

Program EVALPLOT  
(Version 2018-1)

by

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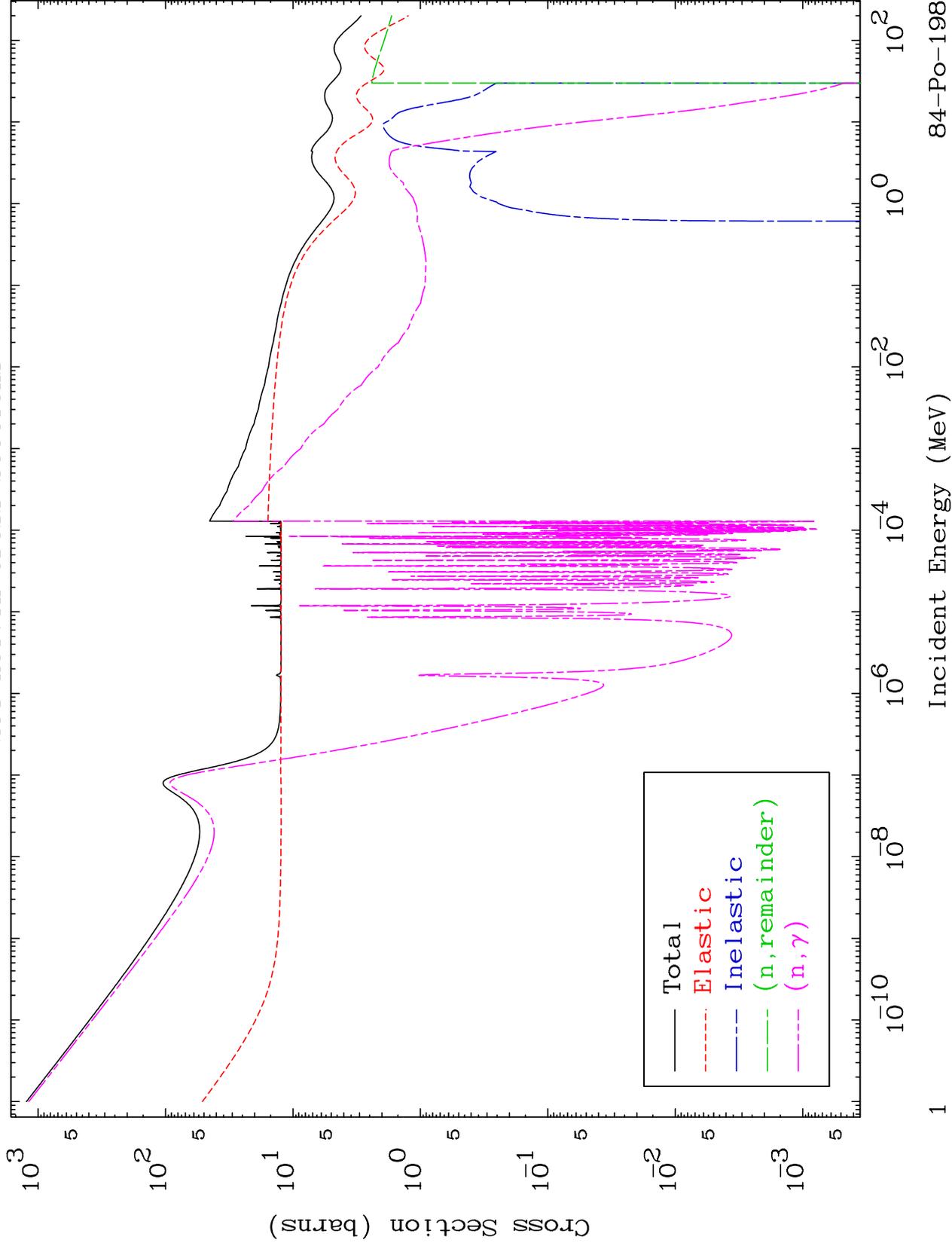
Press Mouse Button to Start

MAT 8401

Major

293 Kelvin Cross Sections

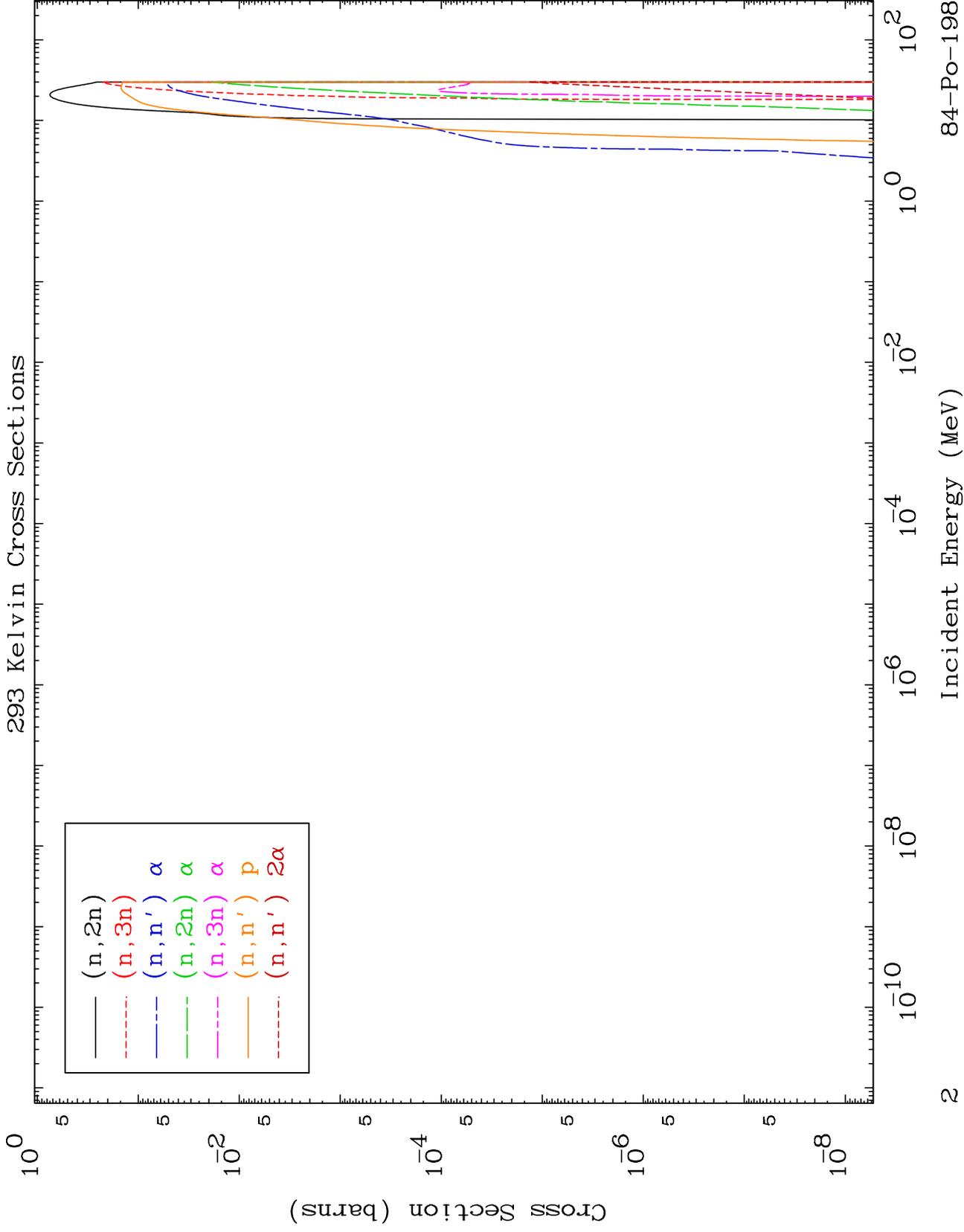
84-Po-198



MAT 8401

Neutron Production  
293 Kelvin Cross Sections

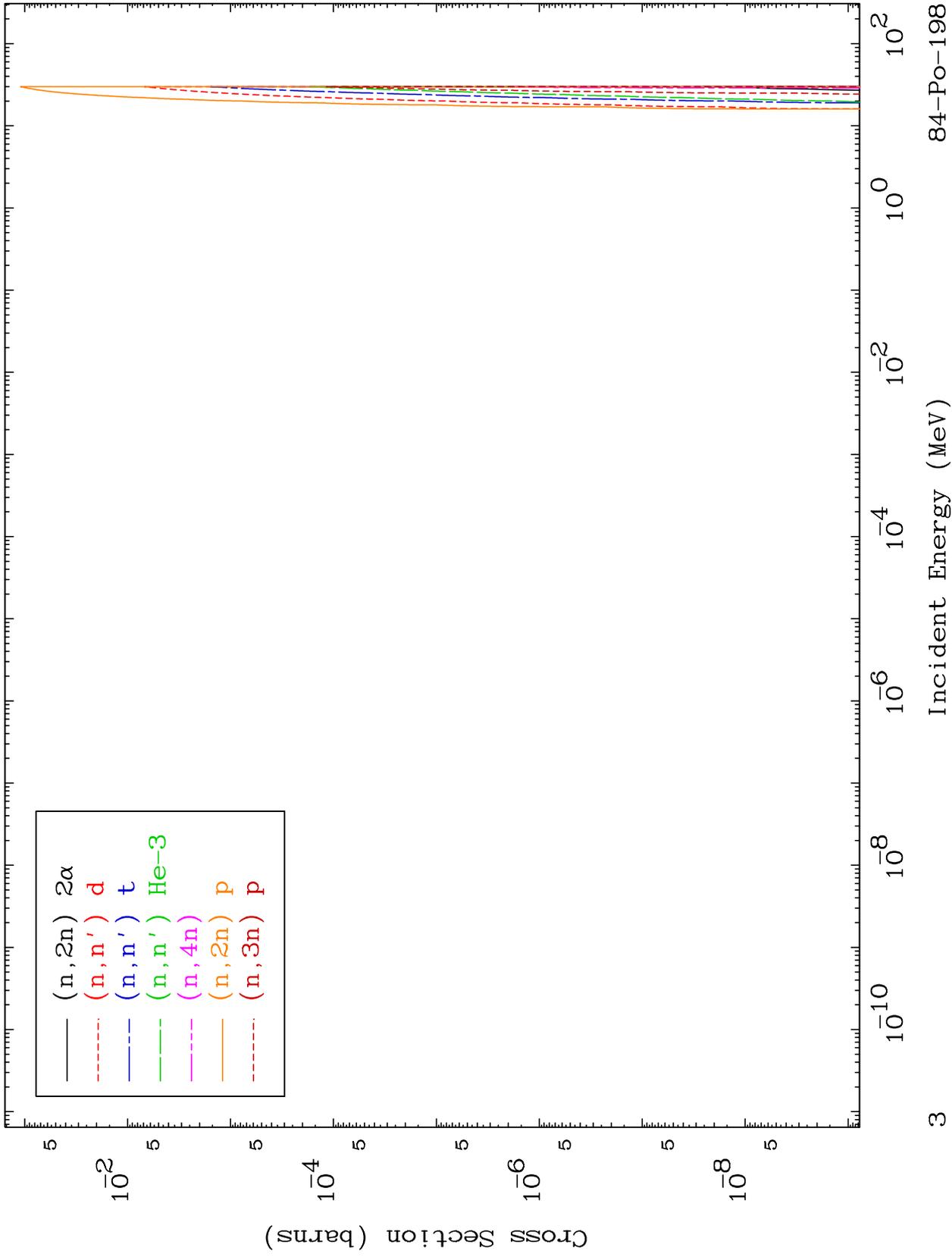
84-Po-198



MAT 8401

Neutron Production  
293 Kelvin Cross Sections

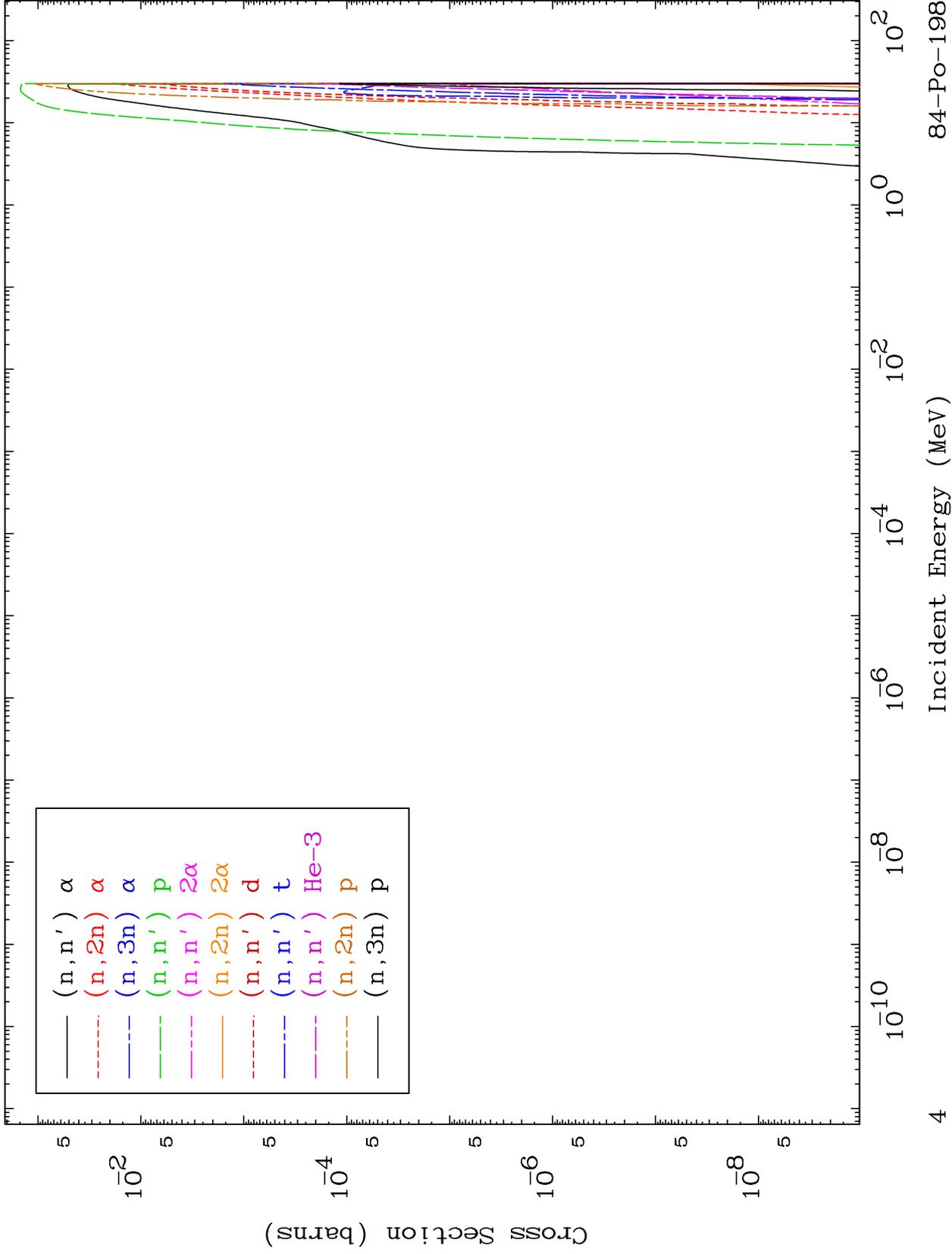
84-Po-198



MAT 8401

Charged Particle  
293 Kelvin Cross Sections

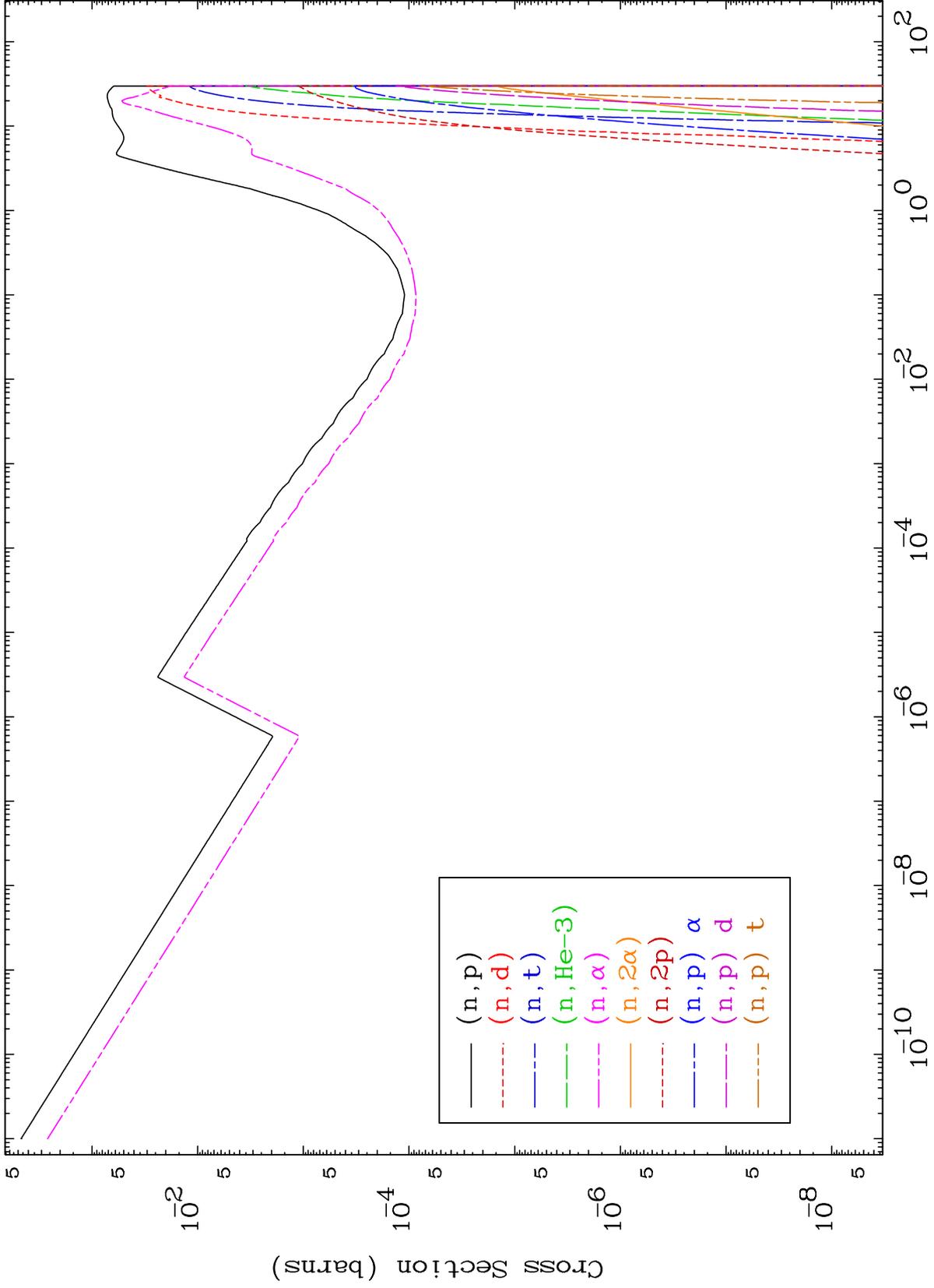
84-Po-198



MAT 8401

Charged Particle  
293 Kelvin Cross Sections

84-Po-198



5

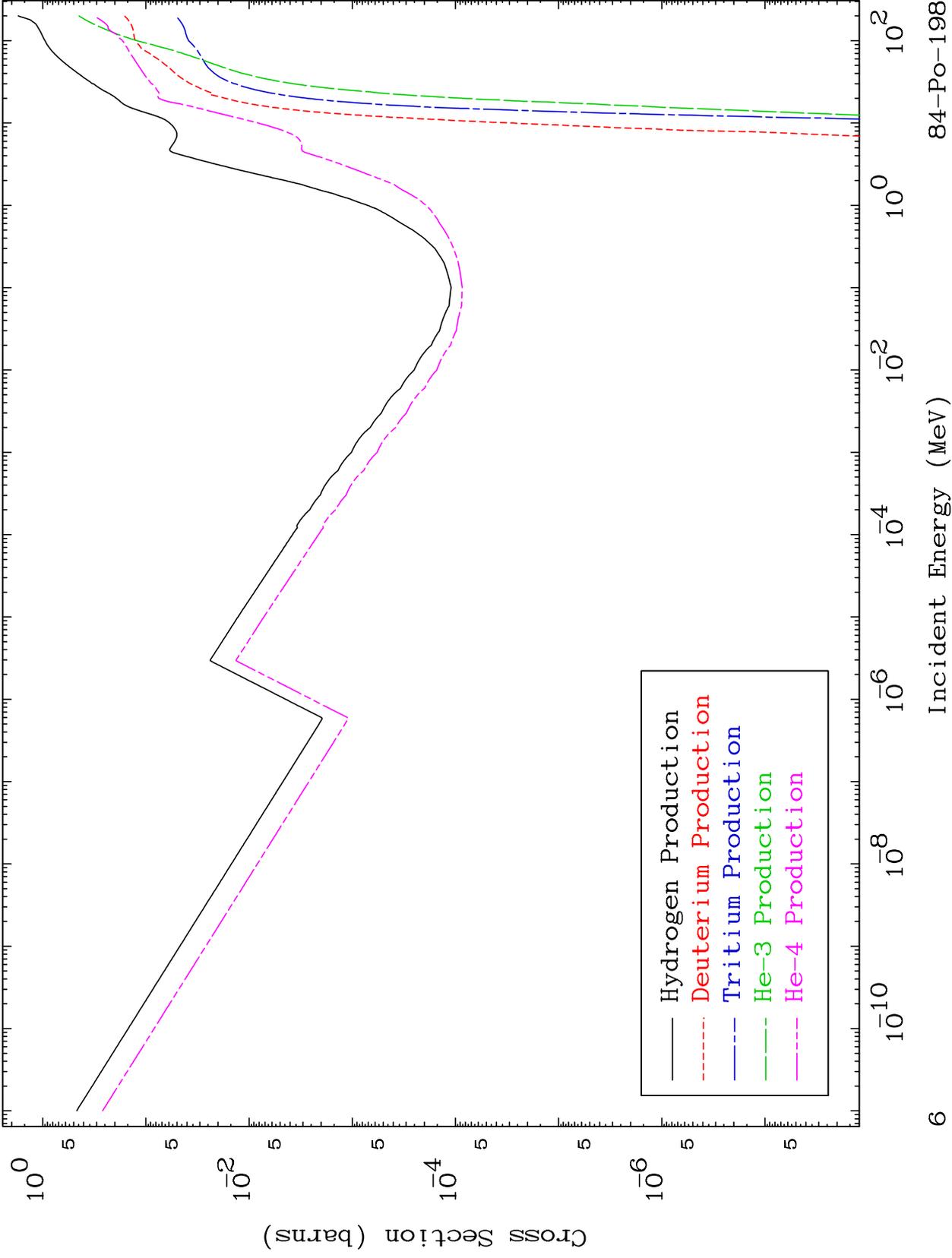
Incident Energy (MeV)

84-Po-198

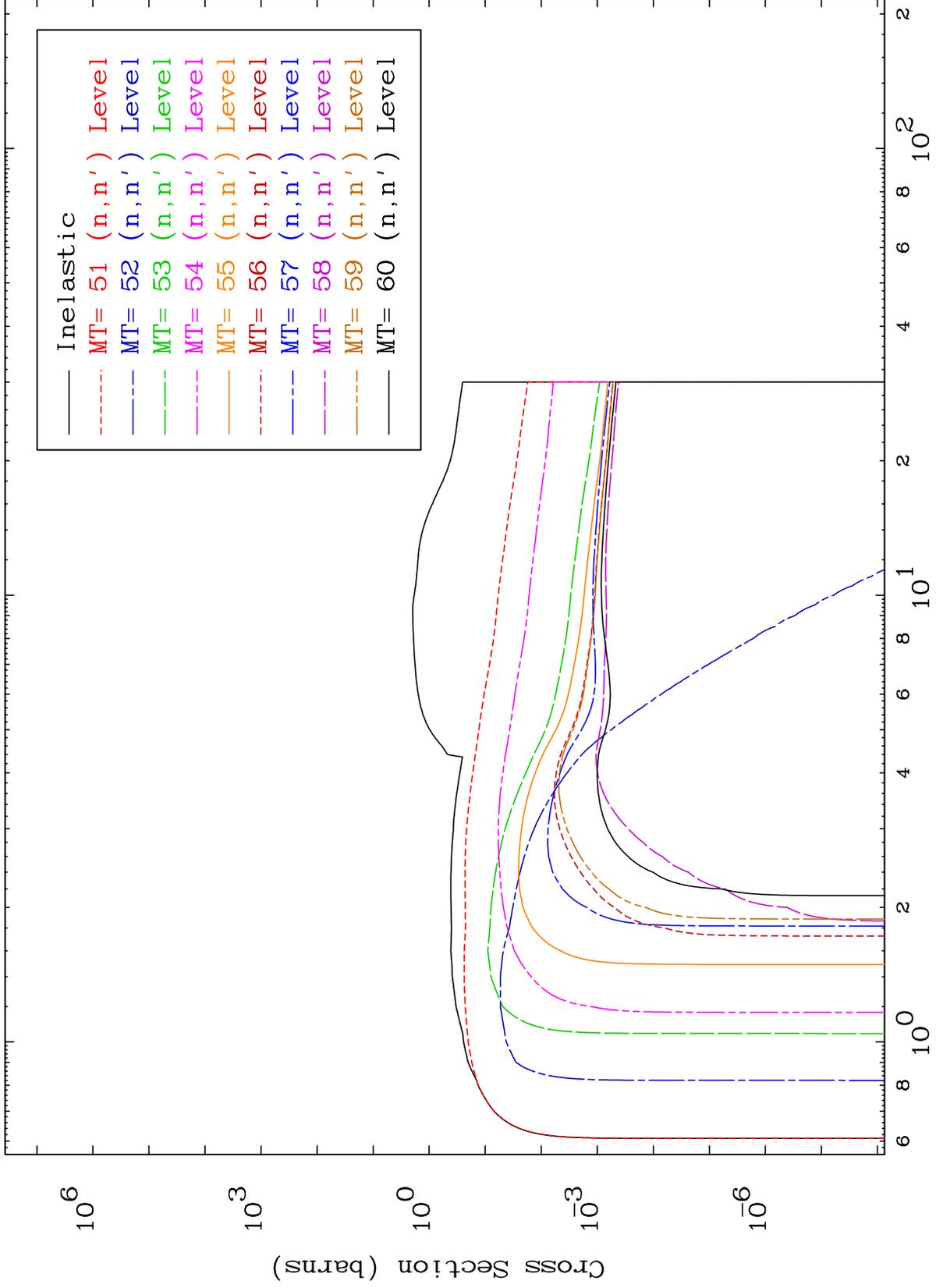
MAT 8401

Particle Production  
293 Kelvin Cross Sections

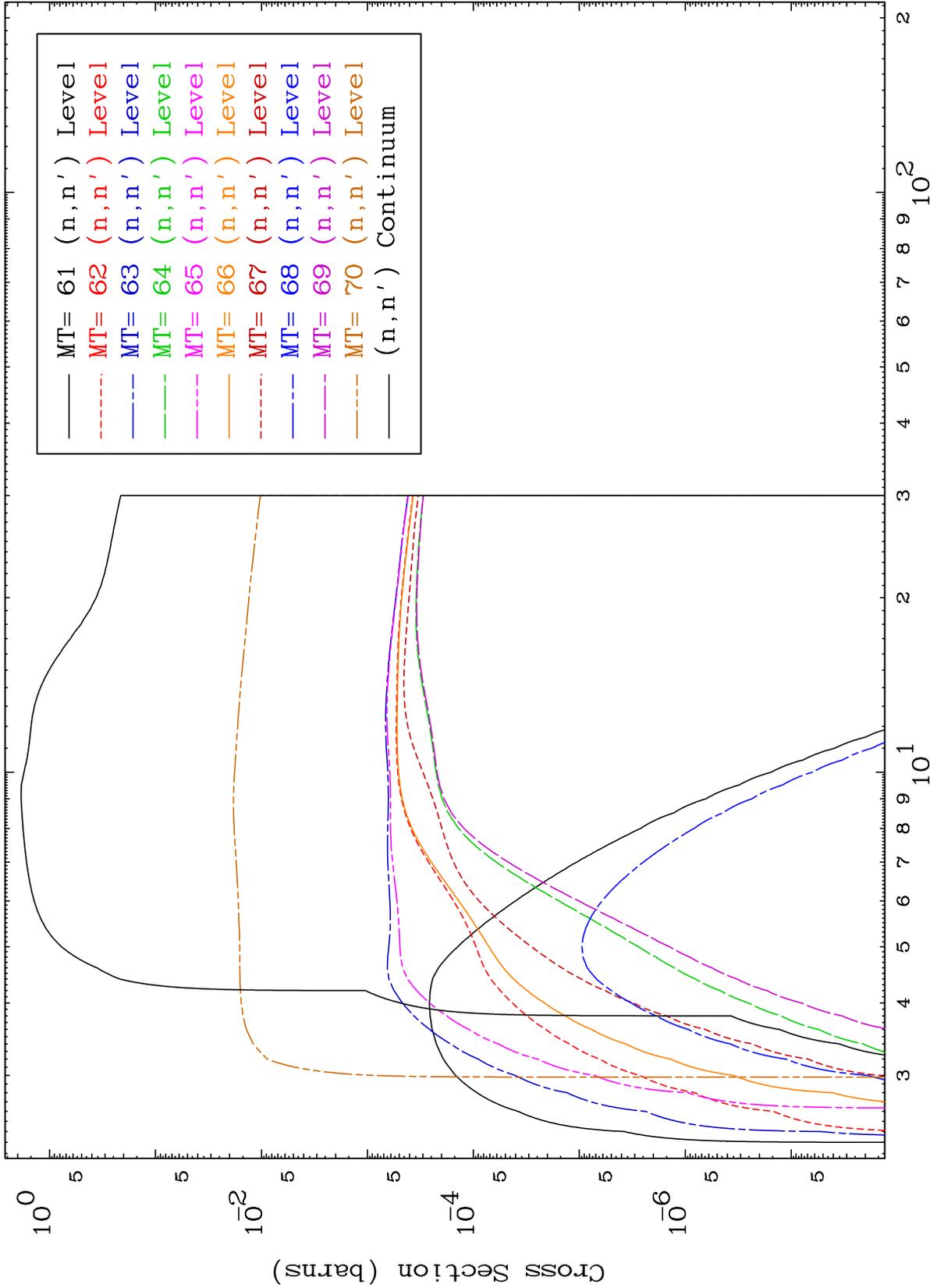
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293 Kelvin Cross Sections



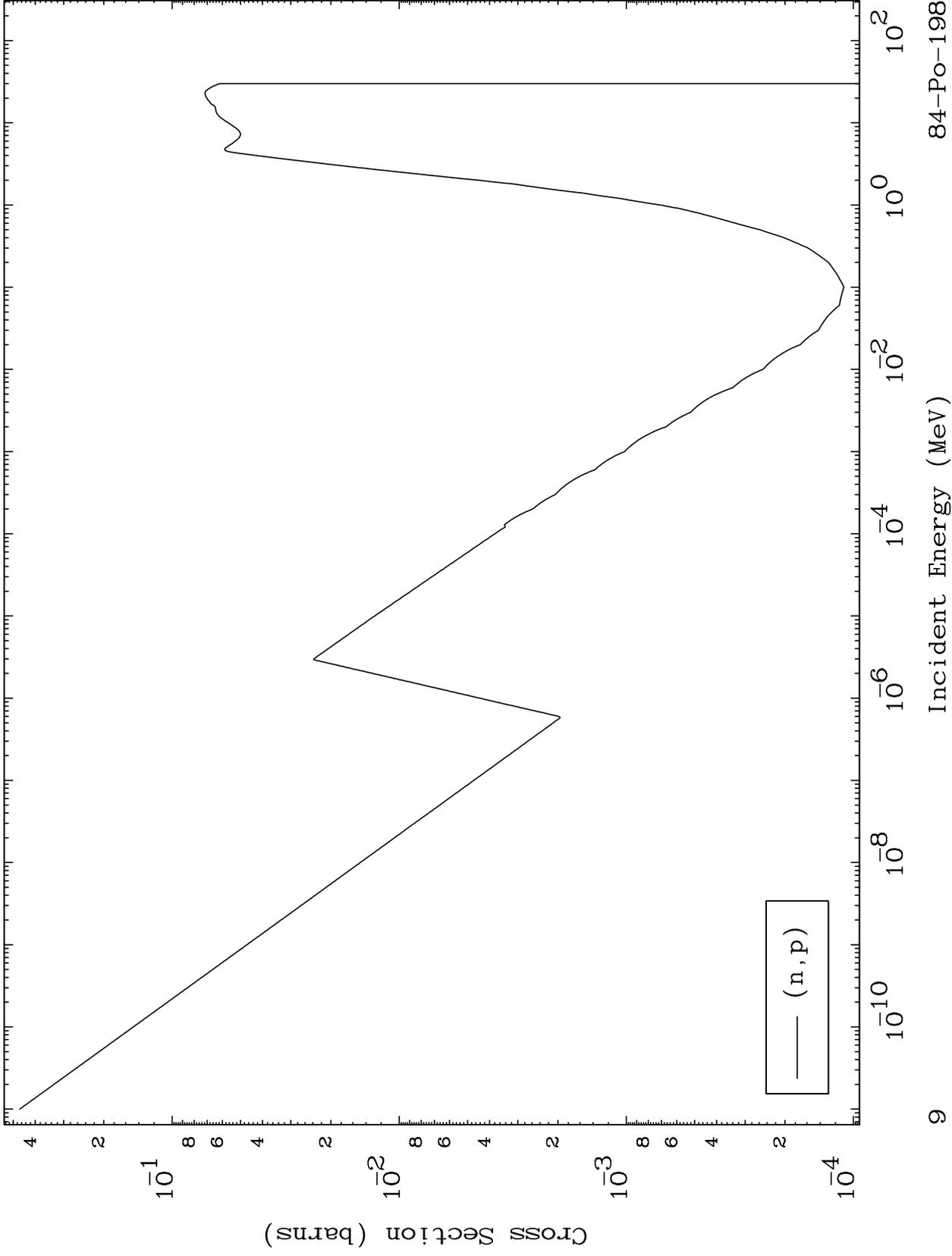
293 Kelvin Cross Sections



MAT 8401

(n,p) Levels  
293 Kelvin Cross Sections

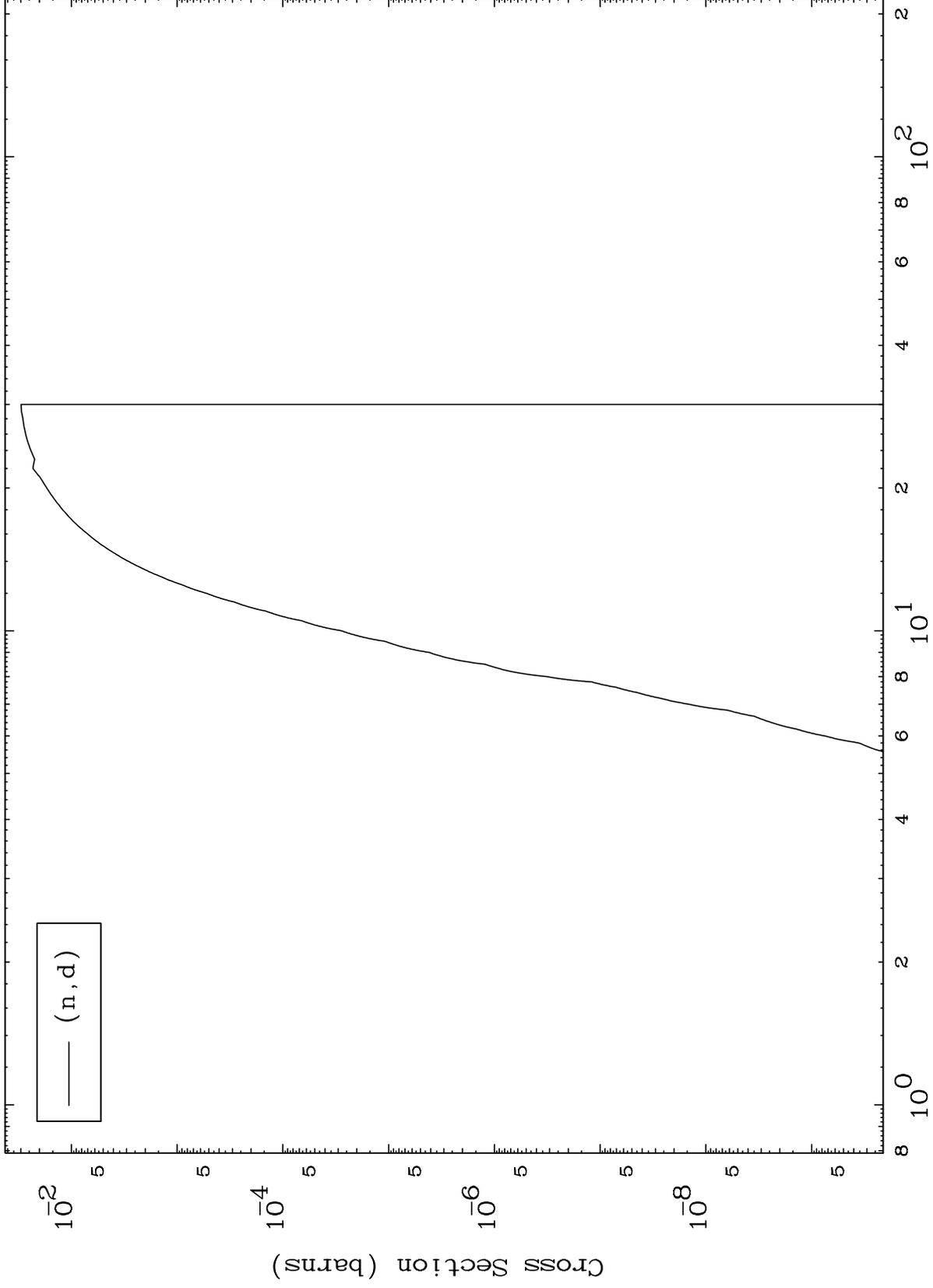
84-Po-198



MAT 8401

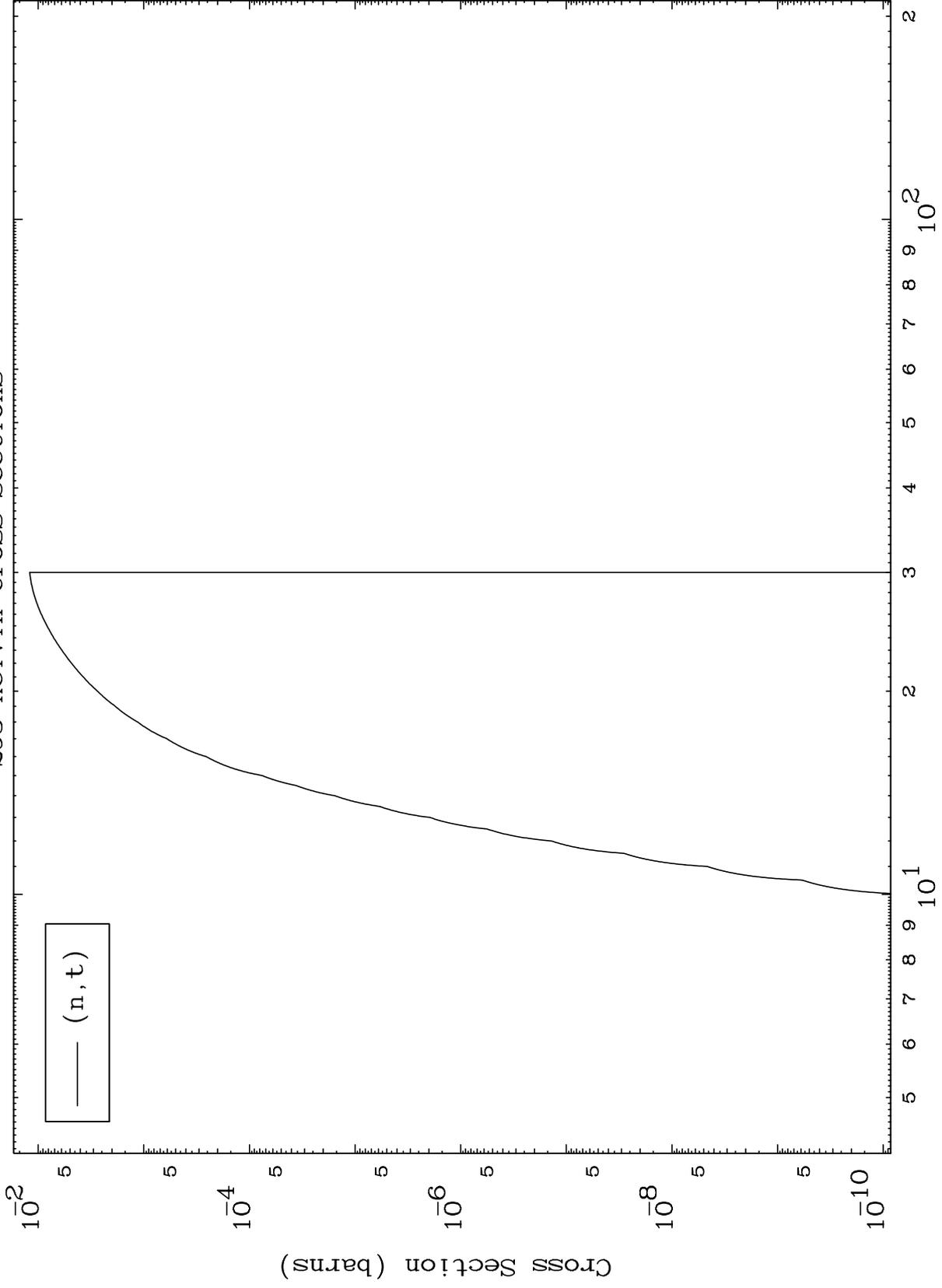
(n,d) Levels  
293 Kelvin Cross Sections

84-Po-198



Incident Energy (MeV)

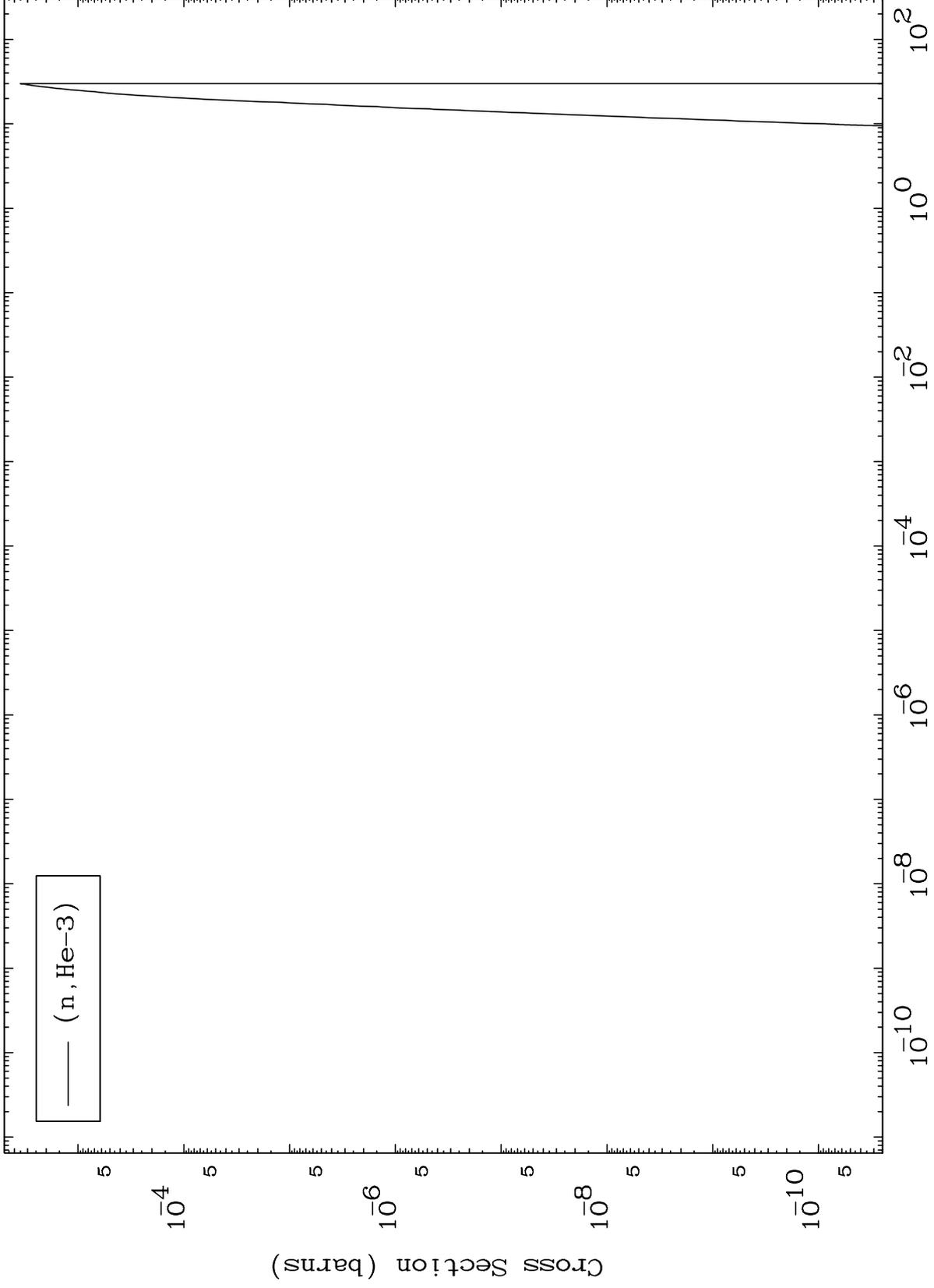
84-Po-198



MAT 8401

(n,He3) Levels  
293 Kelvin Cross Sections

84-Po-198



12

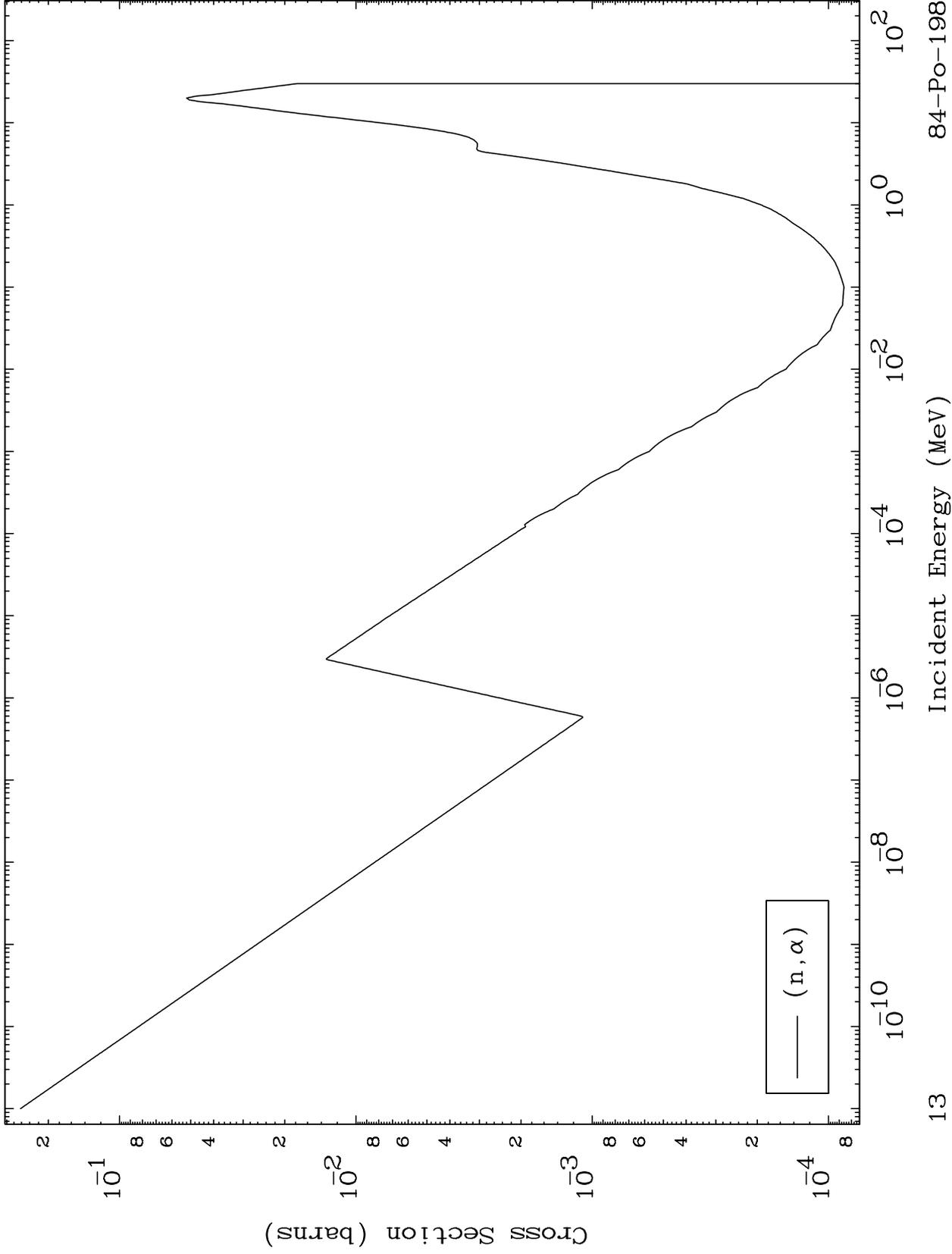
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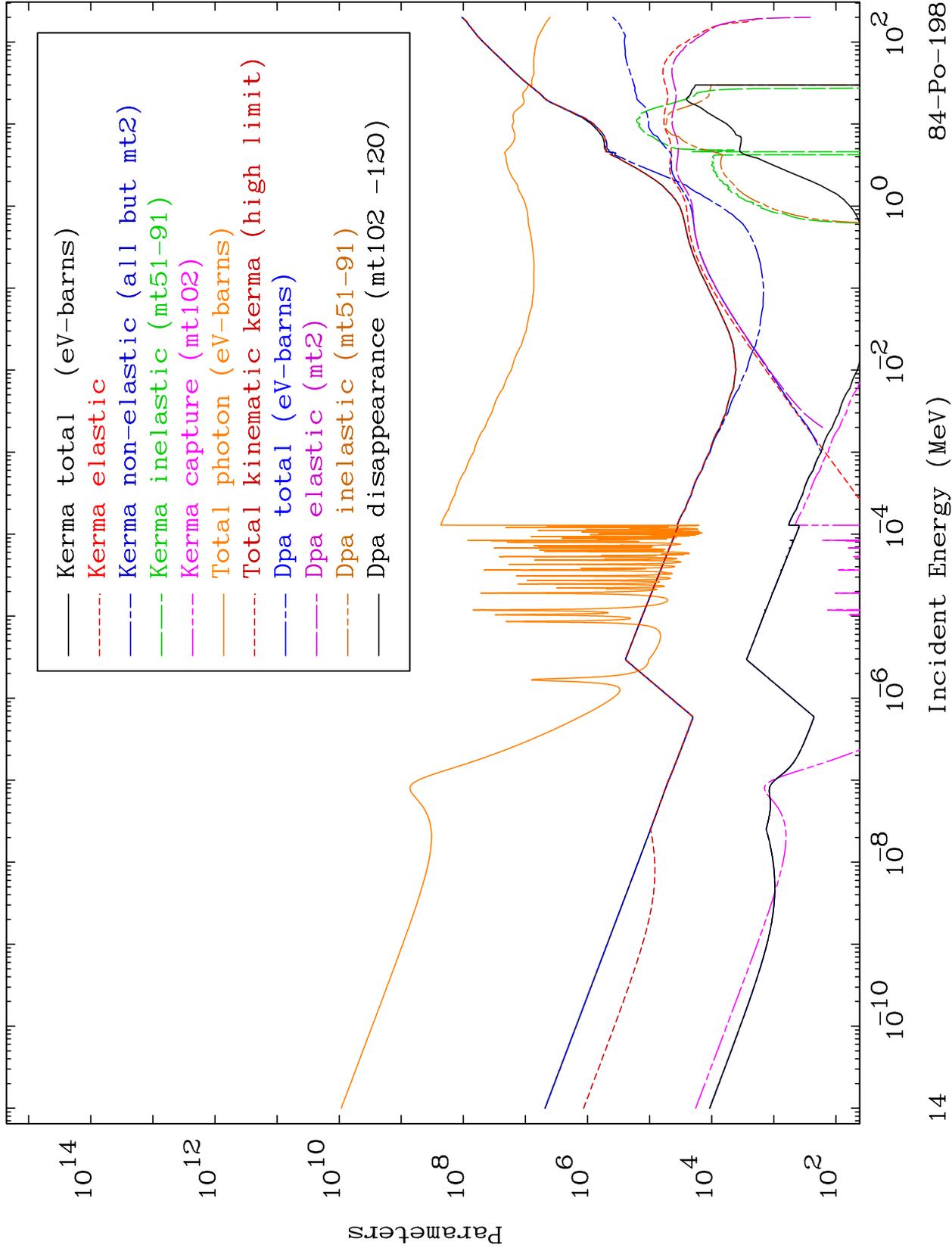
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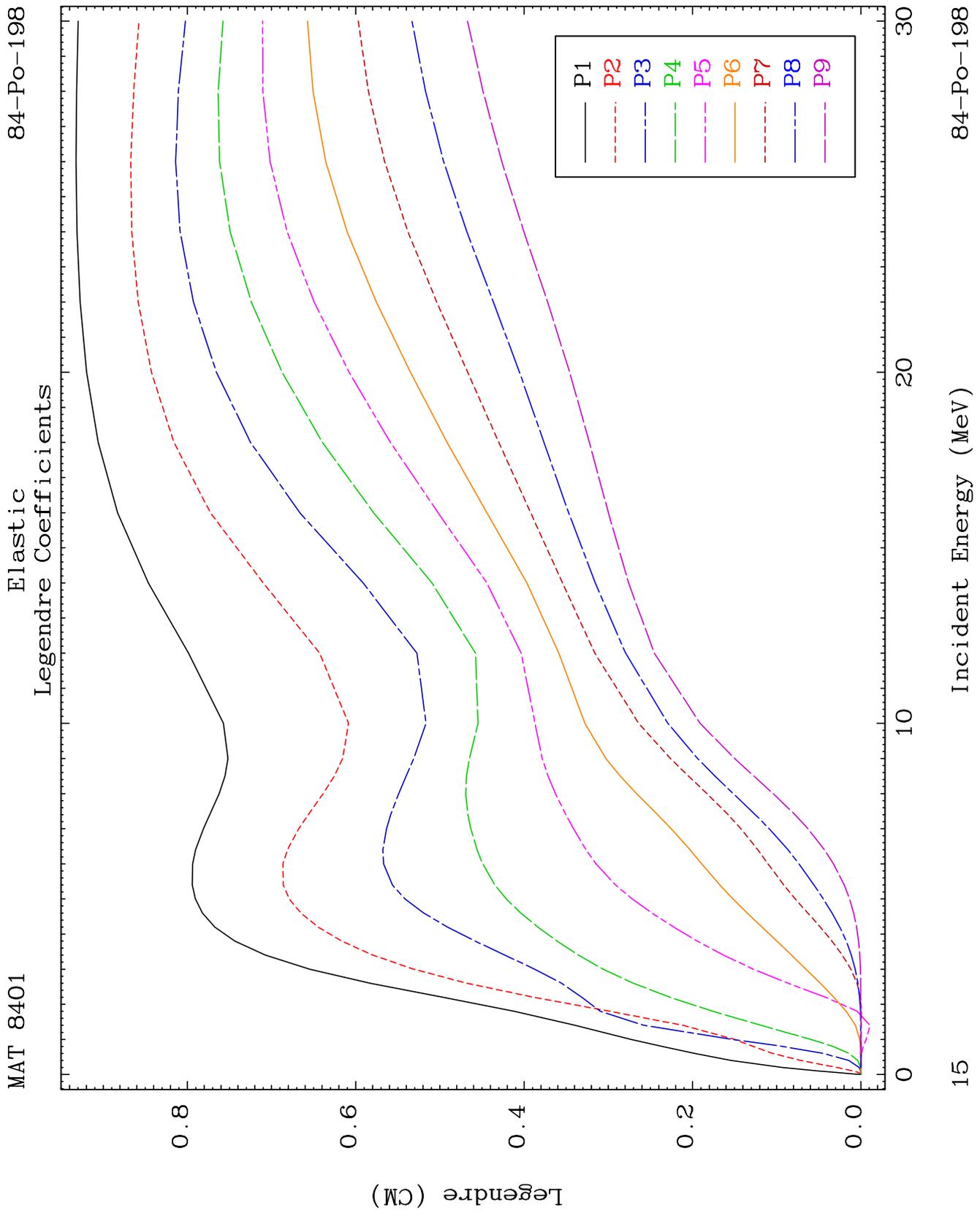
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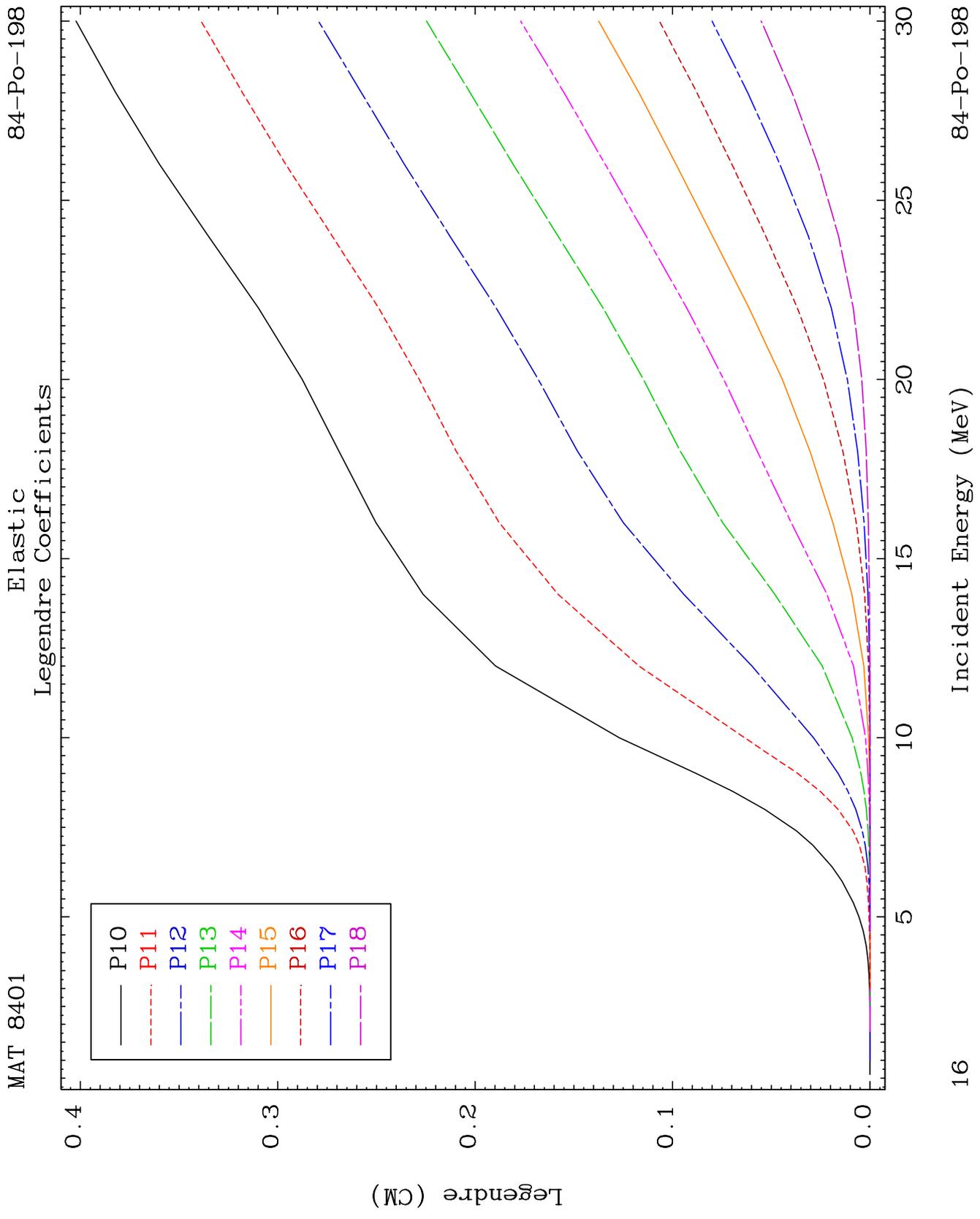
(n,α) Levels  
293 Kelvin Cross Sections

84-Po-198





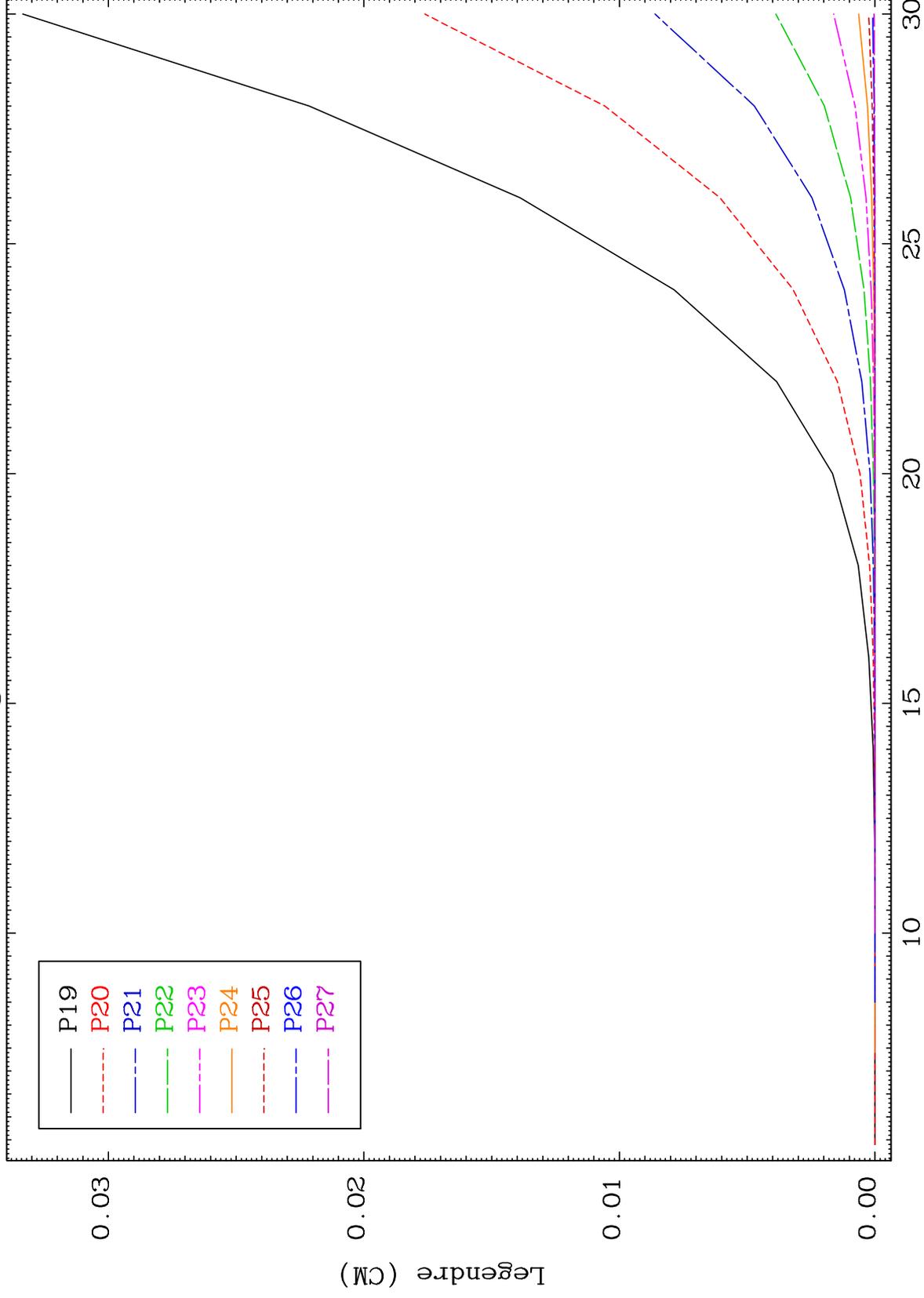




MAT 8401

Elastic  
Legendre Coefficients

84-Po-198



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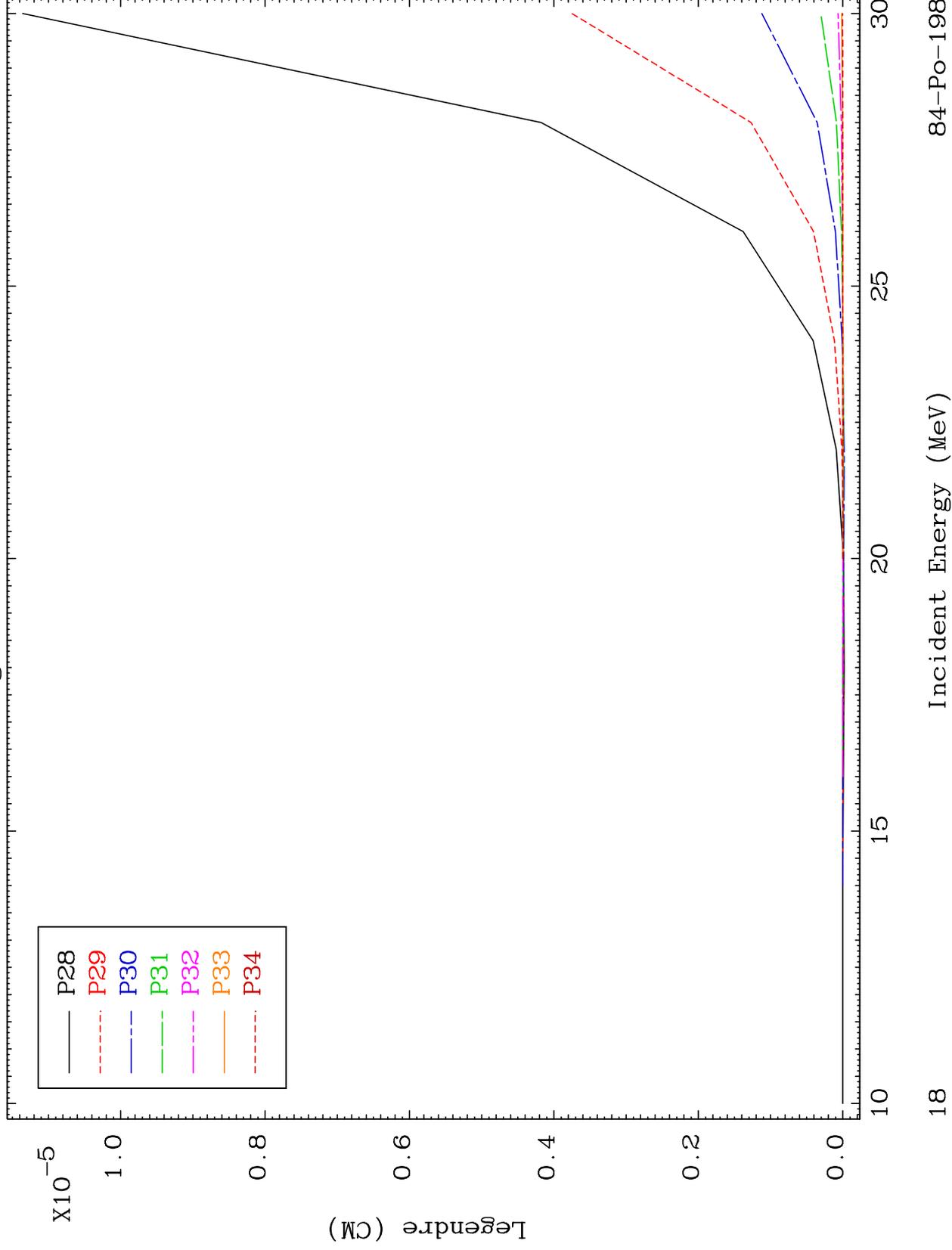
Incident Energy (MeV)

84-Po-198

MAT 8401

Elastic  
Legendre Coefficients

84-Po-198

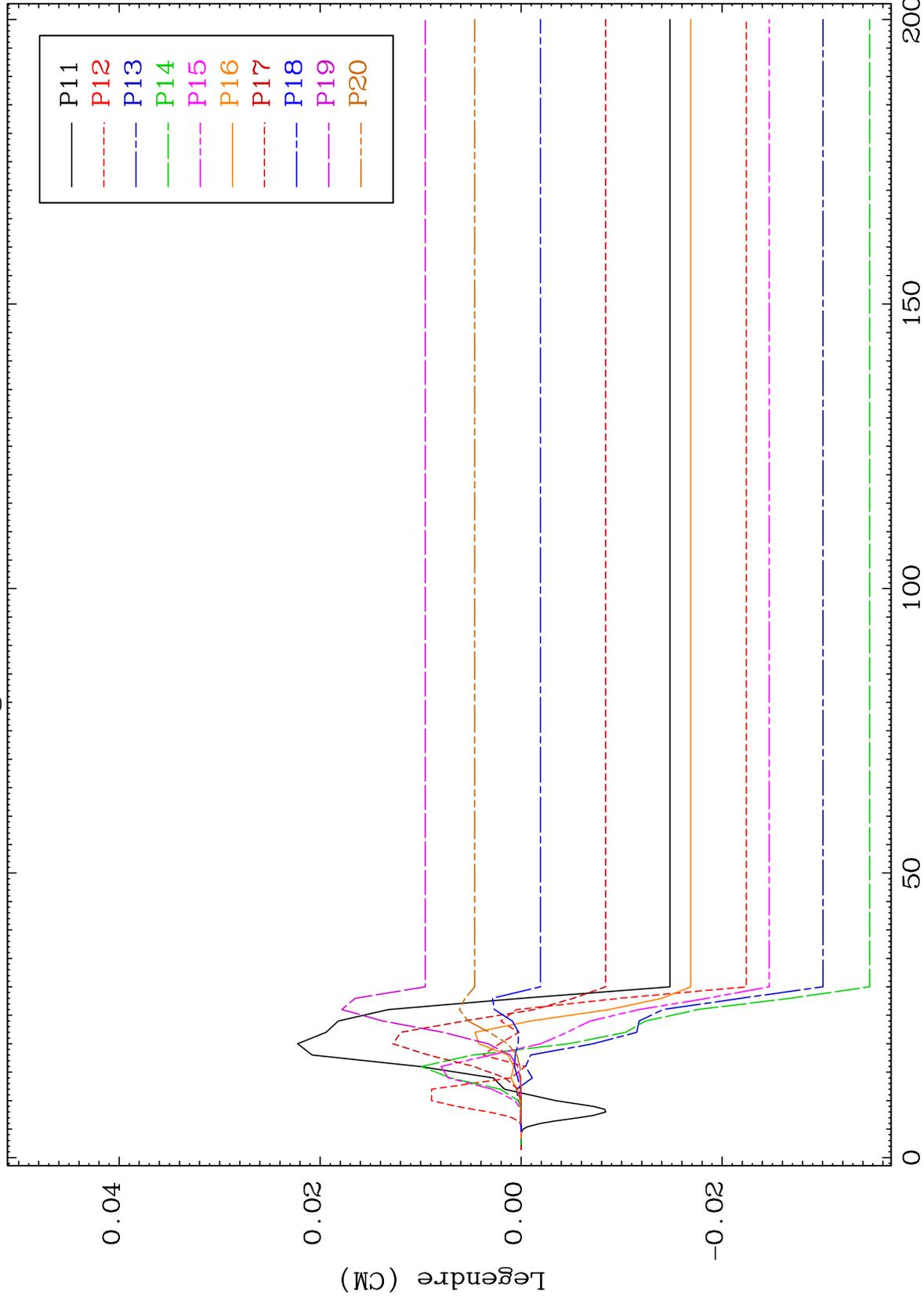




MAT 8401

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

84-Po-198



20

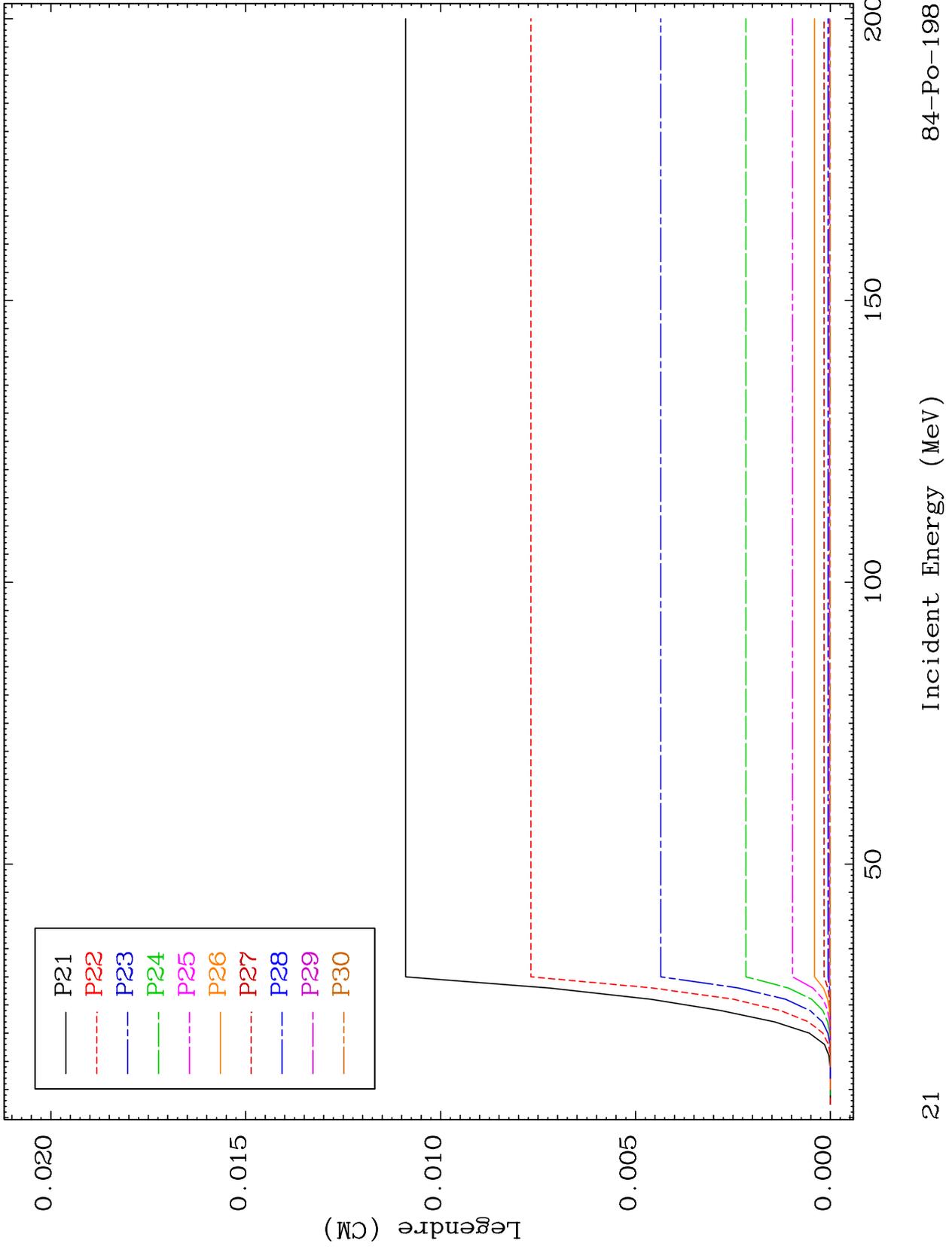
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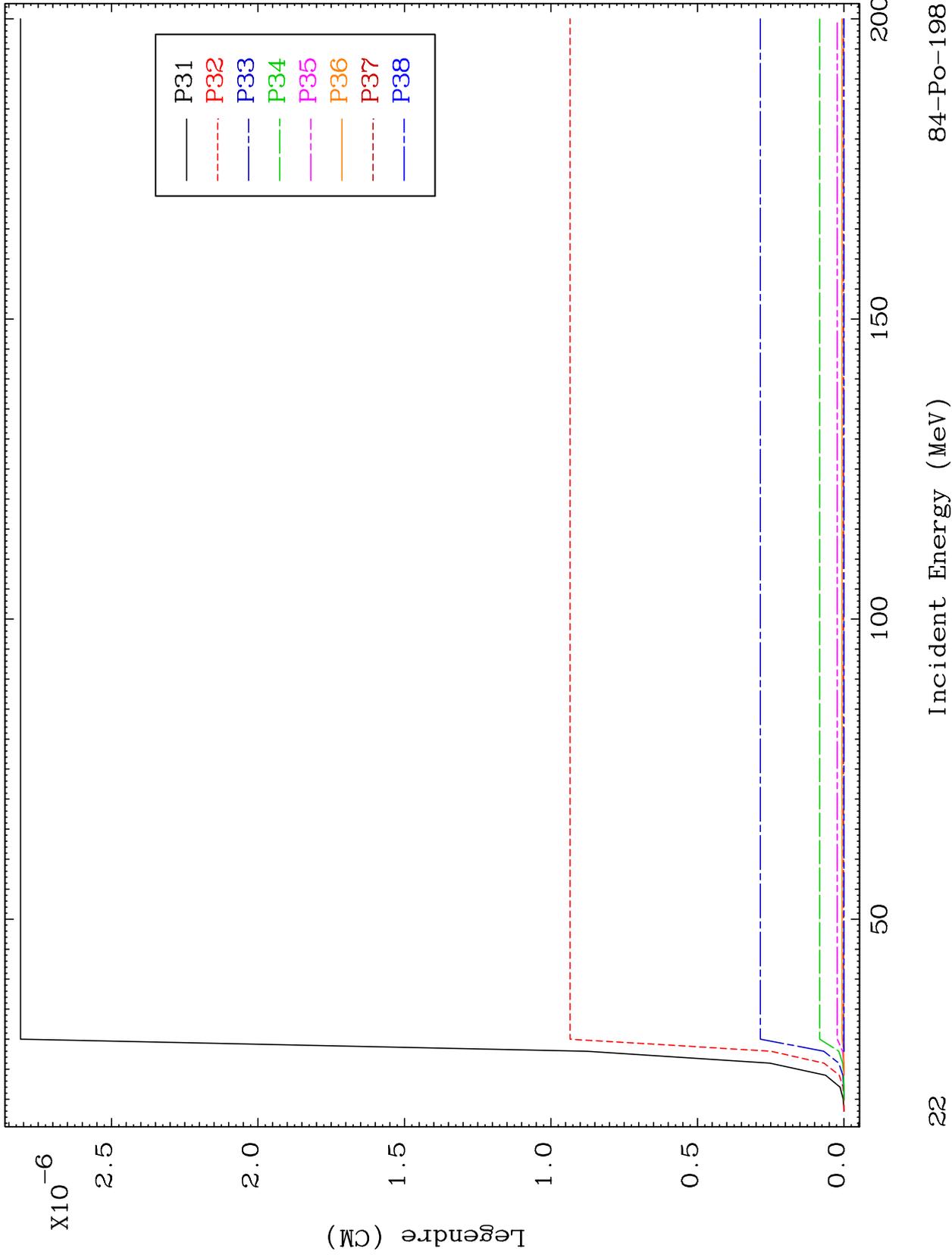
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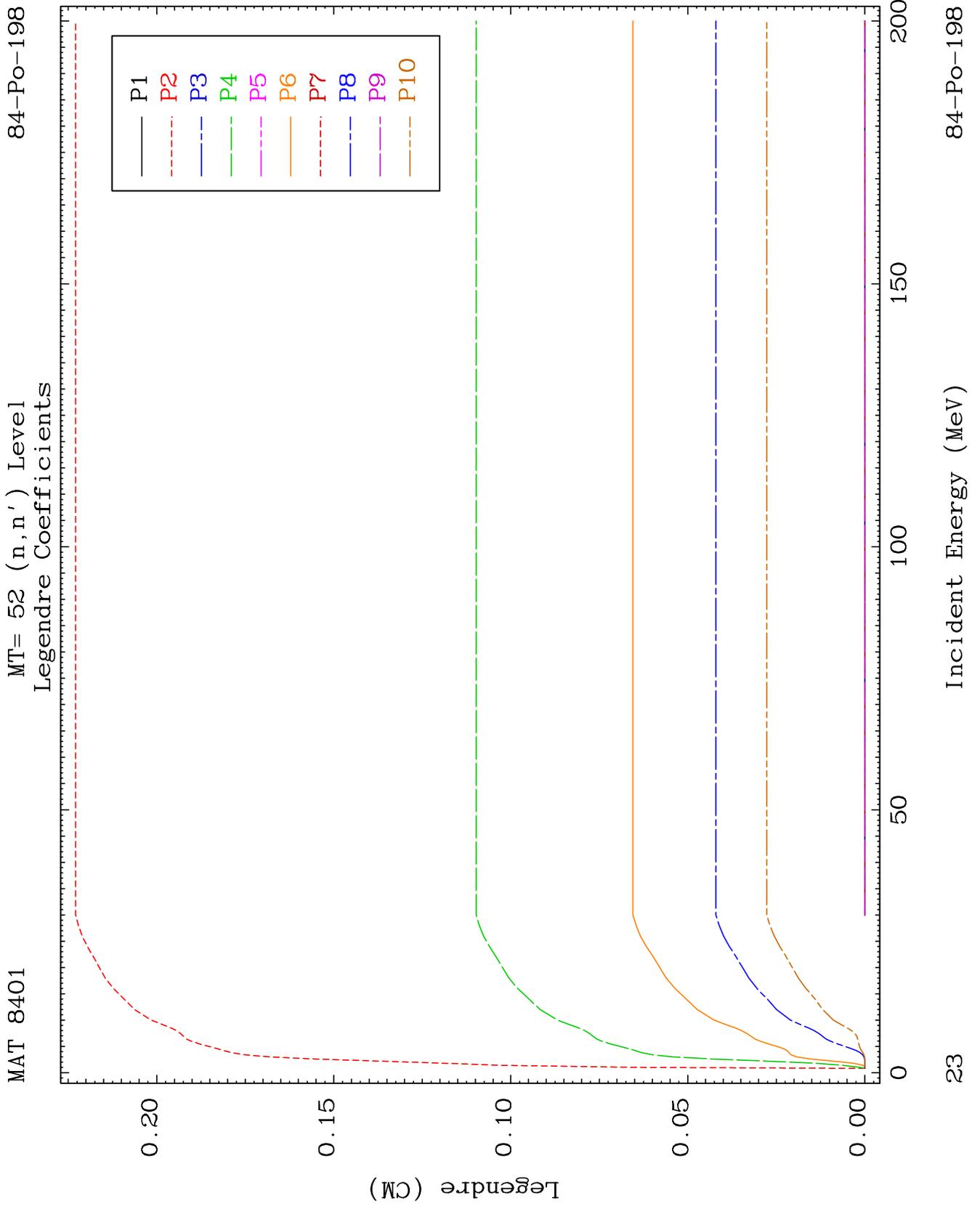
MAT 8401

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

84-Po-198



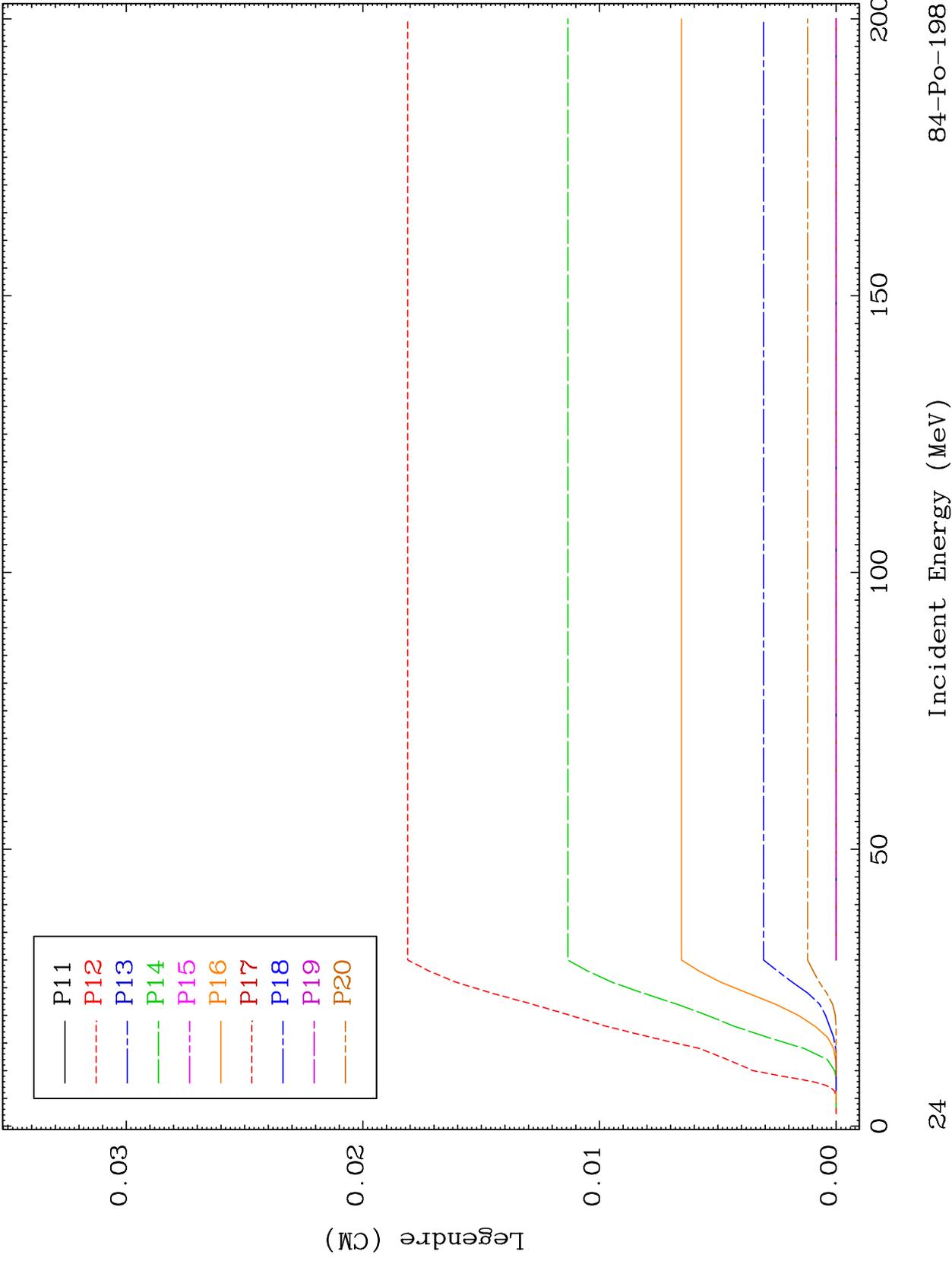




MAT 8401

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Legendre Coefficients

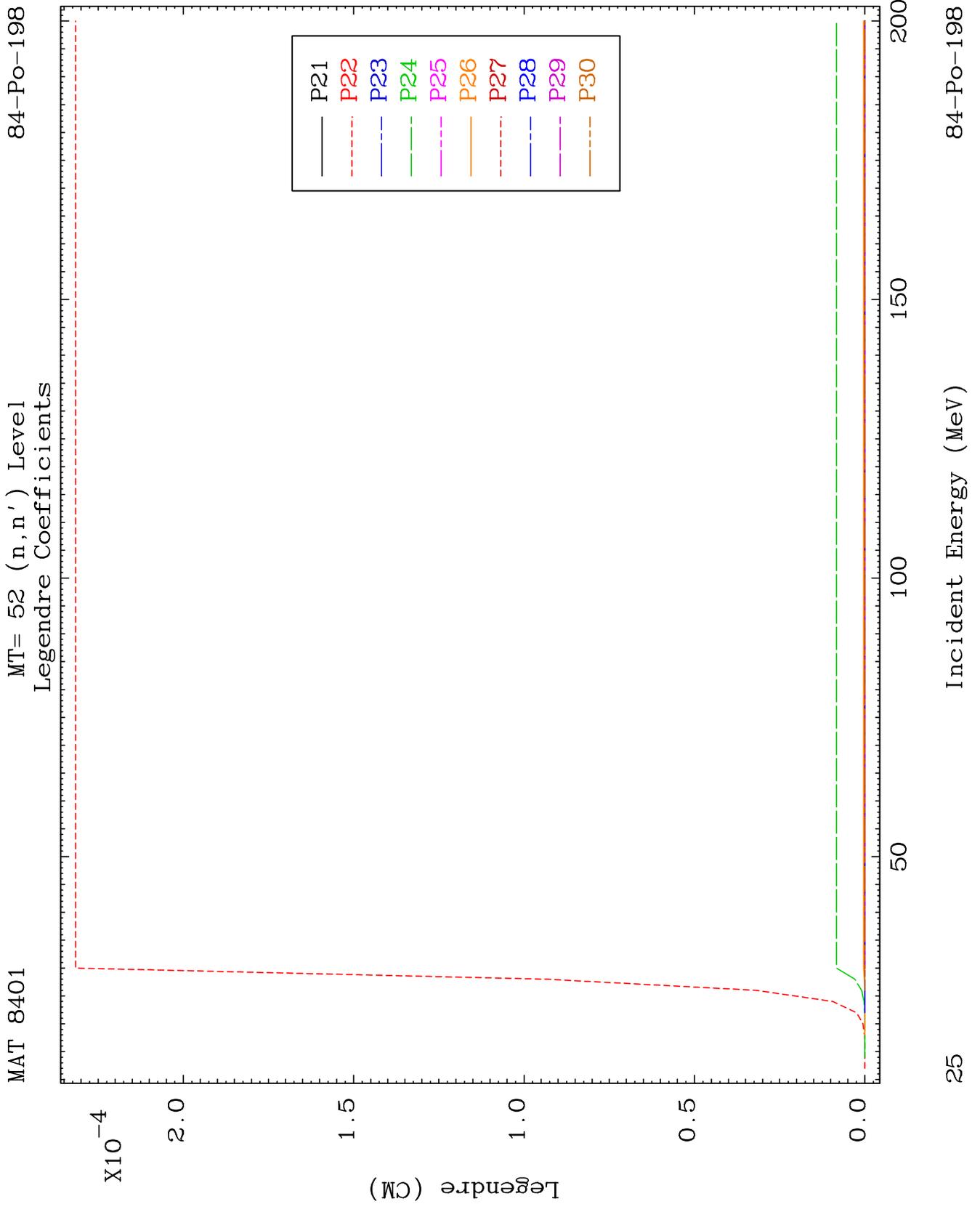
84-Po-198



24

Incident Energy (MeV)

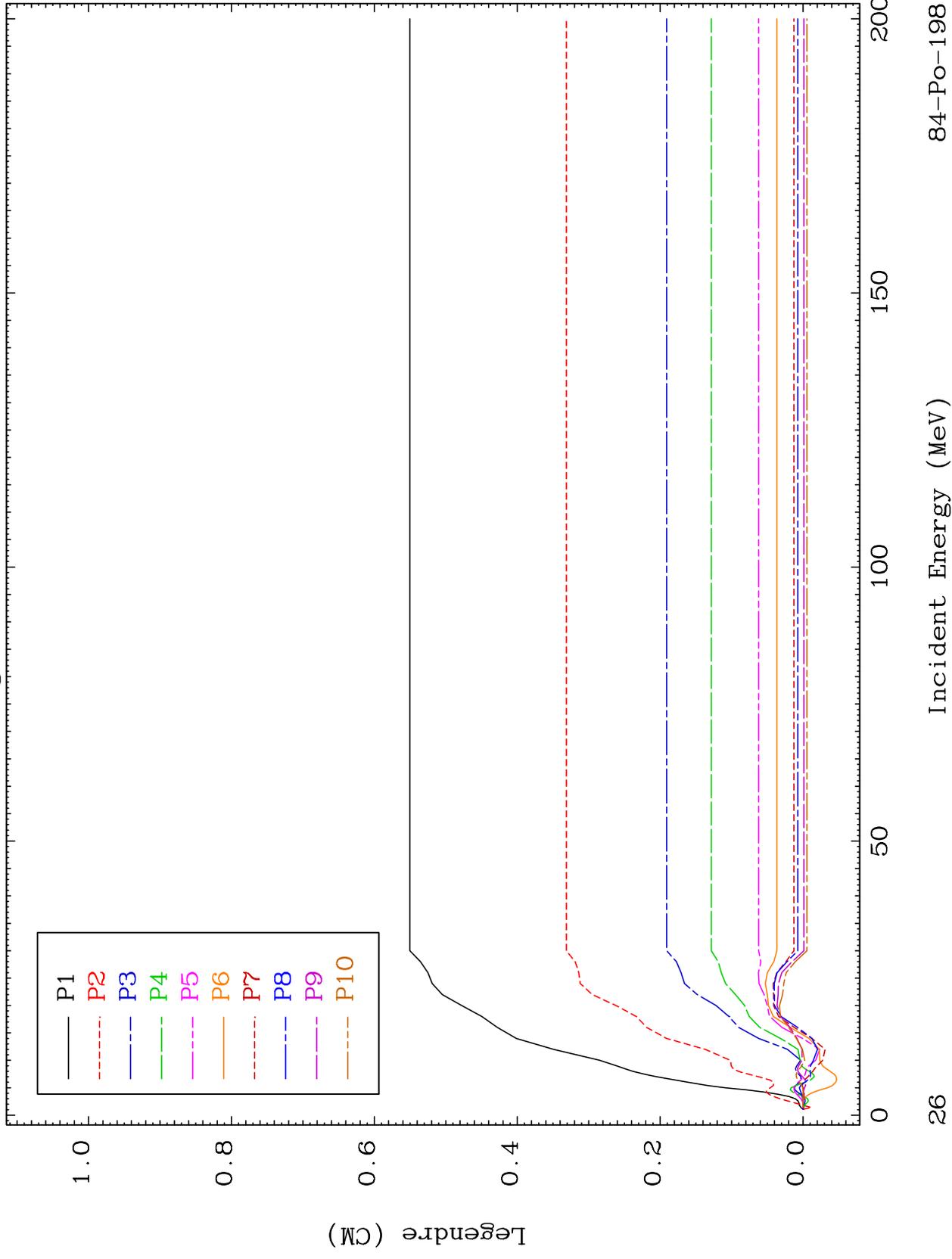
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MAT 8401

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

84-Po-198



26

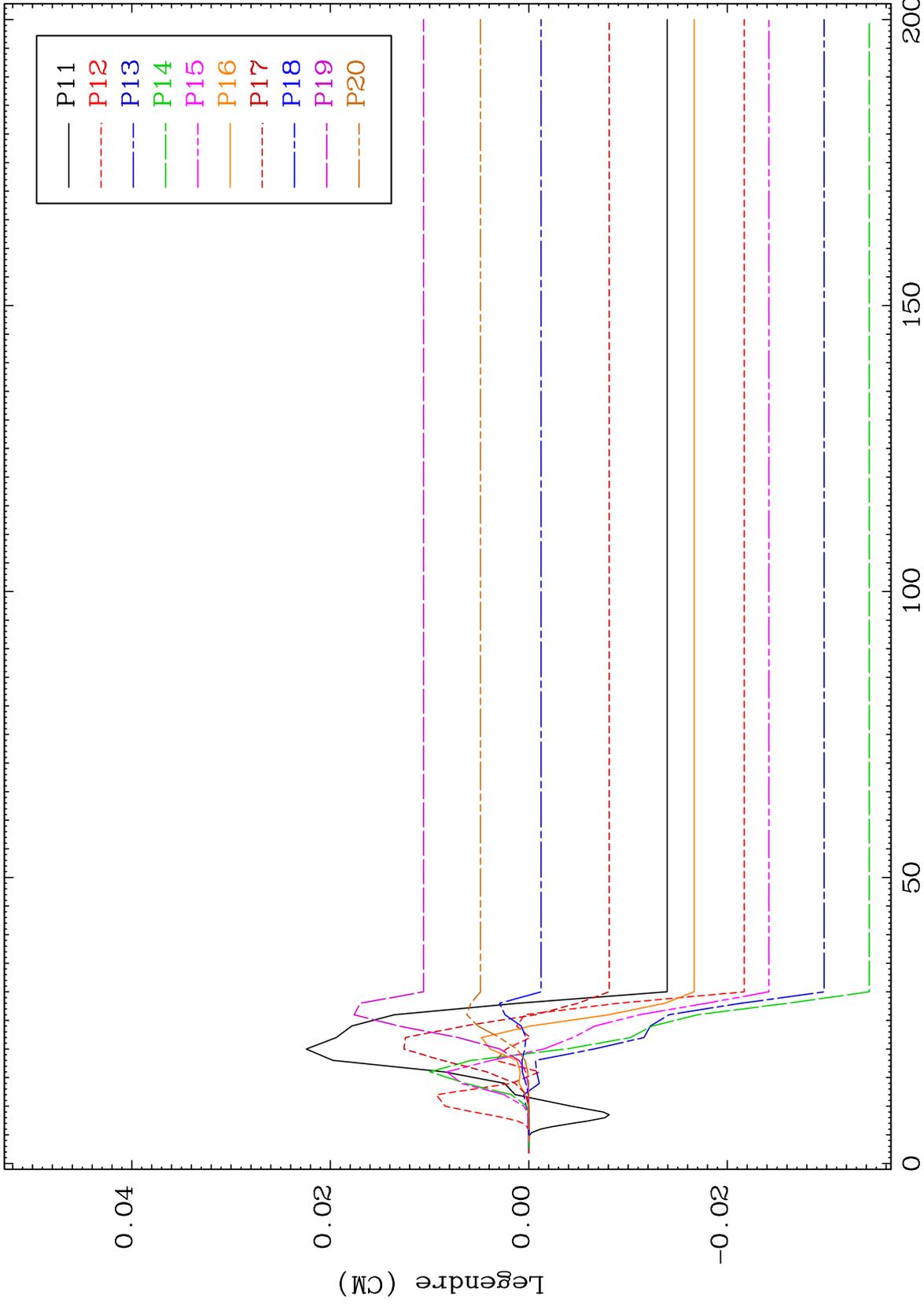
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



27

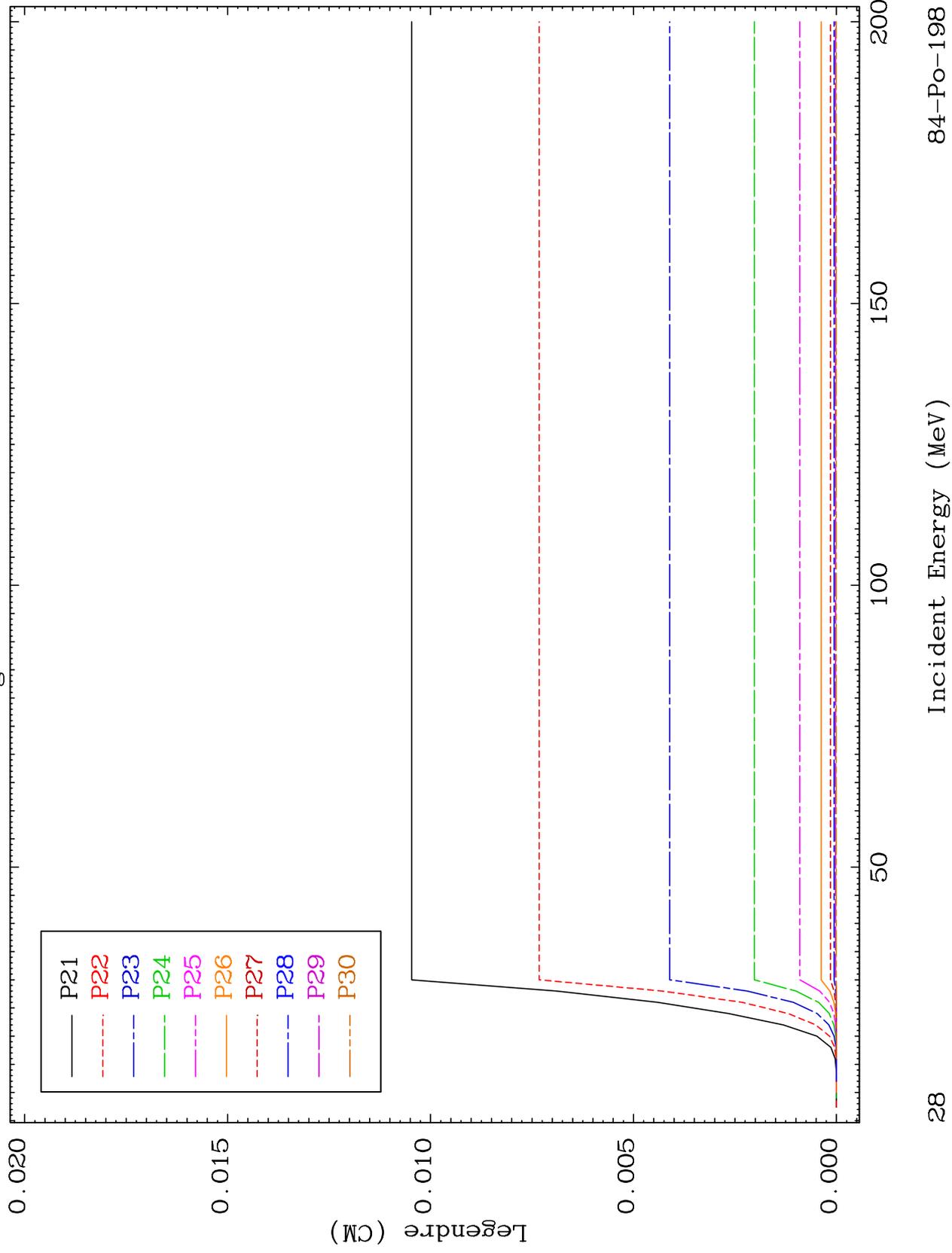
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



28

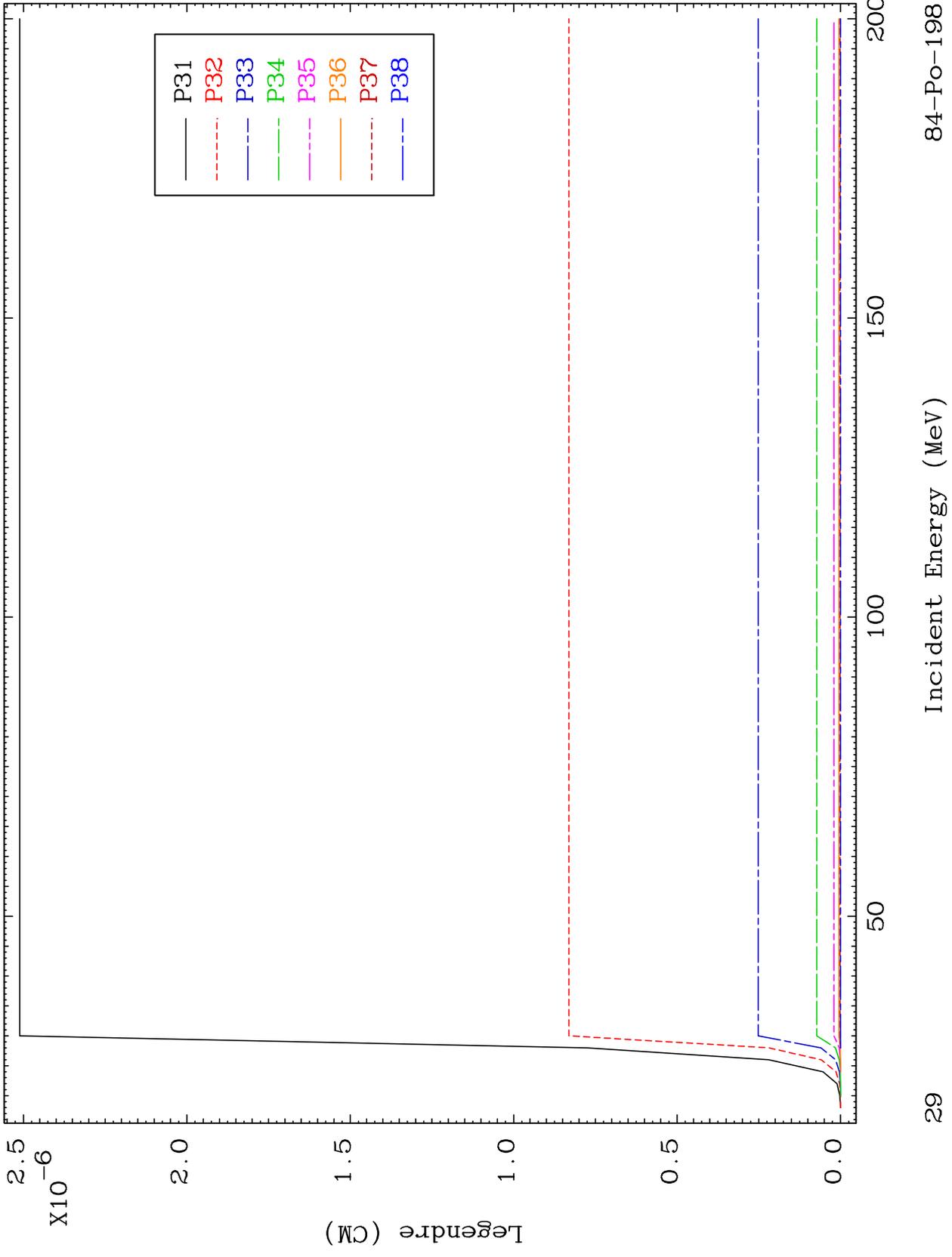
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



29

Incident Energy (MeV)

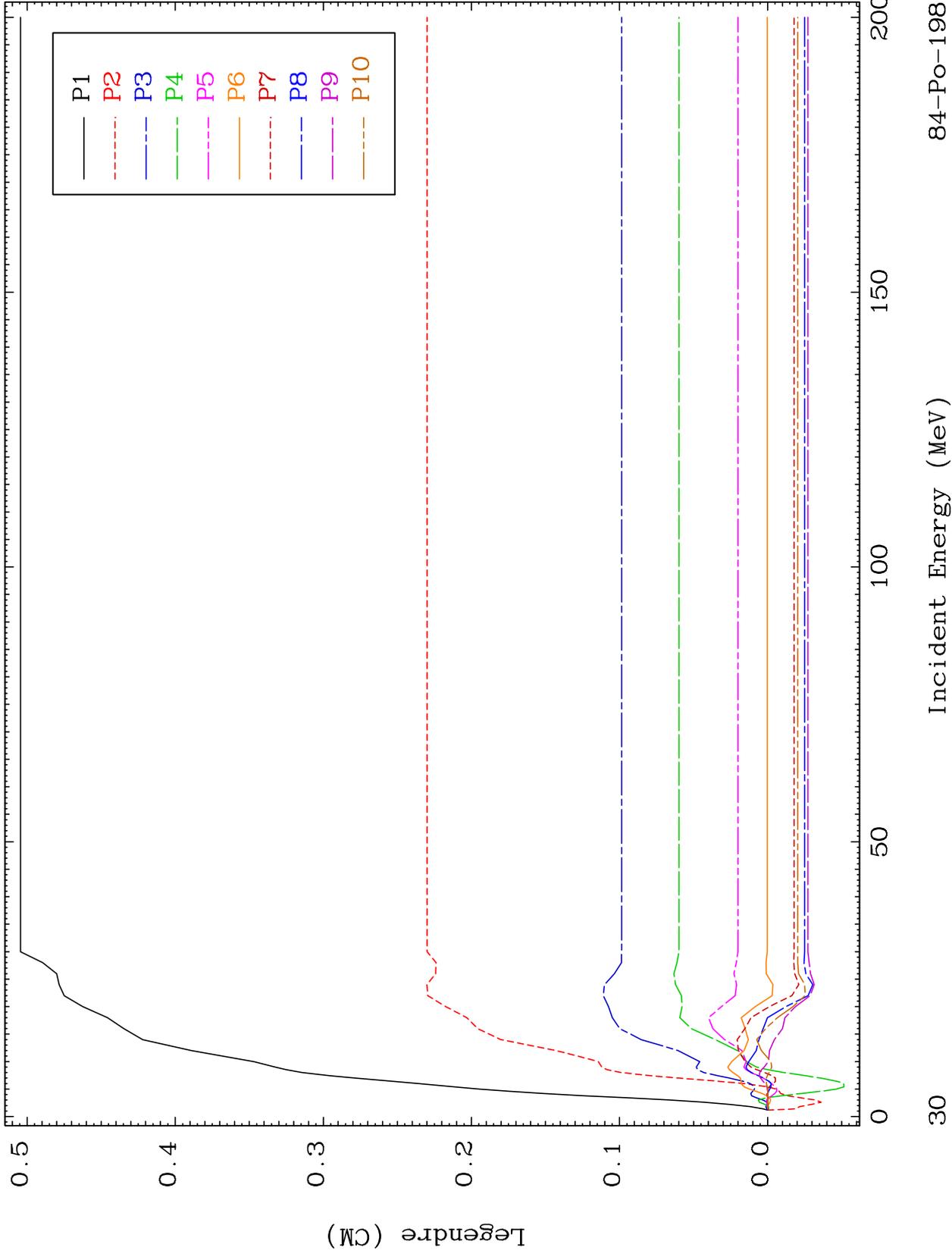
84-Po-198

MAT 8401

MT= 54 (n,n') Level

84-Po-198

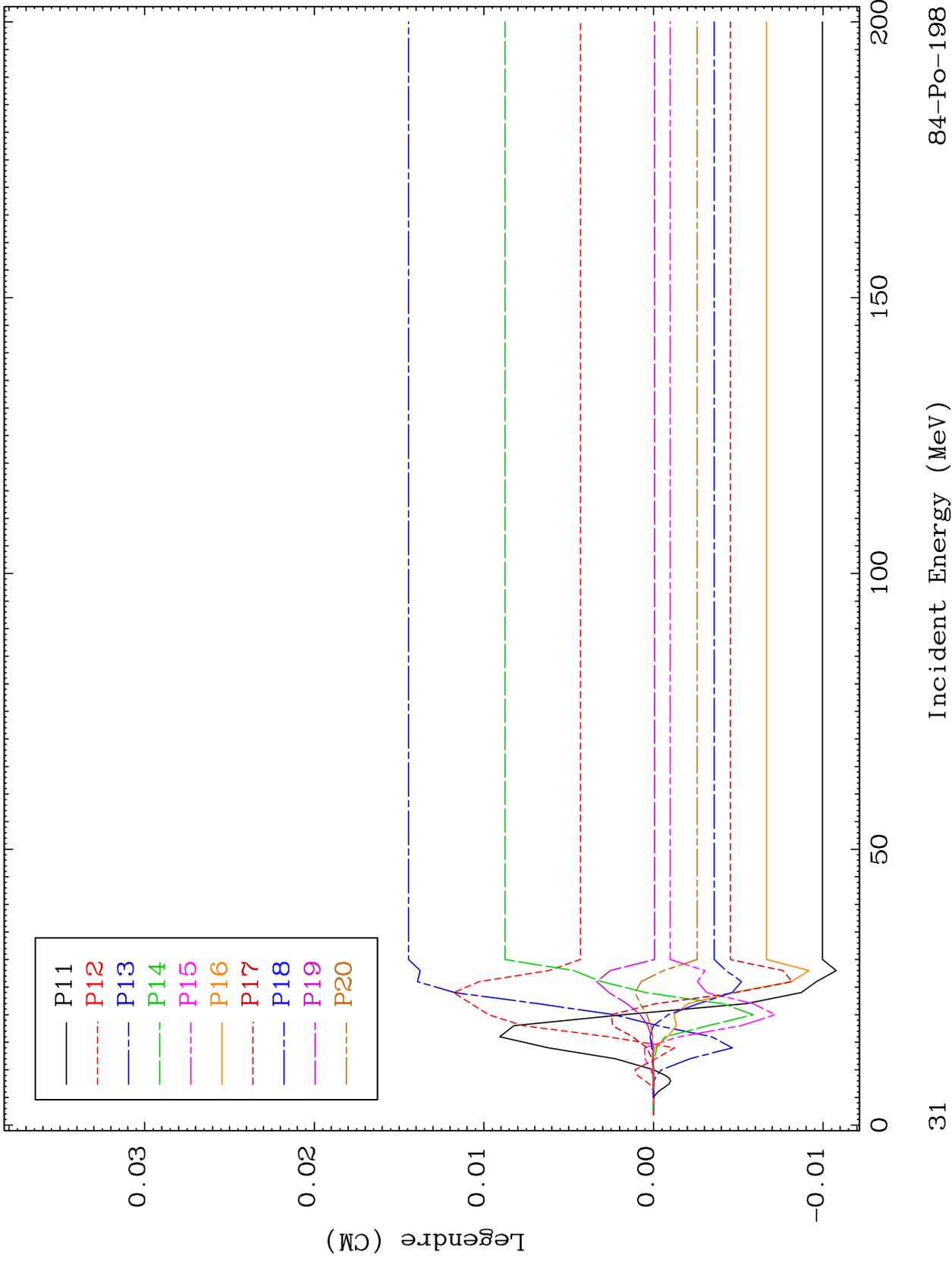
Legendre Coefficients



MAT 8401

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

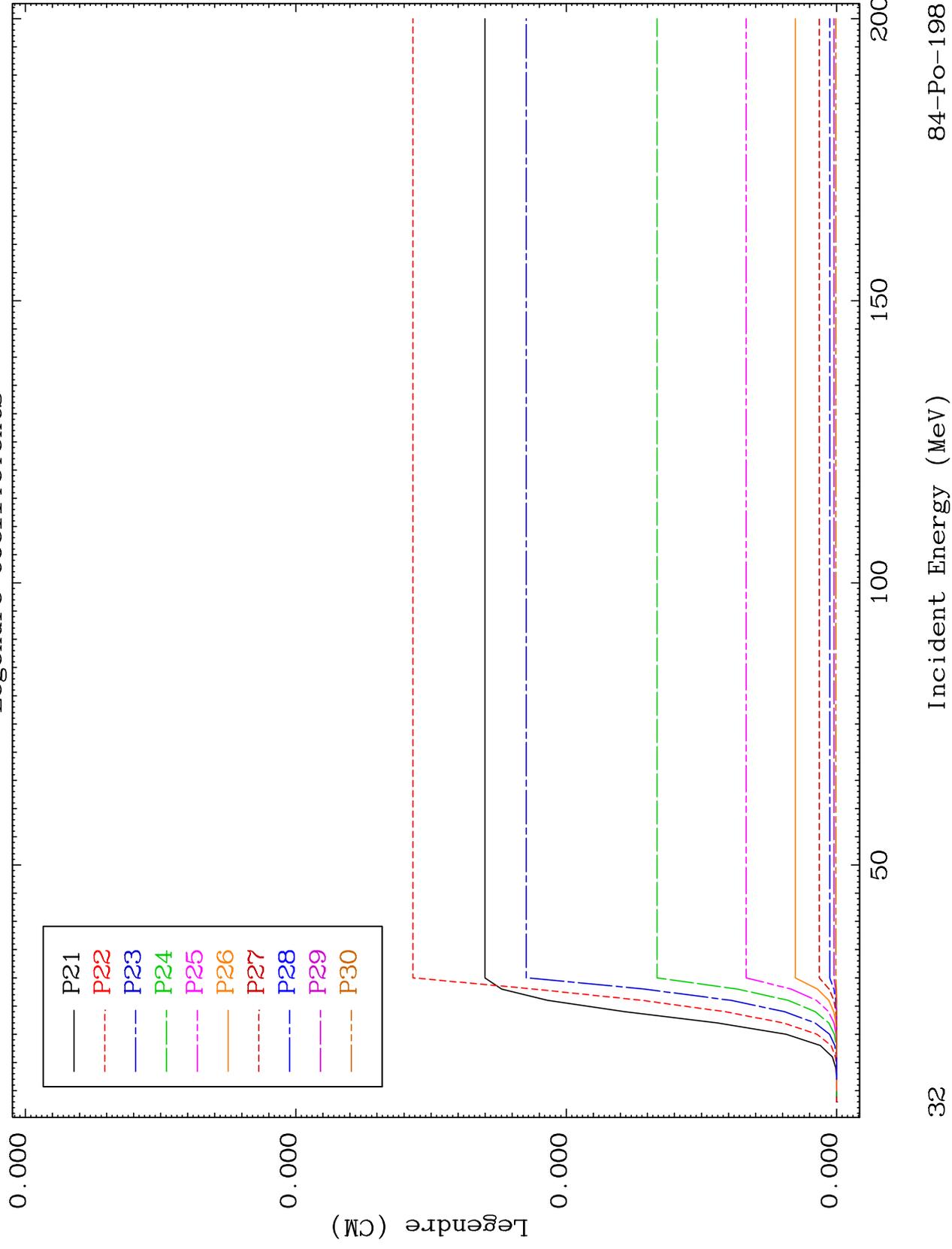
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MAT 8401

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

84-Po-198



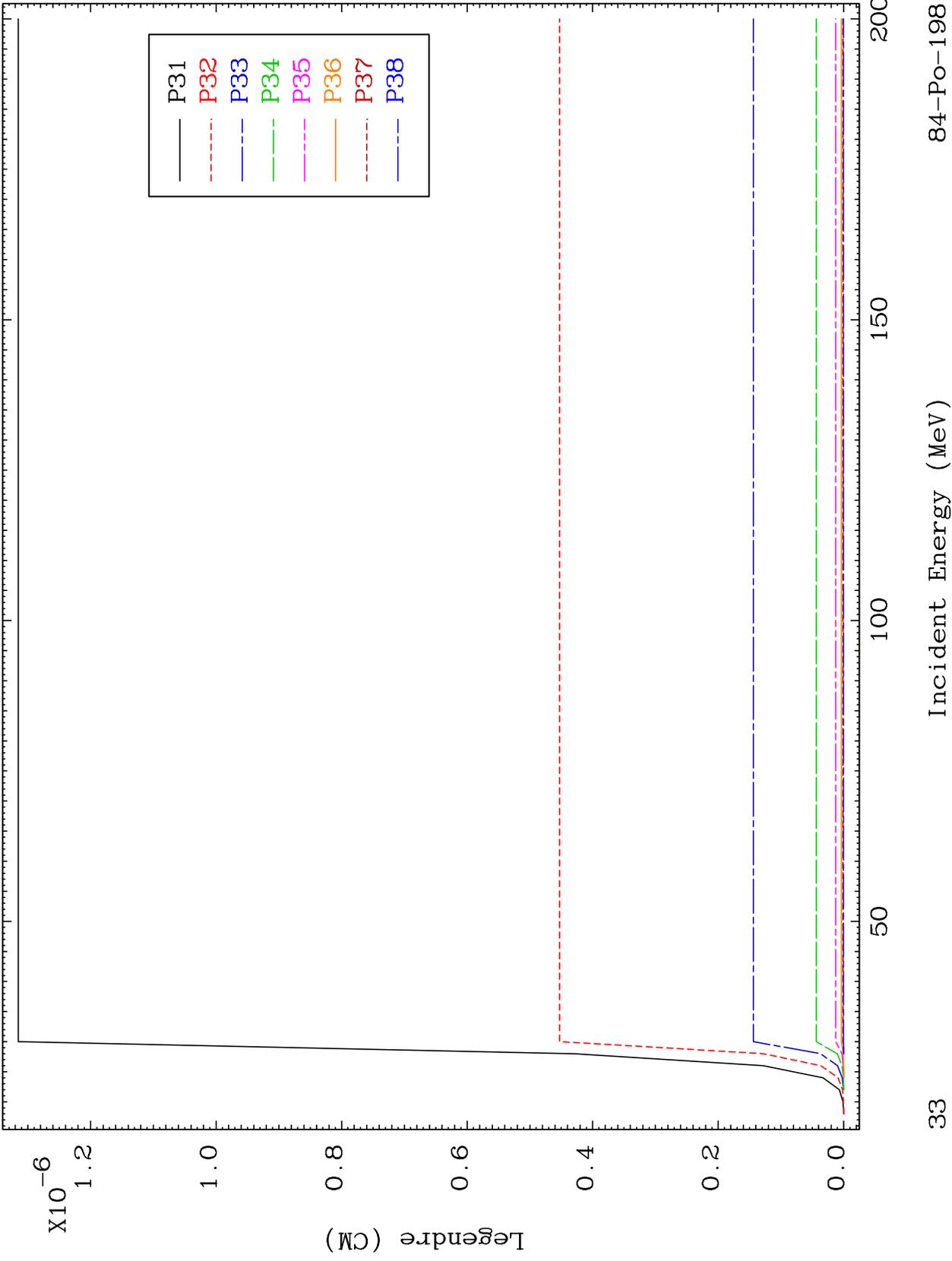
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84-Po-198

MAT 8401

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

84-Po-198

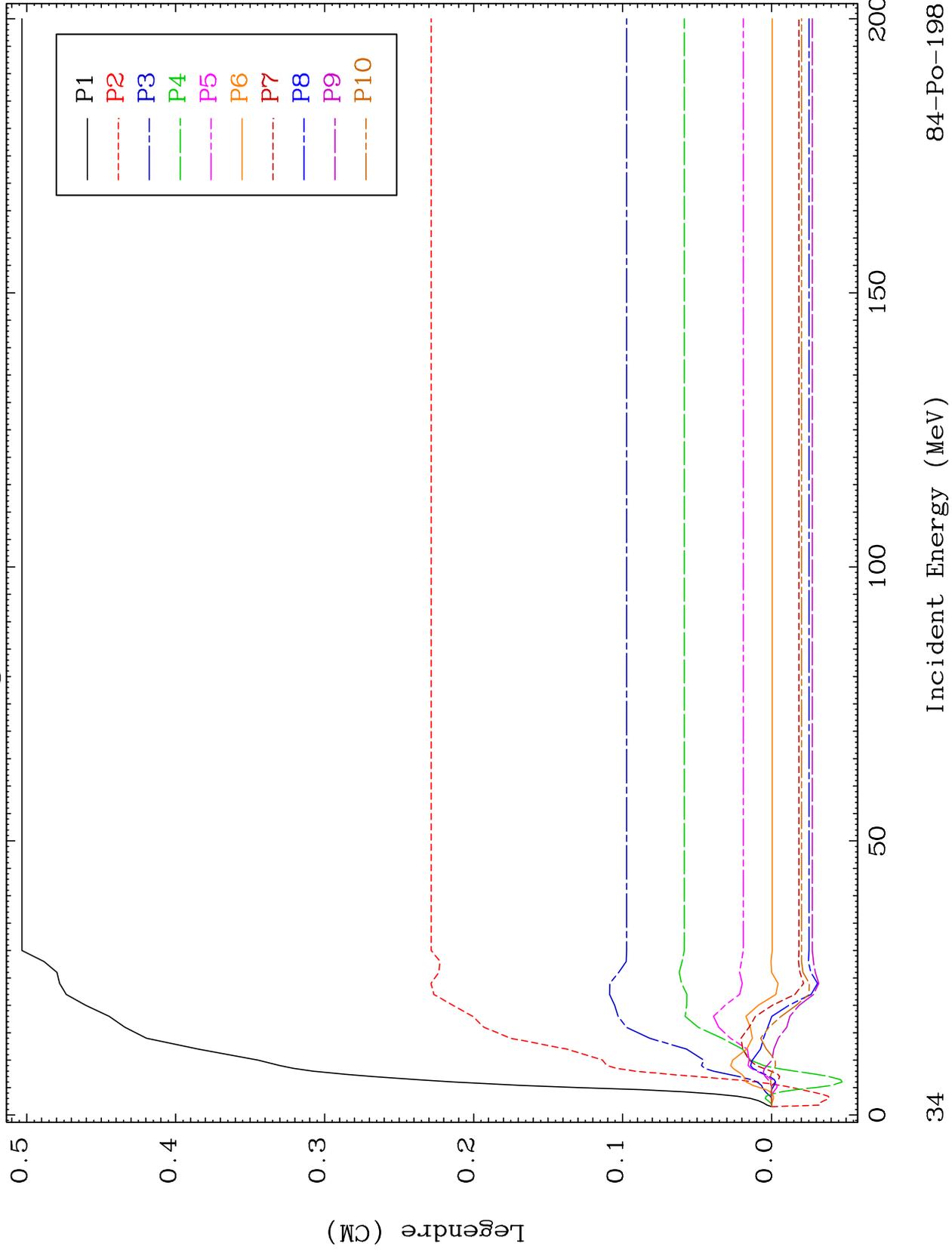


33

MAT 8401

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

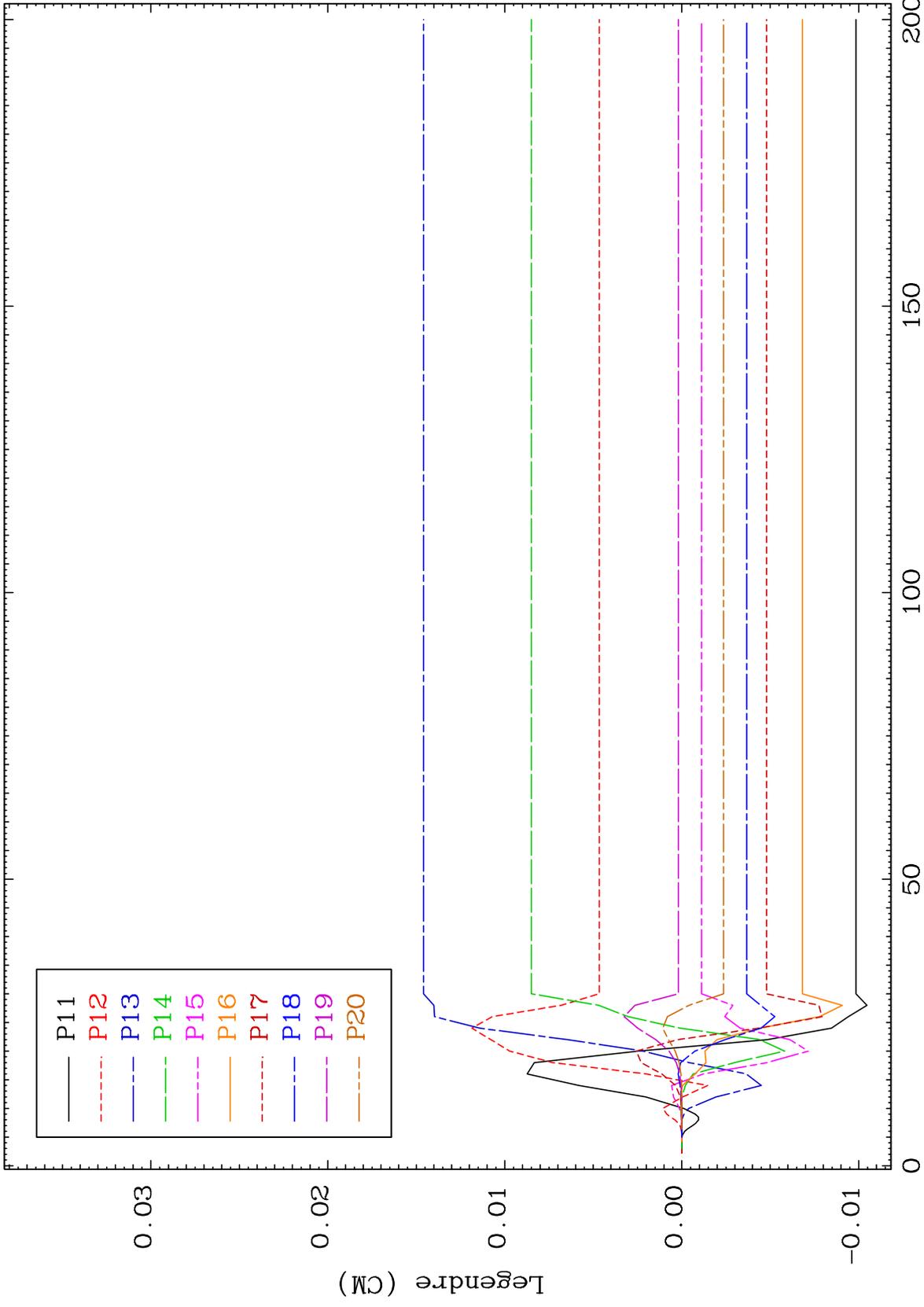
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MAT 8401

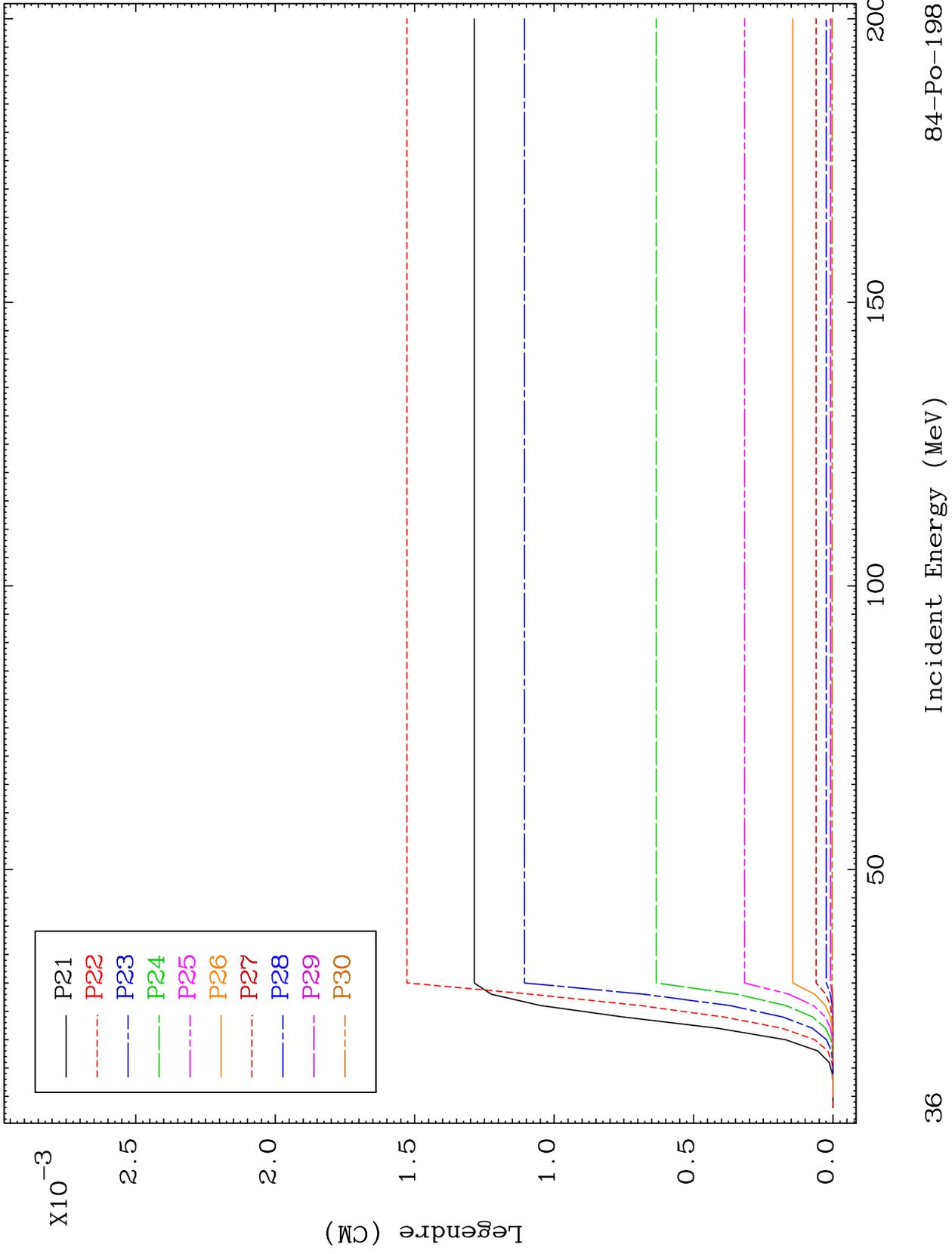
MT= 55 (n,n') Level  
Legendre Coefficients

84-Po-198



35

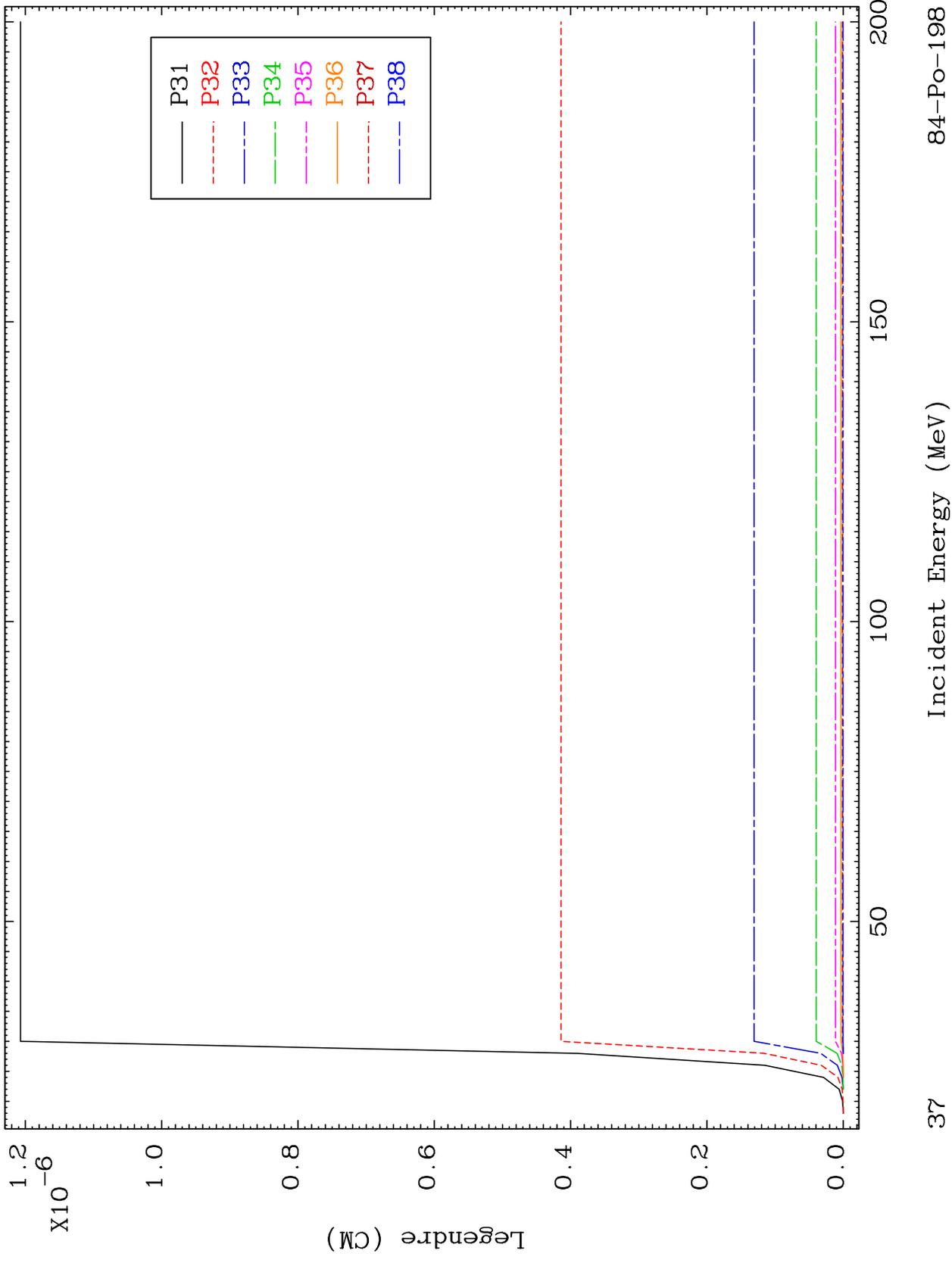
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MAT 8401

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

84-Po-198



37

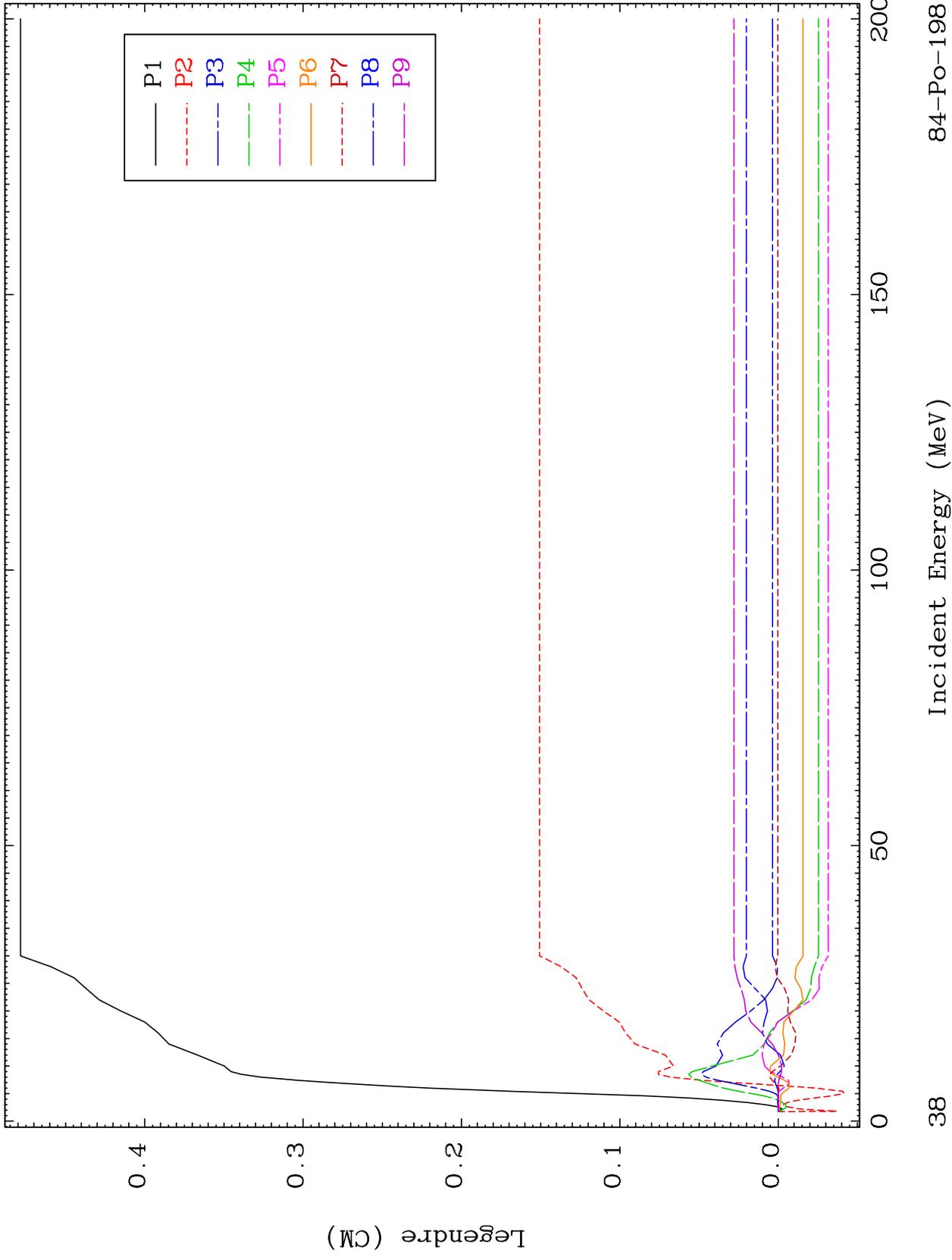
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



38

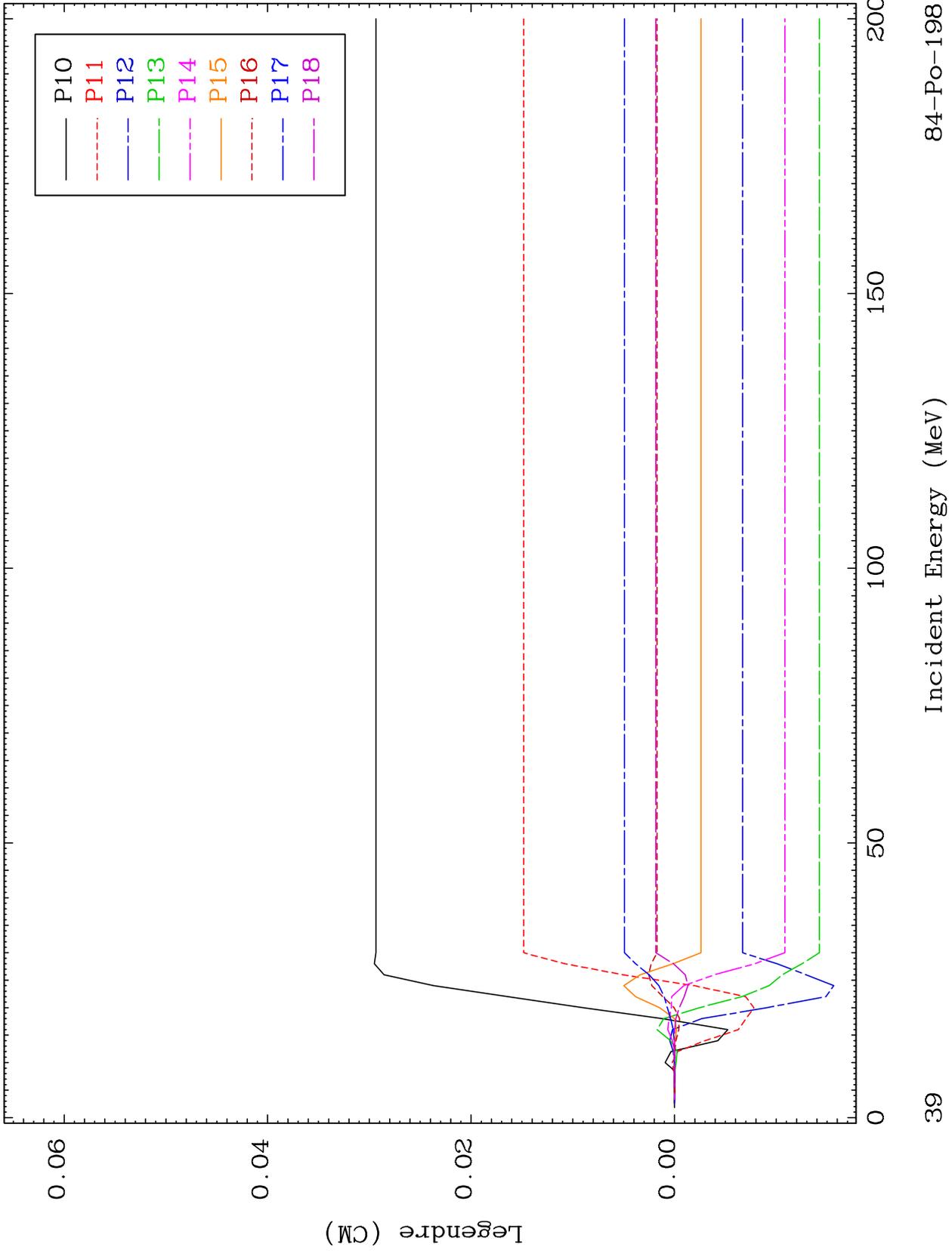
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



84-Po-198

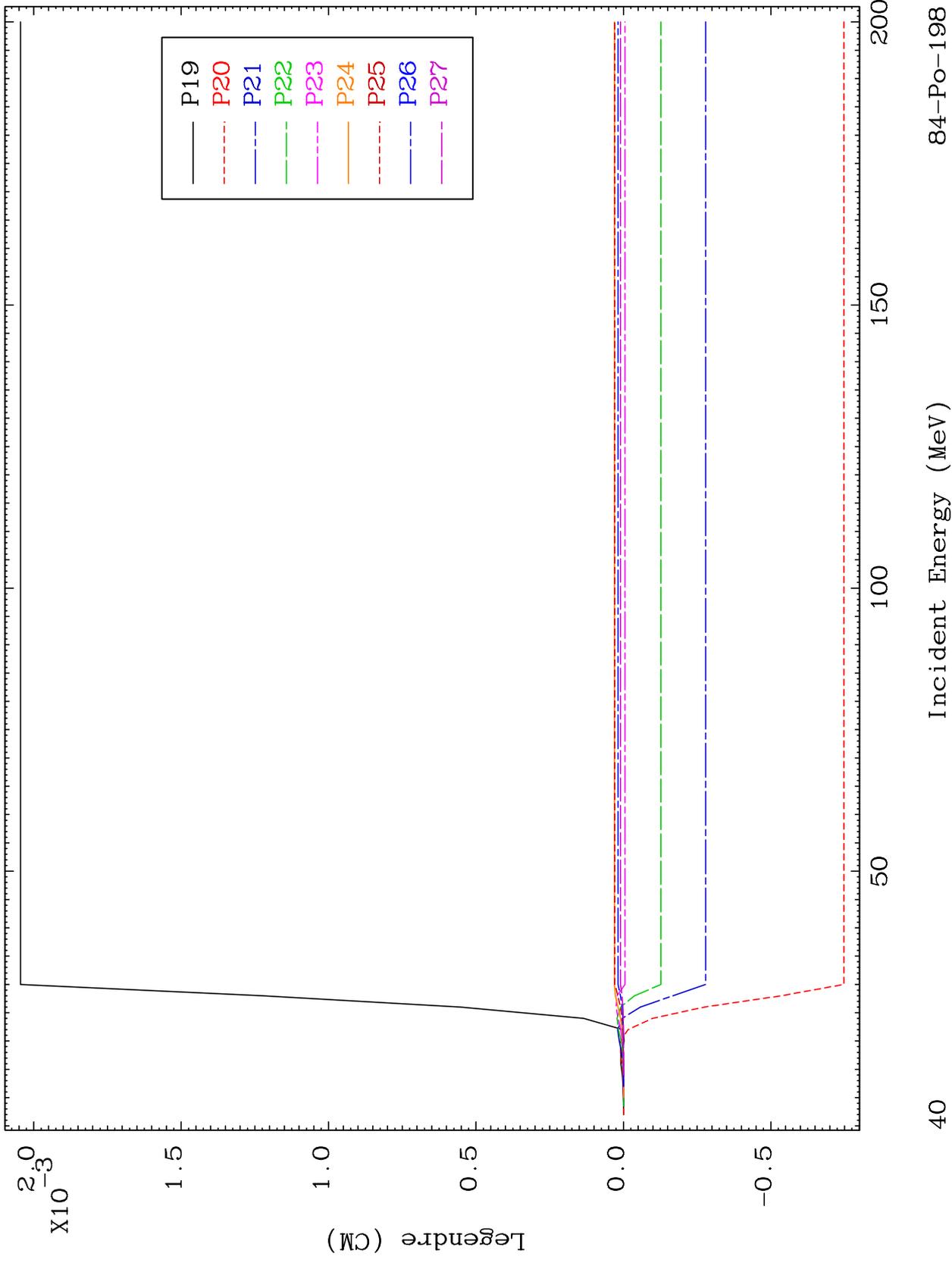
Incident Energy (MeV)

39

MAT 8401

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

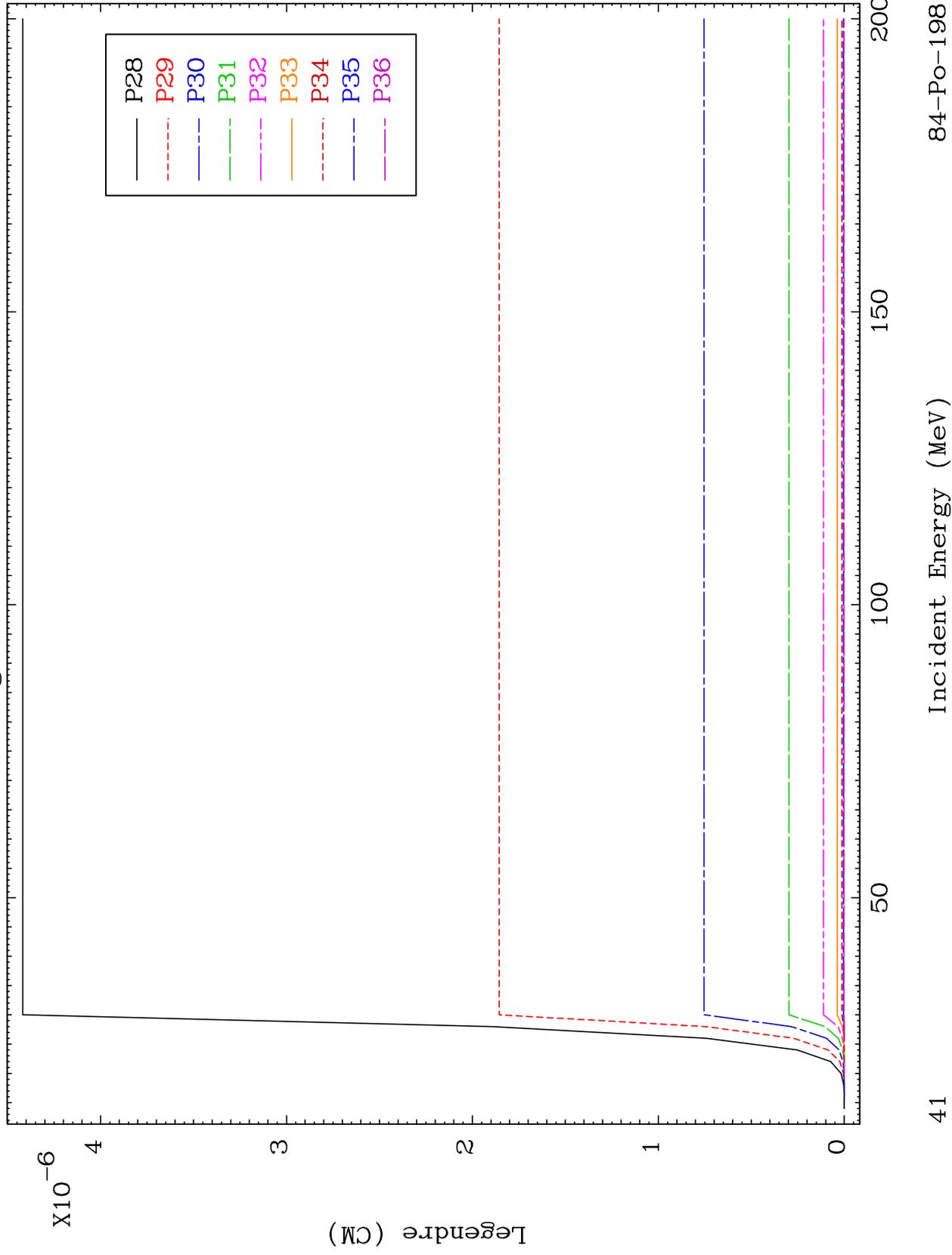
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MAT 8401

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

84-Po-198

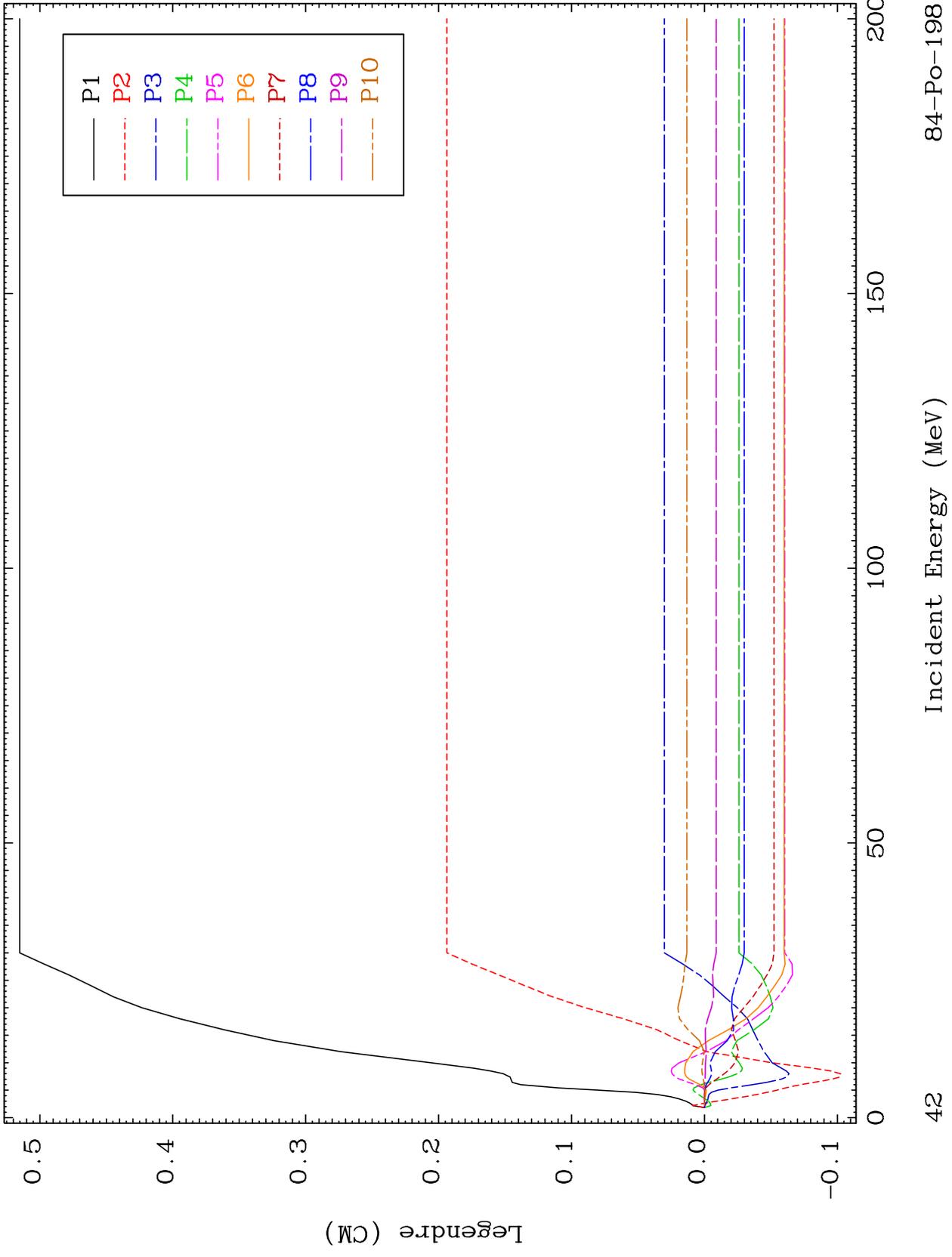


41

MAT 8401

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

84-Po-198



84-Po-198

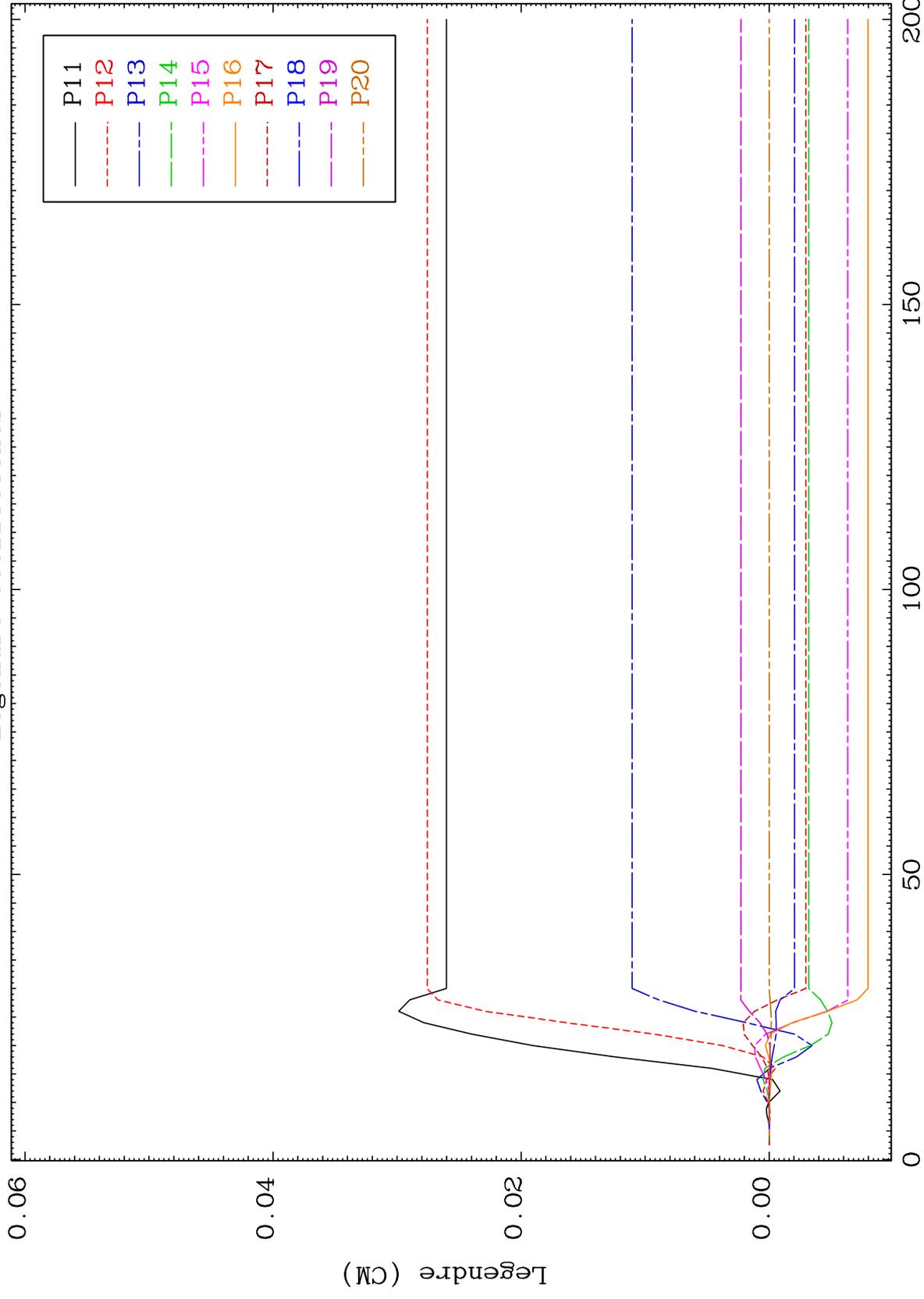
Incident Energy (MeV)

42

MAT 8401

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

84-Po-198



43

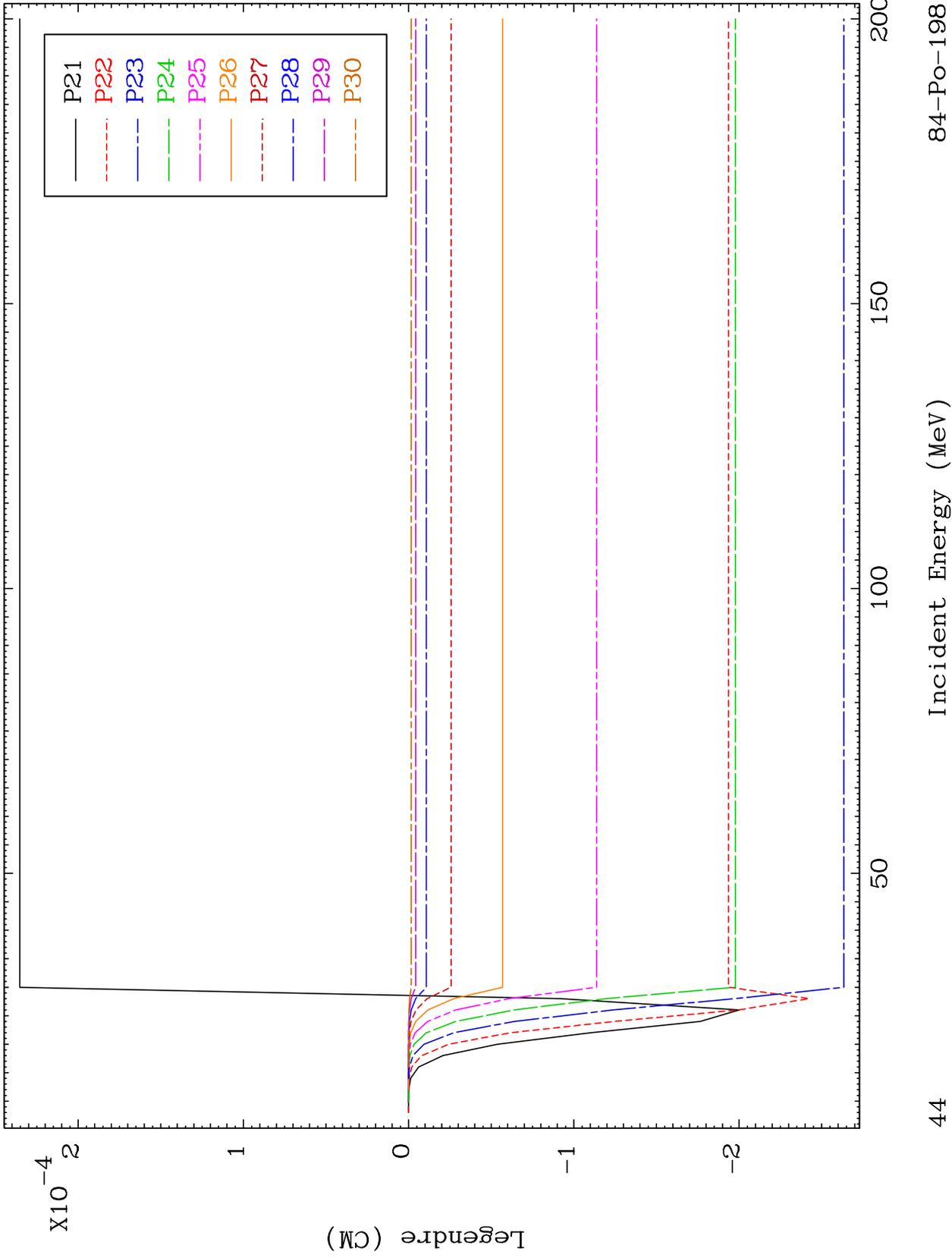
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



44

Incident Energy (MeV)

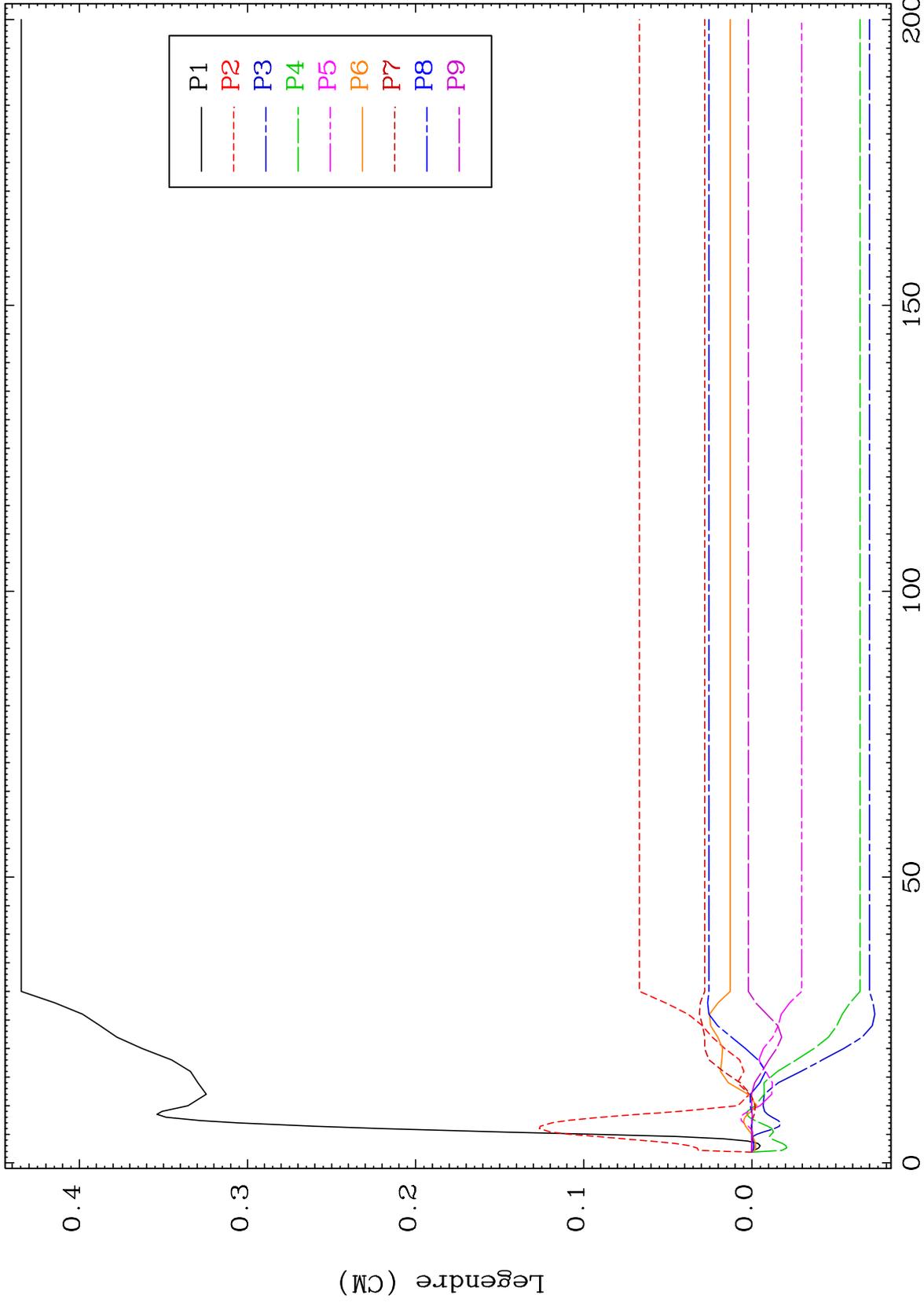
84-Po-198



MAT 8401

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

84-Po-198



46

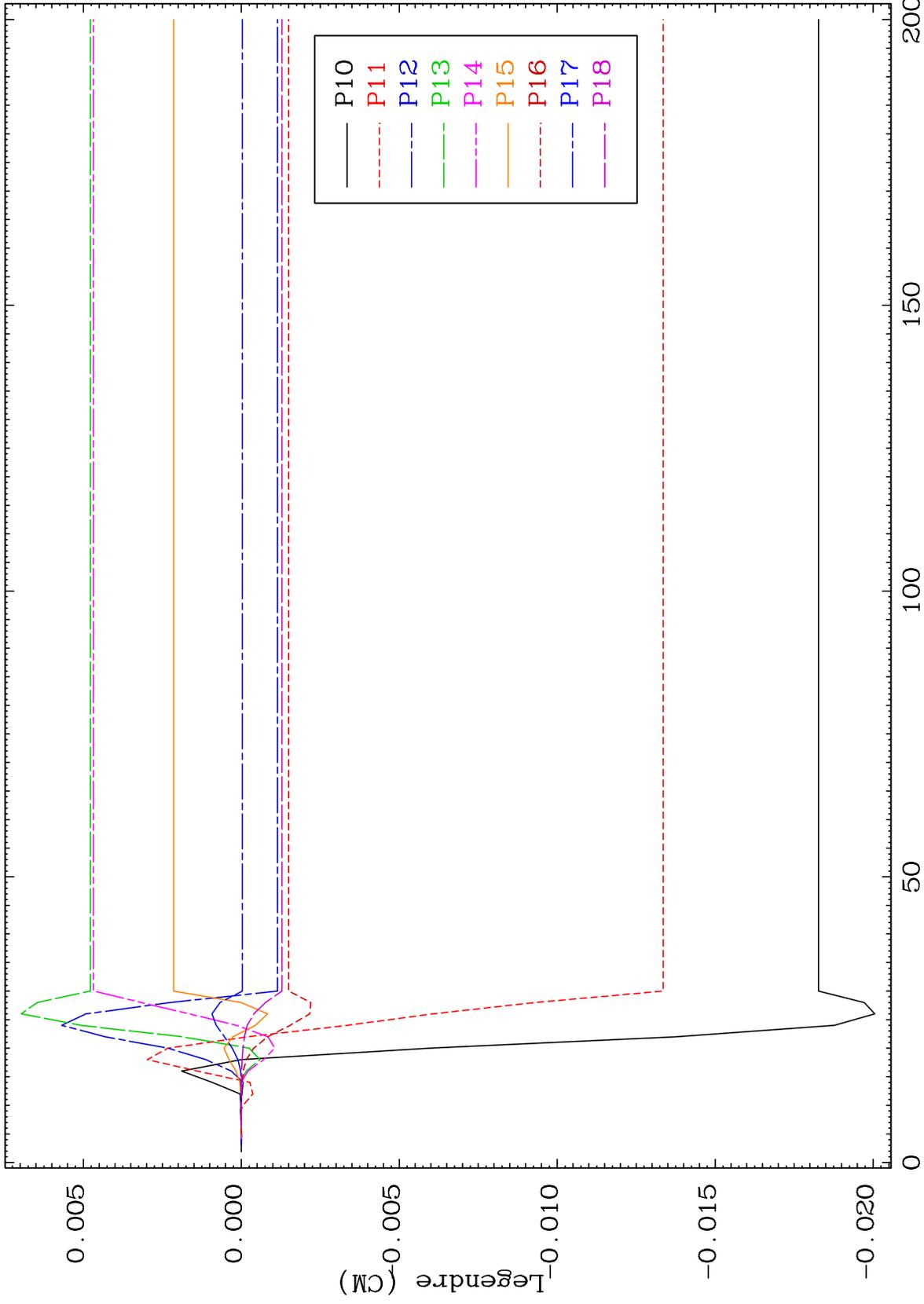
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



47

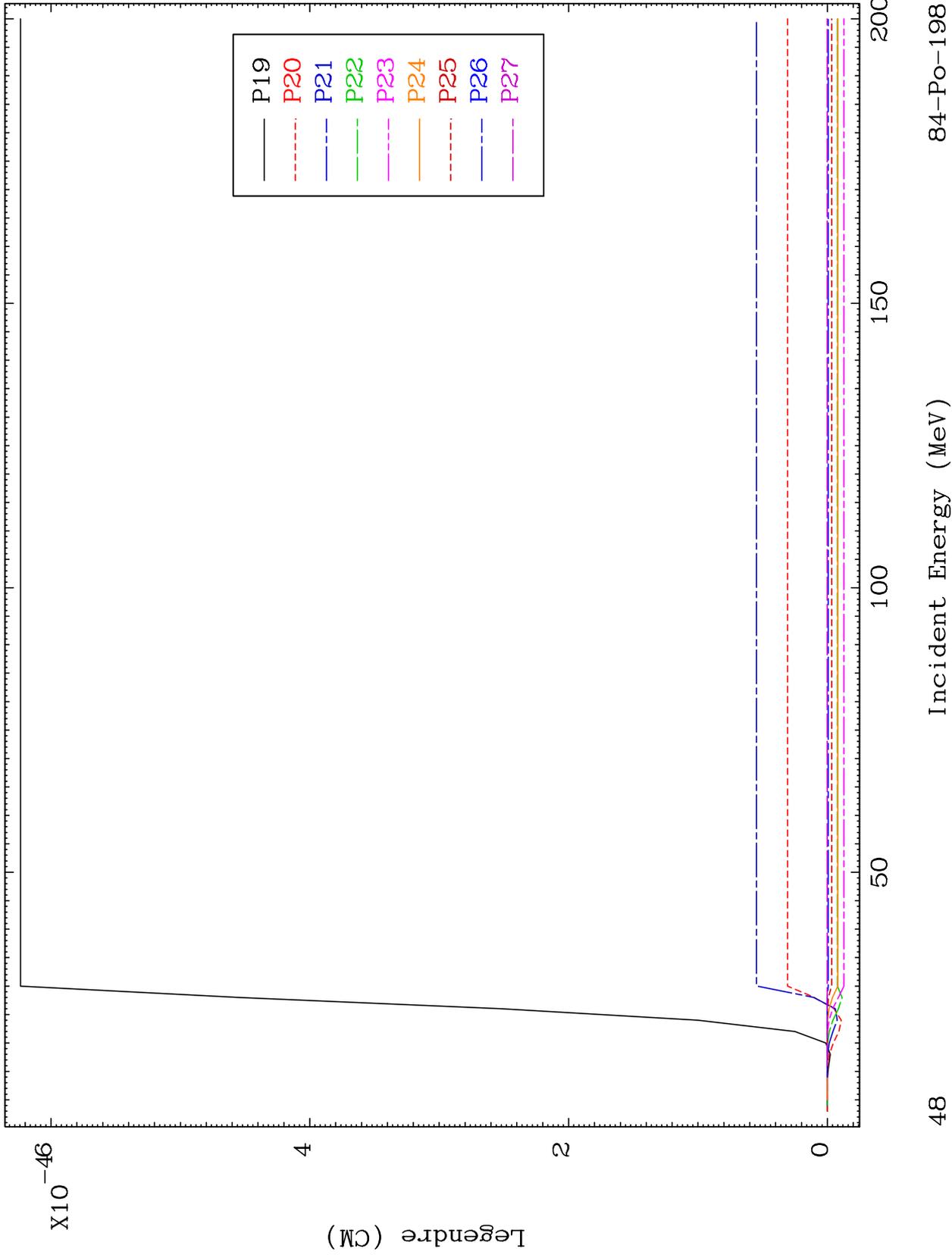
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



48

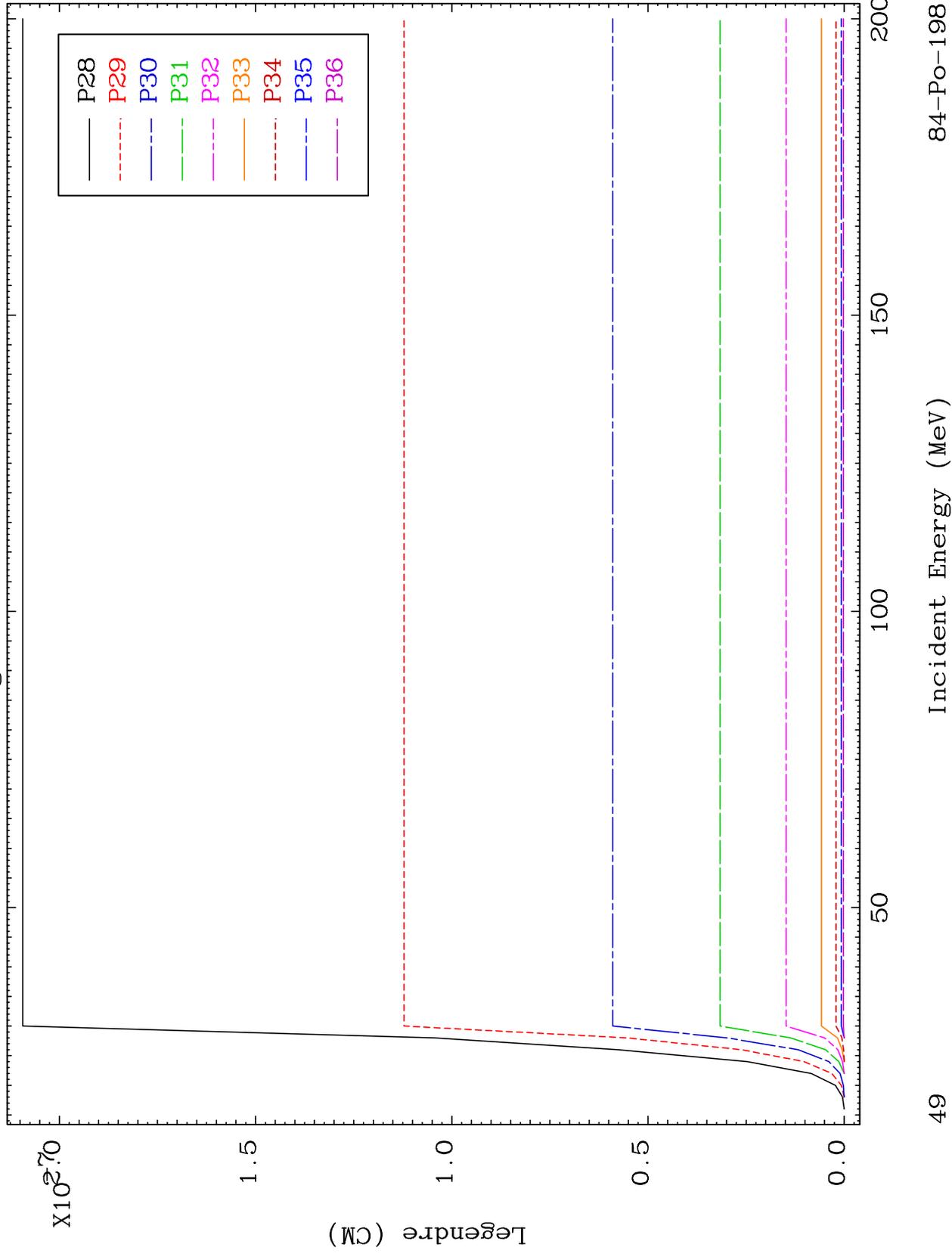
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



49

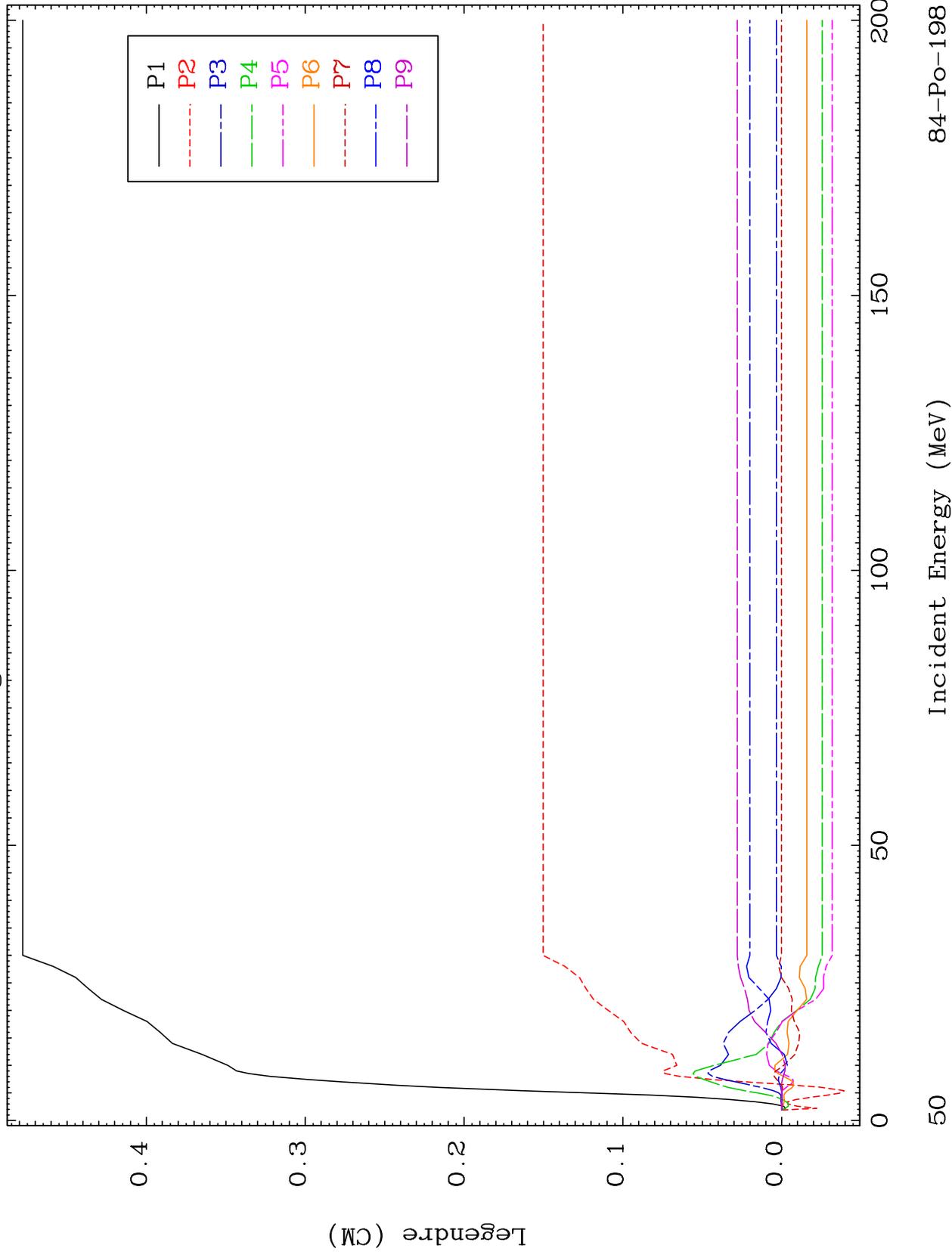
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



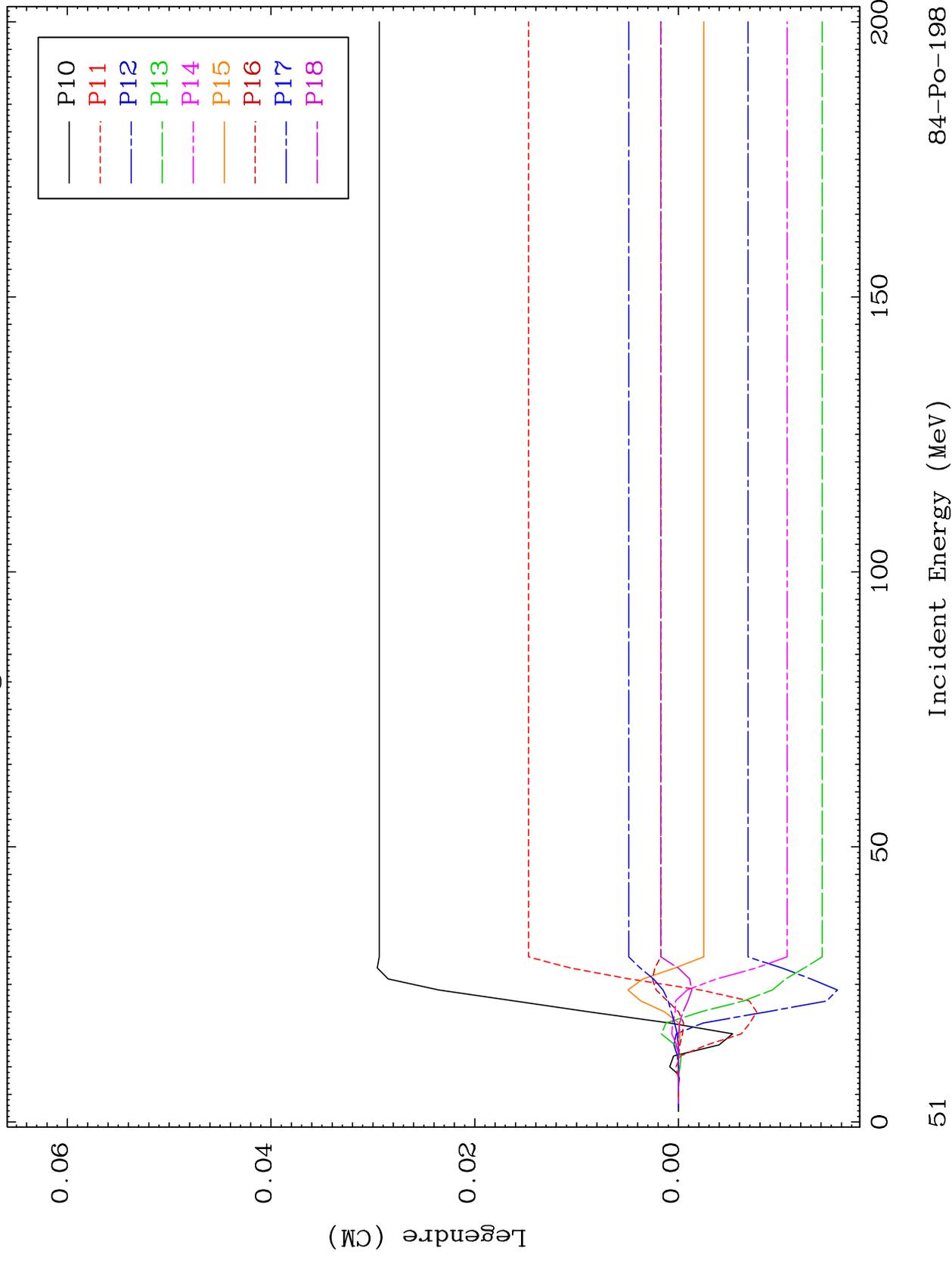
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Incident Energy (MeV)

MAT 8401

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

84-Po-198



51

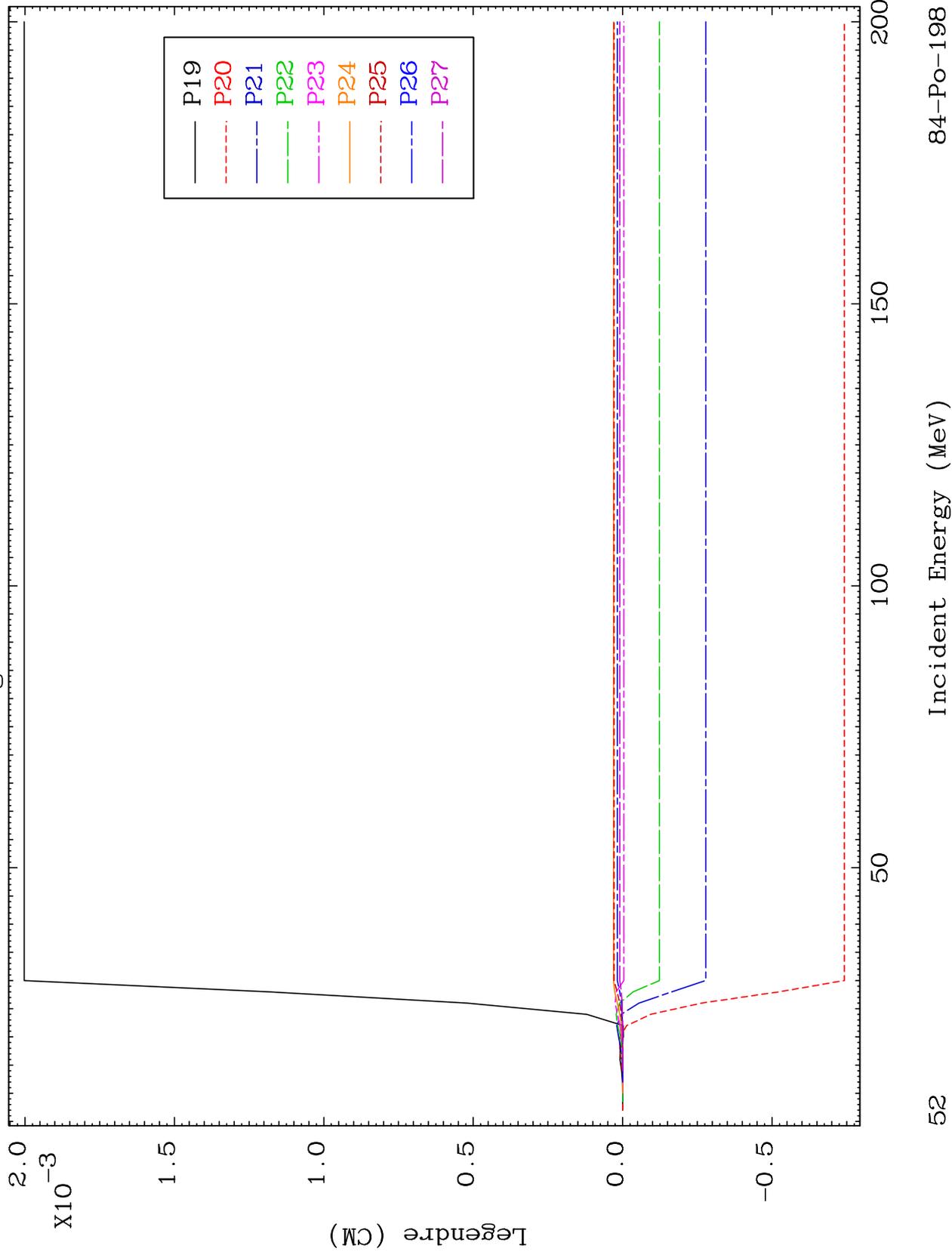
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



52

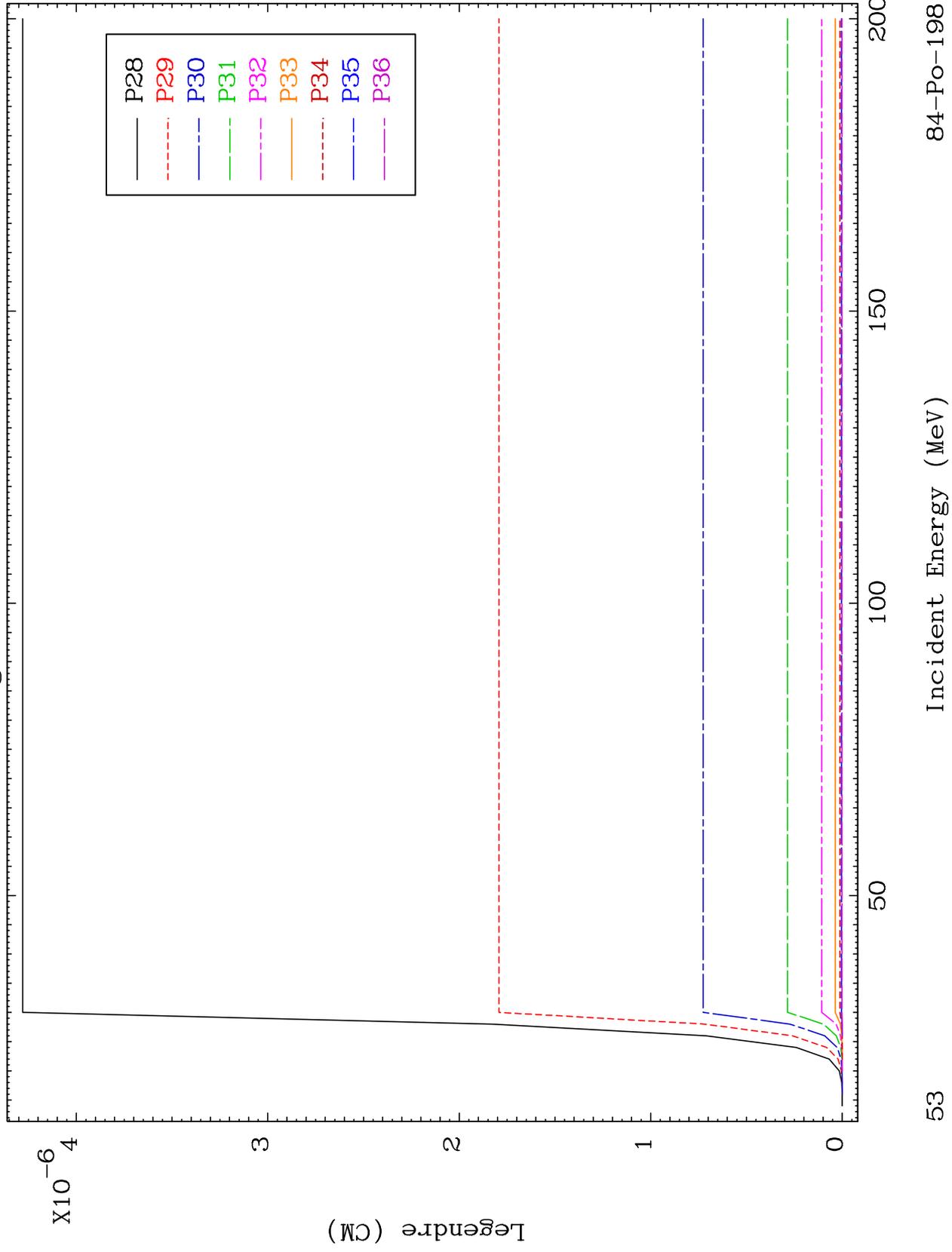
Incident Energy (MeV)

84-Po-198

MAT 8401

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

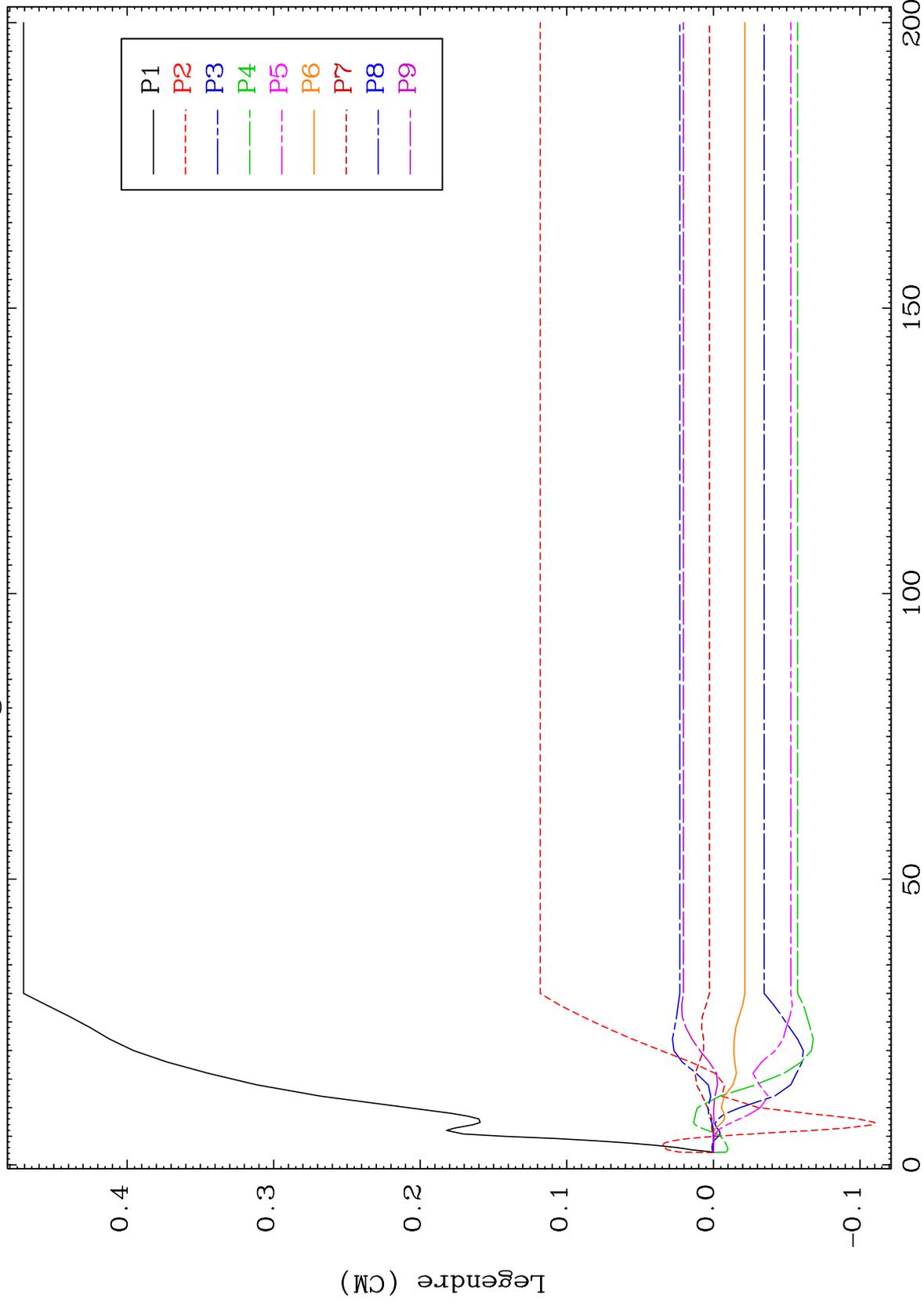
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MAT 8401

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

84-Po-198



54

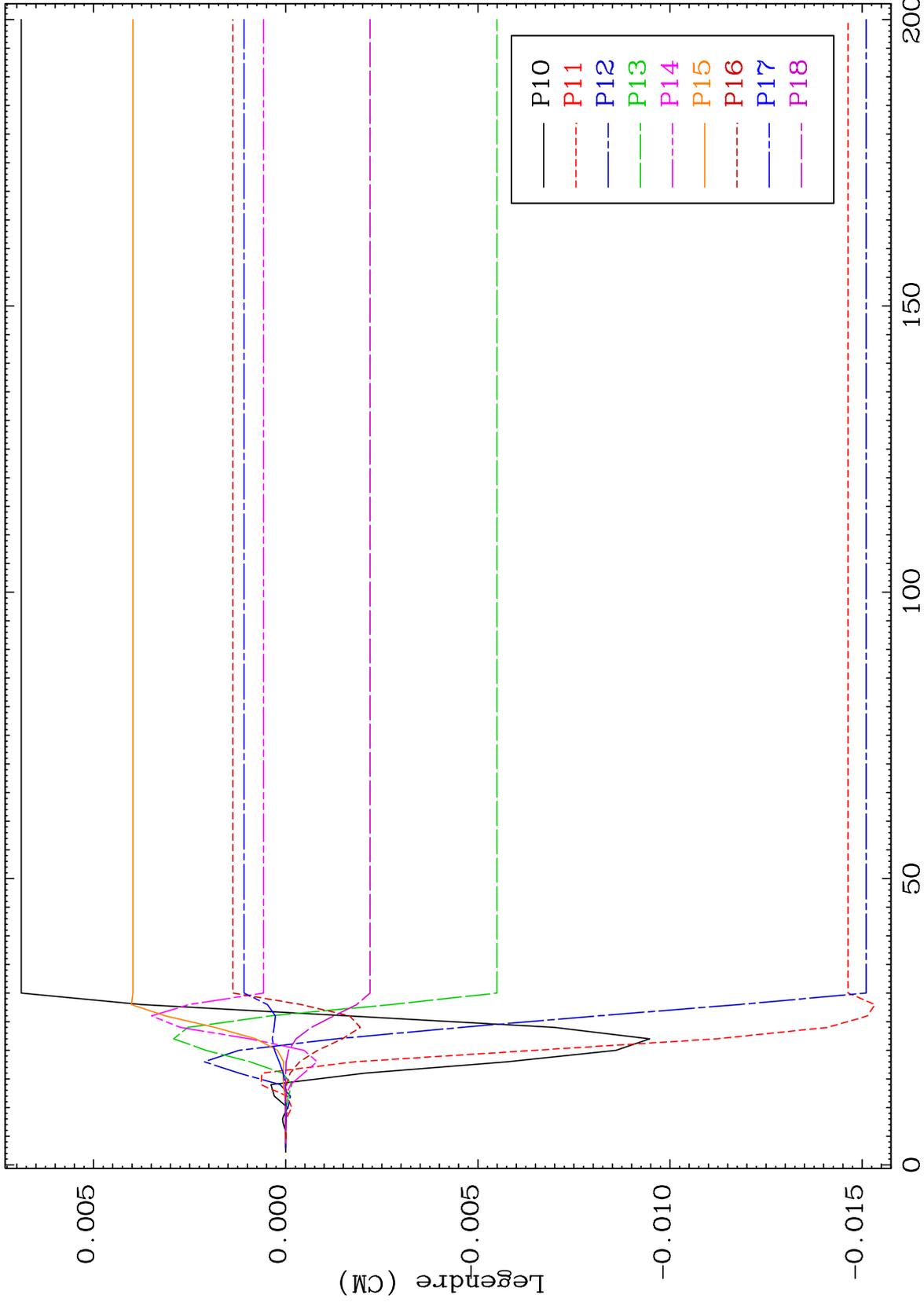
Incident Energy (MeV)

84-Po-198

MAT 8401

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

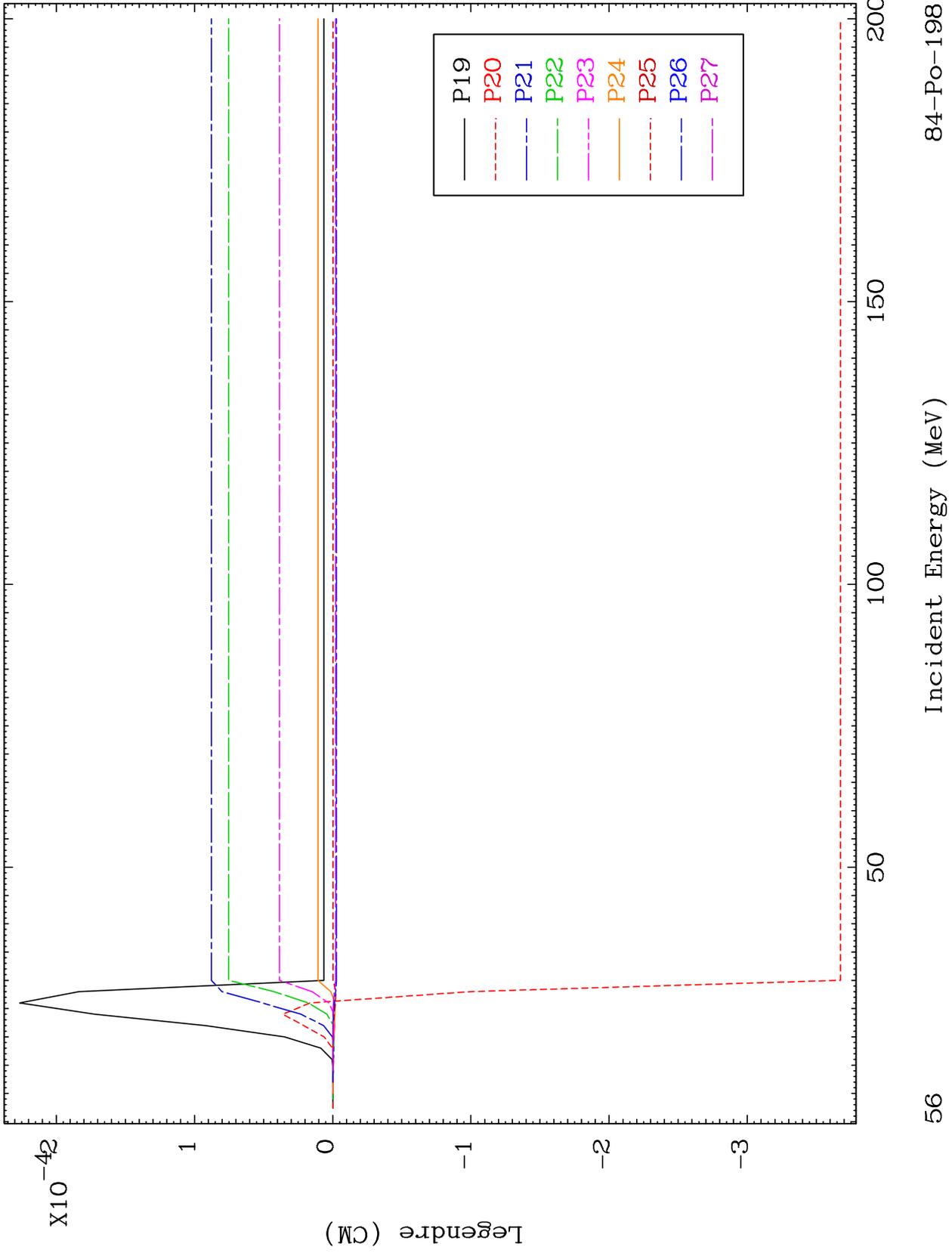
84-Po-198



84-Po-198

Incident Energy (MeV)

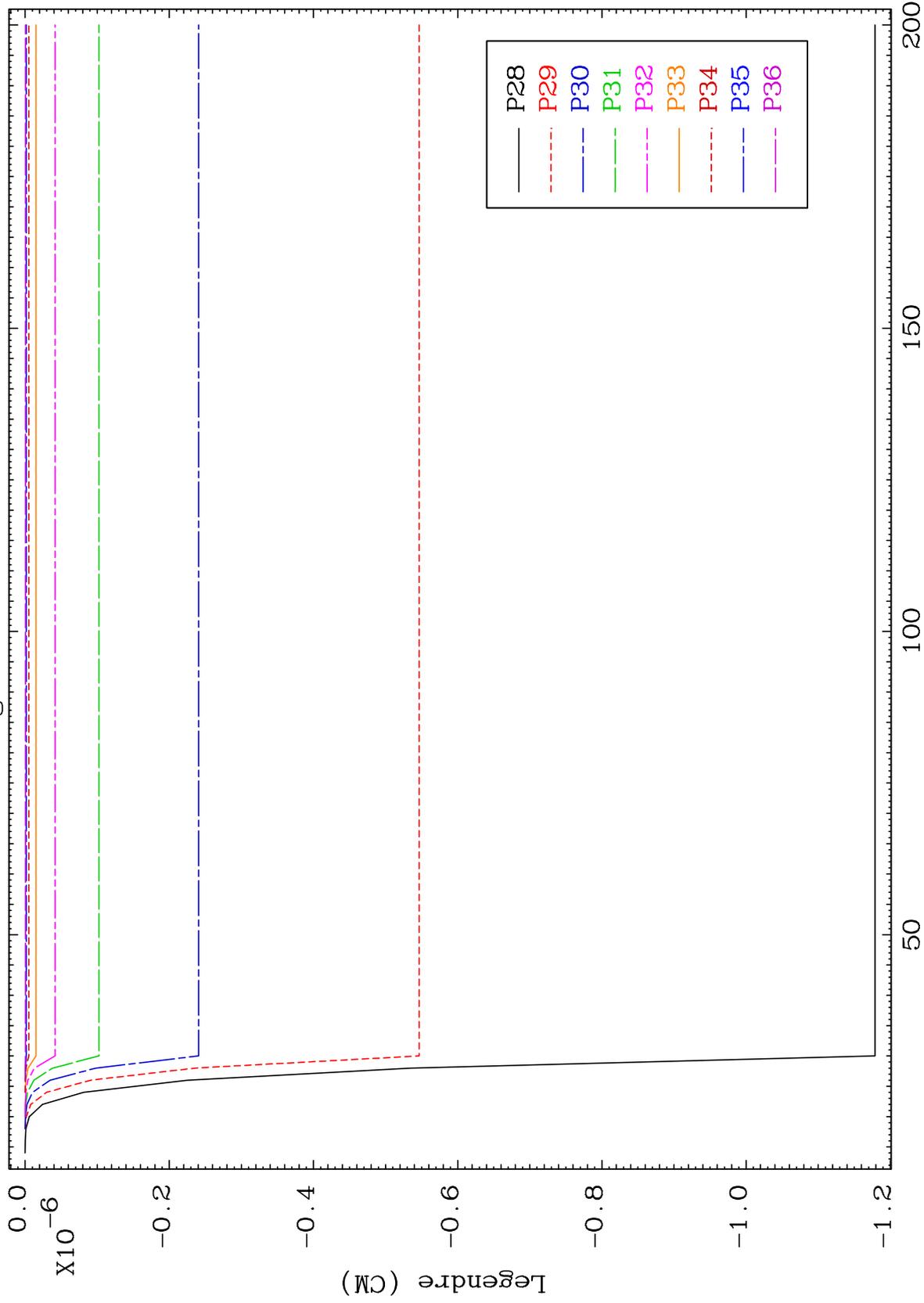
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MAT 8401

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

84-Po-198



57

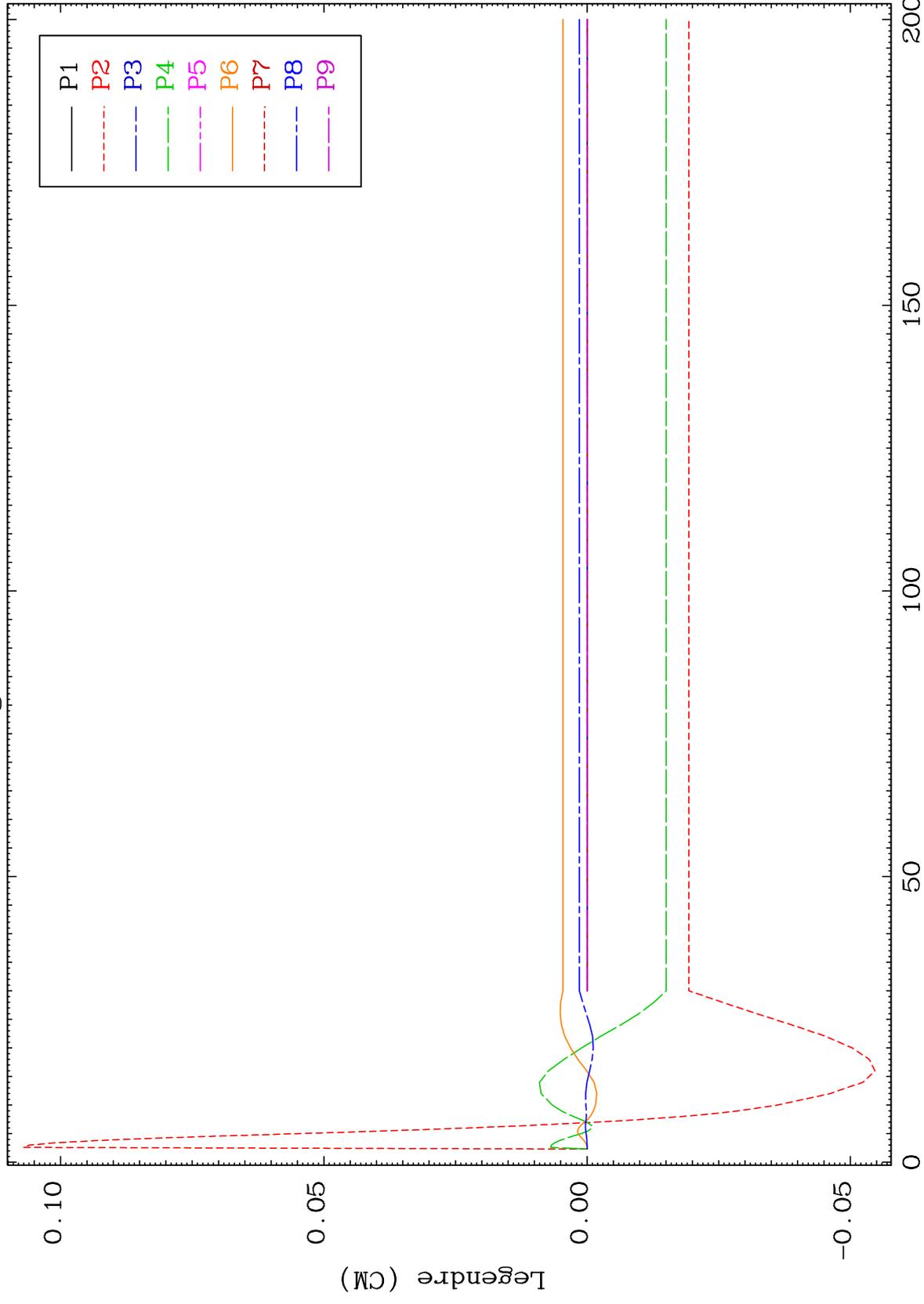
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



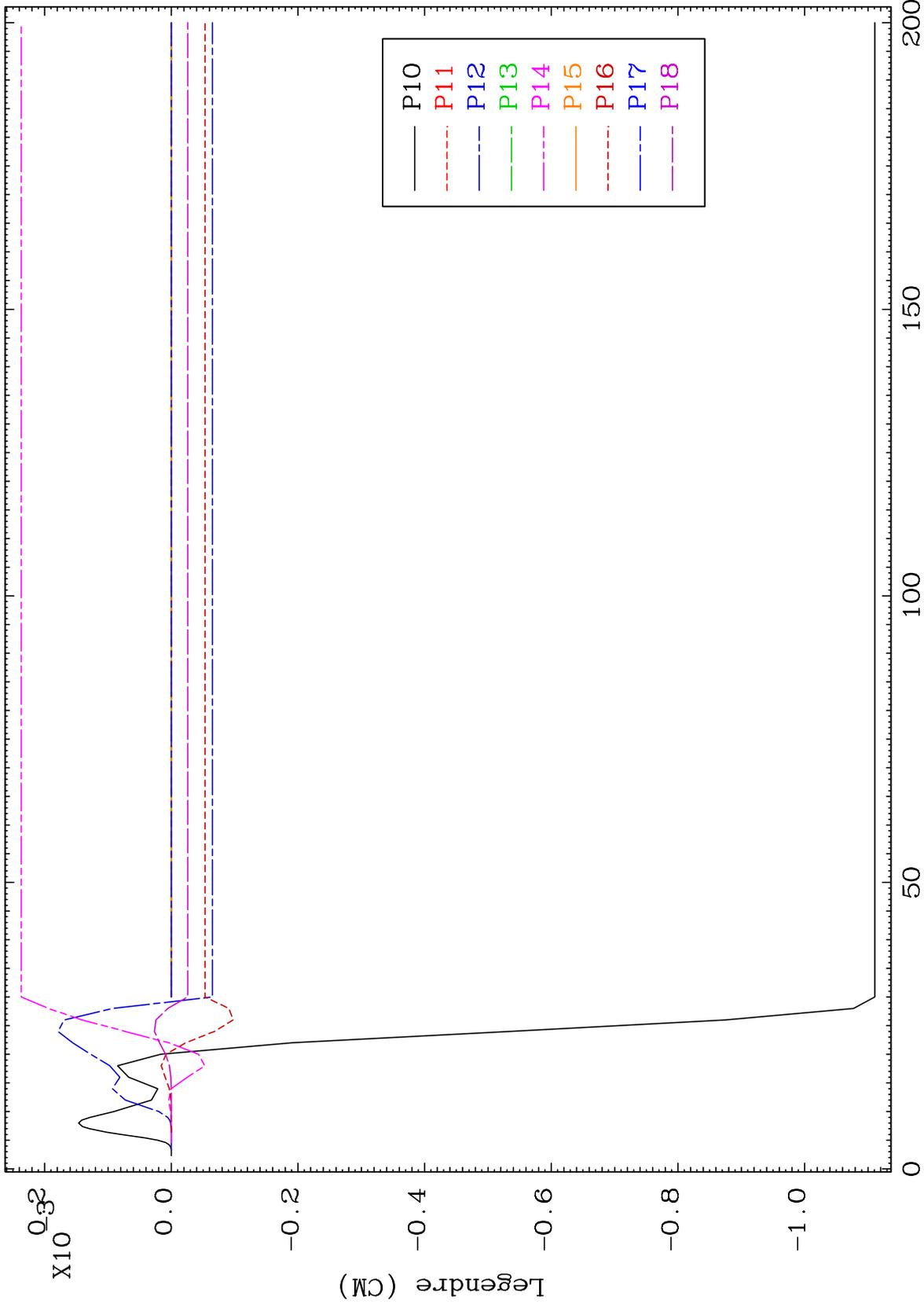
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84-Po-198

MAT 8401

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

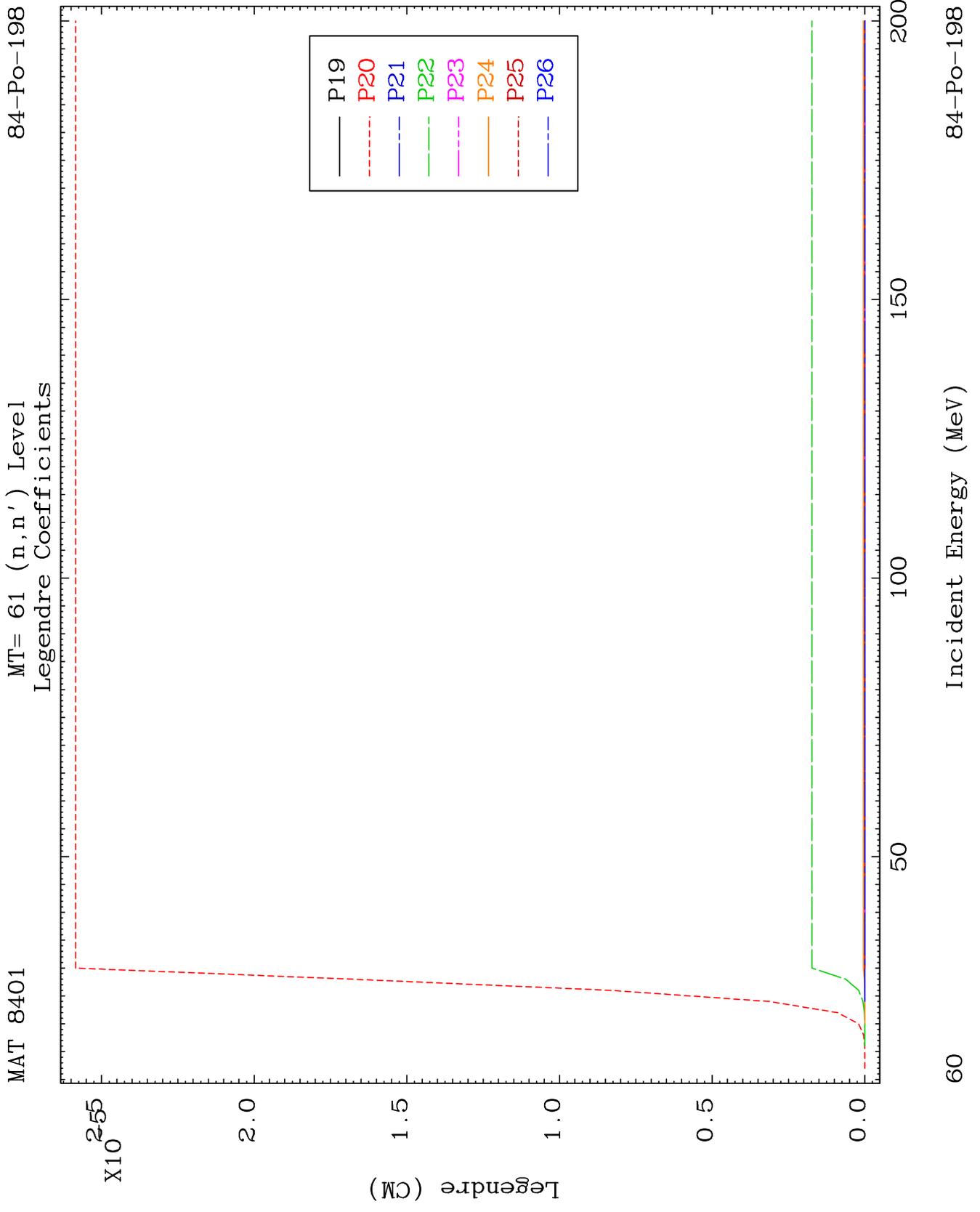
84-Po-198



59

Incident Energy (MeV)

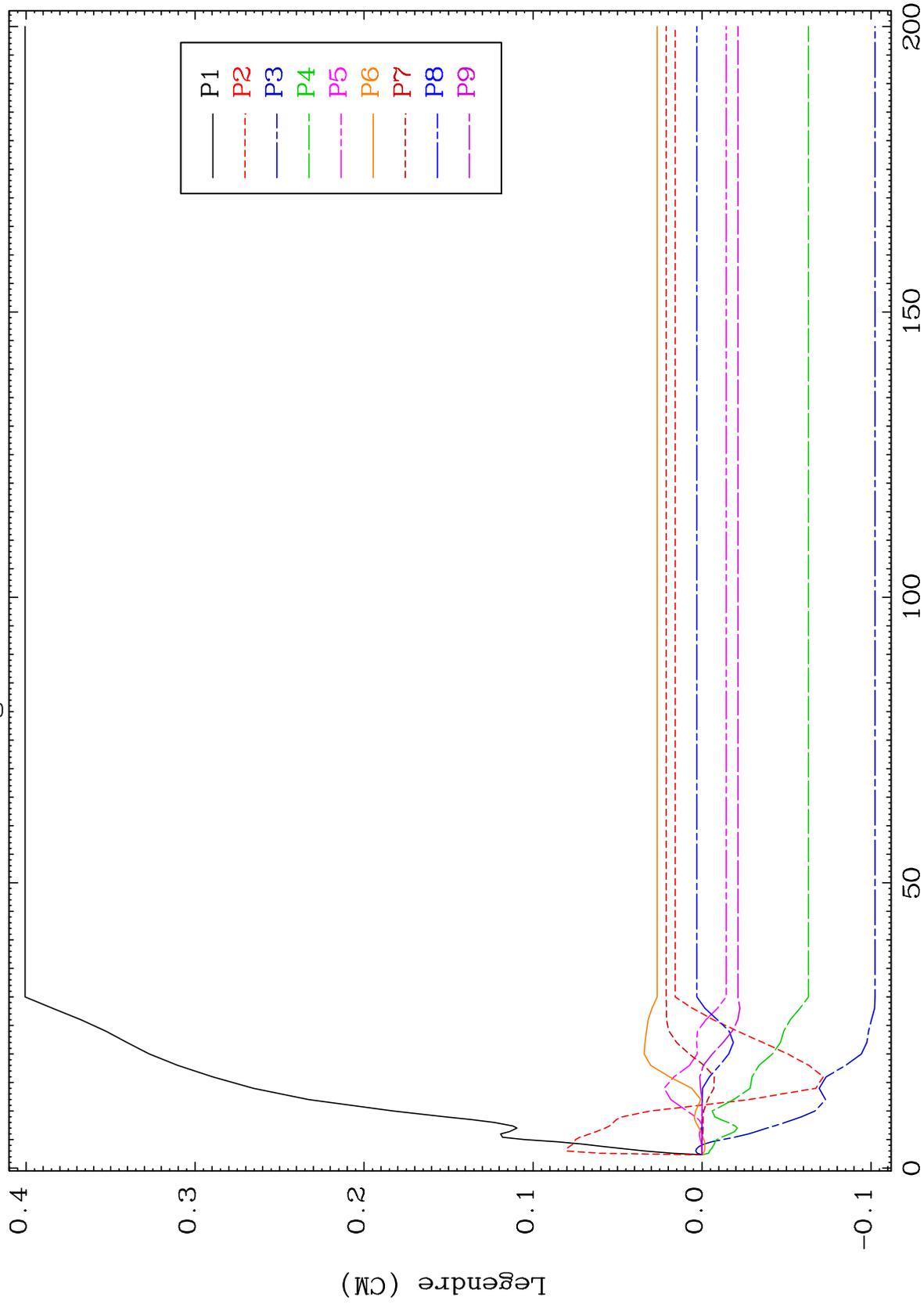
84-Po-198



MAT 8401

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

84-Po-198



61

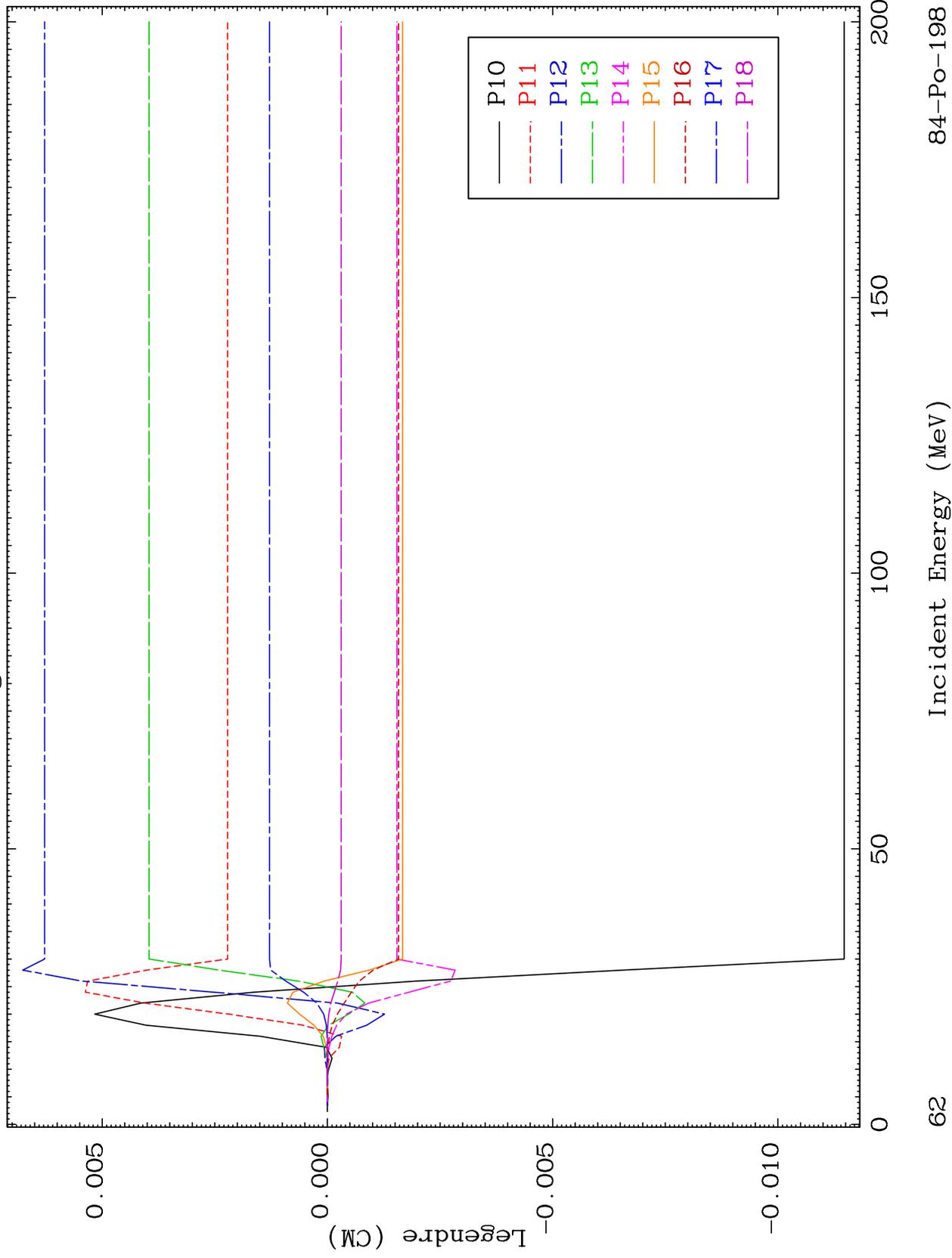
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



84-Po-198

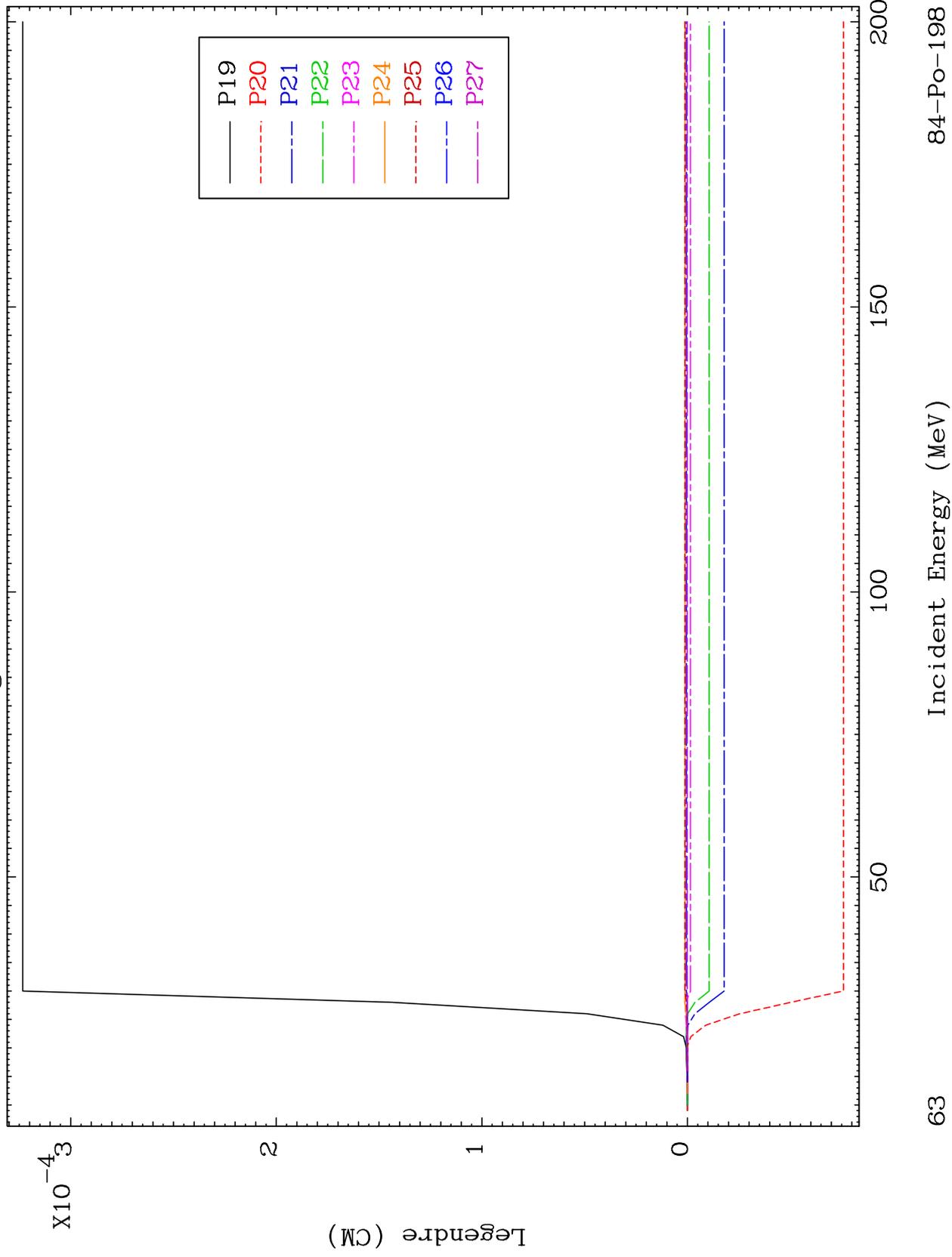
Incident Energy (MeV)

62

MAT 8401

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

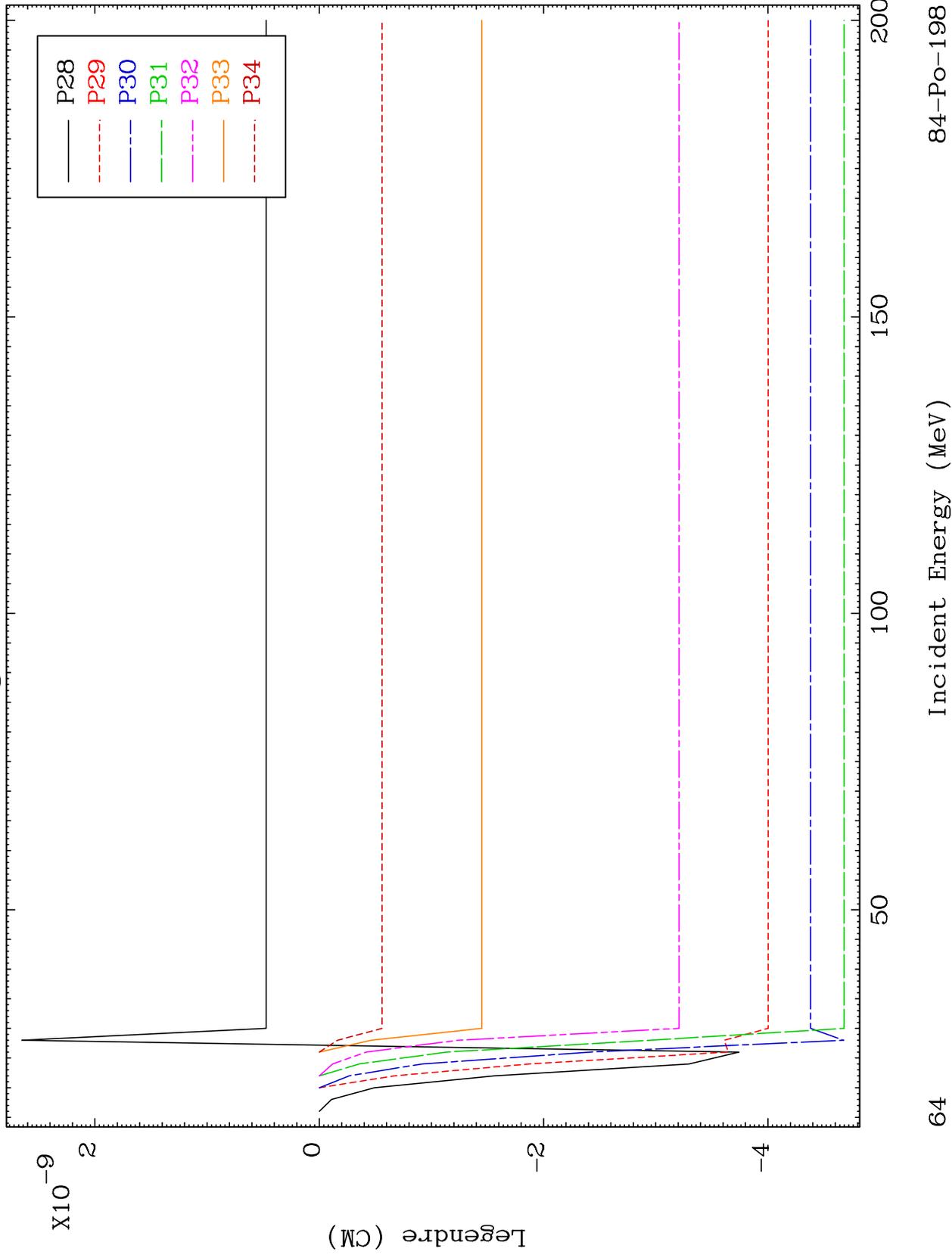
84-Po-198



MAT 8401

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

84-Po-198



64

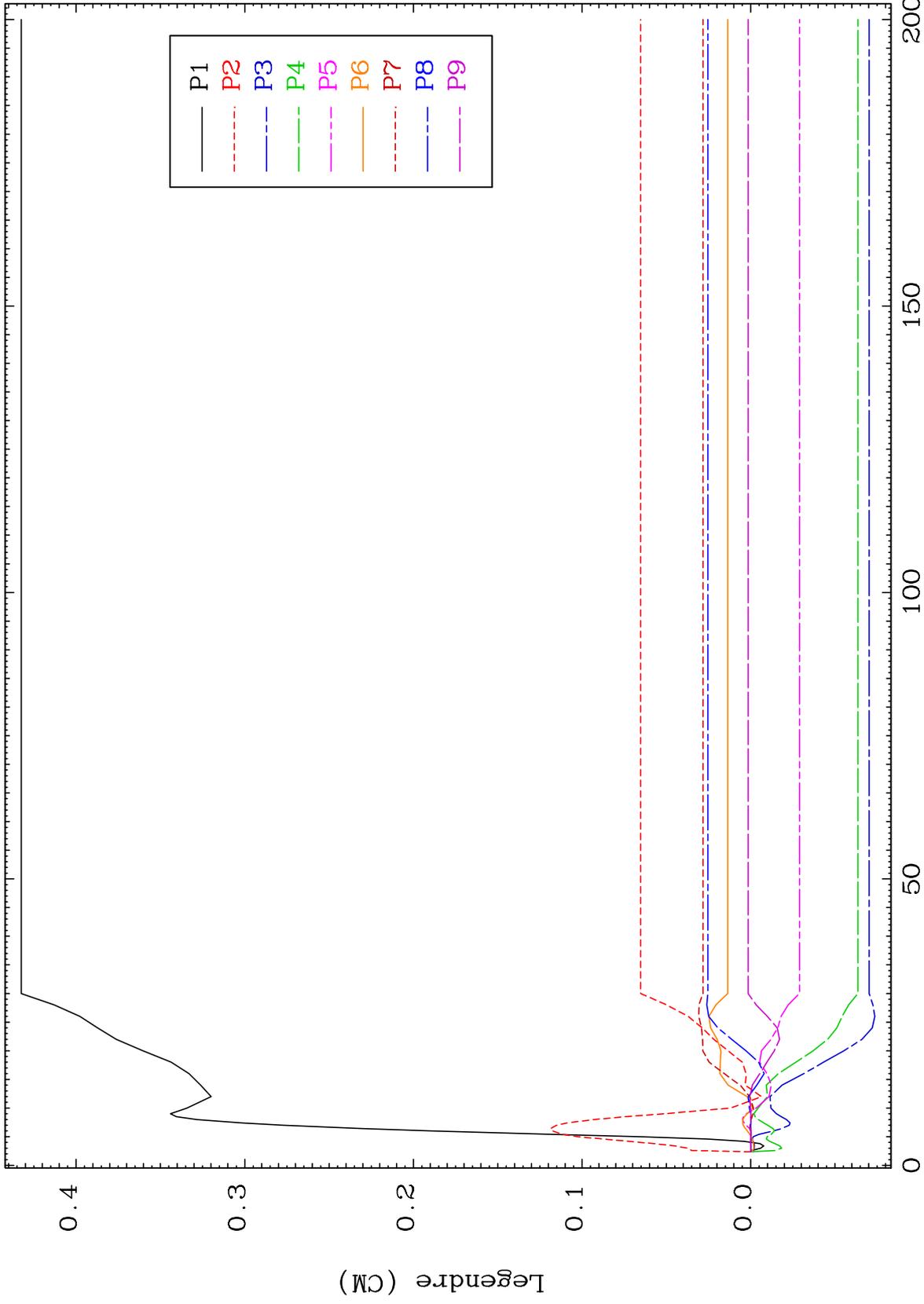
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



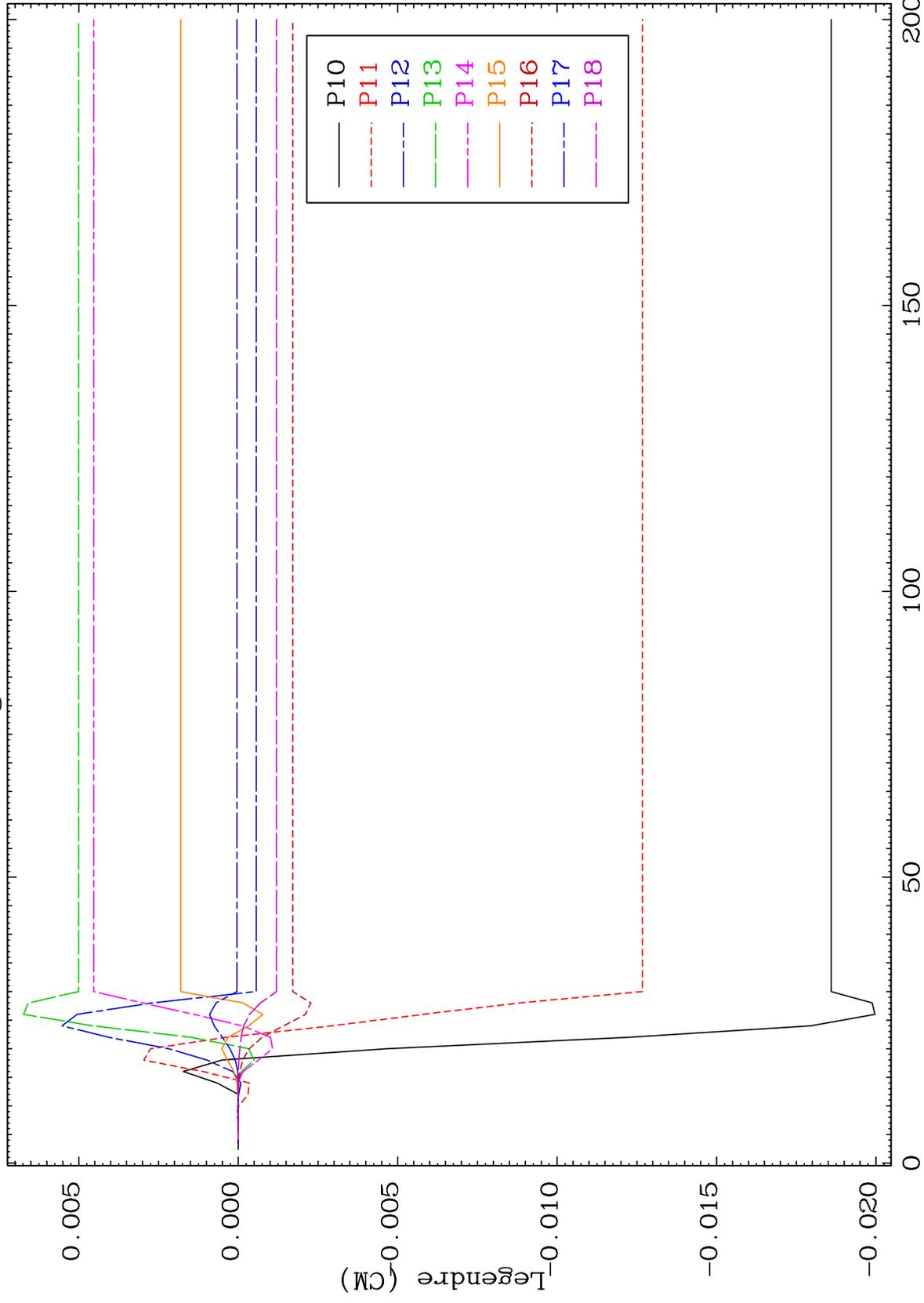
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84-Po-198

MAT 8401

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

84-Po-198



66

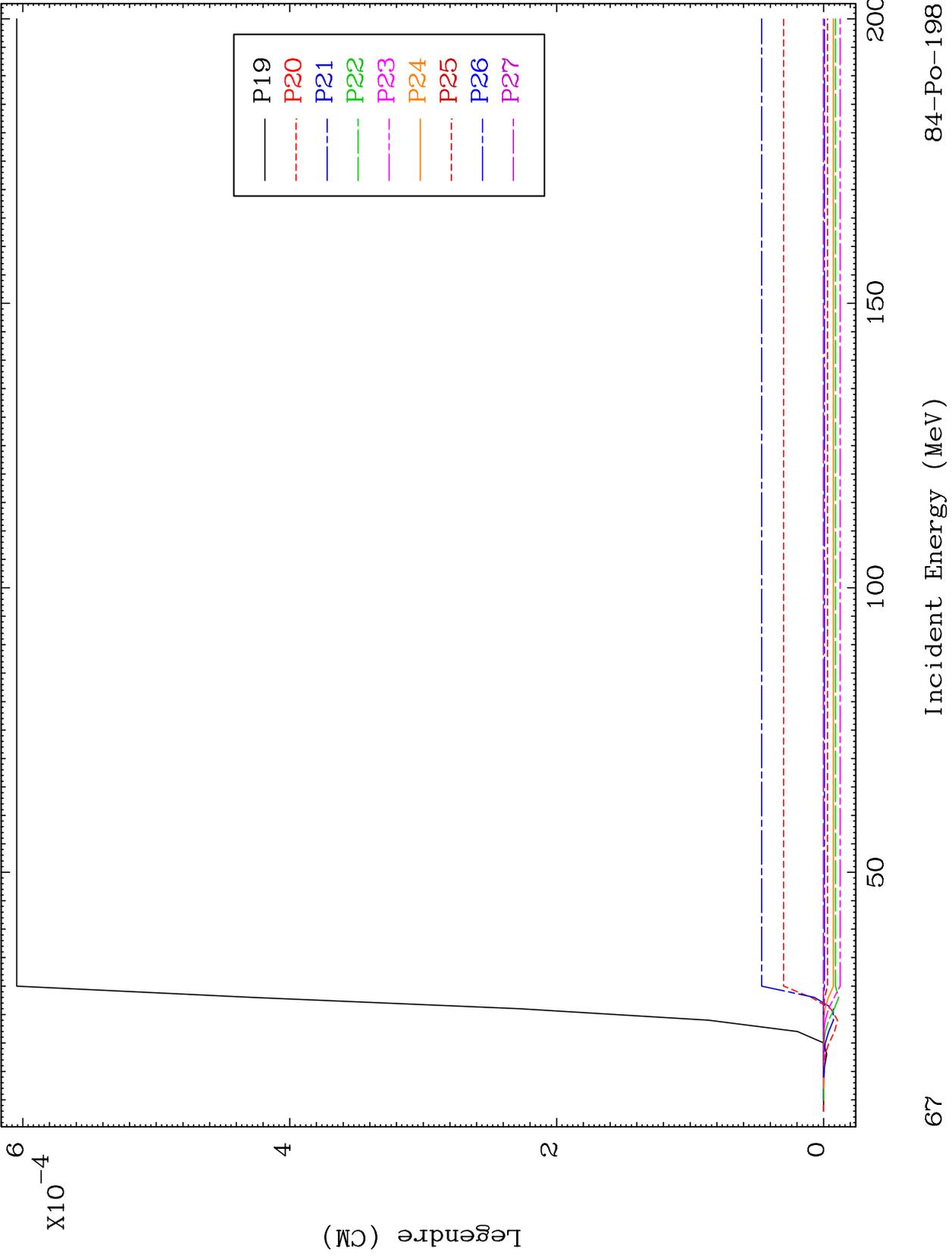
Incident Energy (MeV)

84-Po-198

MAT 8401

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

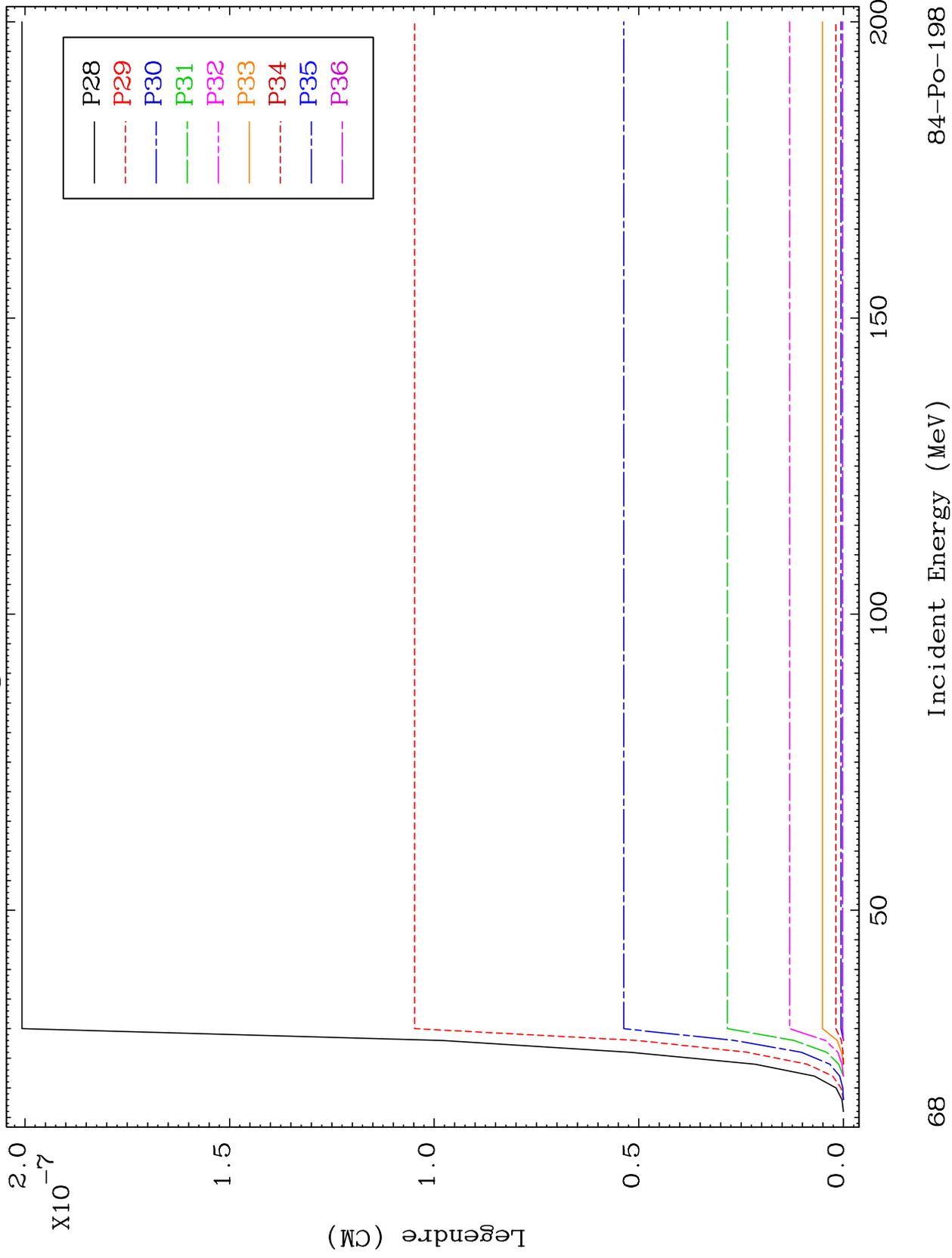
84-Po-198



MAT 8401

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

84-Po-198



68

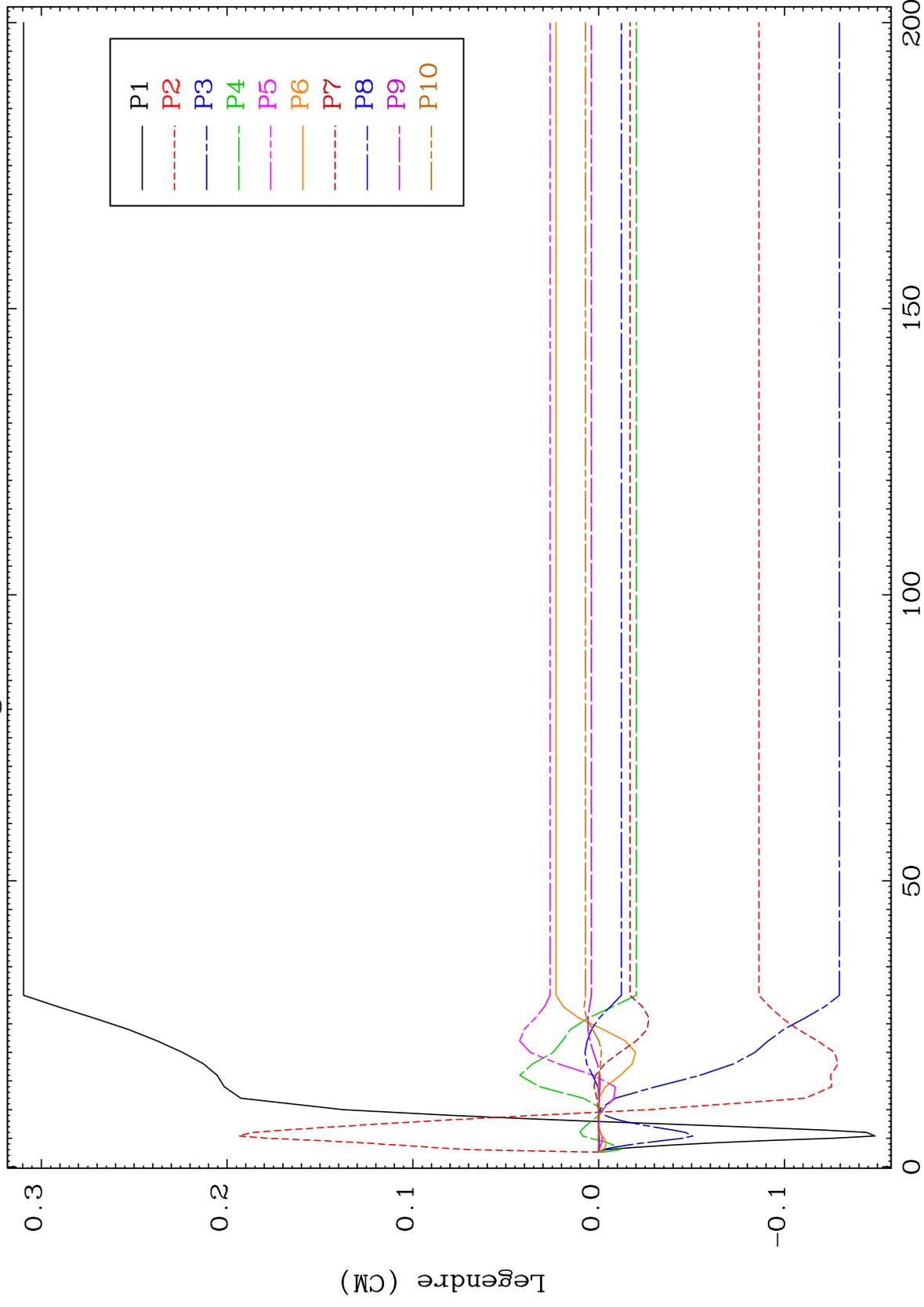
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



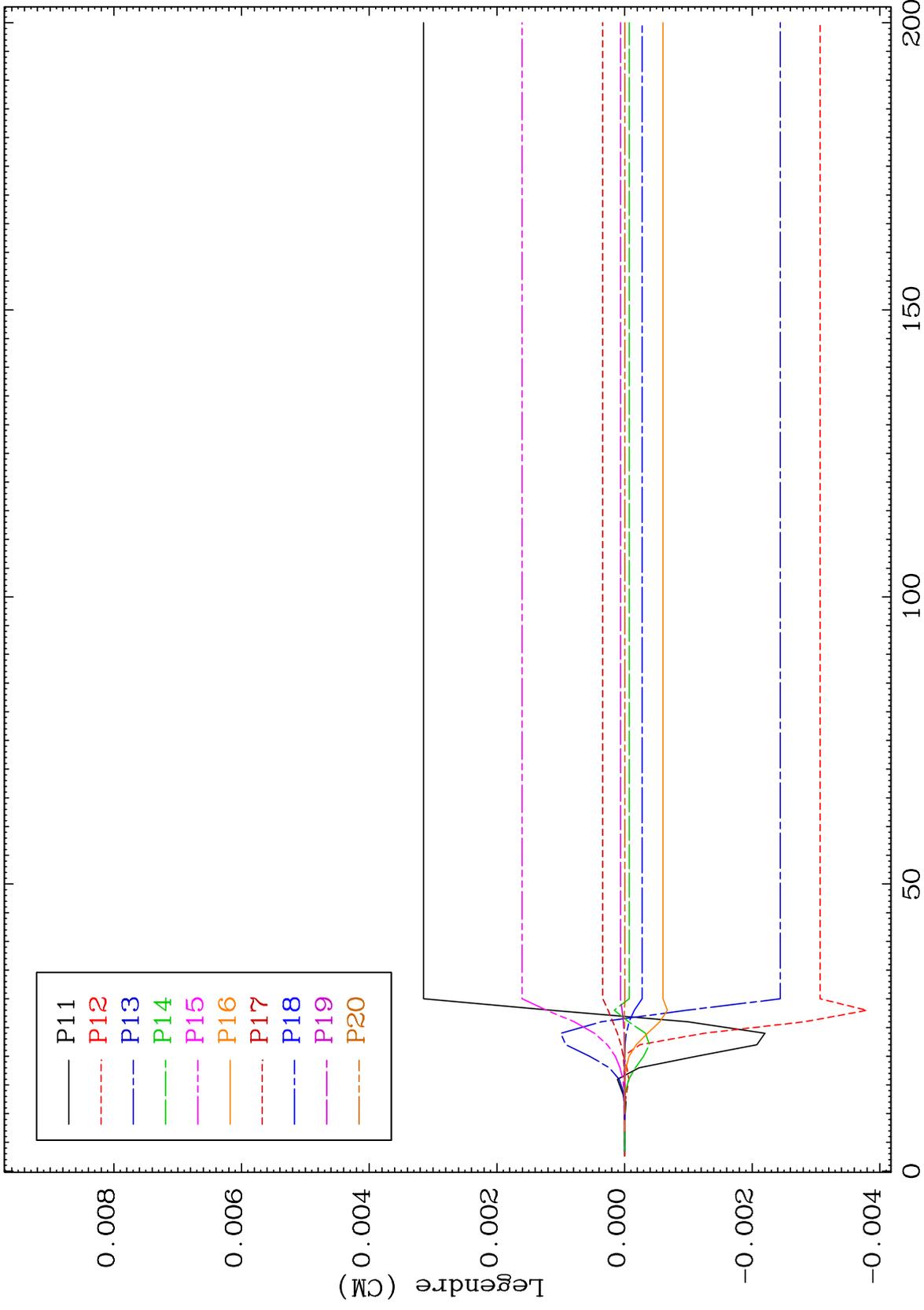
69

84-Po-198

MAT 8401

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

84-Po-198



70

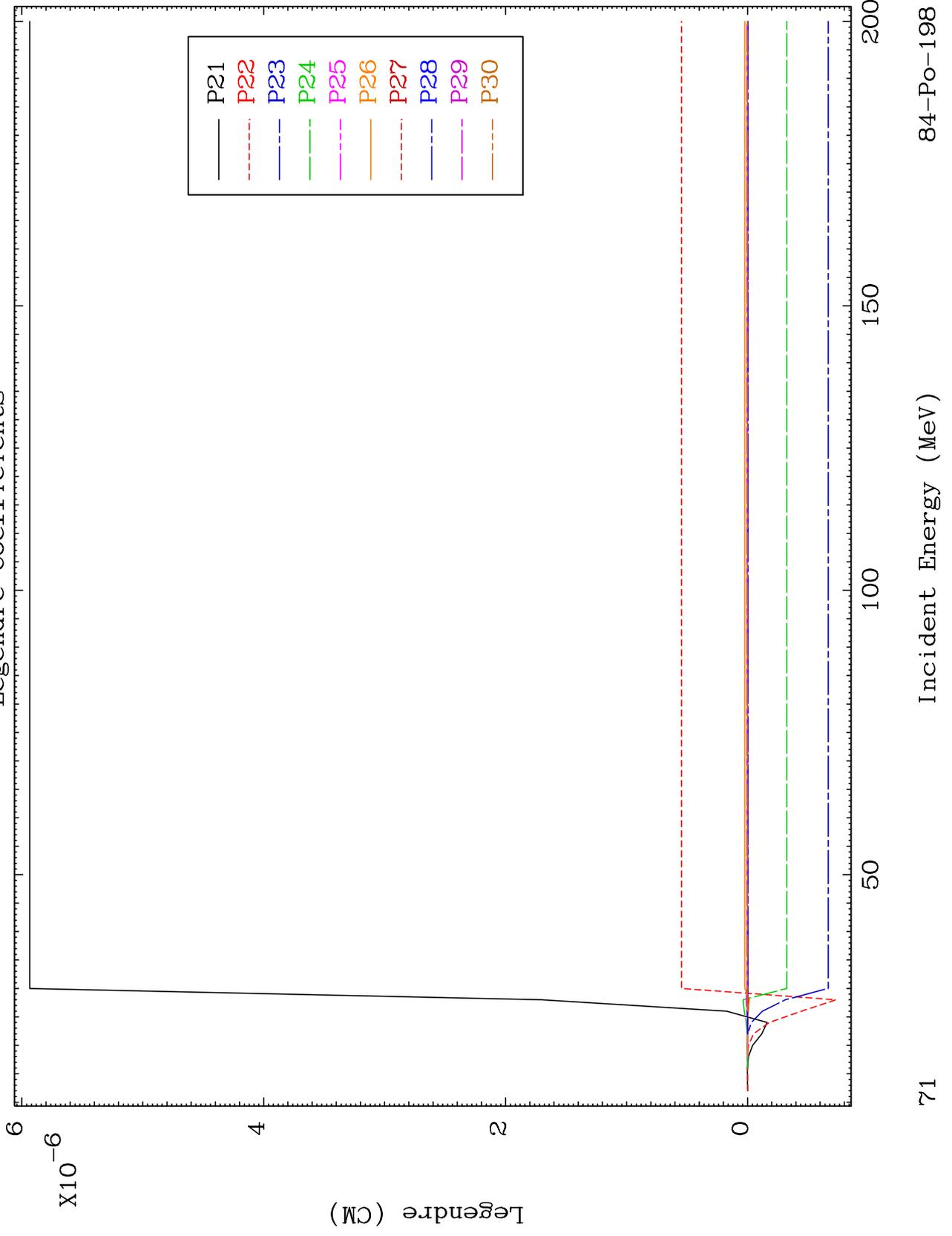
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



71

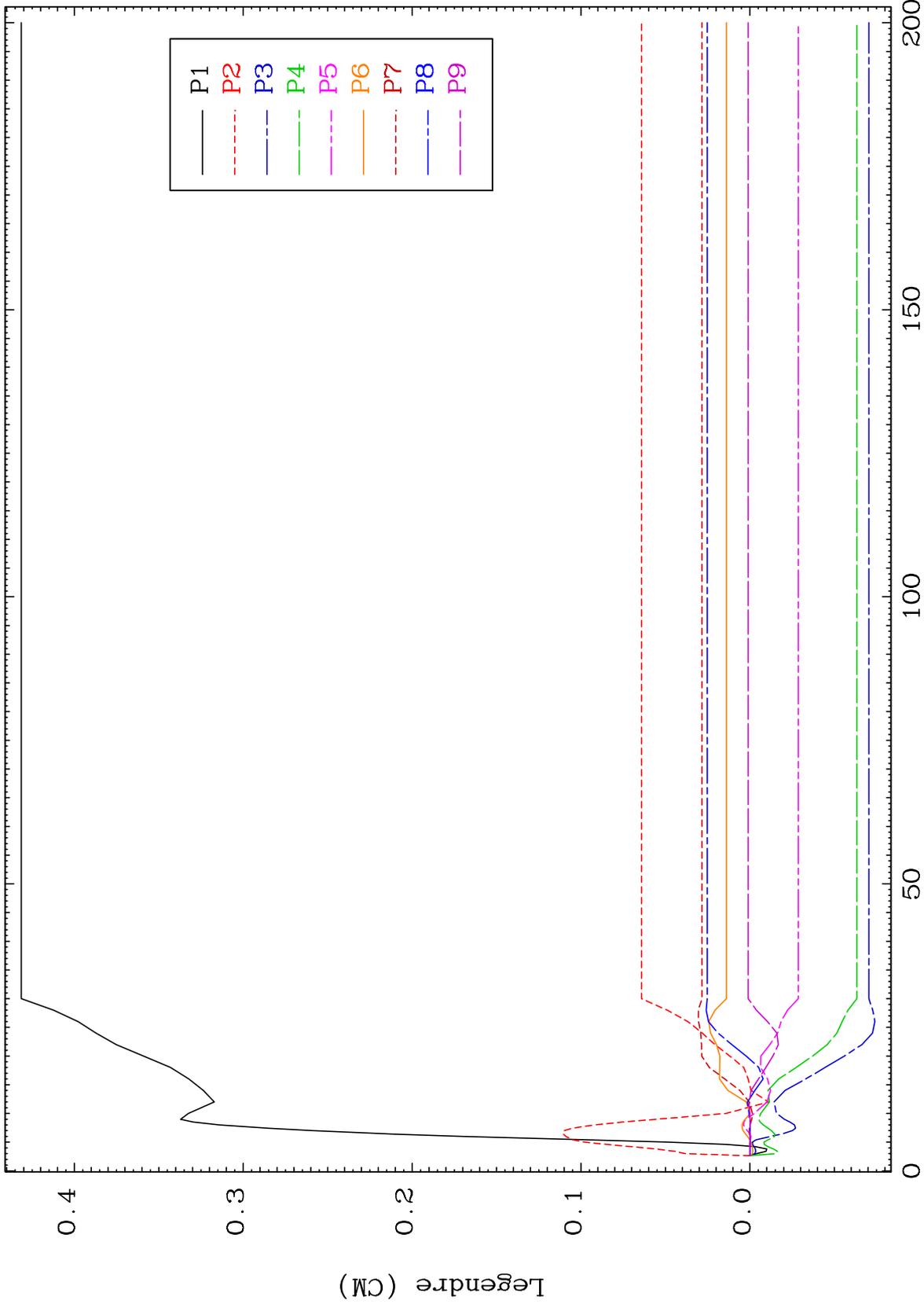
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



72

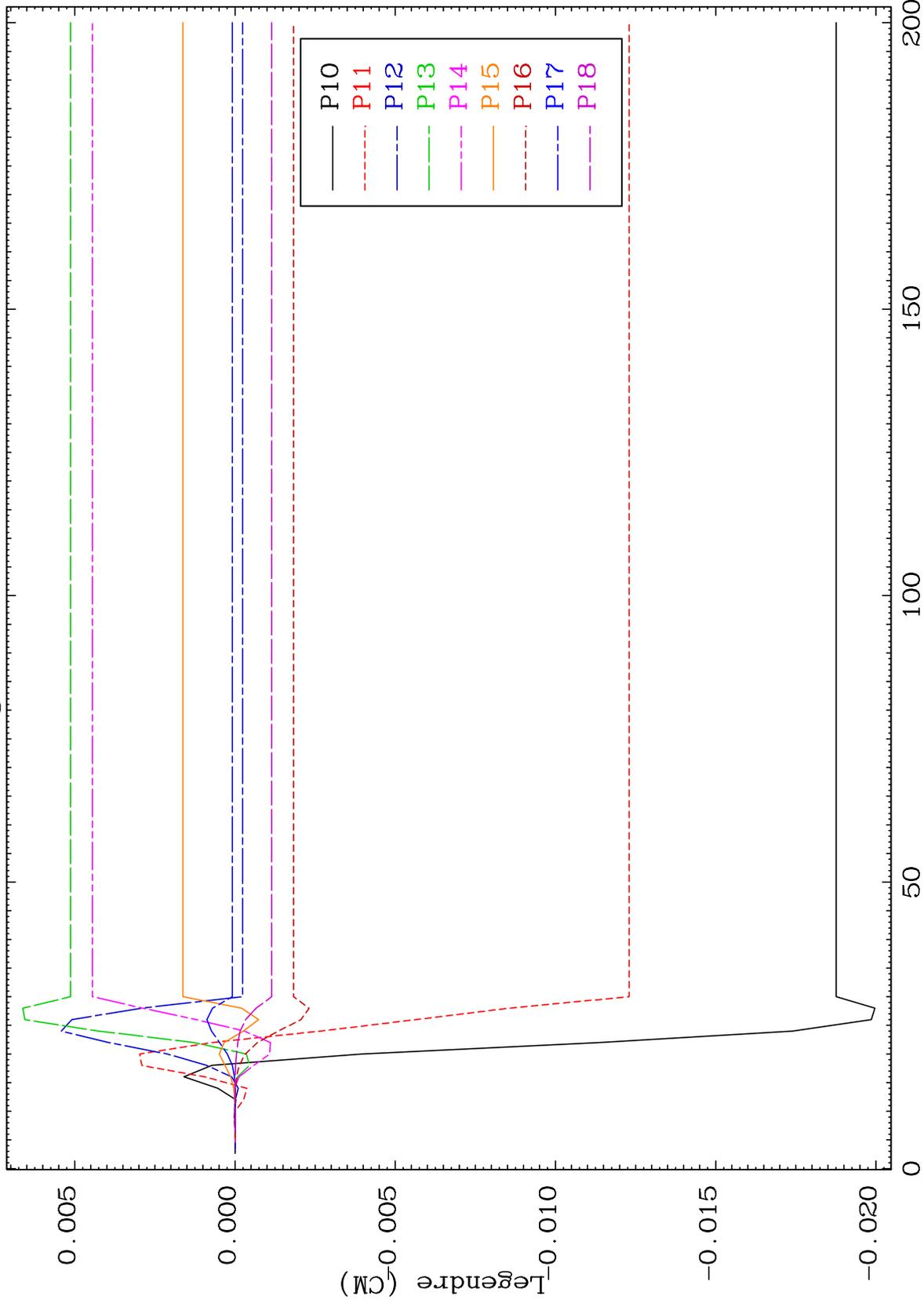
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



73

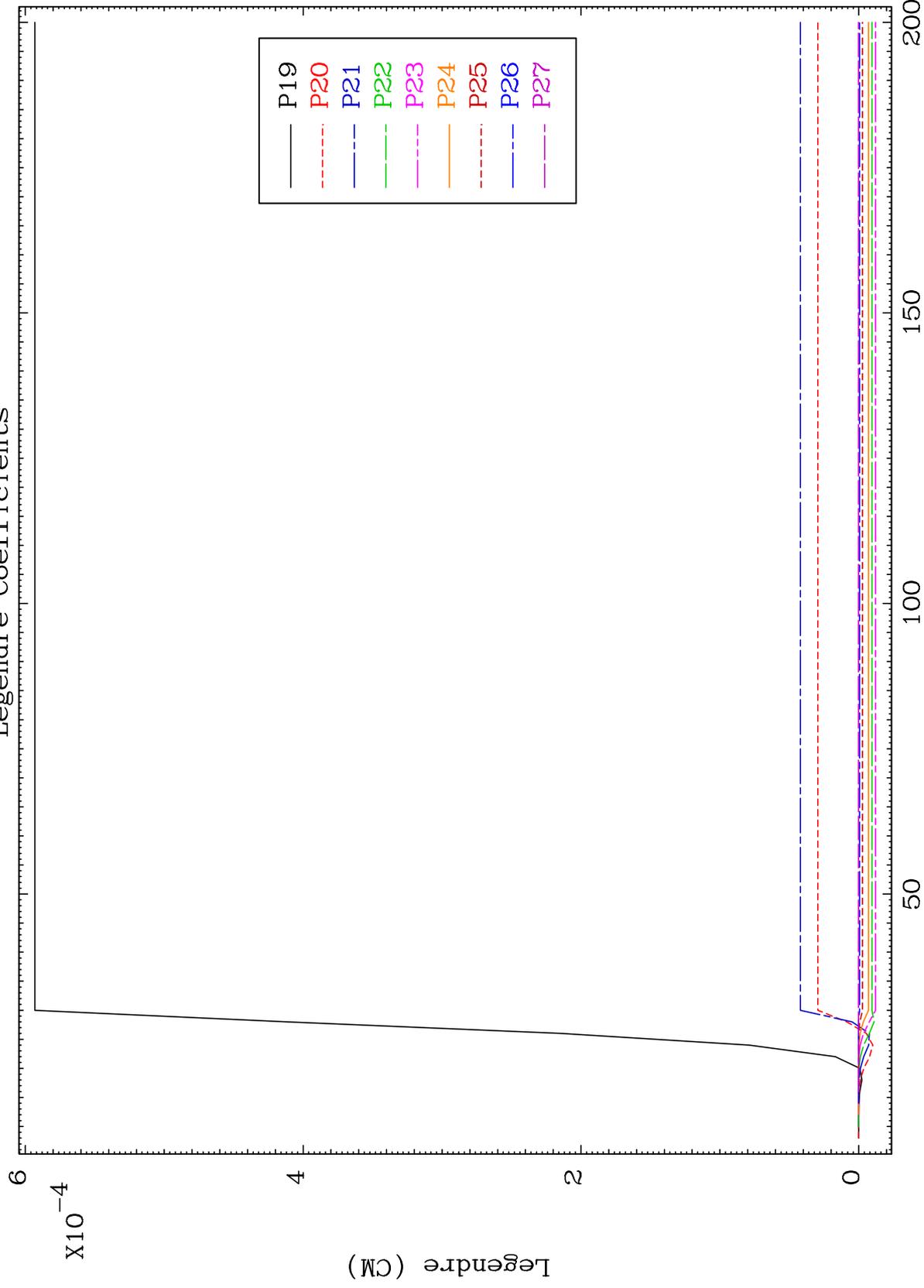
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



74

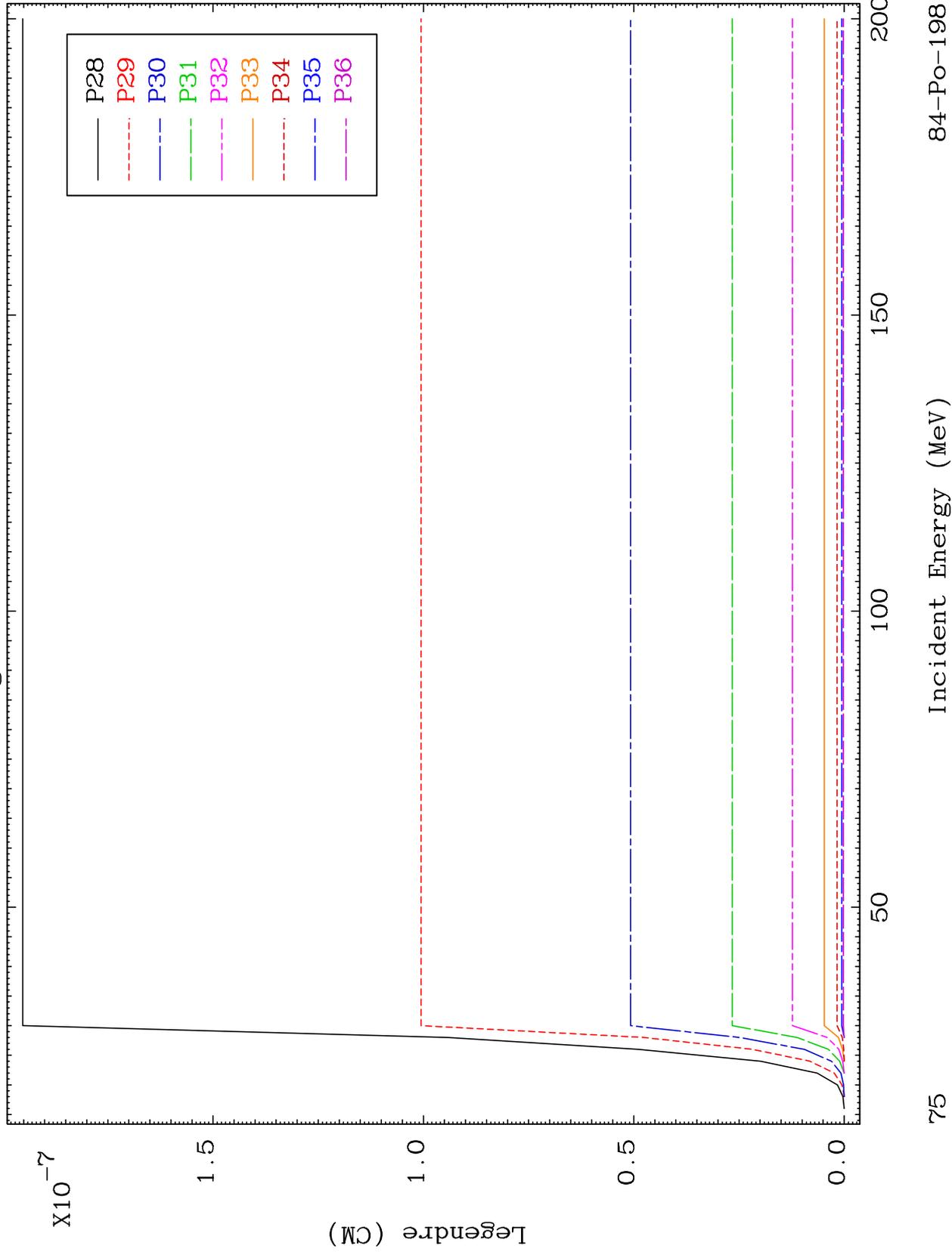
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



75

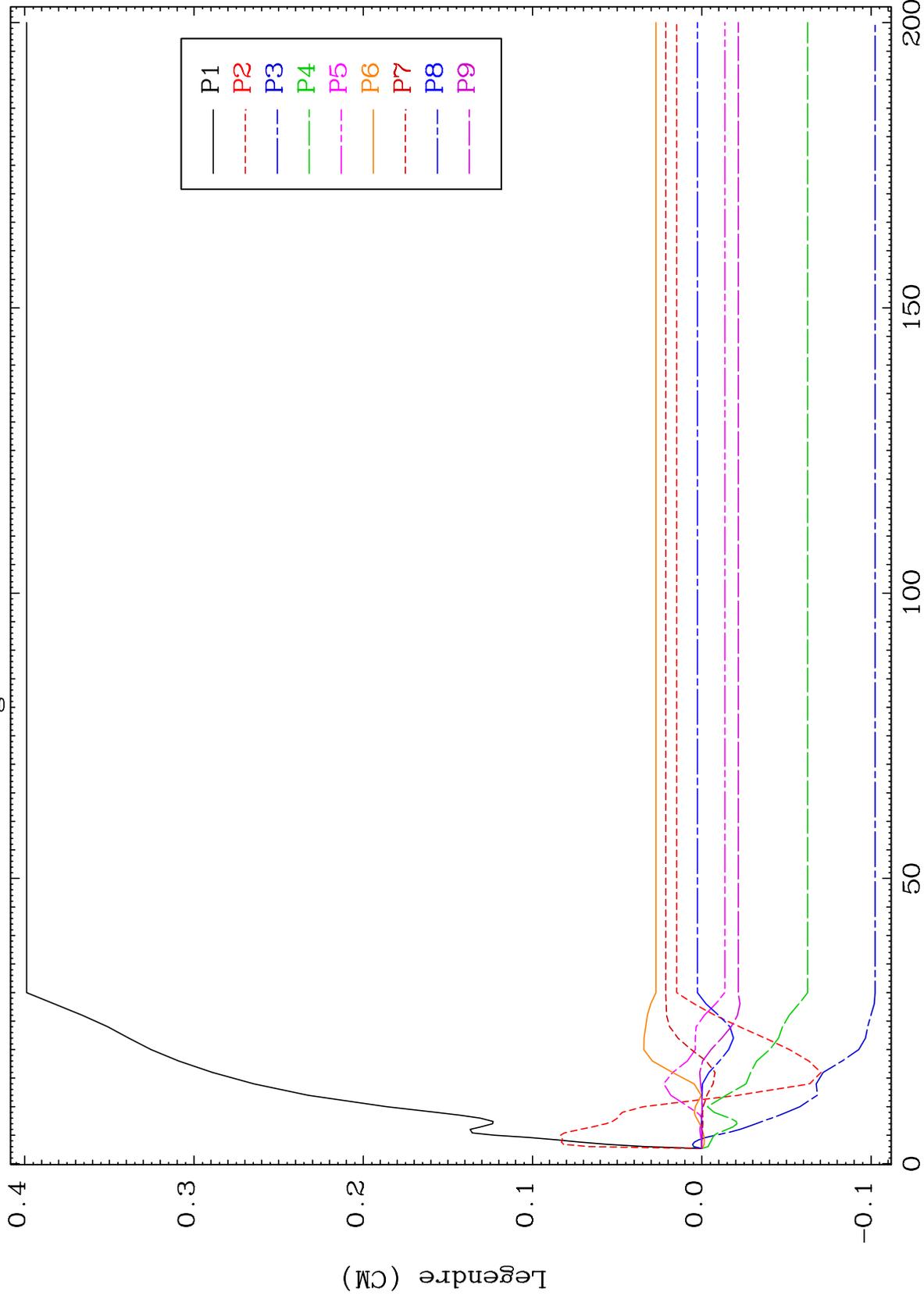
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



76

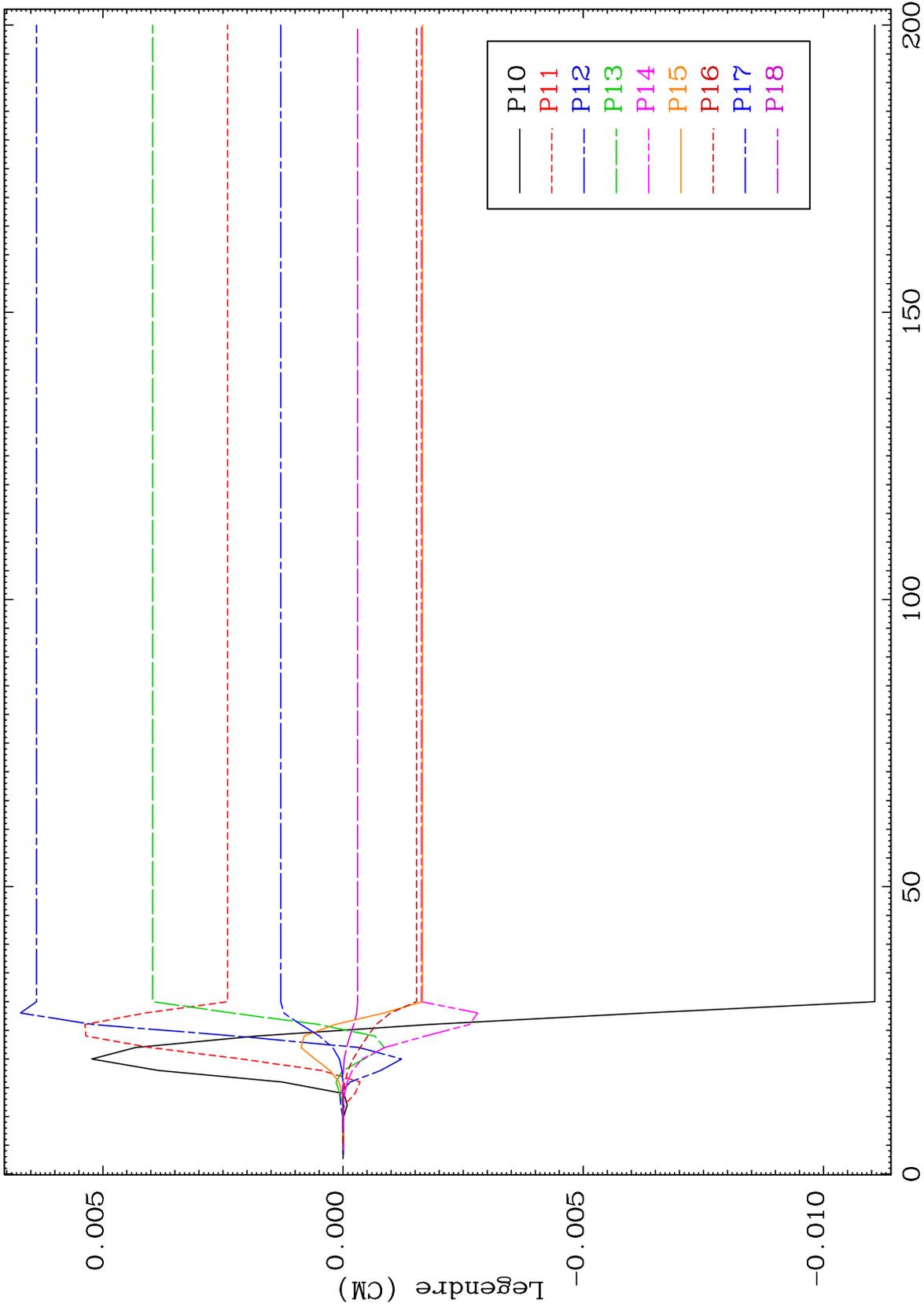
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



77

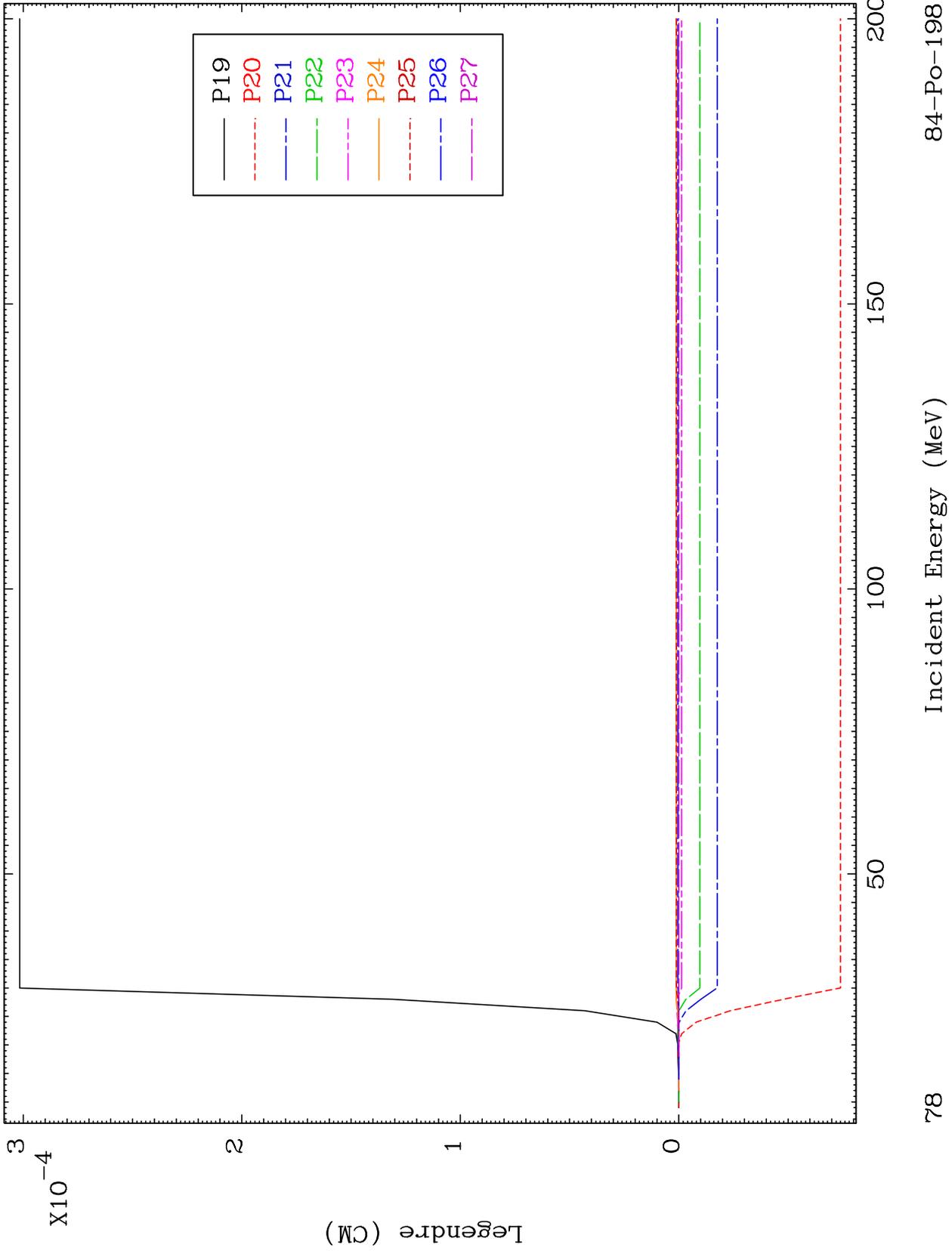
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



78

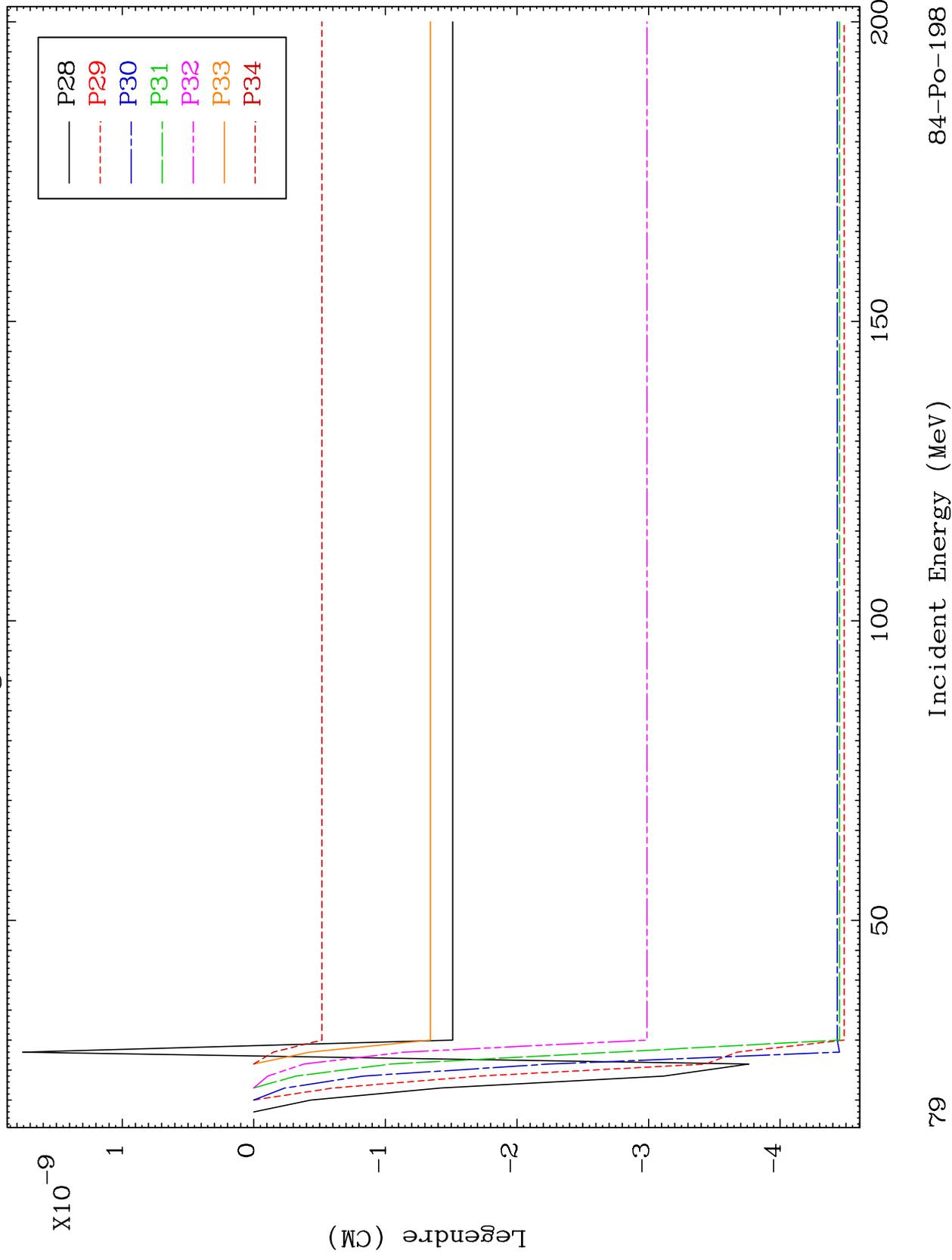
Incident Energy (MeV)

84-Po-198

MAT 8401

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

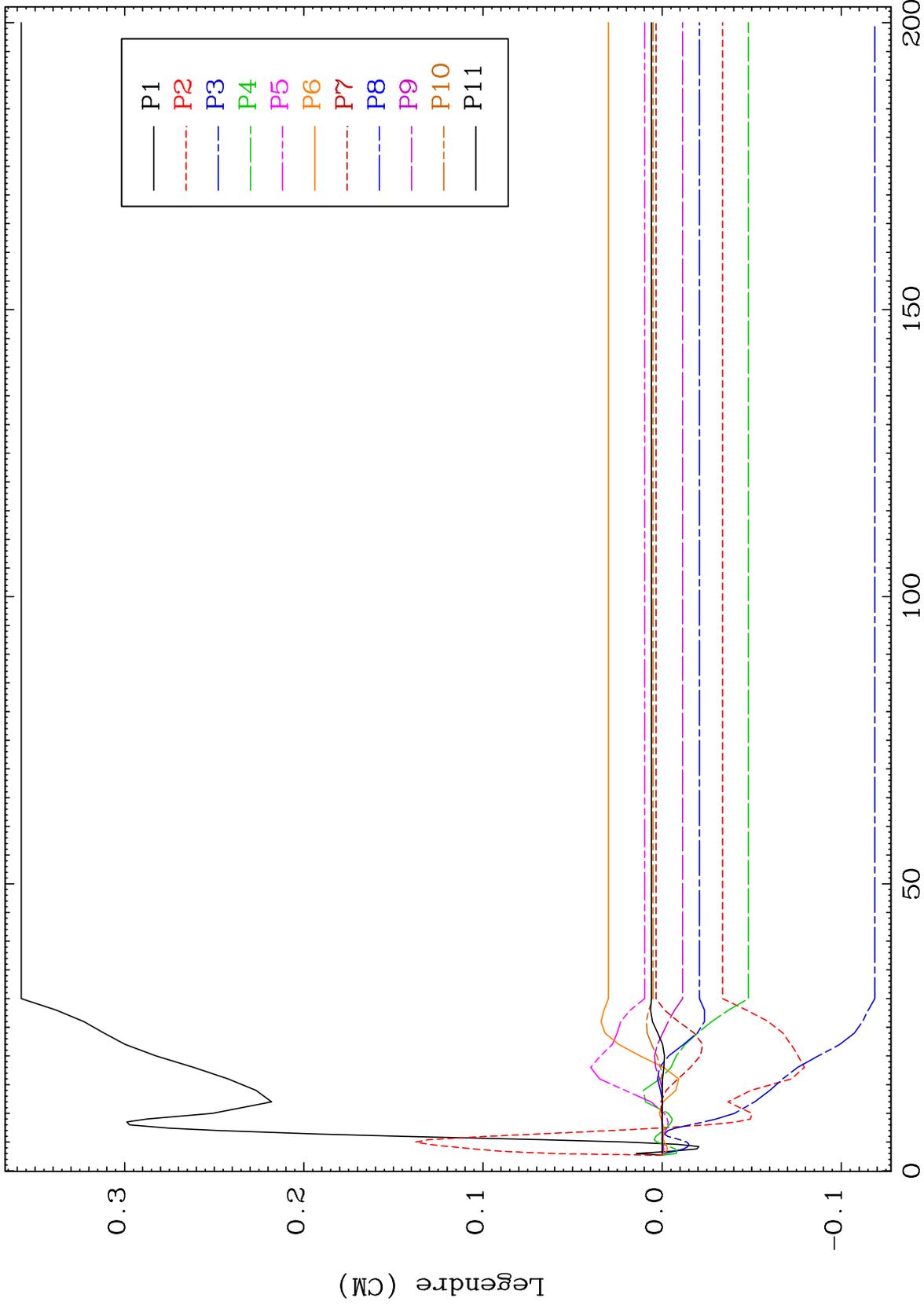
84-Po-198



MAT 8401

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

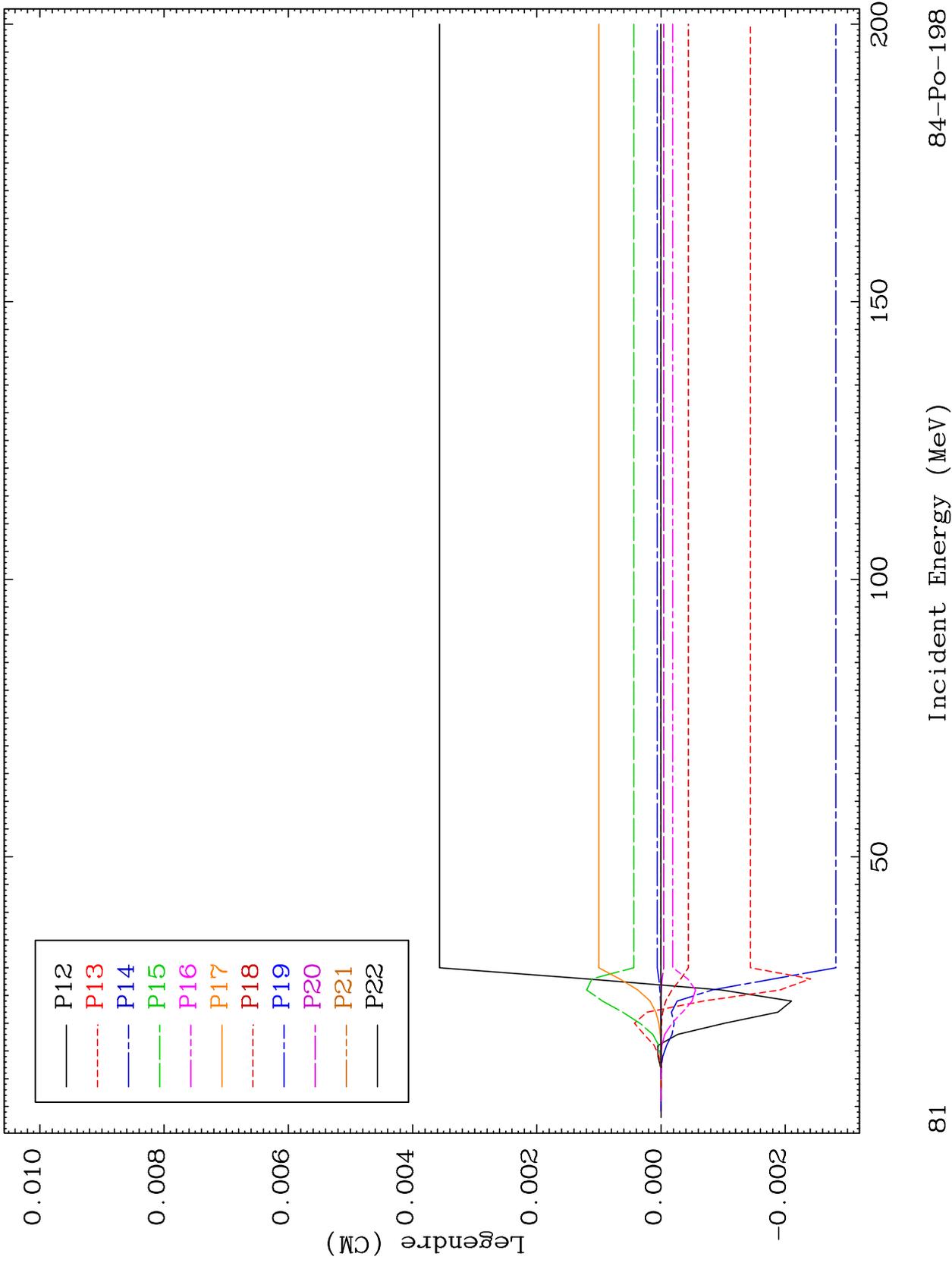
84-Po-198



80

Incident Energy (MeV)

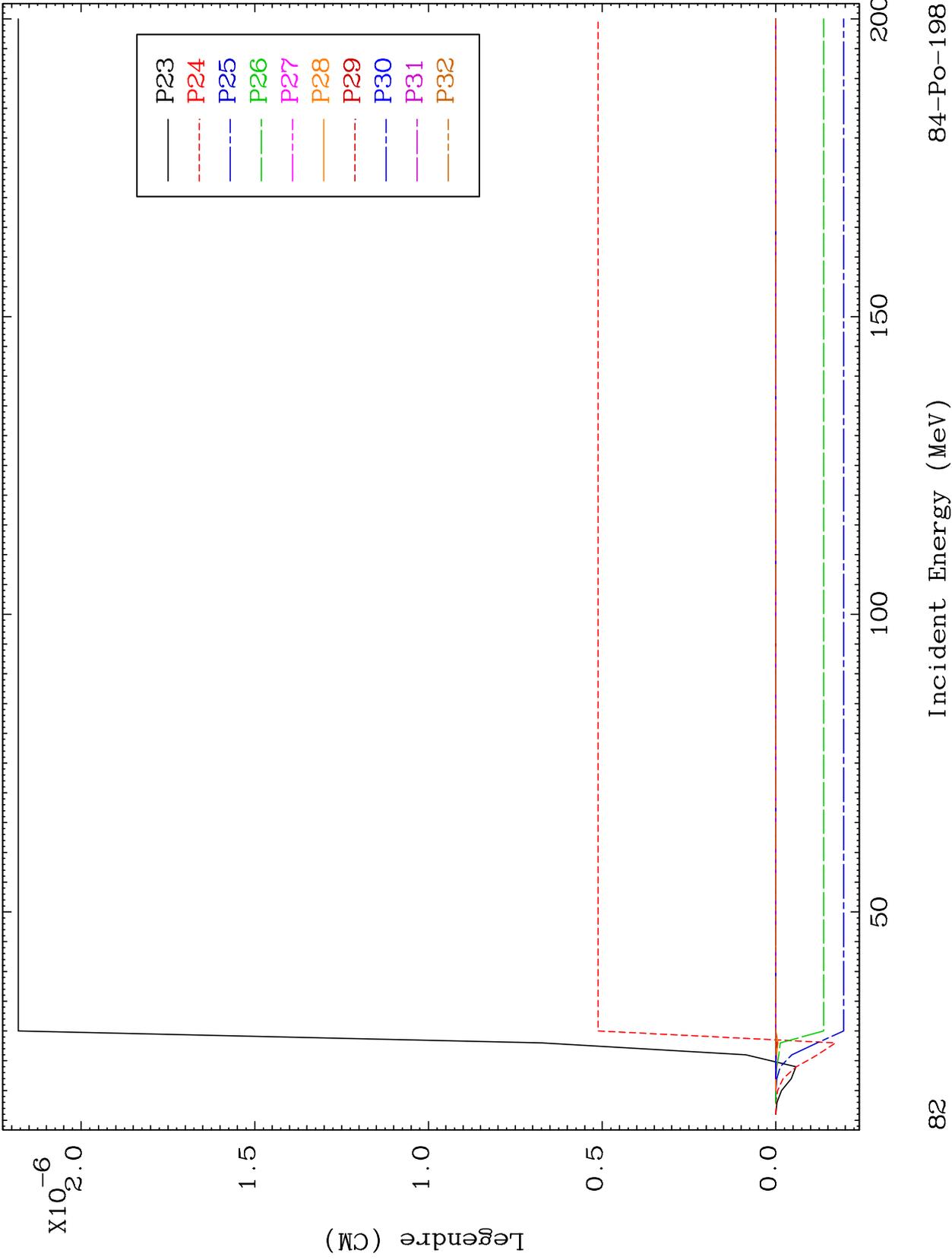
84-Po-198



MAT 8401

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

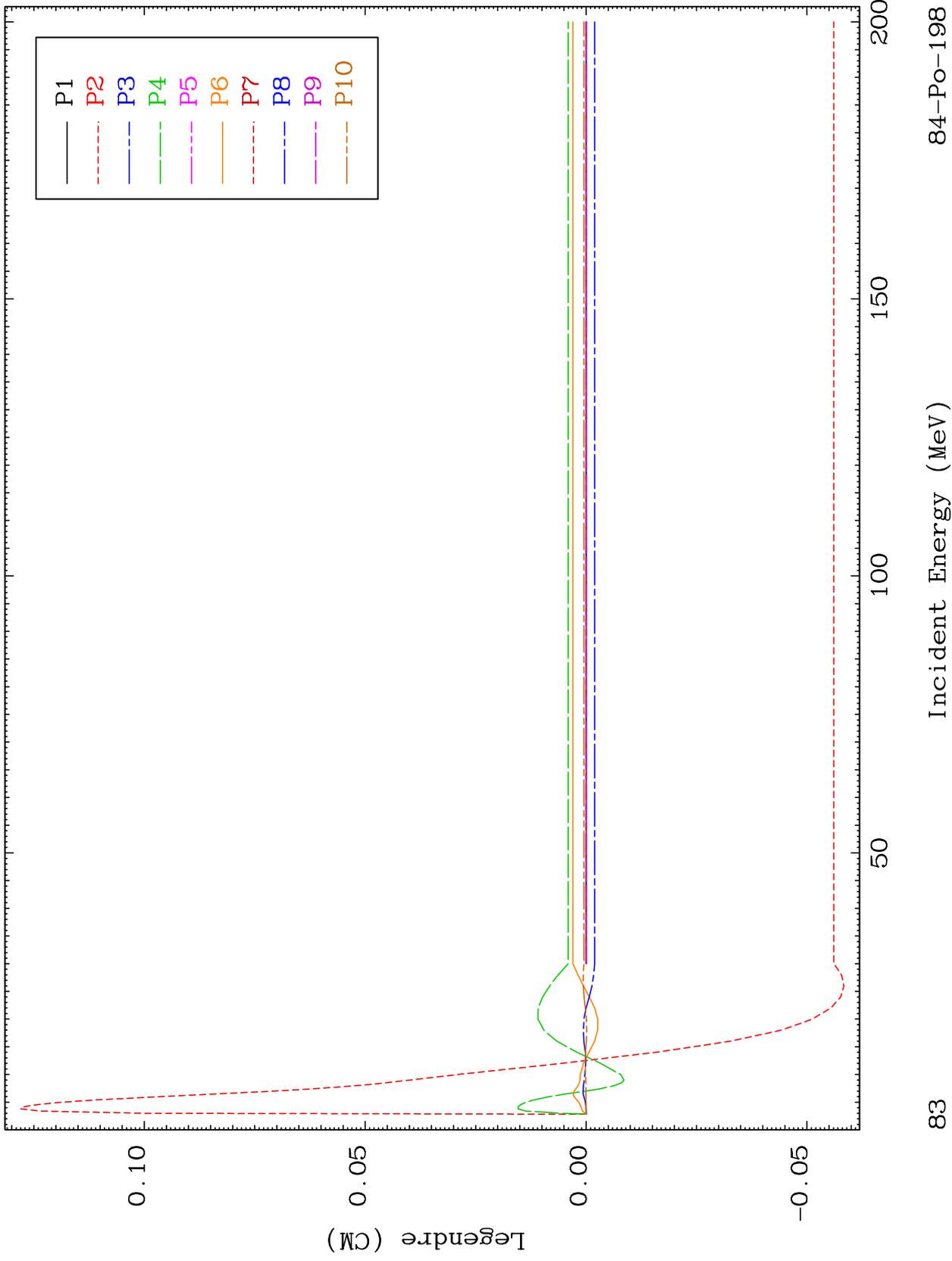
84-Po-198



MAT 8401

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

84-Po-198



83

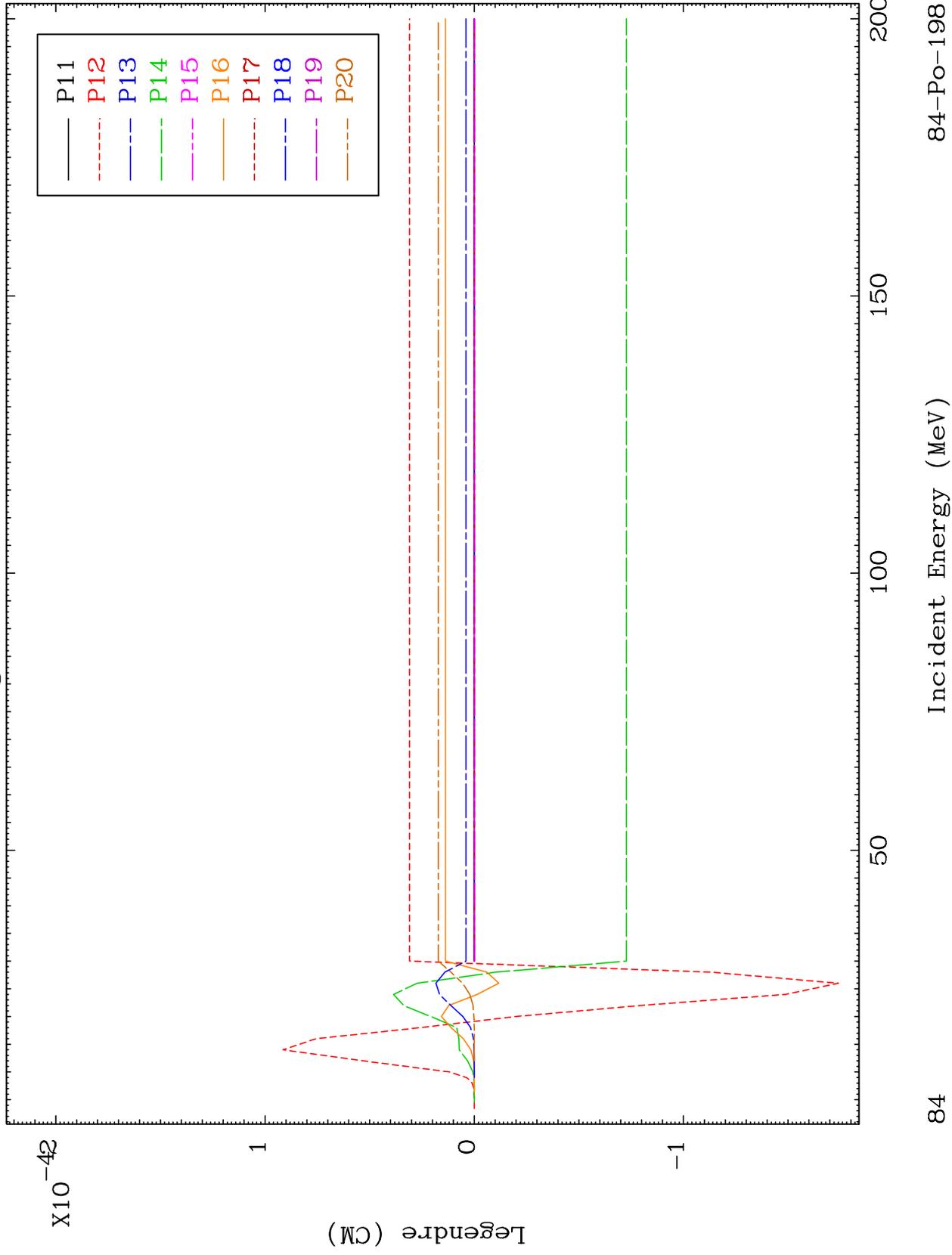
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198

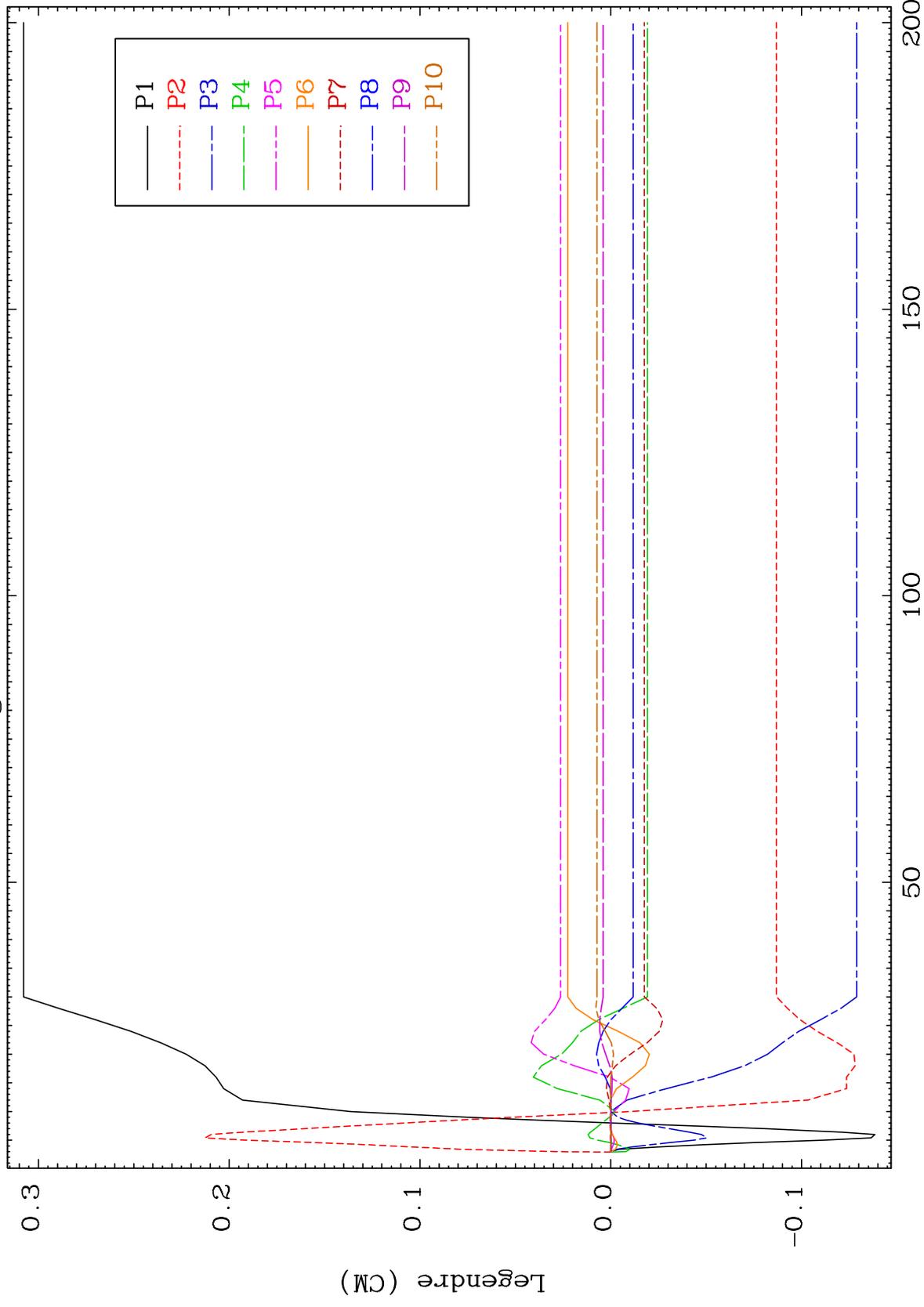


84

Incident Energy (MeV)

84-Po-198

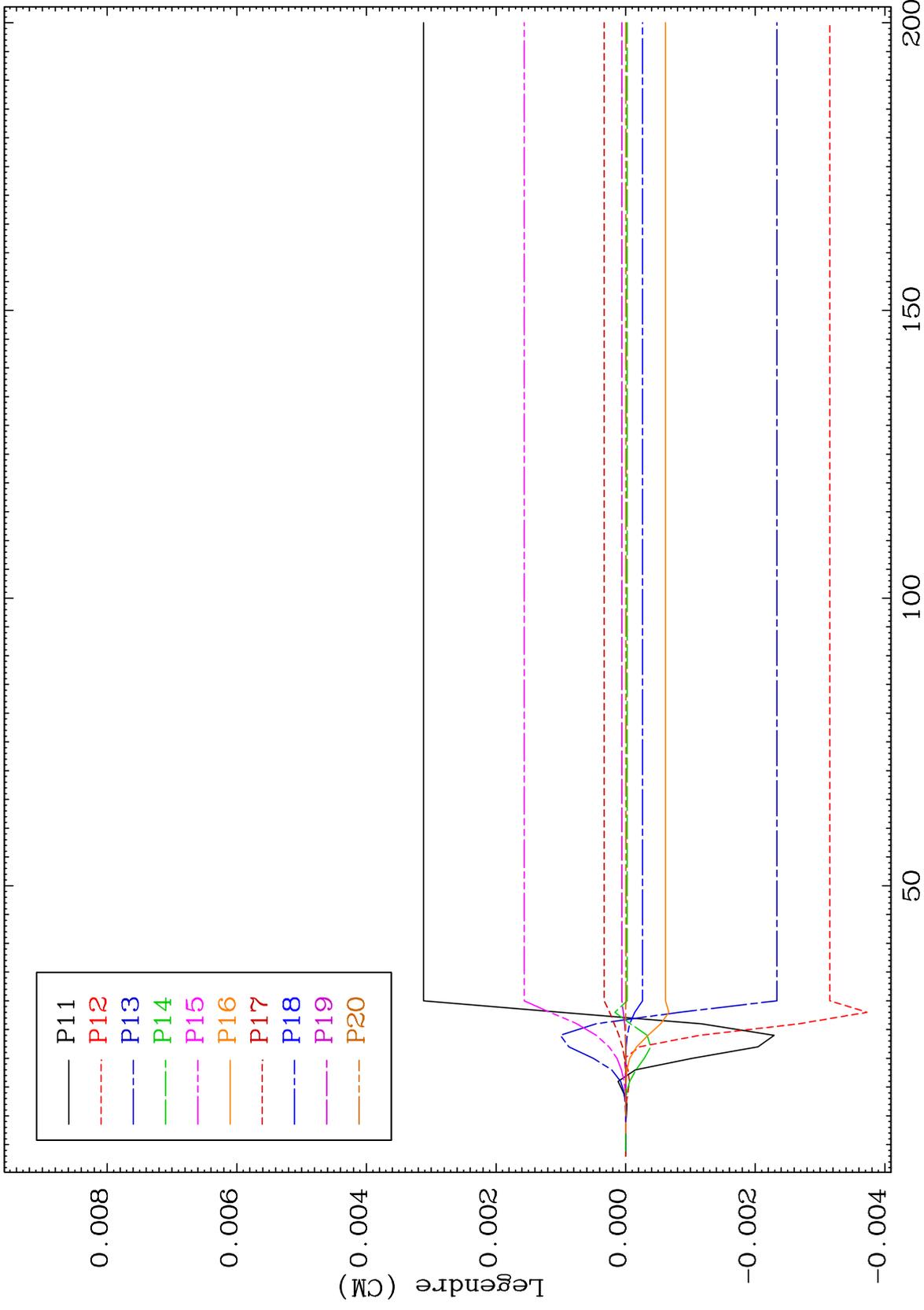




MAT 8401

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

84-Po-198



87

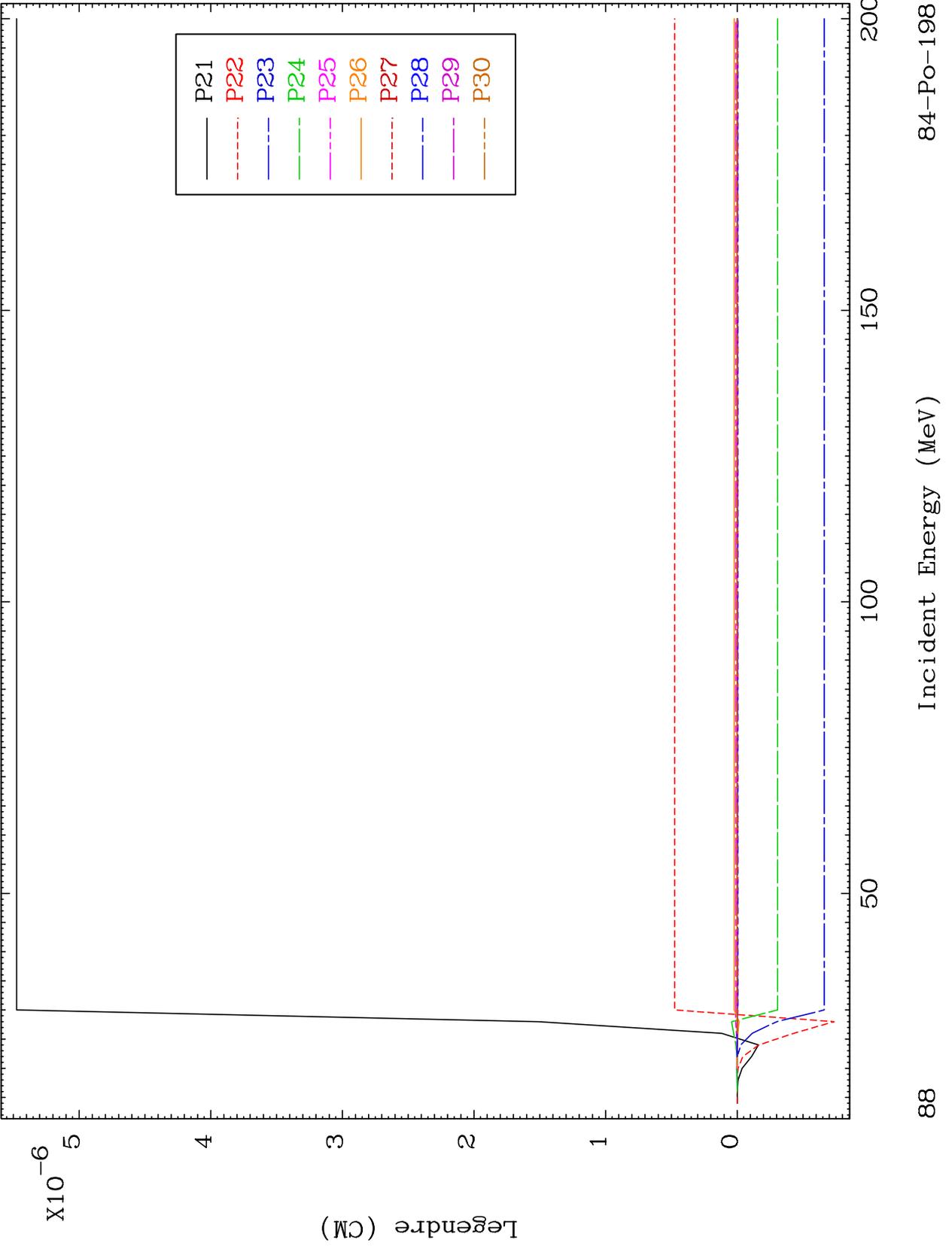
Incident Energy (MeV)

84-Po-198

MAT 8401

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

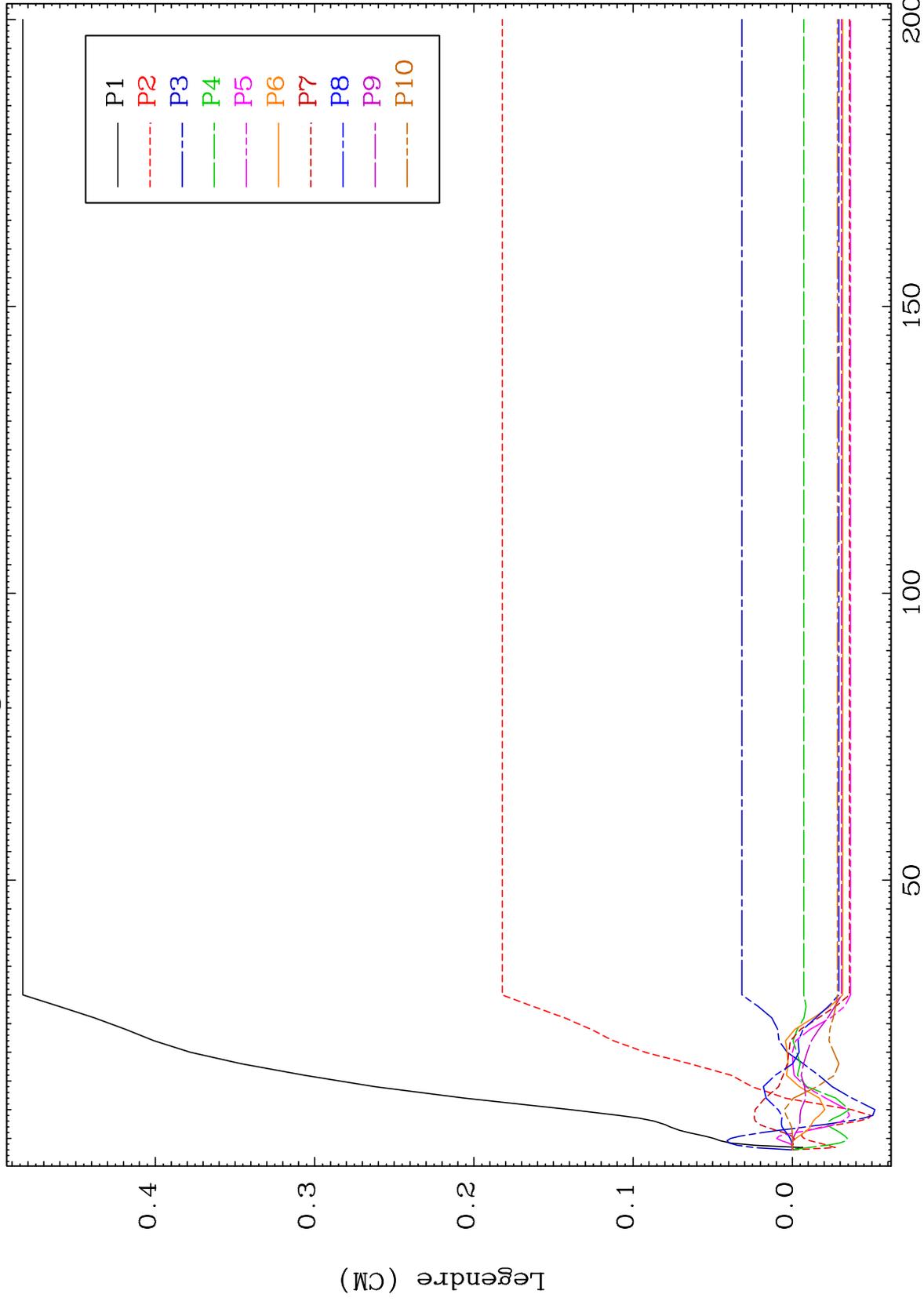
84-Po-198



MAT 8401

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

84-Po-198



89

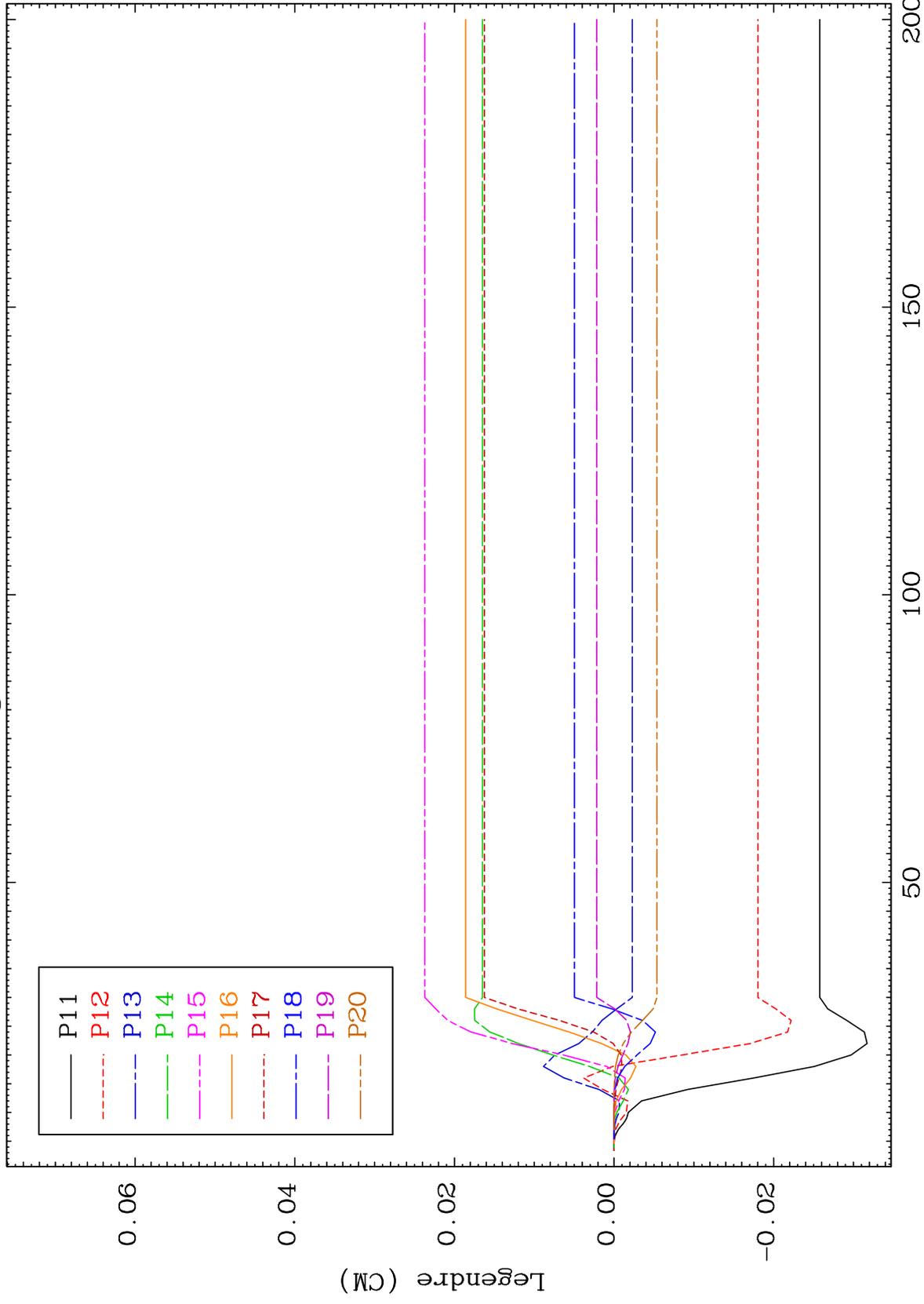
Incident Energy (MeV)

84-Po-198

MAT 8401

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

84-Po-198



90

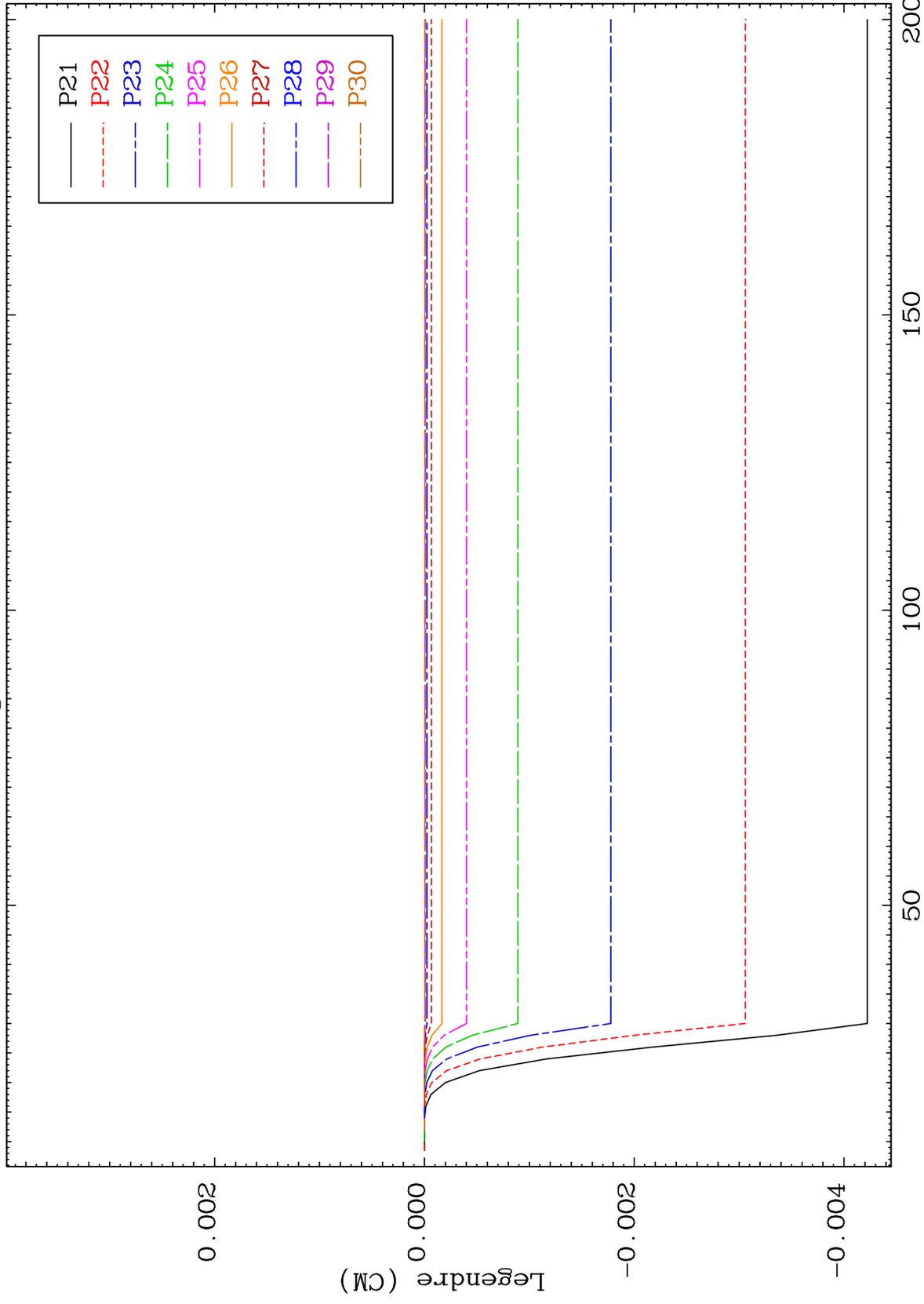
Incident Energy (MeV)

84-Po-198

MAT 8401

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

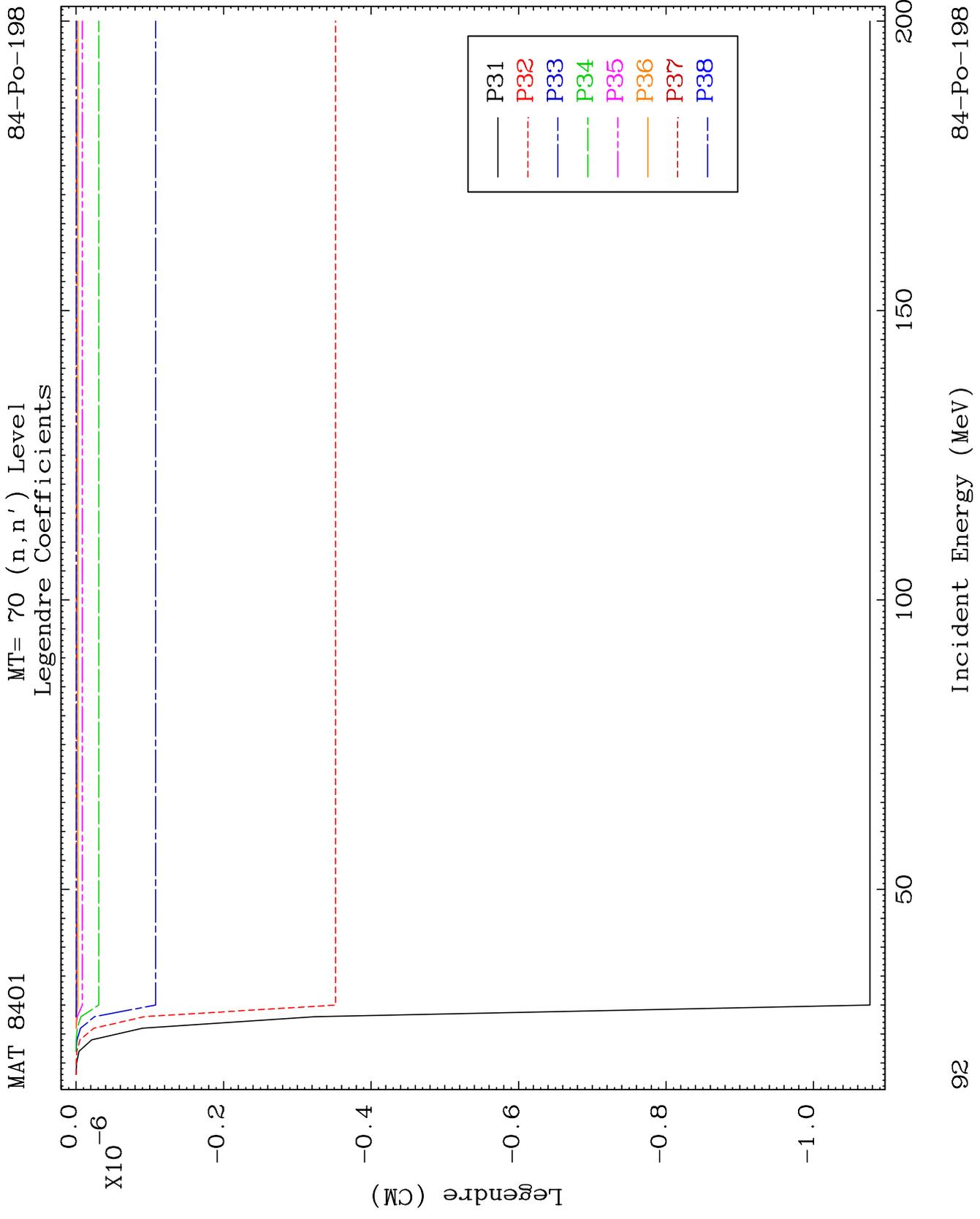
84-Po-198



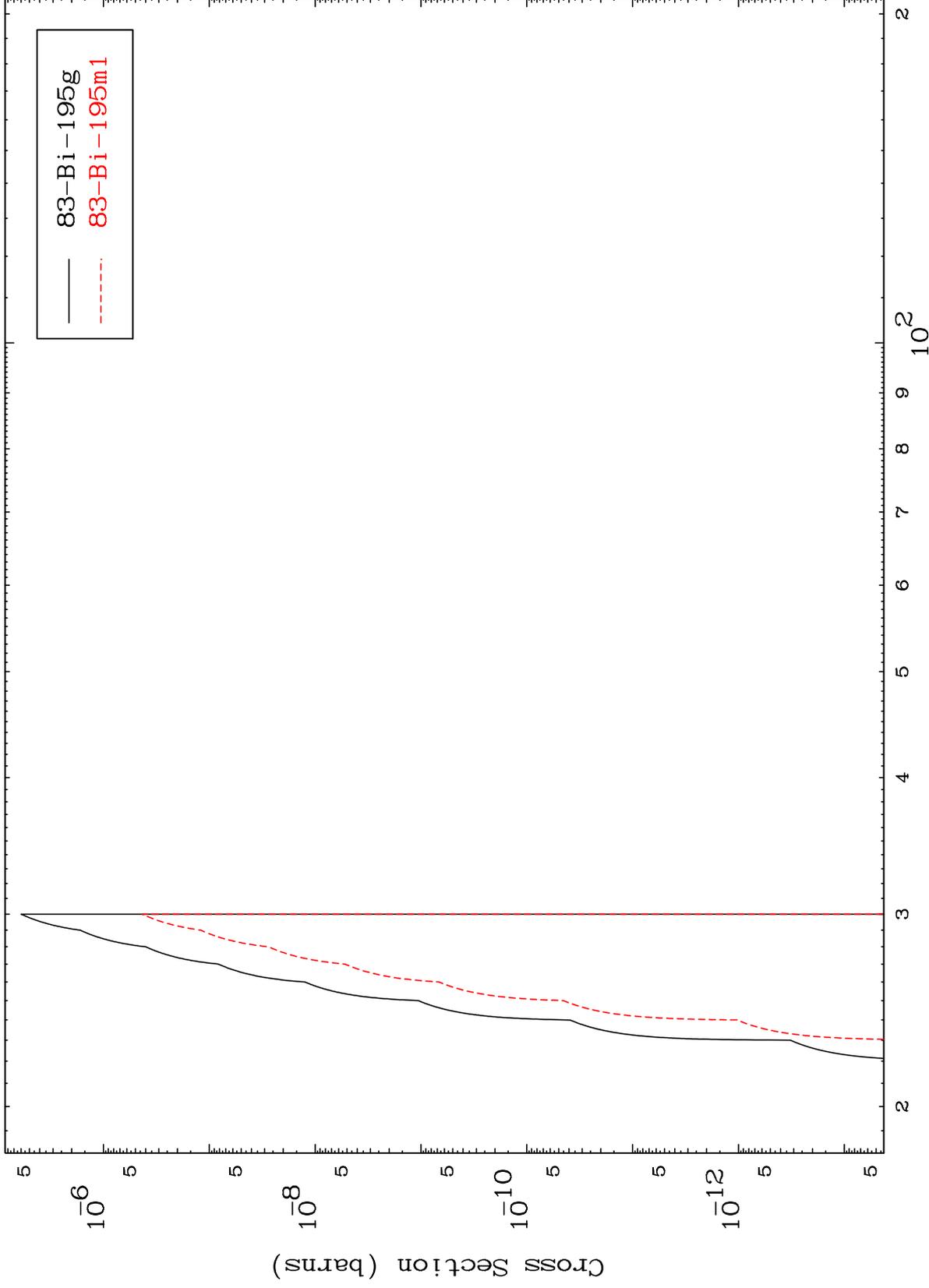
91

Incident Energy (MeV)

84-Po-198



Radionuclide Production Cross Section

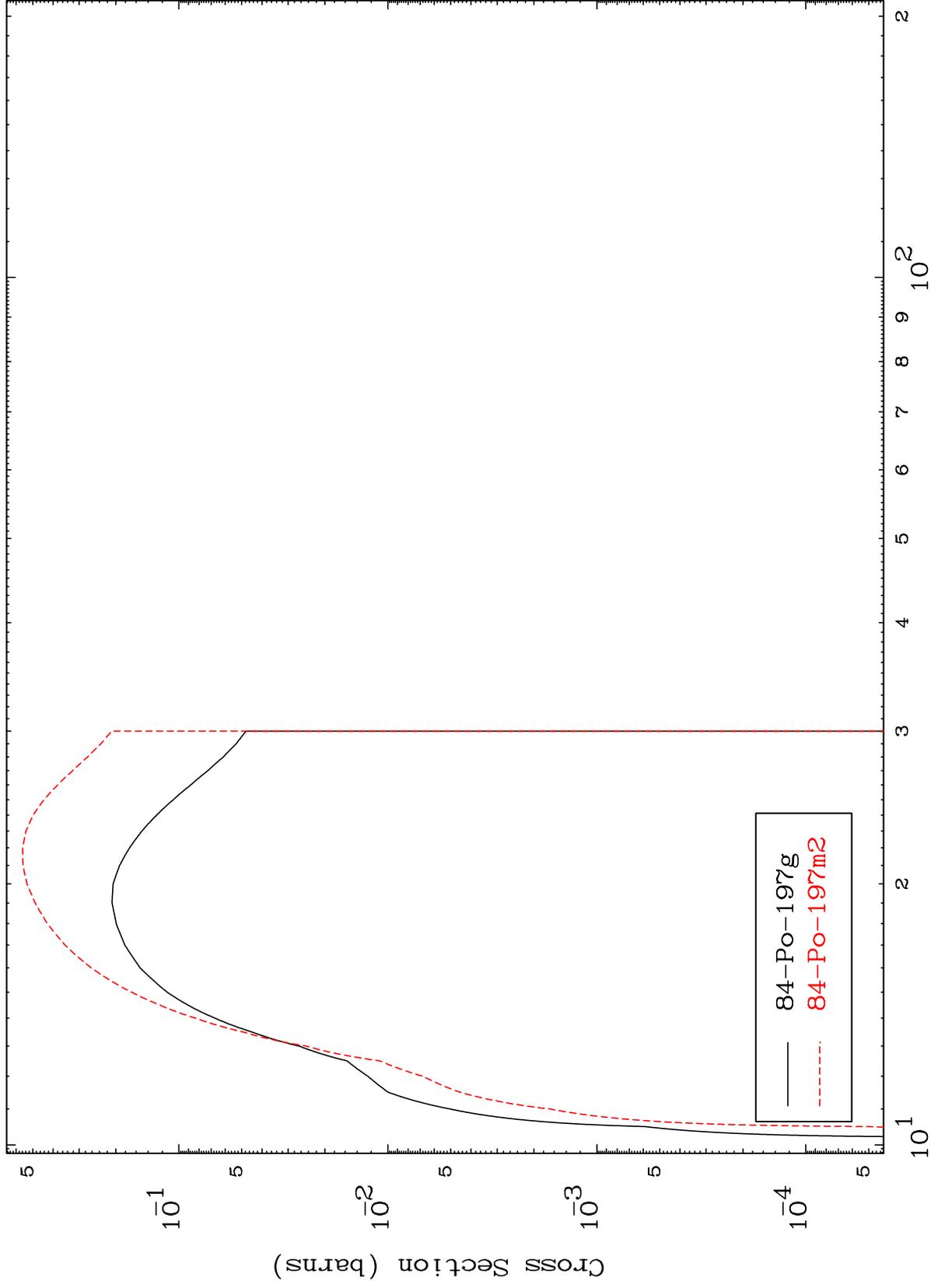


83-Bi-195g  
83-Bi-195m1

MAT 8401

84-Po-198

Radionuclide Production Cross Section  
(n,2n)



84-Po-198

Incident Energy (MeV)

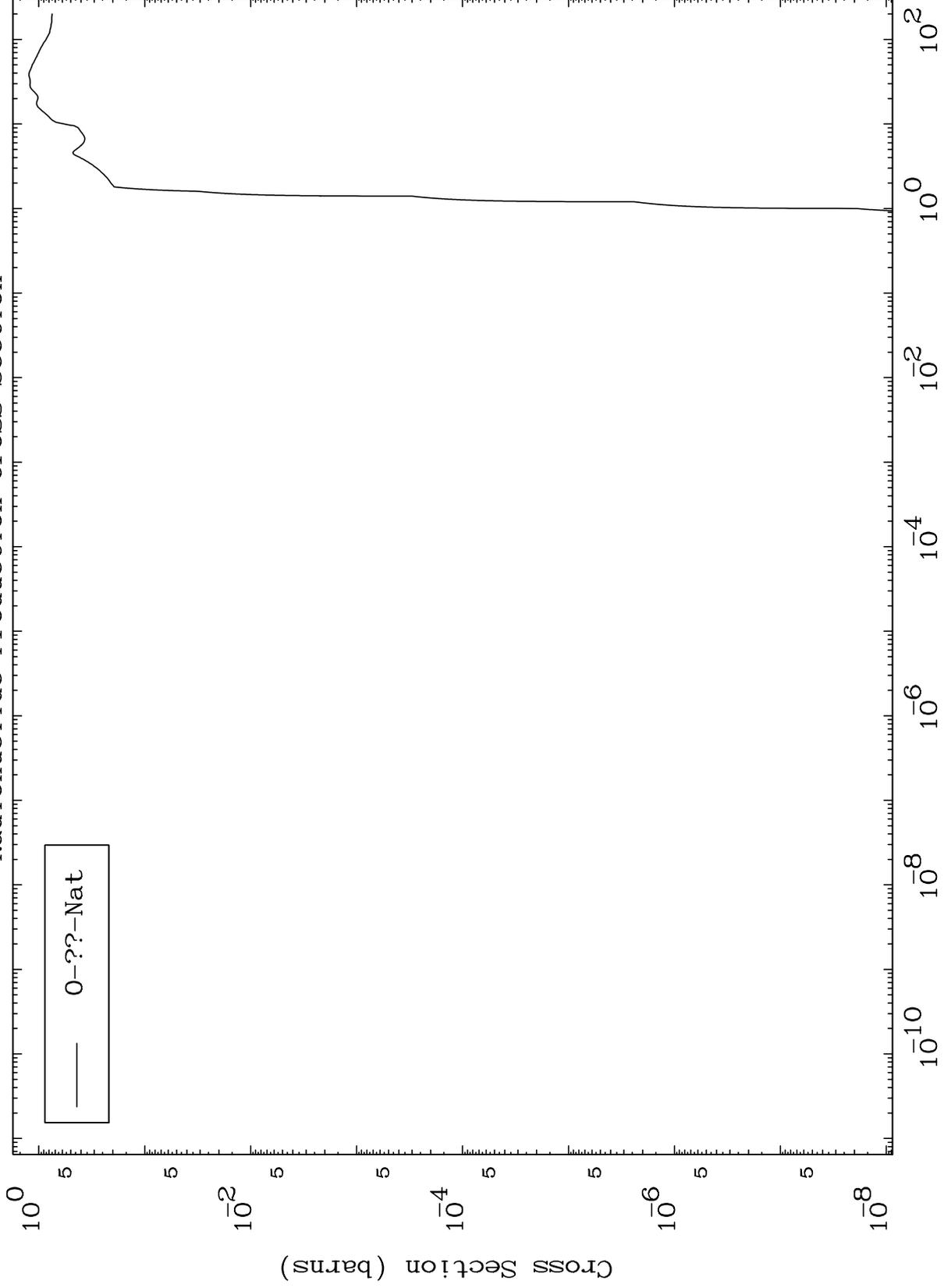
94

MAT 8401

Fission

84-Po-198

Radionuclide Production Cross Section



95

Incident Energy (MeV)

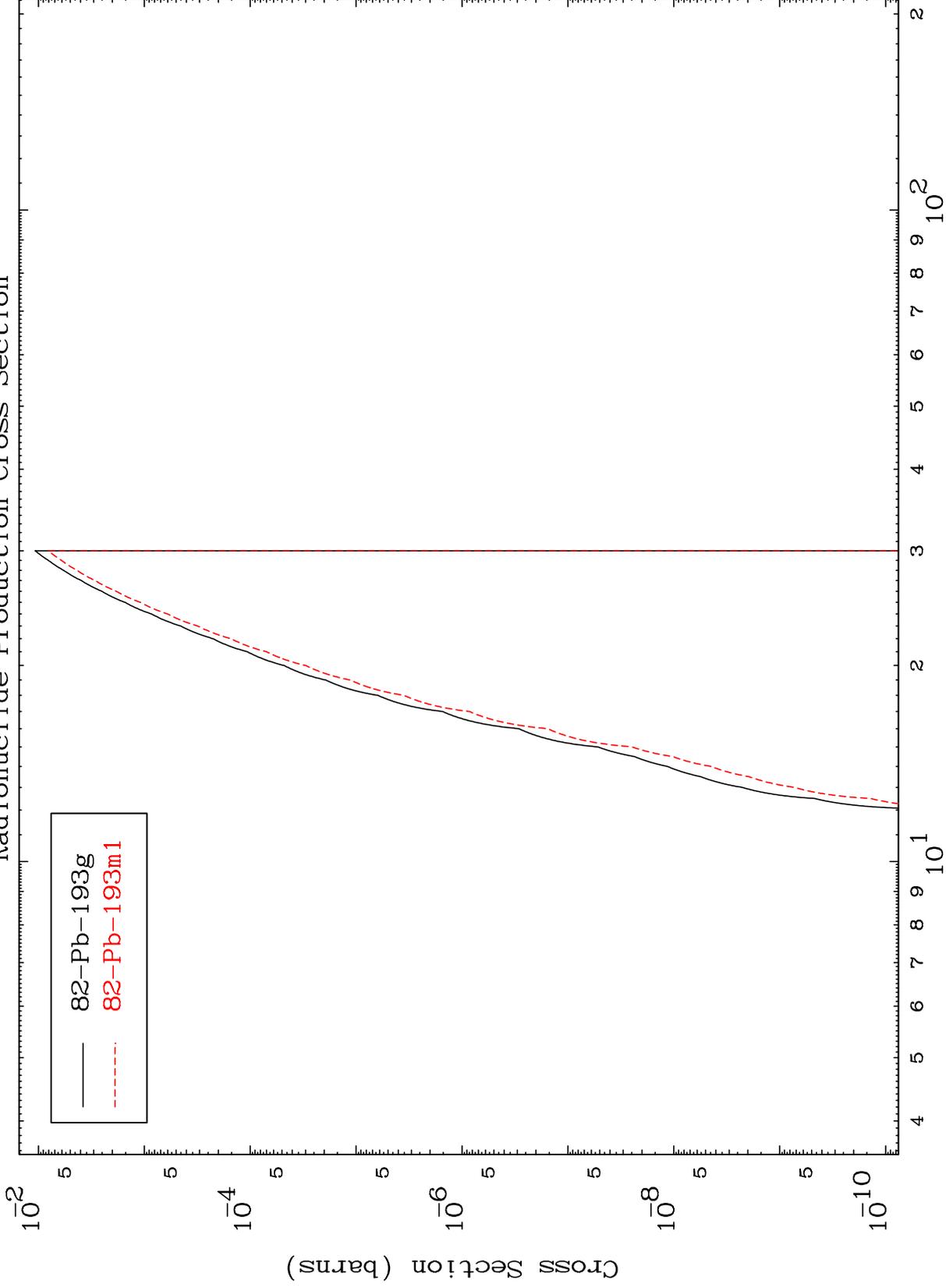
84-Po-198

MAT 8401

$(n,2n) \alpha$

84-Po-198

Radionuclide Production Cross Section



82-Pb-193g  
82-Pb-193m1

96

Incident Energy (MeV)

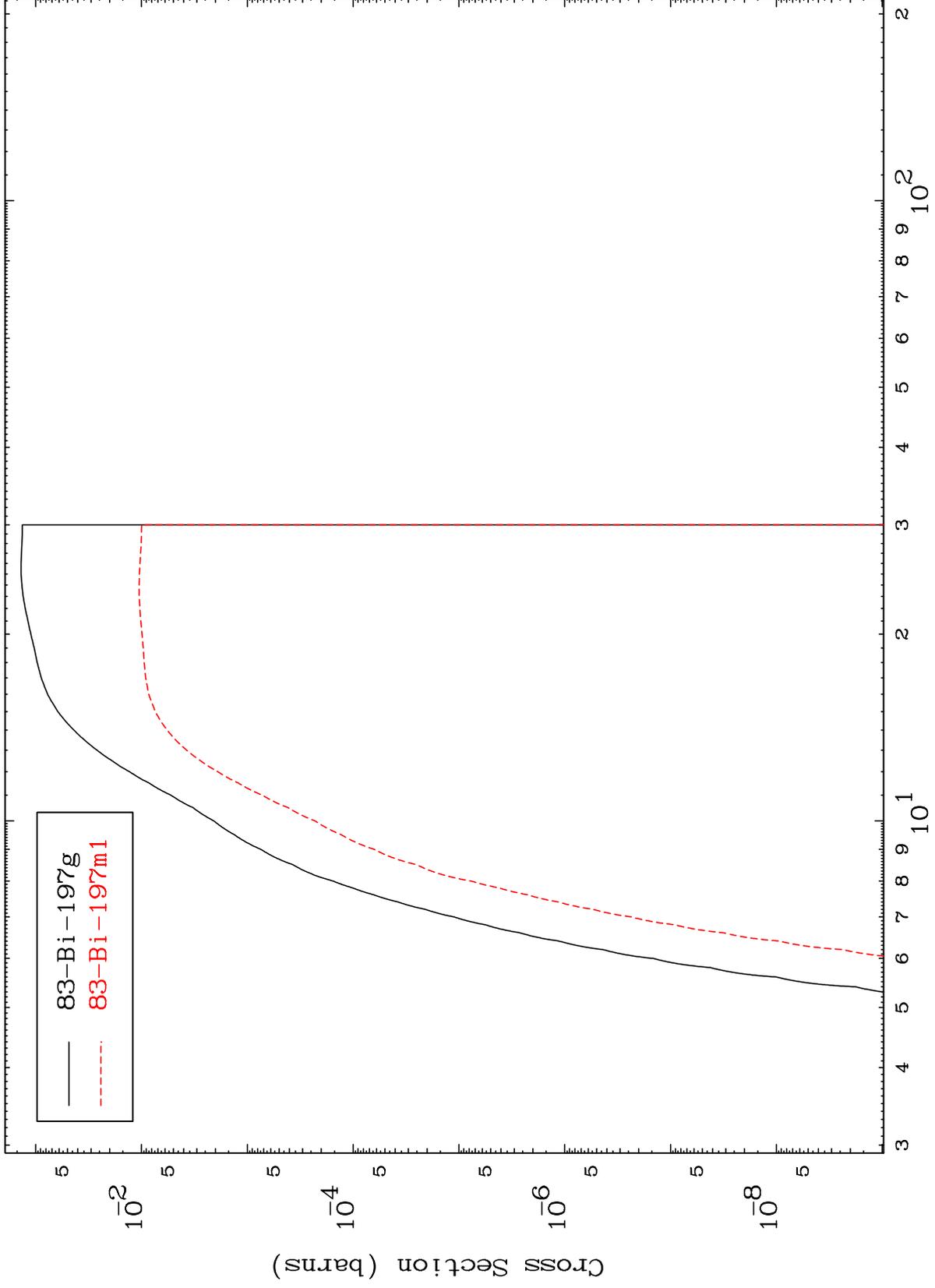
84-Po-198

MAT 8401

(n,n') p

84-Po-198

Radionuclide Production Cross Section



97

Incident Energy (MeV)

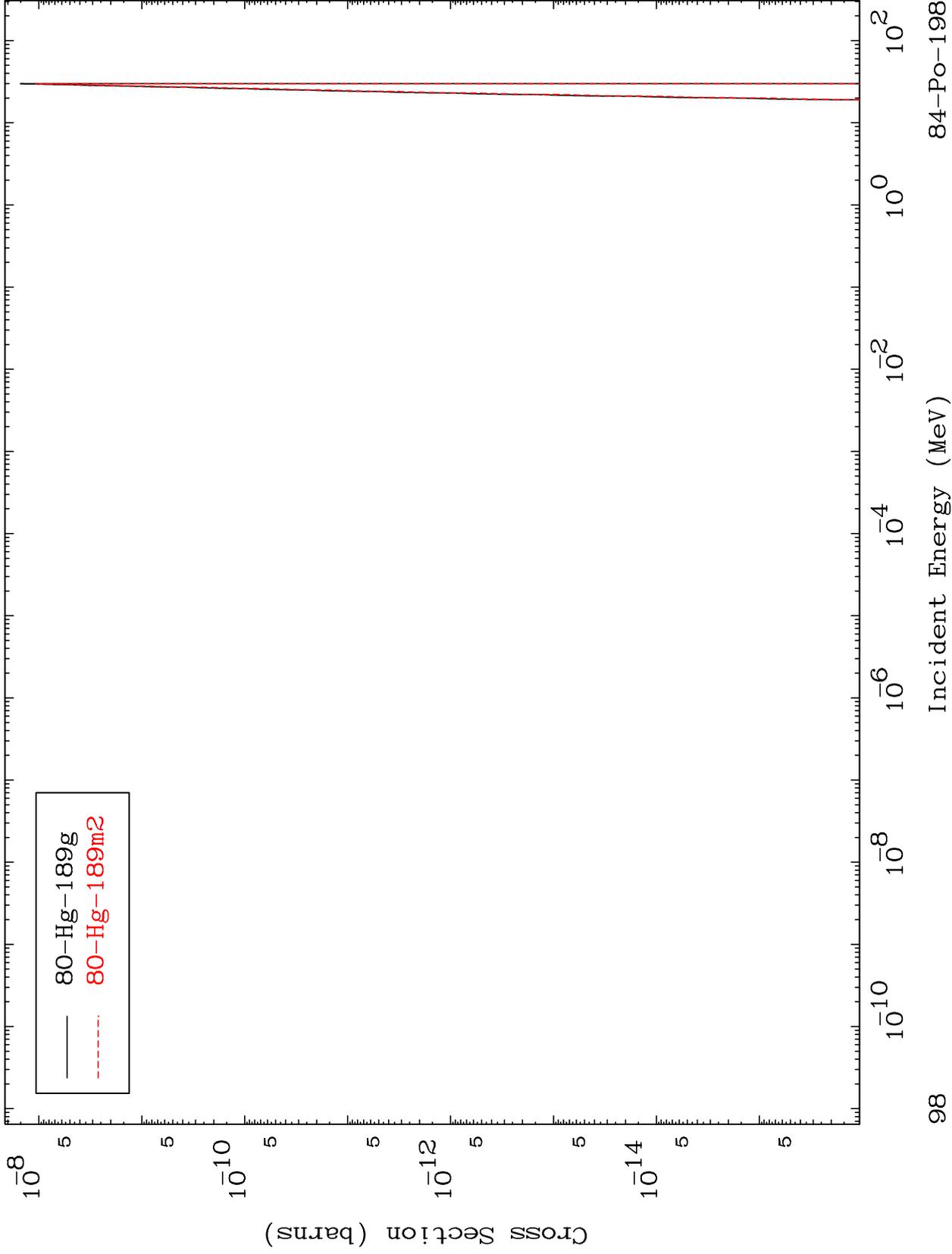
84-Po-198

MAT 8401

(n,2n) 2α

84-Po-198

Radionuclide Production Cross Section

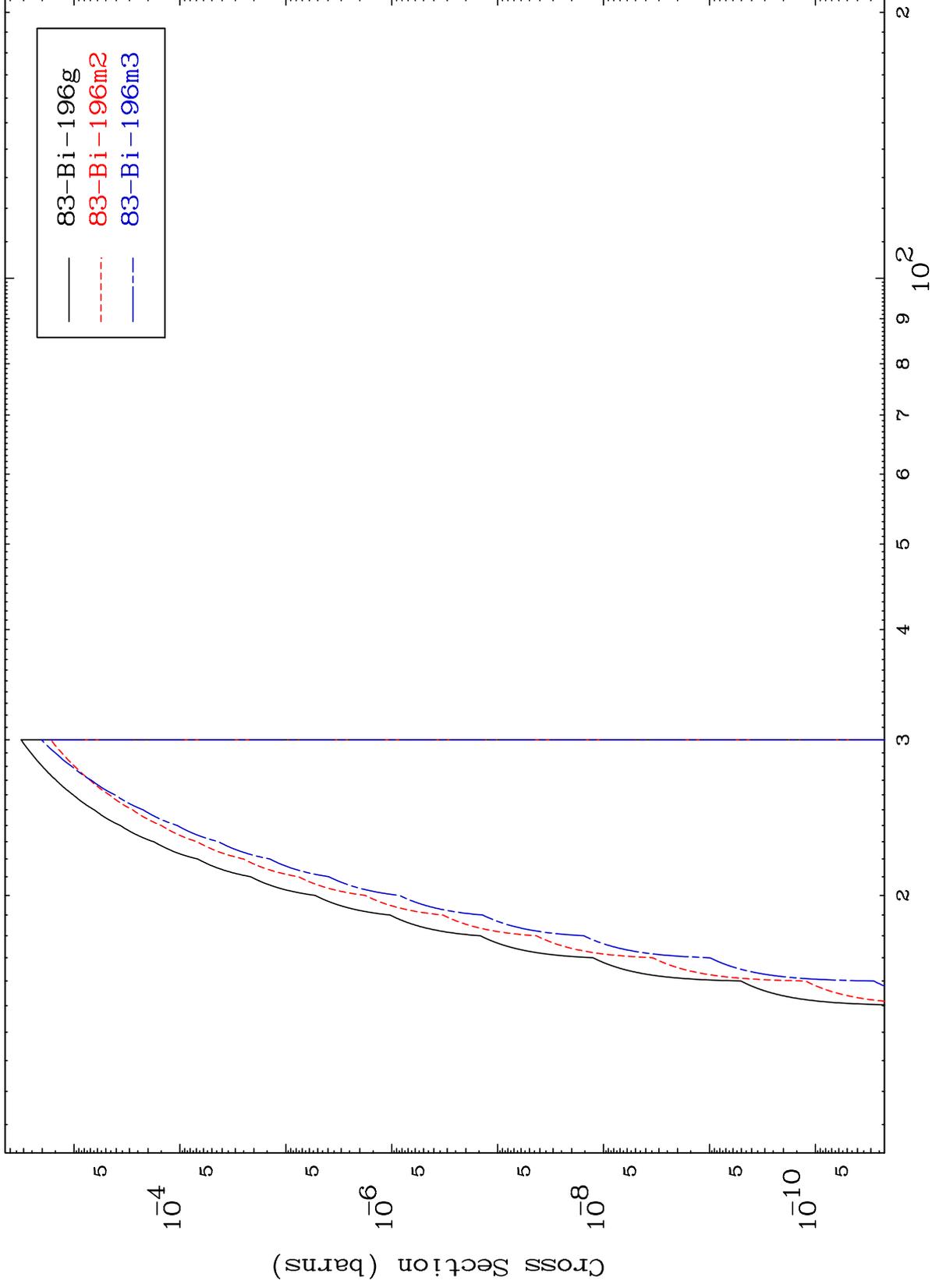


98

Incident Energy (MeV)

84-Po-198

Radionuclide Production Cross Section

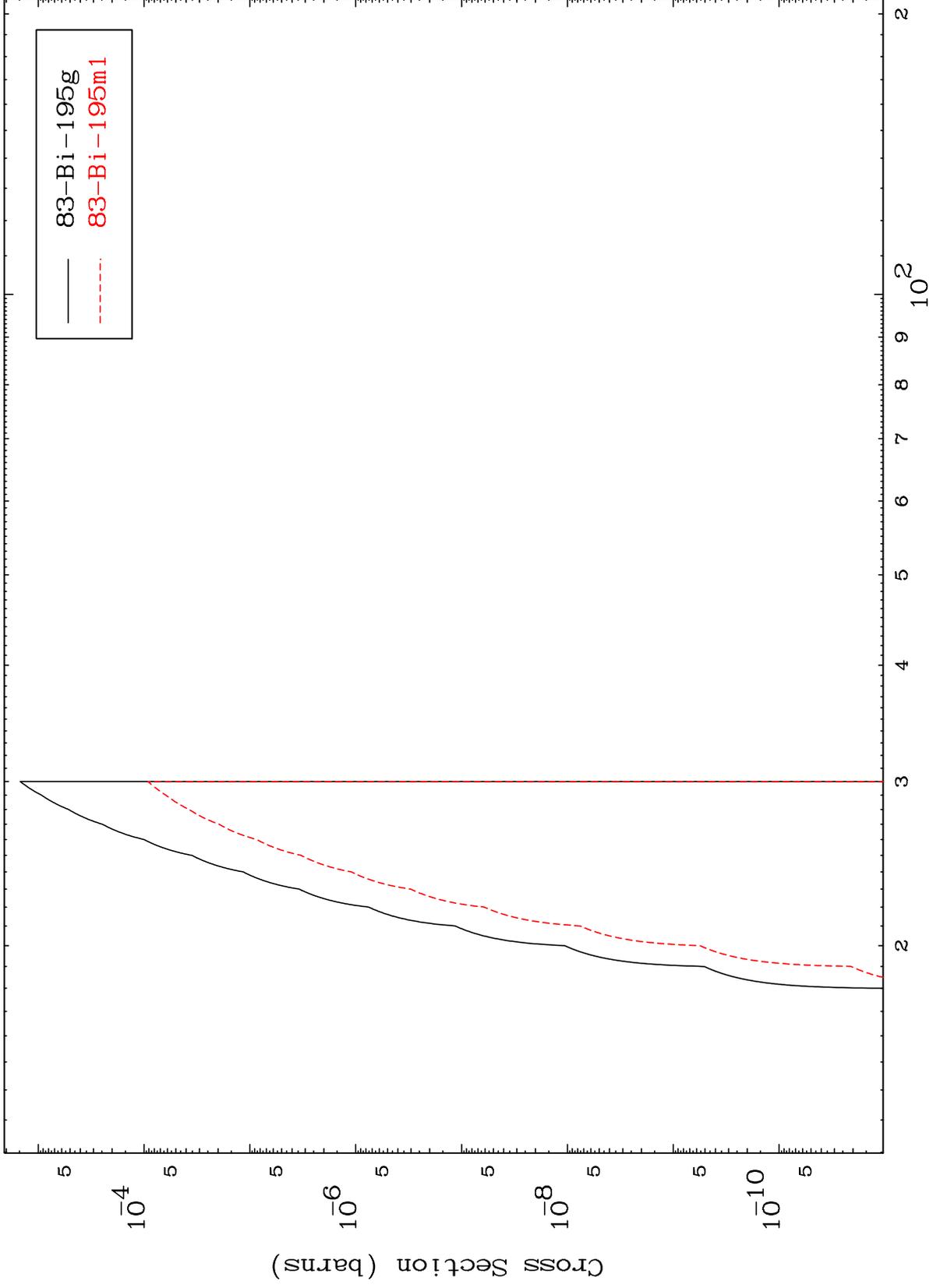


MAT 8401

(n,n') t

84-Po-198

Radionuclide Production Cross Section



100

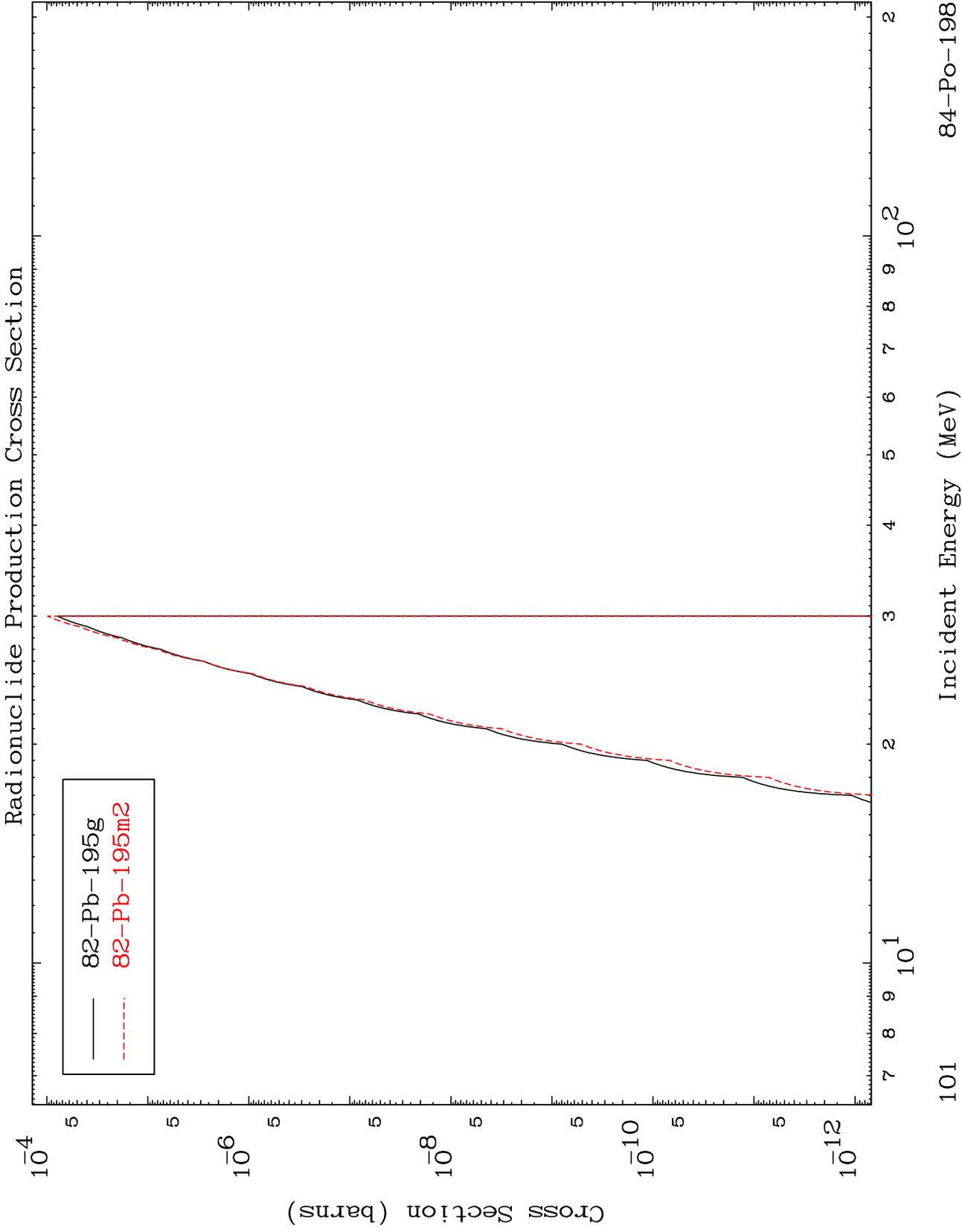
Incident Energy (MeV)

84-Po-198

MAT 8401

(n,n') He-3

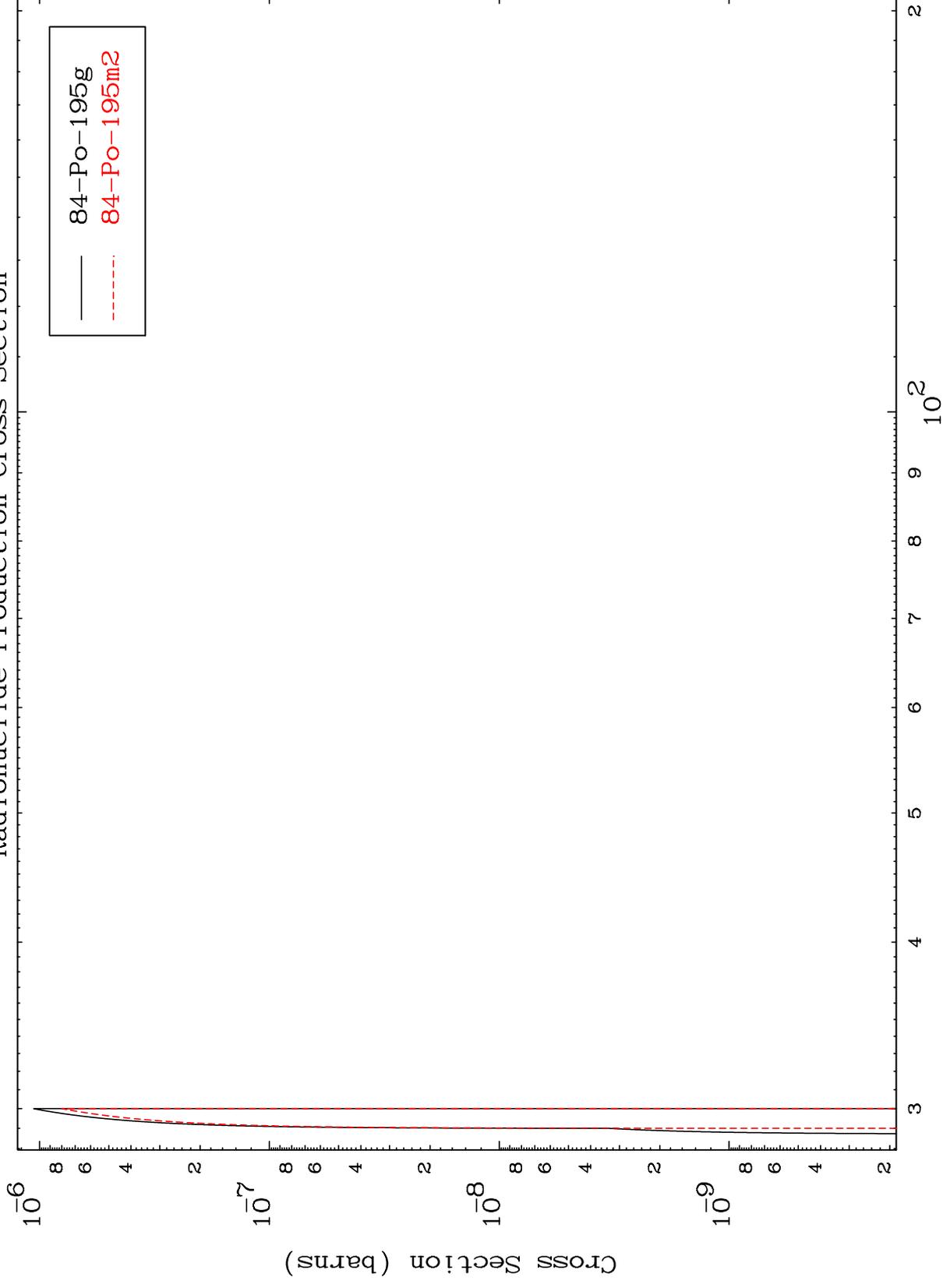
84-Po-198



MAT 8401

84-Po-198

(n,4n)  
Radionuclide Production Cross Section

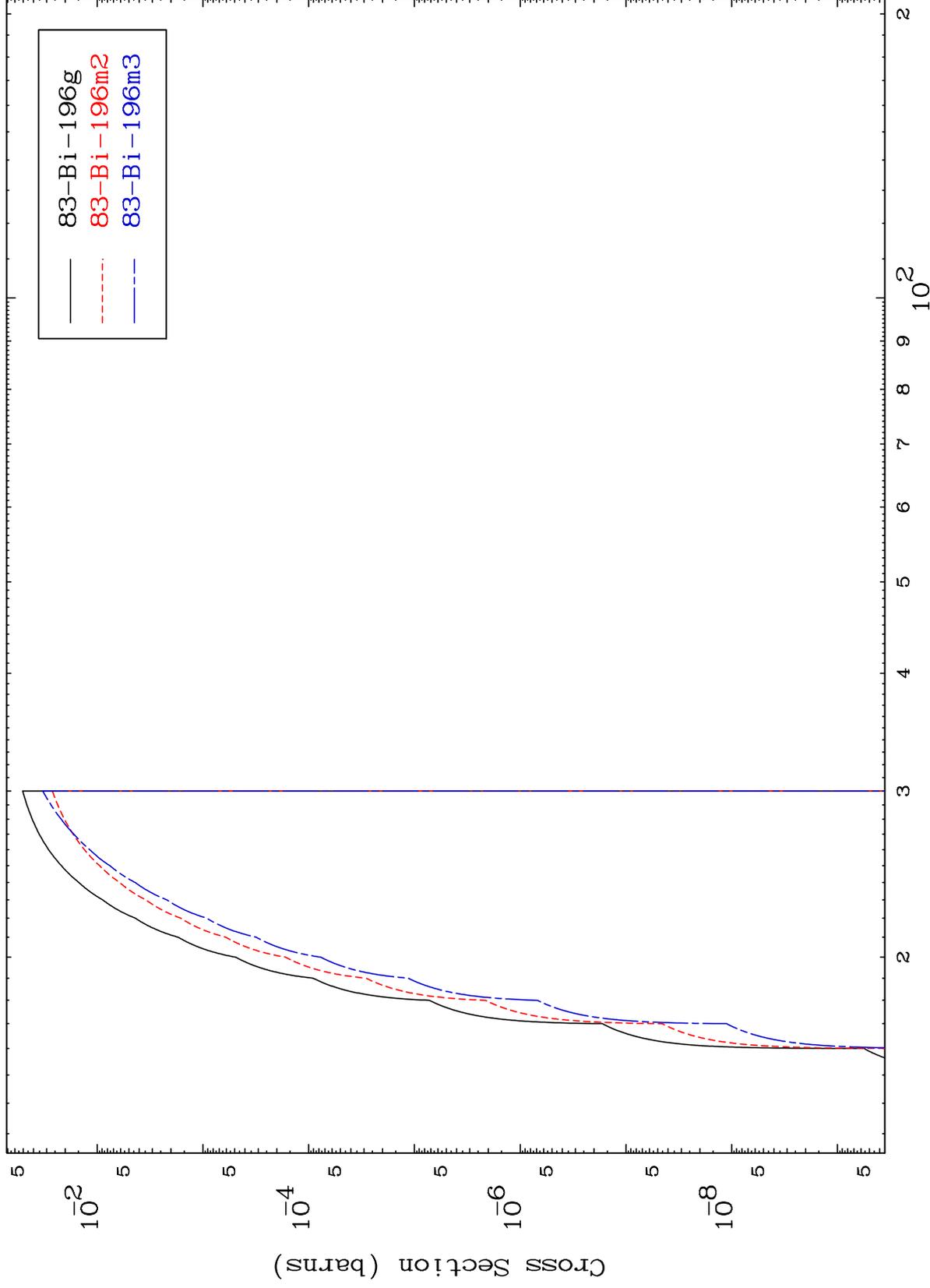


102

Incident Energy (MeV)

84-Po-198

Radionuclide Production Cross Section

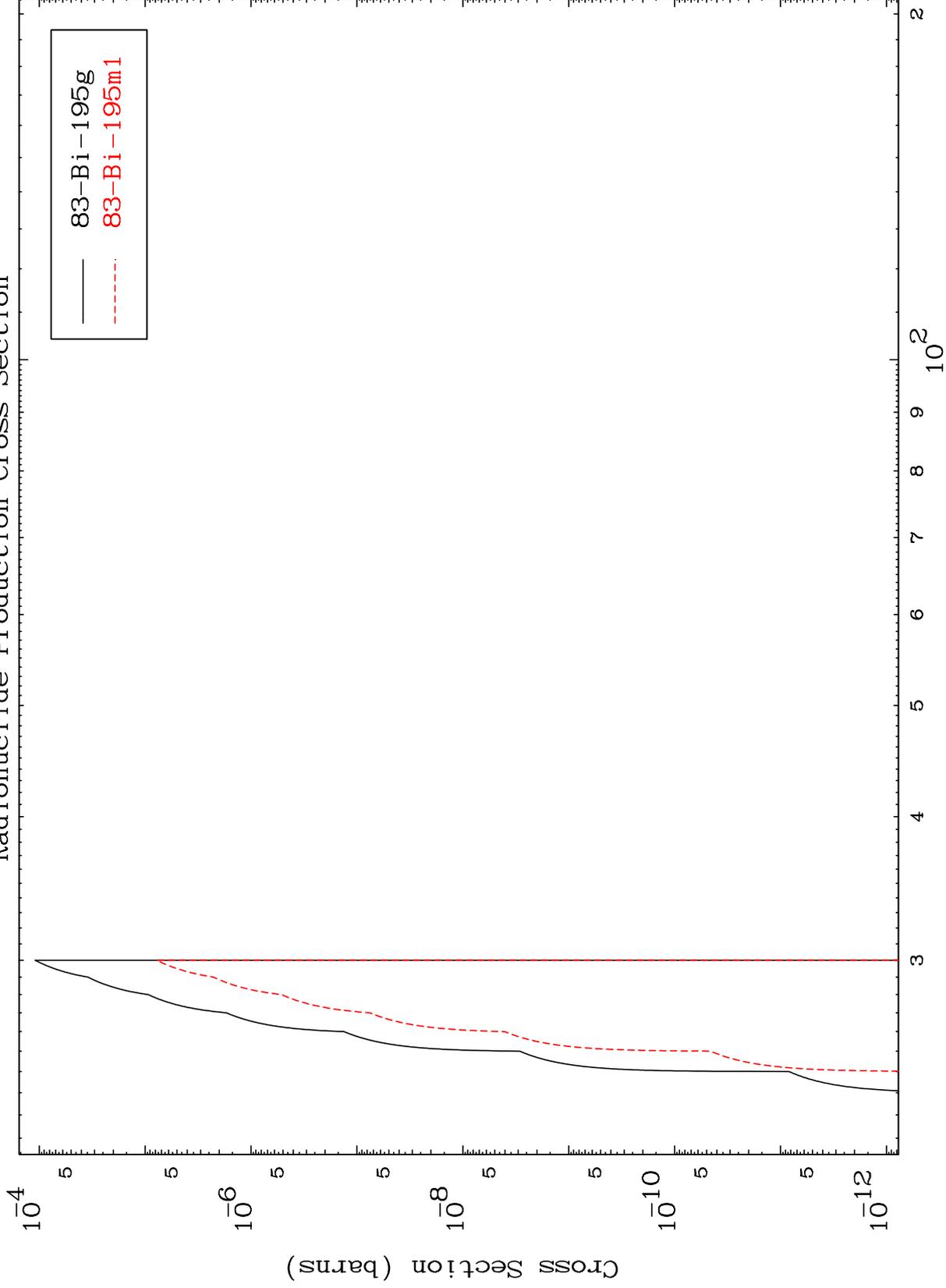


MAT 8401

(n,3n) p

84-Po-198

Radionuclide Production Cross Section



104

Incident Energy (MeV)

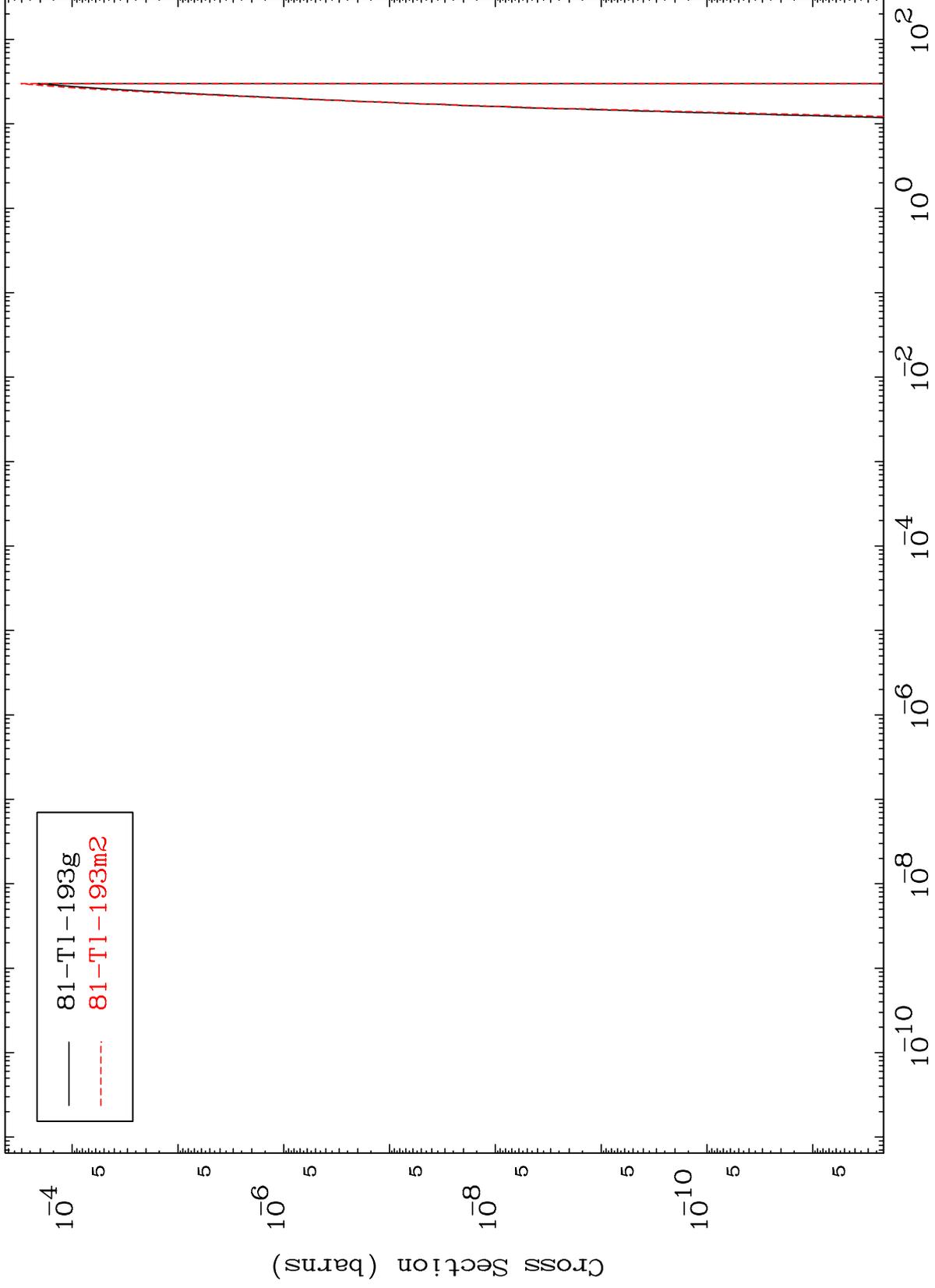
84-Po-198

MAT 8401

(n,n') p  $\alpha$

84-Po-198

Radionuclide Production Cross Section



105

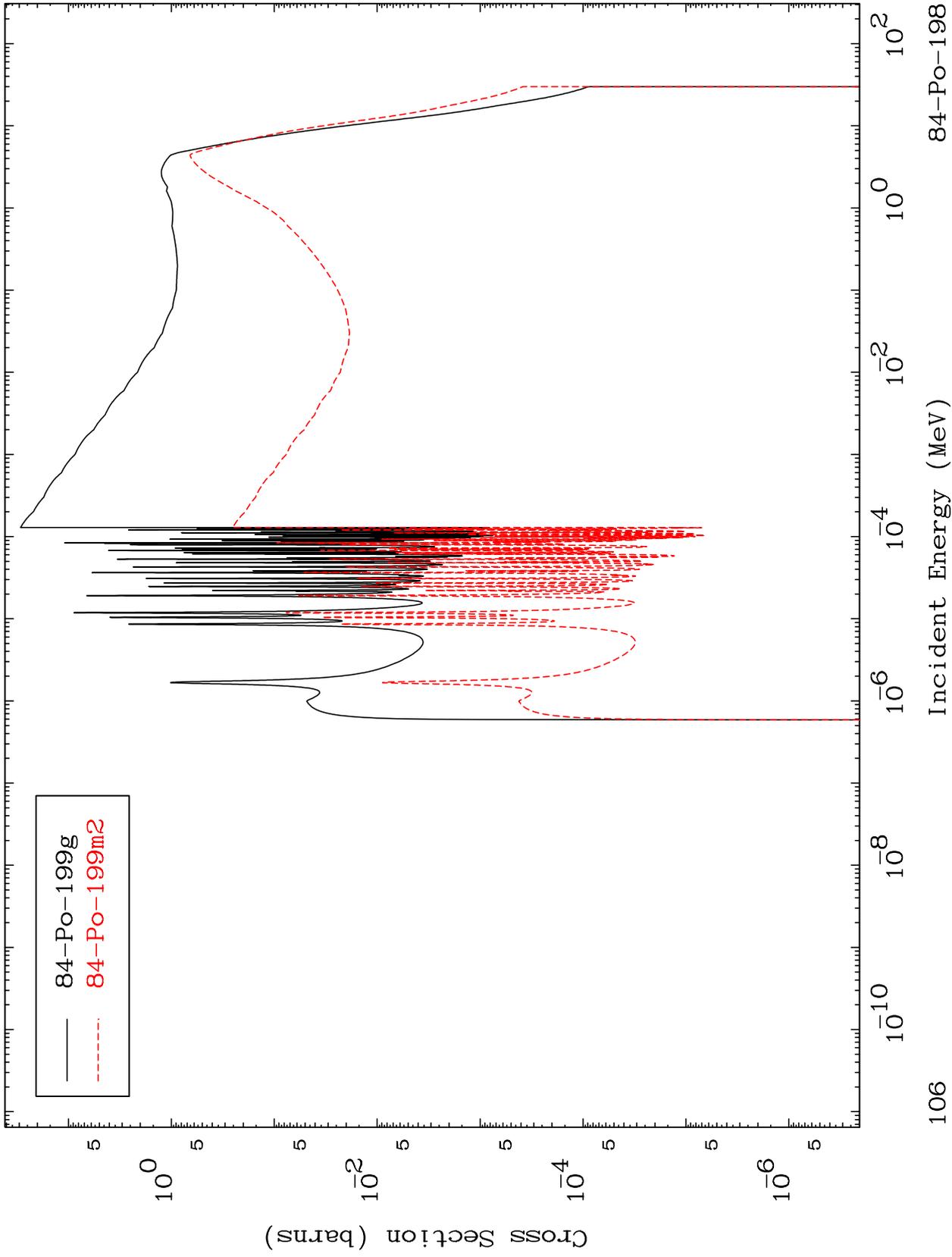
Incident Energy (MeV)

84-Po-198

MAT 8401

84-Po-198

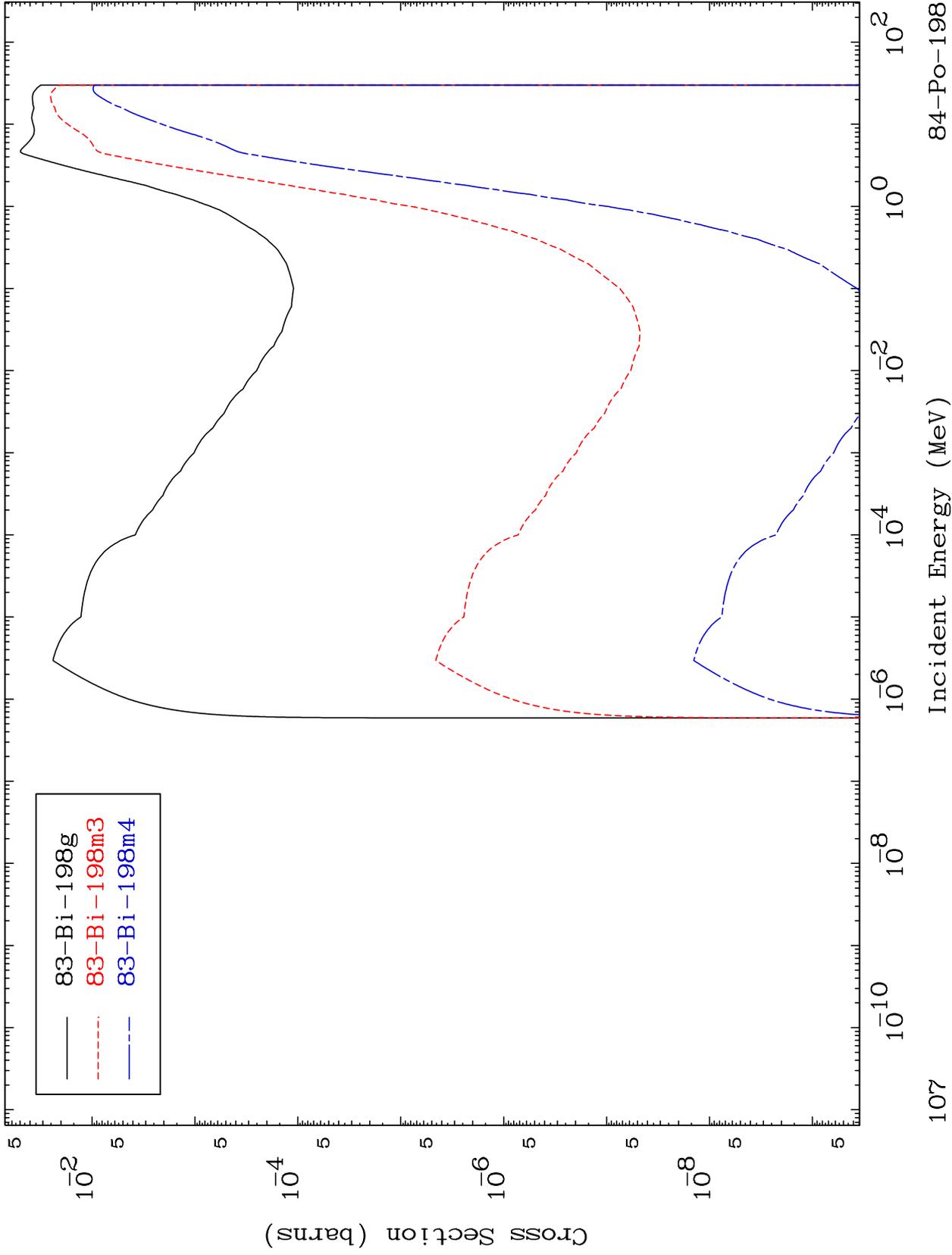
(n,  $\gamma$ )  
Radionuclide Production Cross Section



MAT 8401

84-Po-198

(n,p)  
Radionuclide Production Cross Section

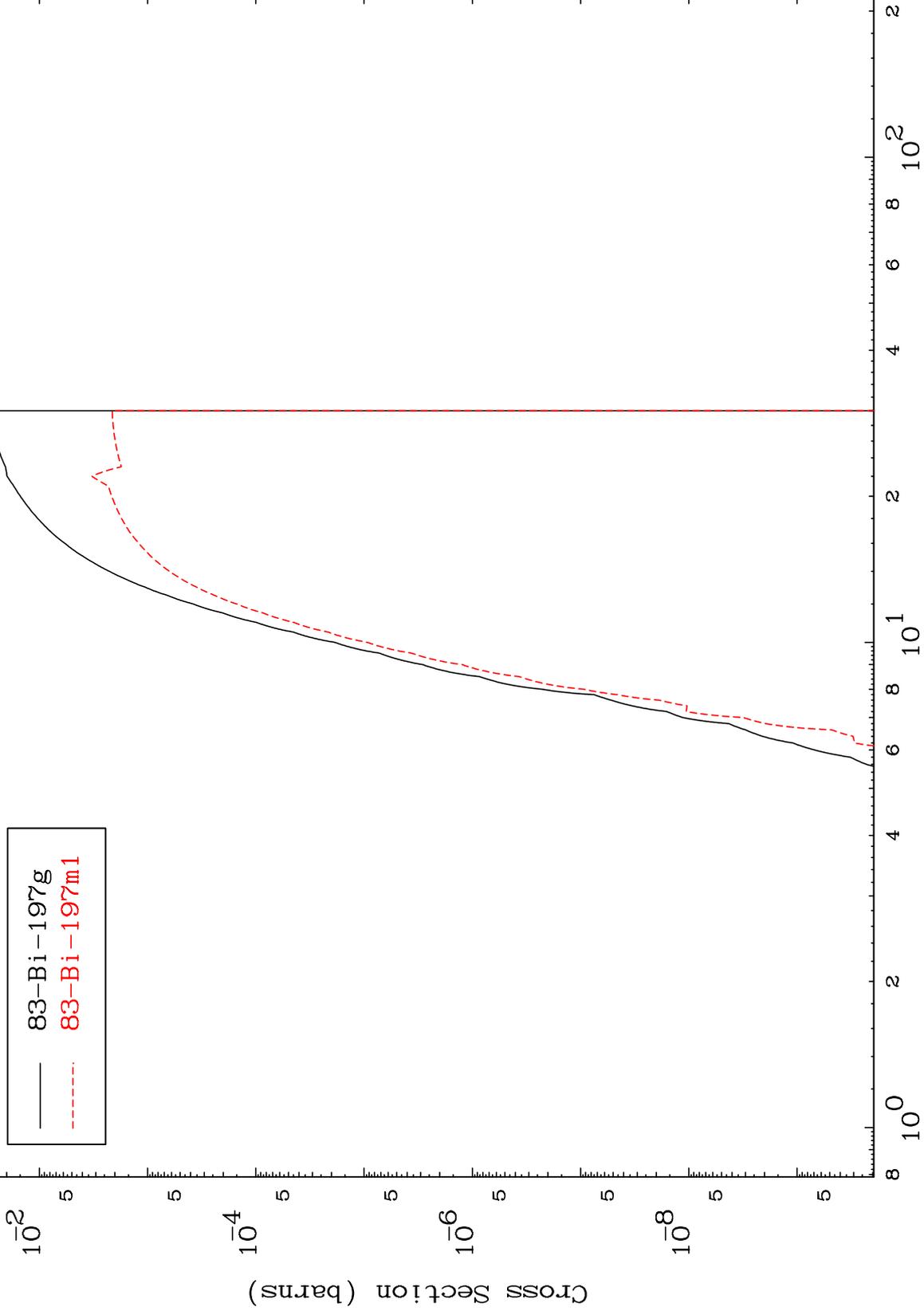


MAT 8401

(n,d)

84-Po-198

Radionuclide Production Cross Section



108

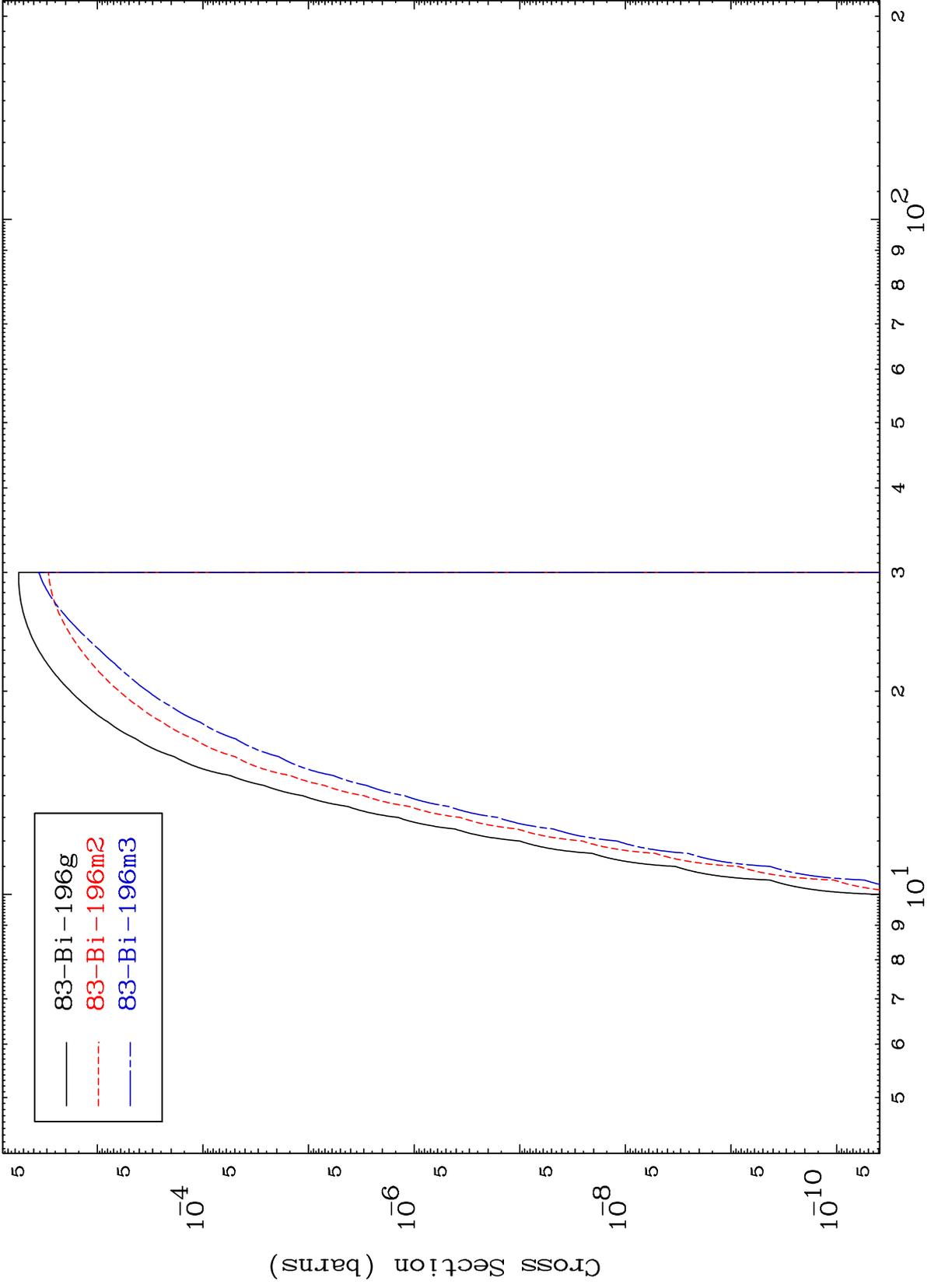
Incident Energy (MeV)

84-Po-198

MAT 8401

84-Po-198

(n, t)  
Radionuclide Production Cross Section



109

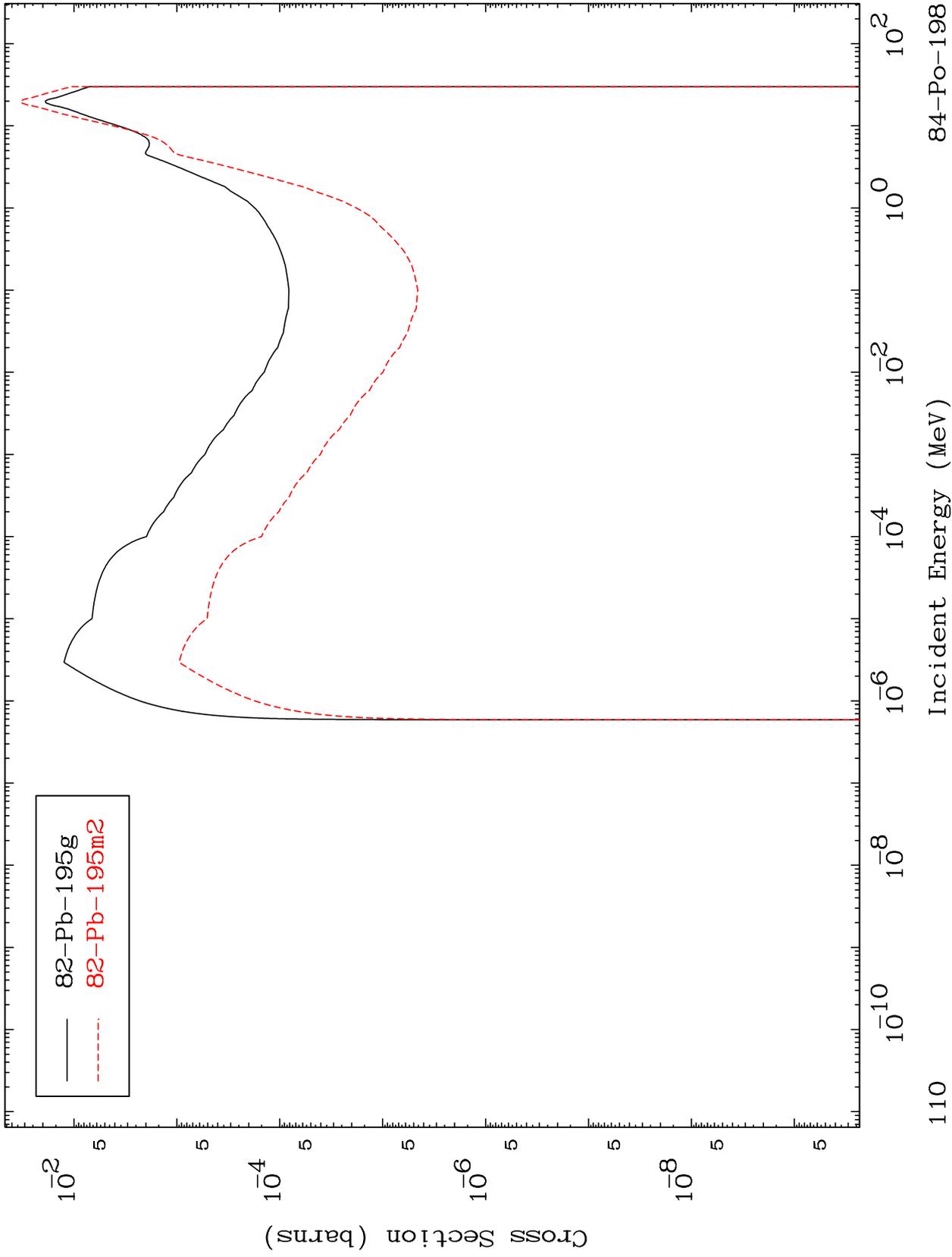
Incident Energy (MeV)

84-Po-198

MAT 8401

84-Po-198

(n,  $\alpha$ )  
Radionuclide Production Cross Section

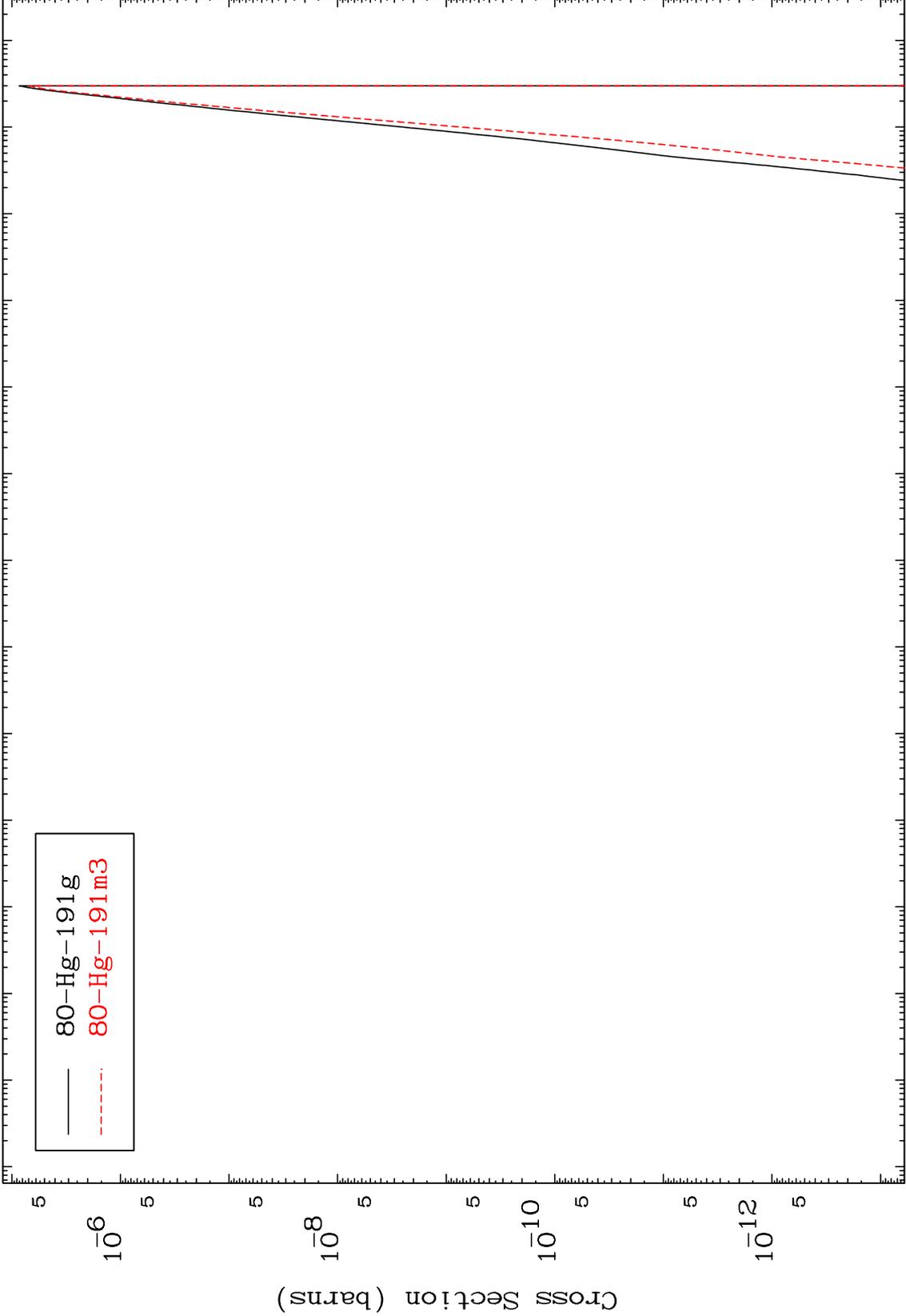
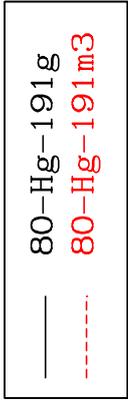


MAT 8401

(n,2α)

84-Po-198

Radionuclide Production Cross Section



84-Po-198

10<sup>-2</sup>

10<sup>-4</sup>

10<sup>-6</sup>

10<sup>-8</sup>

10<sup>-10</sup>

10<sup>-12</sup>

Incident Energy (MeV)

84-Po-198

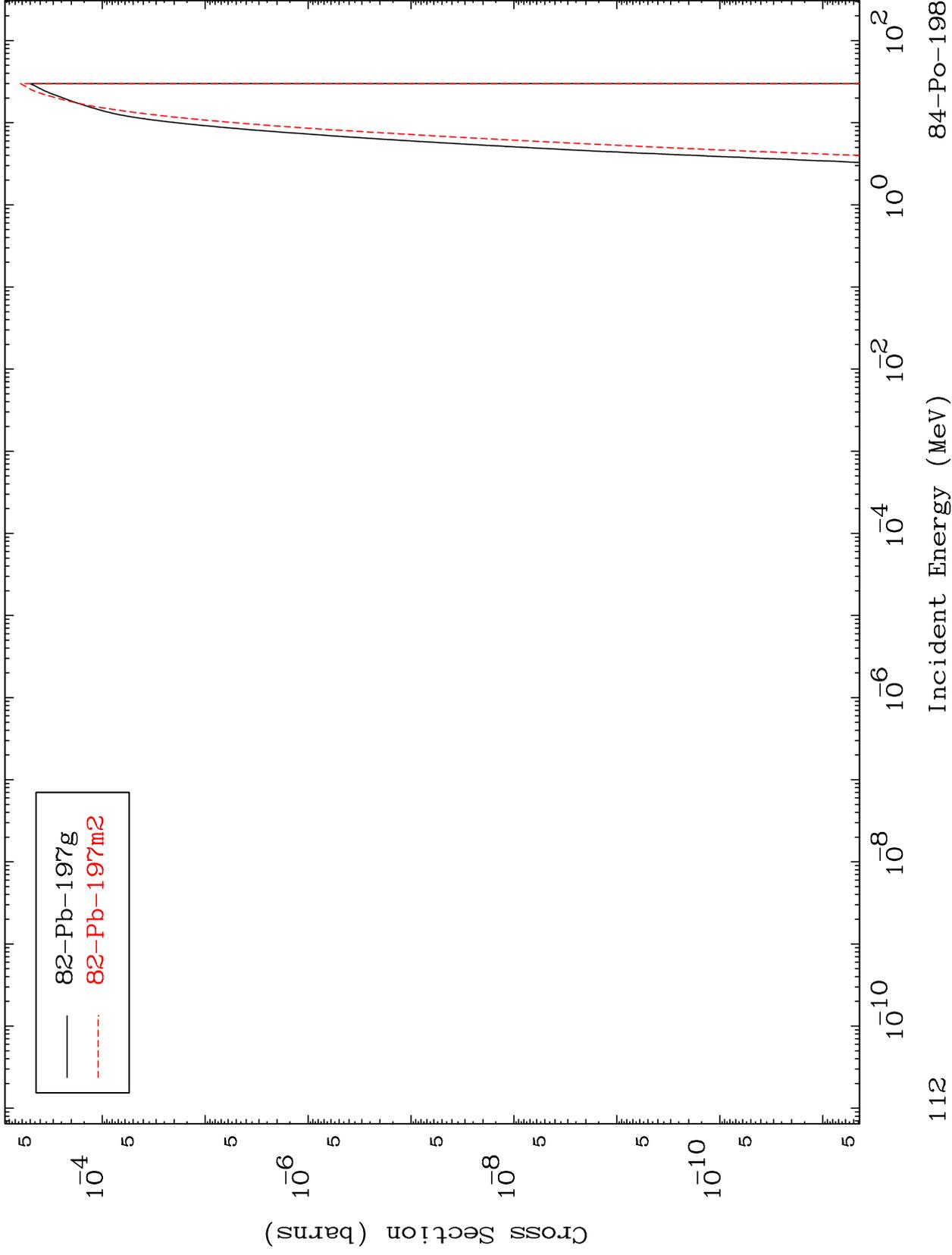
111

MAT 8401

(n,2p)

84-Po-198

Radionuclide Production Cross Section



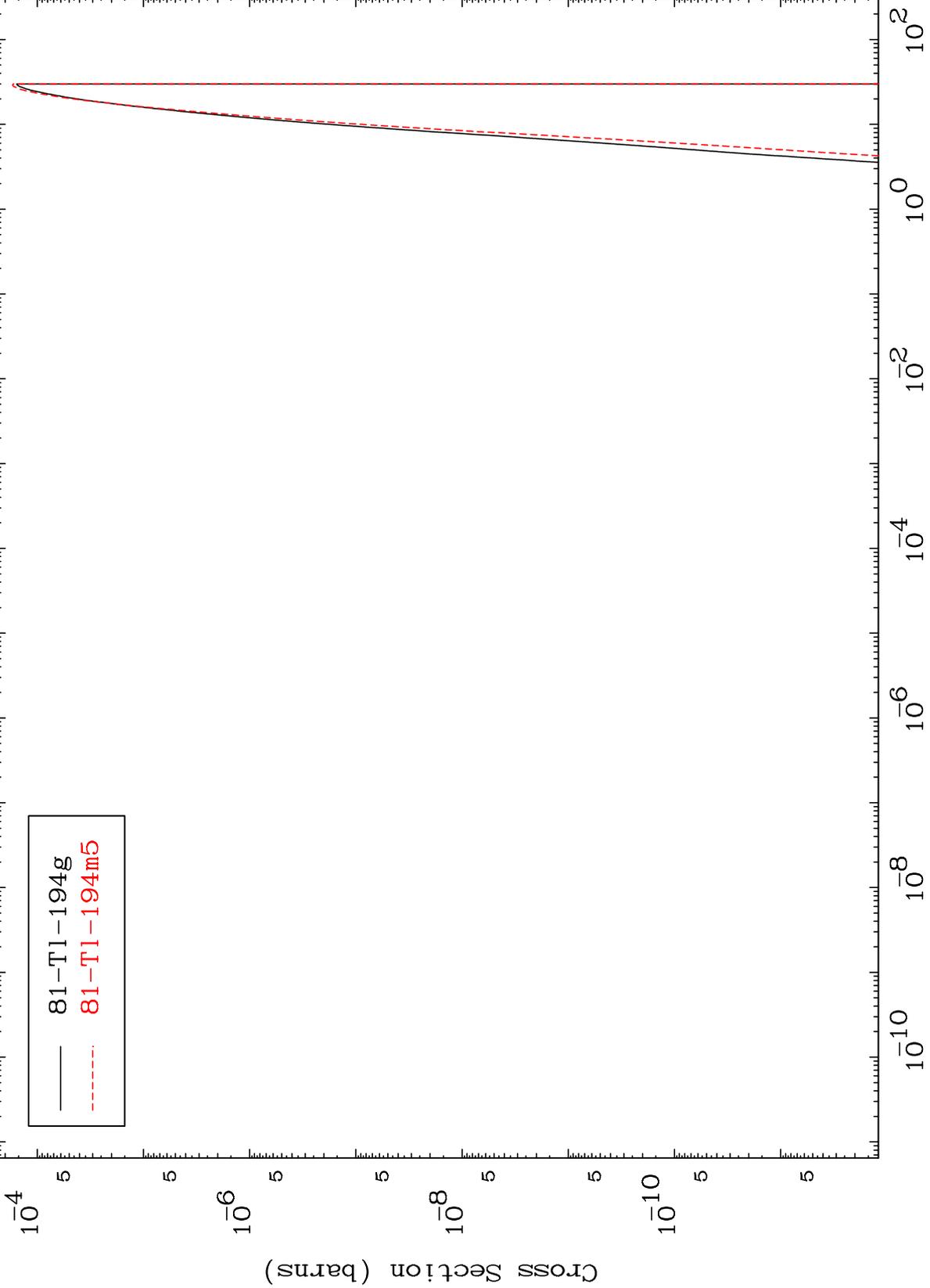
84-Po-198

MAT 8401

(n,p)  $\alpha$

84-Po-198

Radionuclide Production Cross Section

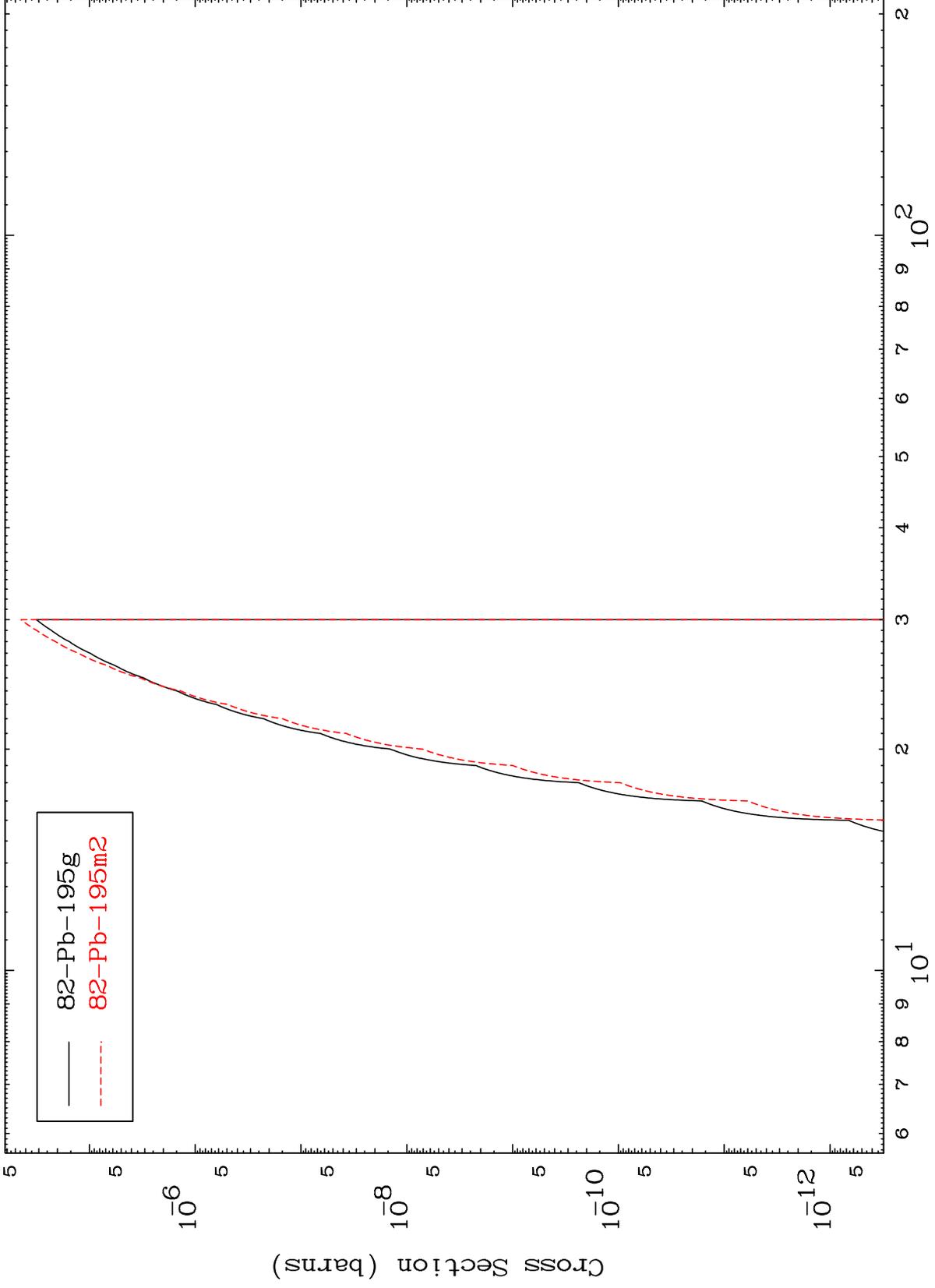


MAT 8401

(n,p) t

84-Po-198

Radionuclide Production Cross Section



114

Incident Energy (MeV)

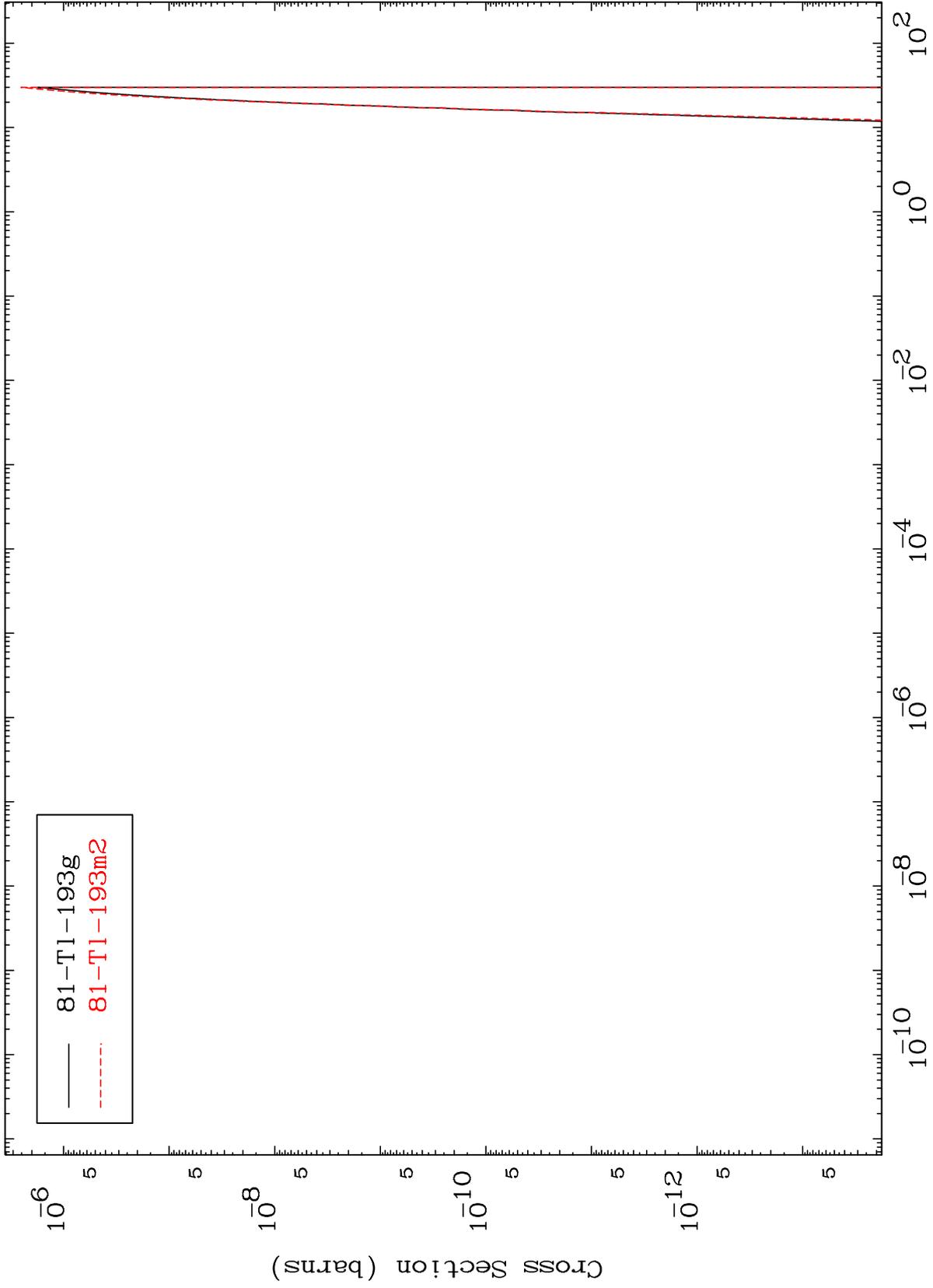
84-Po-198

MAT 8401

(n,d)  $\alpha$

84-Po-198

Radionuclide Production Cross Section



115

Incident Energy (MeV)

84-Po-198