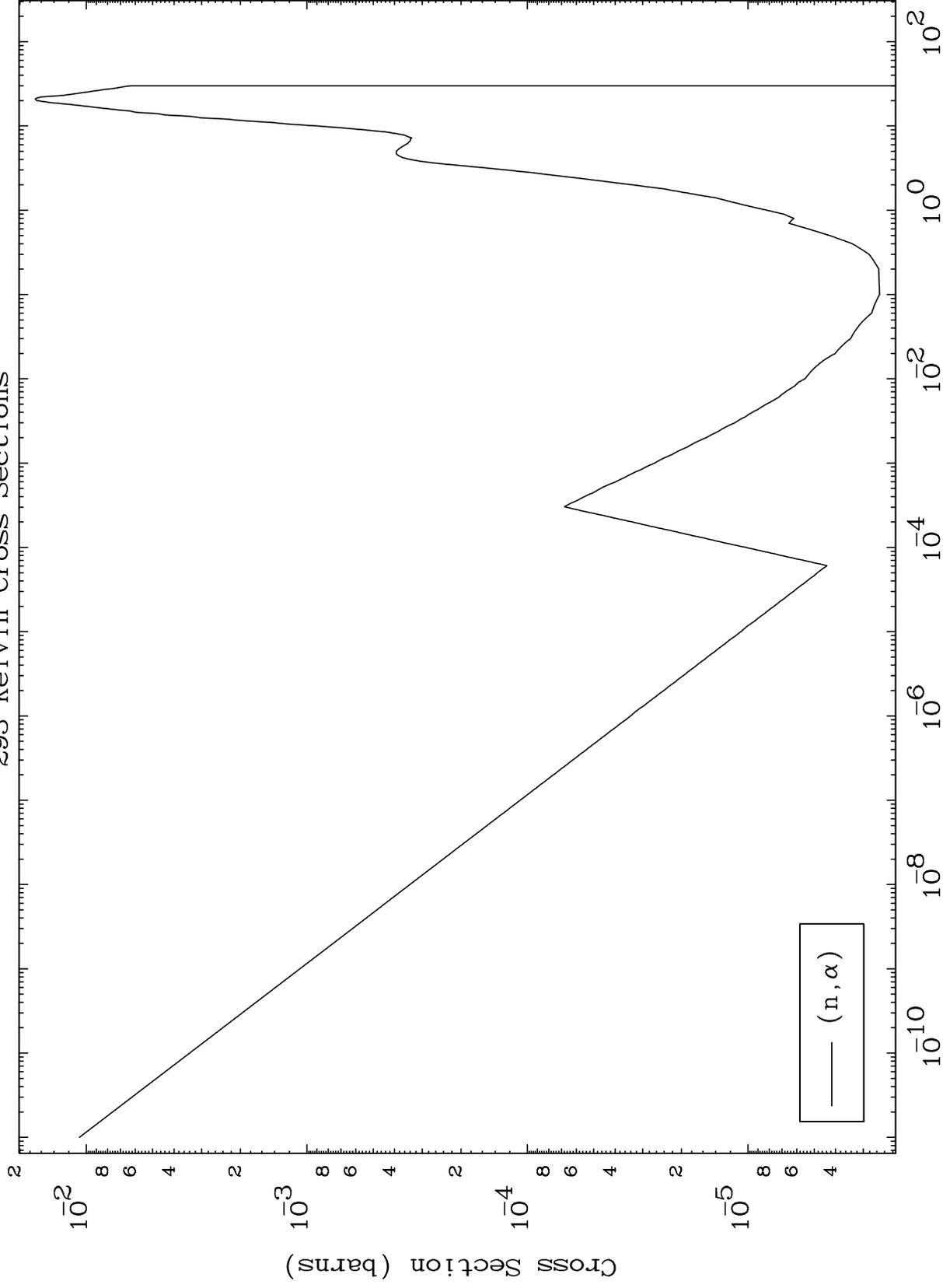
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MAT 8425

(n, α) Levels
293 Kelvin Cross Sections

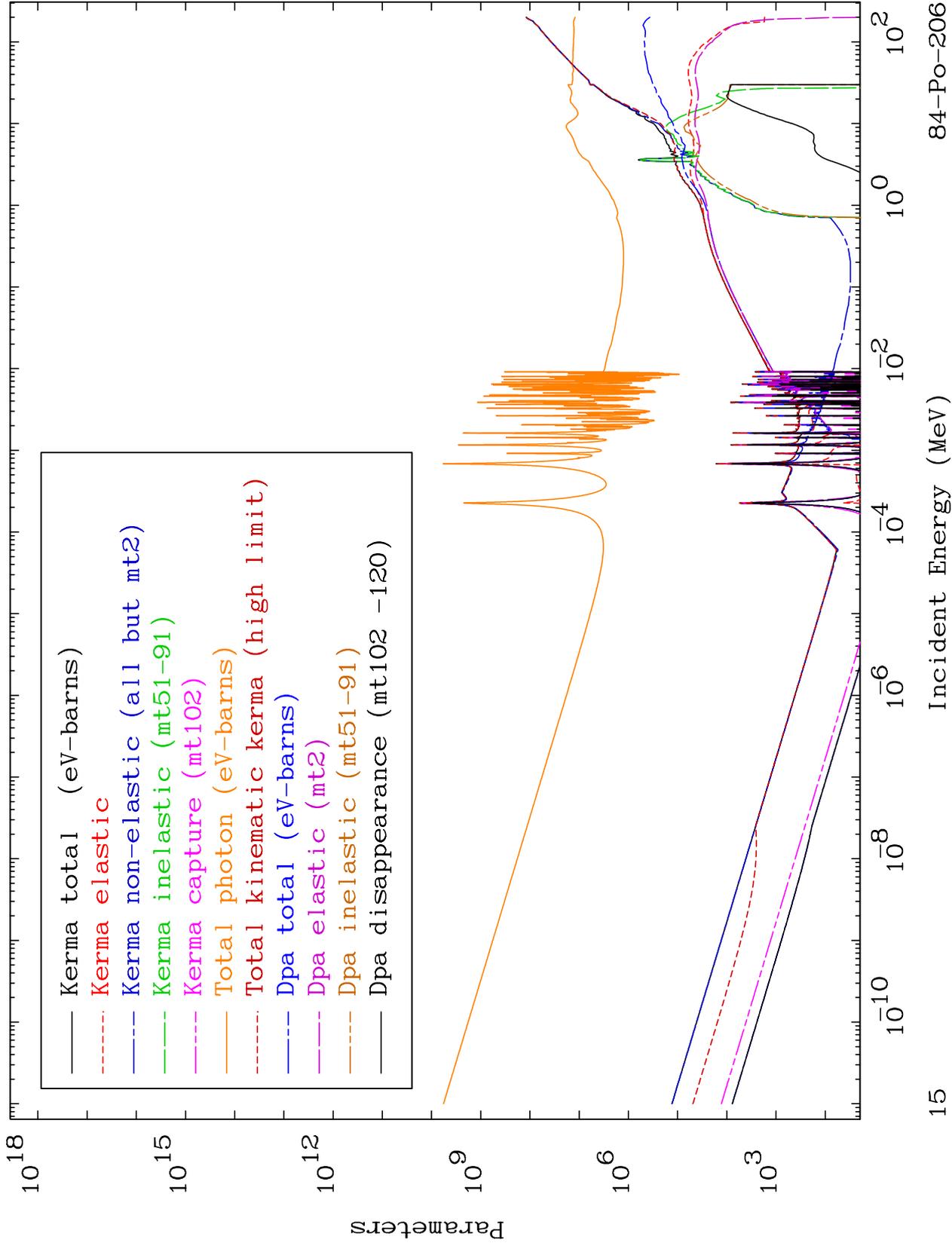
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84-Po-206

Incident Energy (MeV)

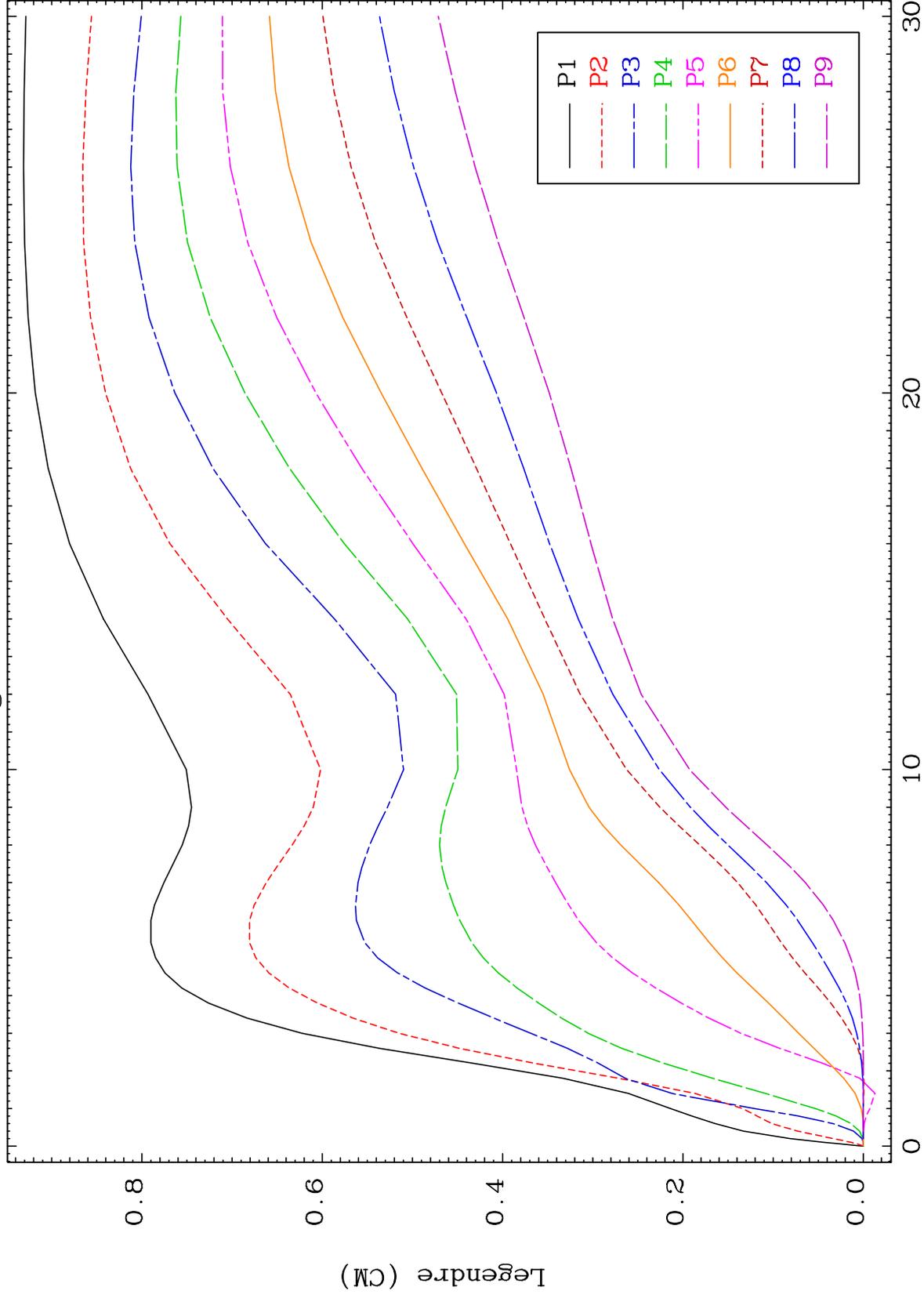
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MAT 8425

Elastic Legendre Coefficients

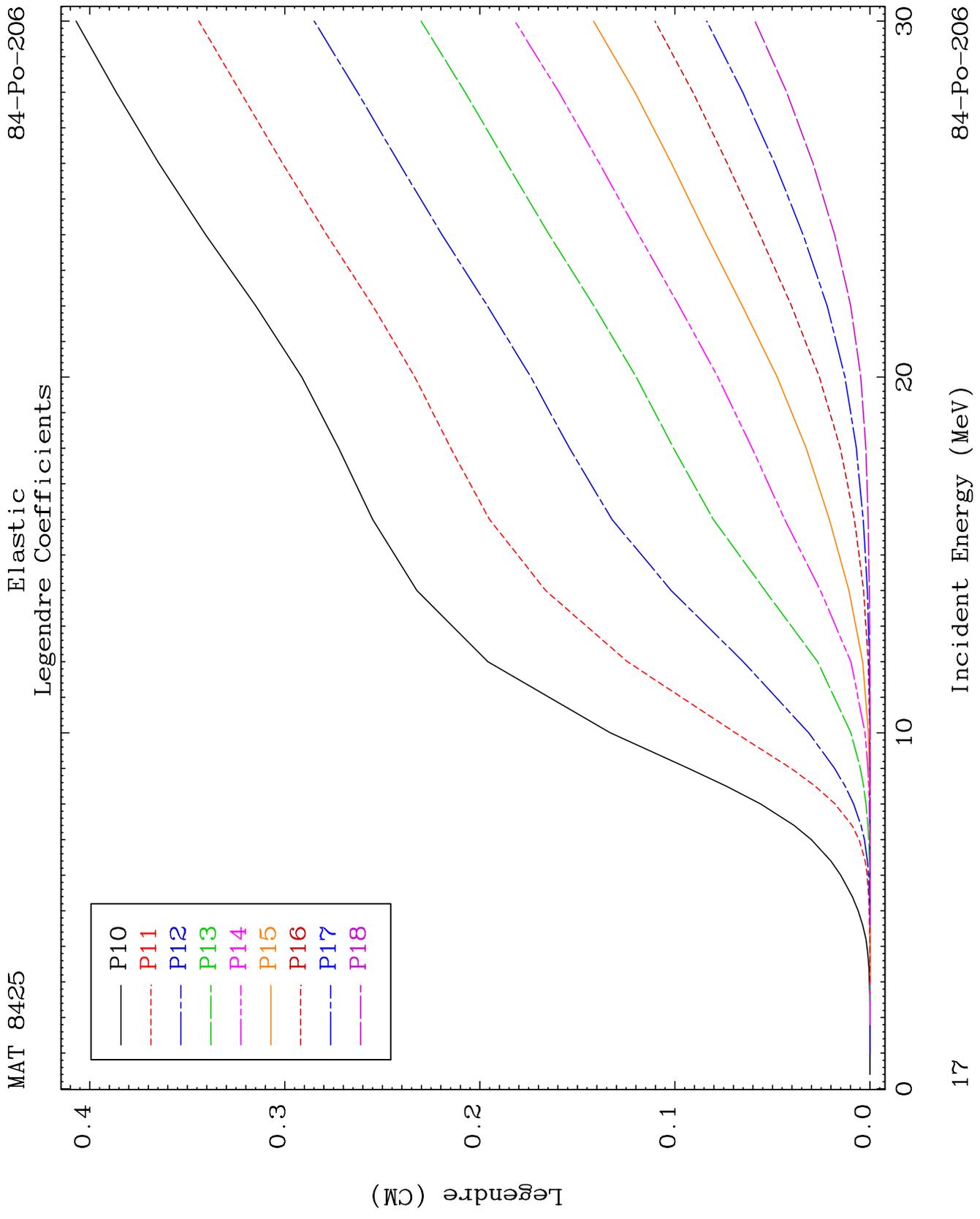
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16

Incident Energy (MeV)

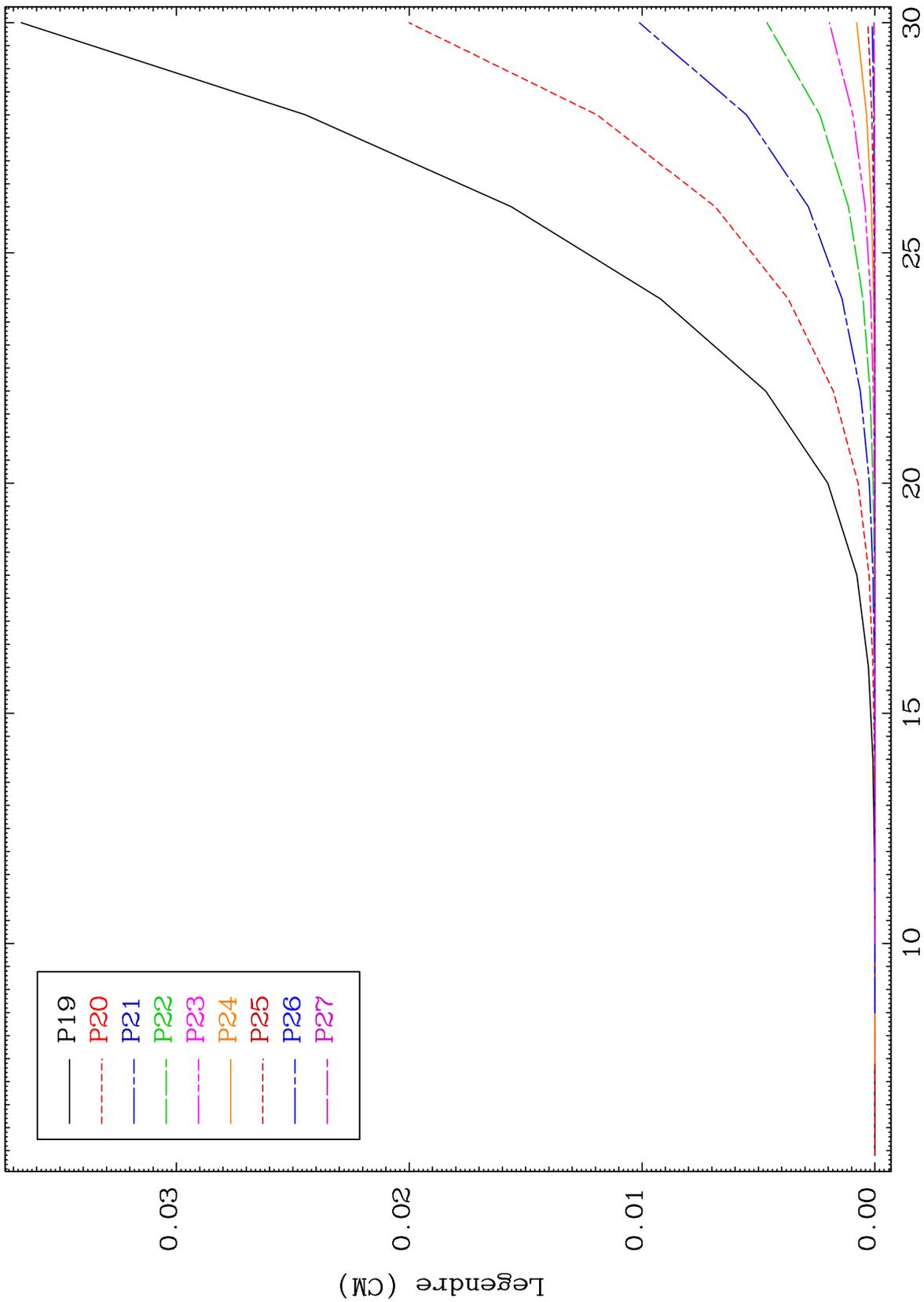
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MAT 8425

Elastic Legendre Coefficients

84-Po-206



18

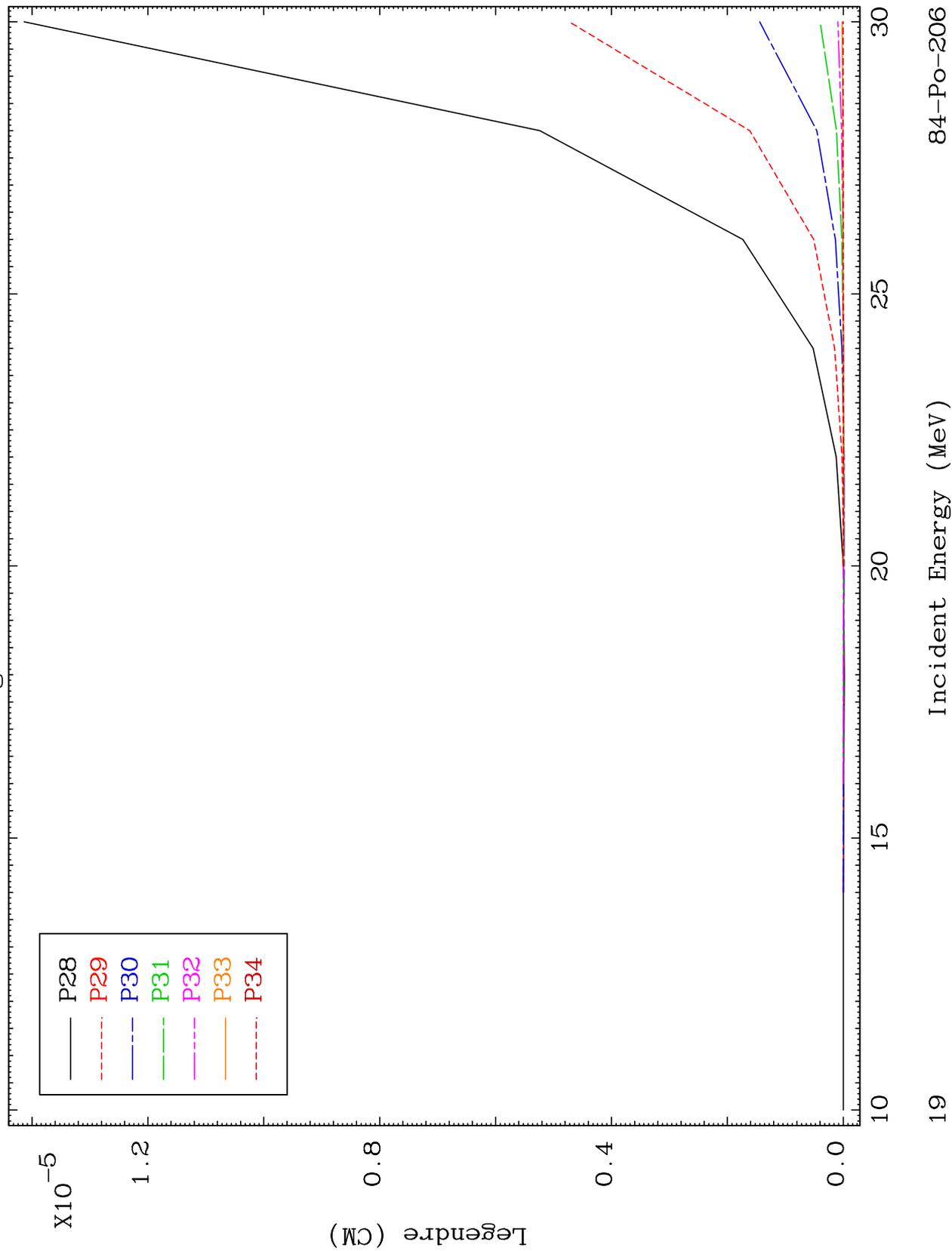
Incident Energy (MeV)

84-Po-206

MAT 8425

Elastic Legendre Coefficients

84-Po-206

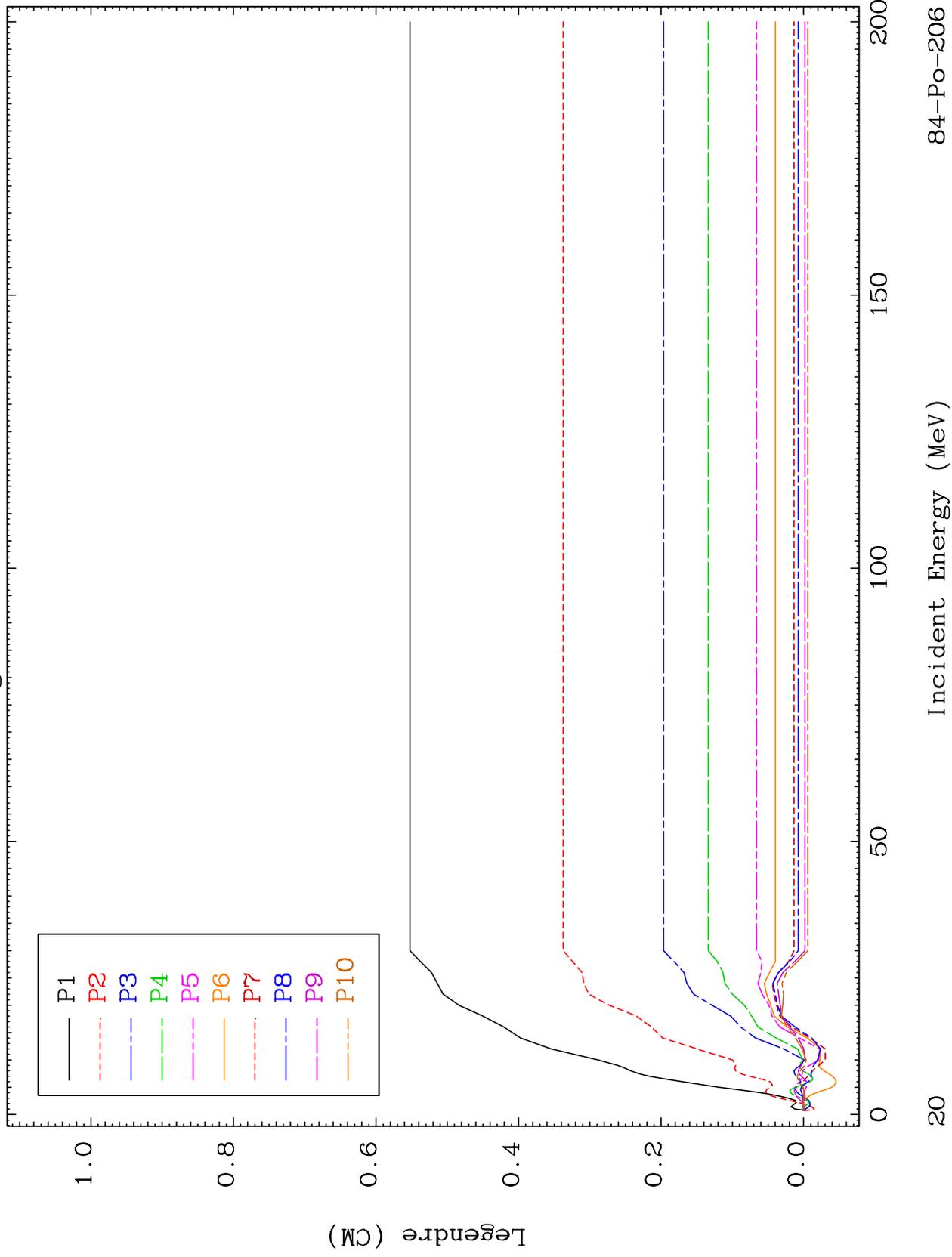


- P28
- P29
- P30
- P31
- P32
- P33
- P34

MAT 8425

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

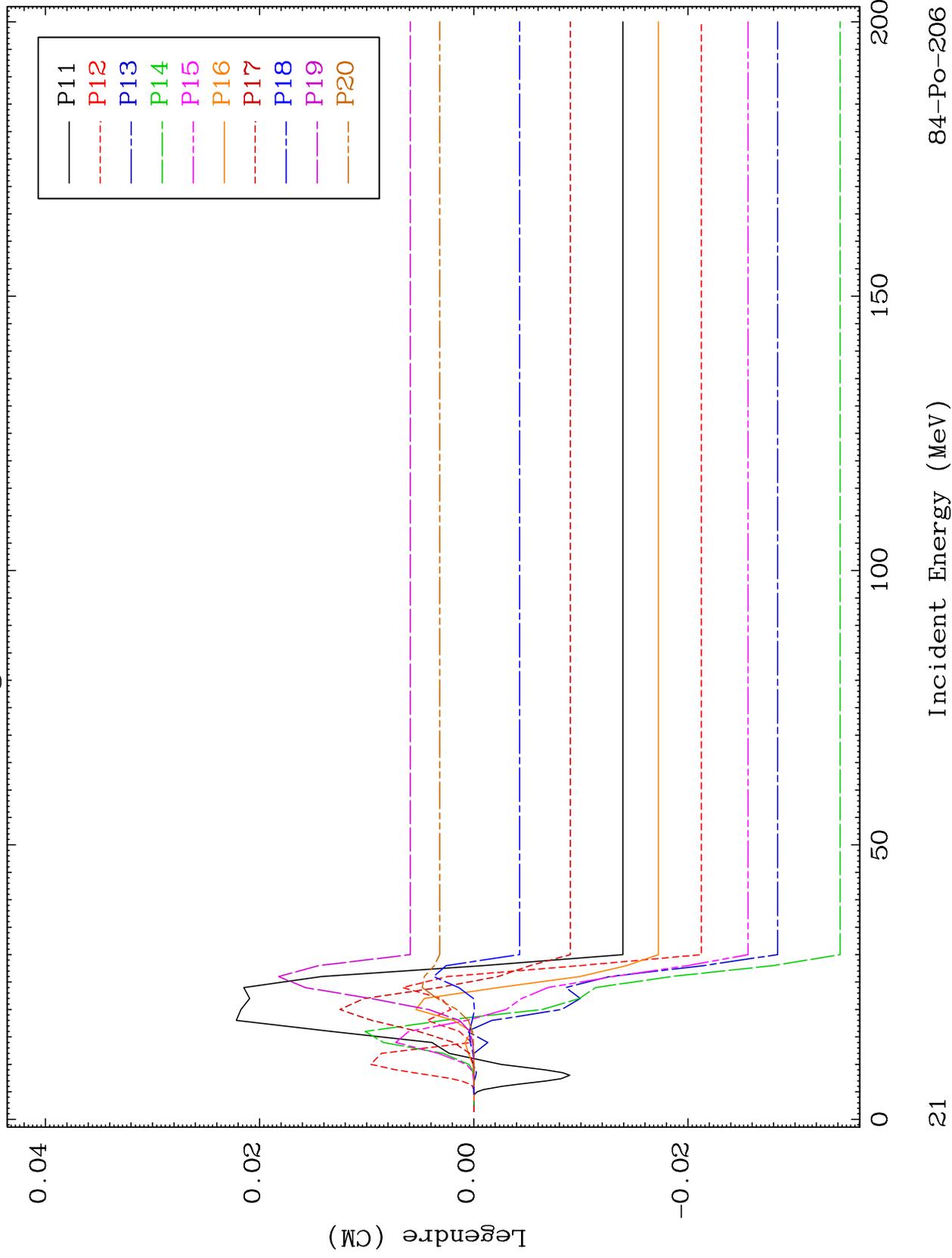
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MAT 8425

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

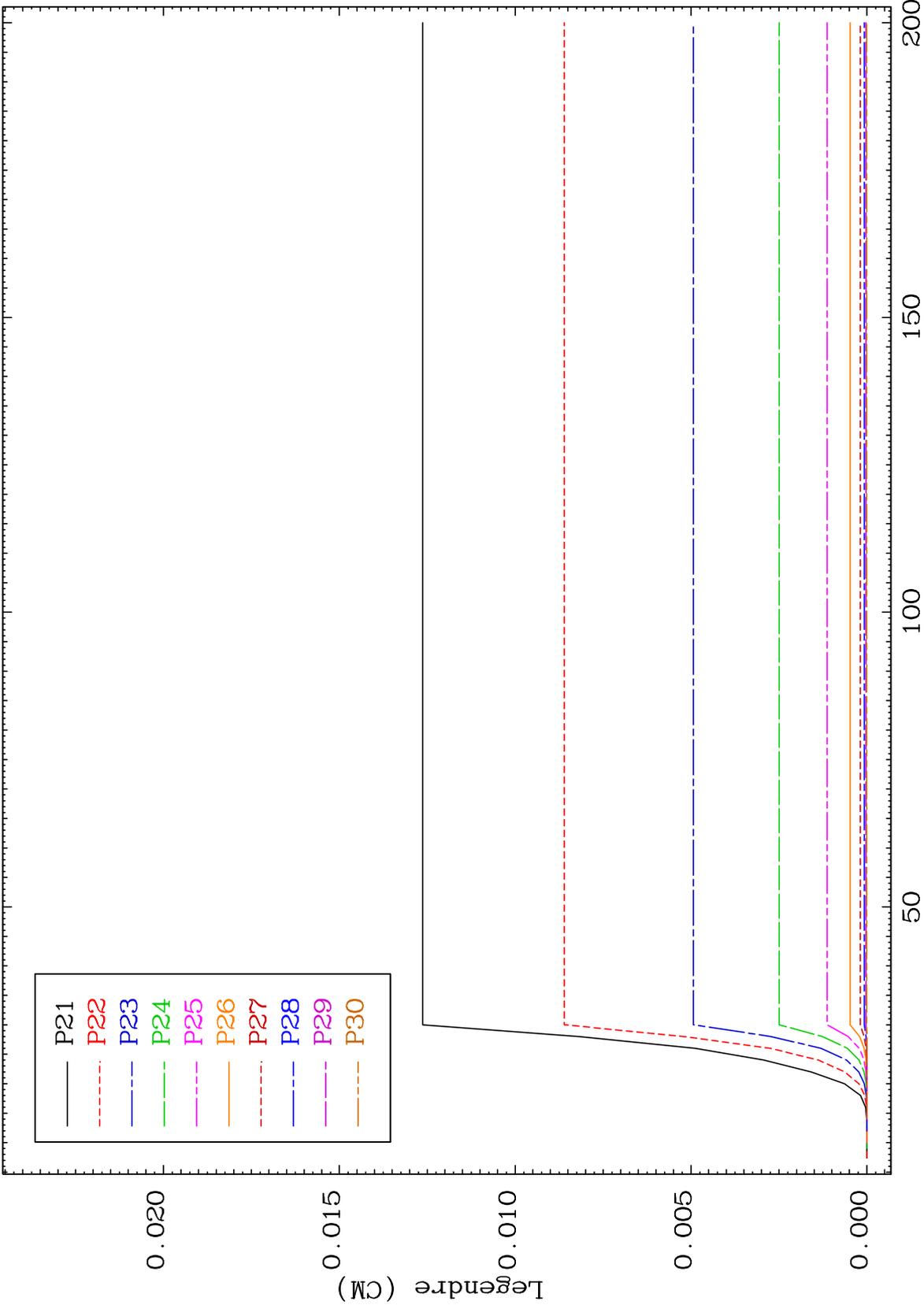
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21

Incident Energy (MeV)

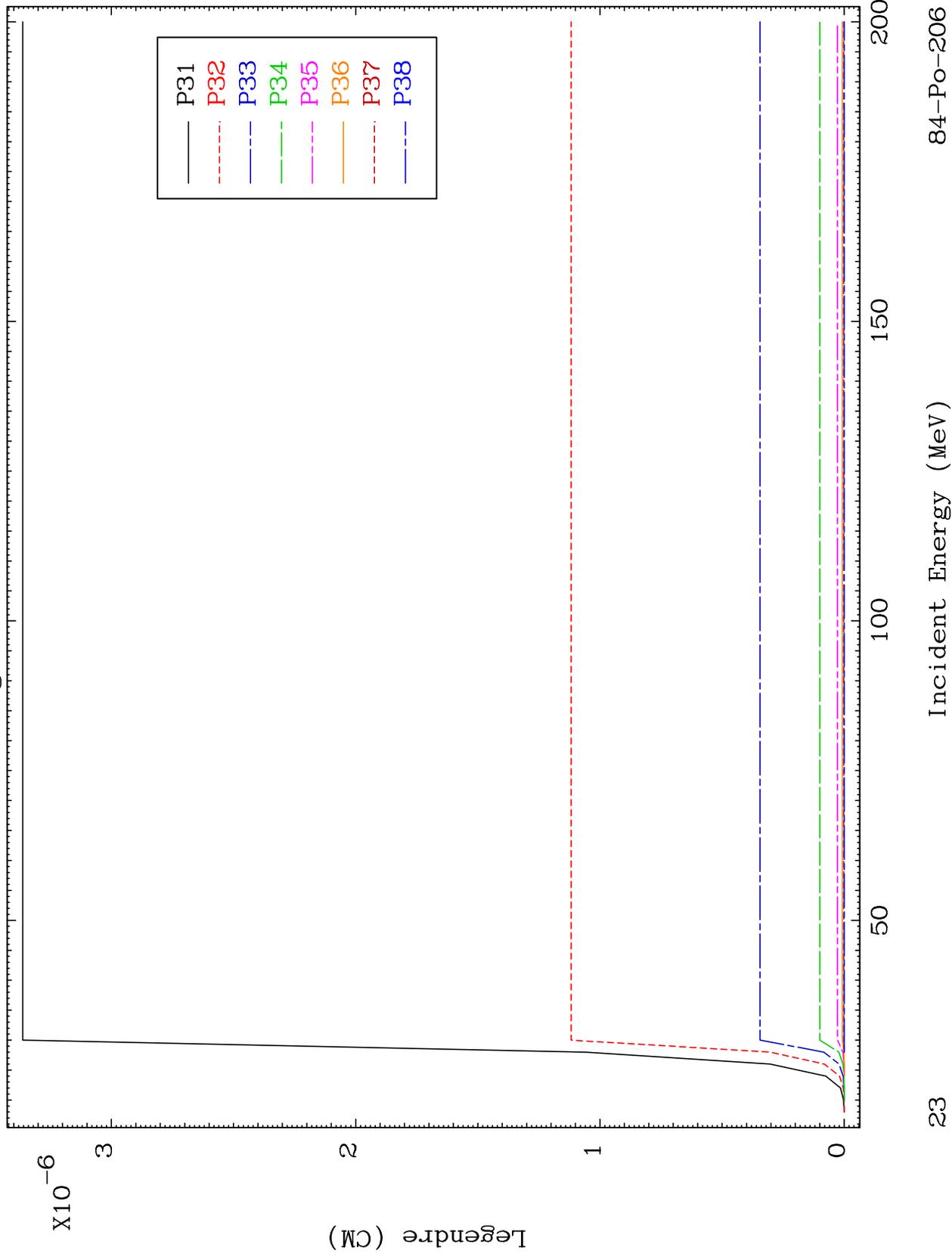
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MAT 8425

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

84-Po-206



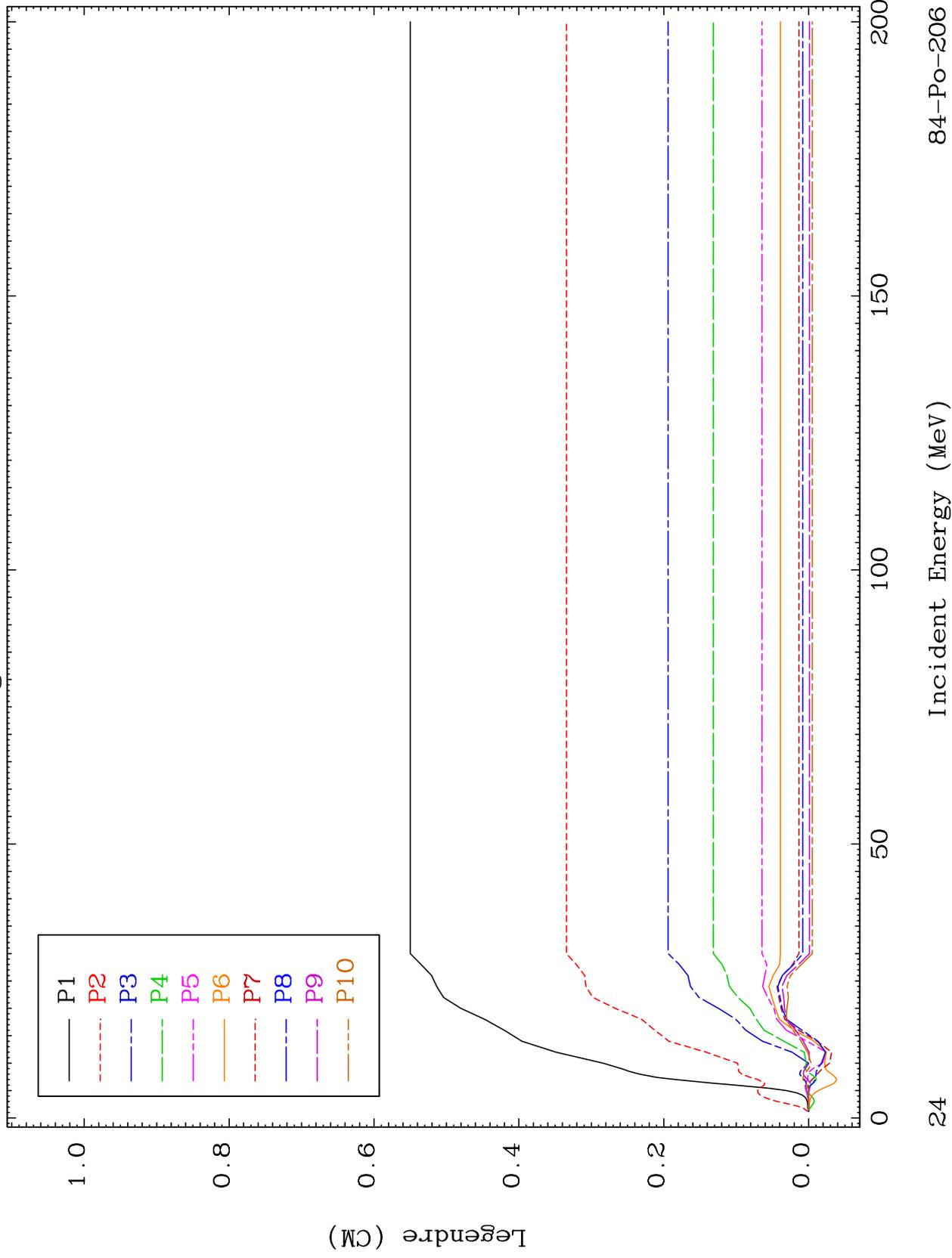
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84-Po-206

MAT 8425

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

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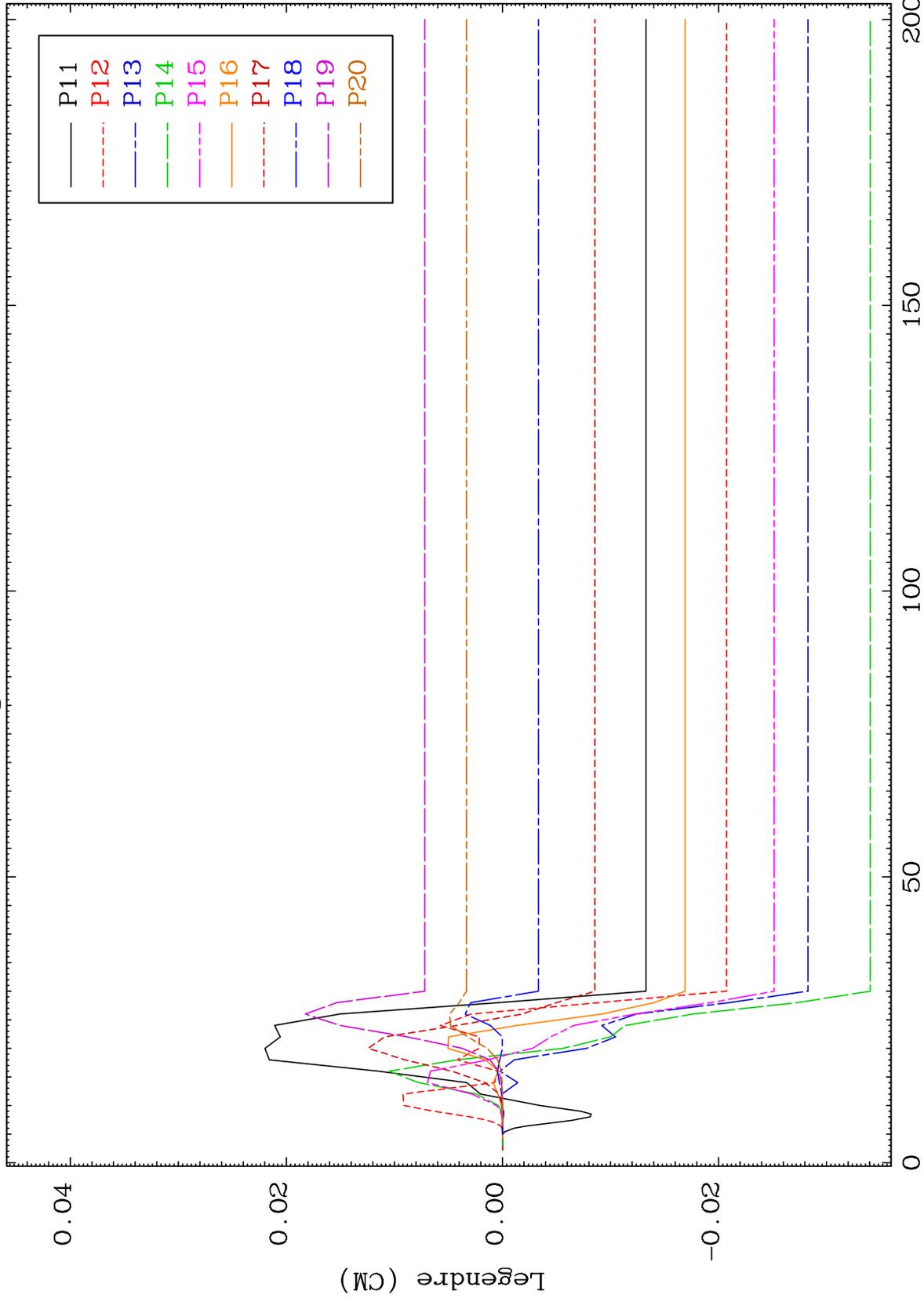


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MAT 8425

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

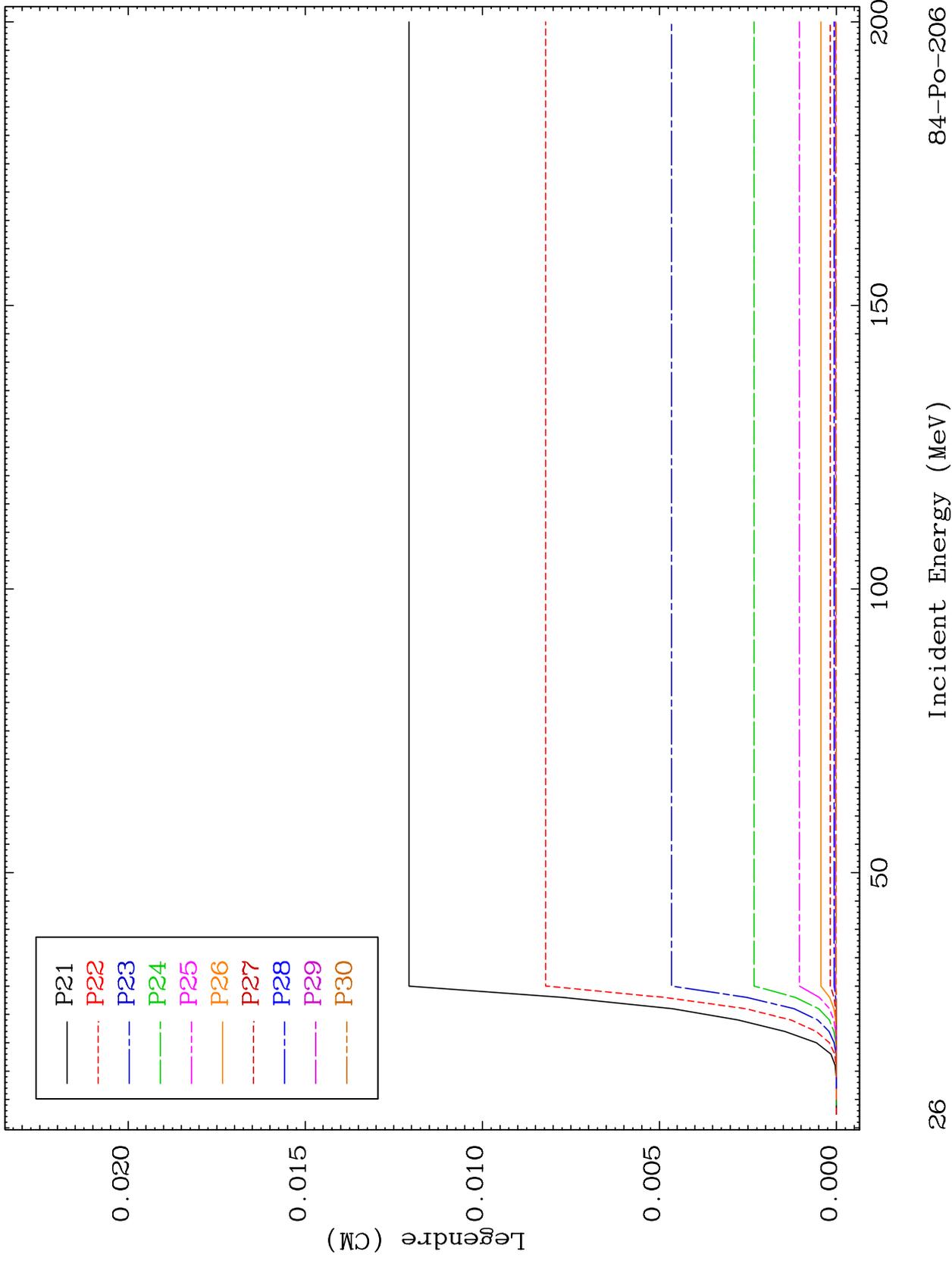
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84-Po-206

Incident Energy (MeV)

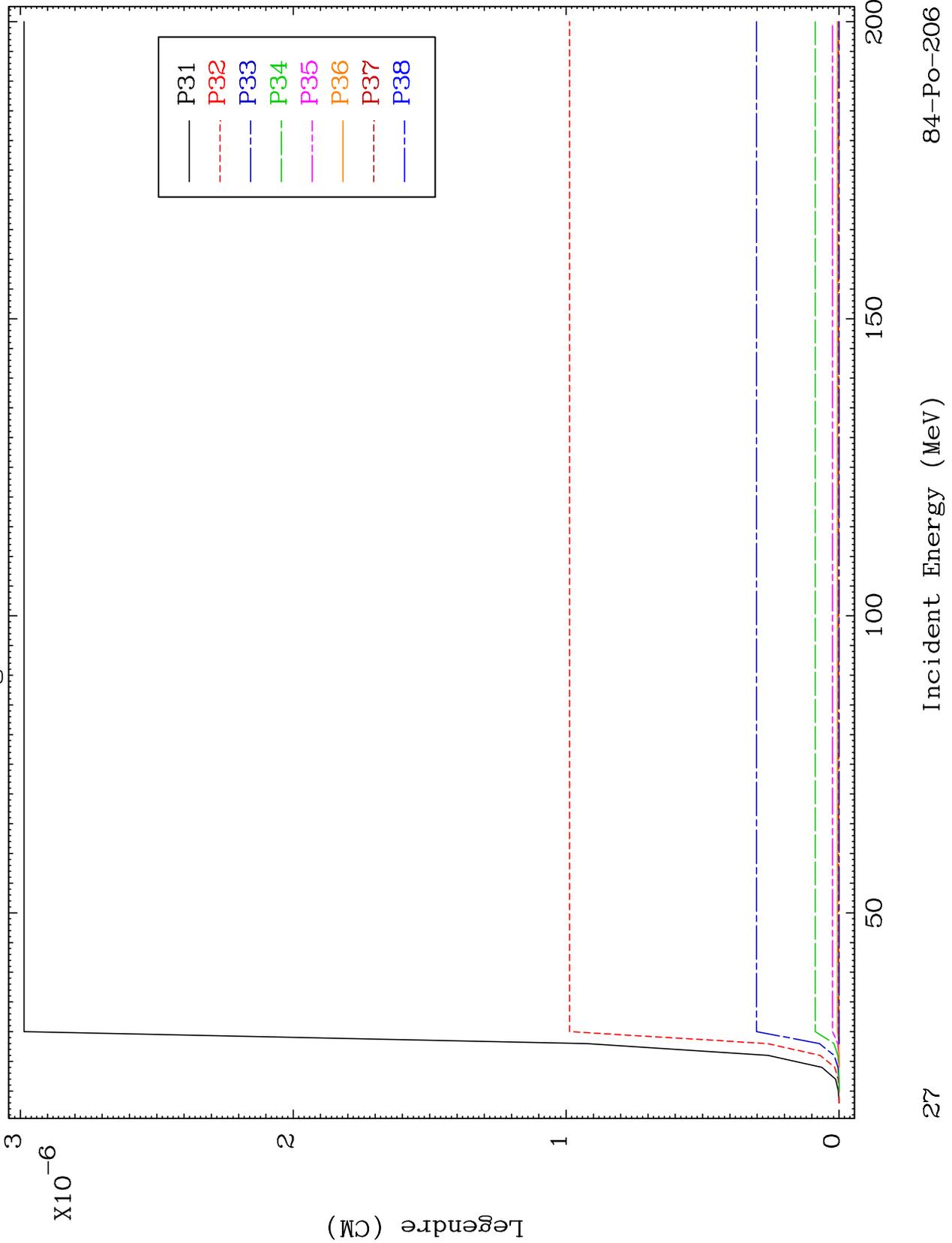
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MAT 8425

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

84-Po-206



27

Incident Energy (MeV)

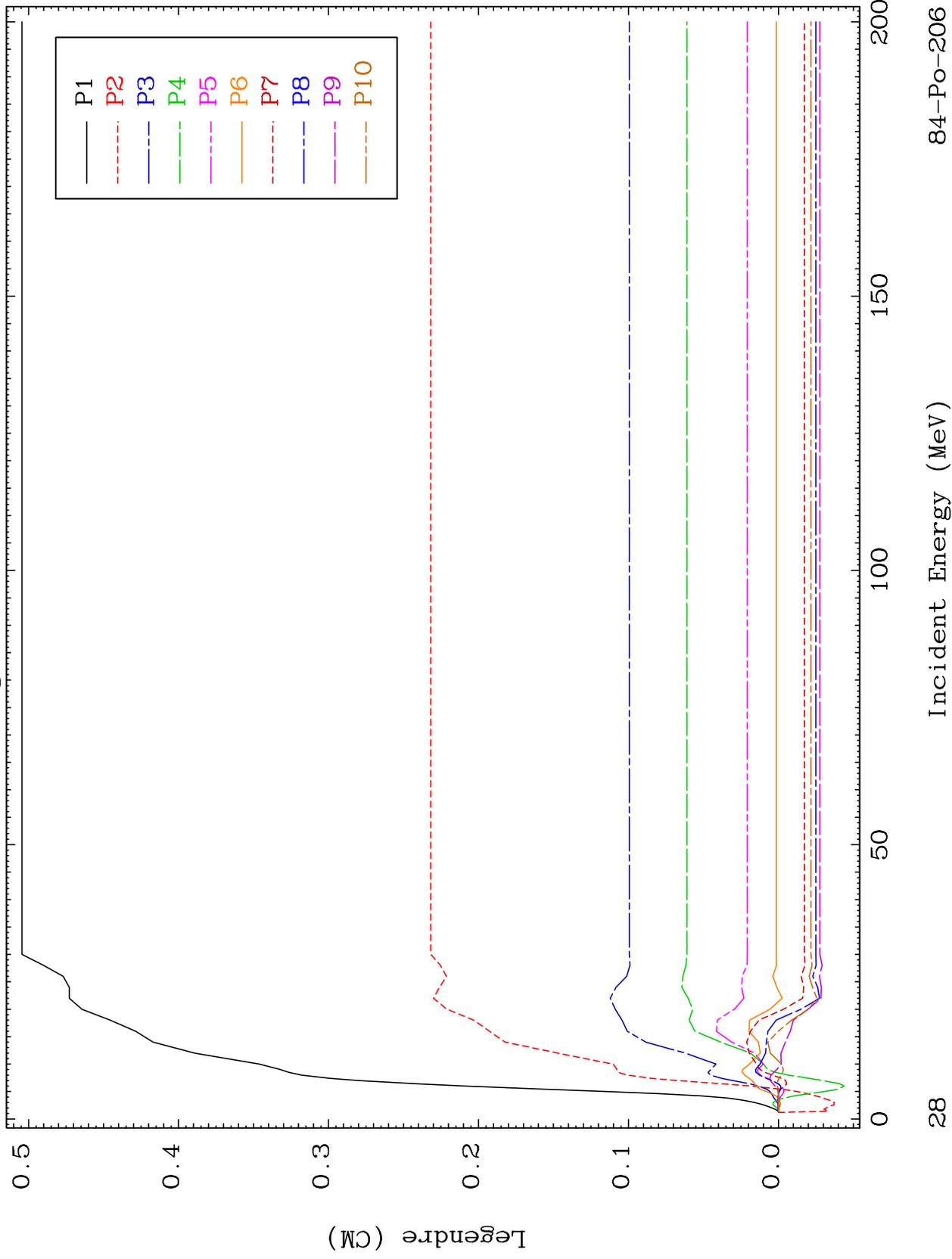
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MAT 8425

MT= 53 (n,n') Level

84-Po-206

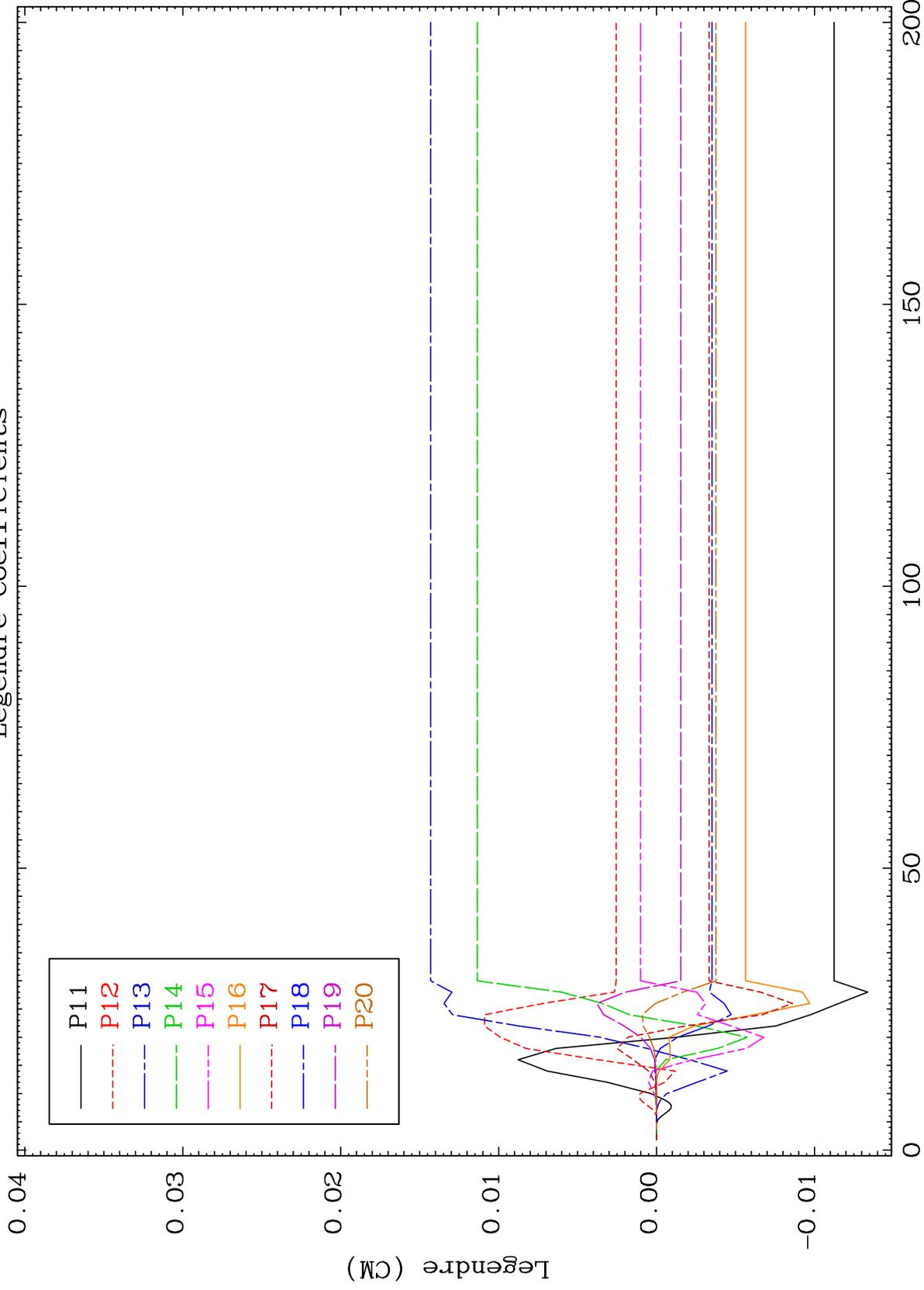
Legendre Coefficients



MAT 8425

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

84-Po-206



29

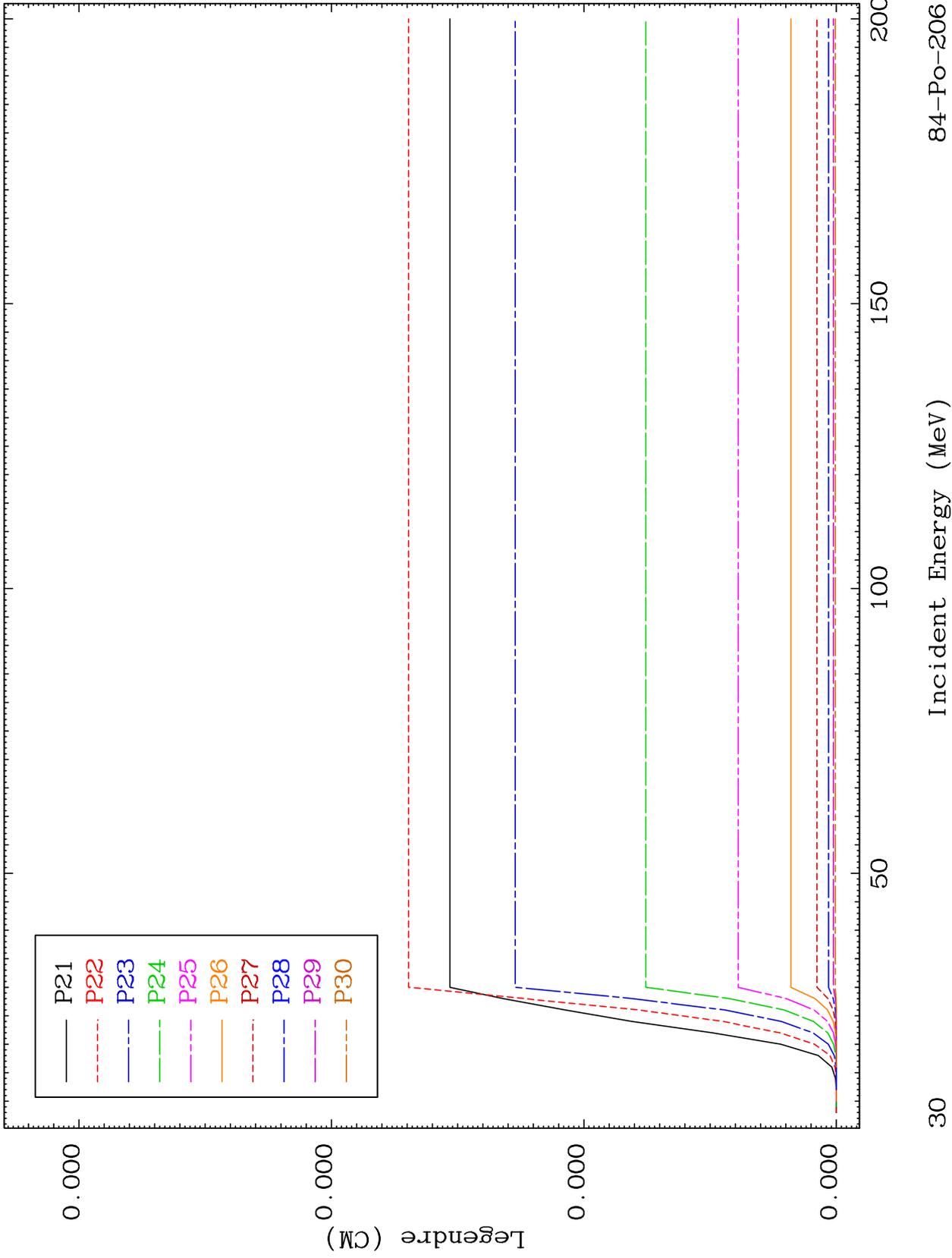
Incident Energy (MeV)

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MAT 8425

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

84-Po-206



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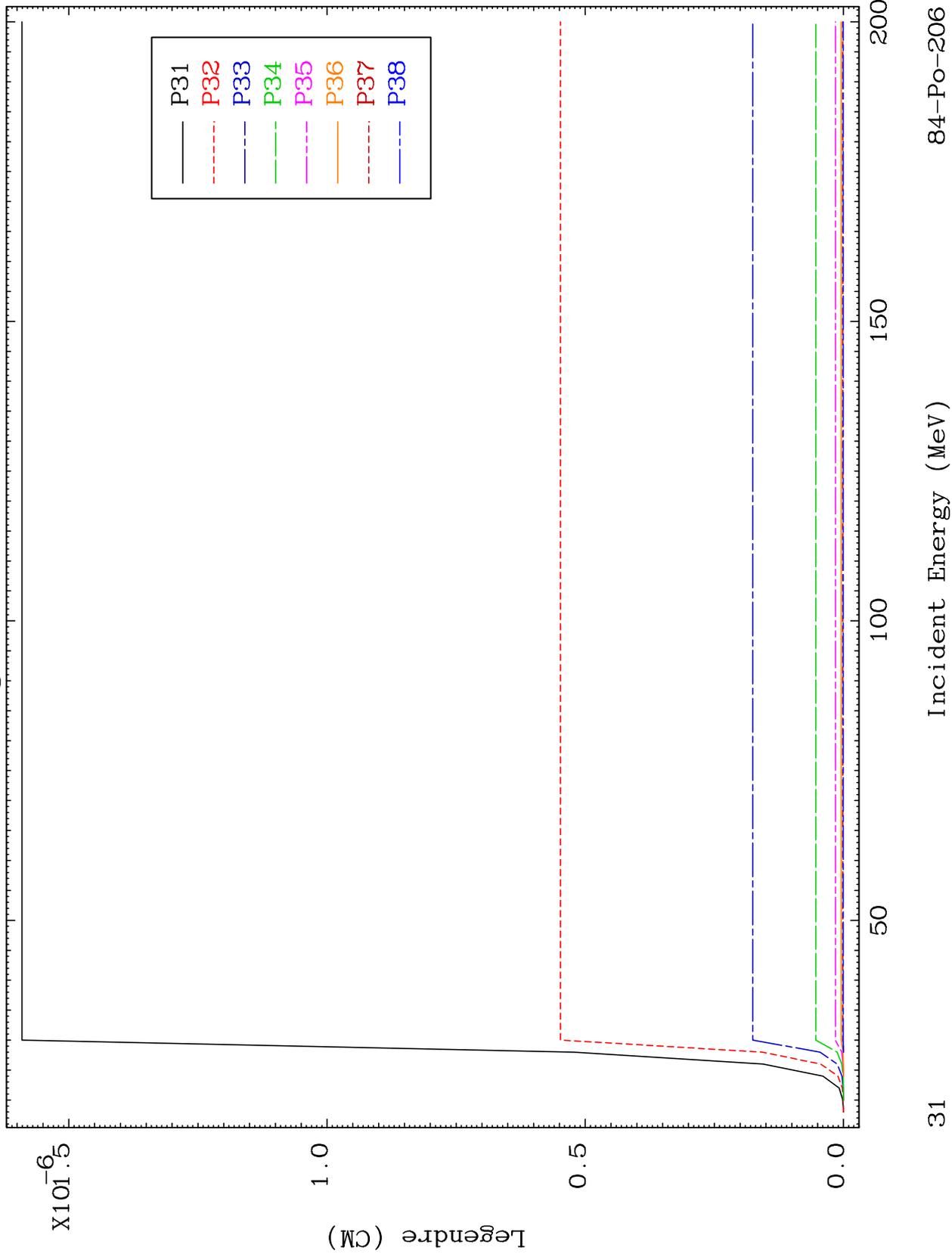
Incident Energy (MeV)

84-Po-206

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

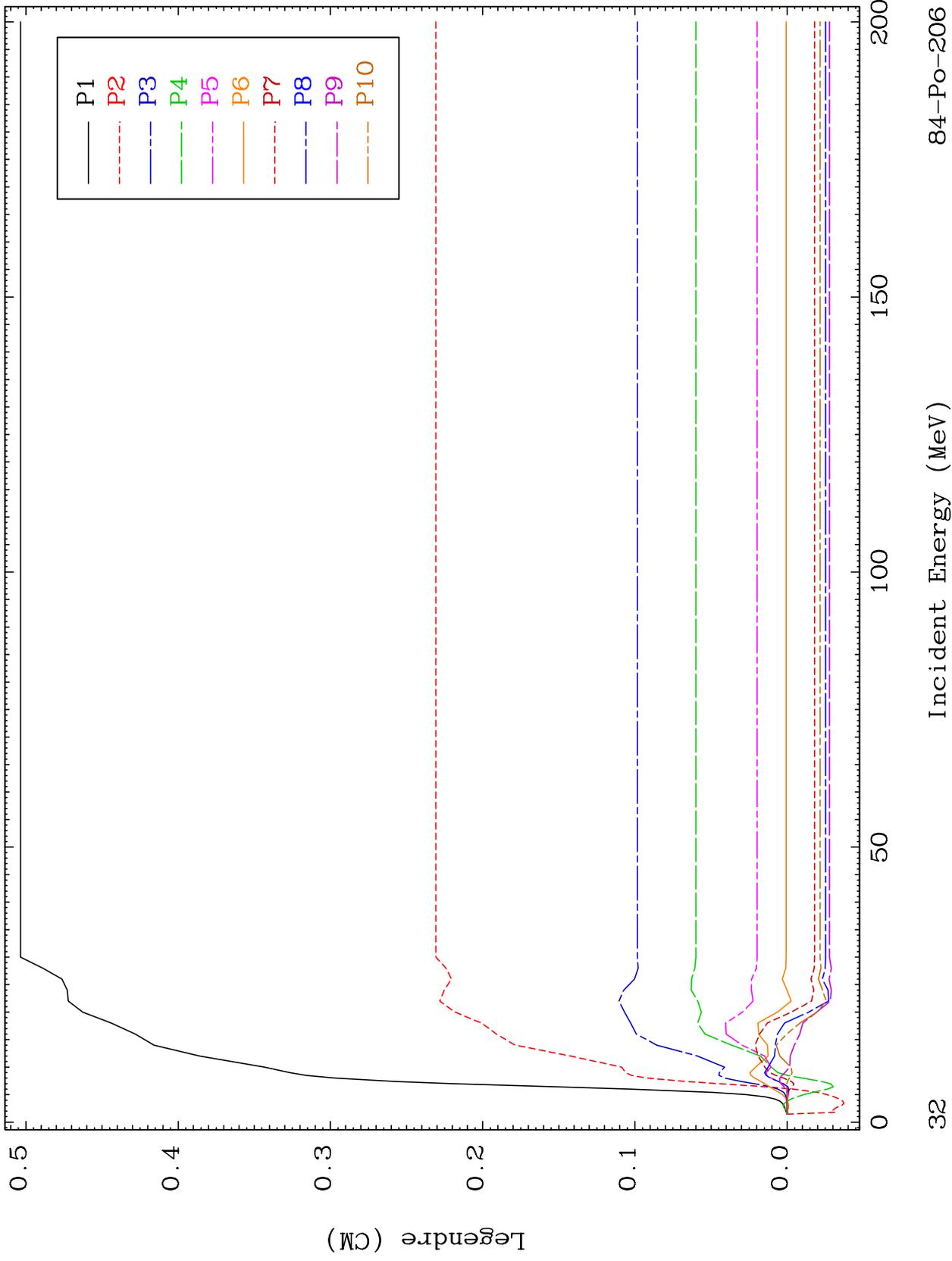
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MAT 8425

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

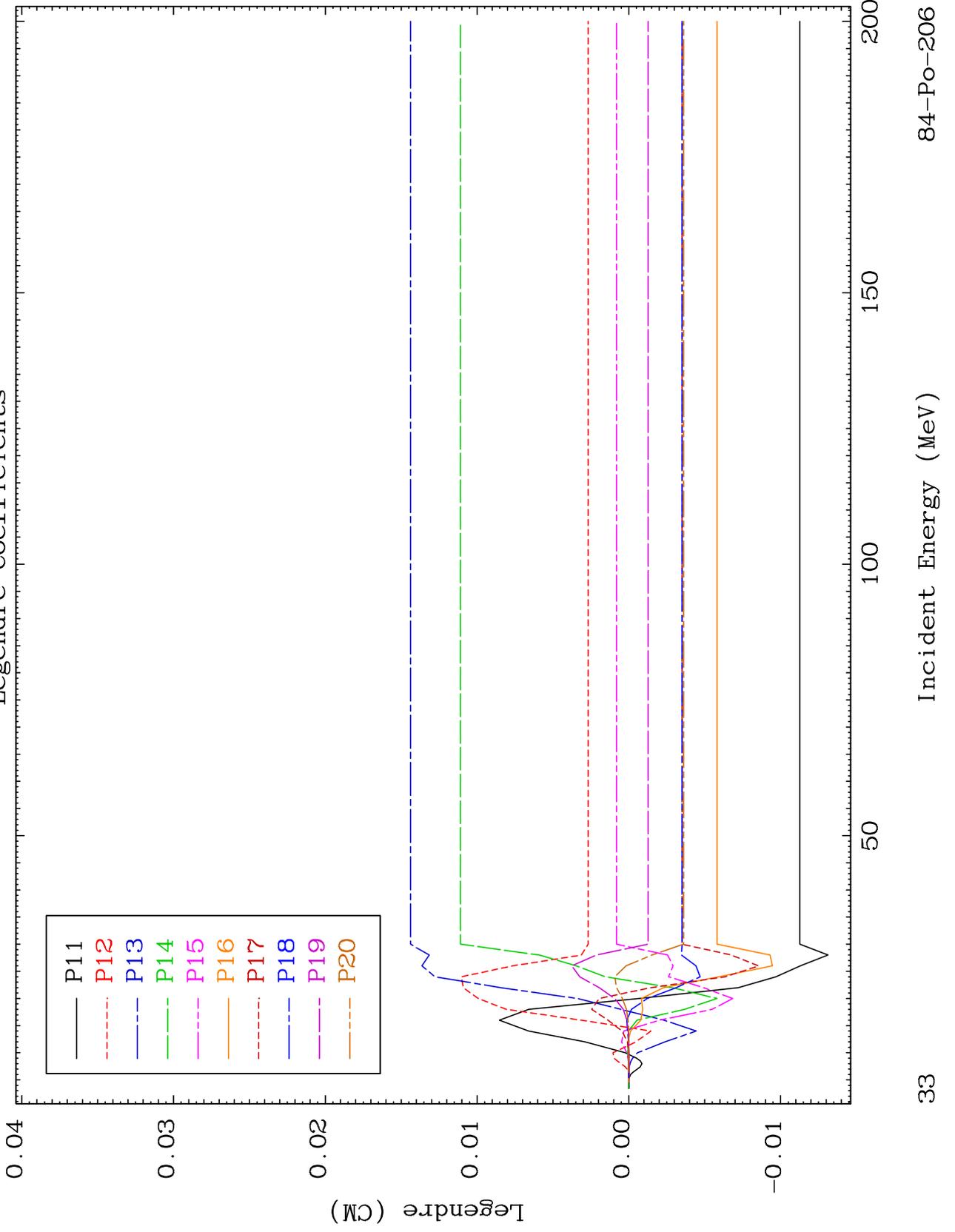
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84-Po-206

Incident Energy (MeV)

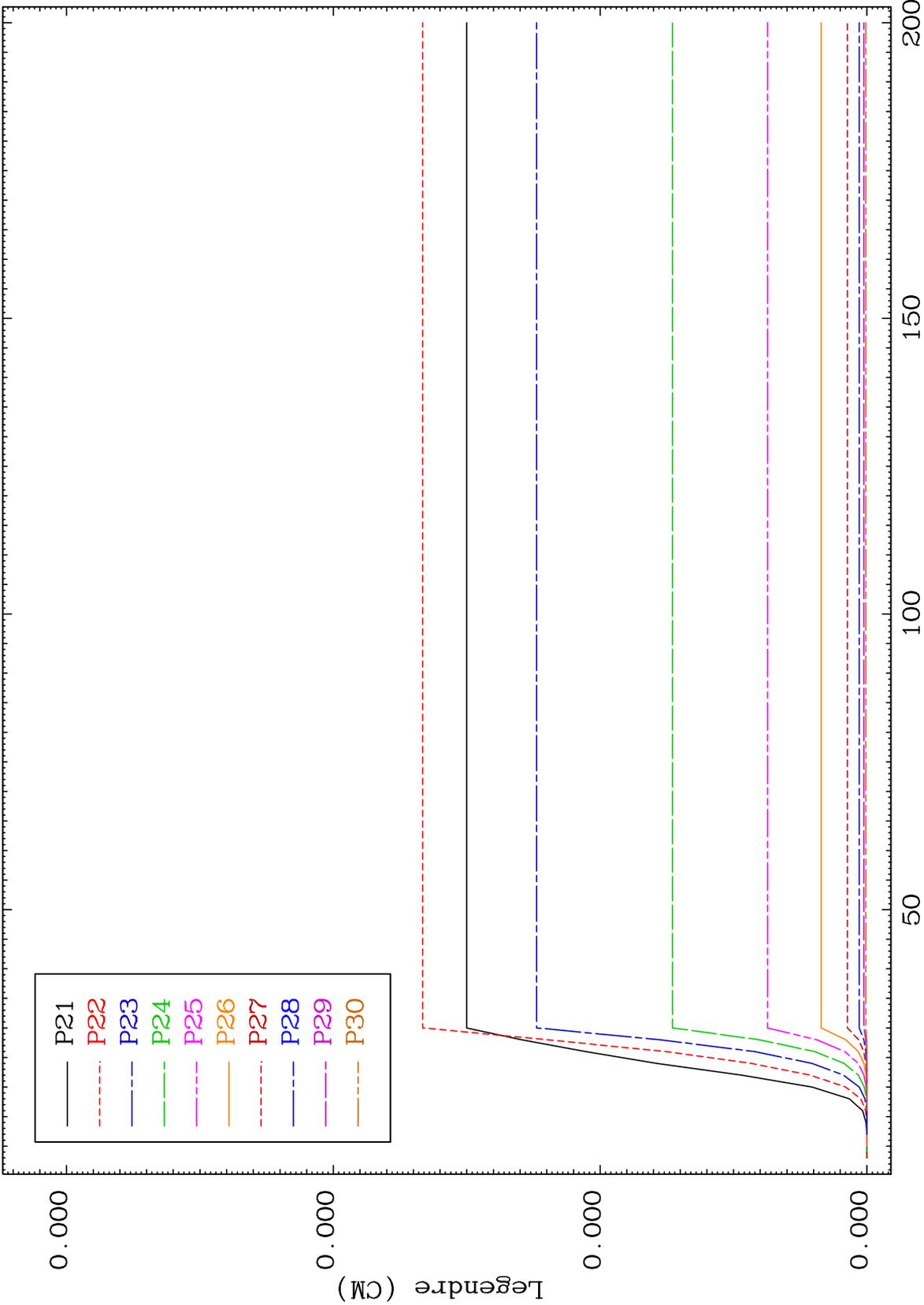
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MAT 8425

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

84-Po-206



34

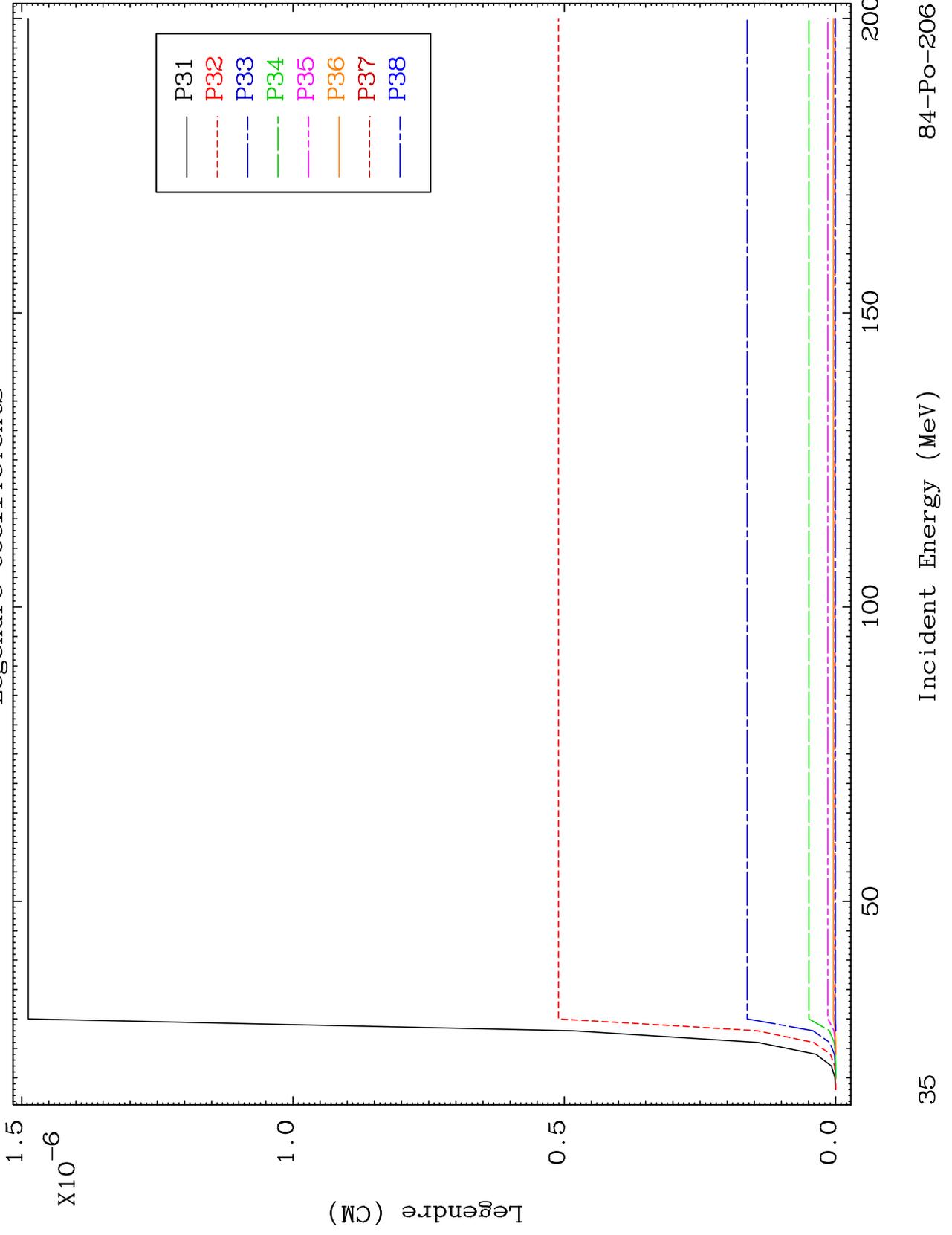
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



35

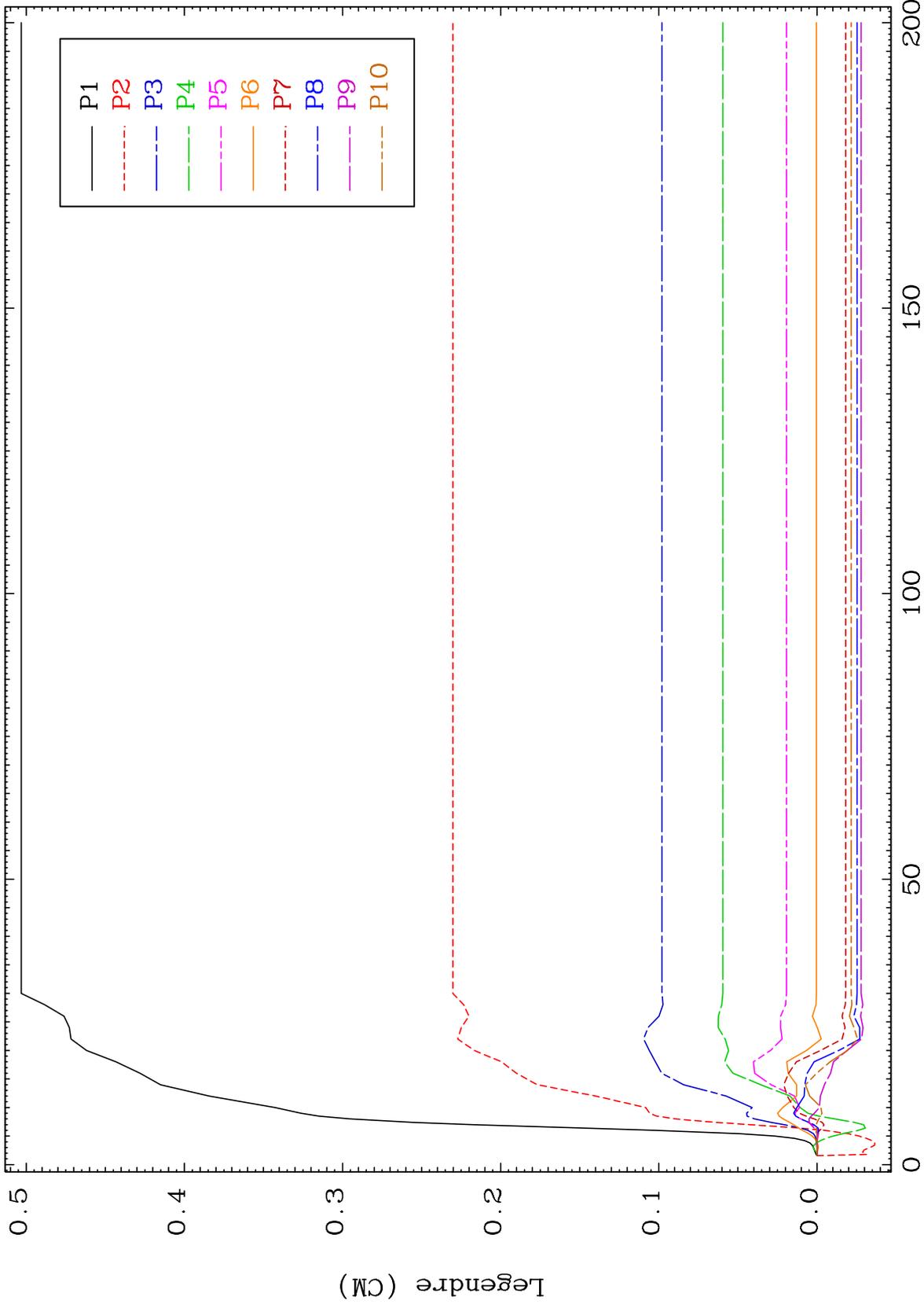
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



36

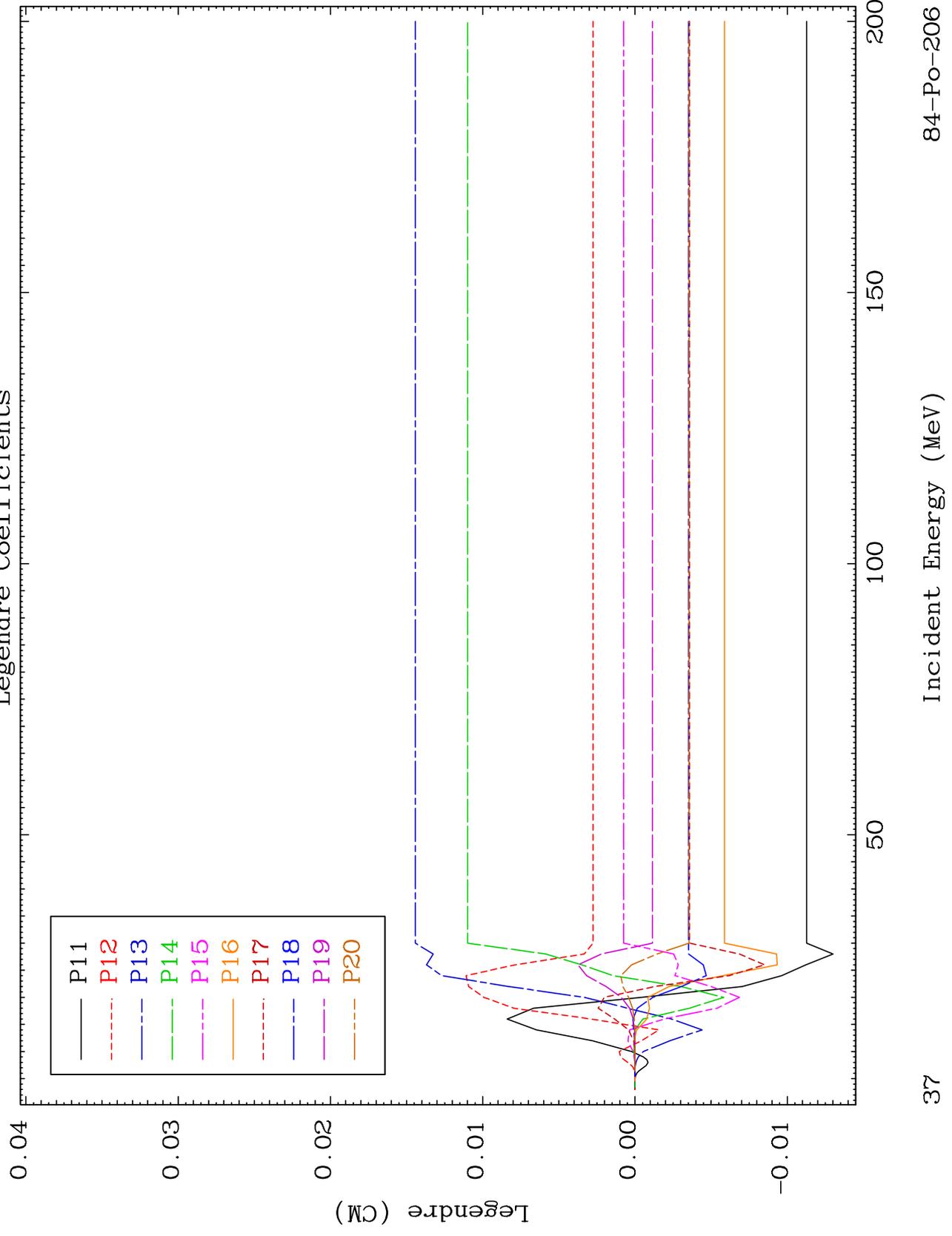
Incident Energy (MeV)

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MAT 8425

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

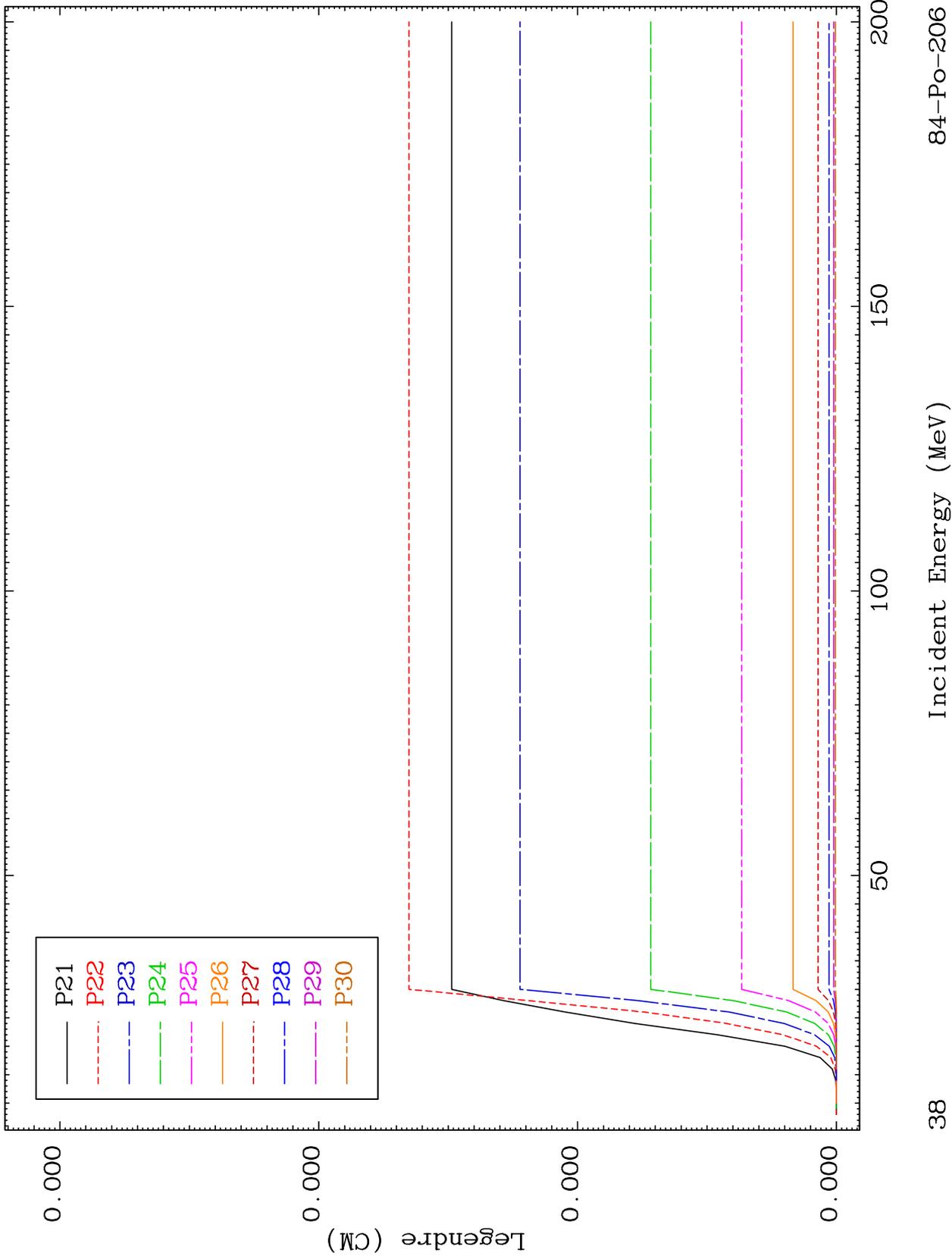
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MAT 8425

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

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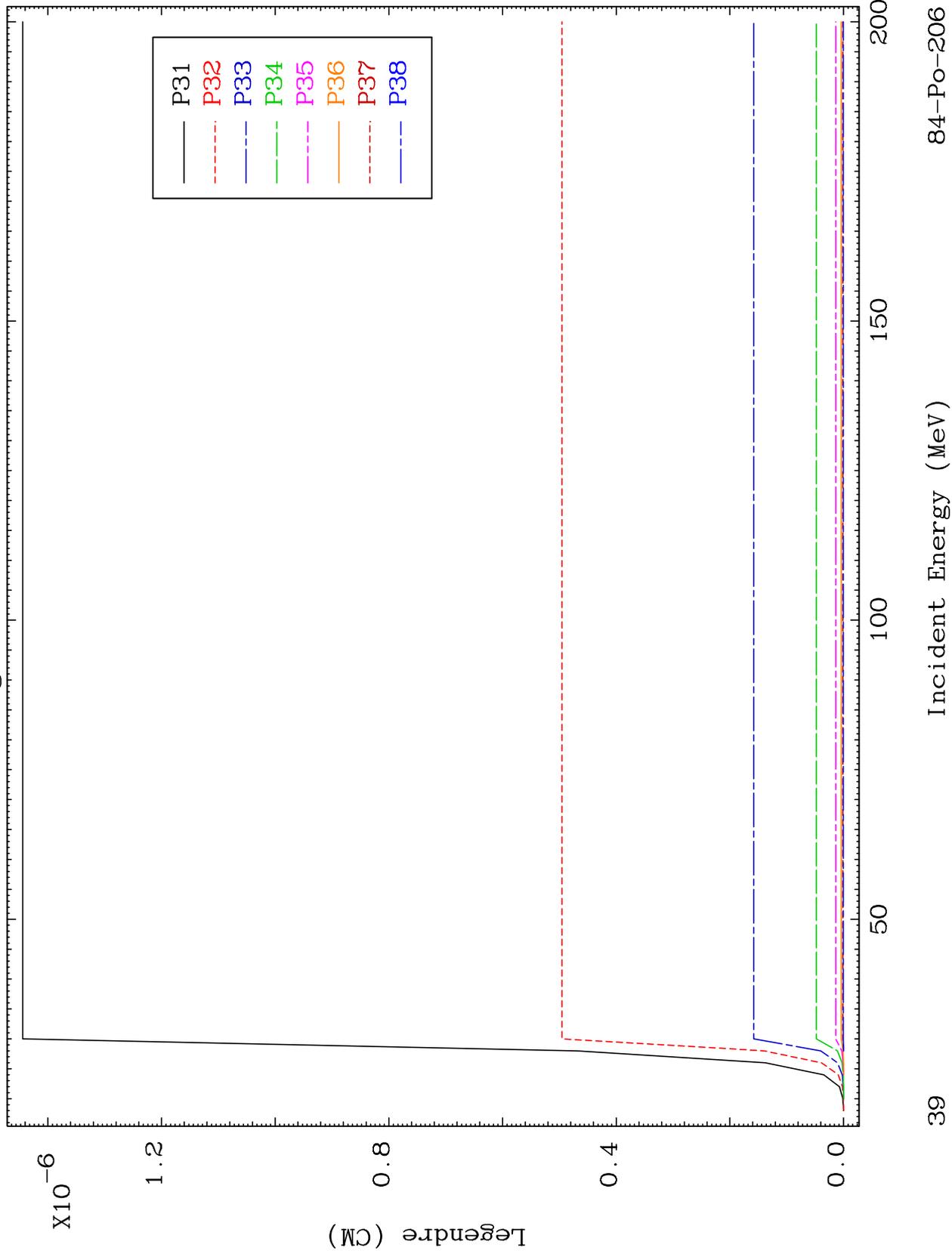


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MAT 8425

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

84-Po-206

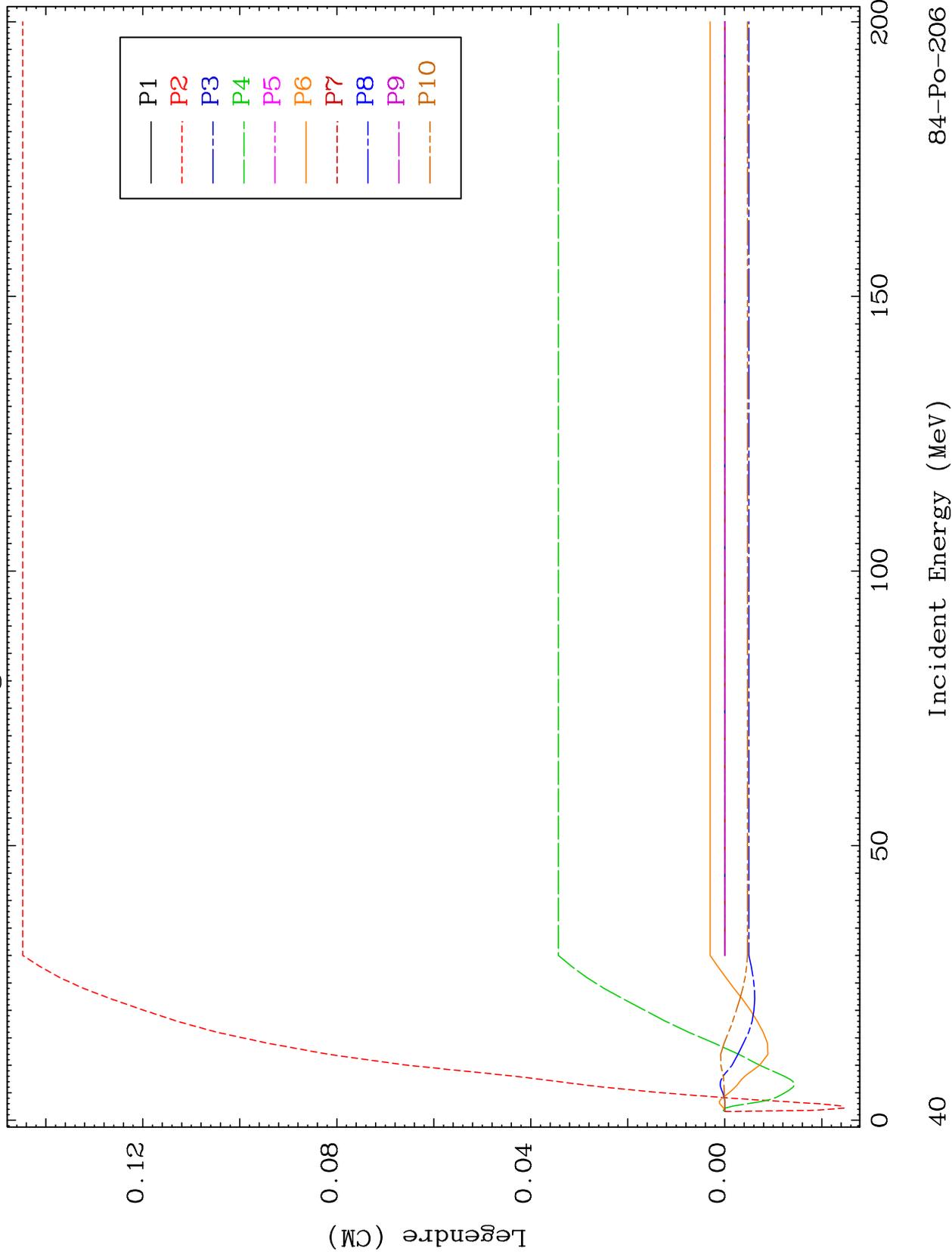


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MAT 8425

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

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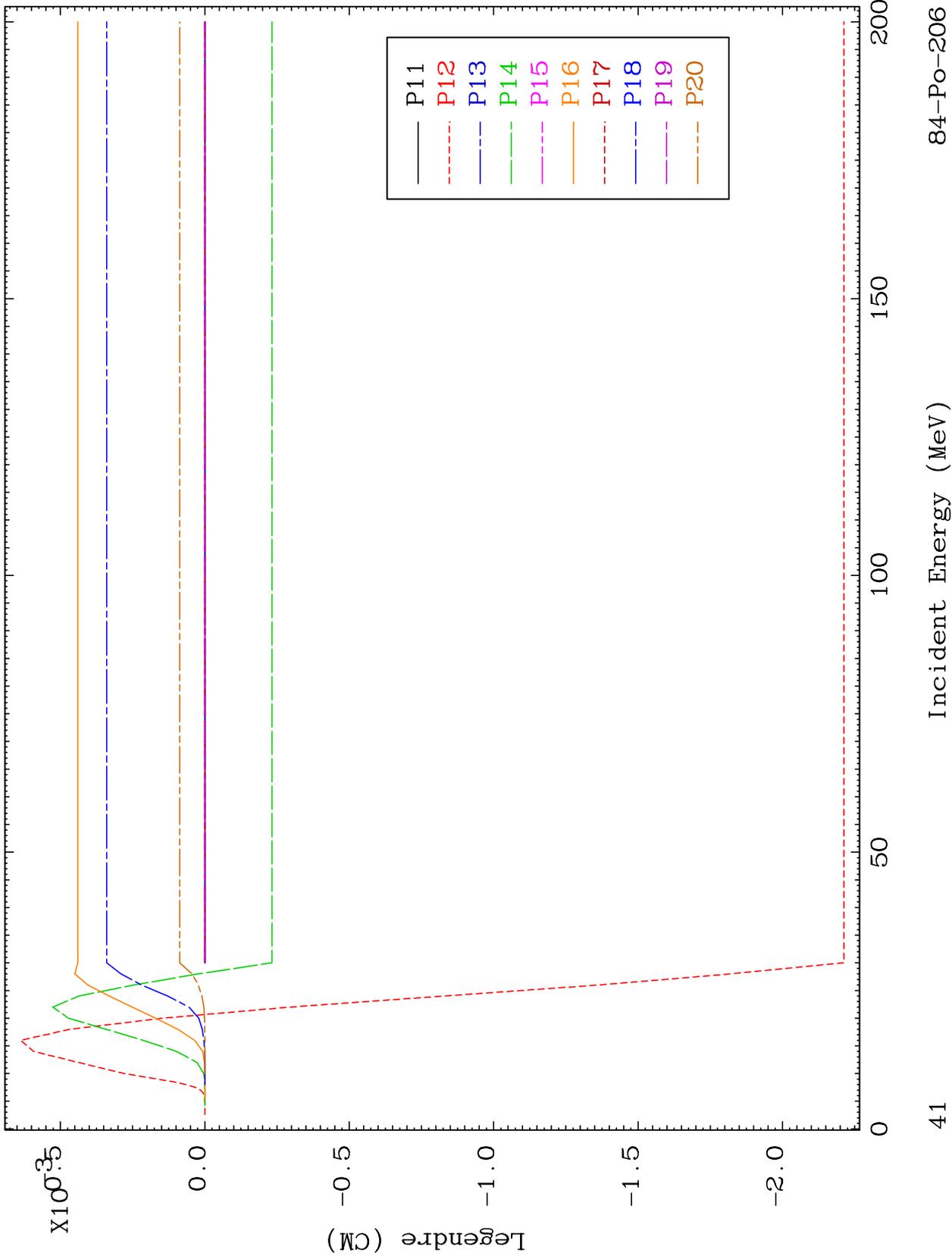


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MAT 8425

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

84-Po-206



41

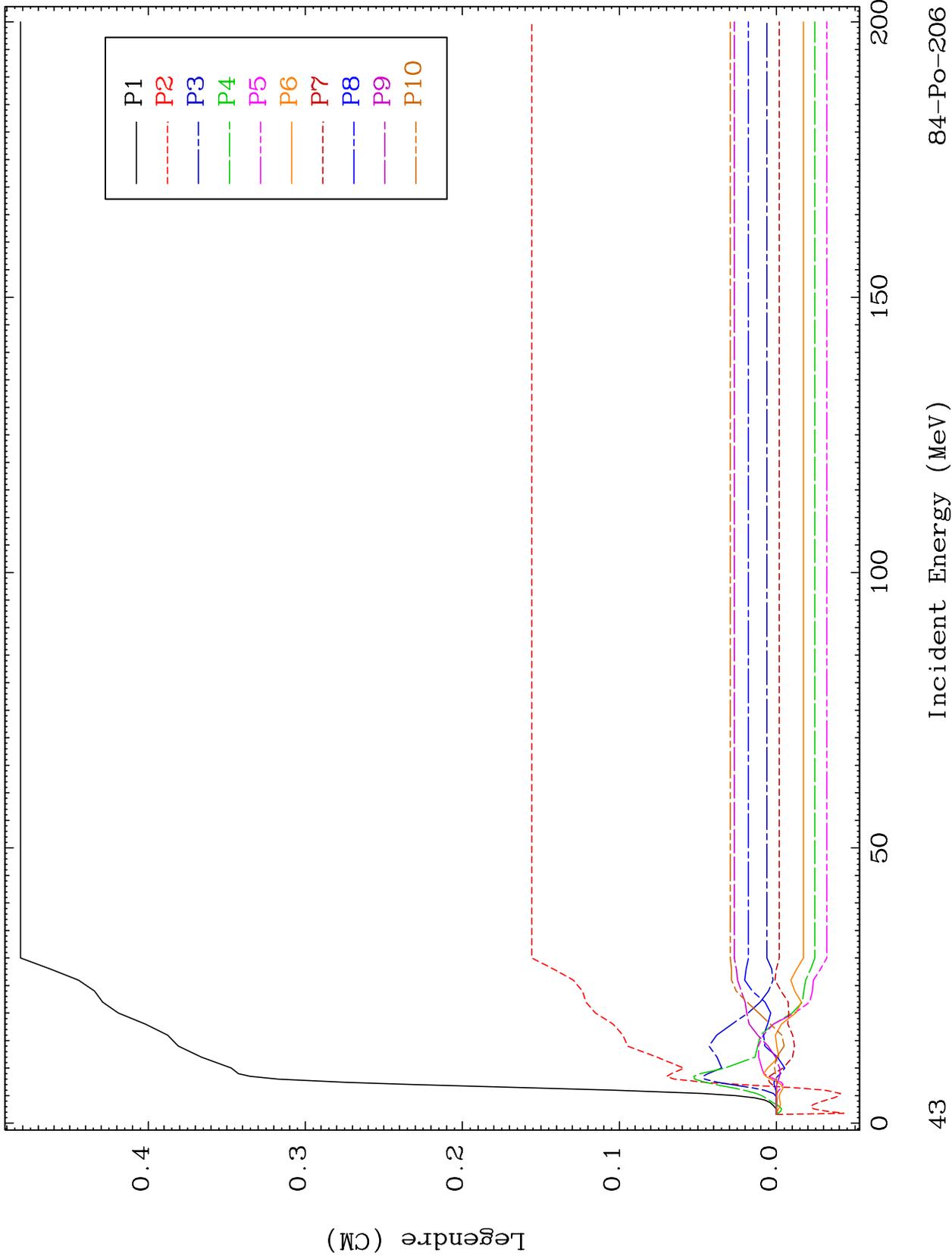
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



84-Po-206

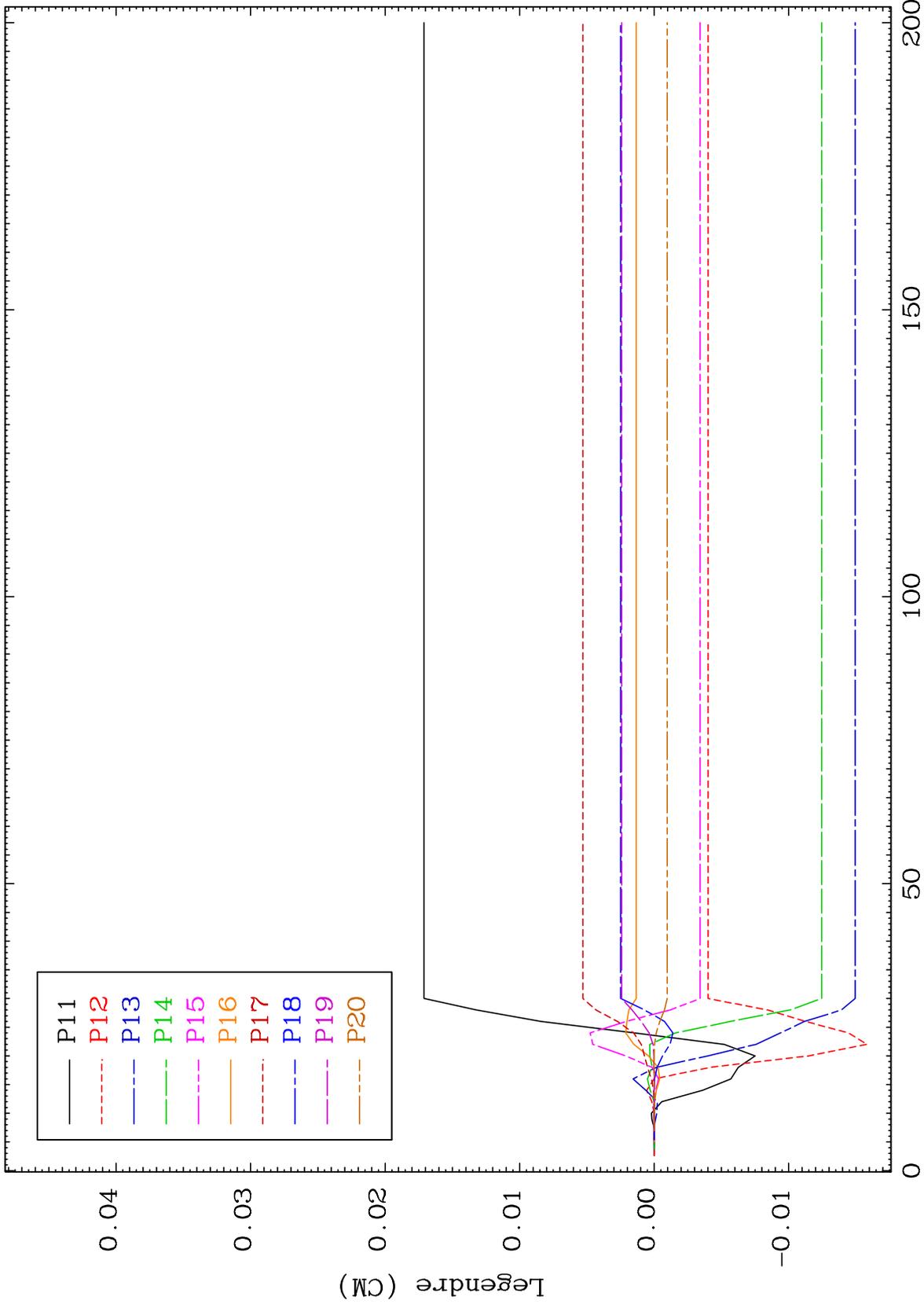
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MAT 8425

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

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44

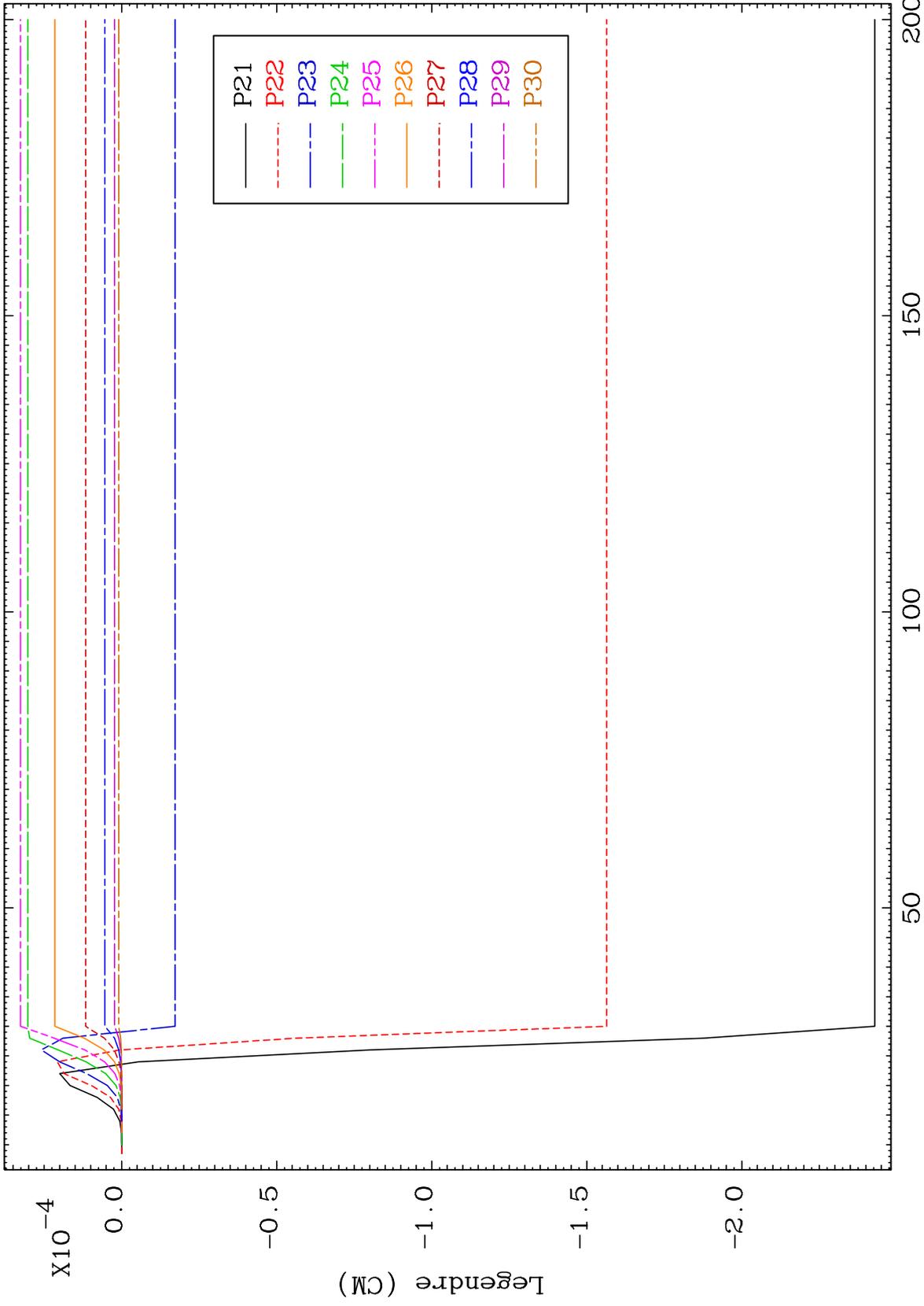
Incident Energy (MeV)

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MAT 8425

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

84-Po-206



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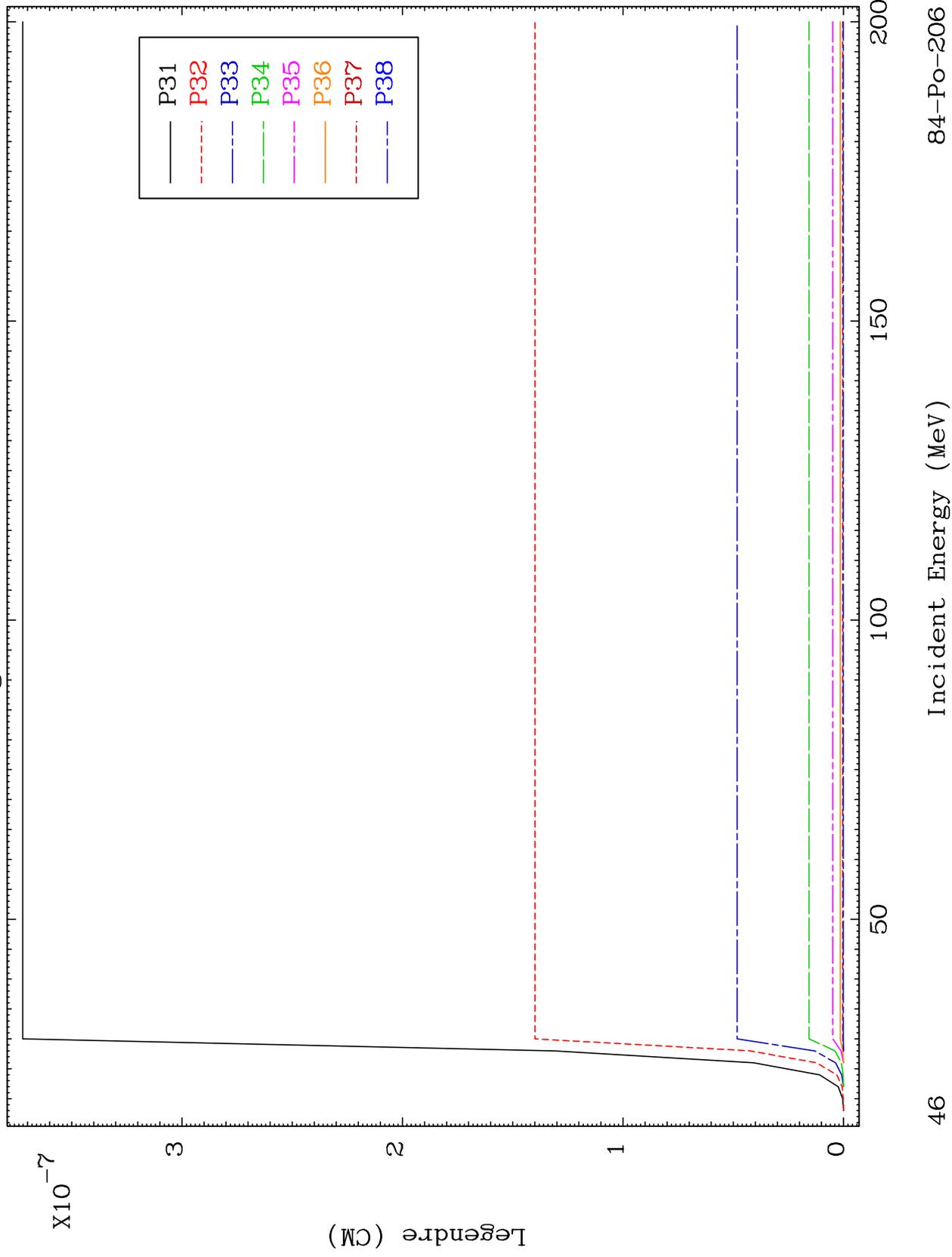
Incident Energy (MeV)

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MAT 8425

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

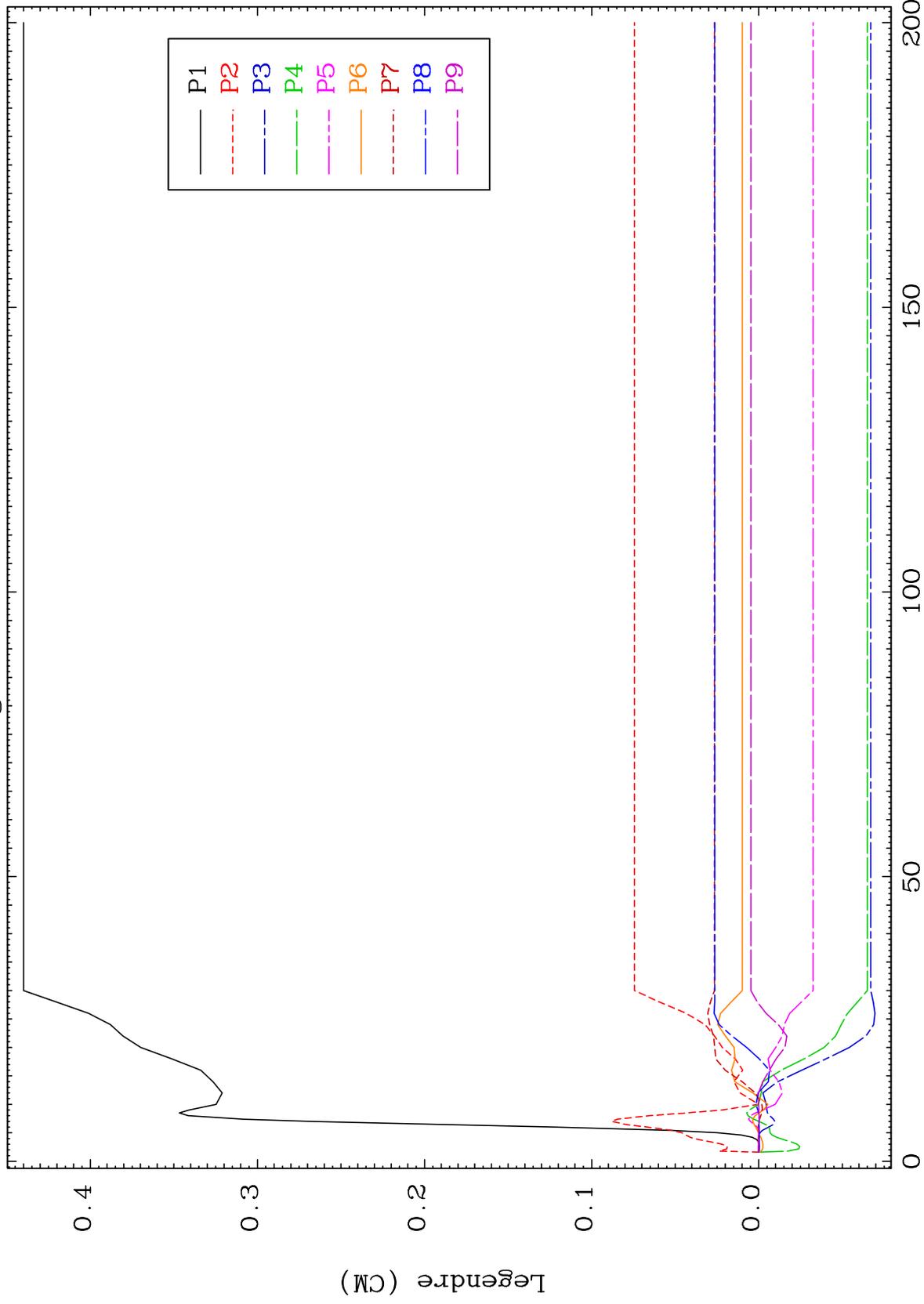
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MAT 8425

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

84-Po-206



47

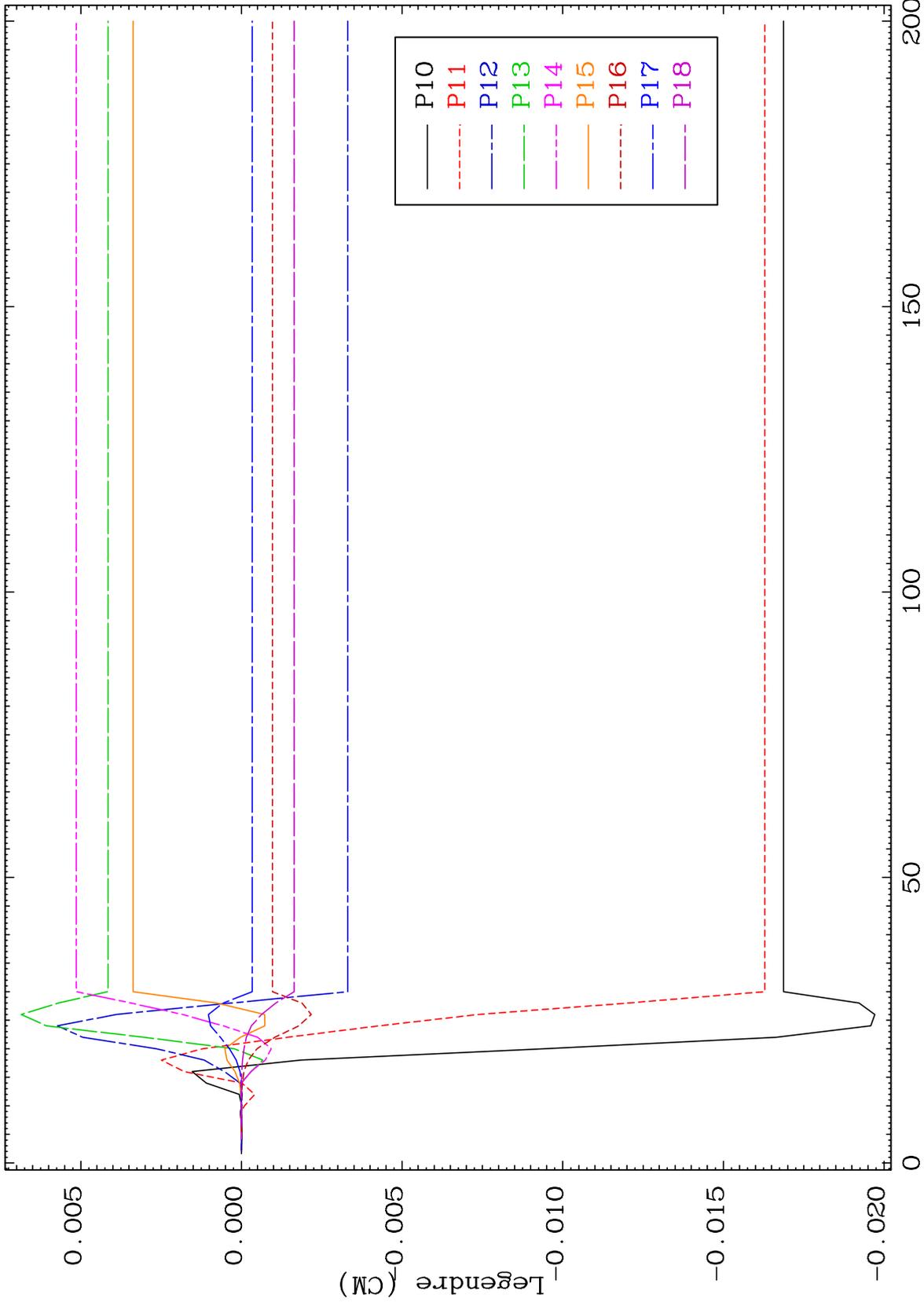
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



48

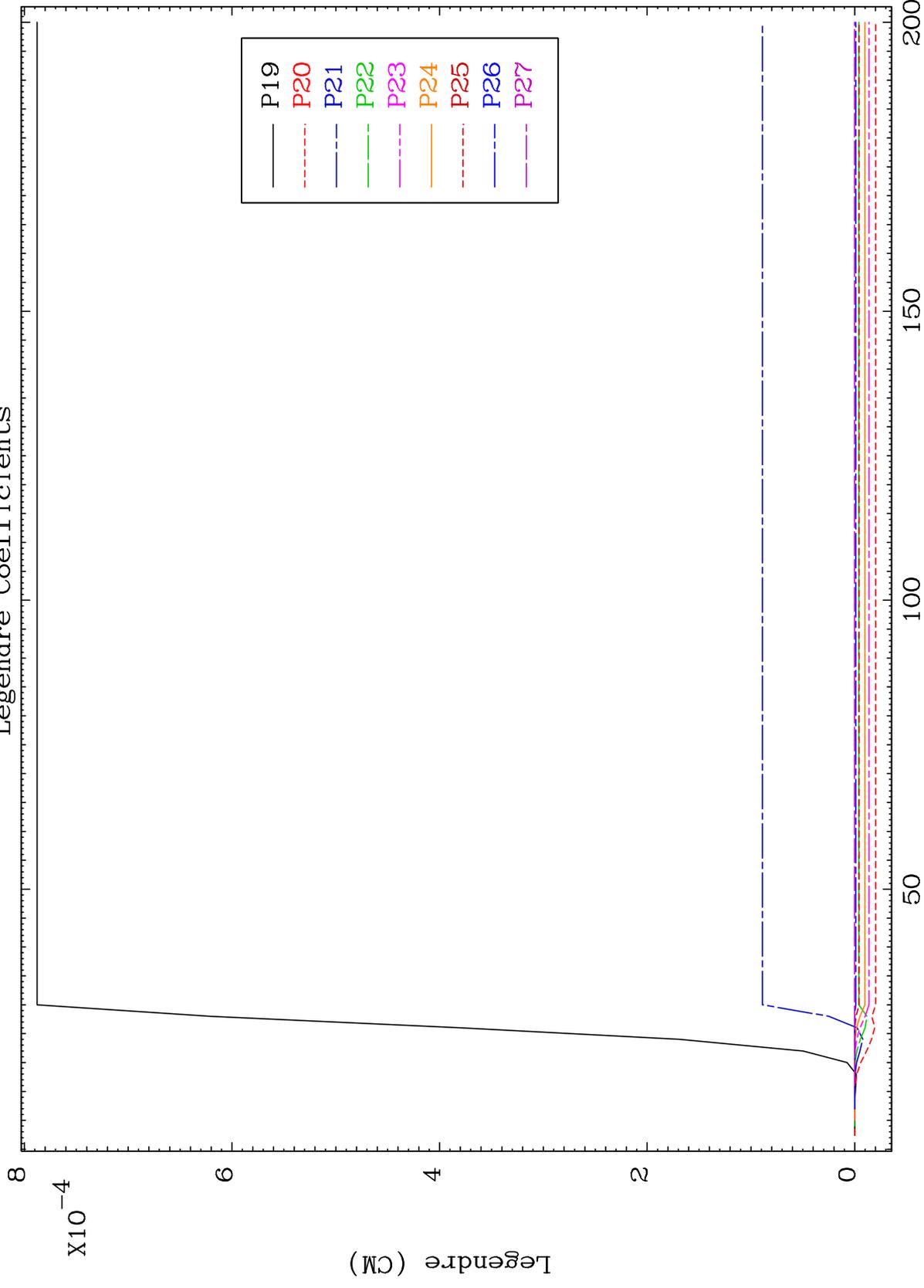
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



49

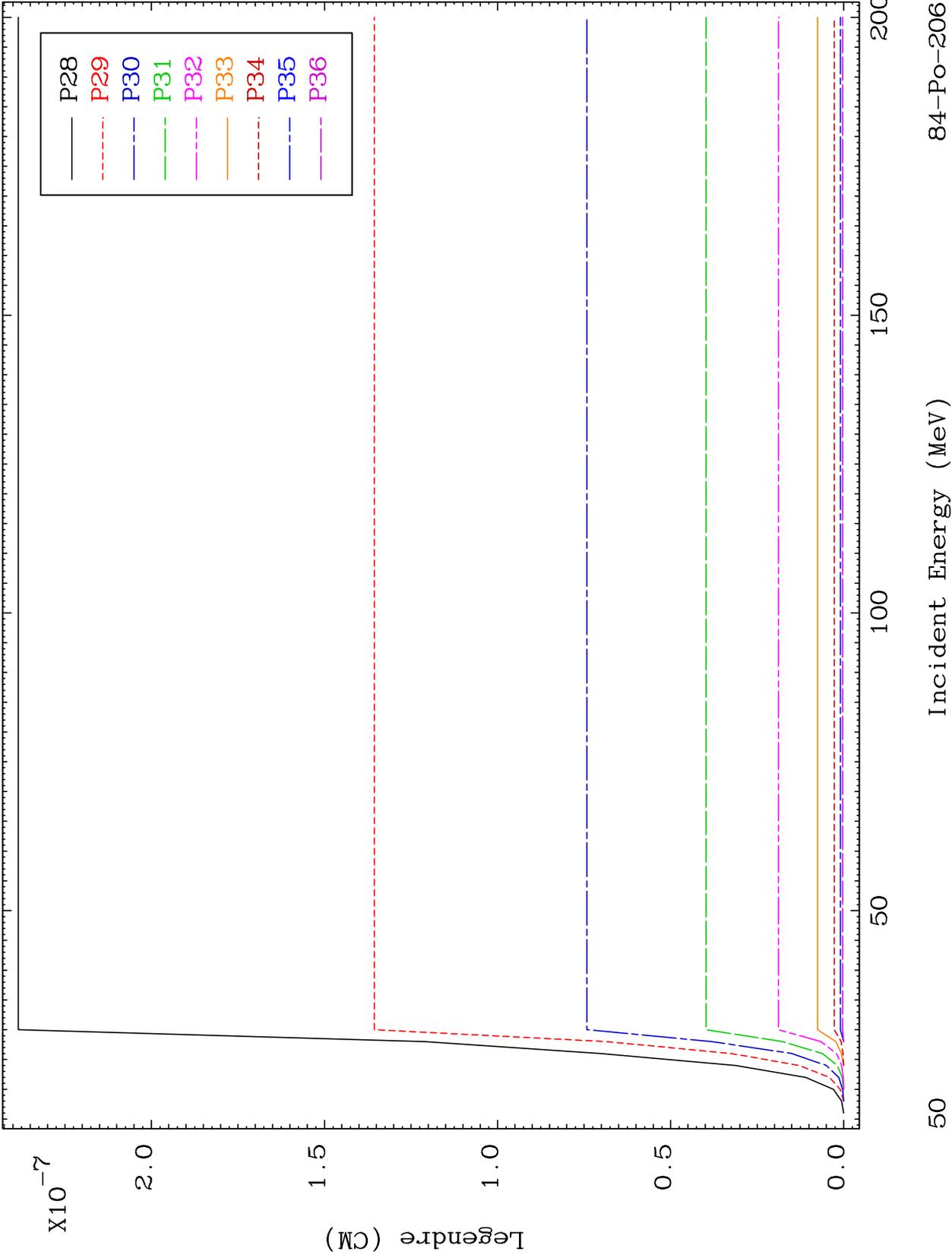
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



84-Po-206

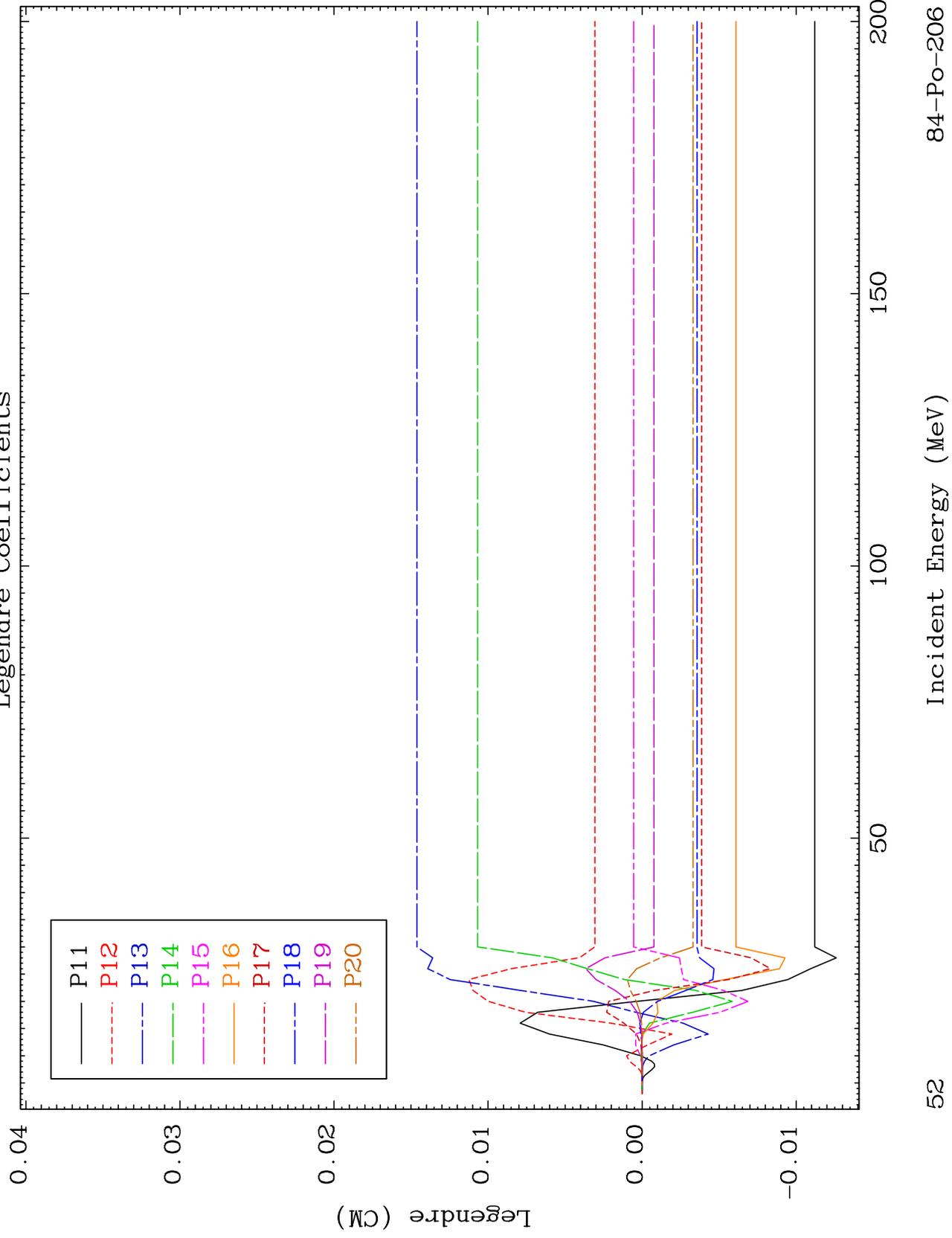
Incident Energy (MeV)

50

MAT 8425

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

84-Po-206



52

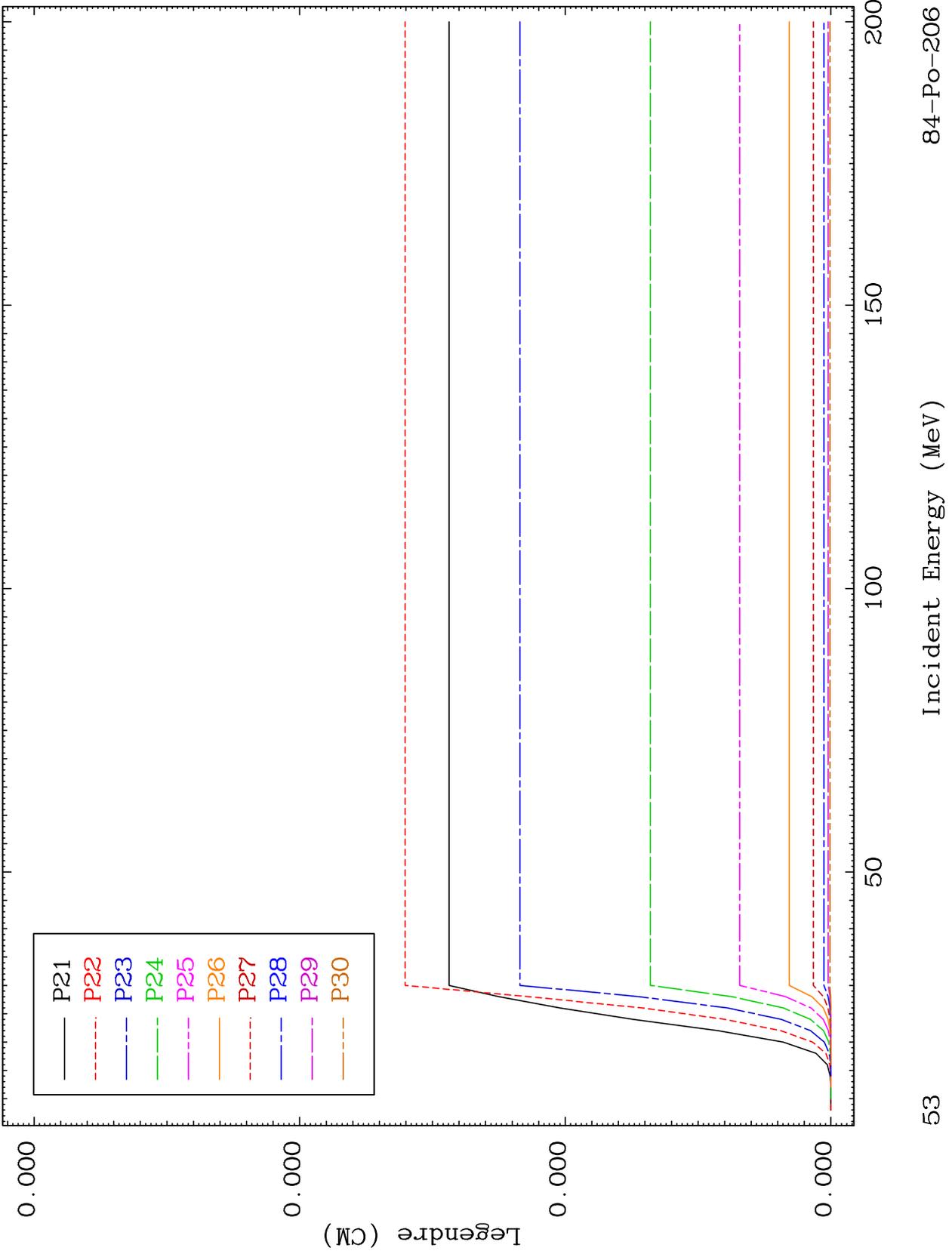
Incident Energy (MeV)

84-Po-206

MAT 8425

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

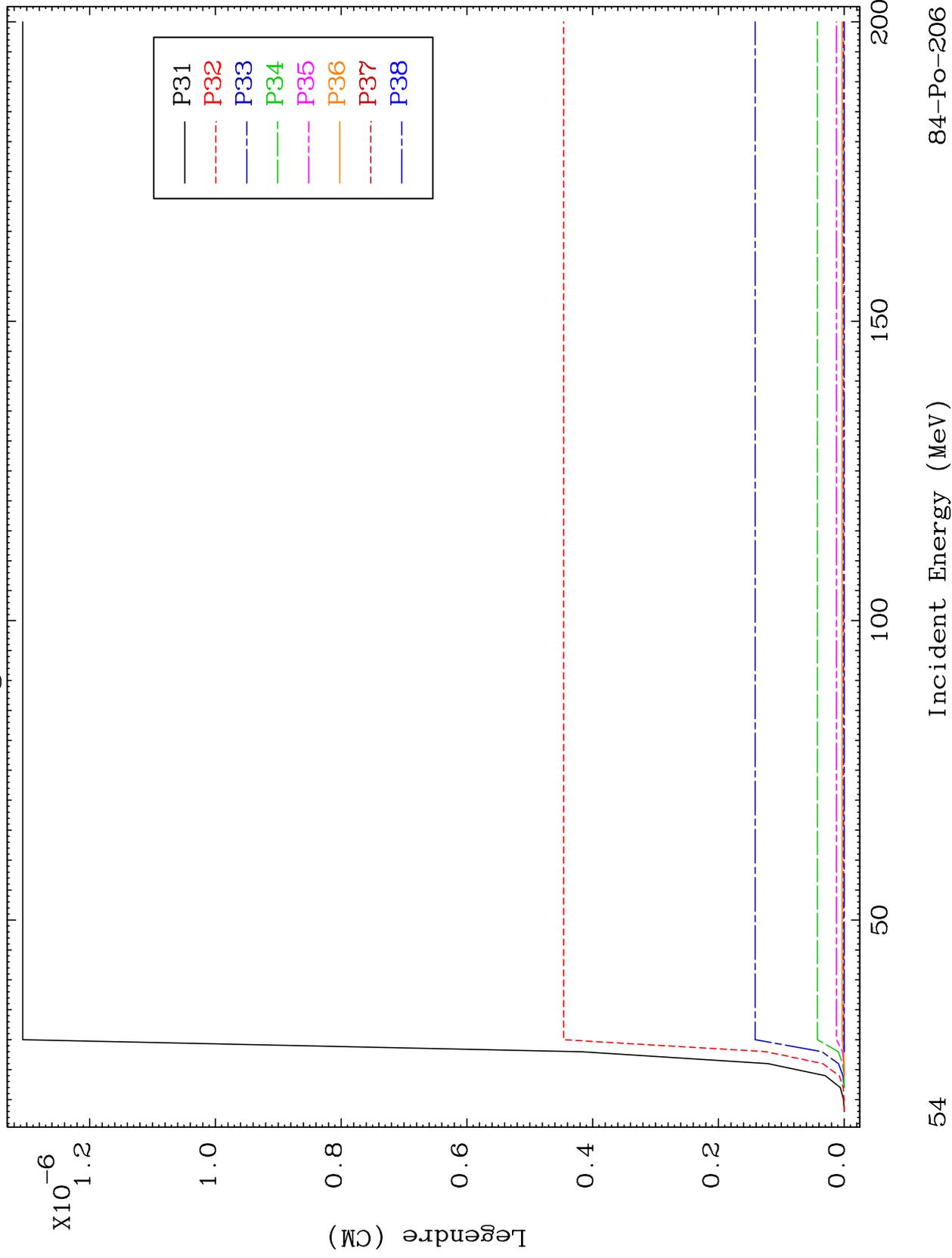
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MT= 59 (n,n') Level
Legendre Coefficients

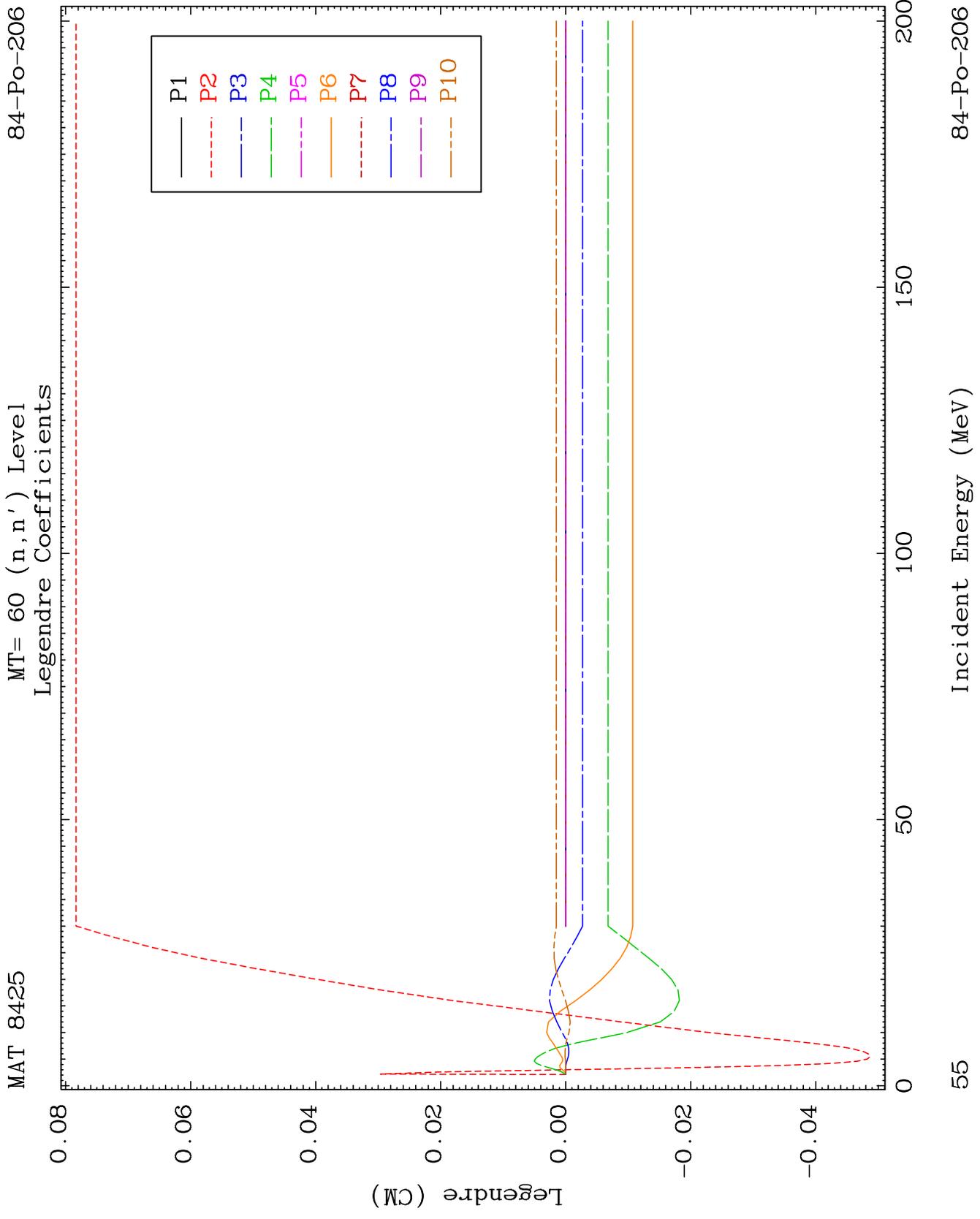
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Incident Energy (MeV)

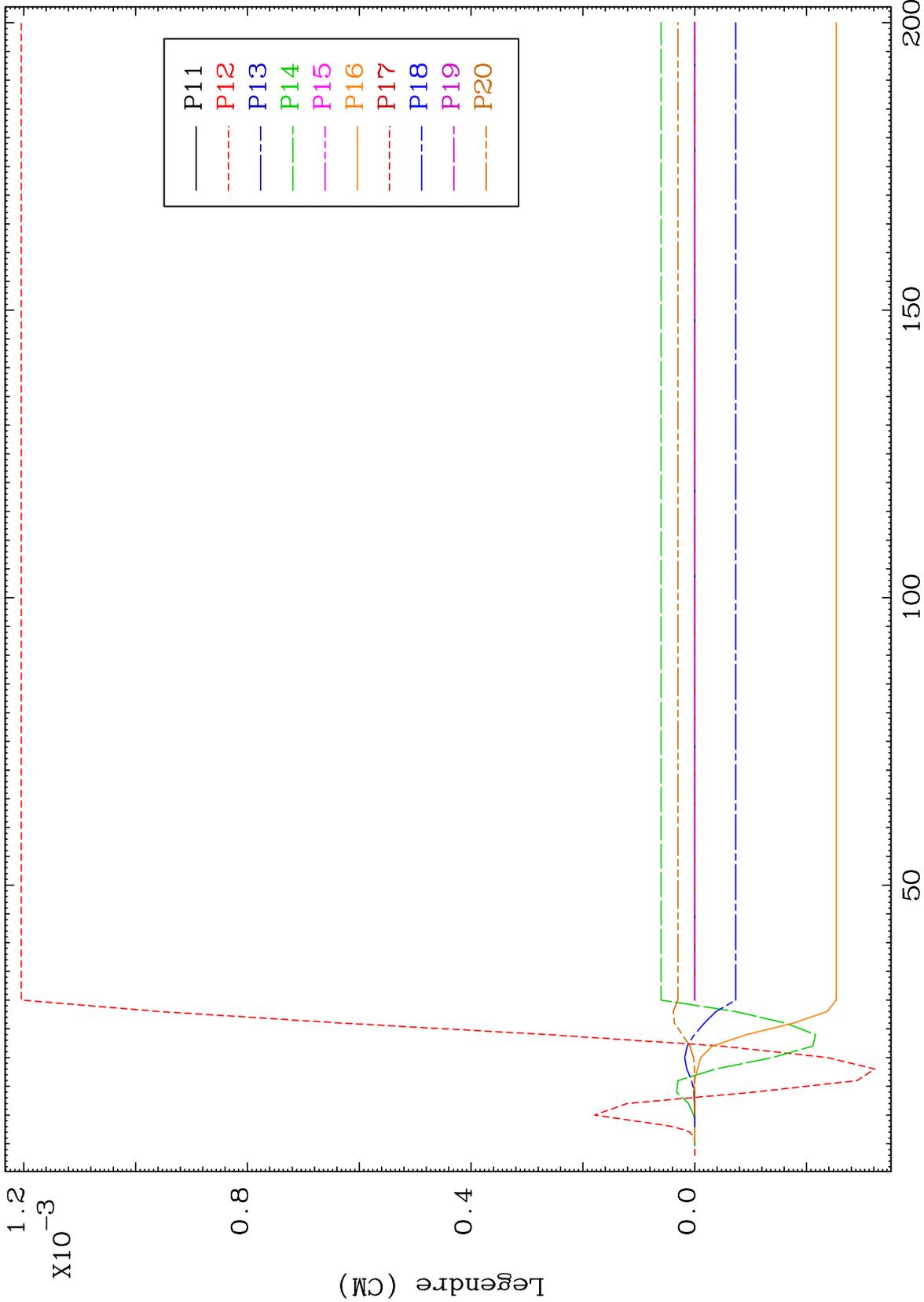
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MAT 8425

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

84-Po-206



56

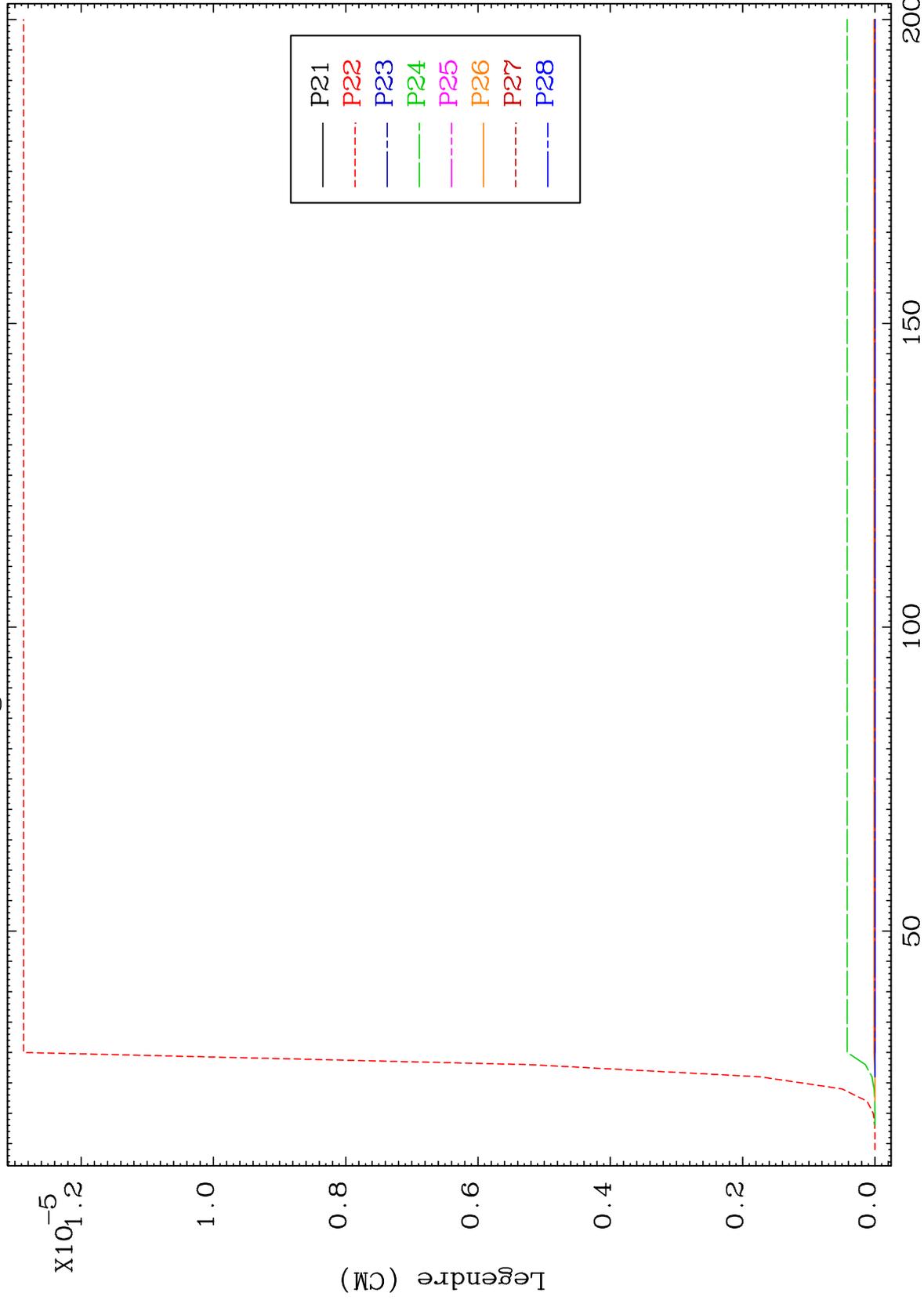
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



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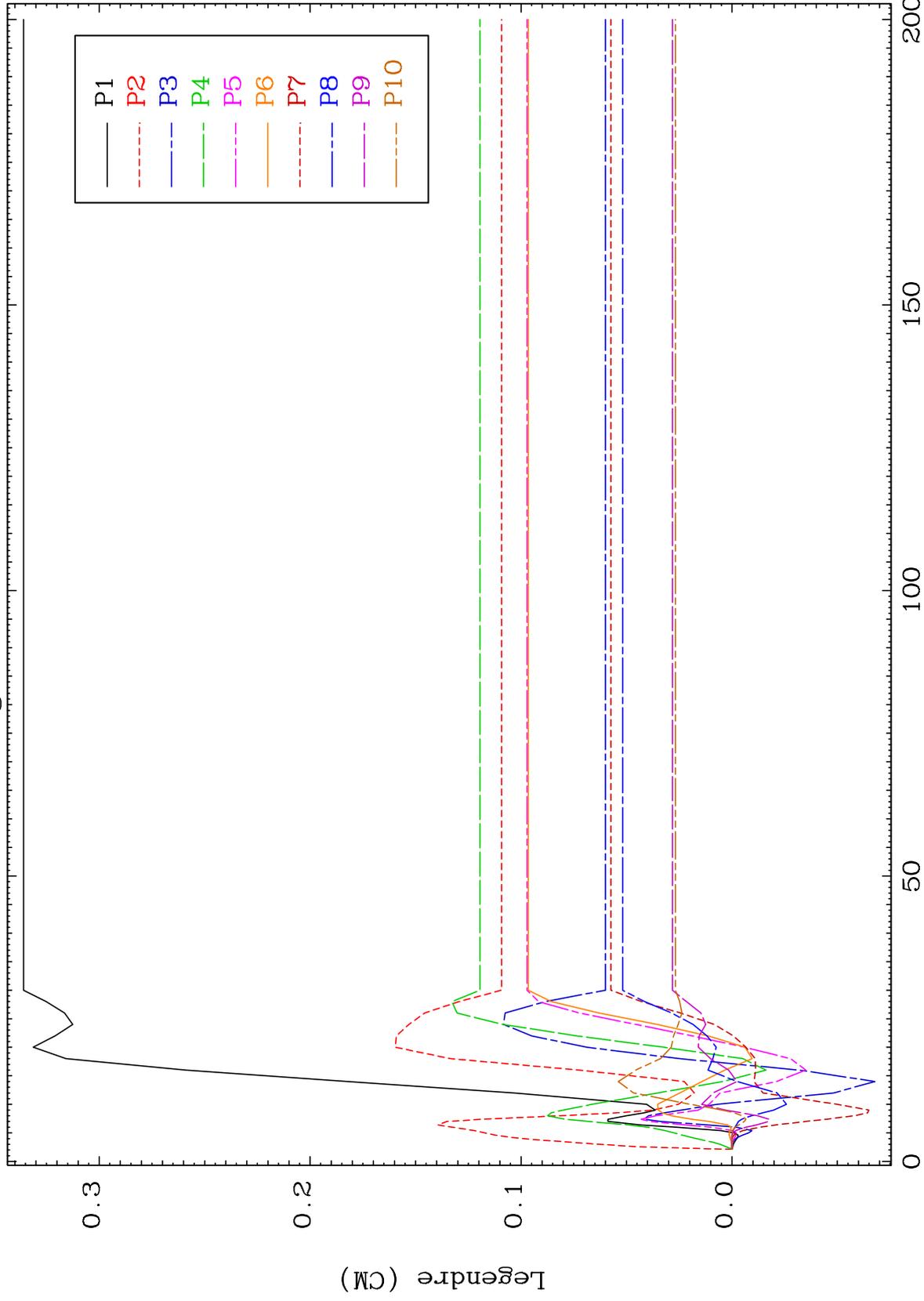
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



84-Po-206

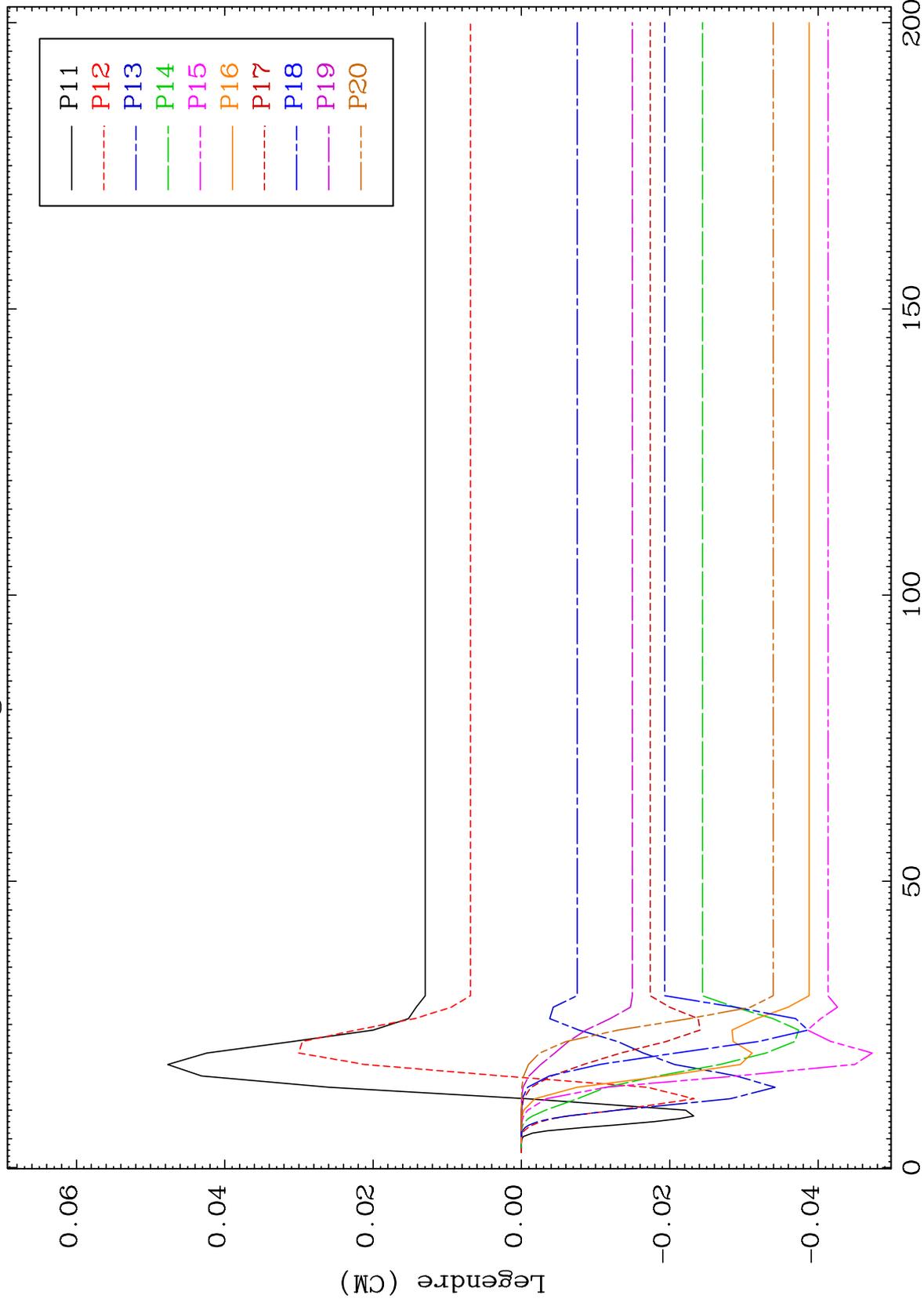
Incident Energy (MeV)

58

MAT 8425

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

84-Po-206



59

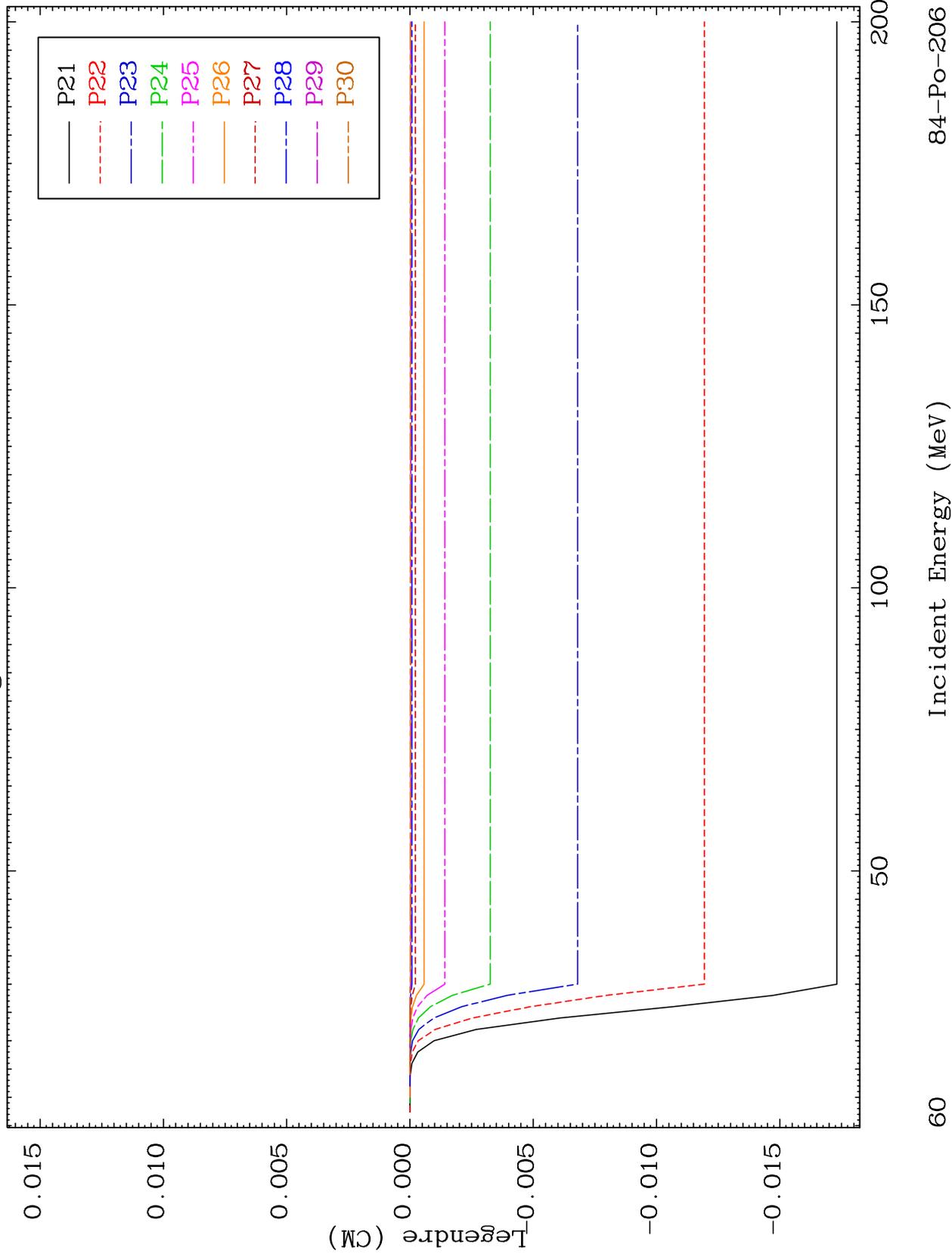
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



60

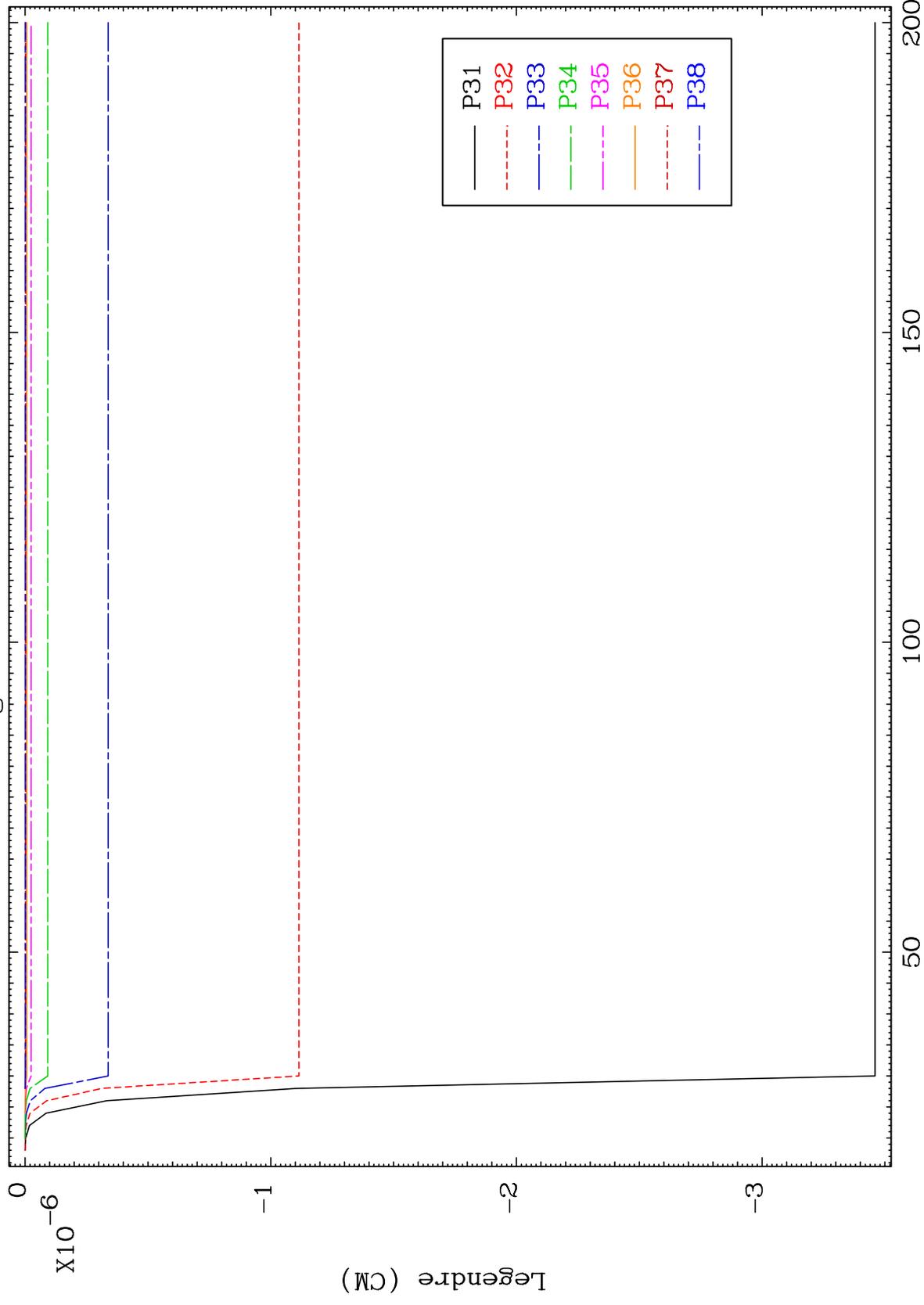
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



61

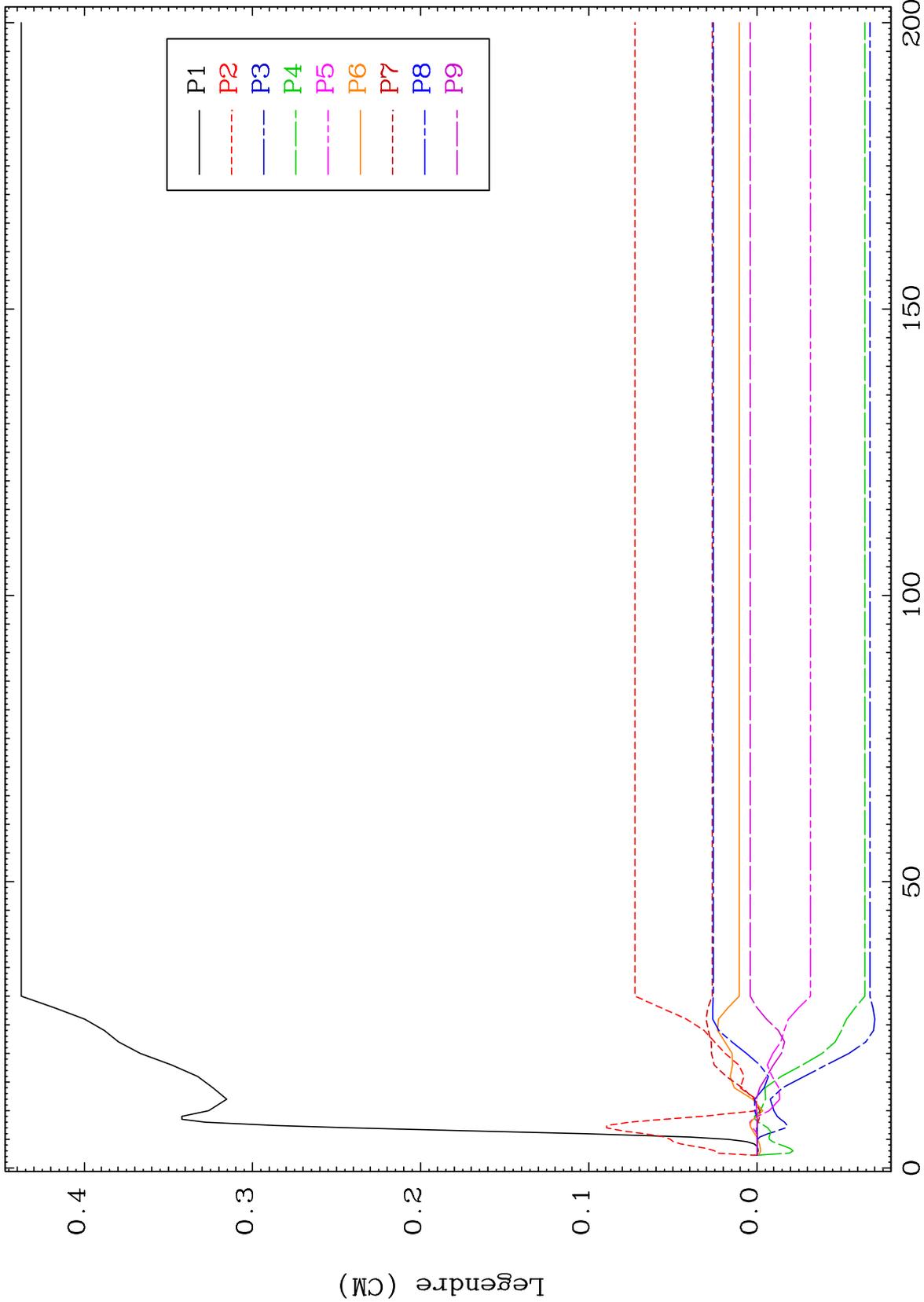
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



62

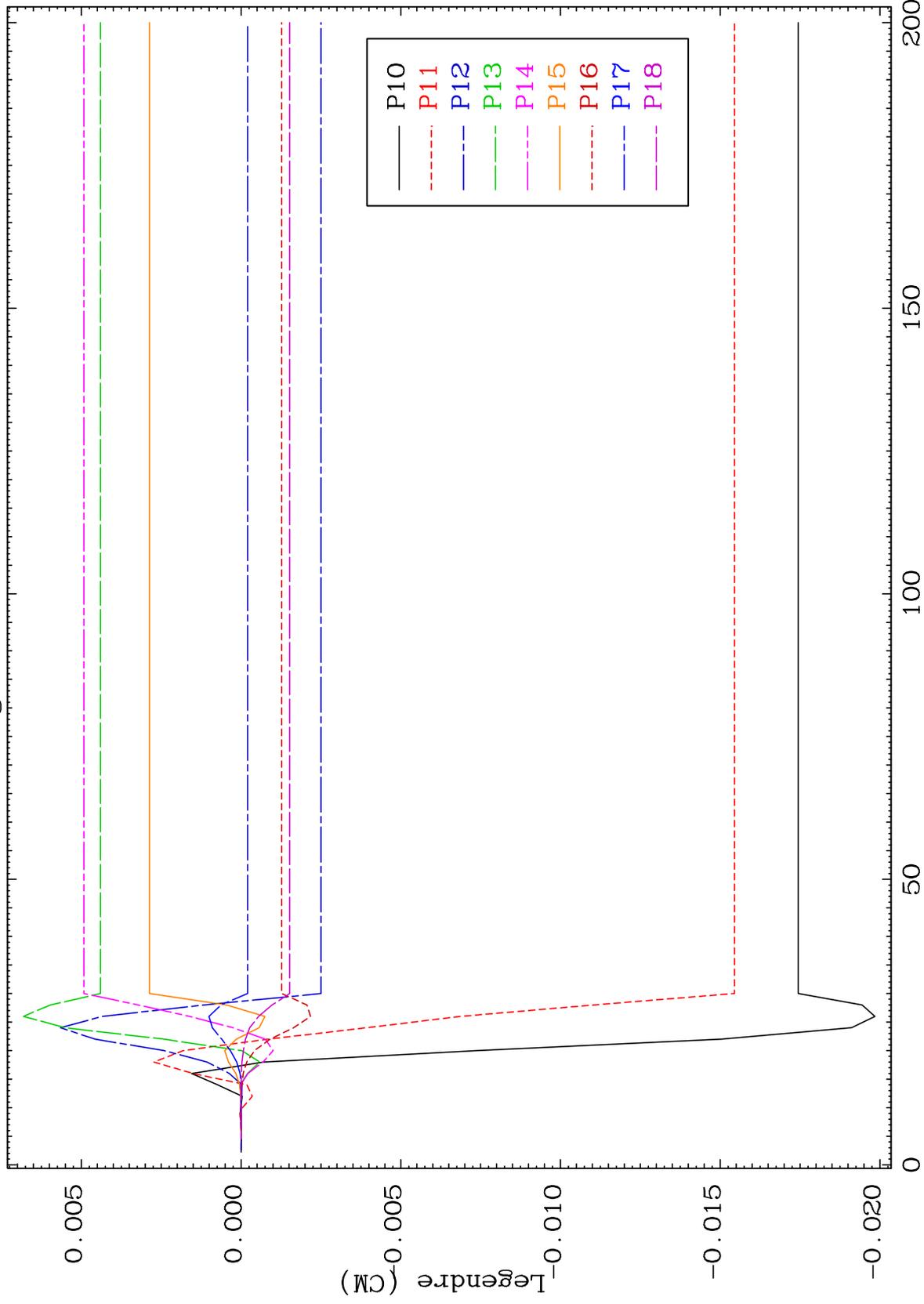
Incident Energy (MeV)

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MAT 8425

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

84-Po-206



63

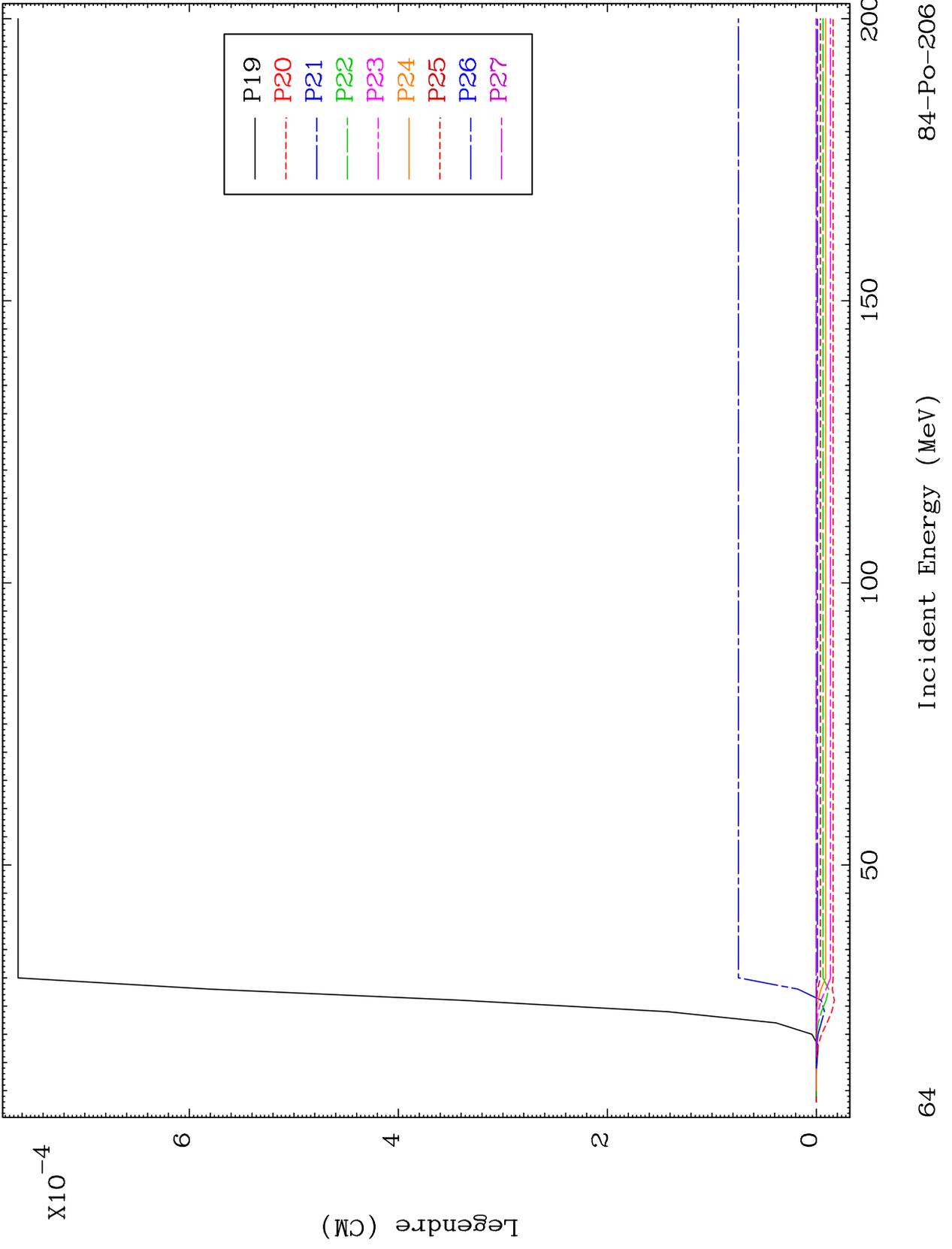
Incident Energy (MeV)

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MAT 8425

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

84-Po-206



64

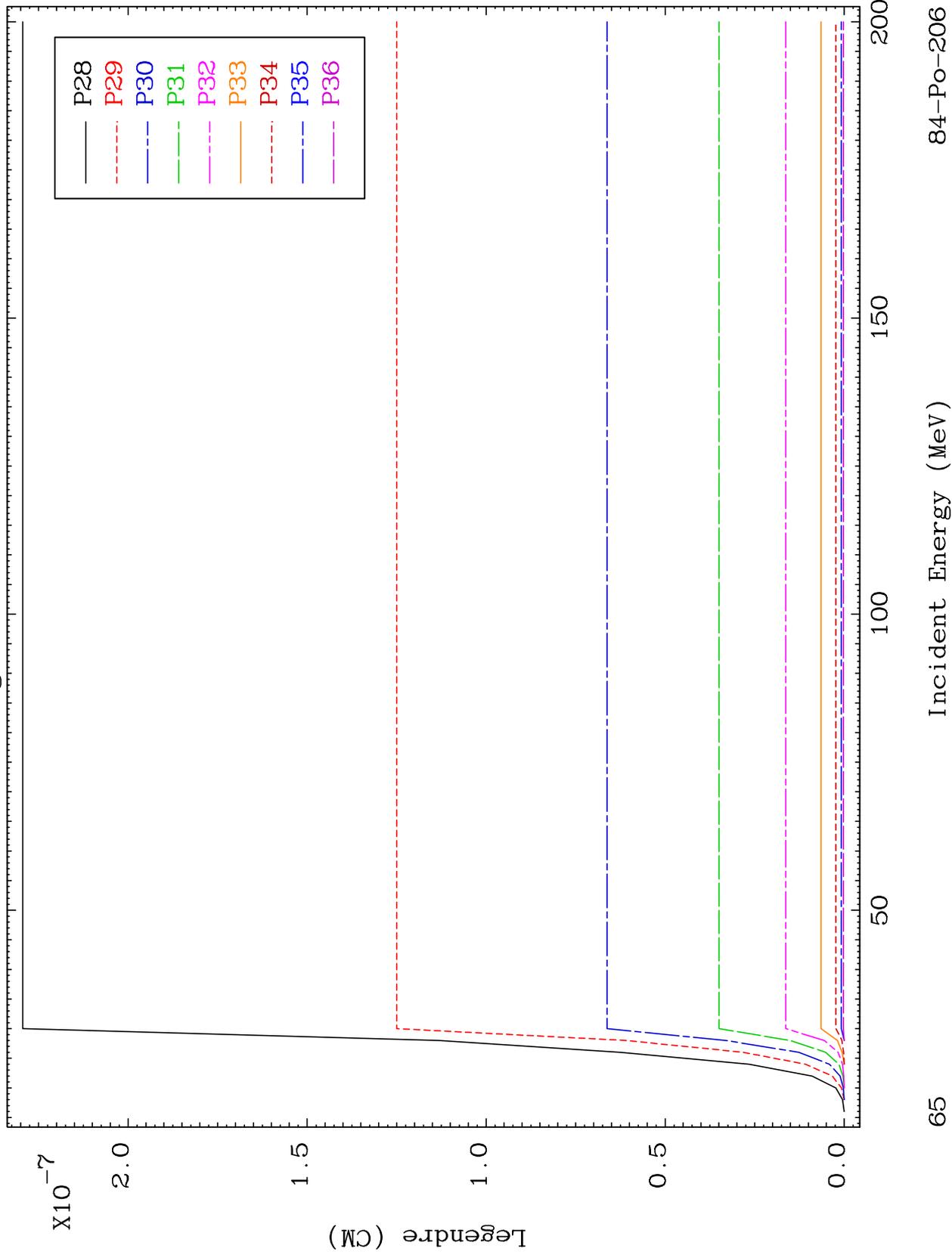
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



65

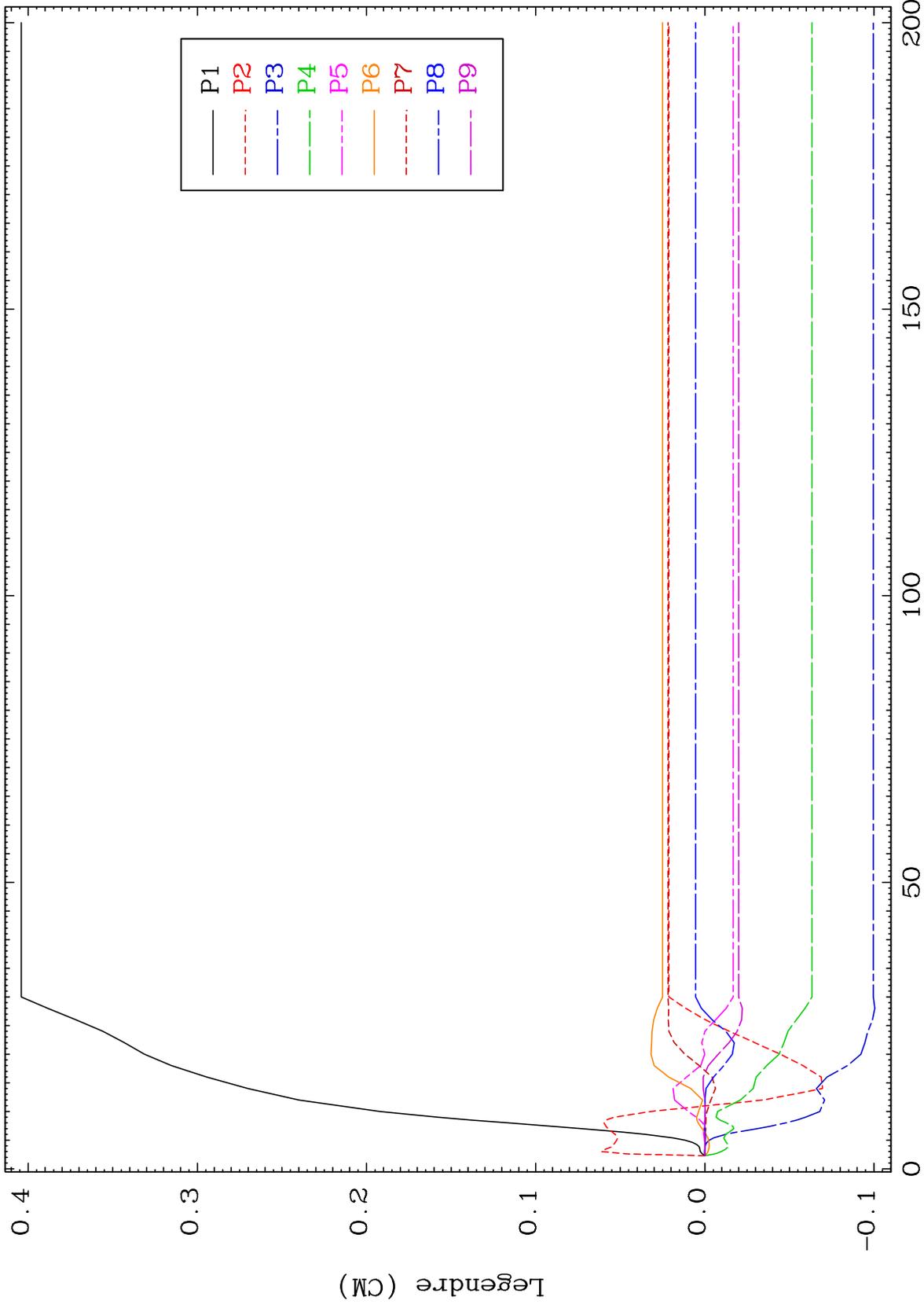
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



66

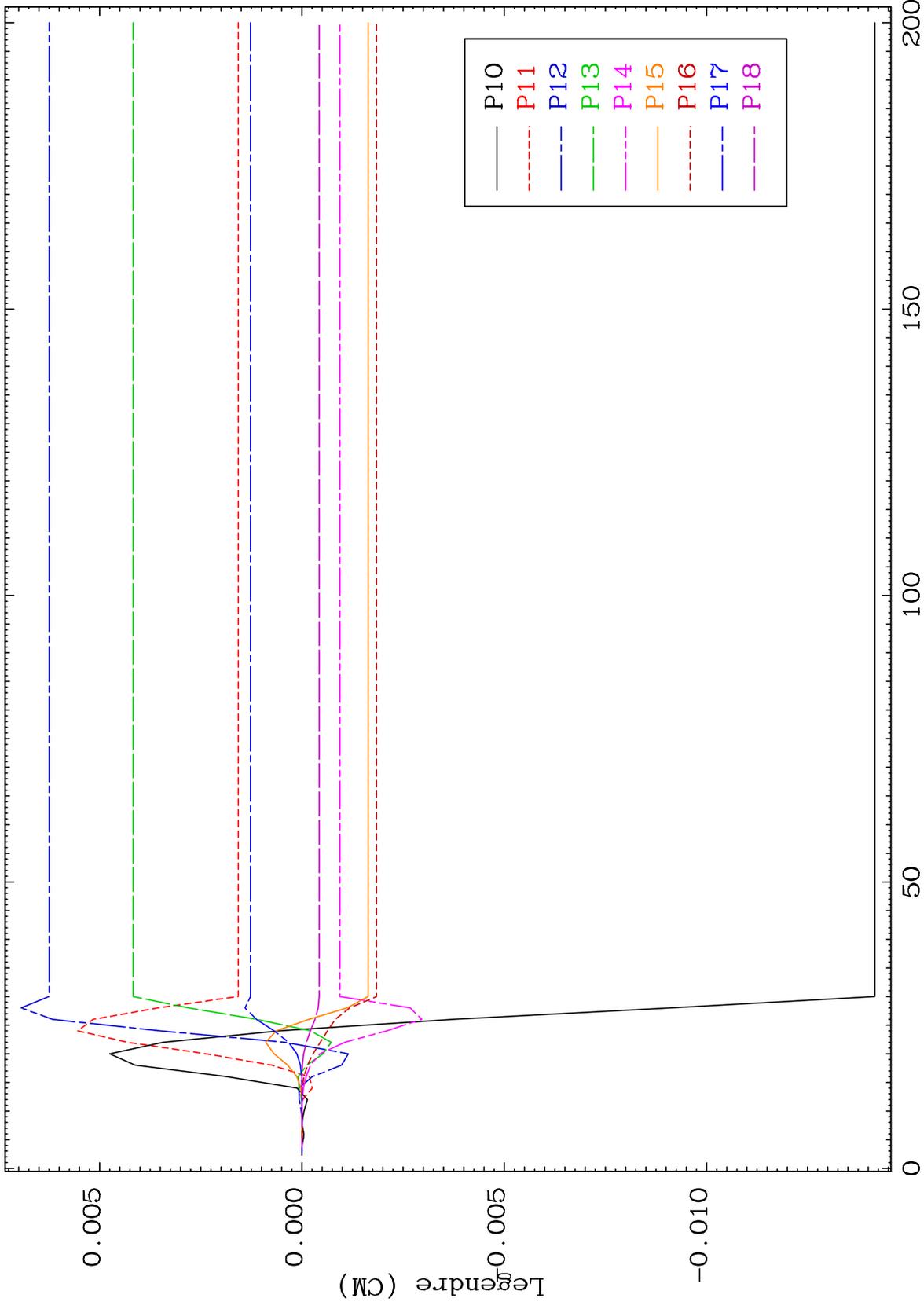
Incident Energy (MeV)

84-Po-206

MAT 8425

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

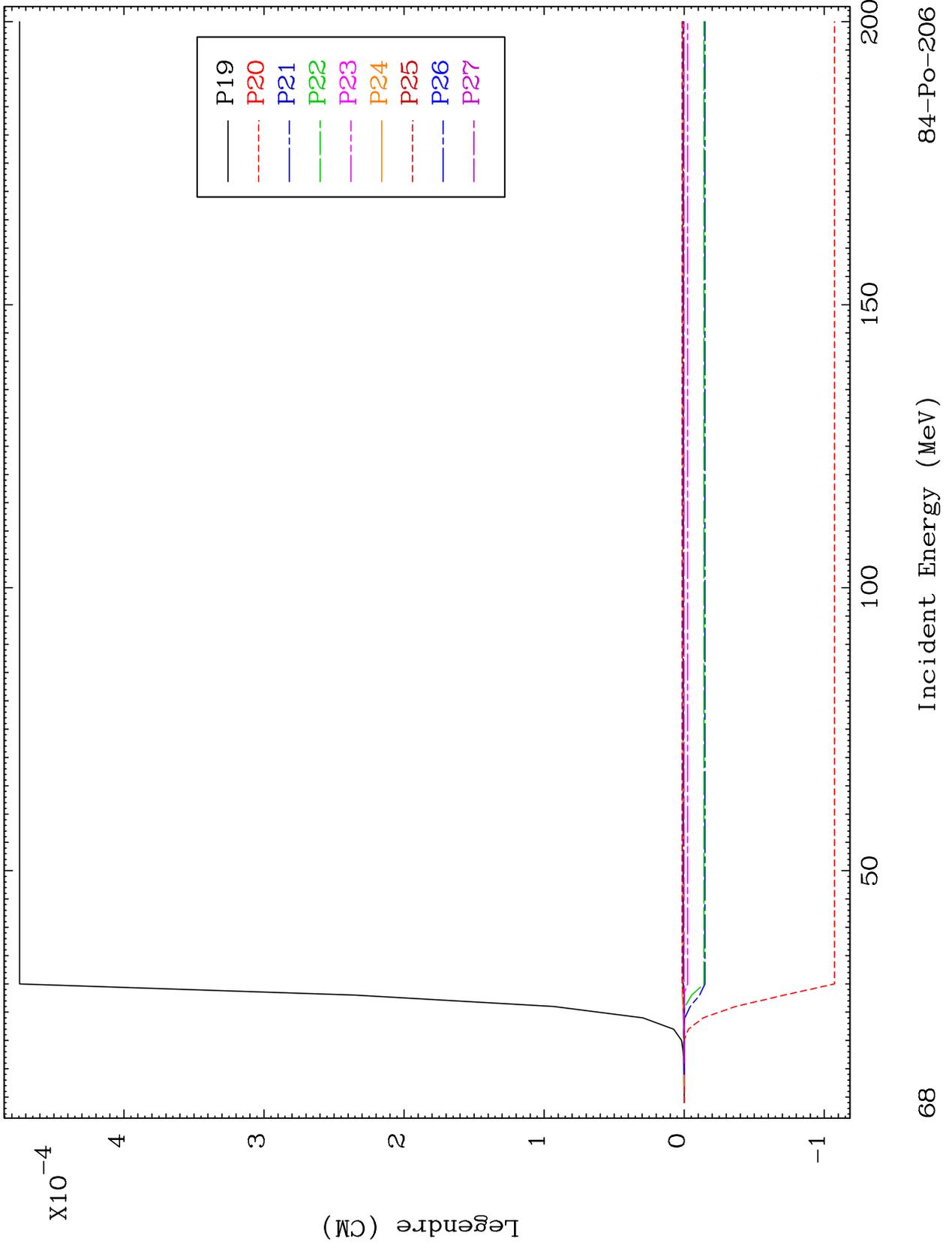
84-Po-206

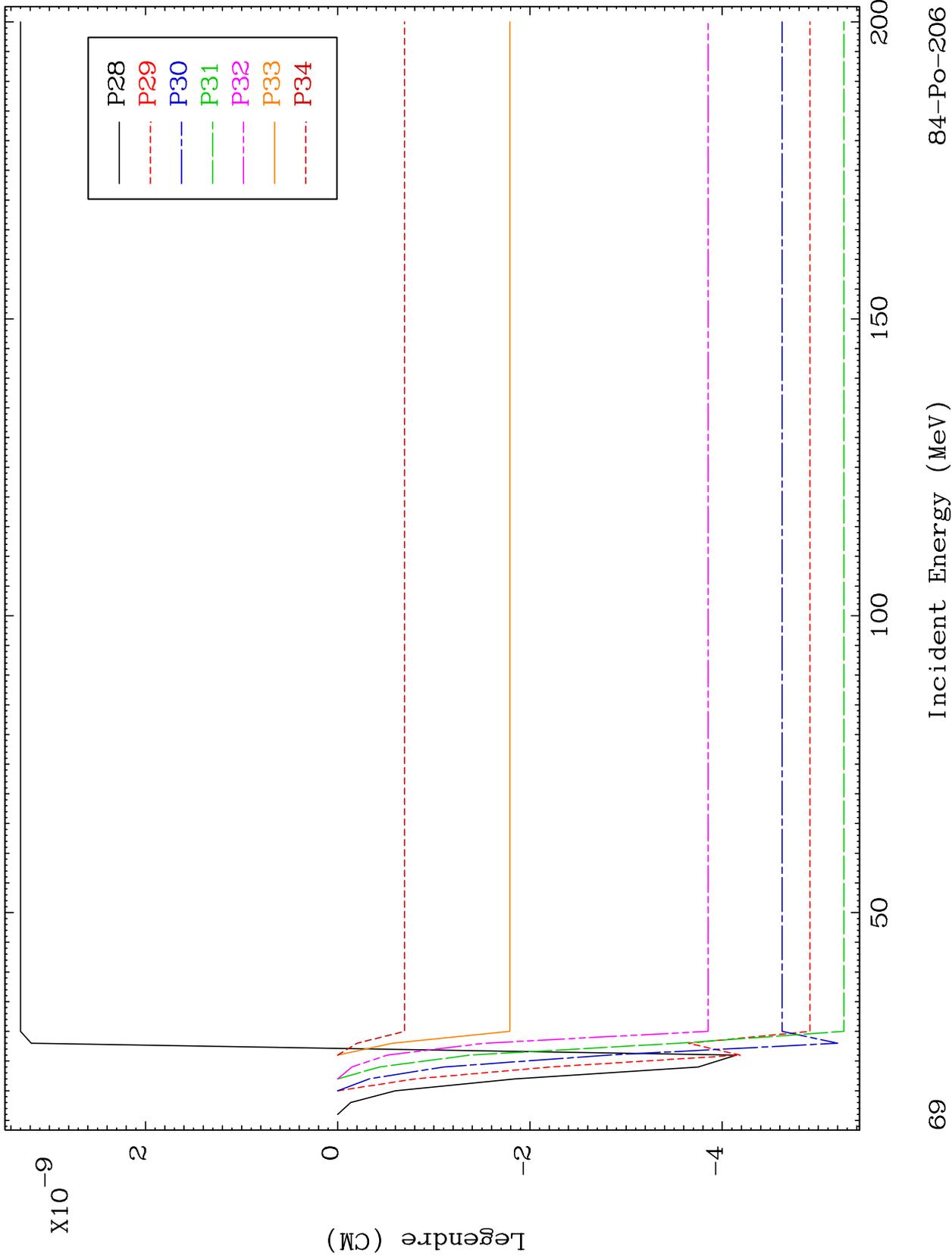


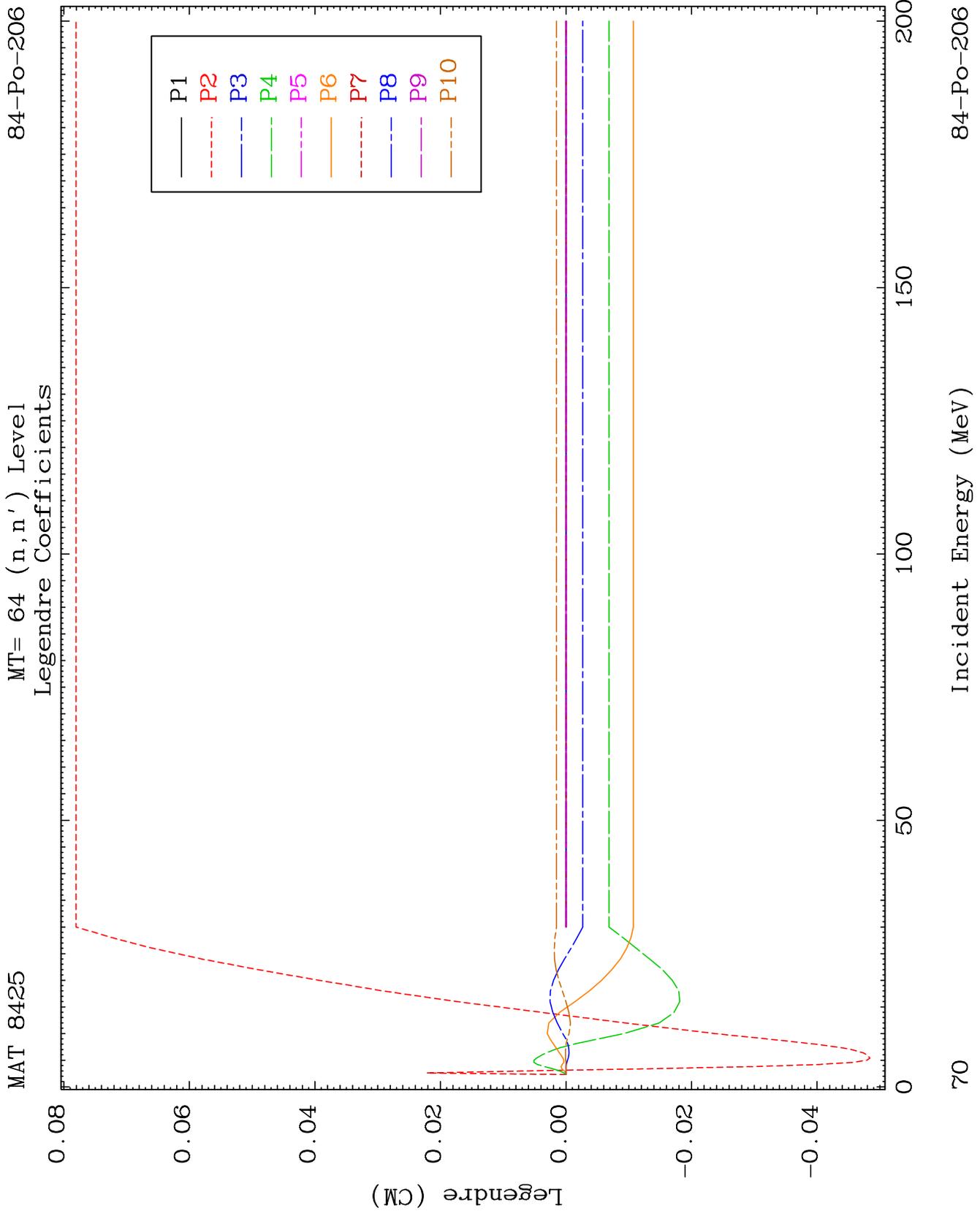
67

Incident Energy (MeV)

84-Po-206



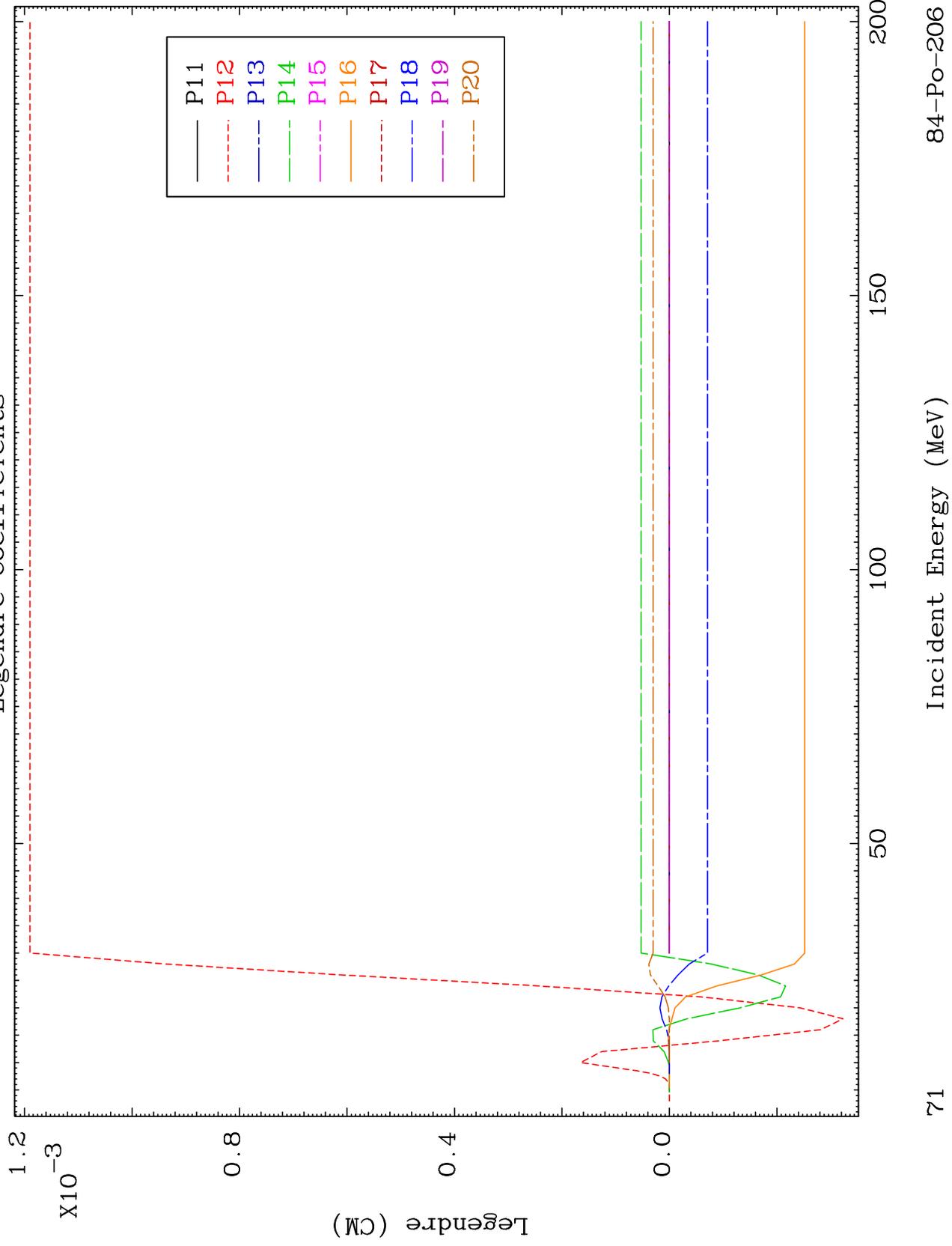




MAT 8425

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

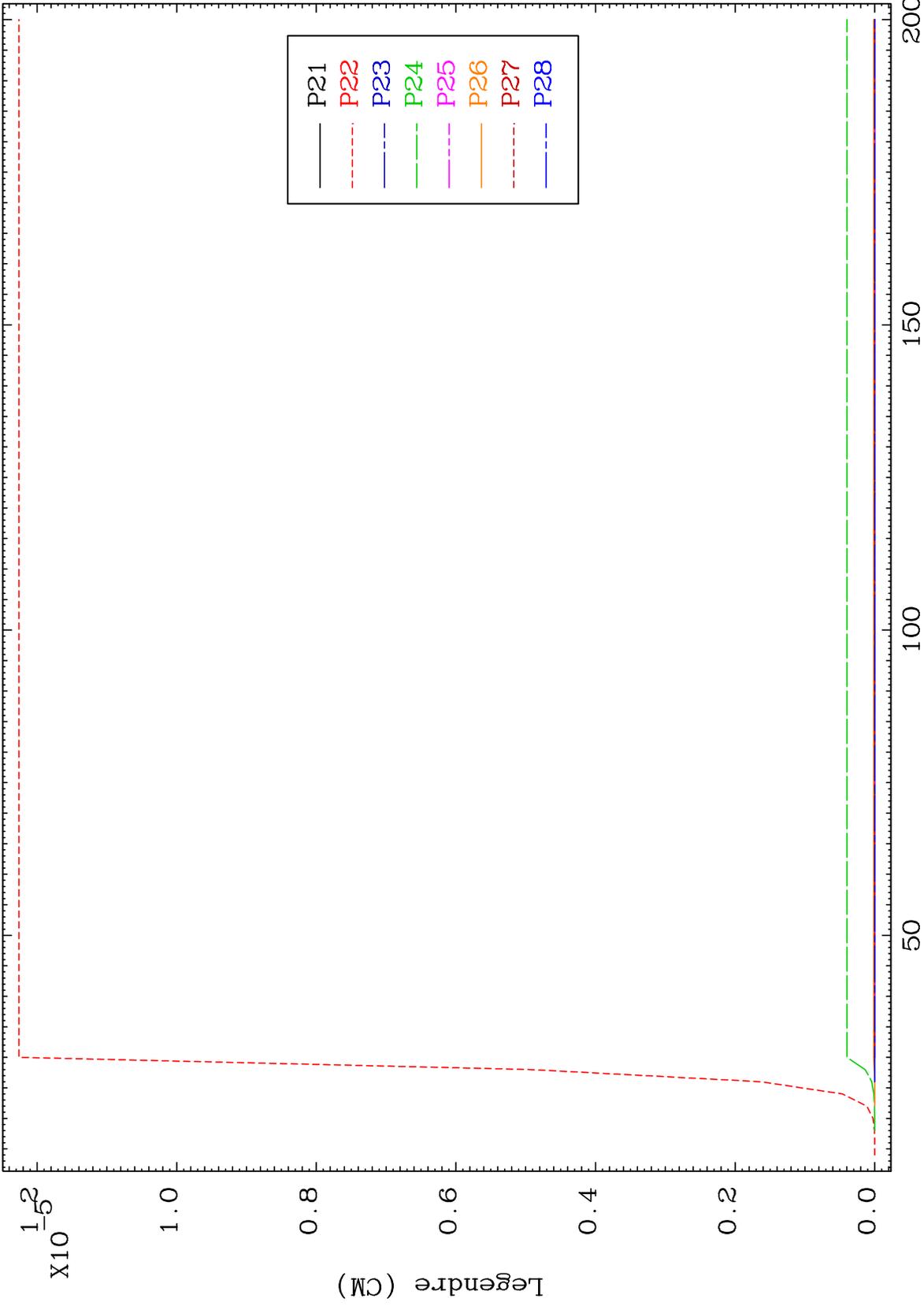
84-Po-206



MAT 8425

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

84-Po-206



72

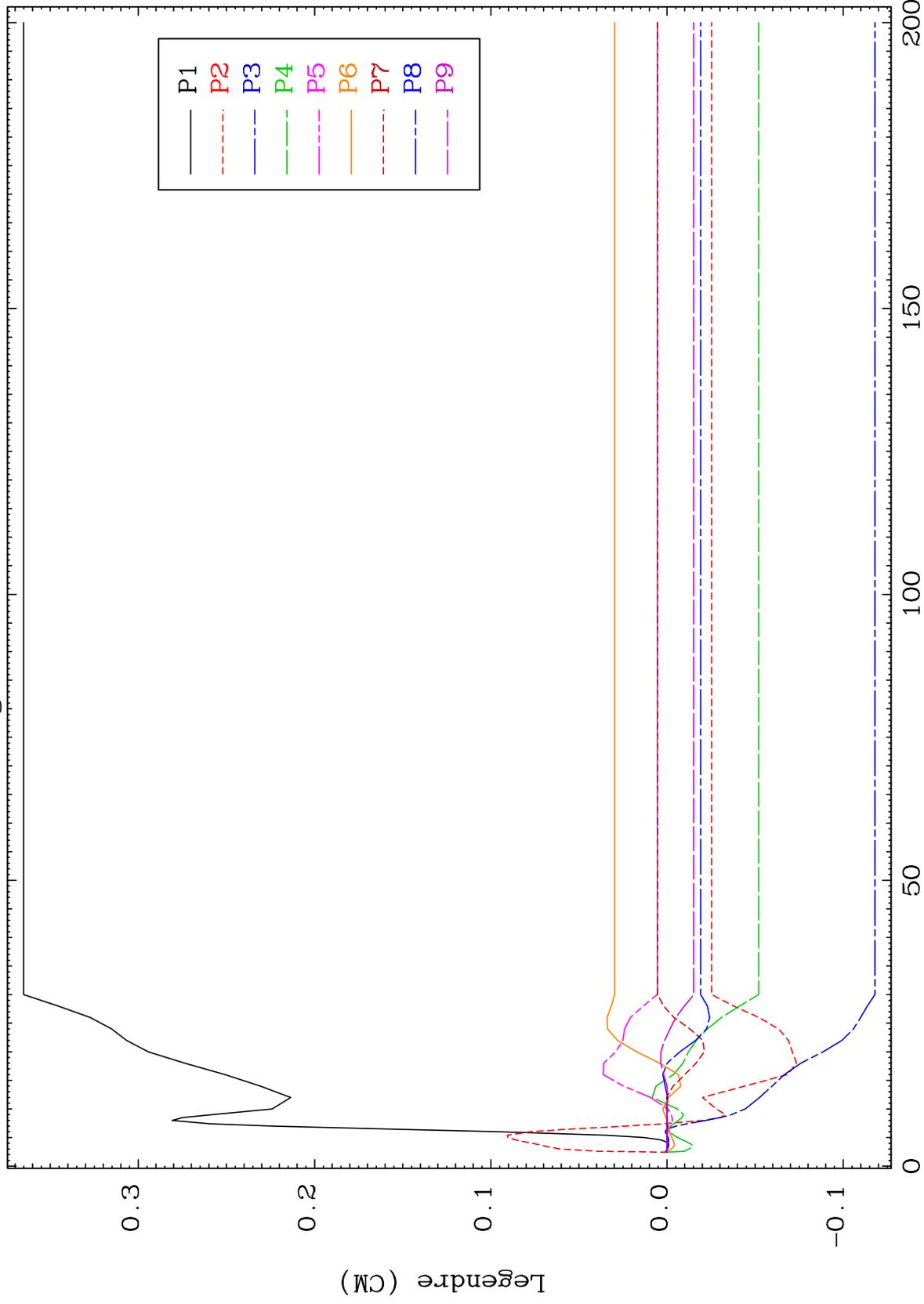
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



73

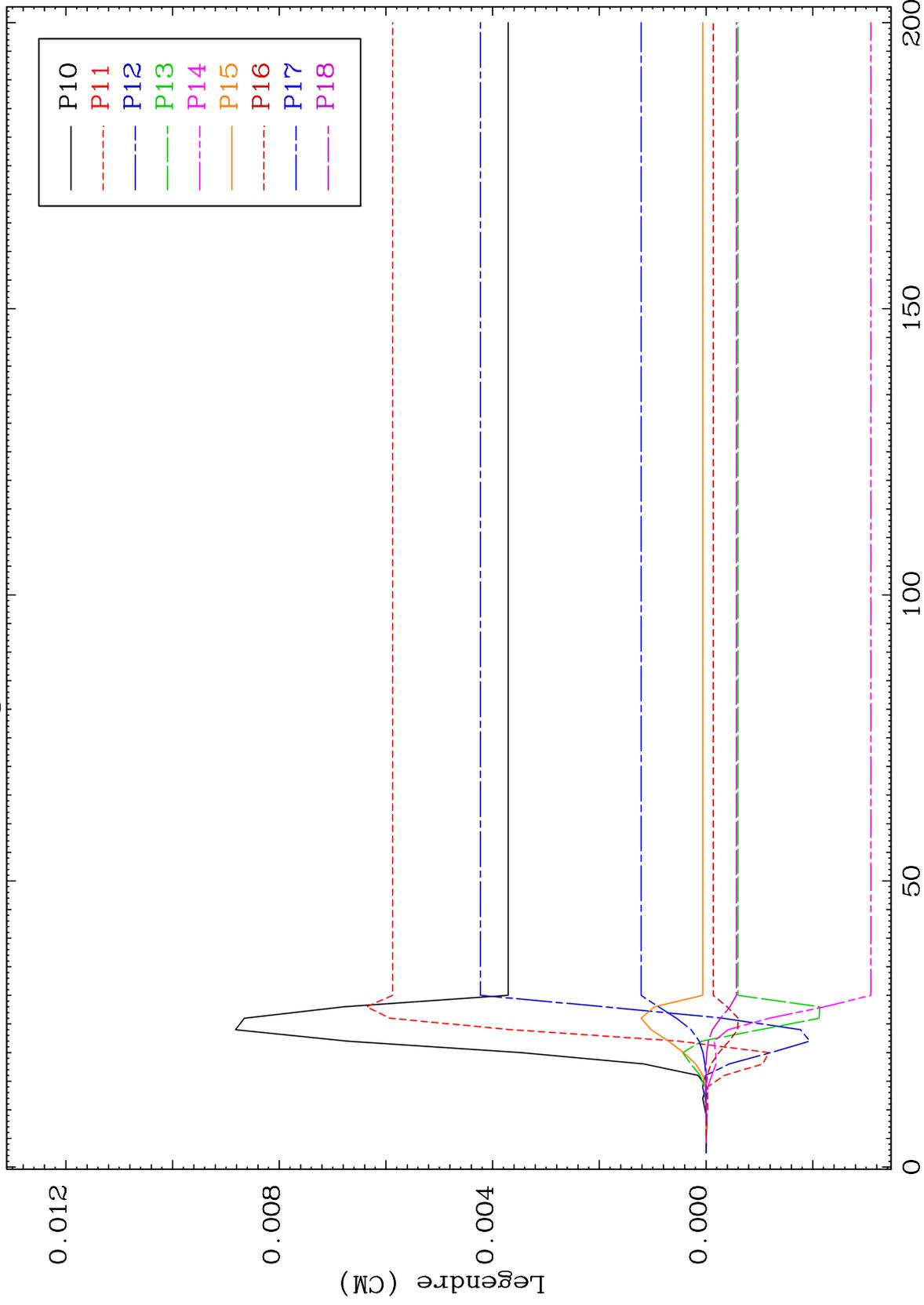
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



74

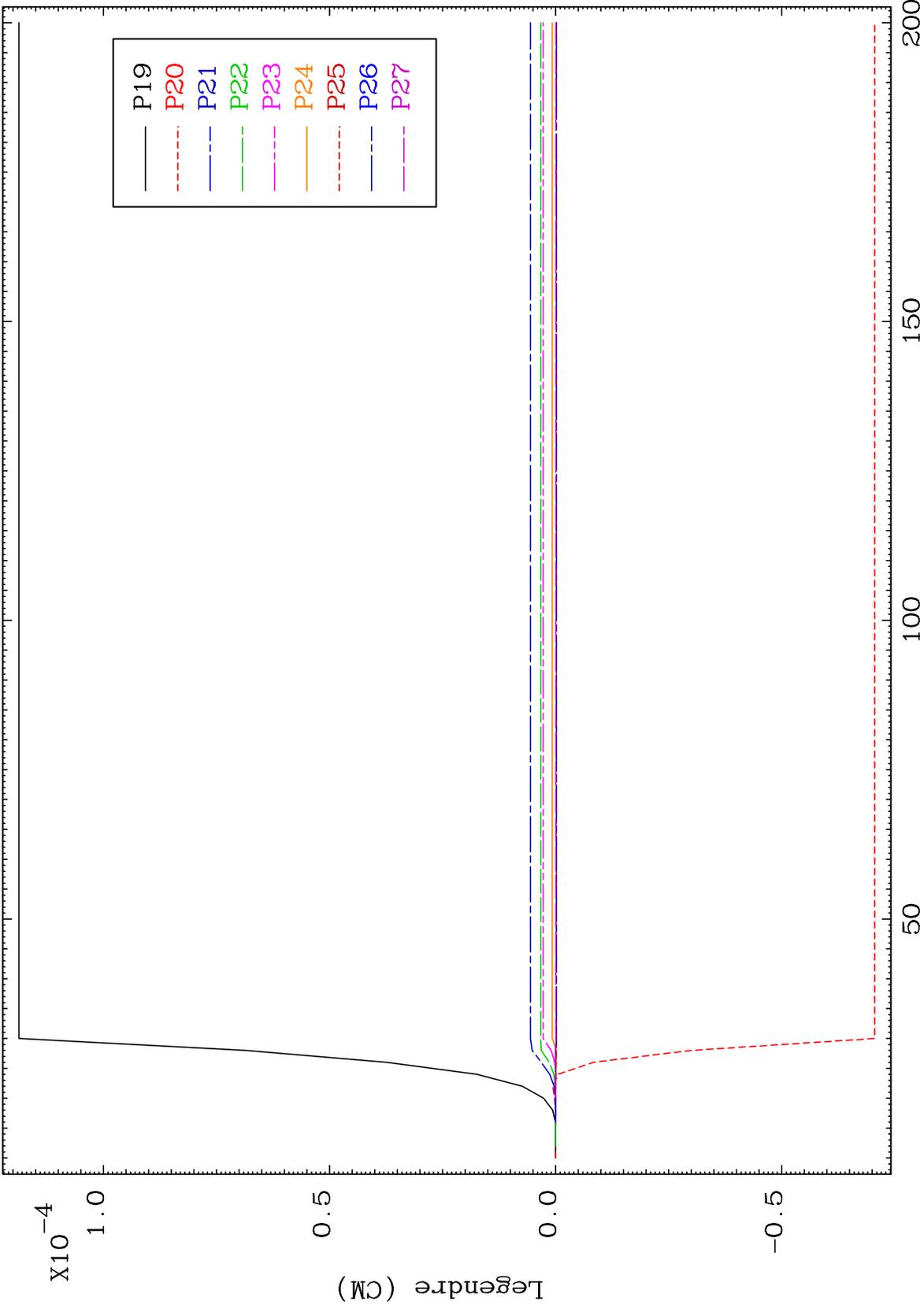
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



75

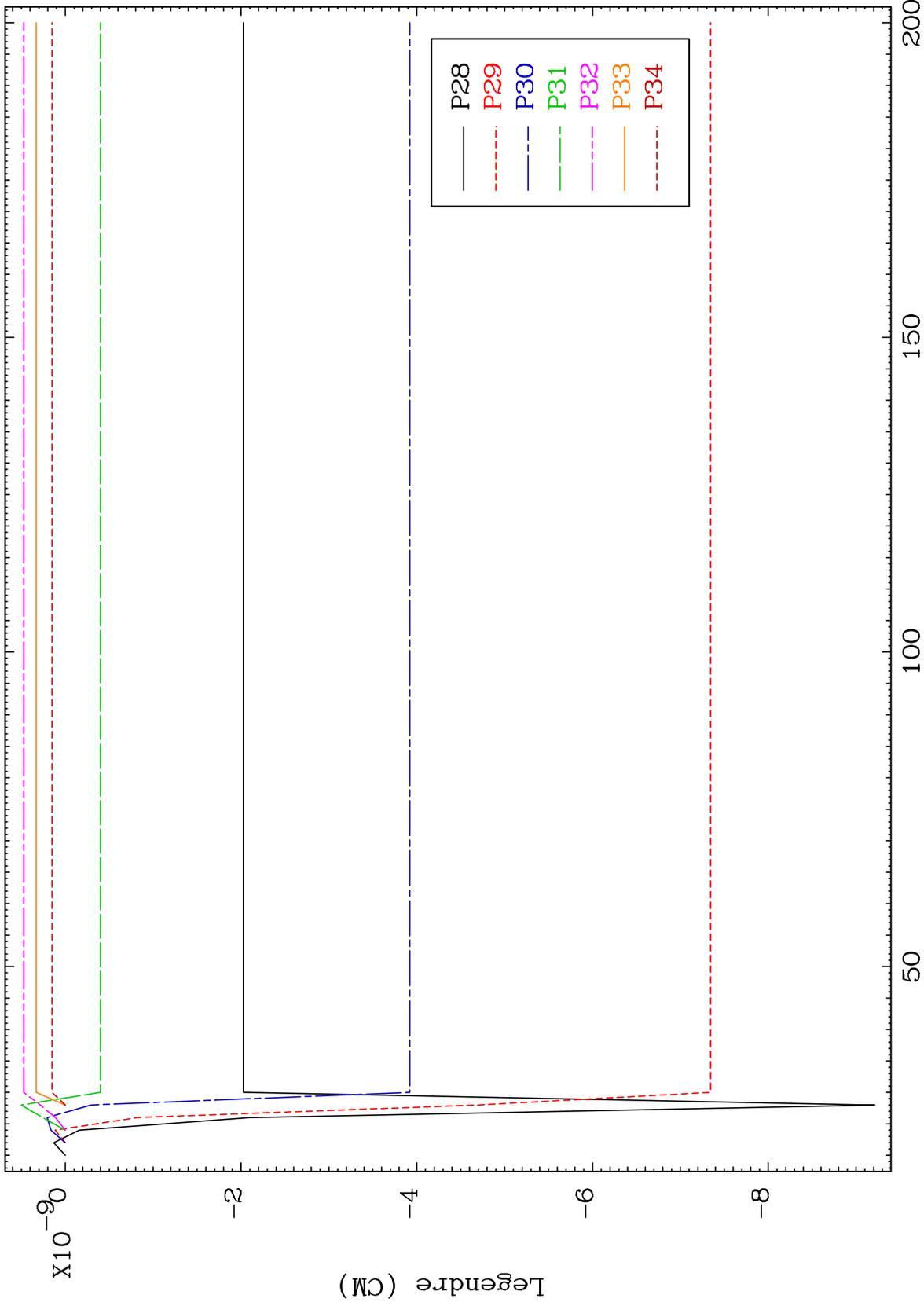
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



76

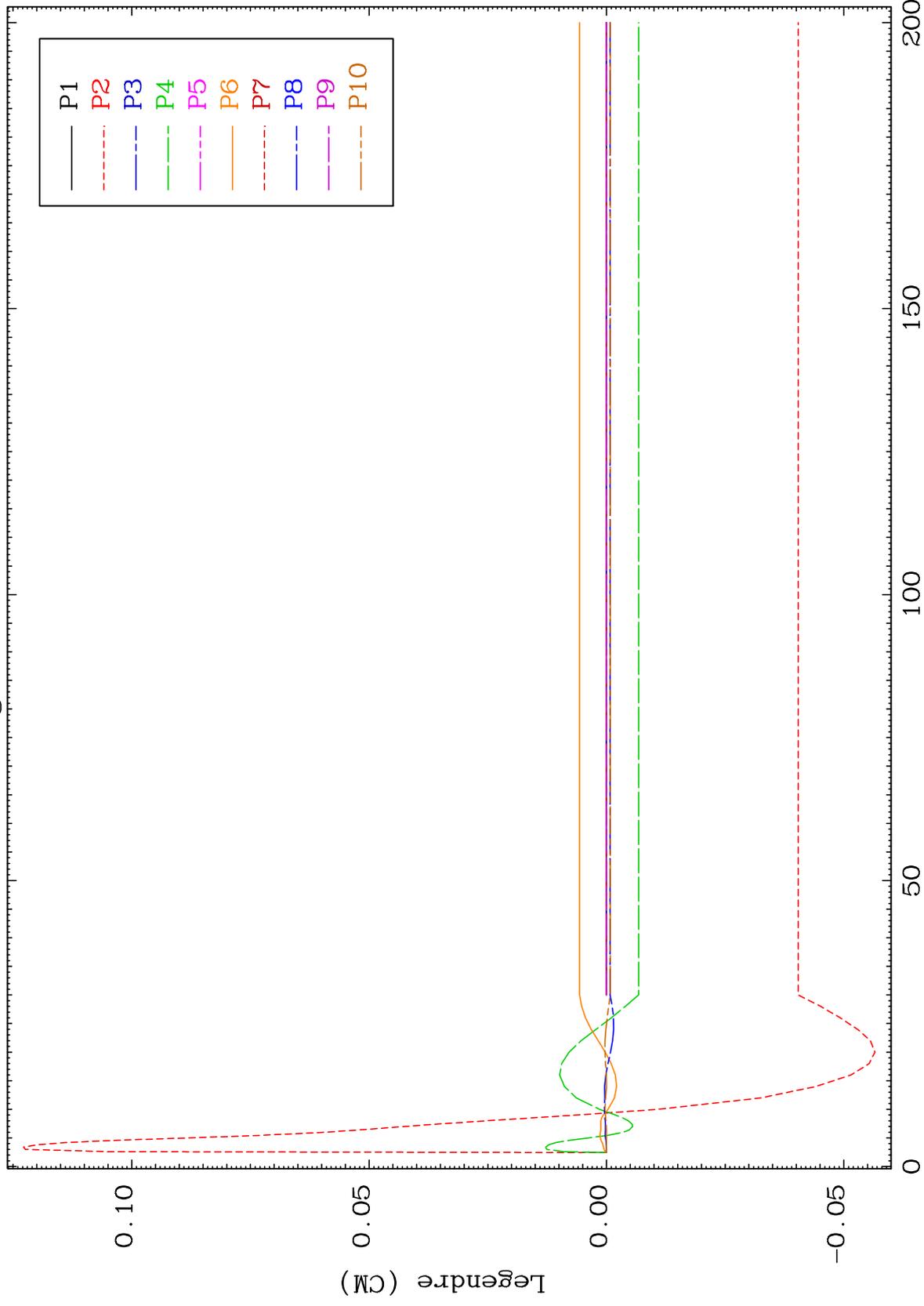
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



77

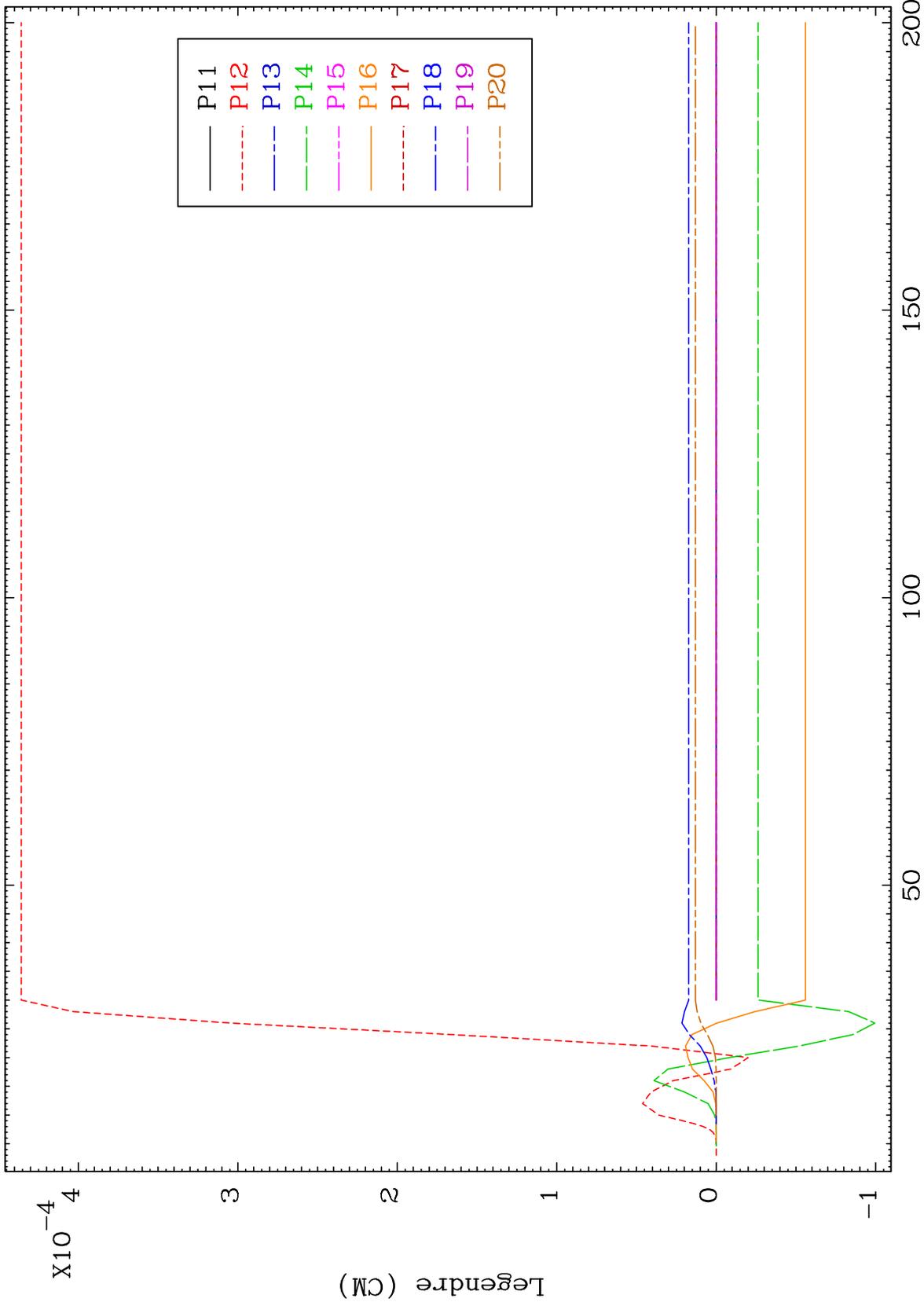
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



78

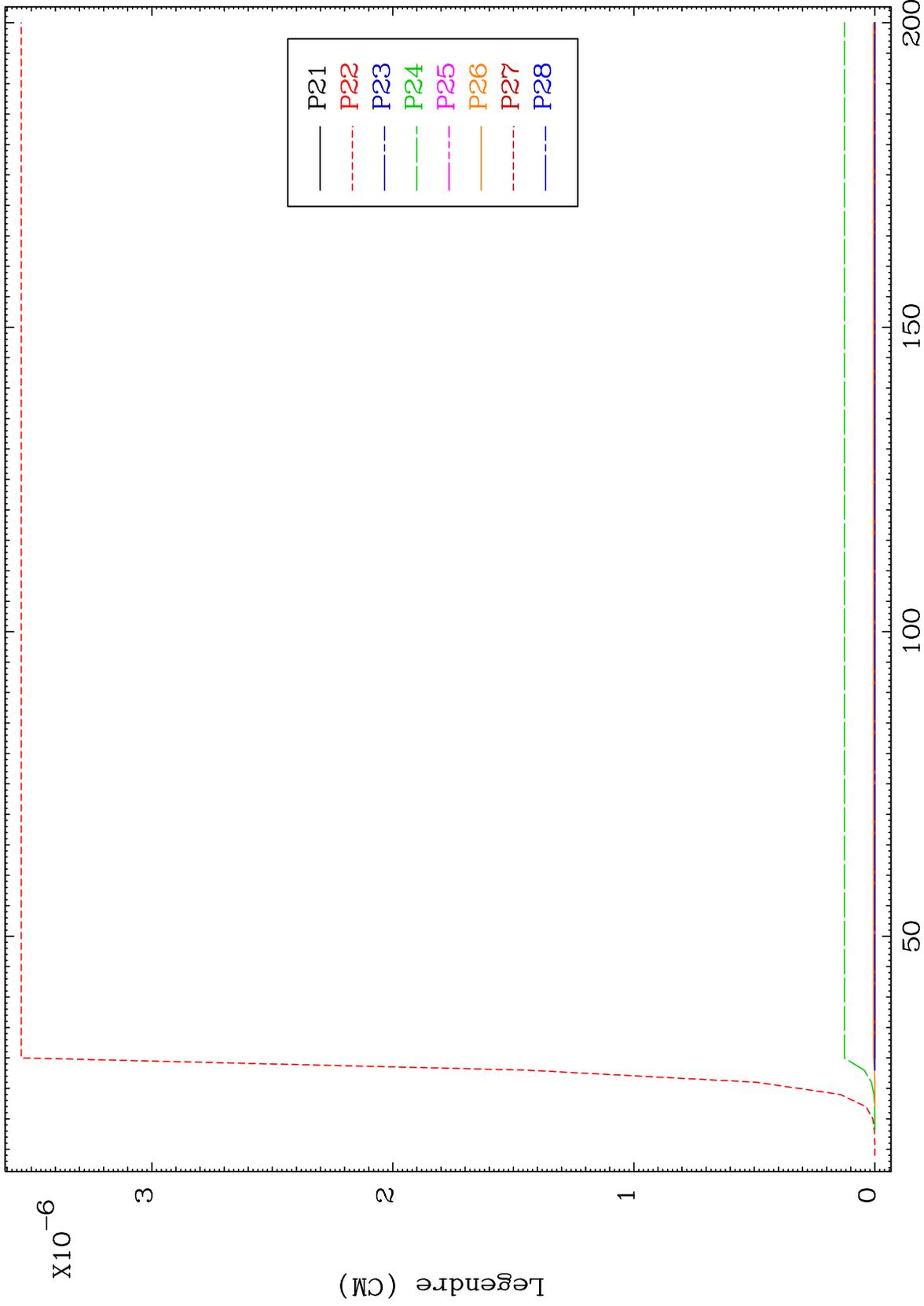
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



79

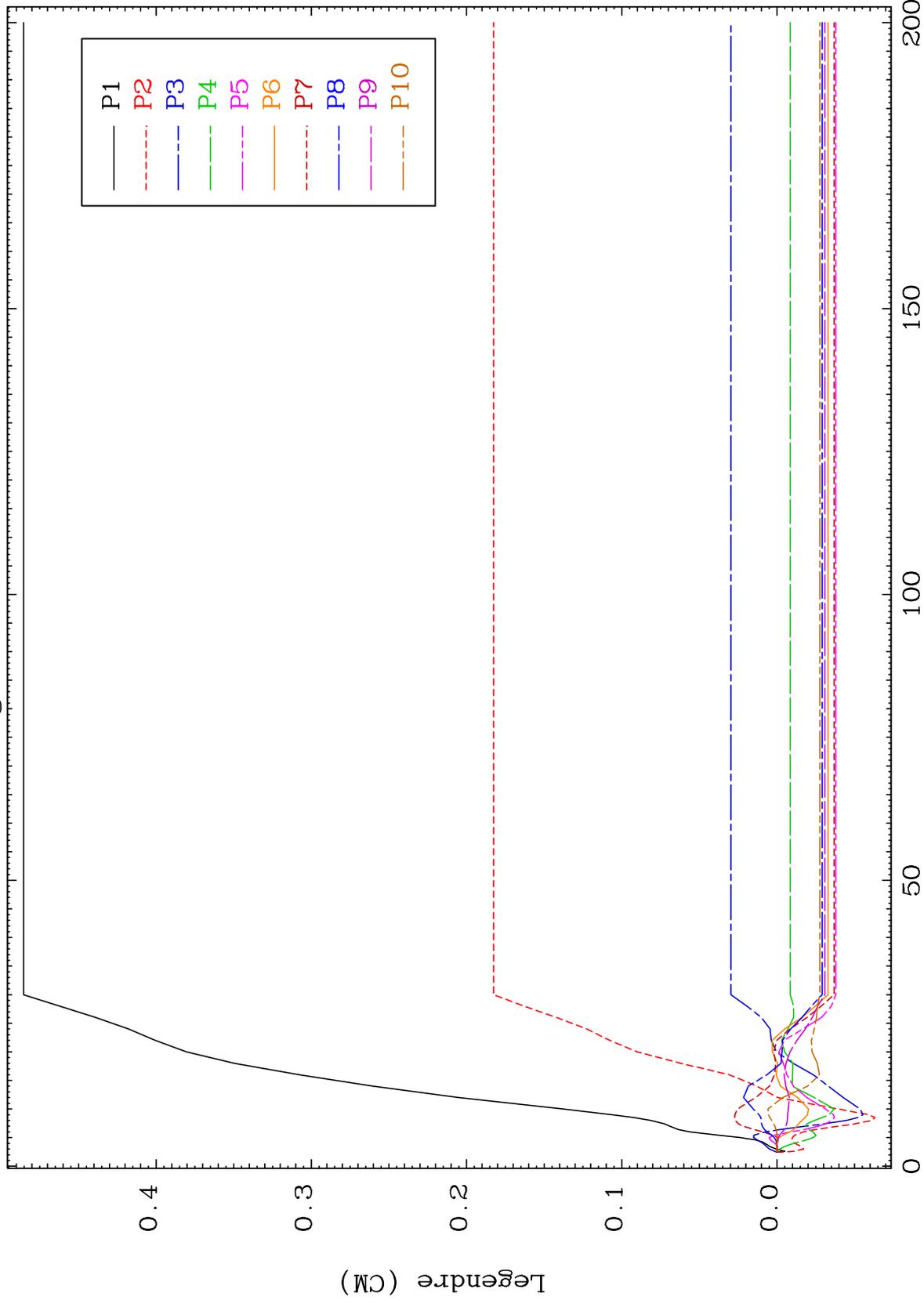
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



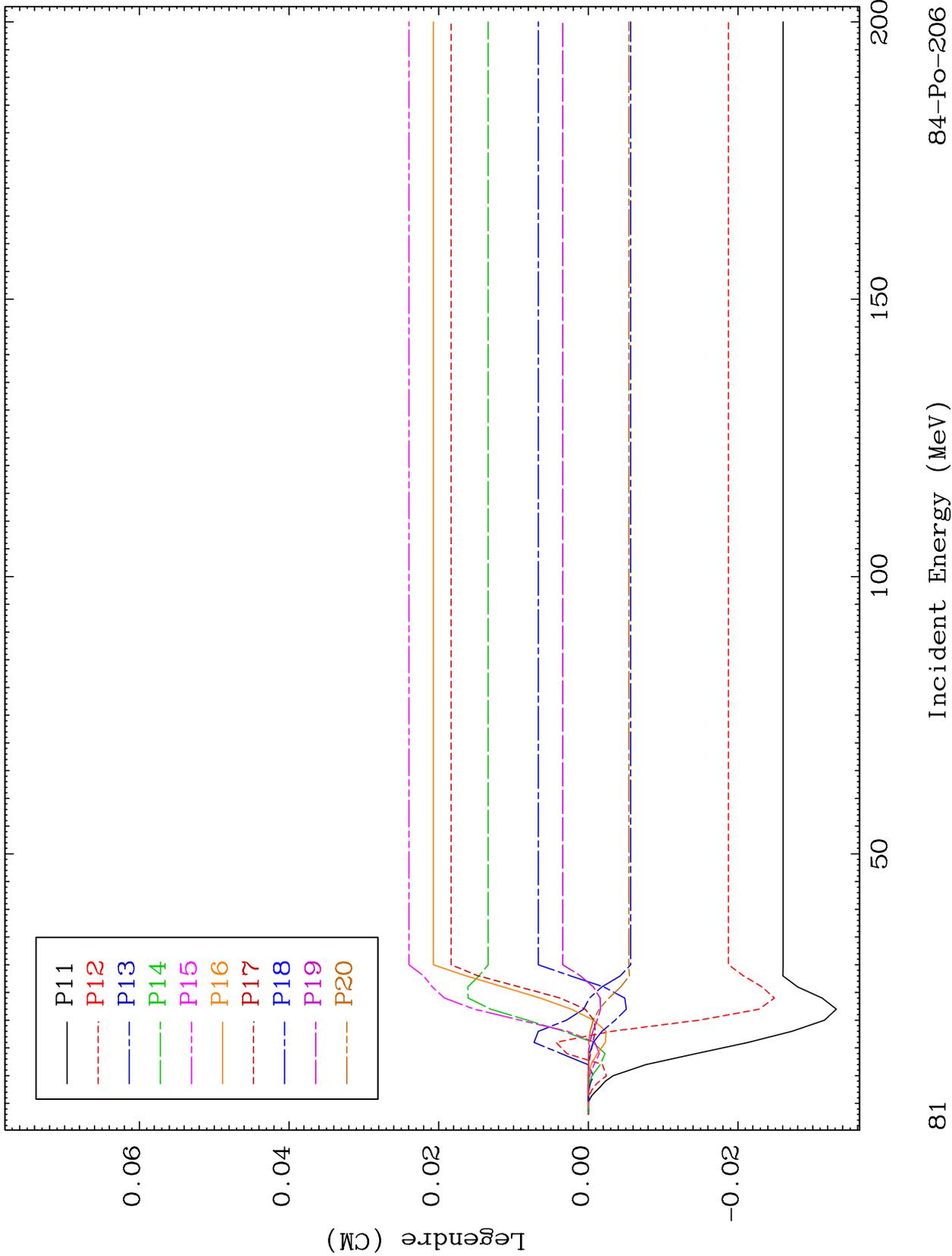
80

Incident Energy (MeV)

150

200

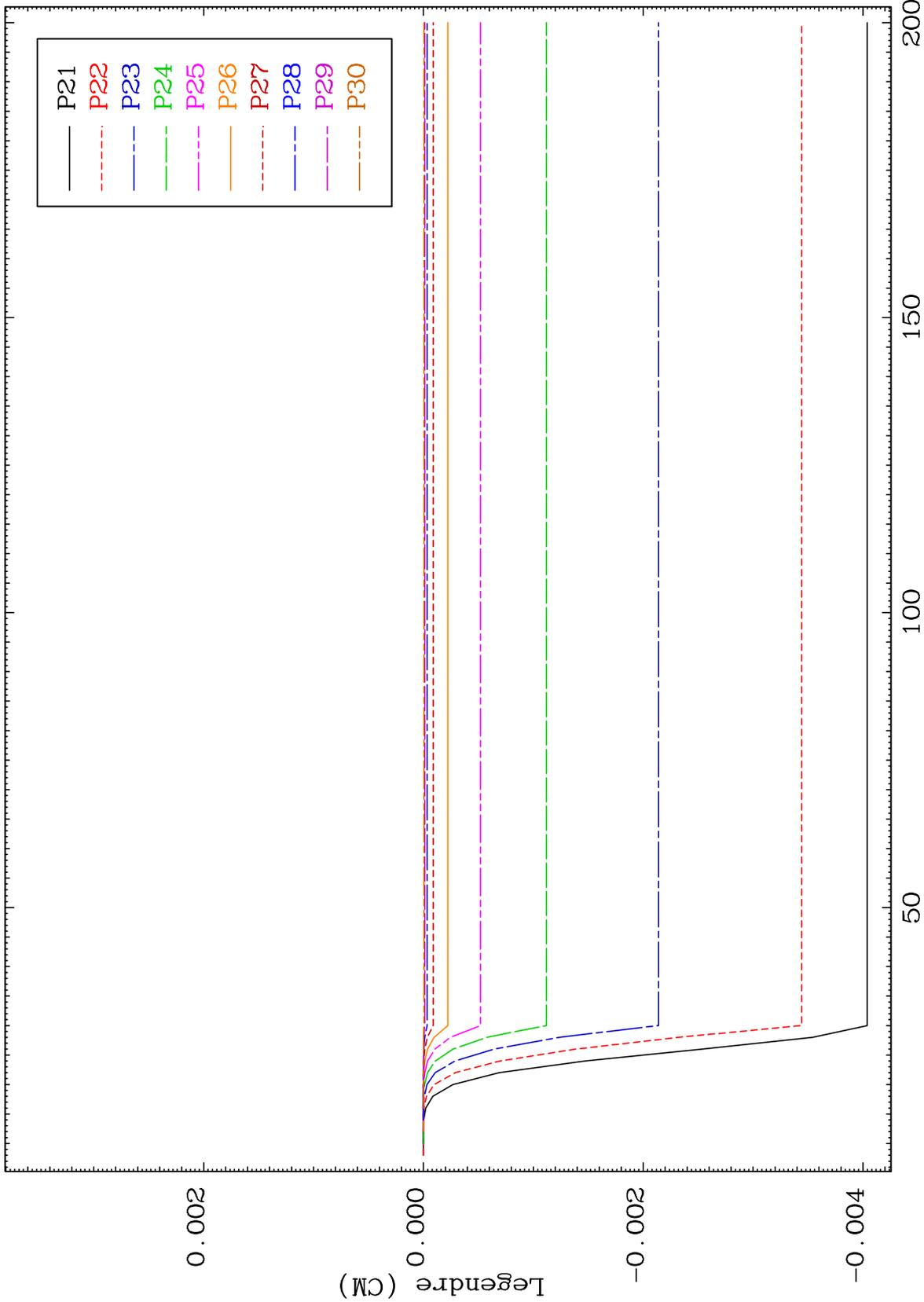
84-Po-206



MAT 8425

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

84-Po-206



82

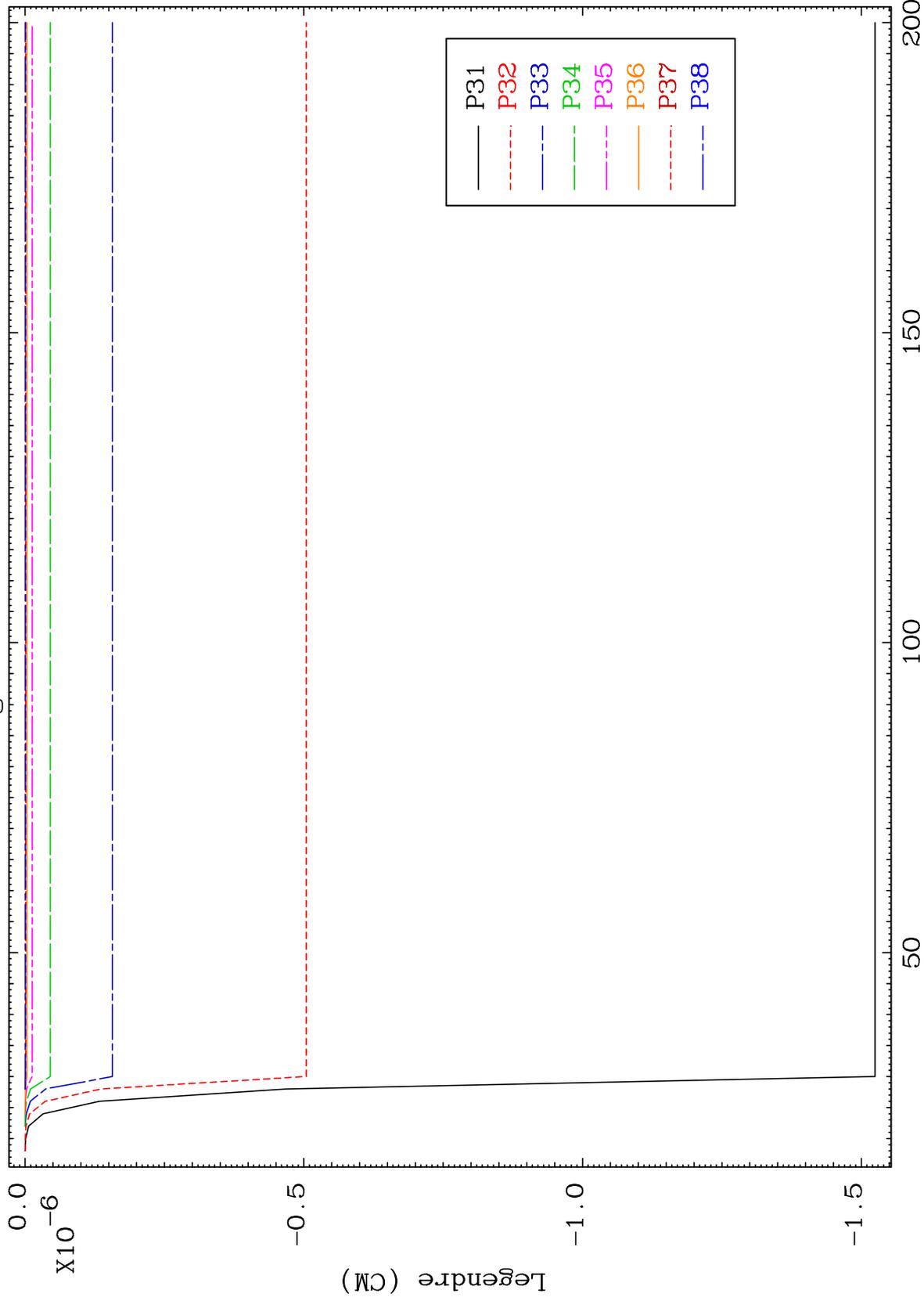
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



83

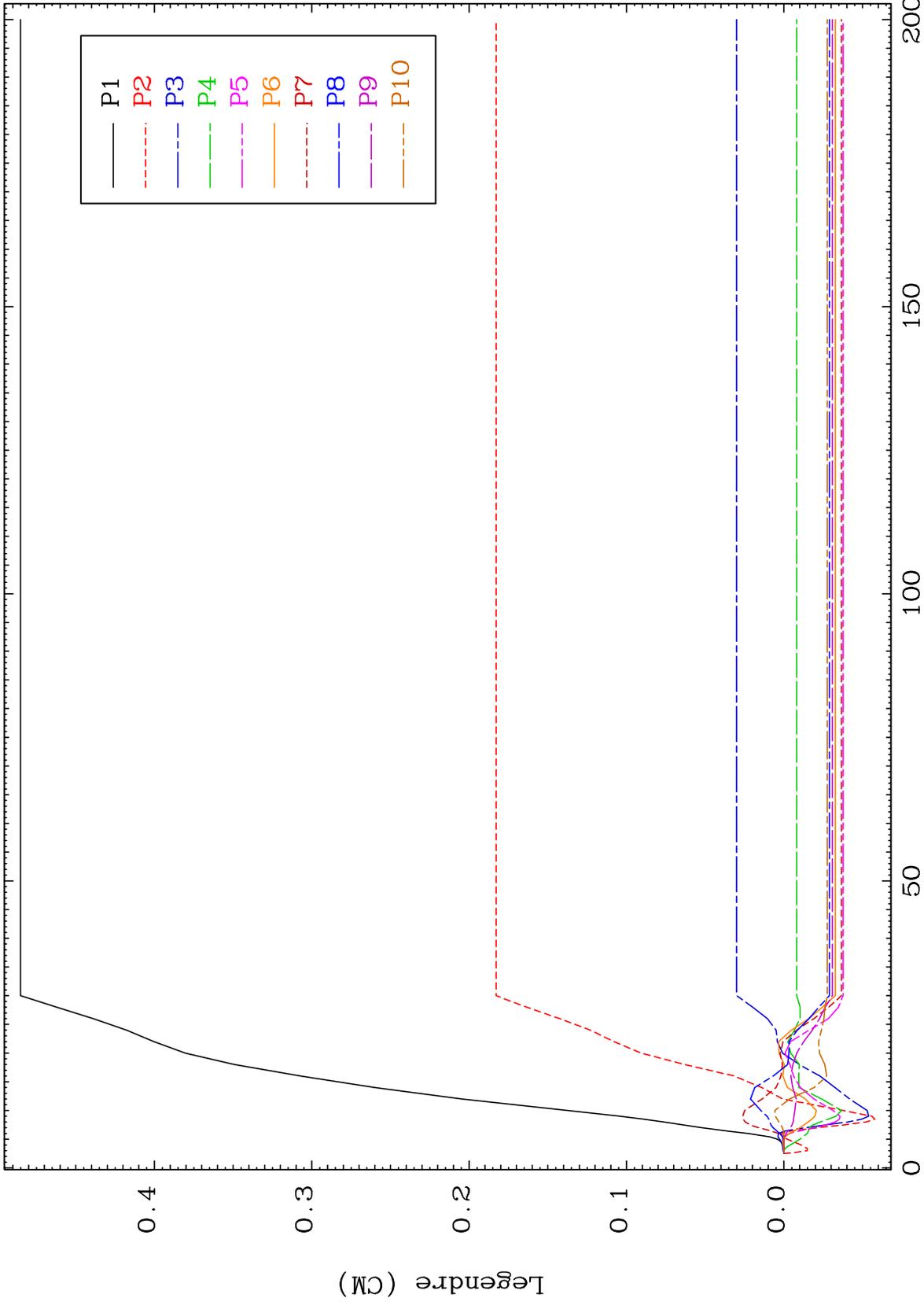
Incident Energy (MeV)

84-Po-206

MAT 8425

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

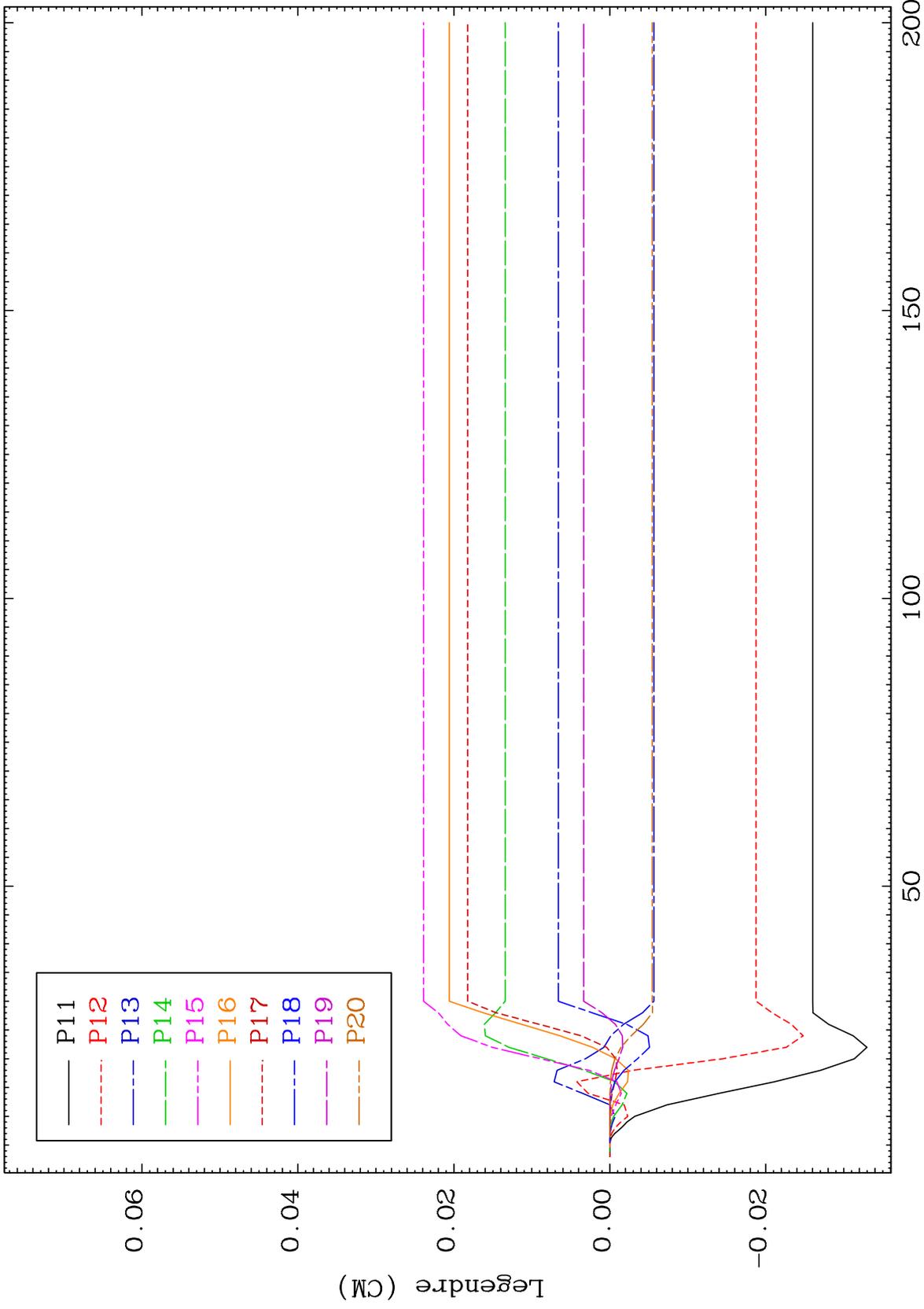
84-Po-206

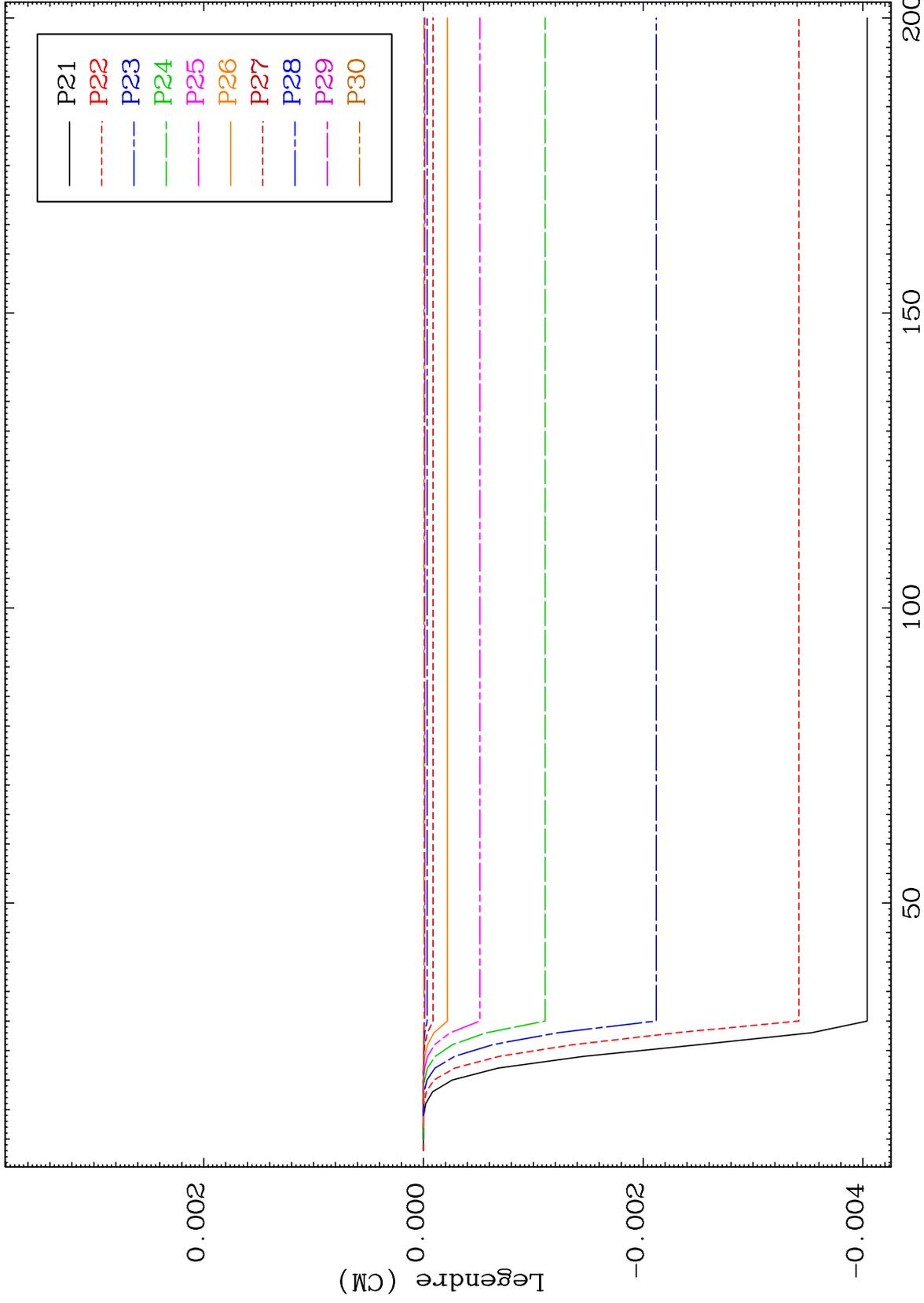


84

Incident Energy (MeV)

84-Po-206

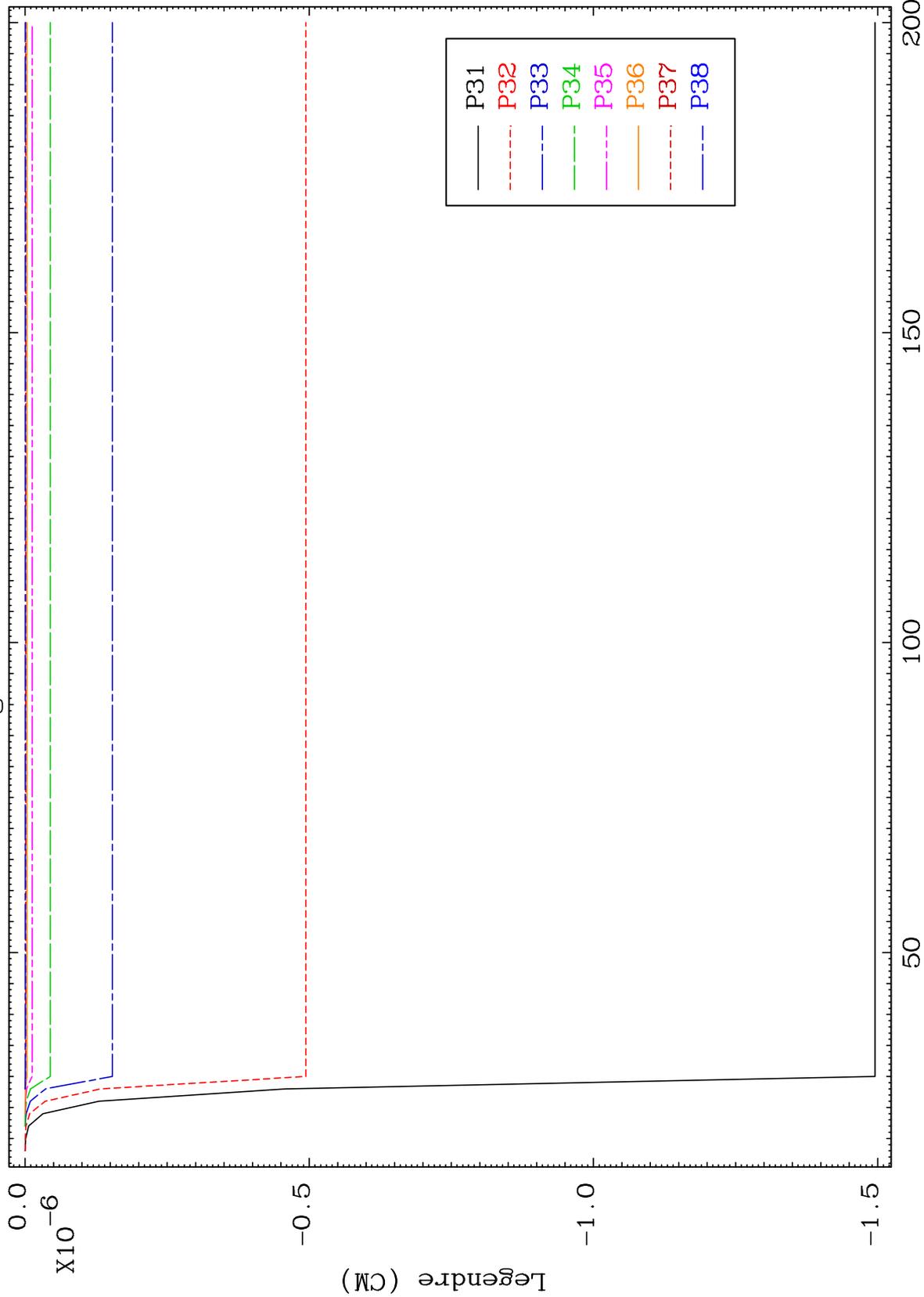




MAT 8425

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

84-Po-206



87

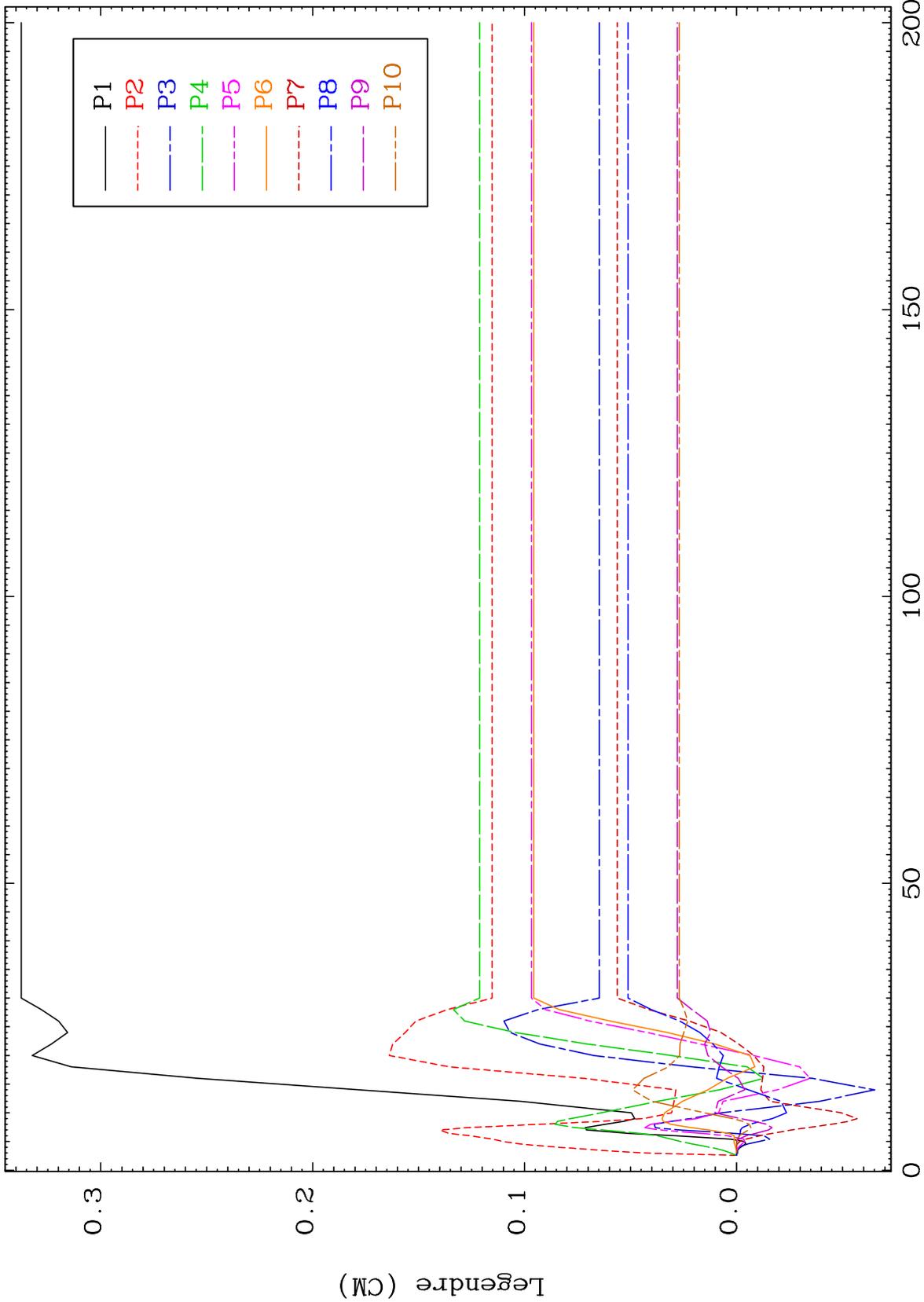
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



88

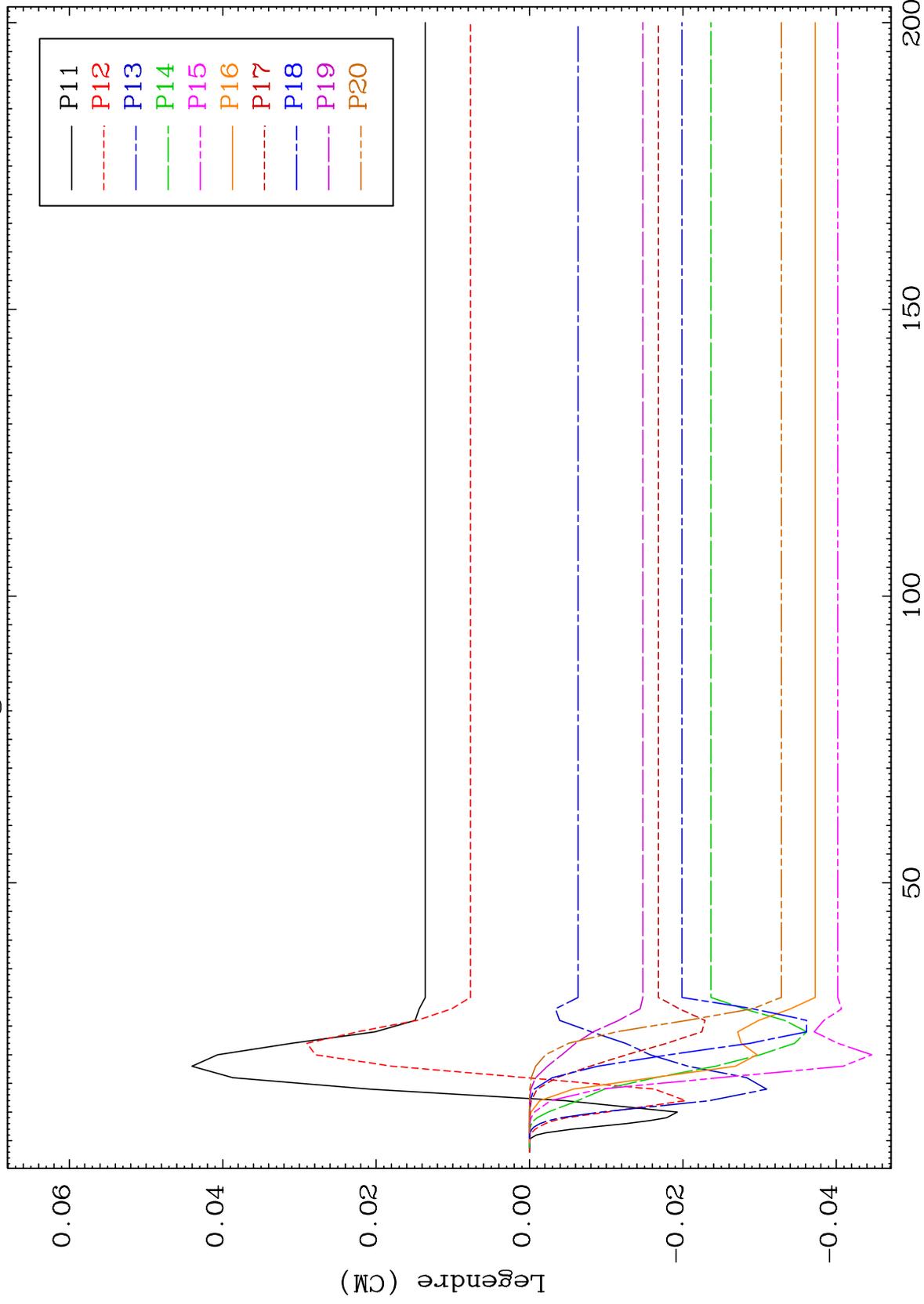
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



89

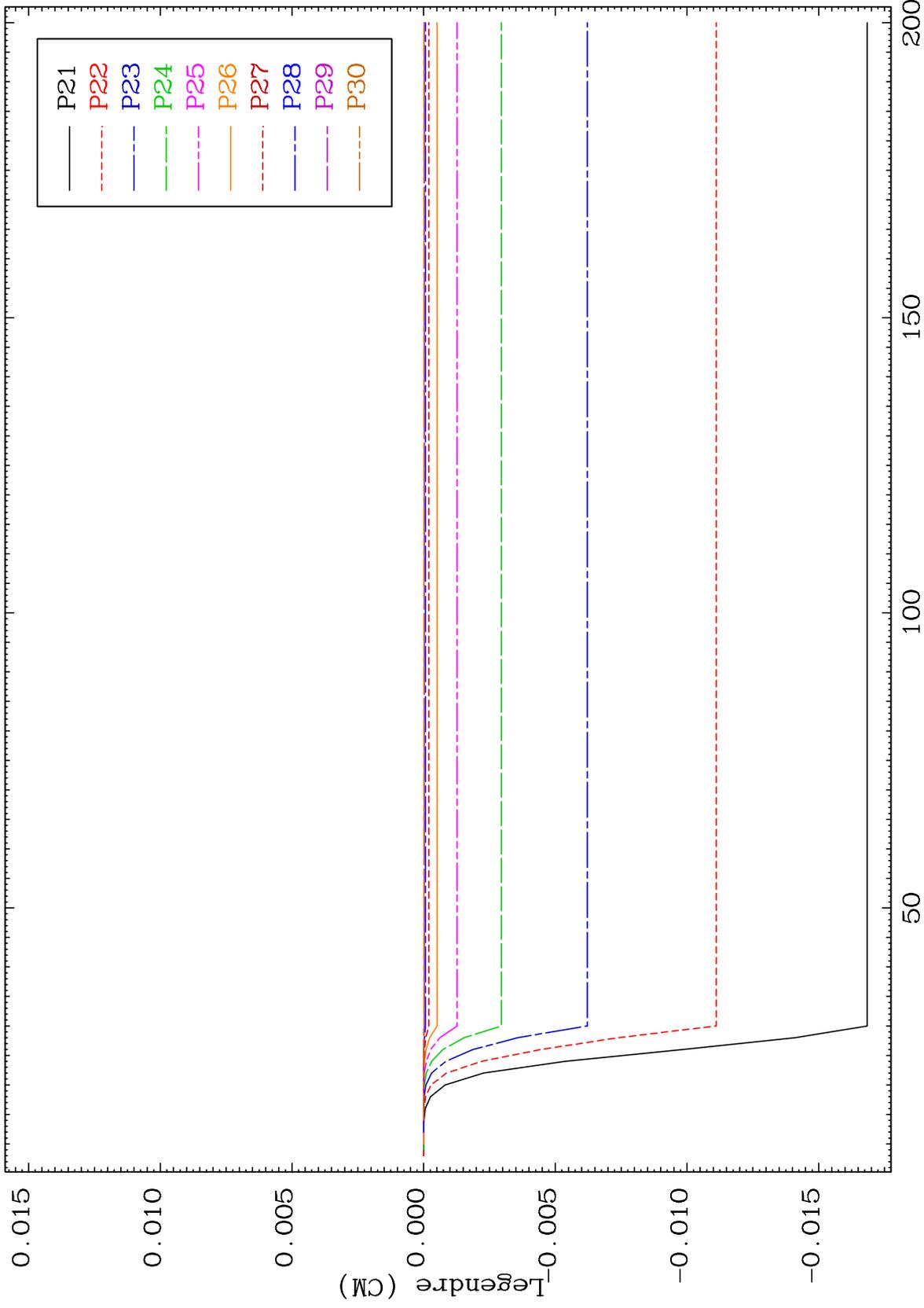
Incident Energy (MeV)

84-Po-206

MAT 8425

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

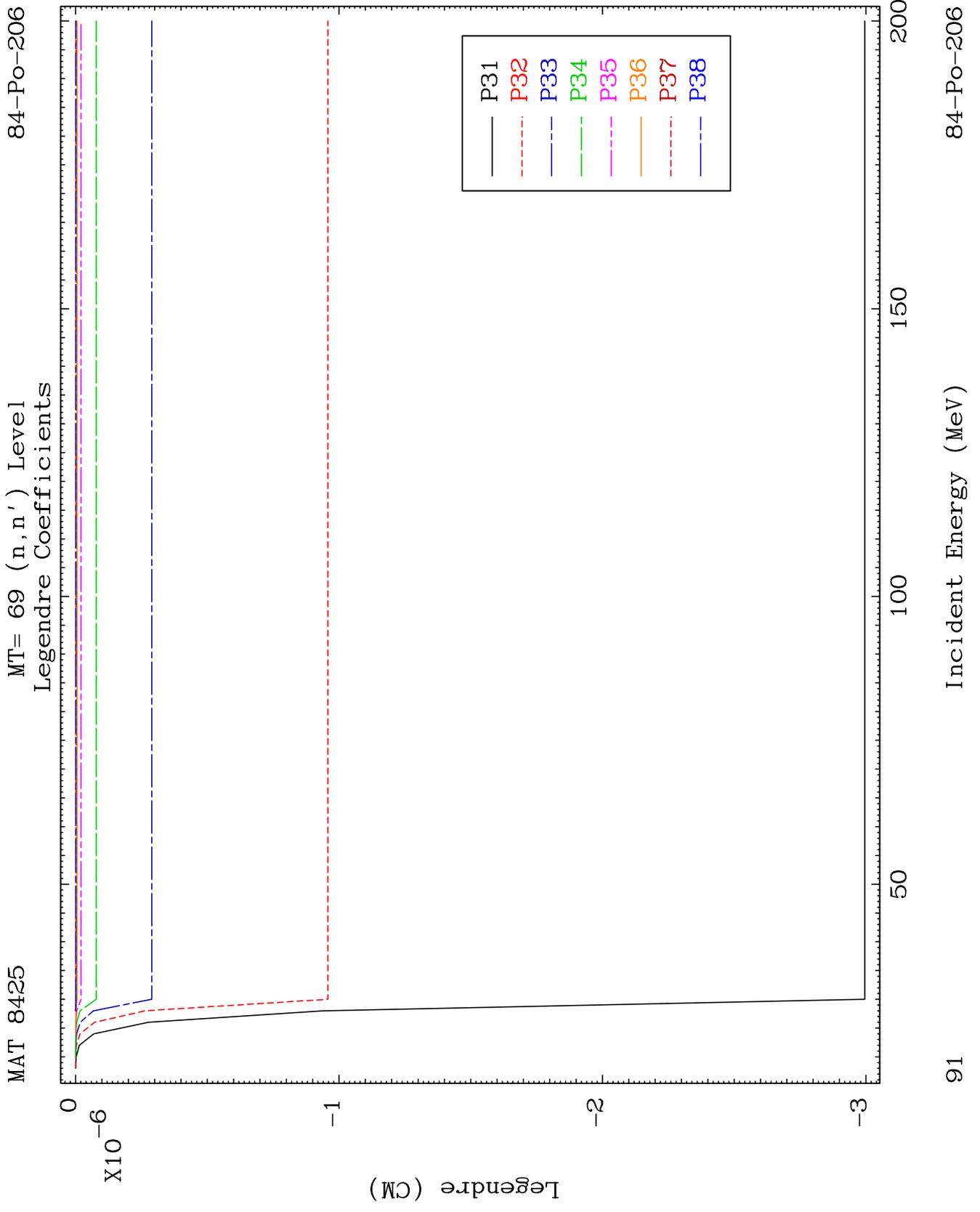
84-Po-206



90

Incident Energy (MeV)

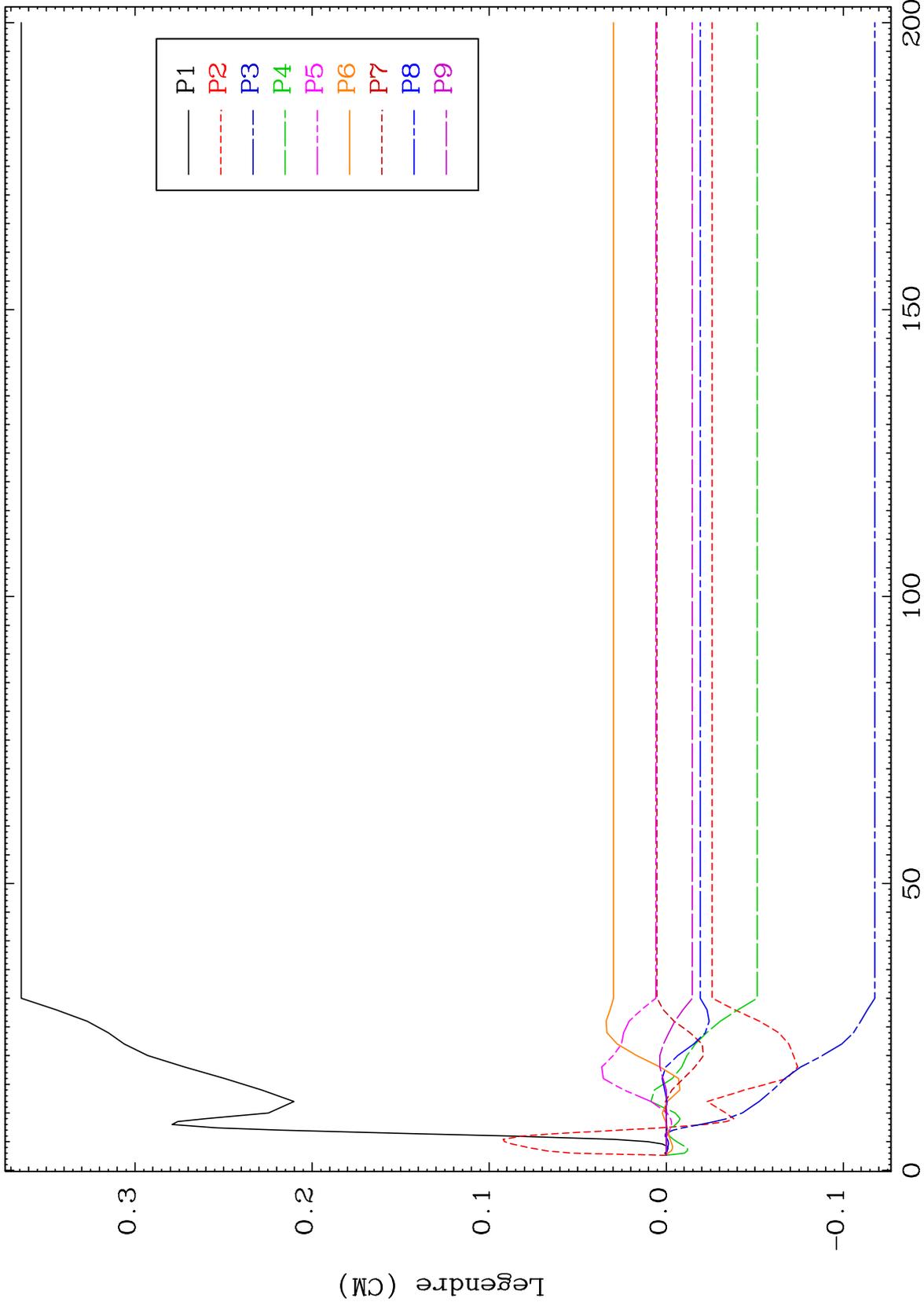
84-Po-206



MAT 8425

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

84-Po-206



92

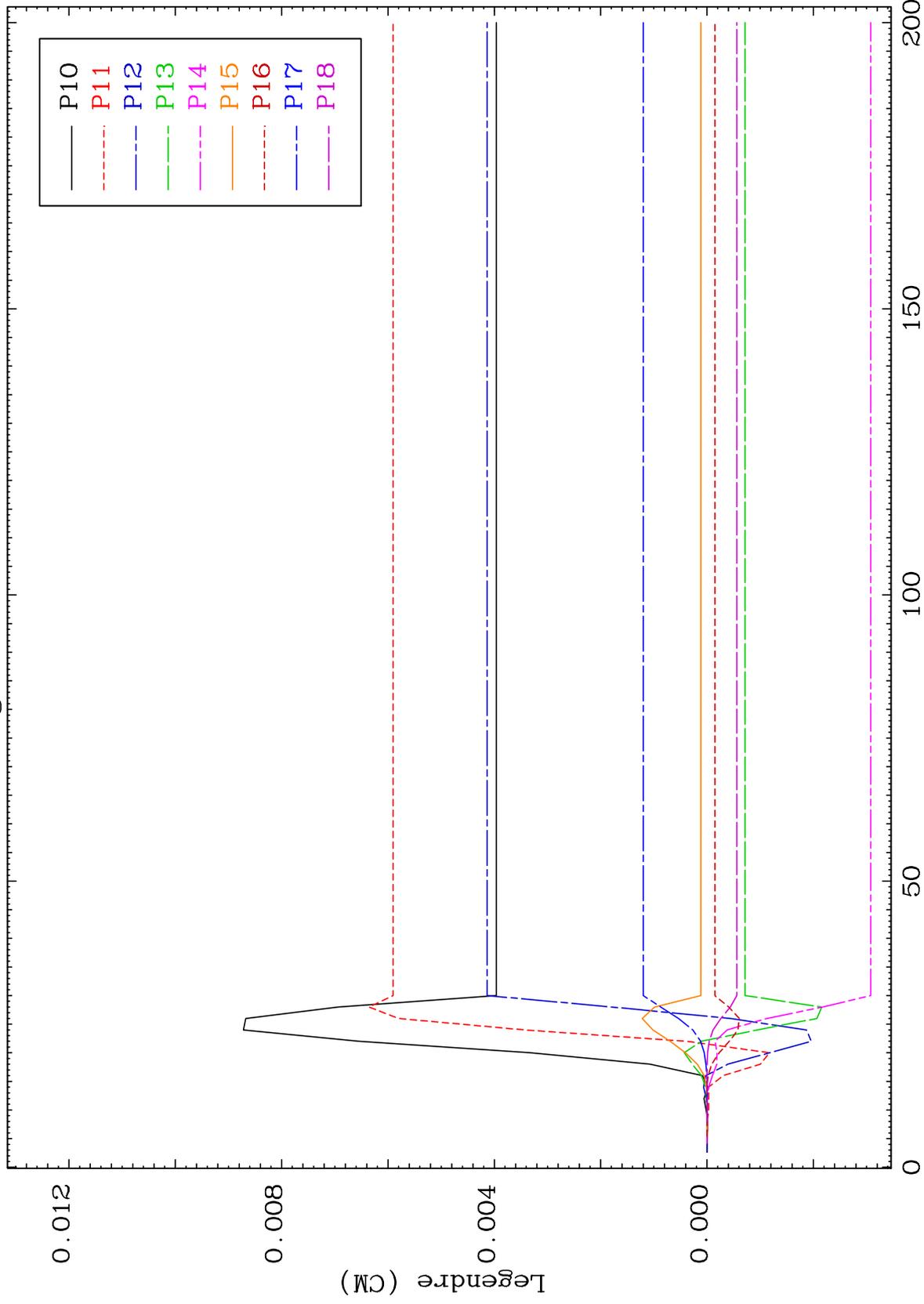
Incident Energy (MeV)

84-Po-206

MAT 8425

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

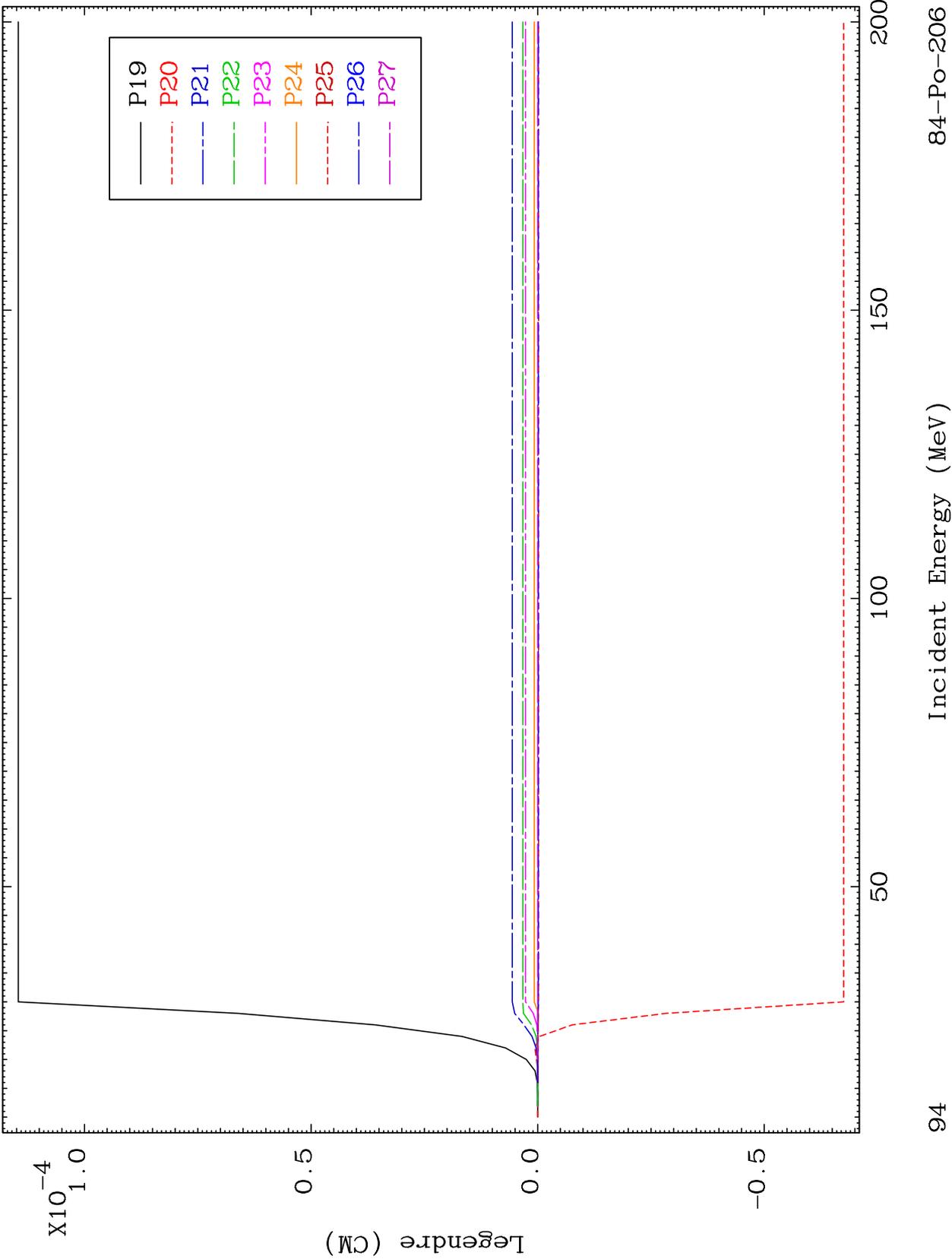
84-Po-206



93

Incident Energy (MeV)

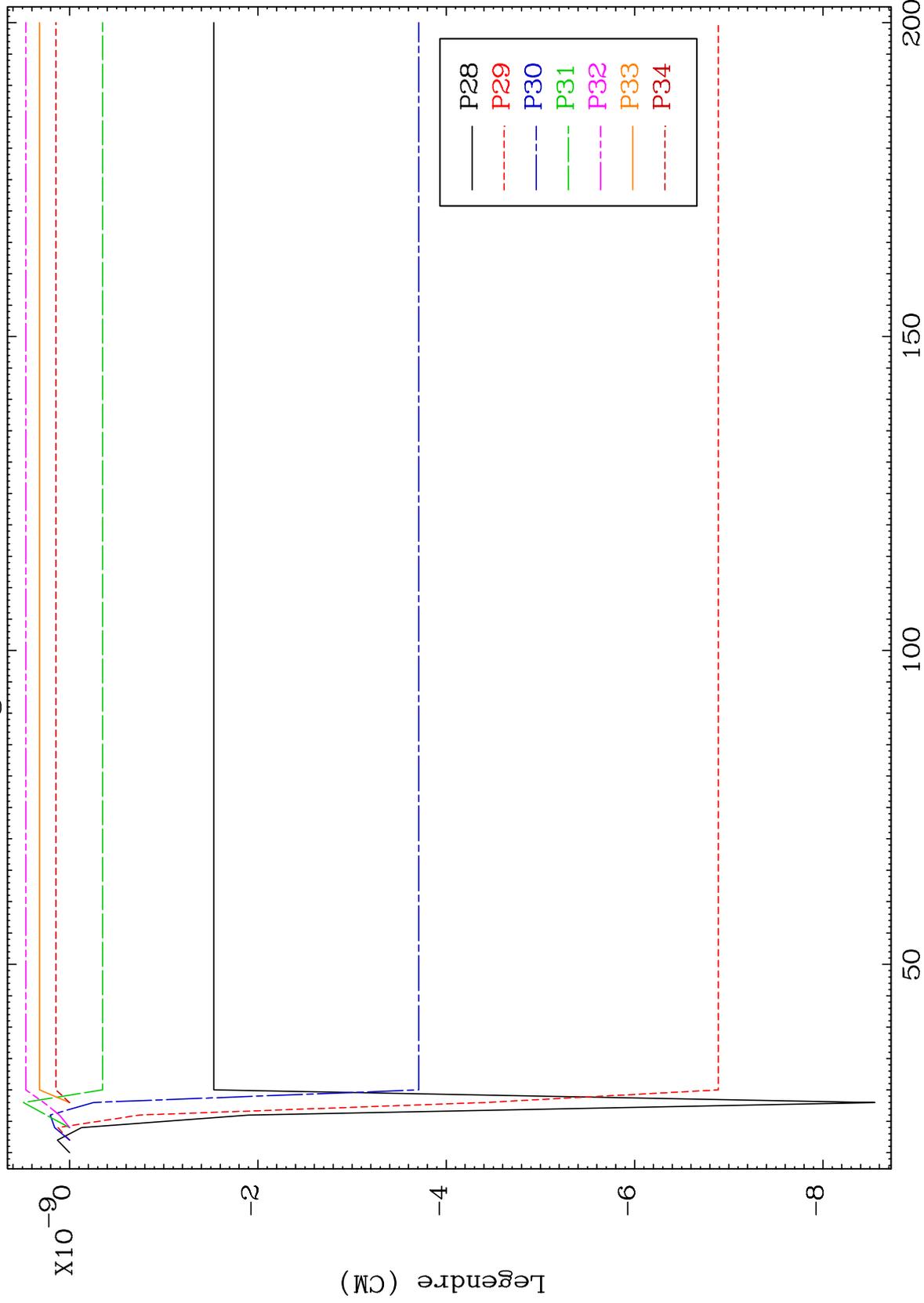
84-Po-206



MAT 8425

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

84-Po-206



95

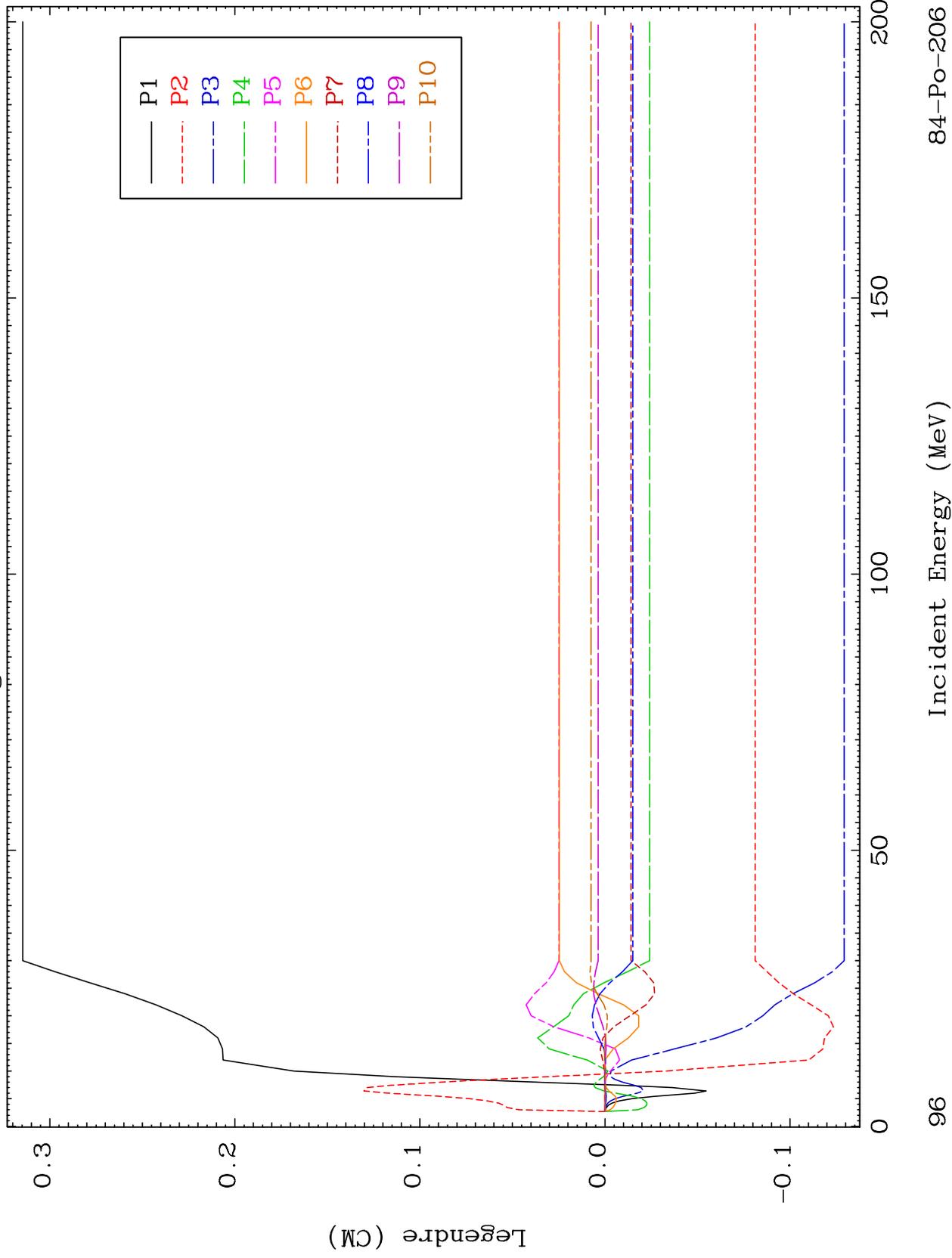
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



84-Po-206

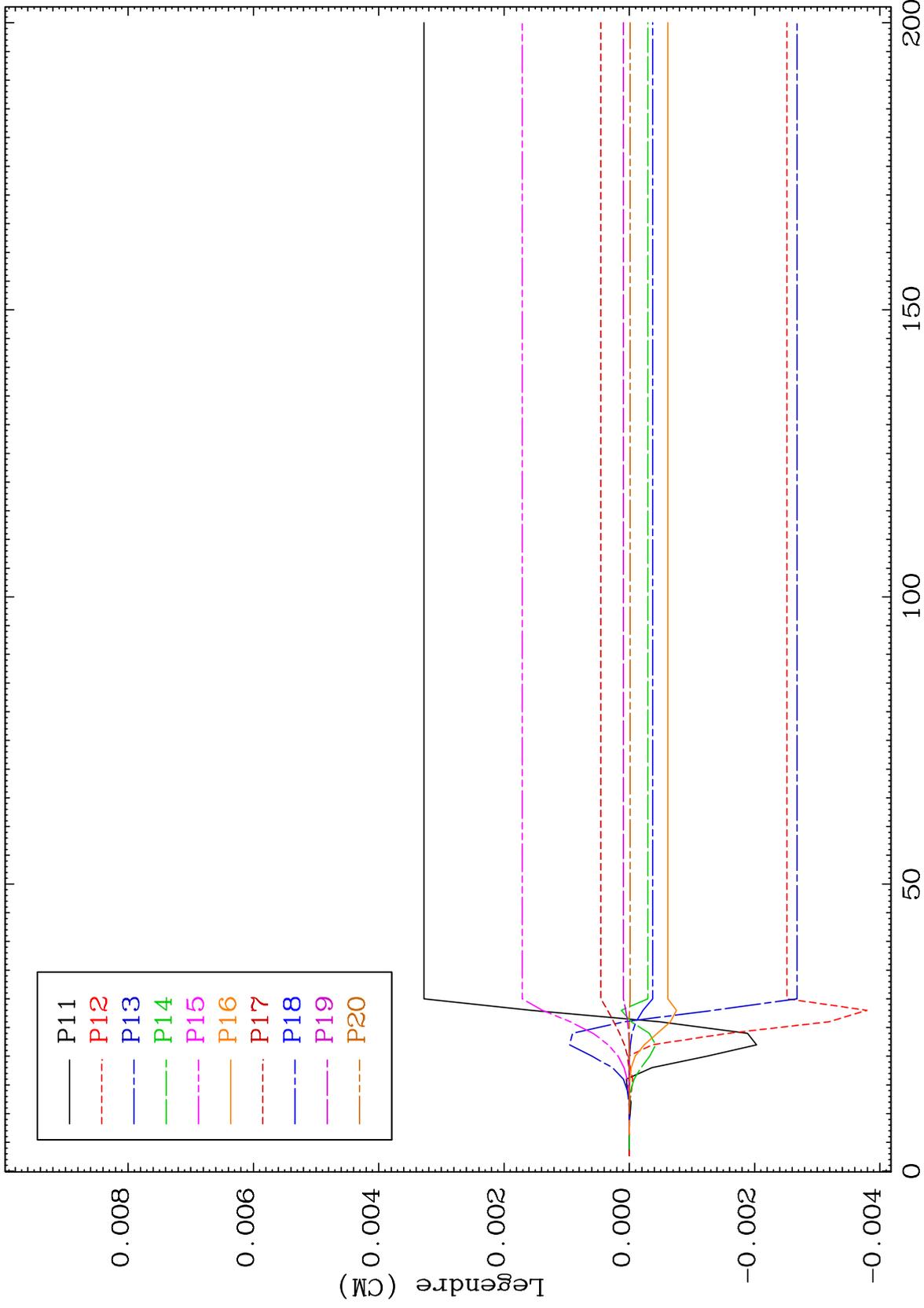
Incident Energy (MeV)

96

MAT 8425

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

84-Po-206



97

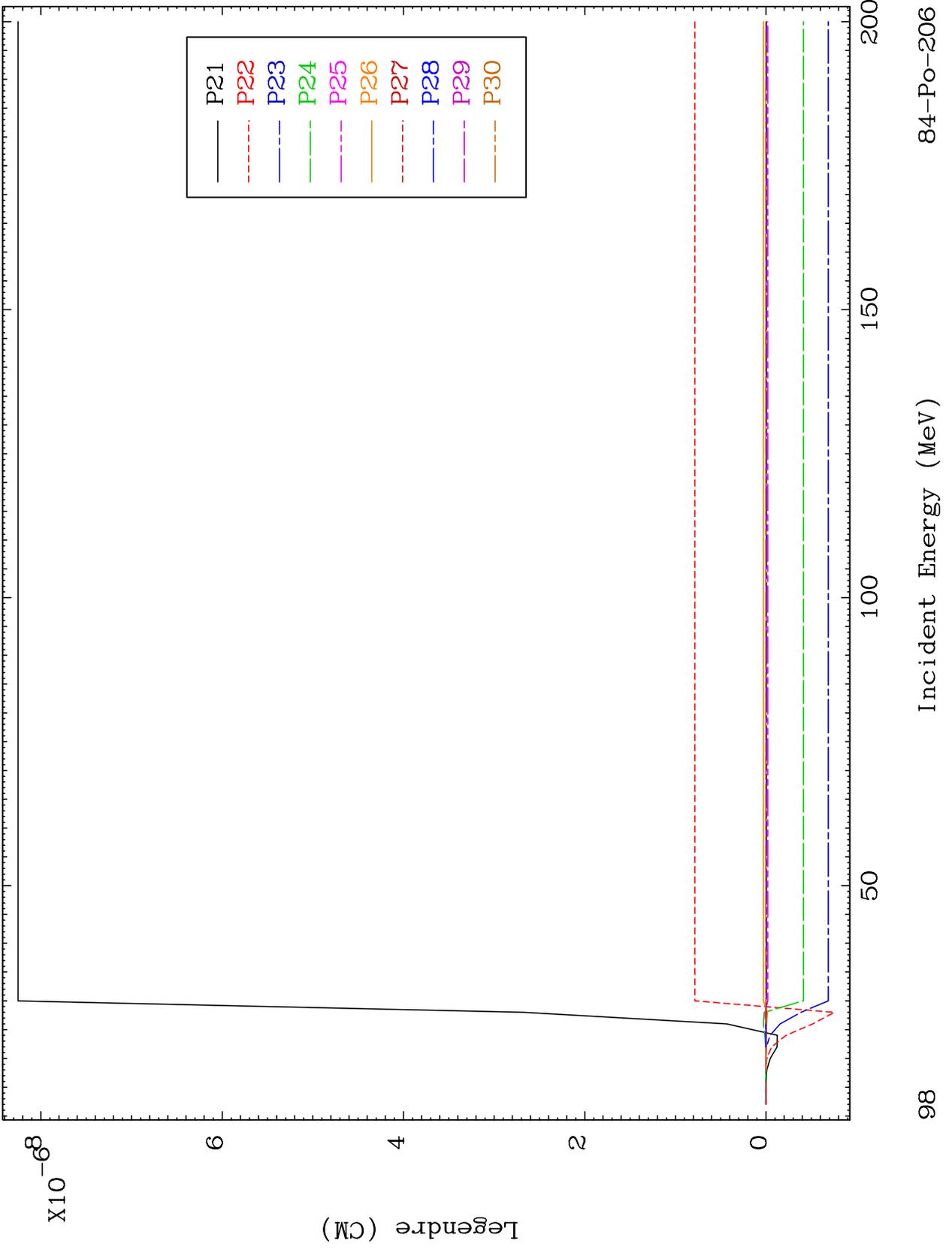
Incident Energy (MeV)

84-Po-206

MAT 8425

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

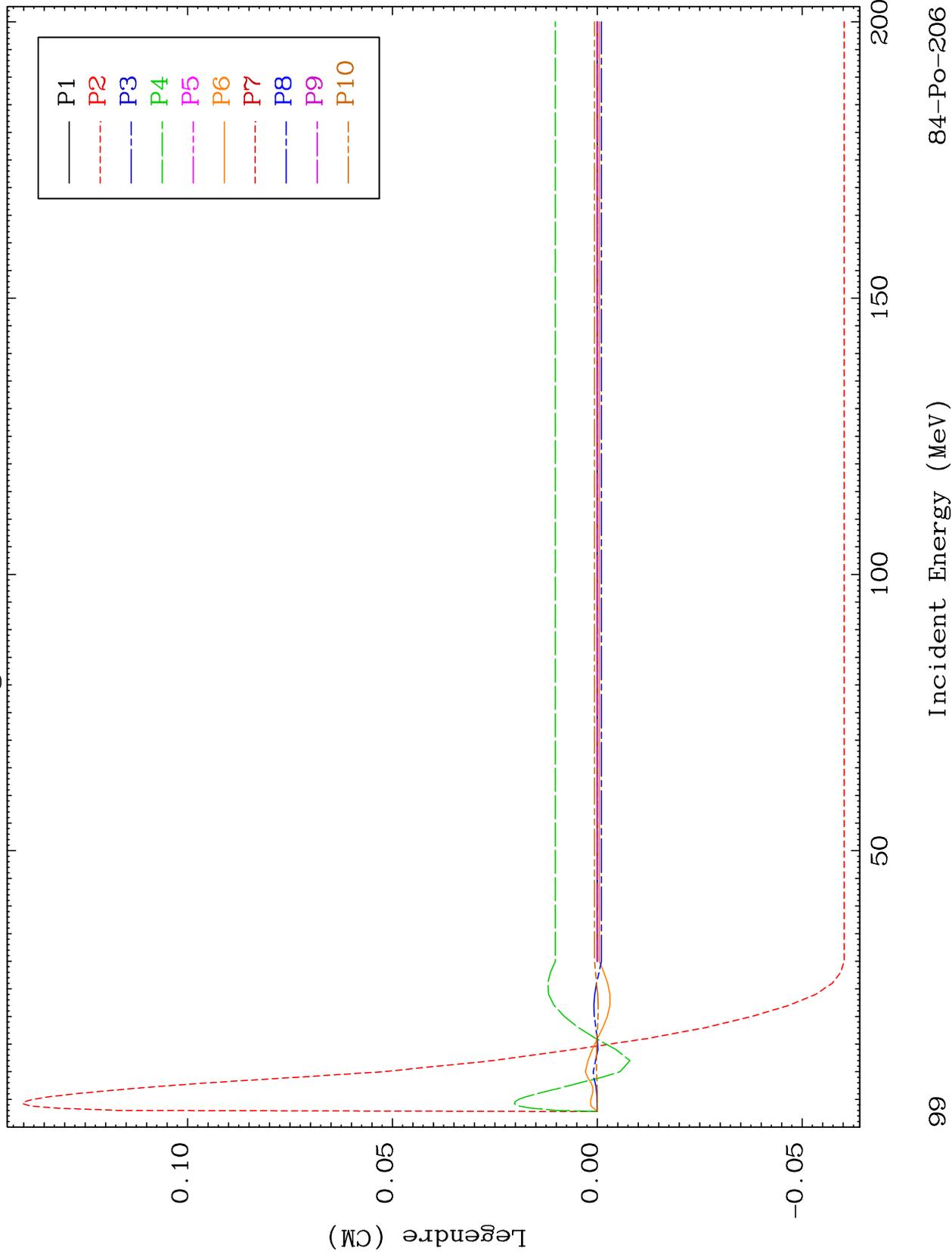
84-Po-206



MAT 8425

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

84-Po-206



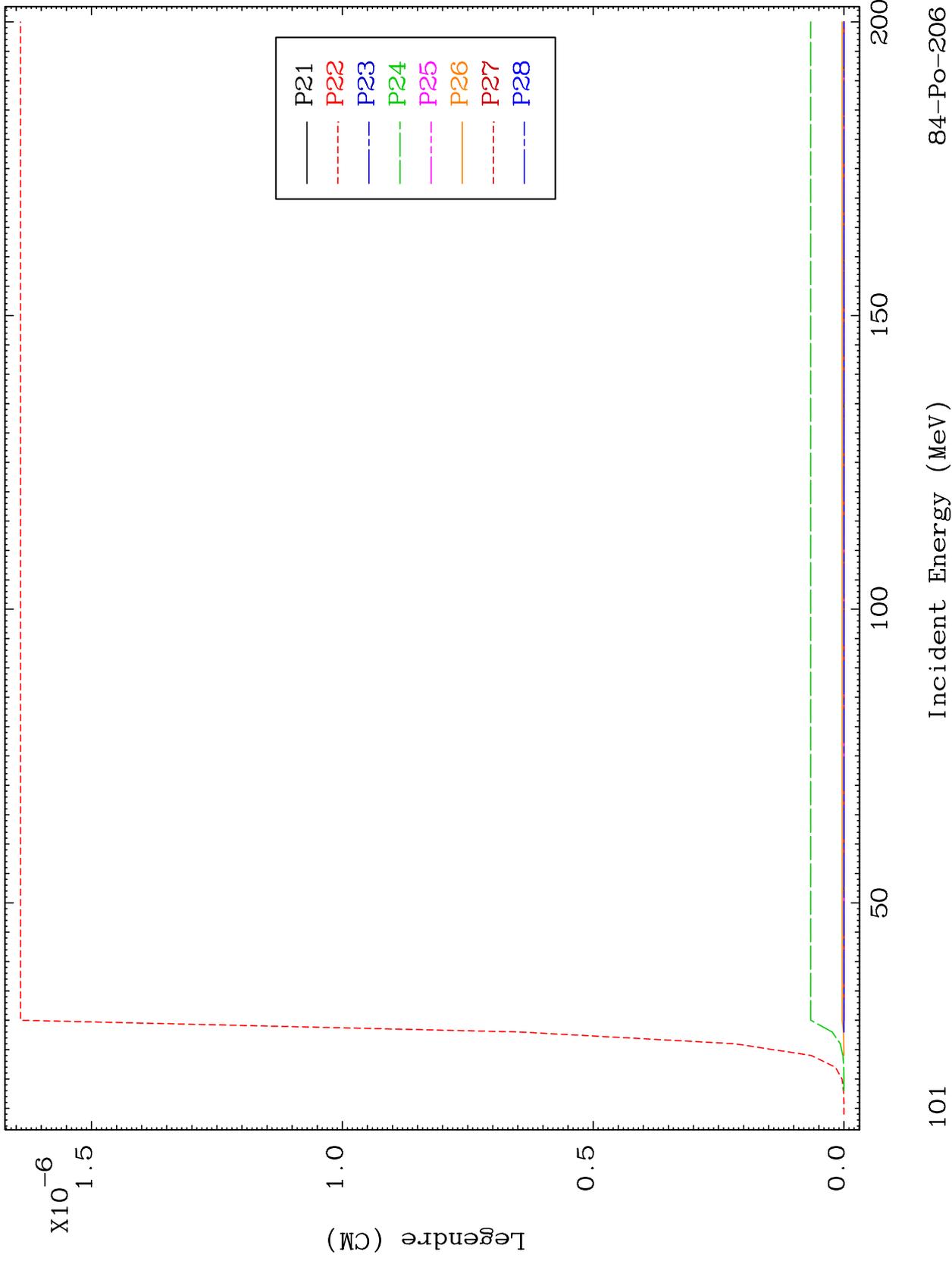
99

84-Po-206

MAT 8425

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

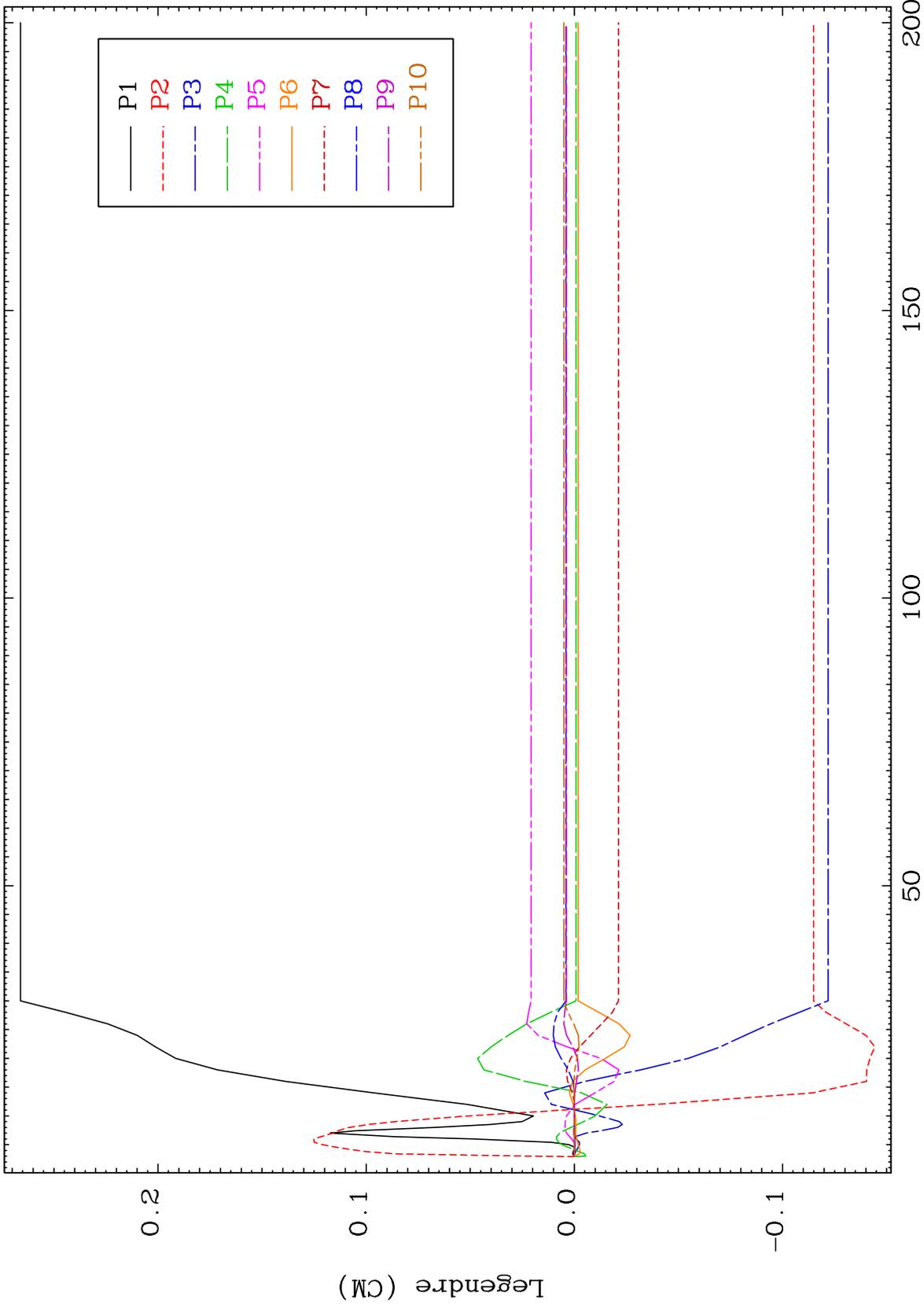
84-Po-206



MAT 8425

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

84-Po-206



102

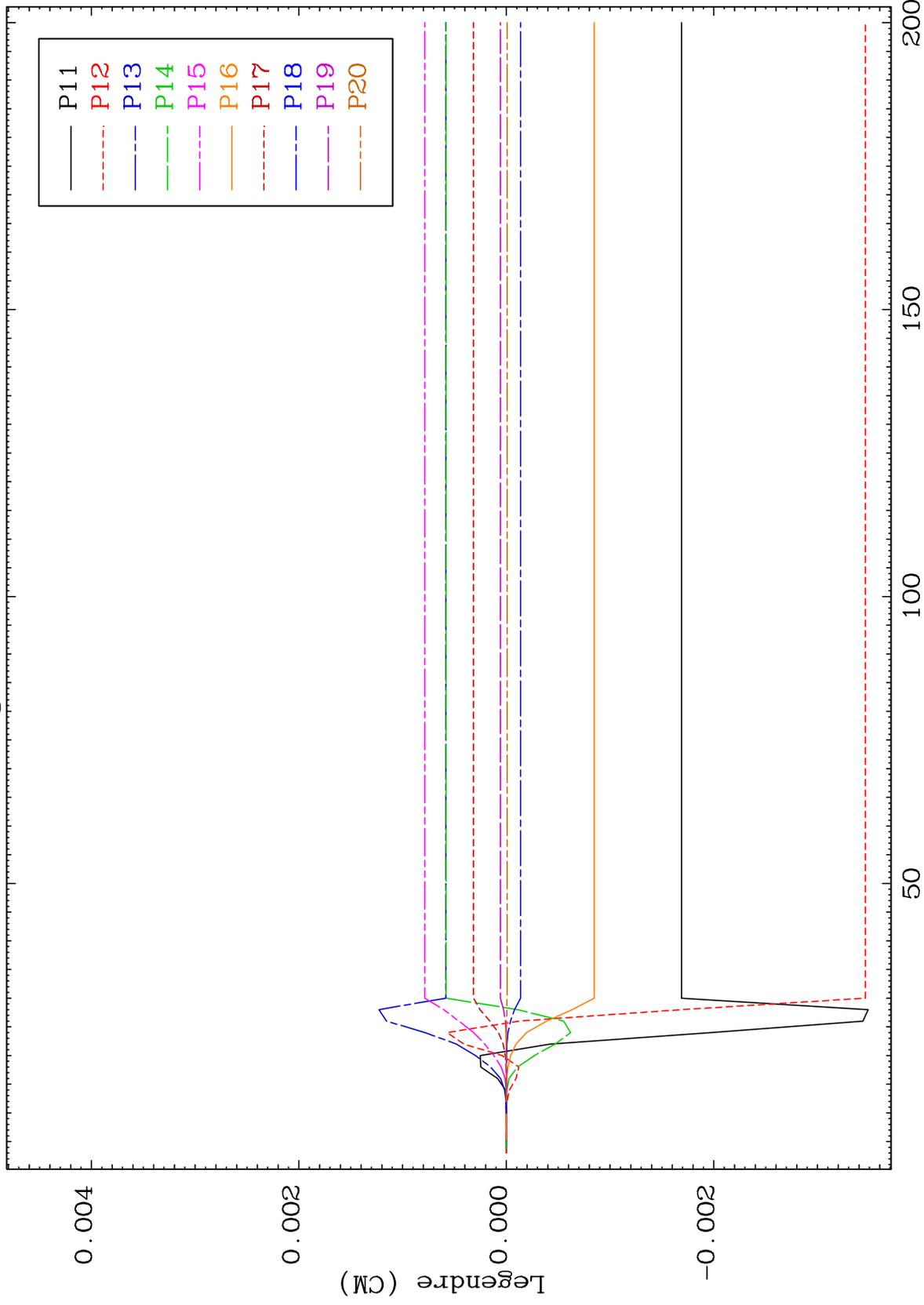
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



103

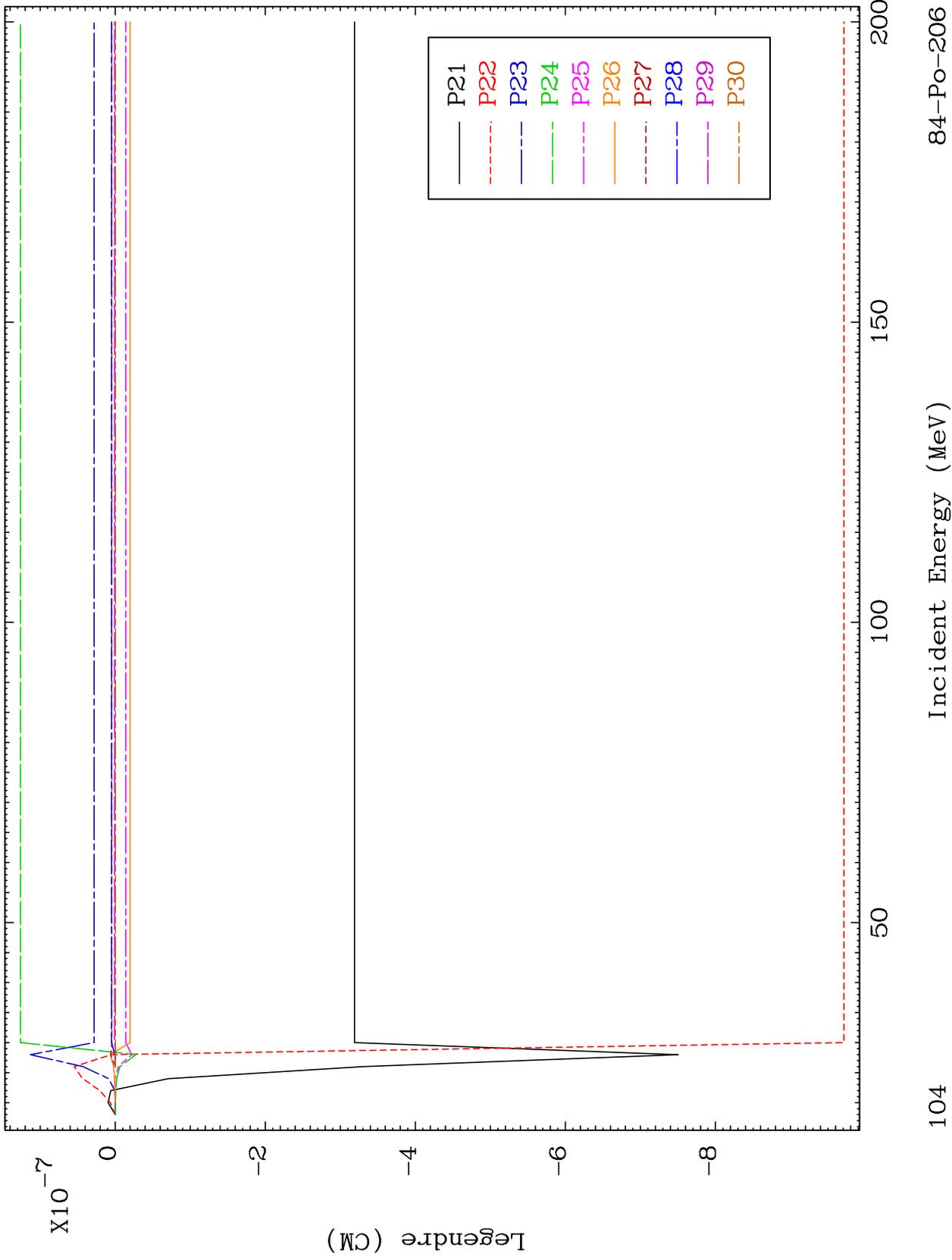
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



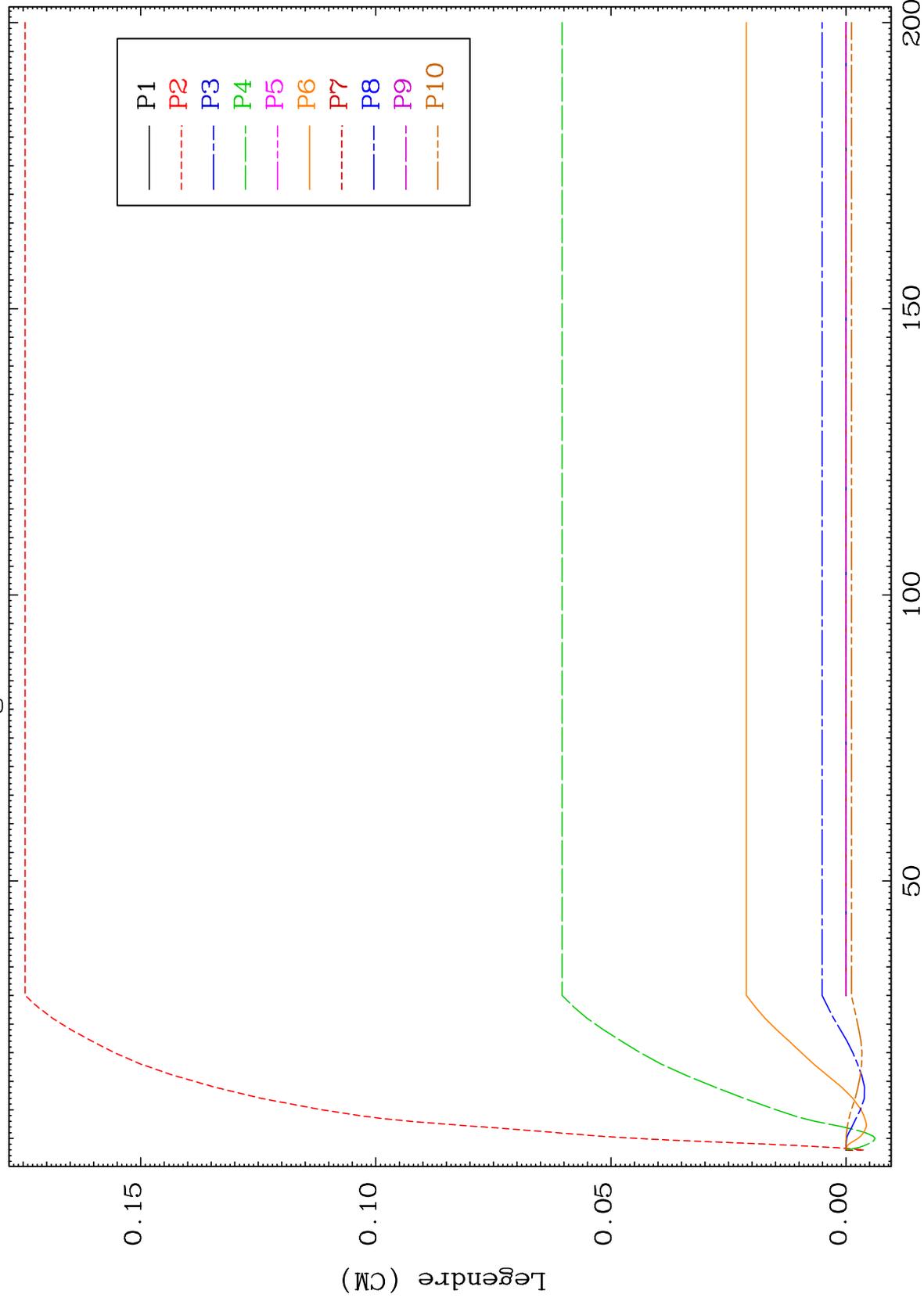
104

84-Po-206

MAT 8425

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

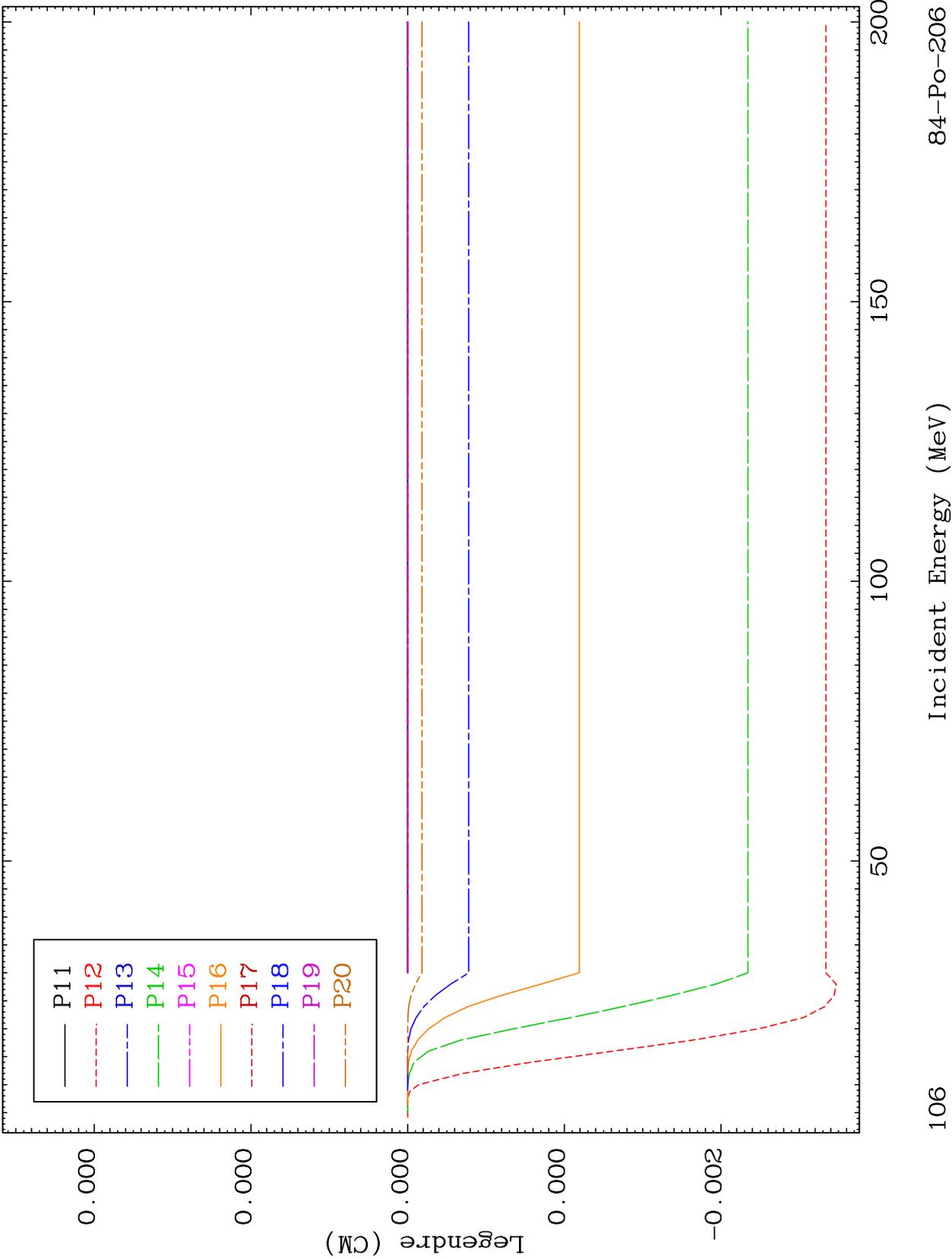
84-Po-206



84-Po-206

Incident Energy (MeV)

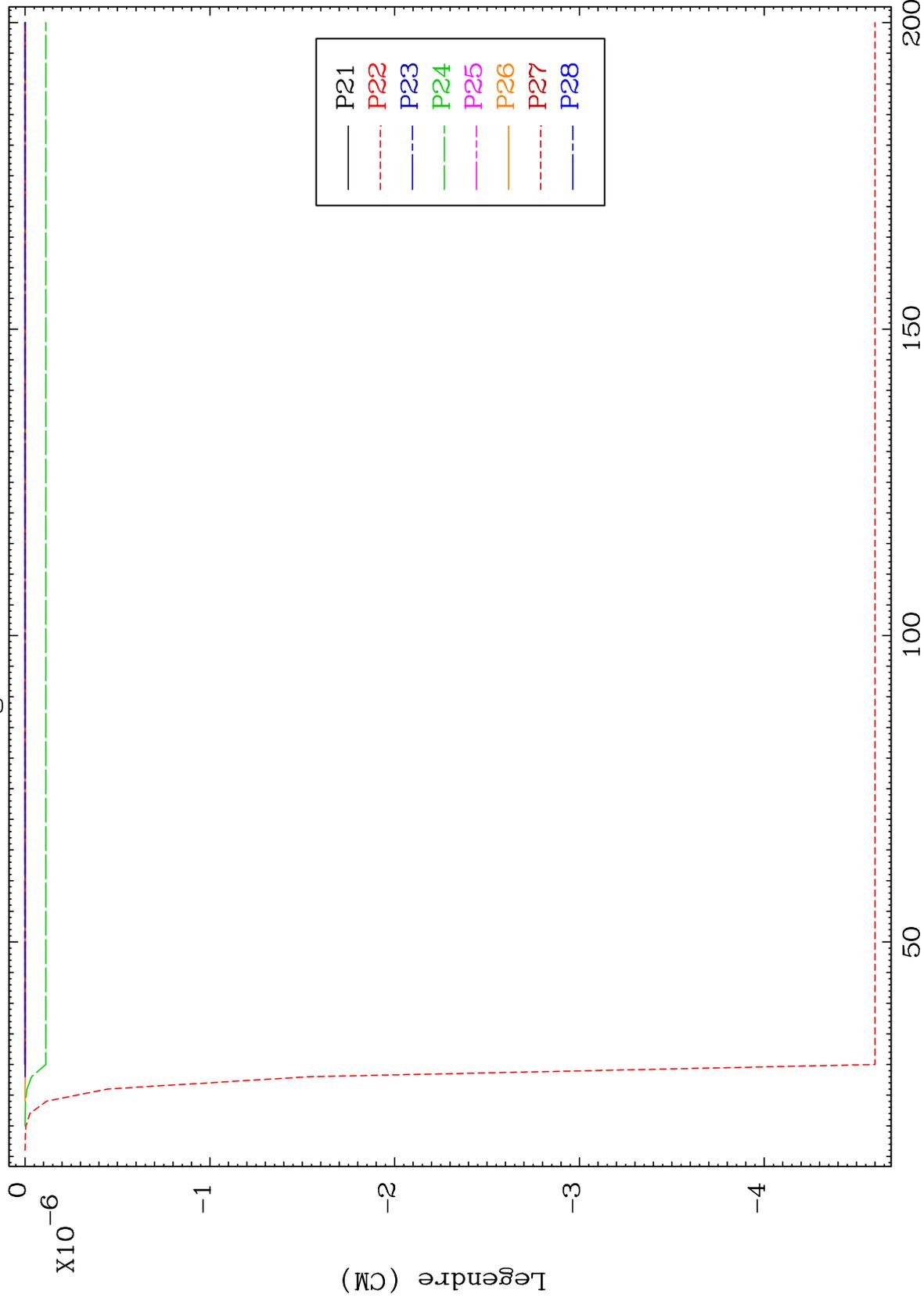
105



MAT 8425

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

84-Po-206



107

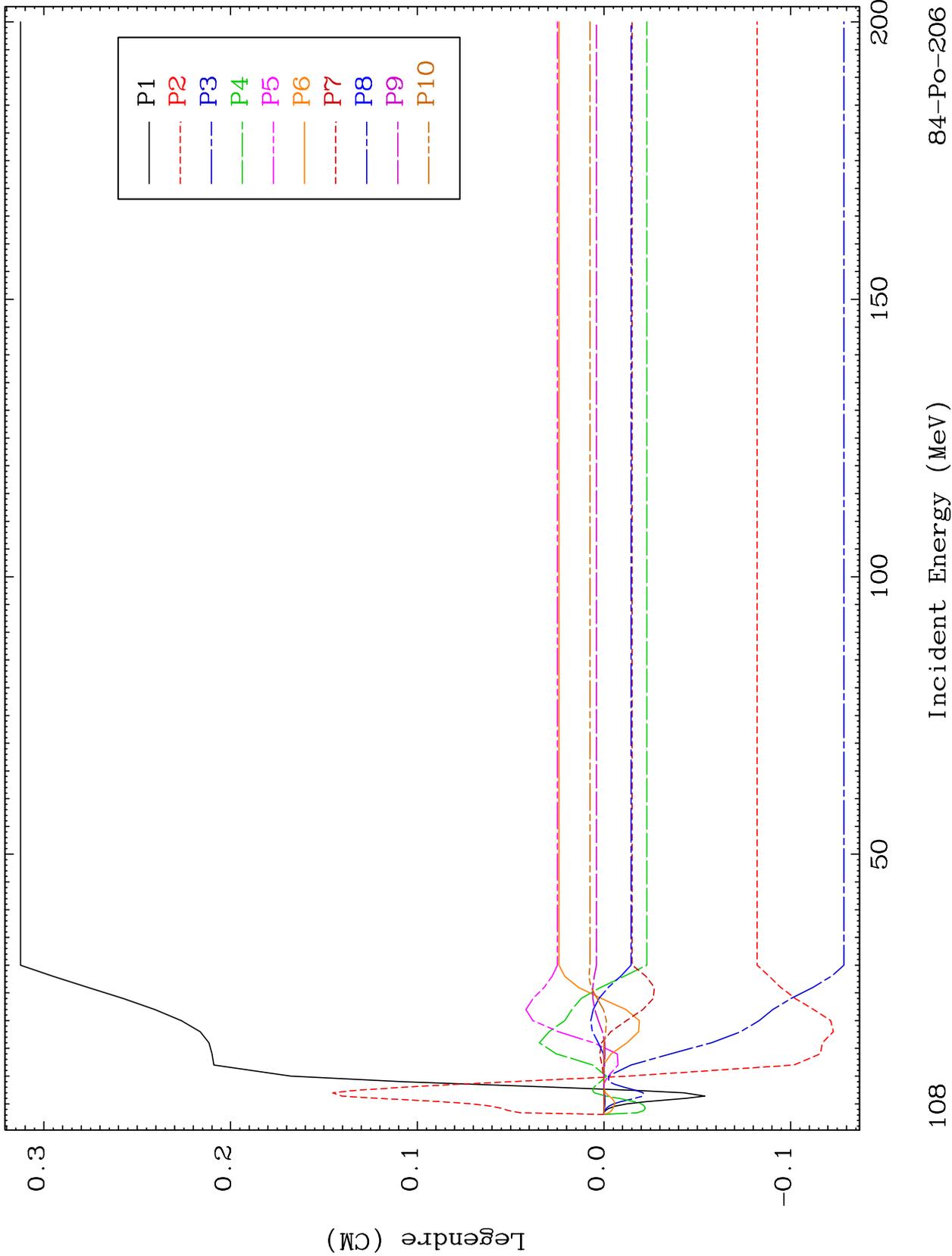
Incident Energy (MeV)

84-Po-206

MAT 8425

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

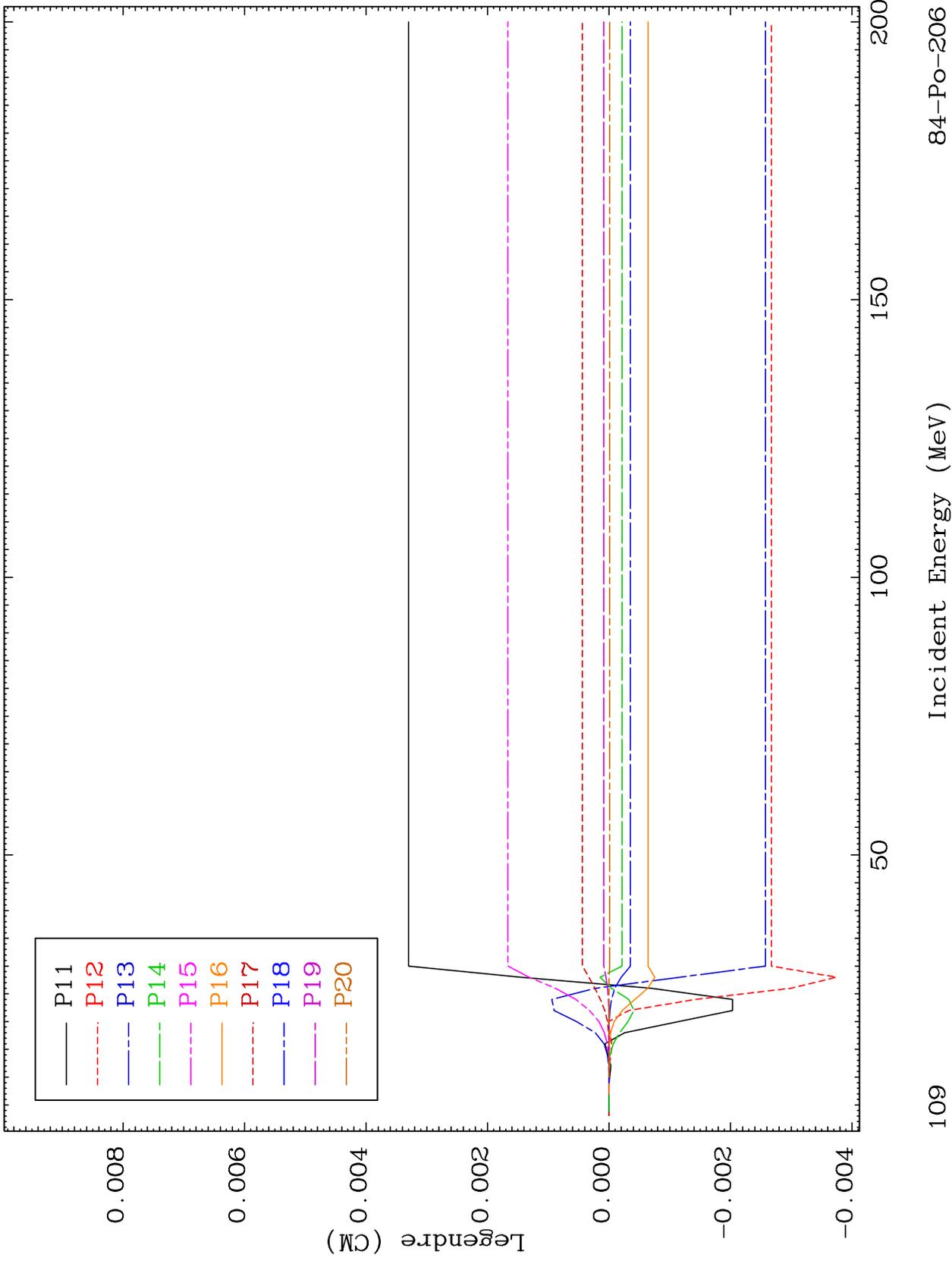
84-Po-206



108

Incident Energy (MeV)

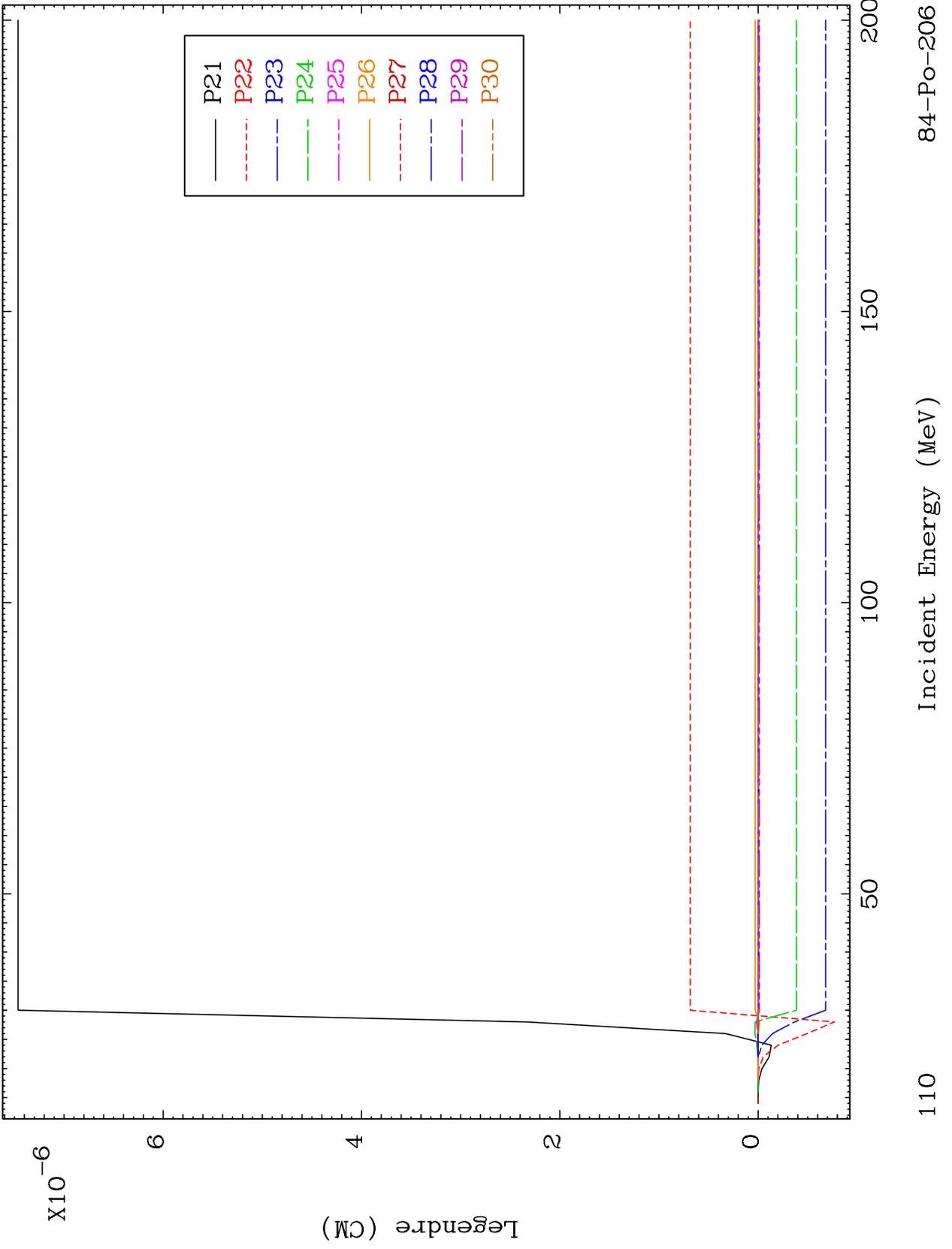
84-Po-206



MAT 8425

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

84-Po-206



110

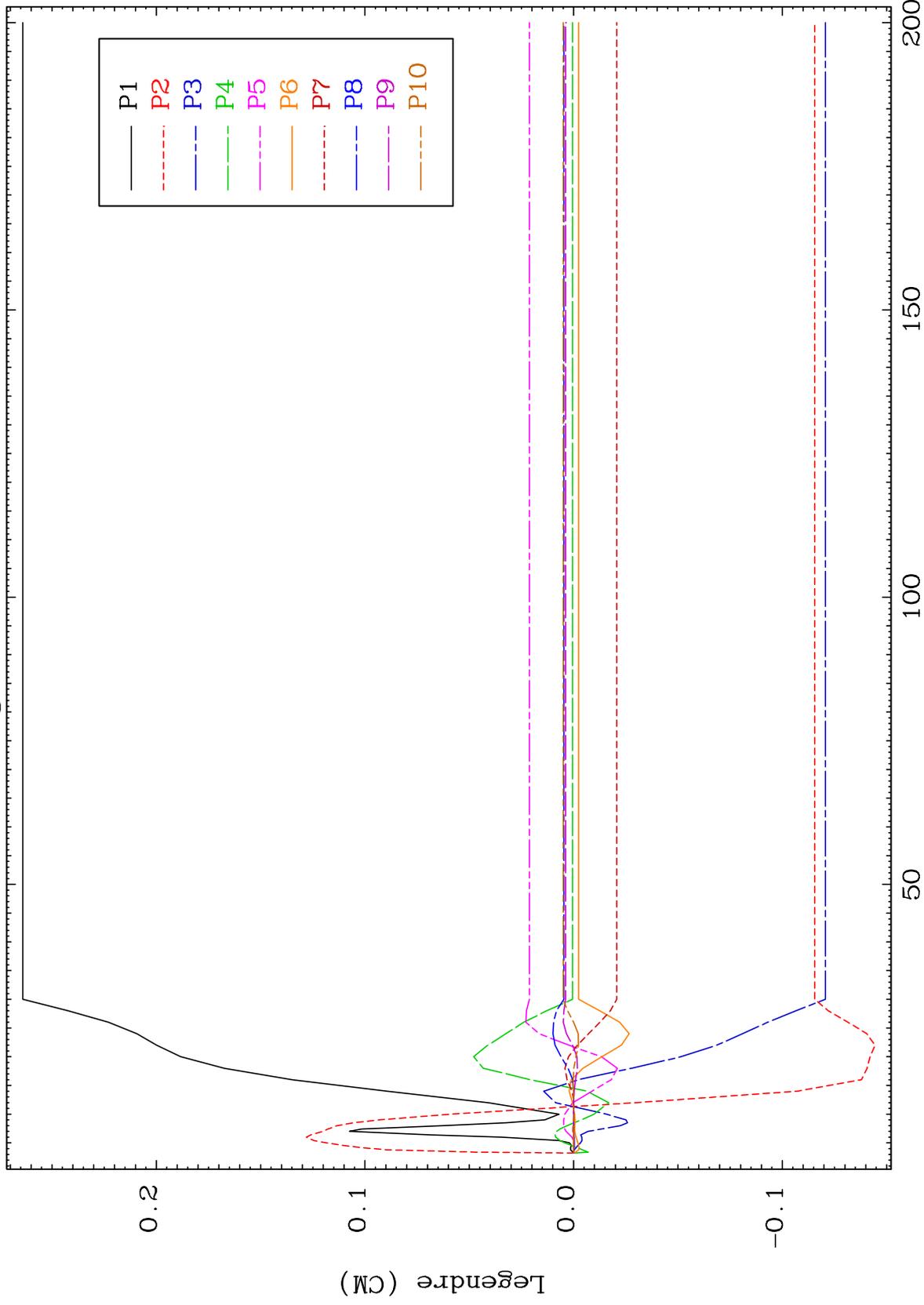
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



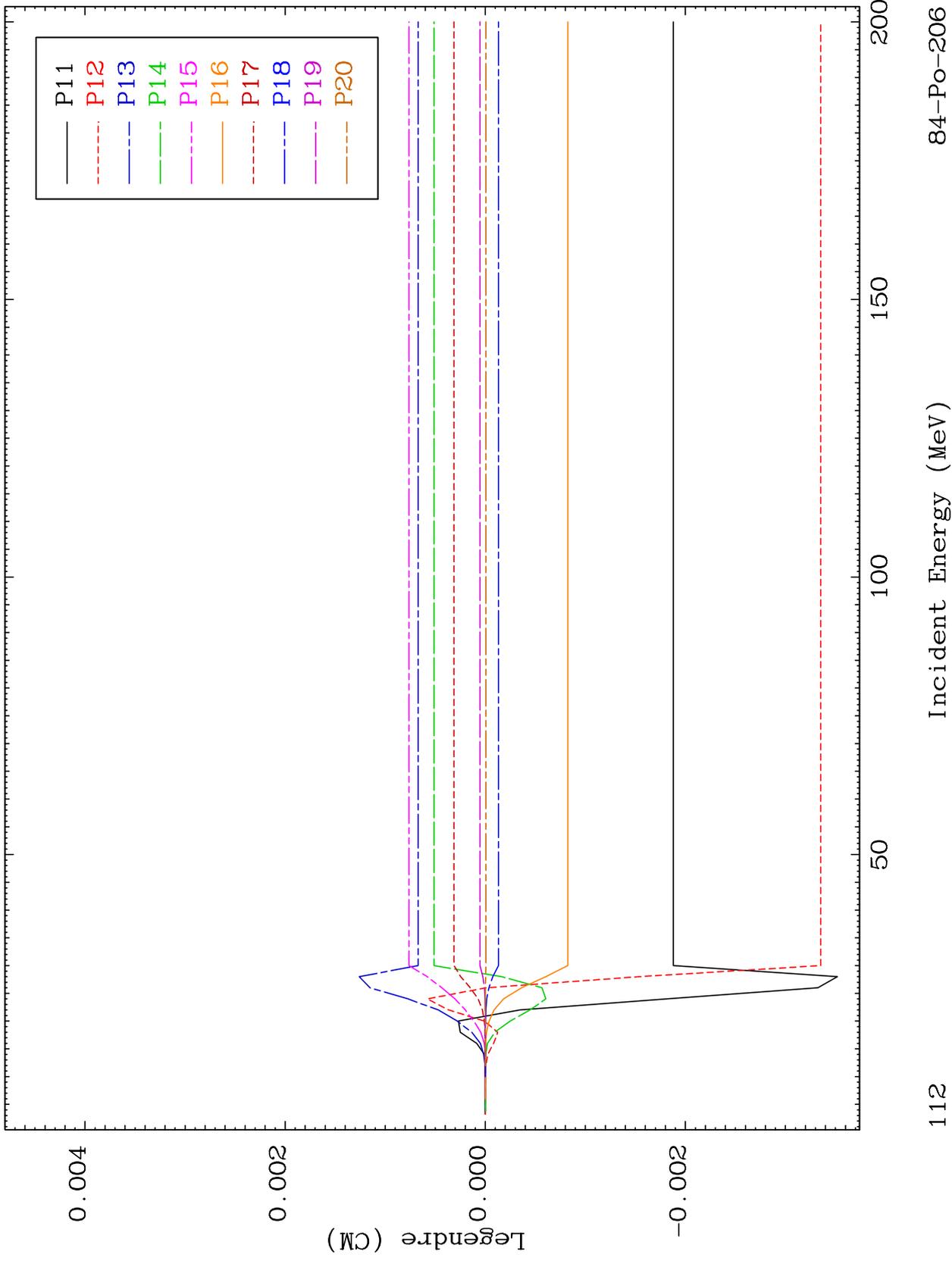
111

84-Po-206

MAT 8425

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

84-Po-206



112

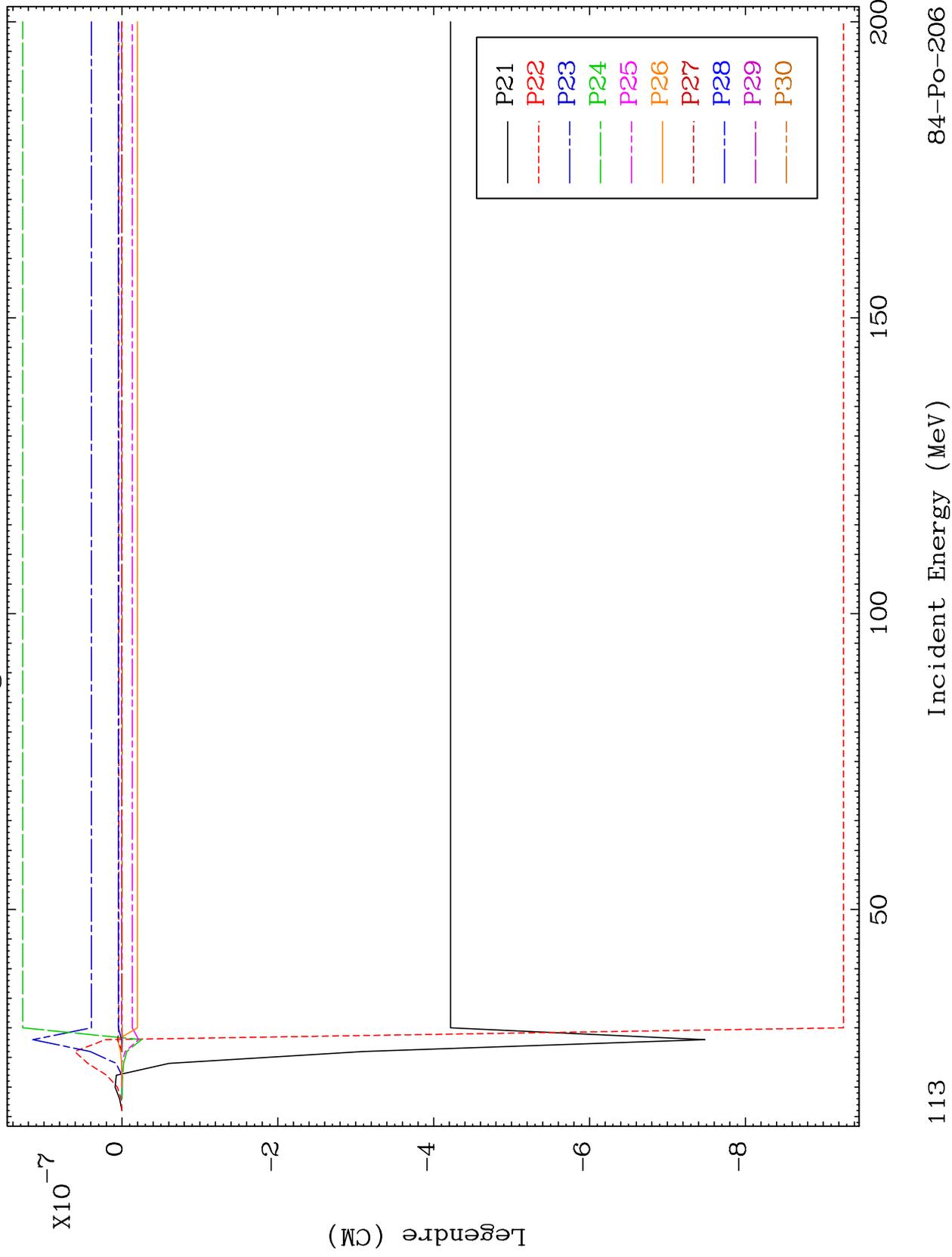
Incident Energy (MeV)

84-Po-206

MAT 8425

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

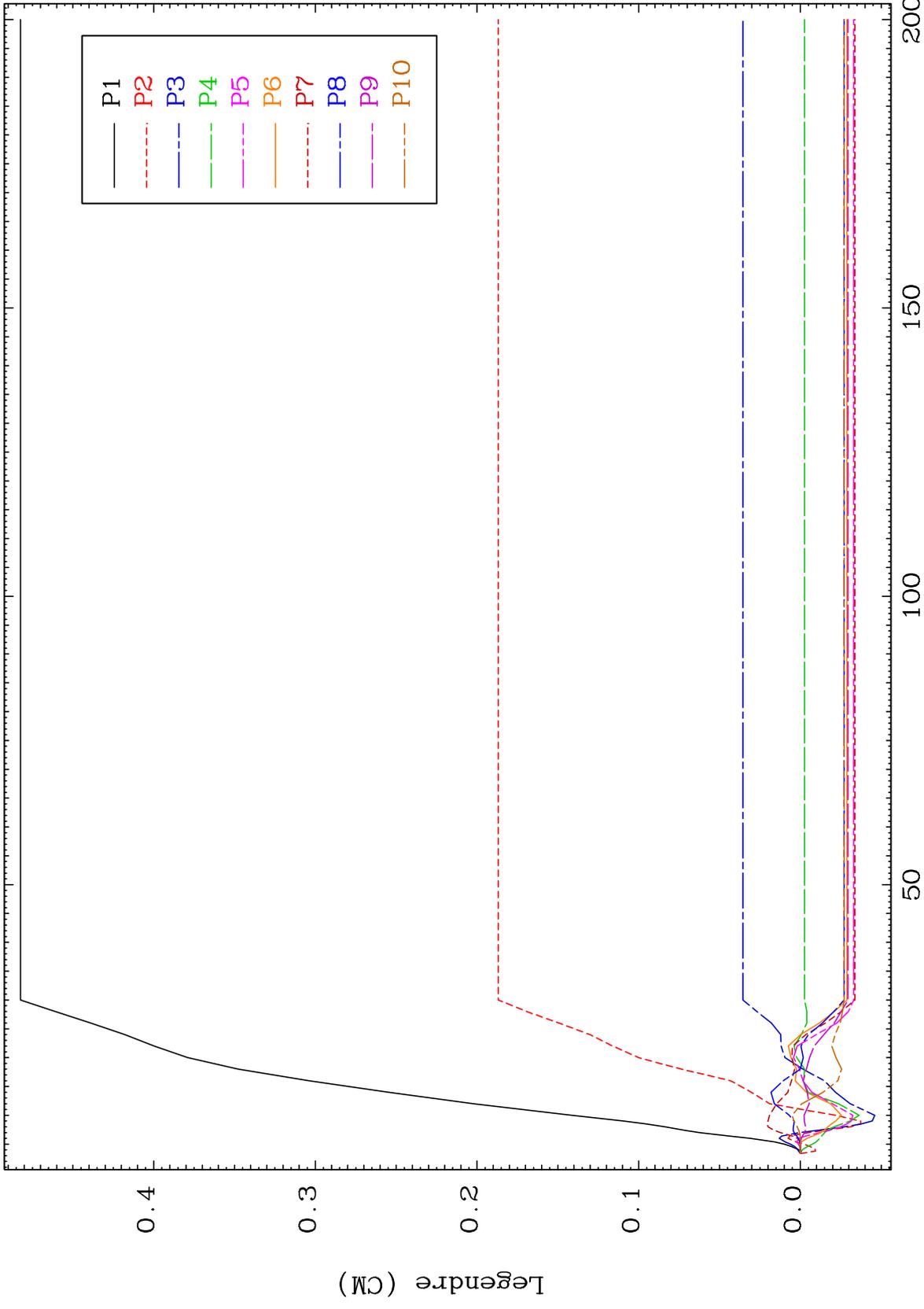
84-Po-206



MAT 8425

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

84-Po-206



114

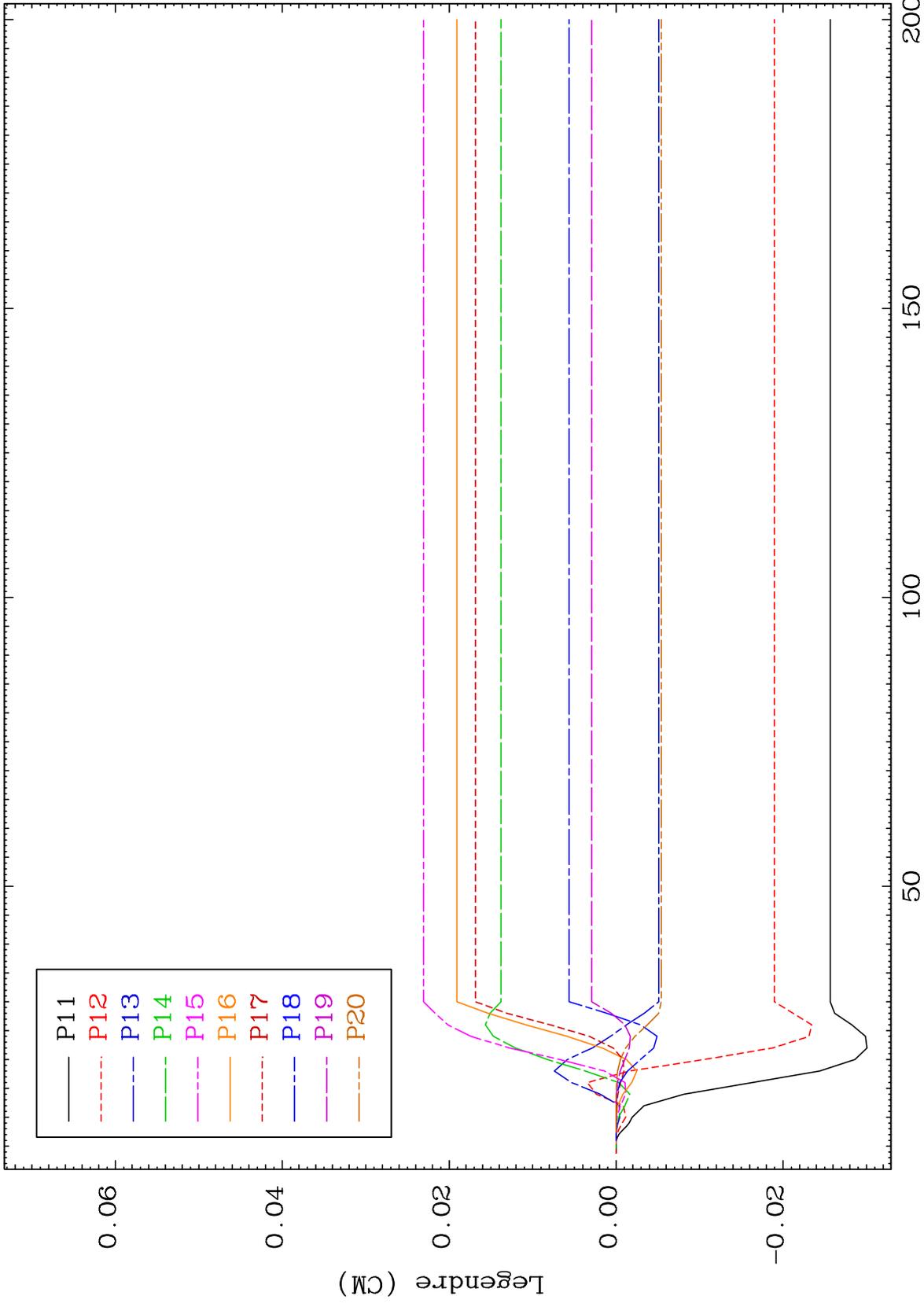
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



115

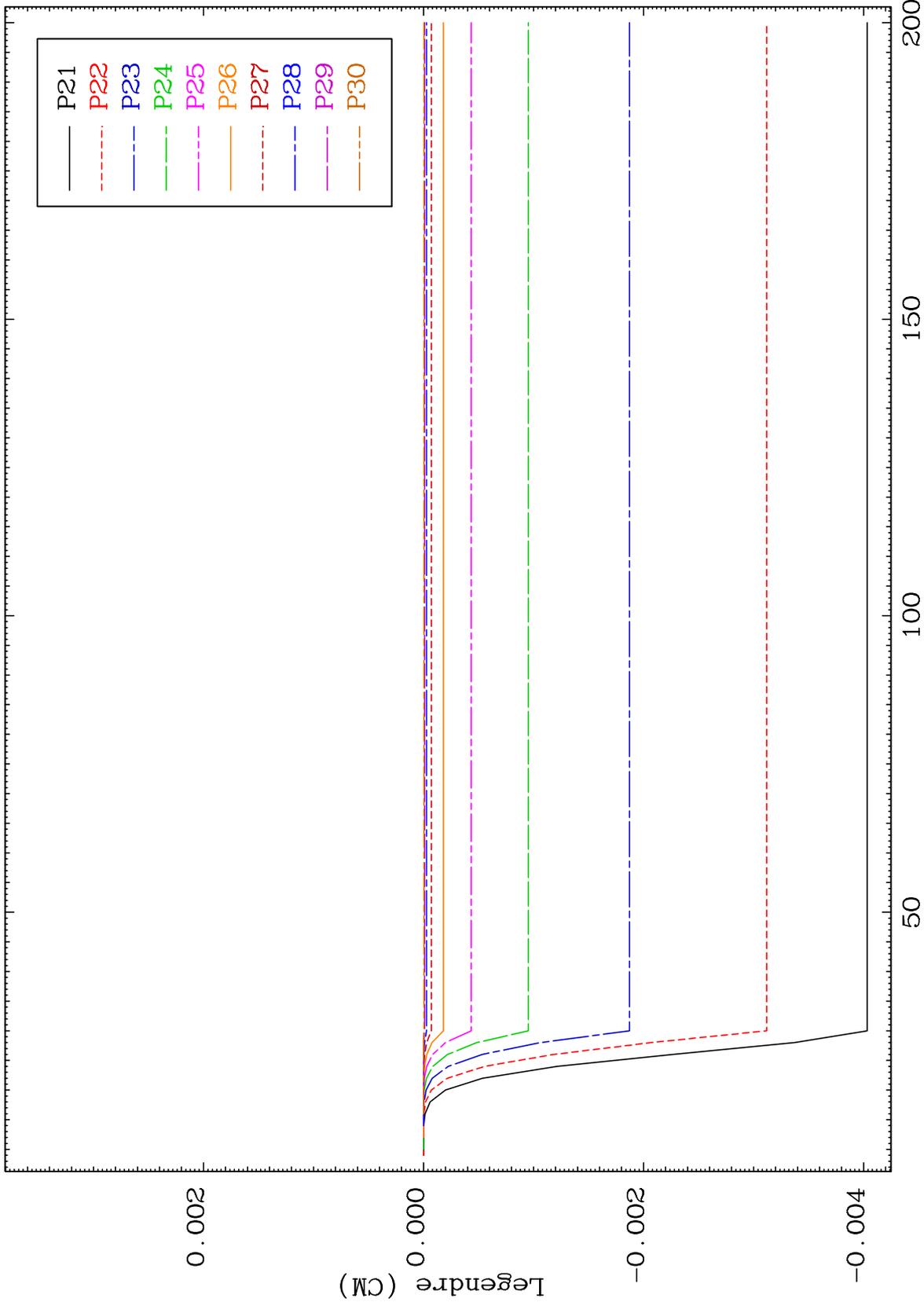
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



116

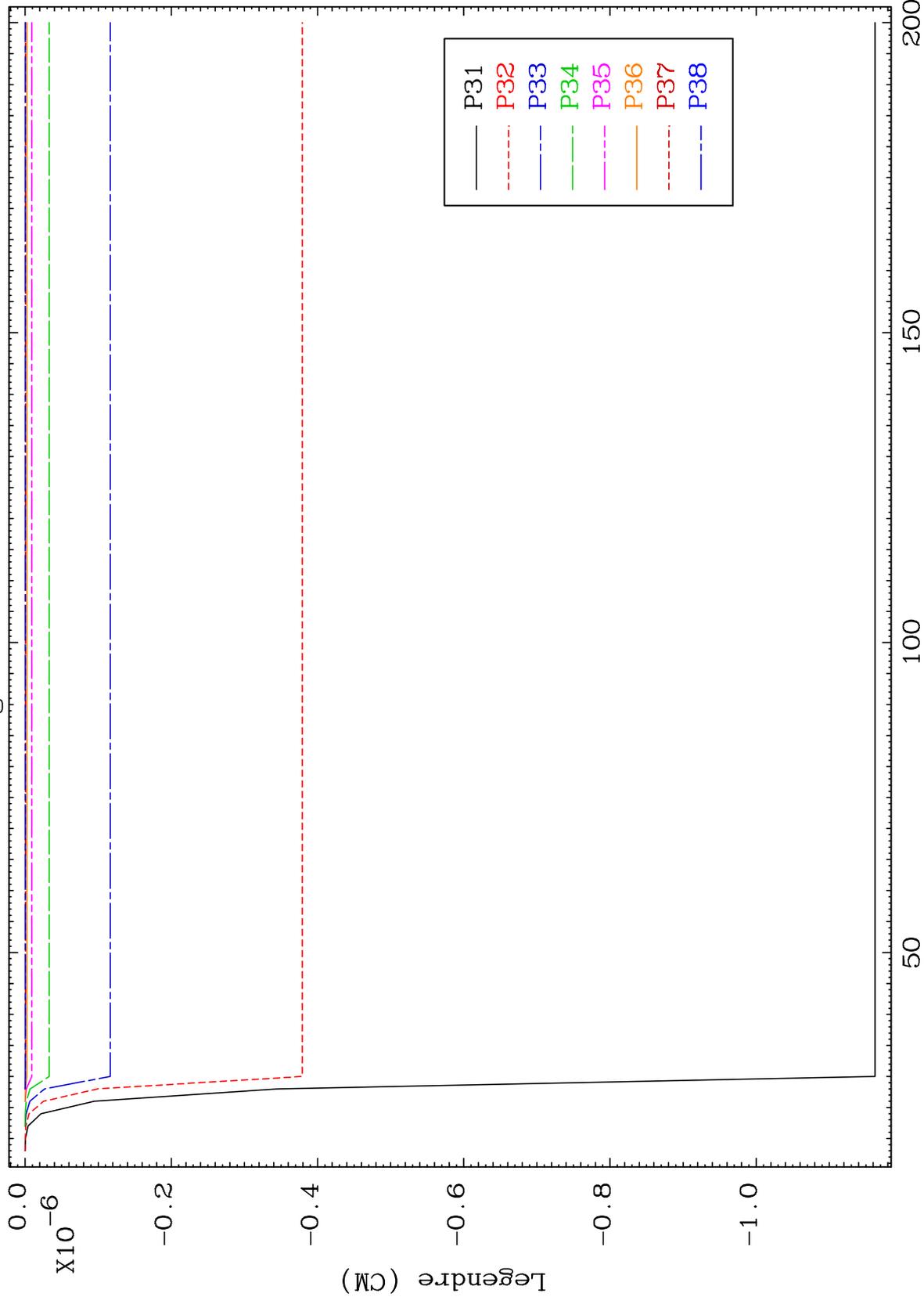
Incident Energy (MeV)

84-Po-206

MAT 8425

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

84-Po-206



117

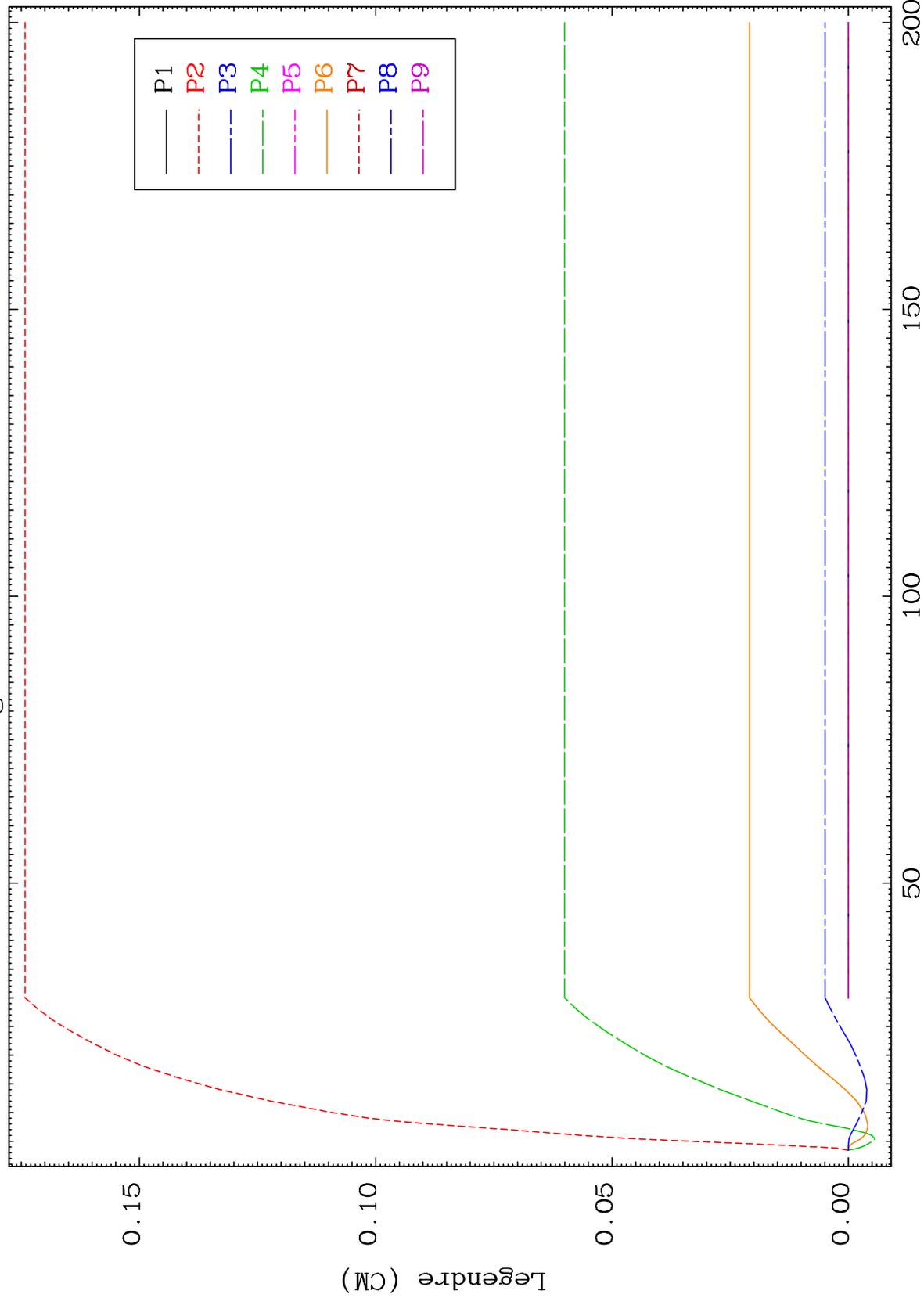
Incident Energy (MeV)

84-Po-206

MAT 8425

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

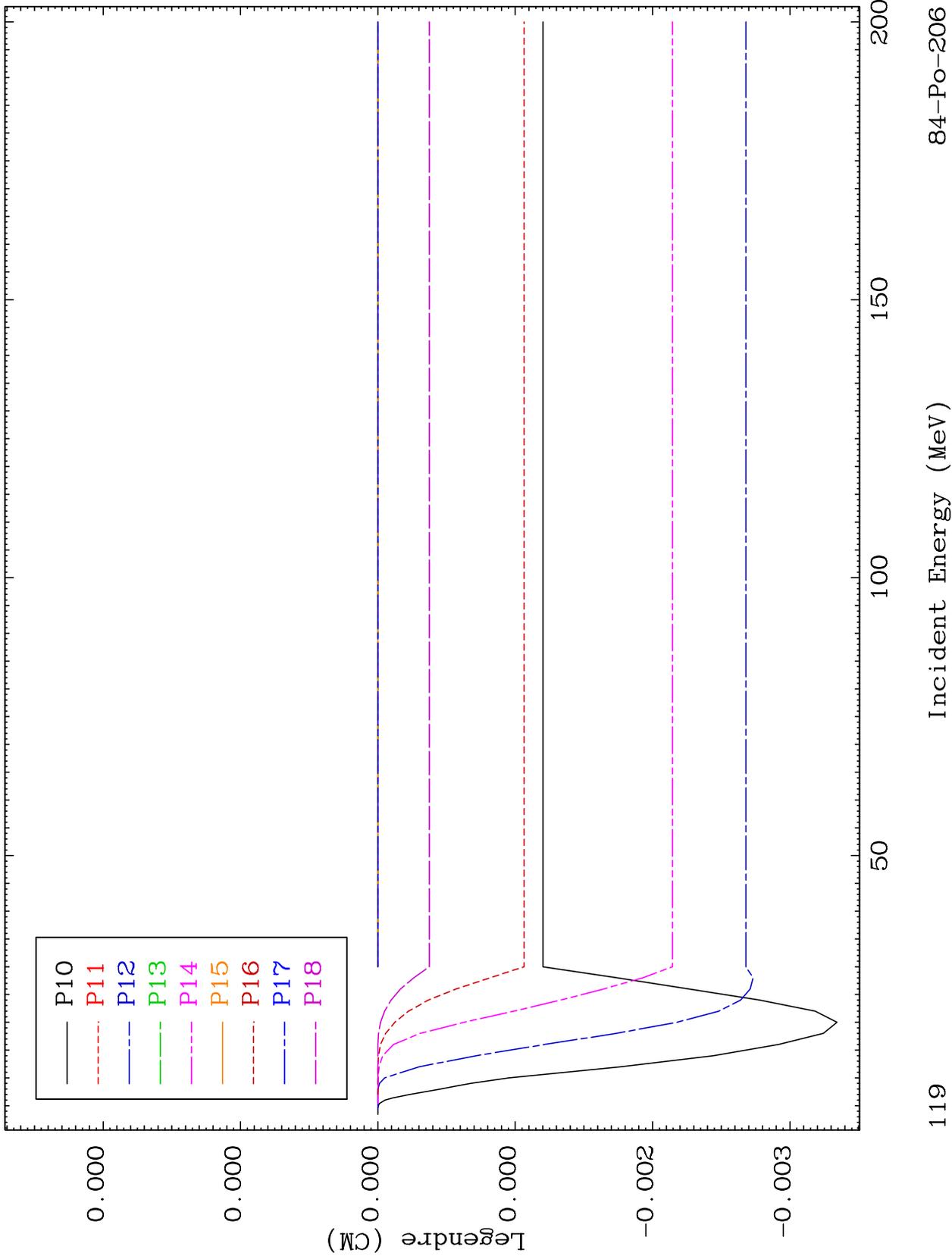
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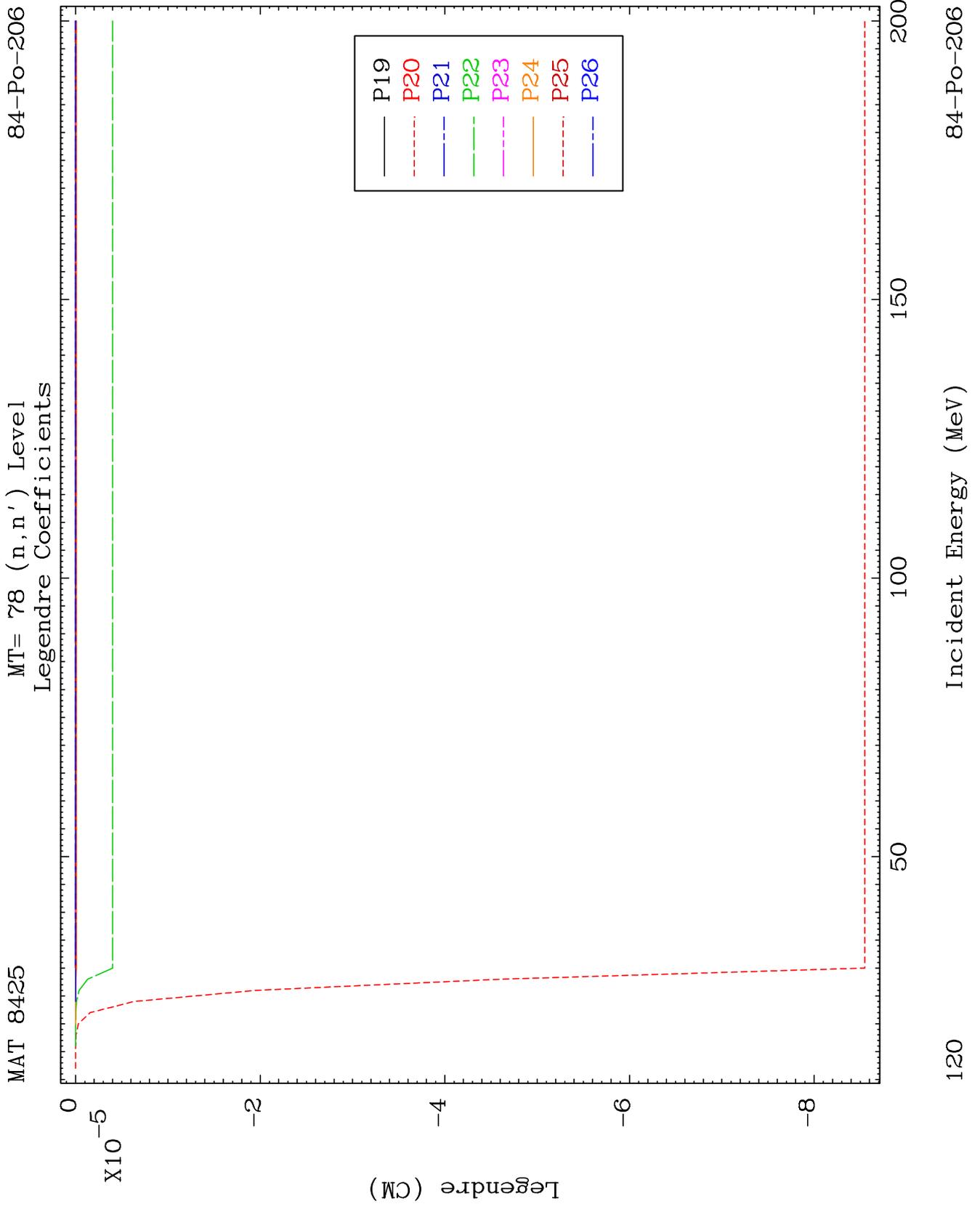


118

Incident Energy (MeV)

84-Po-206



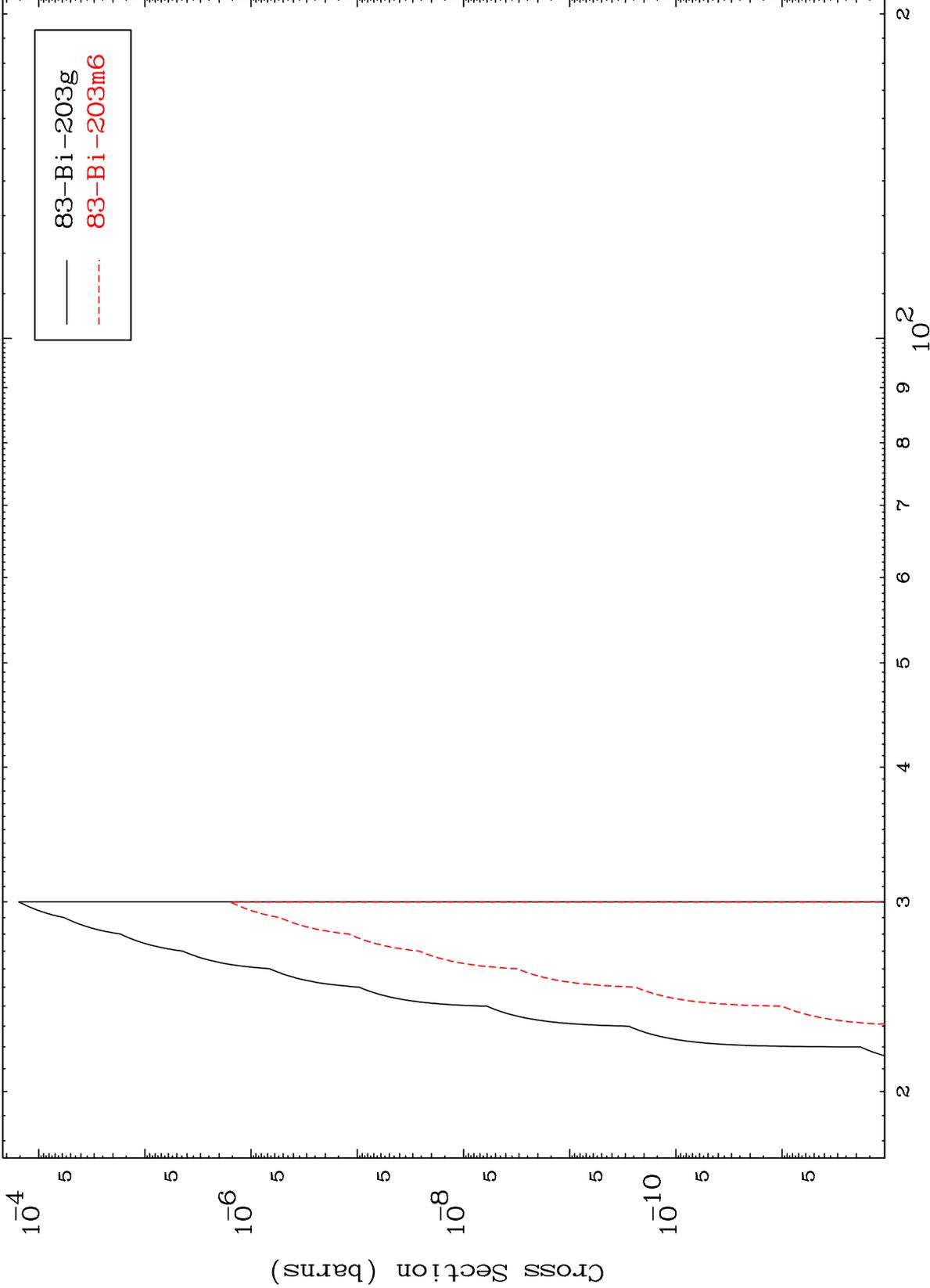


MAT 8425

(n,2n) d

84-Po-206

Radionuclide Production Cross Section



121

Incident Energy (MeV)

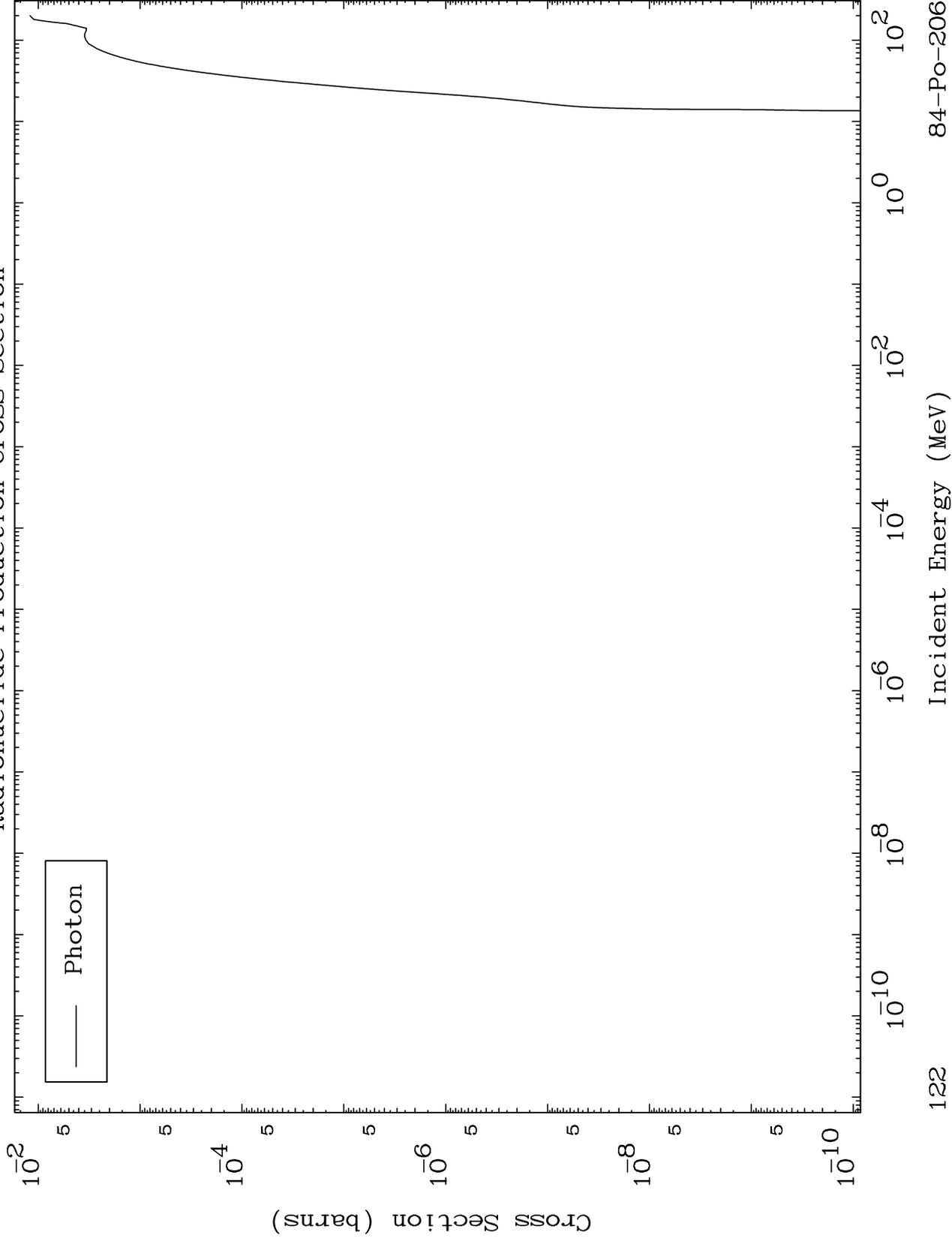
84-Po-206

MAT 8425

Fission

84-Po-206

Radionuclide Production Cross Section



122

Incident Energy (MeV)

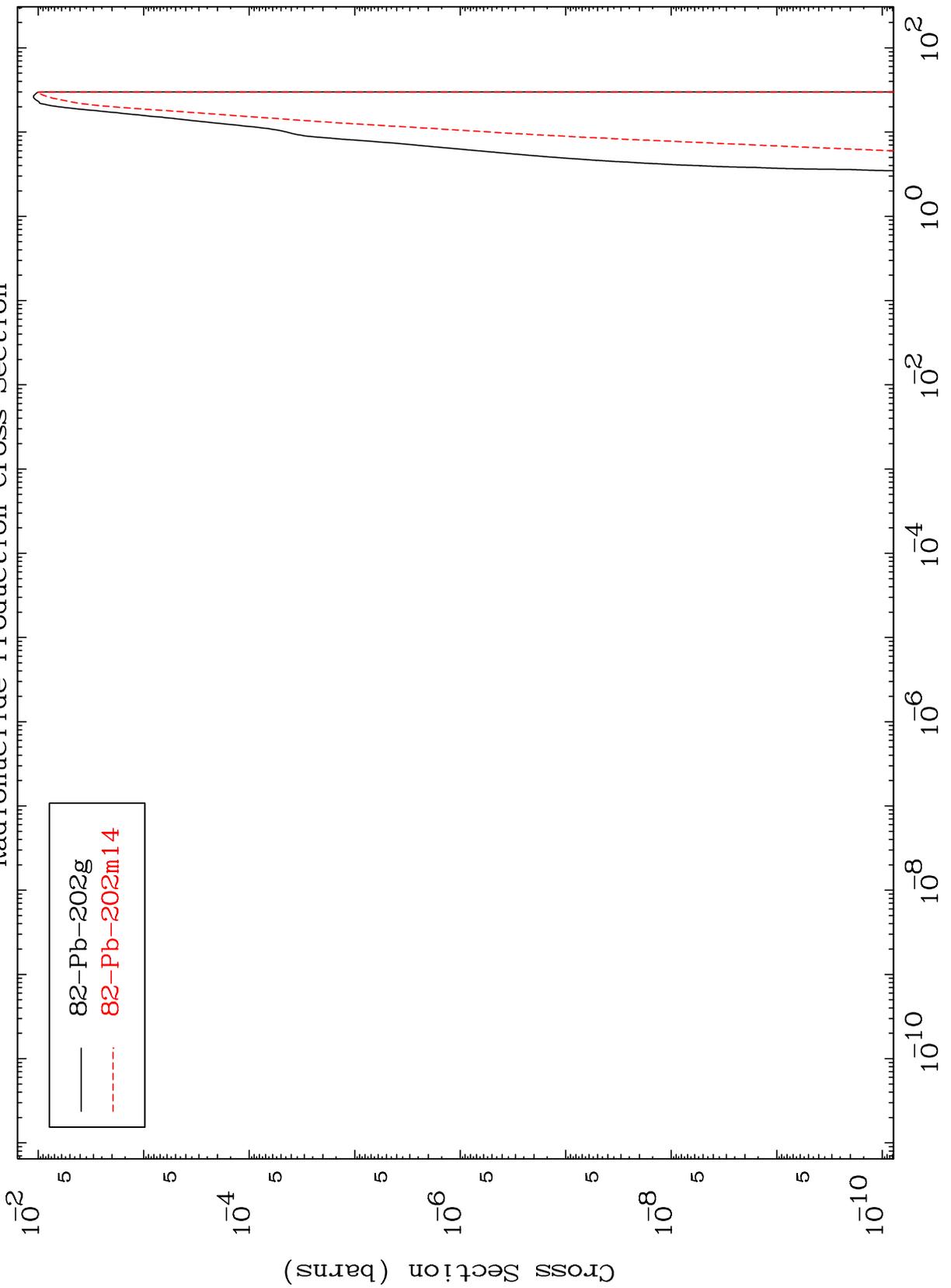
84-Po-206

MAT 8425

$(n, n') \alpha$

84-Po-206

Radionuclide Production Cross Section

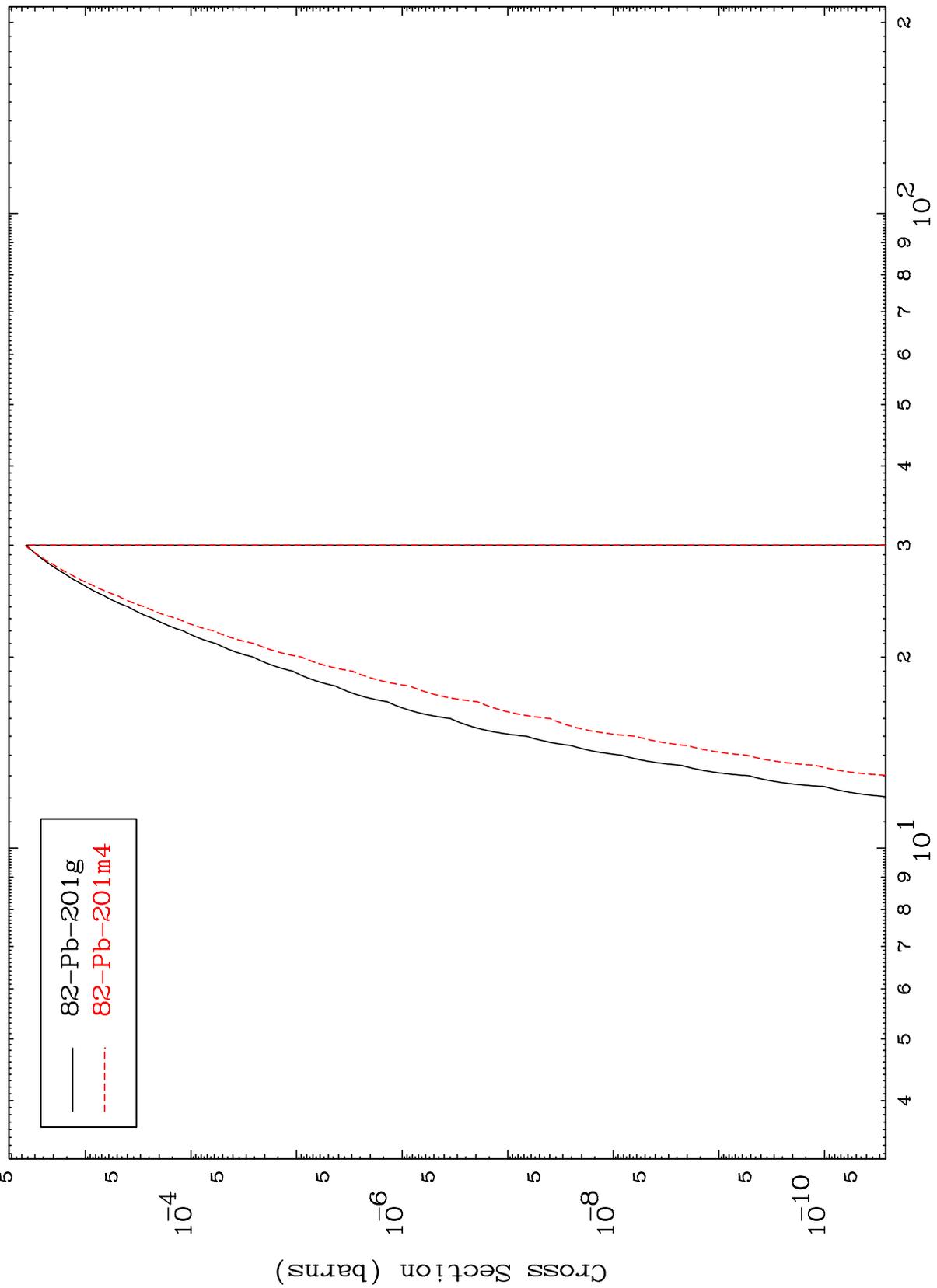


MAT 8425

$(n, 2n) \alpha$

84-Po-206

Radionuclide Production Cross Section



— 82-Pb-201g
- - - 82-Pb-201m4

124

Incident Energy (MeV)

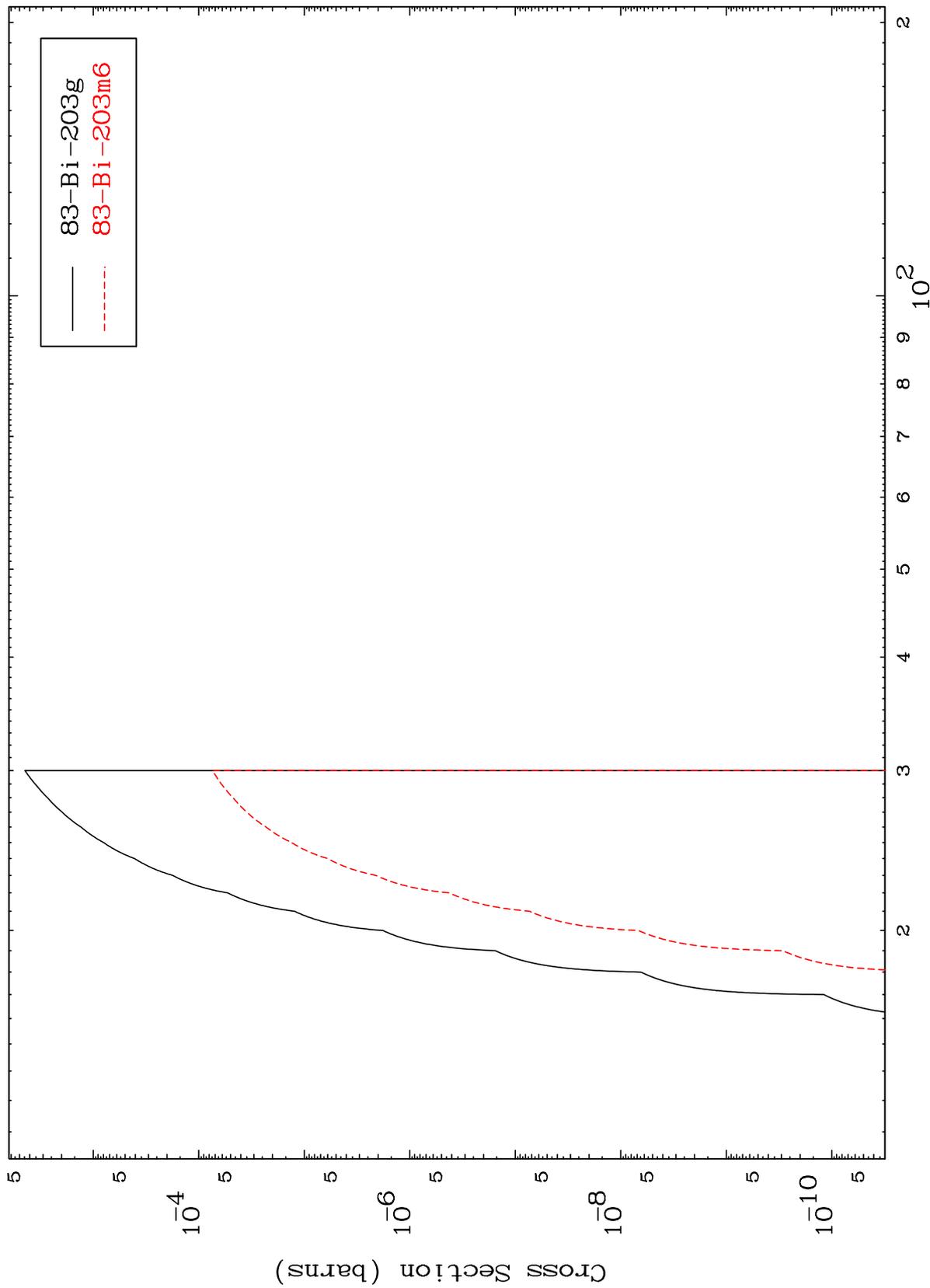
84-Po-206

MAT 8425

(n,n') t

84-Po-206

Radionuclide Production Cross Section



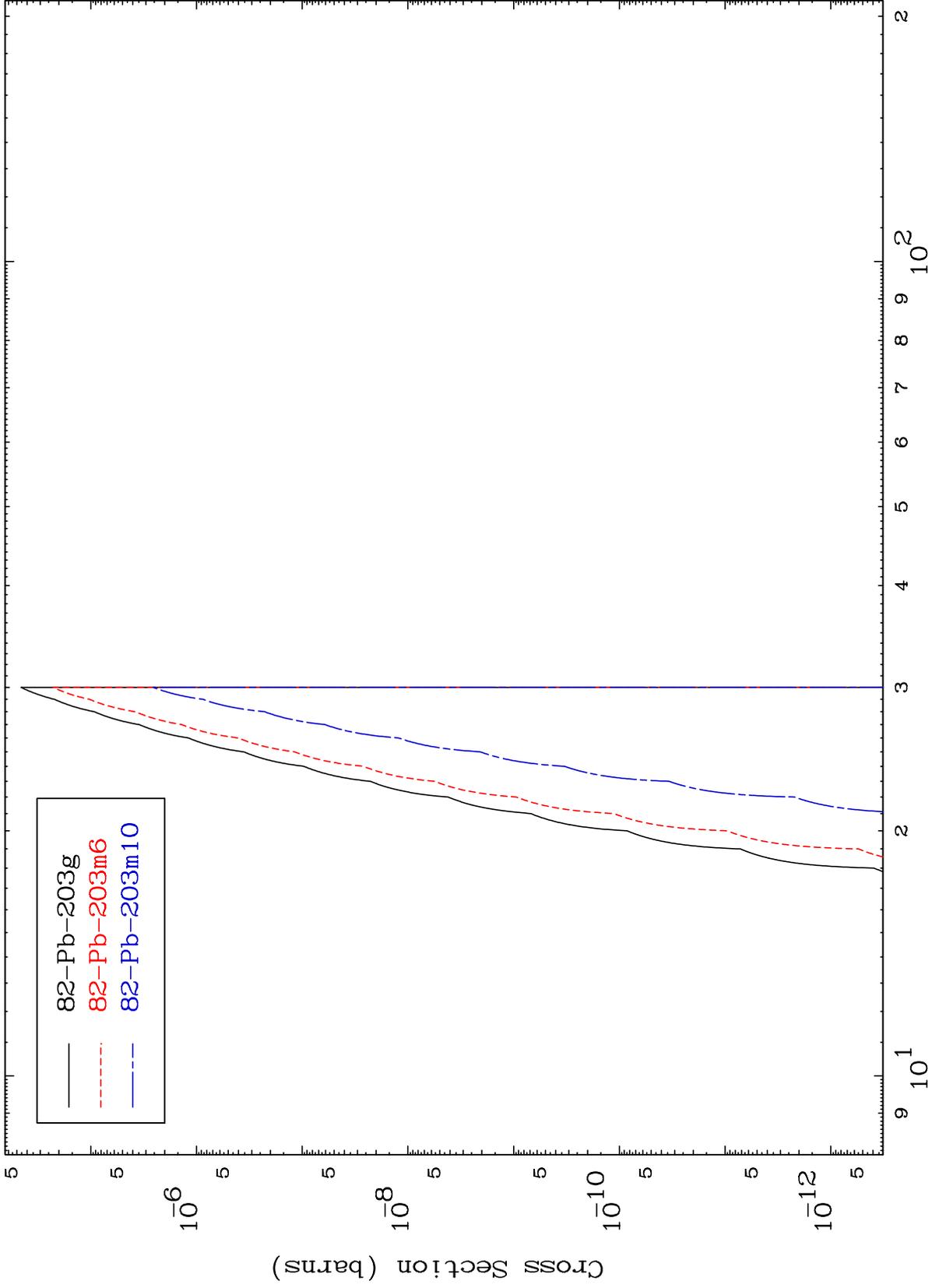
83-Bi-203g
83-Bi-203m6

125

Incident Energy (MeV)

84-Po-206

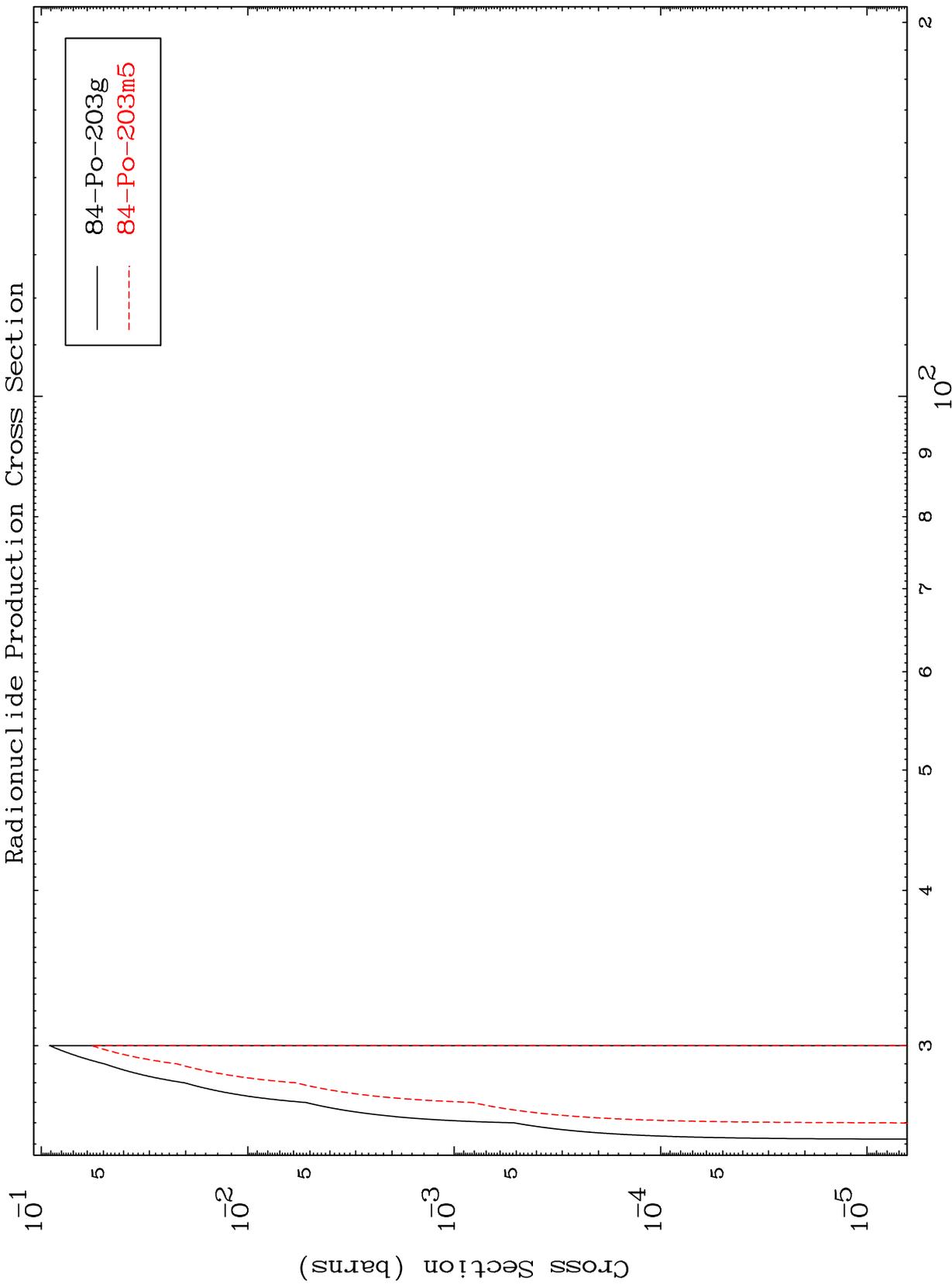
Radionuclide Production Cross Section



MAT 8425

84-Po-206

(n,4n)
Radionuclide Production Cross Section

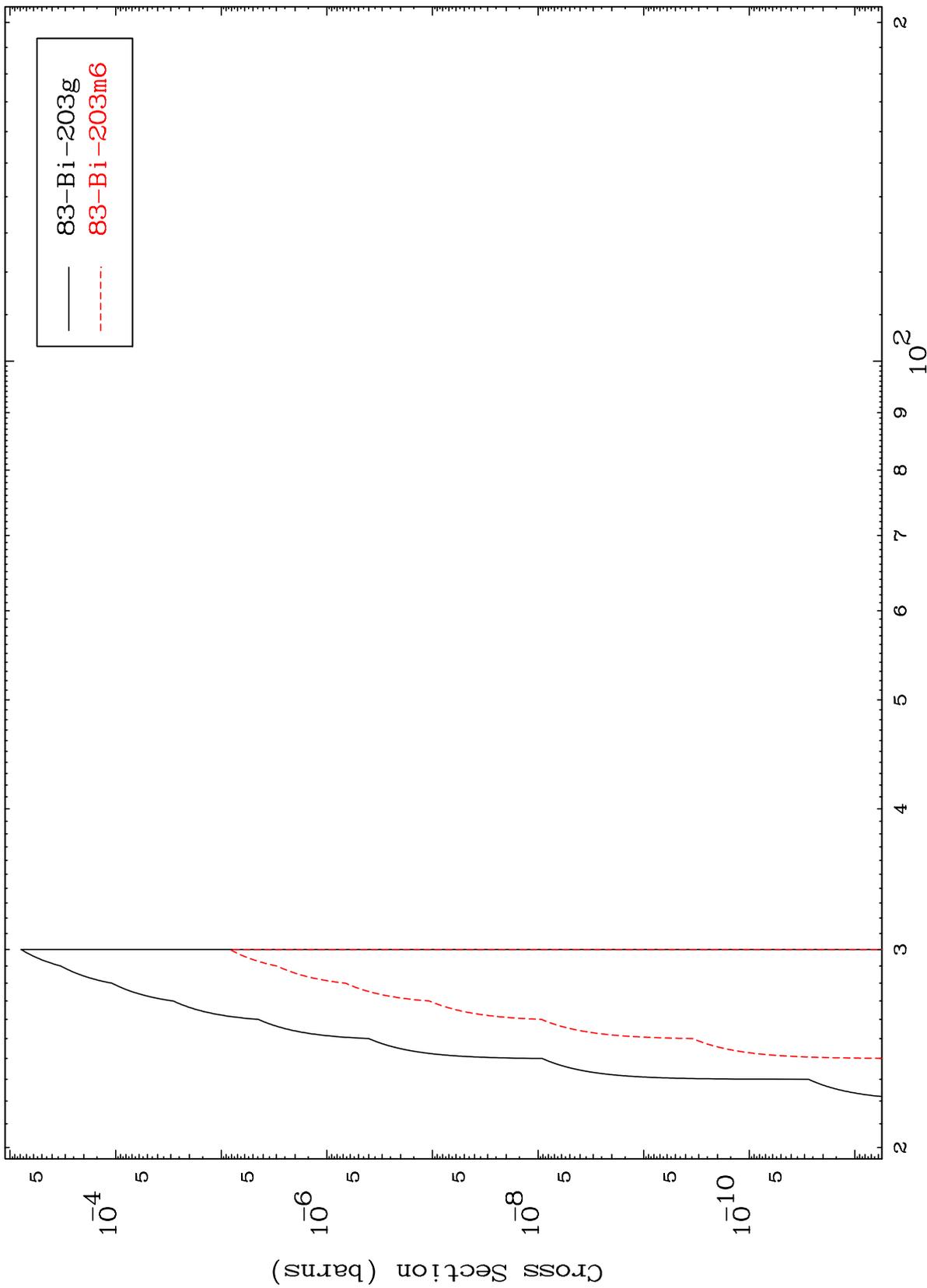


127

84-Po-206

Incident Energy (MeV)

Radionuclide Production Cross Section

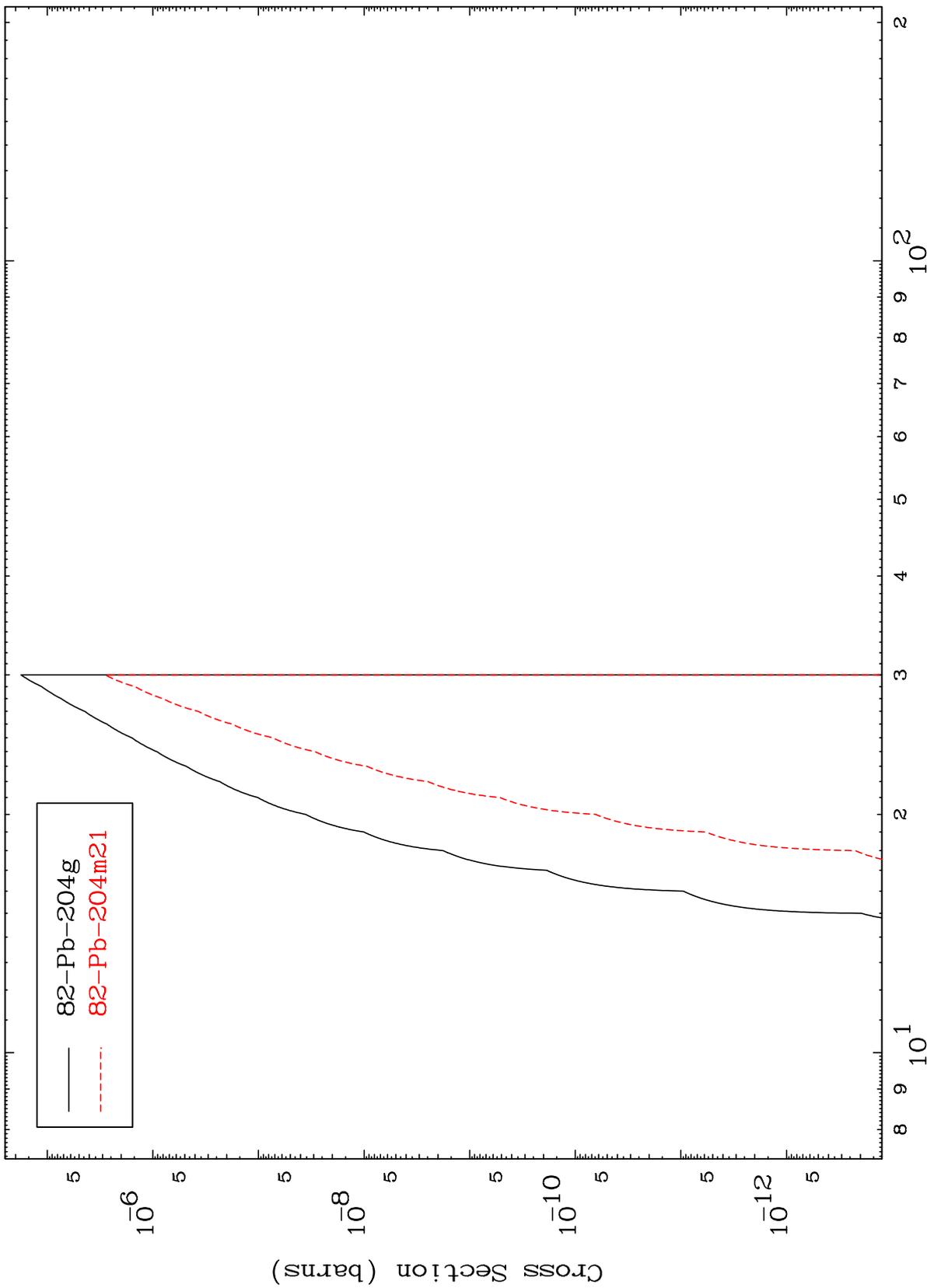


MAT 8425

(n,2n) p

84-Po-206

Radionuclide Production Cross Section



129

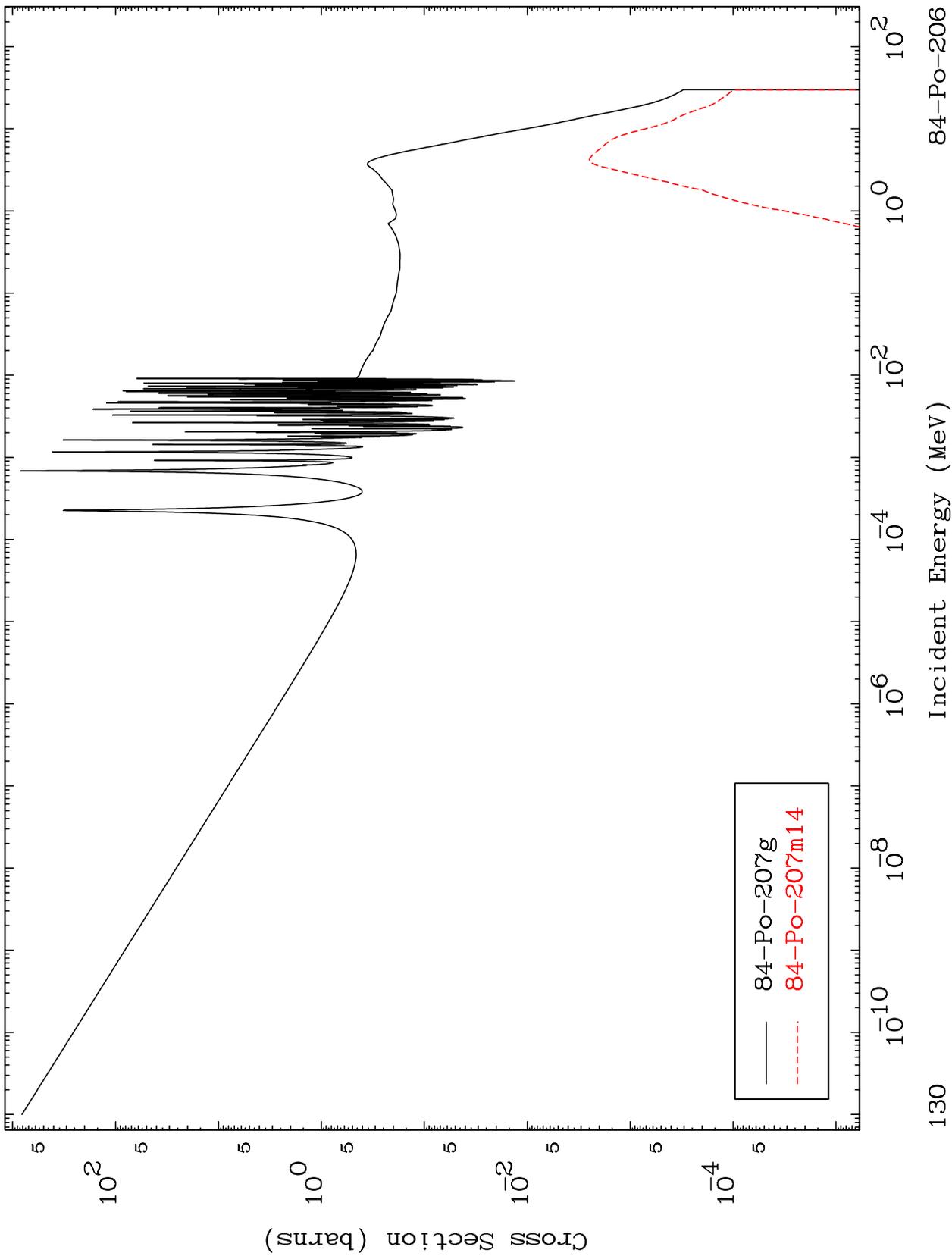
Incident Energy (MeV)

84-Po-206

MAT 8425

84-Po-206

(n, γ)
Radionuclide Production Cross Section

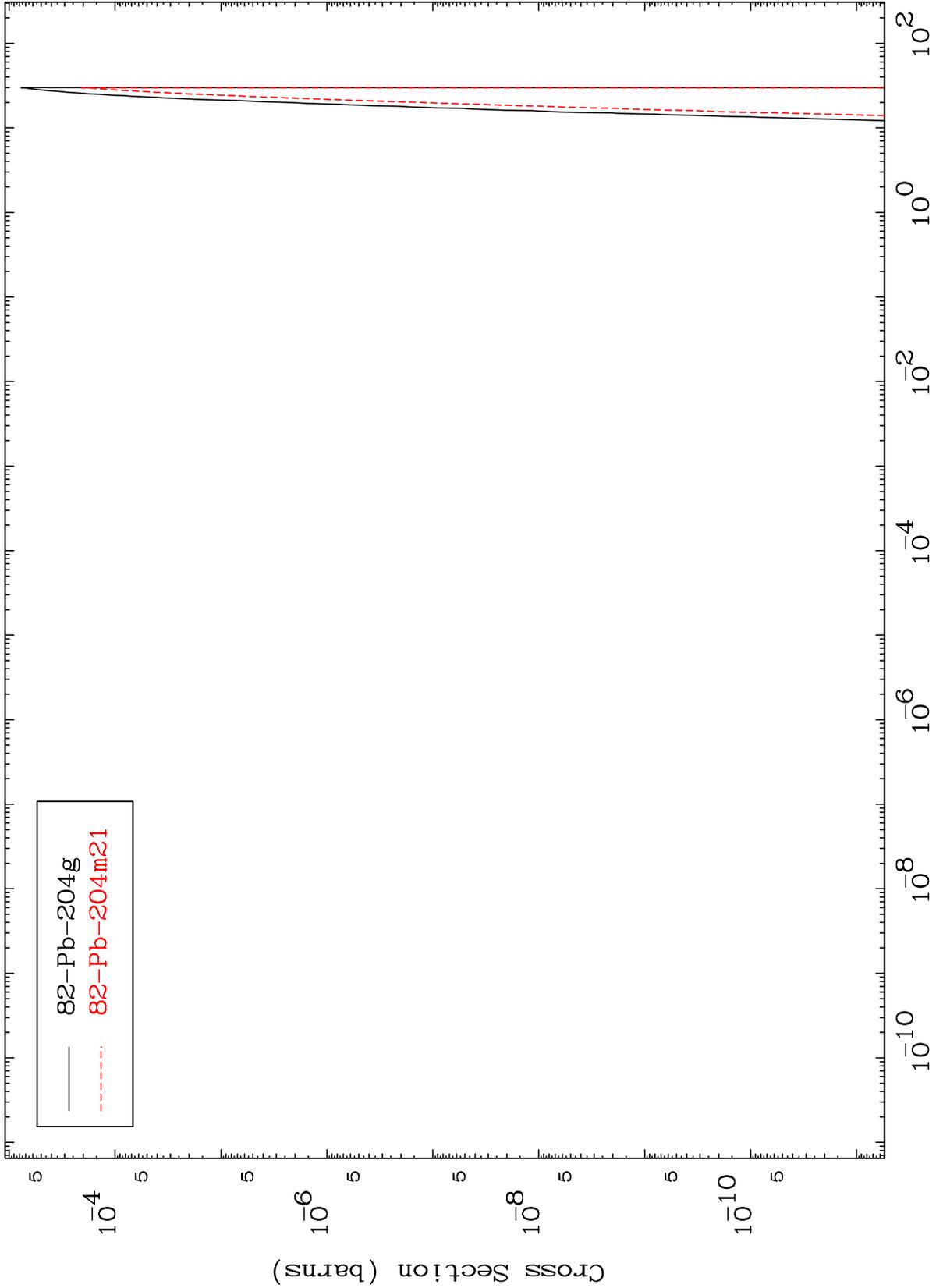


MAT 8425

(n,He-3)

84-Po-206

Radionuclide Production Cross Section

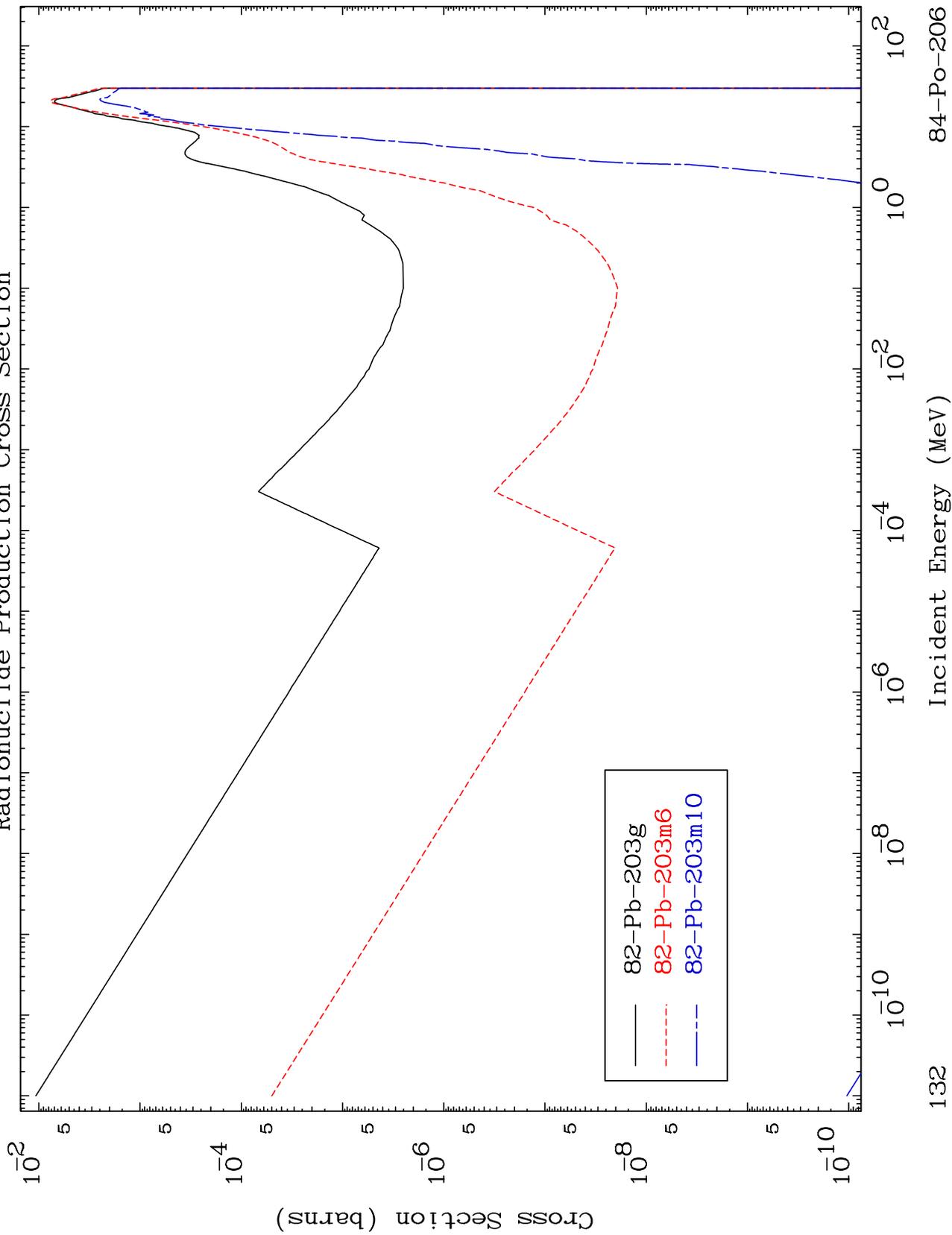


82-Pb-204g
82-Pb-204m21

MAT 8425

84-Po-206

Radionuclide Production Cross Section



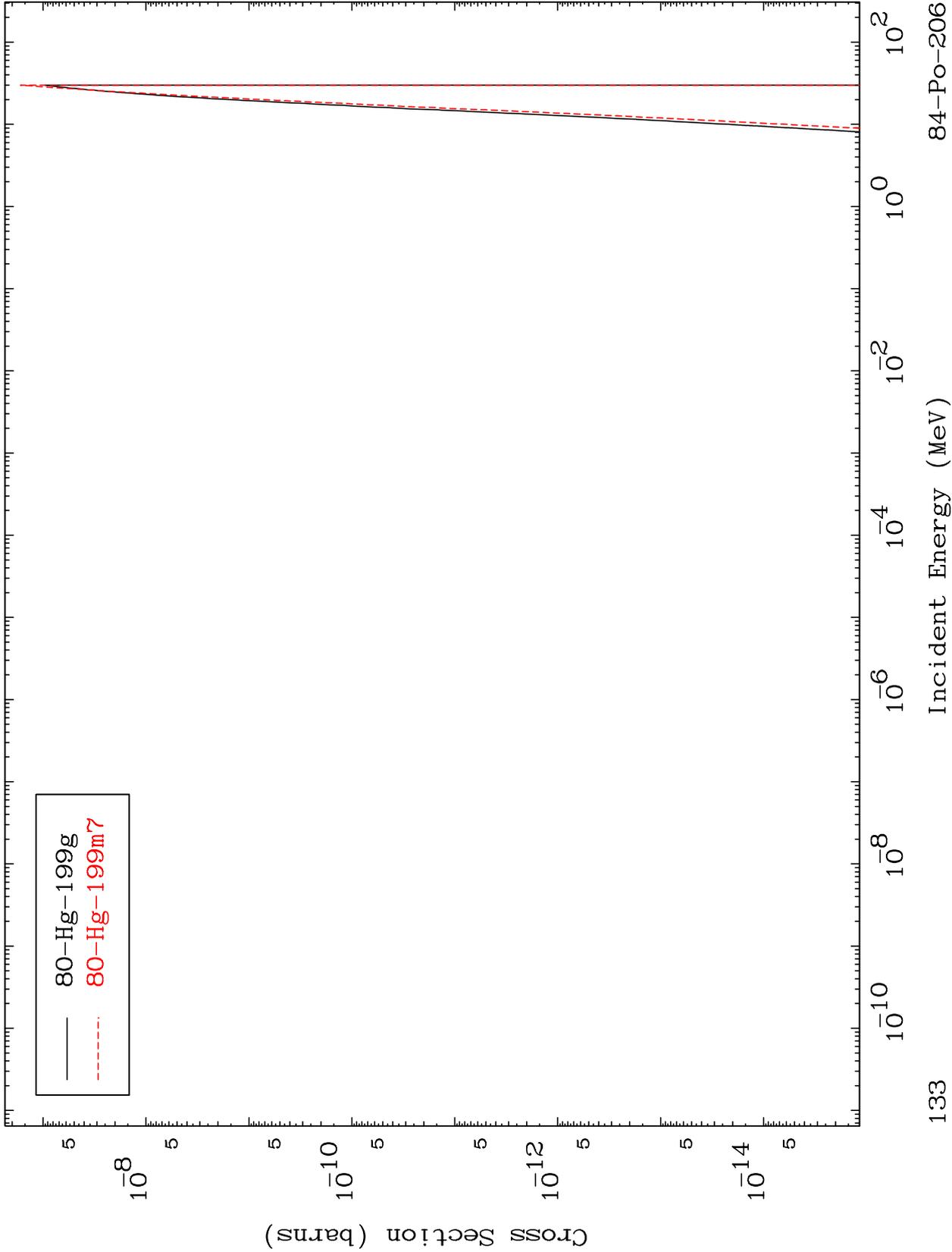
82-Pb-203g
82-Pb-203m6
82-Pb-203m10

MAT 8425

(n,2 α)

84-Po-206

Radionuclide Production Cross Section

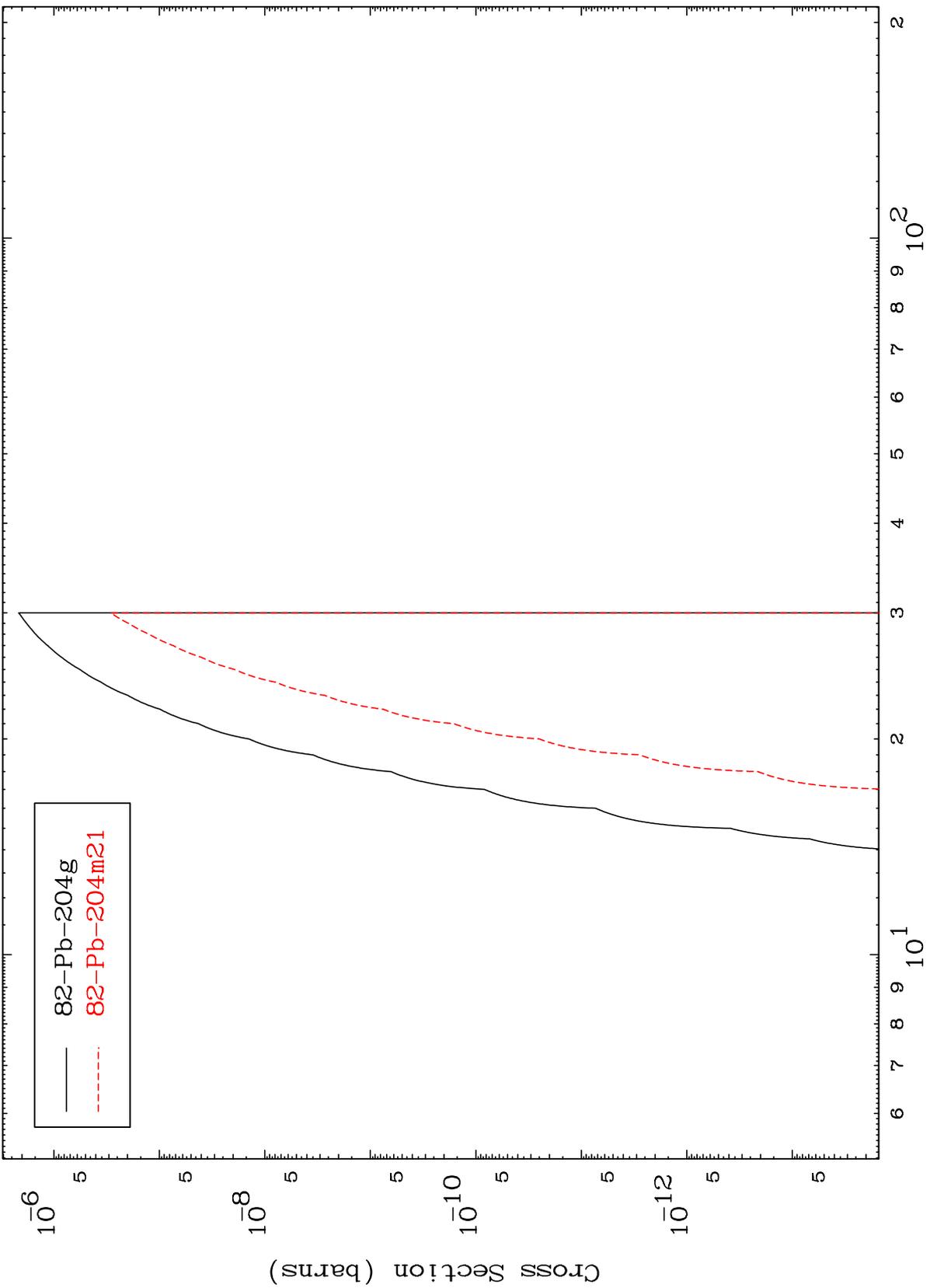


MAT 8425

(n,p) d

84-Po-206

Radionuclide Production Cross Section



82-Pb-204g
82-Pb-204m21

134

Incident Energy (MeV)

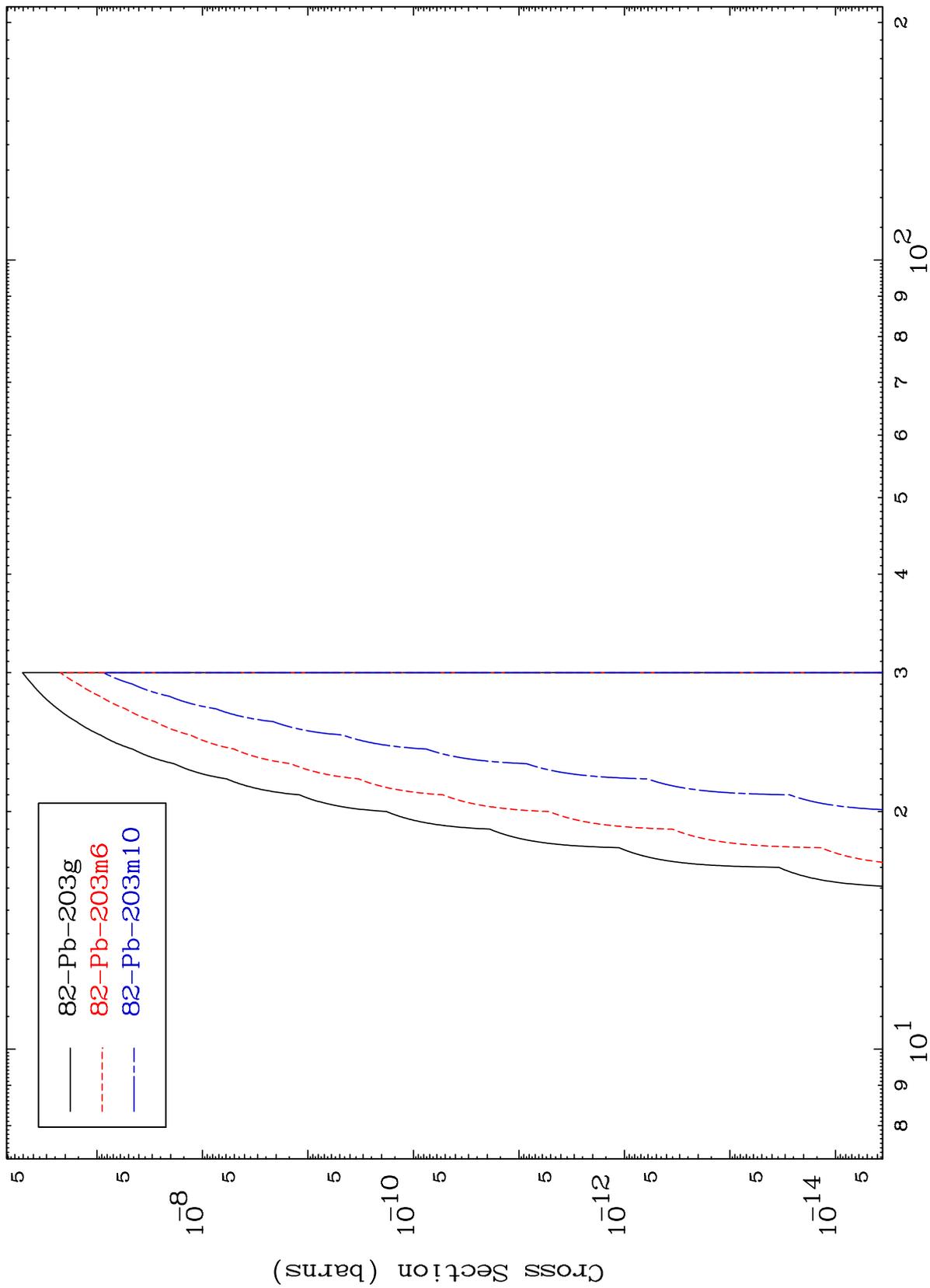
84-Po-206

MAT 8425

(n,p) t

84-Po-206

Radionuclide Production Cross Section



135

Incident Energy (MeV)

84-Po-206