

Program EVALPLOT
(Version 2015-2)

by

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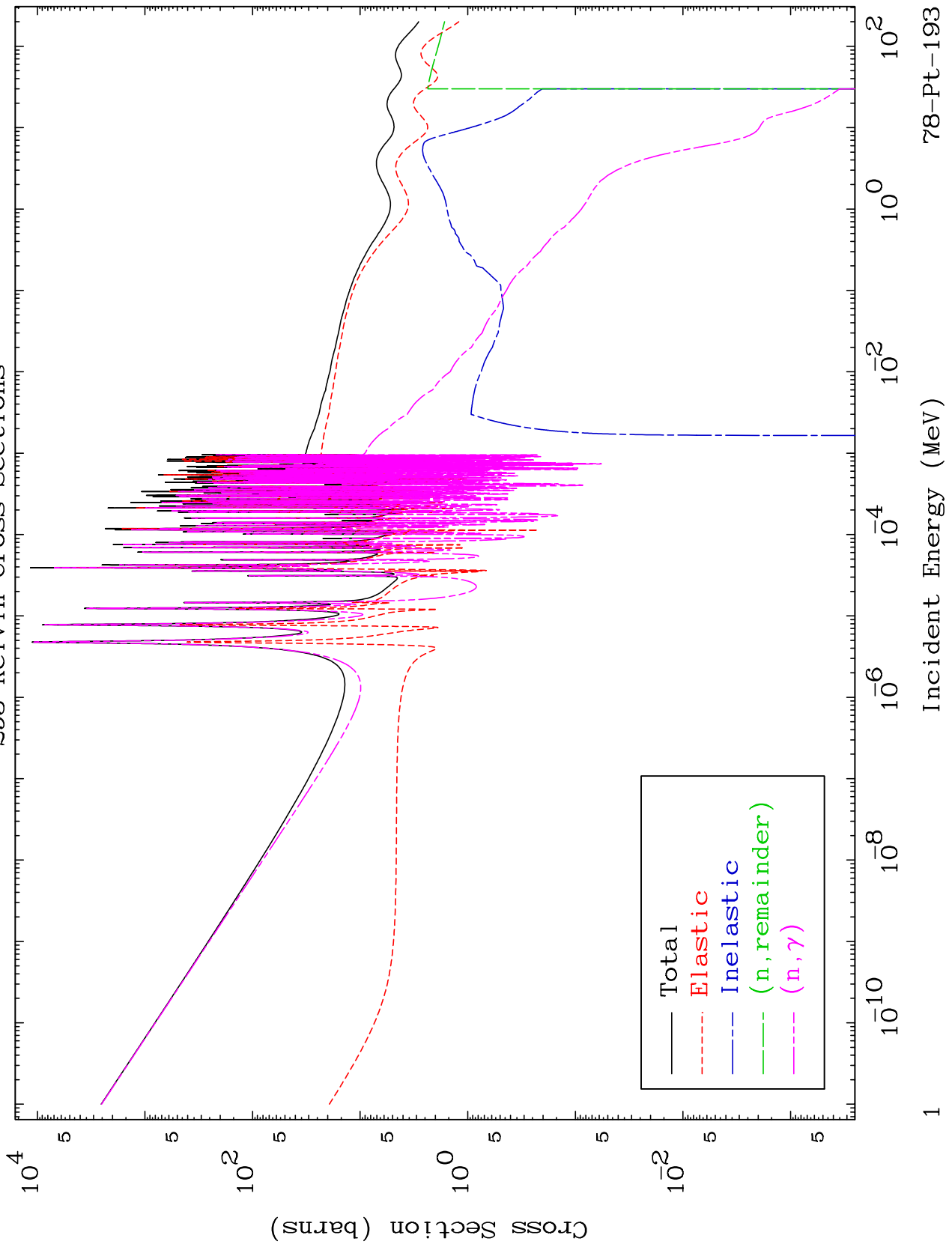
Press Mouse Button to Start

MAT 7834

Major

293 Kelvin Cross Sections

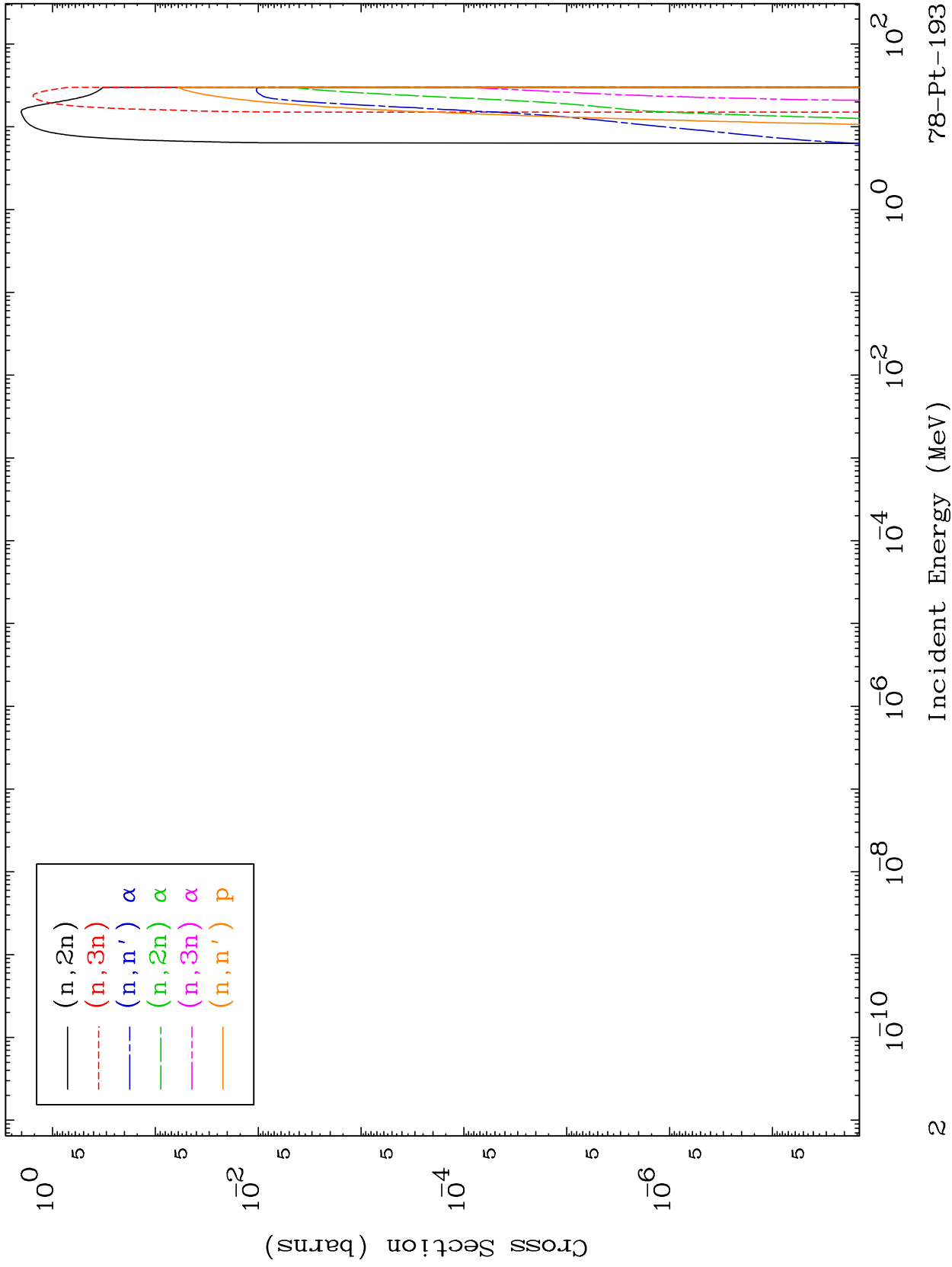
78-Pt-193

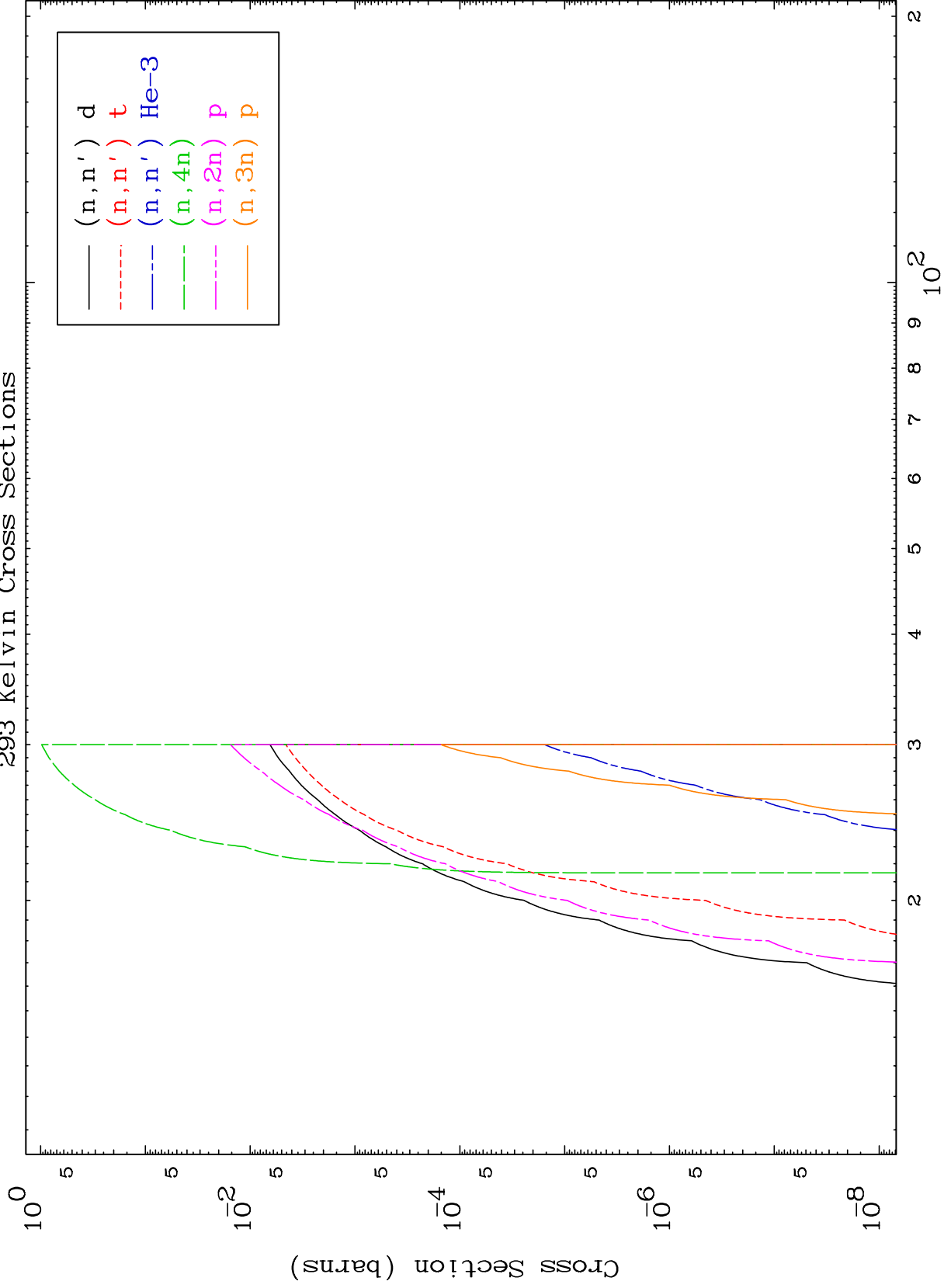


MAT 7834

Neutron Production
293 Kelvin Cross Sections

78-Pt-193

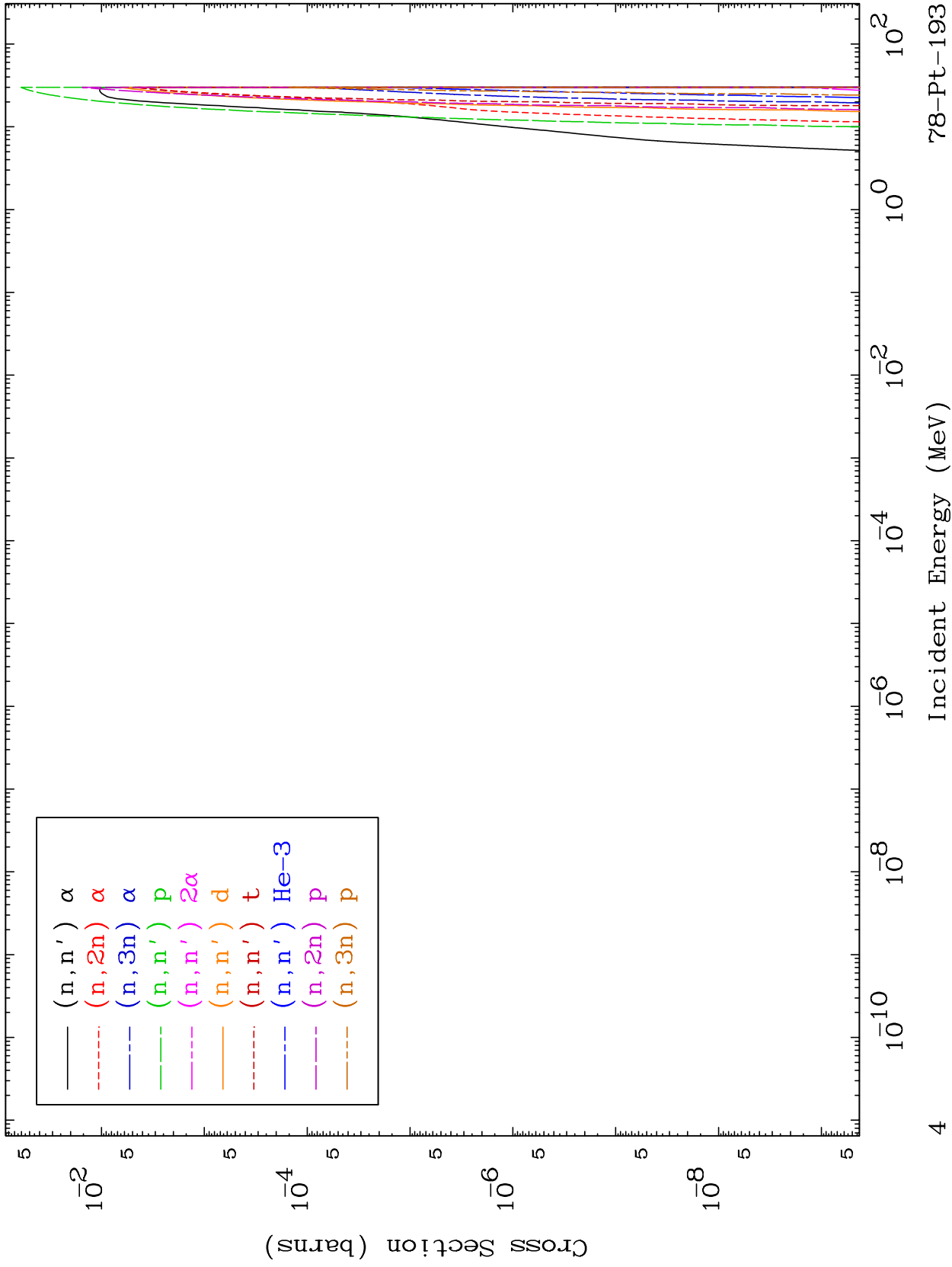




MAT 7834

Charged Particle
293 Kelvin Cross Sections

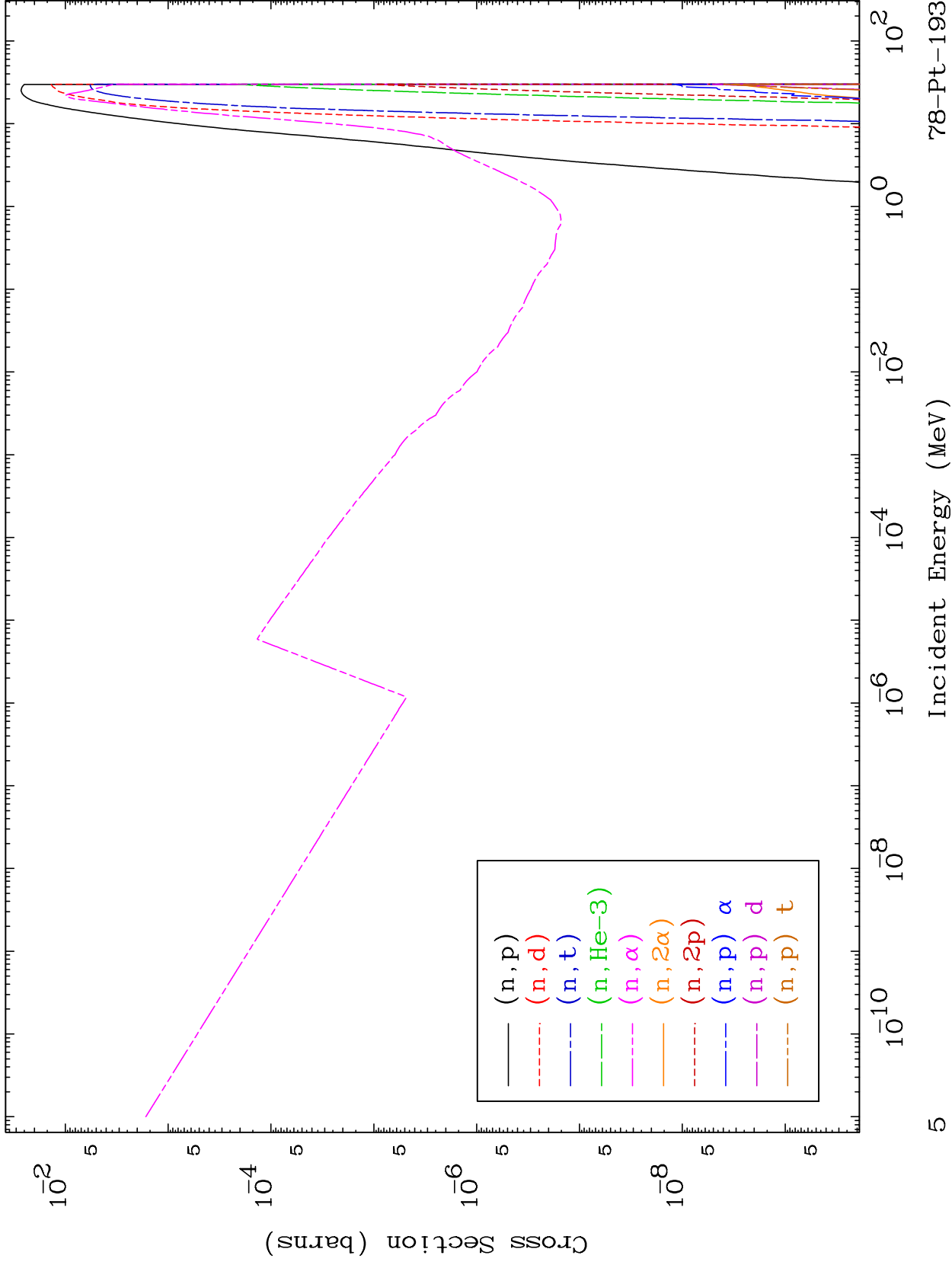
78-Pt-193

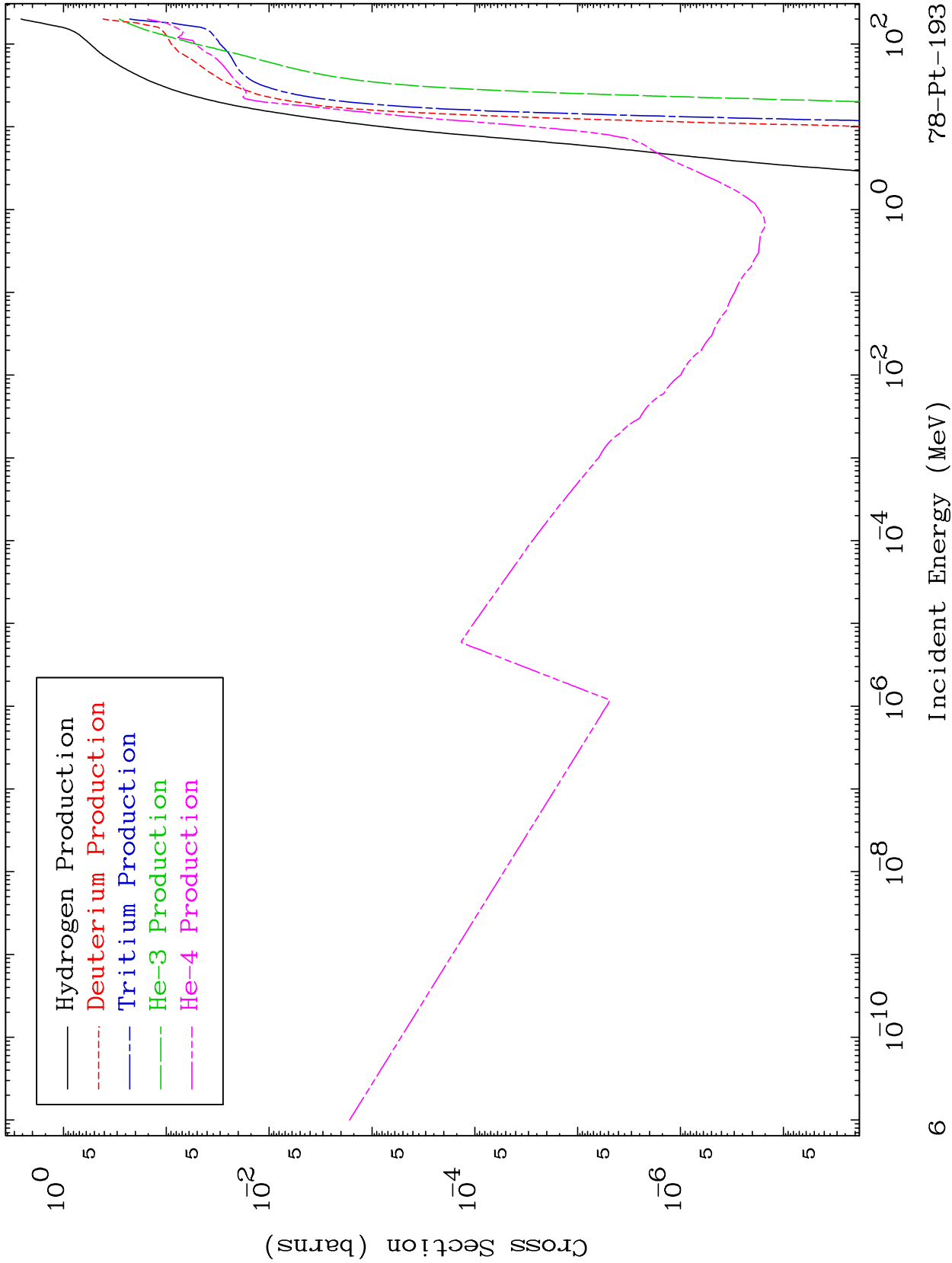


MAT 7834

Charged Particle
293 Kelvin Cross Sections

78-Pt-193

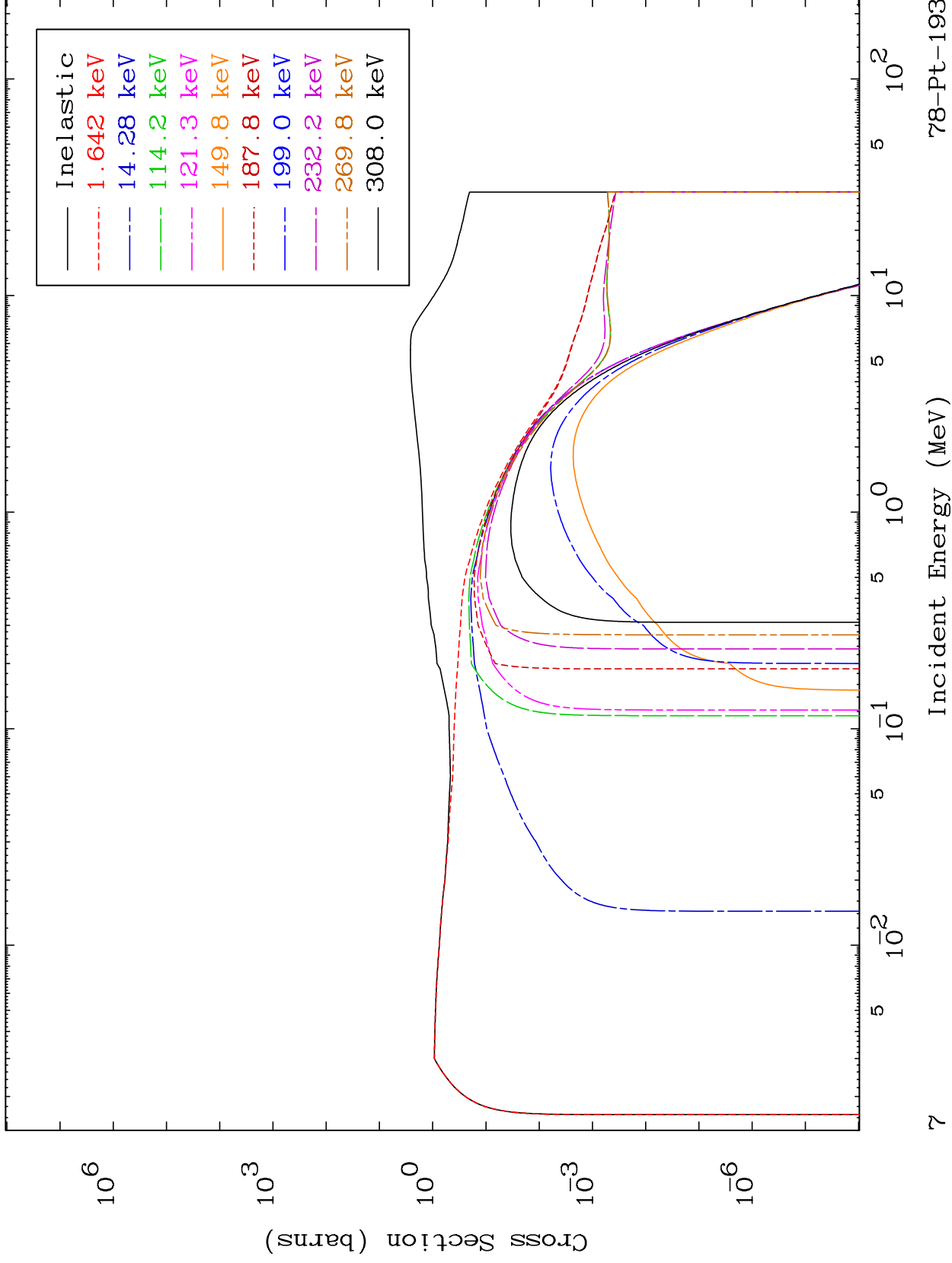




MAT 7834

(n,n') Level
293 Kelvin Cross Sections

78-Pt-193

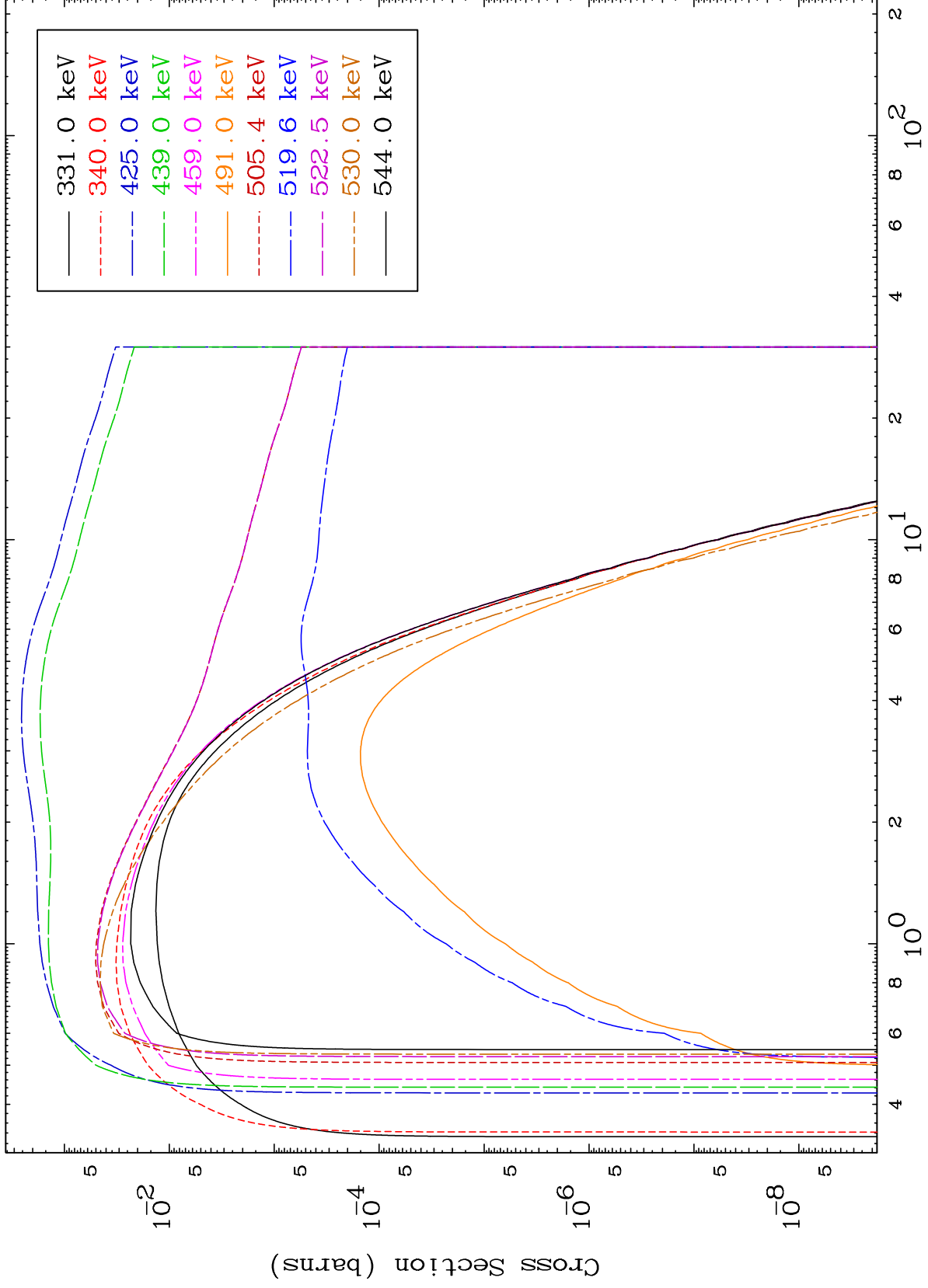


MAT 7834

(n,n') Level

78-Pt-193

293 Kelvin Cross Sections



8

Incident Energy (MeV)

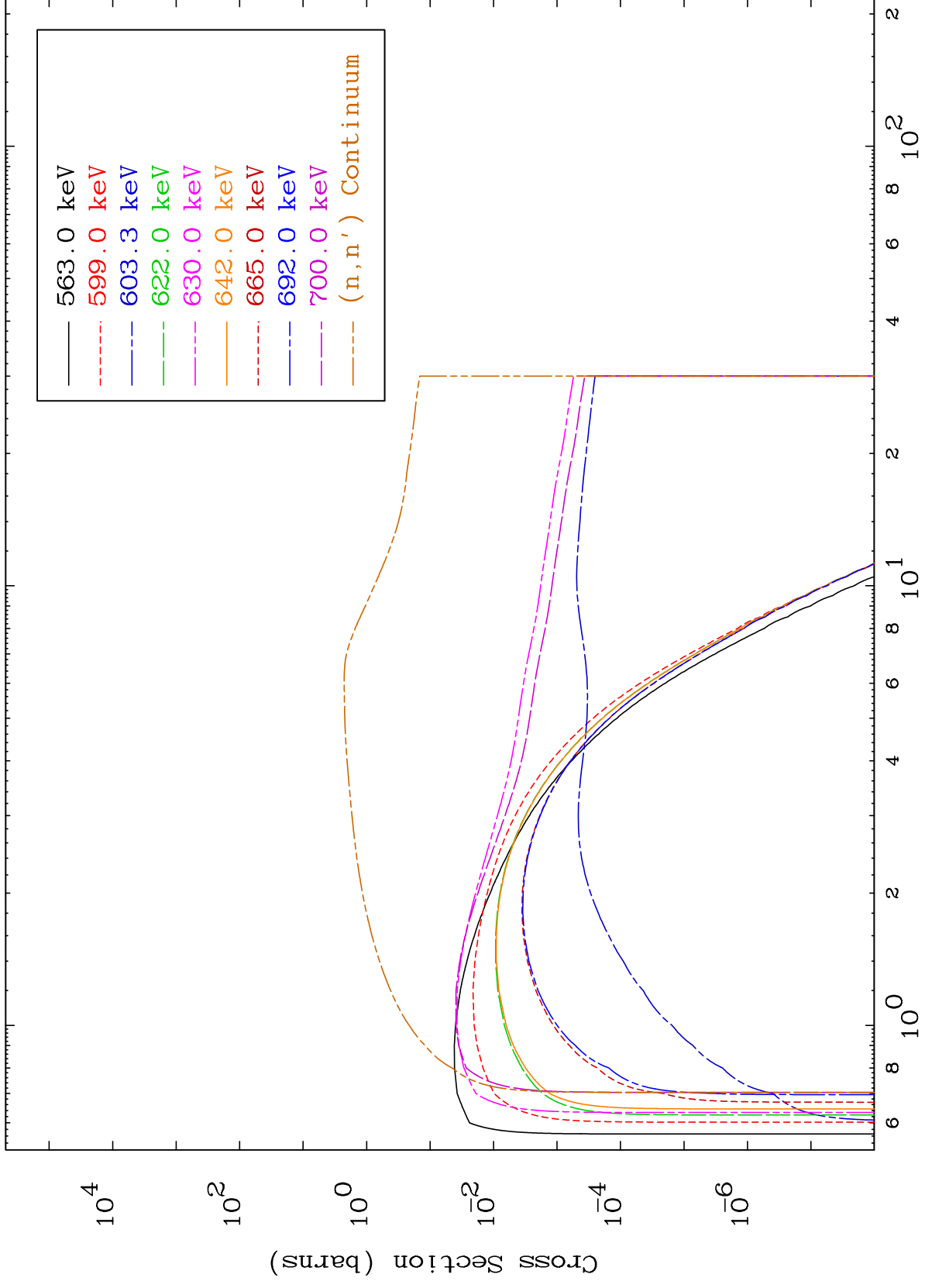
78-Pt-193

MAT 7834

(n,n') Level

78-Pt-193

293 Kelvin Cross Sections



9

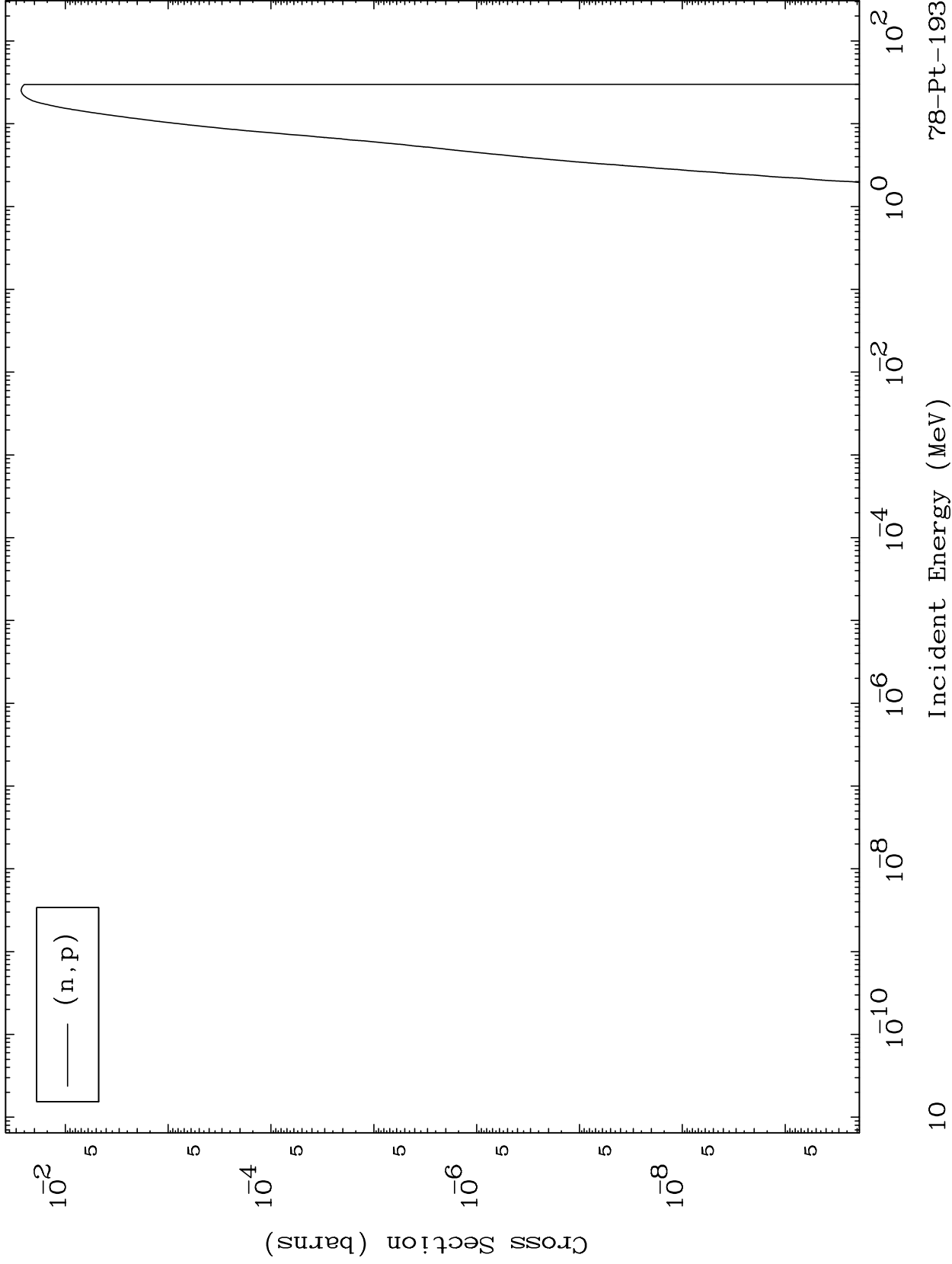
Incident Energy (MeV)

78-Pt-193

MAT 7834

(n,p) Levels
293 Kelvin Cross Sections

78-Pt-193



10

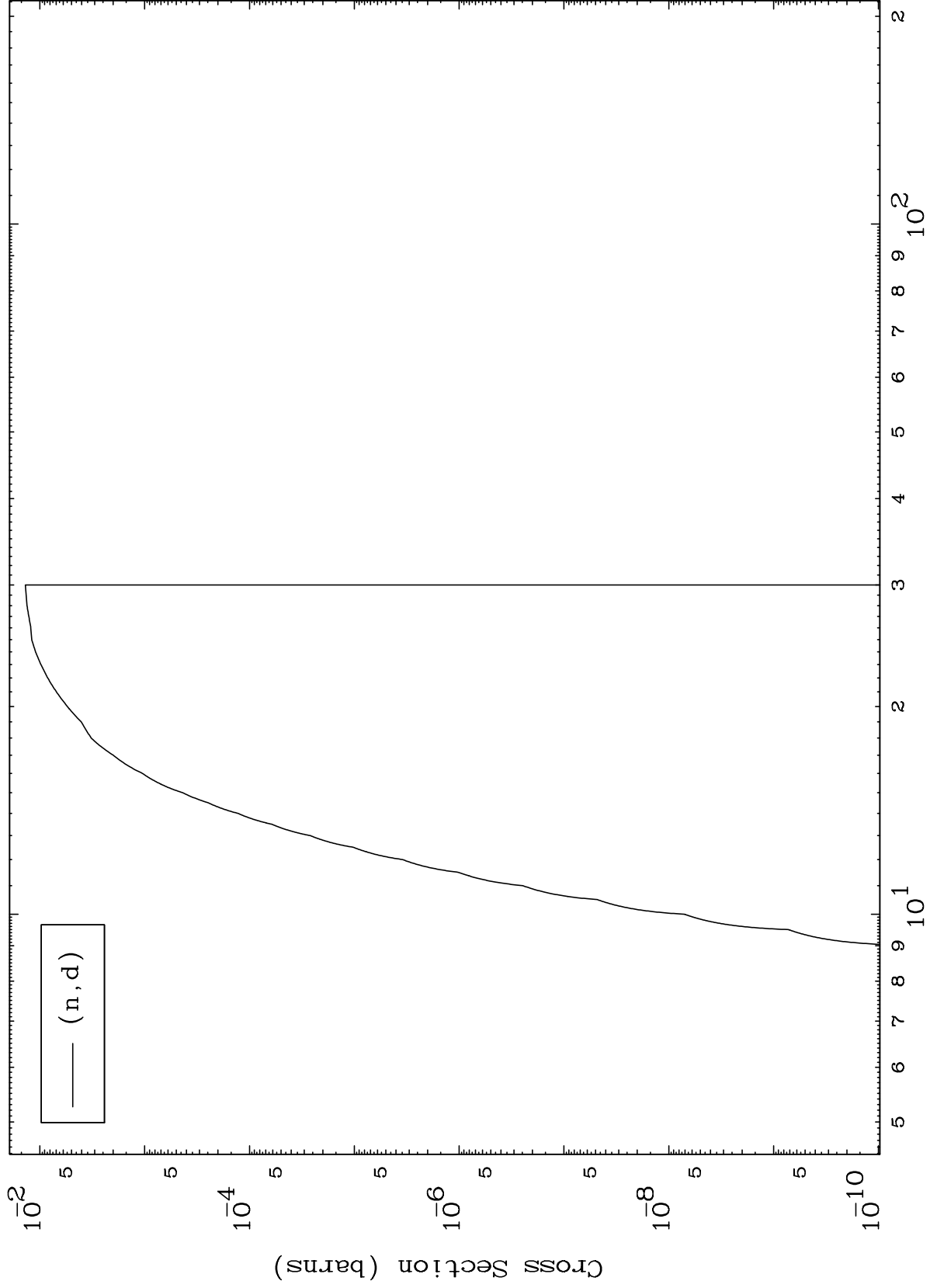
Incident Energy (MeV)

78-Pt-193

MAT 7834

(n,d) Levels
293 Kelvin Cross Sections

78-Pt-193



11

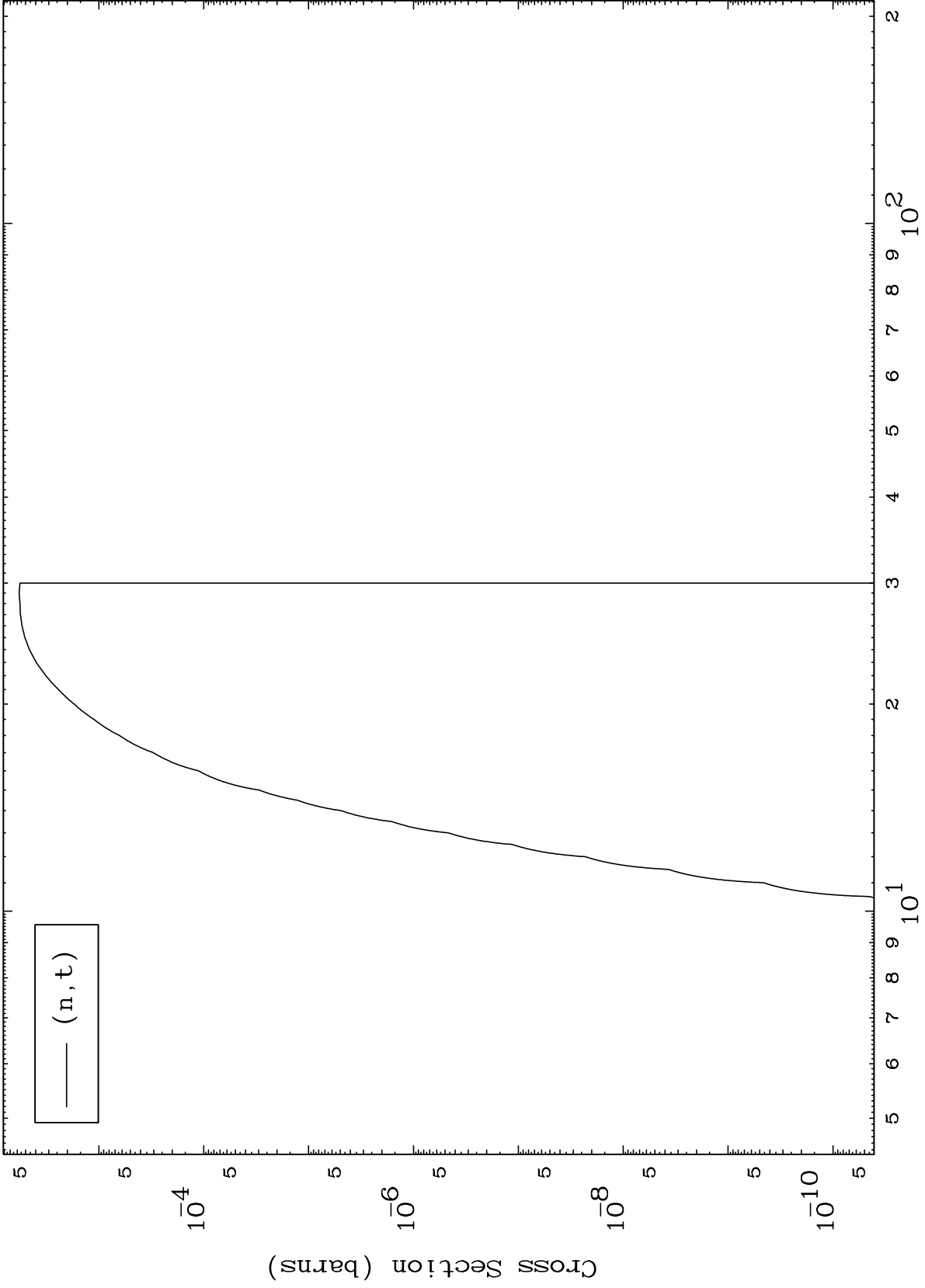
Incident Energy (MeV)

78-Pt-193

MAT 7834

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-193



(n,t)

12

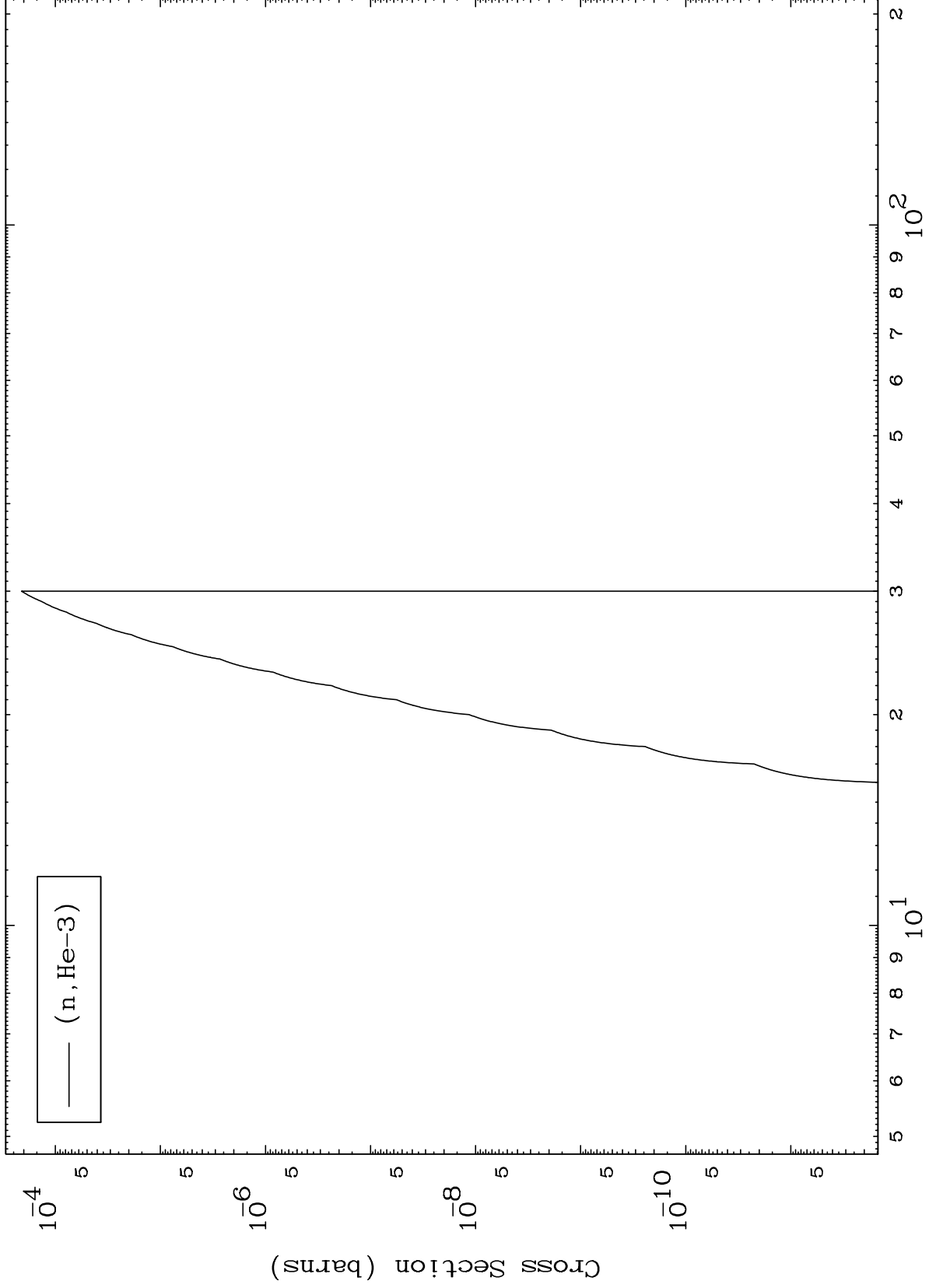
Incident Energy (MeV)

78-Pt-193

MAT 7834

(n,He3) Levels
293 Kelvin Cross Sections

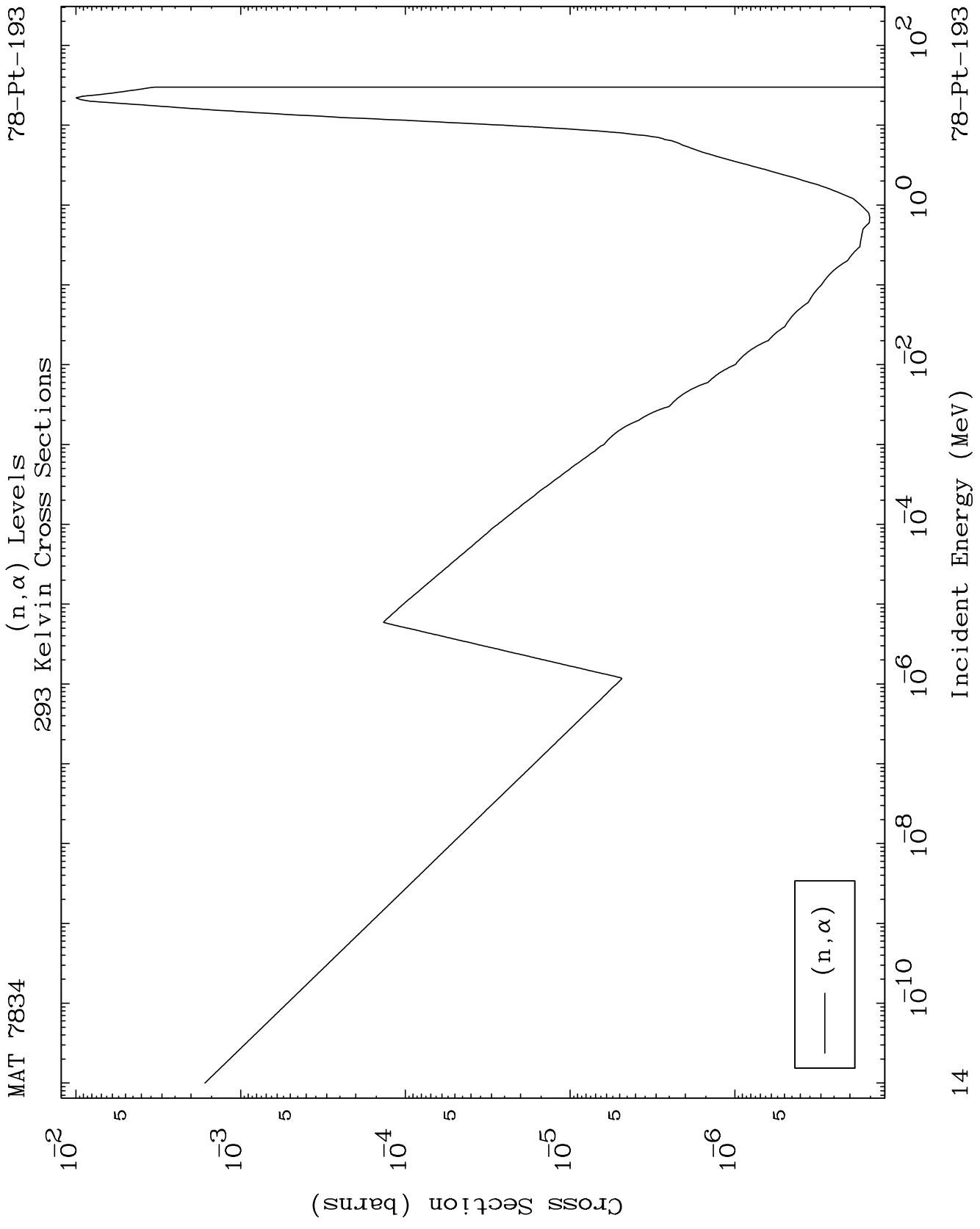
78-Pt-193

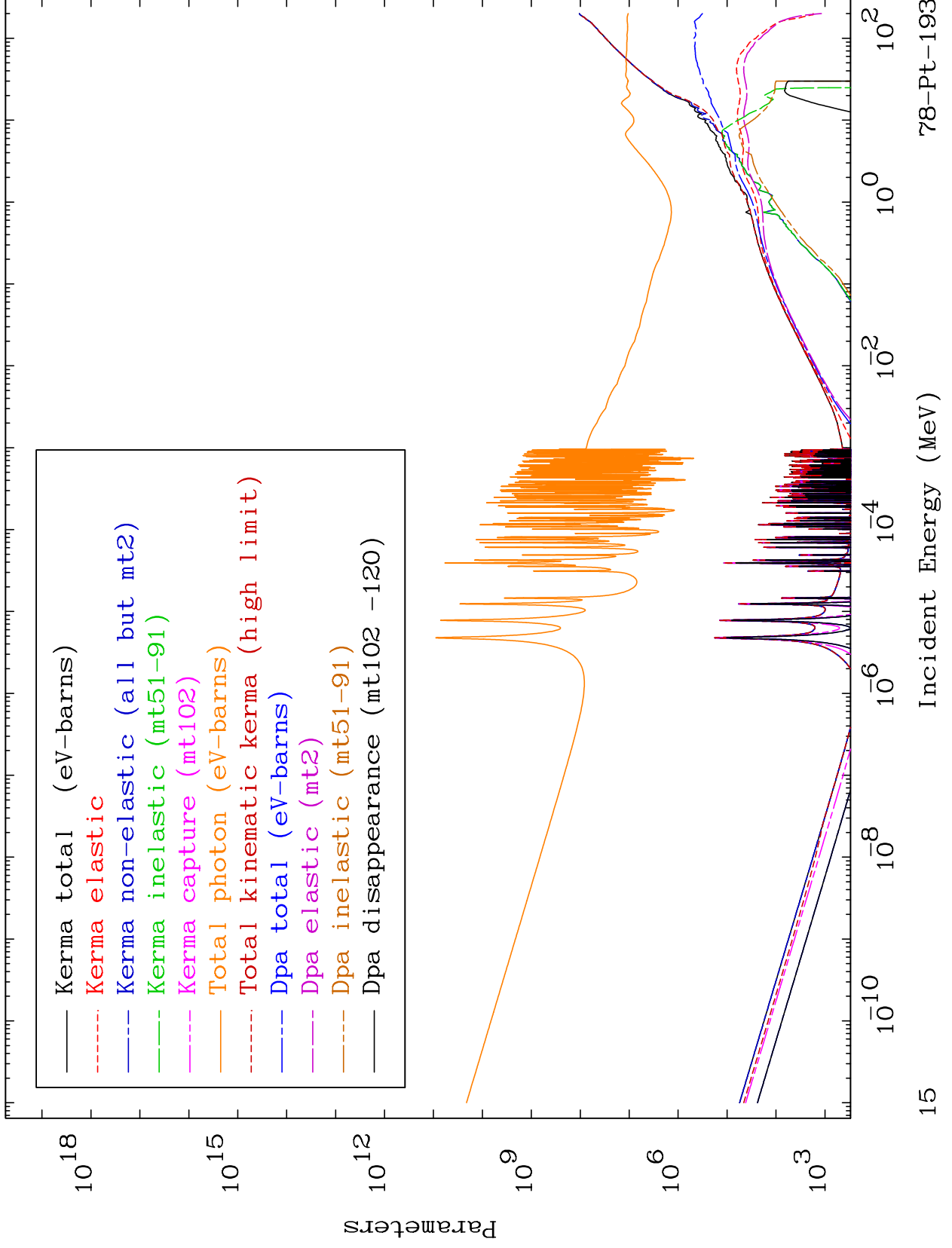


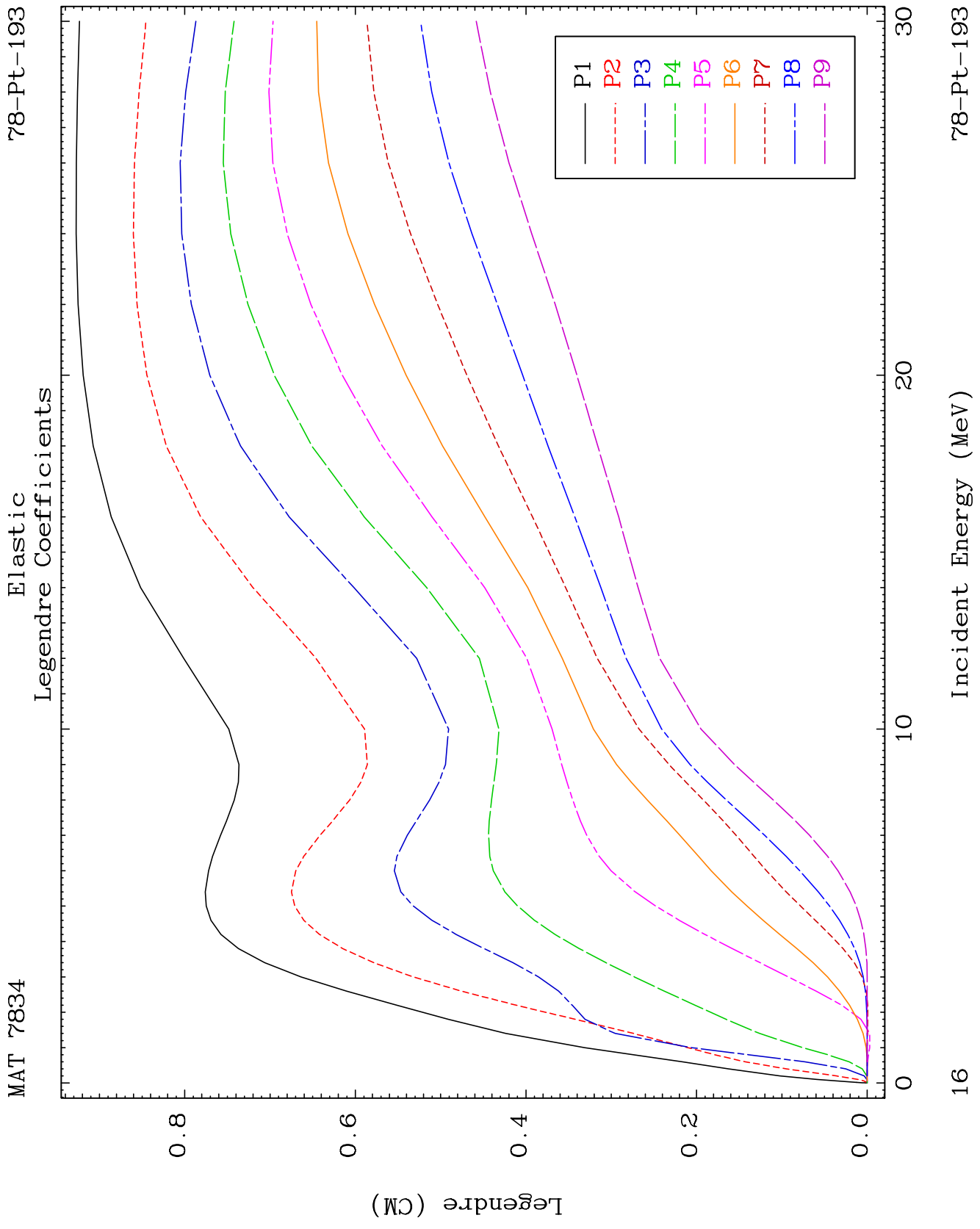
13

Incident Energy (MeV)

78-Pt-193



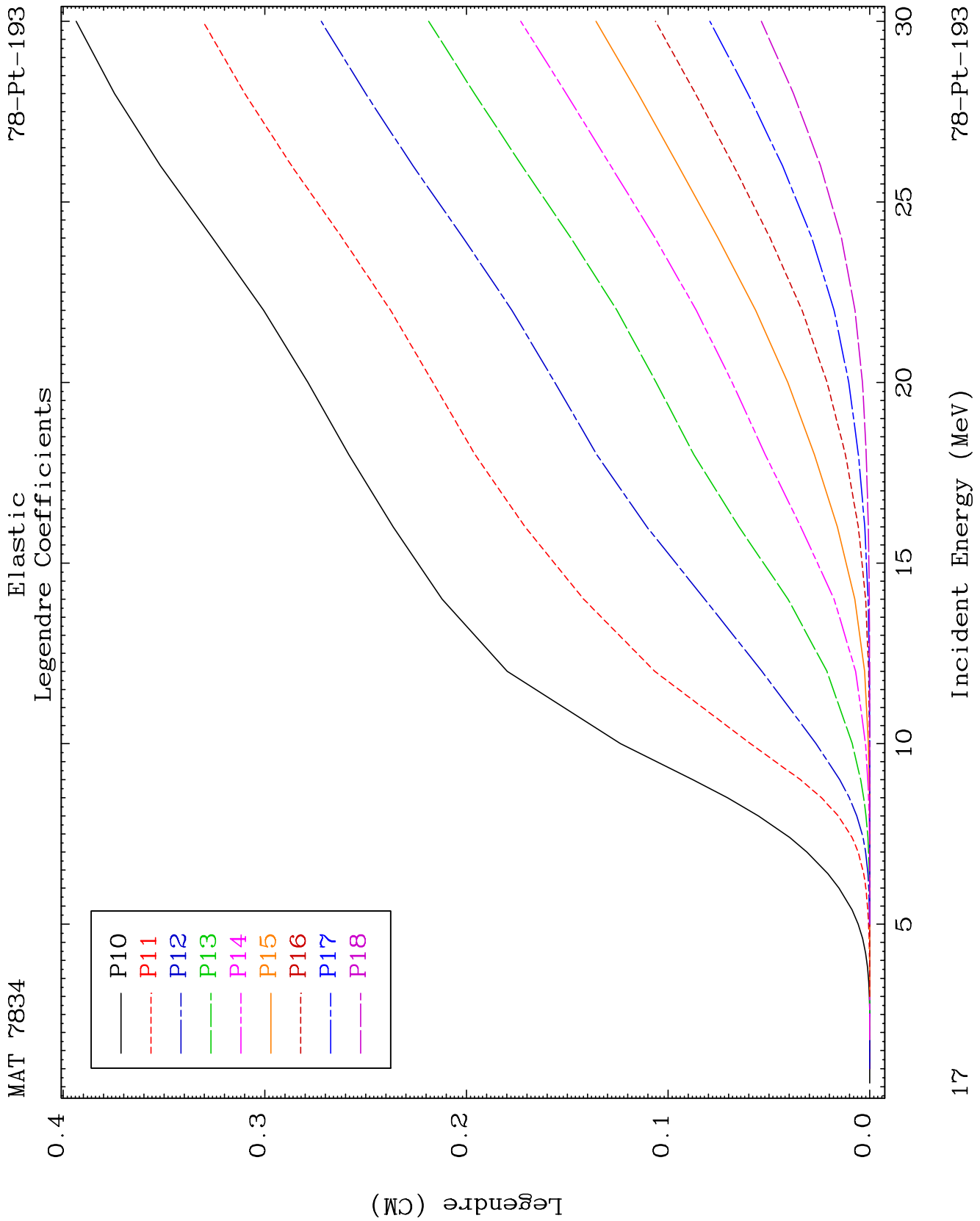




78-Pt-193

Incident Energy (MeV)

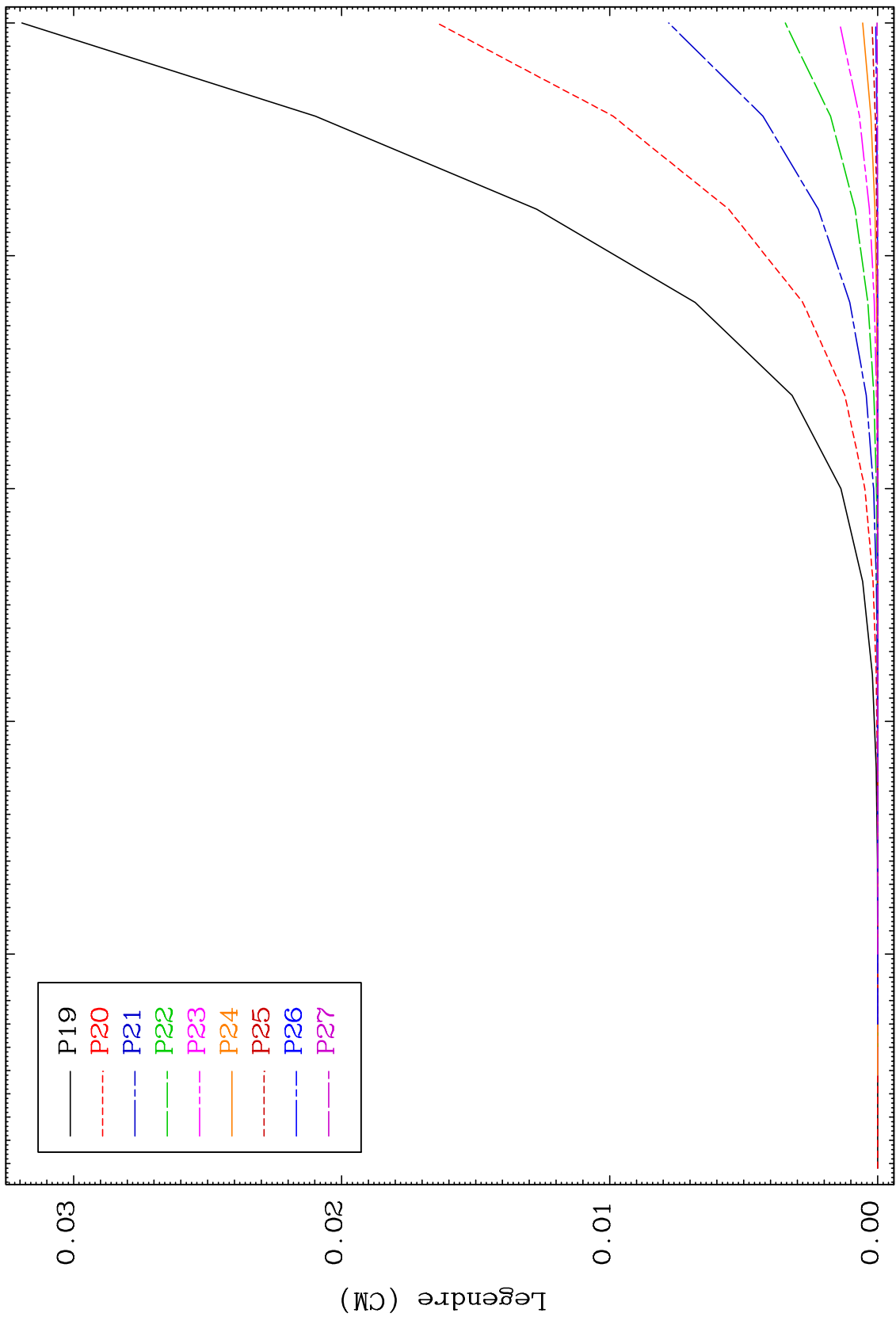
16



MAT 7834

Elastic Legendre Coefficients

78-Pt-193



18

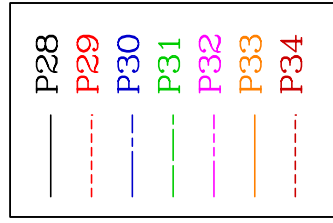
Incident Energy (MeV)

78-Pt-193

MAT 7834

Elastic
Legendre Coefficients

78-Pt-193



$\times 10^{-6}$

8

6

4

2

0

Legendre (CM)

15

20

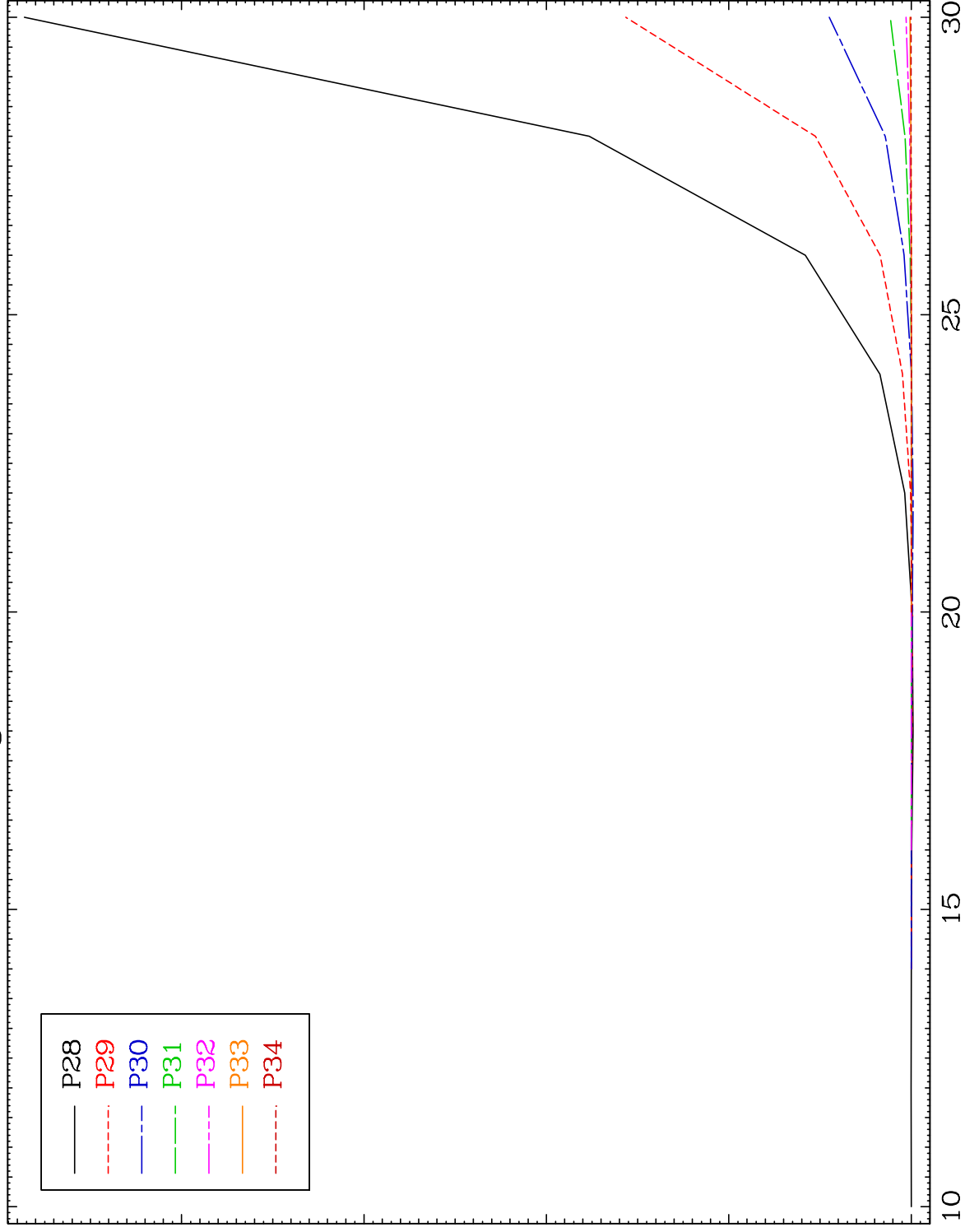
25

30

19

Incident Energy (MeV)

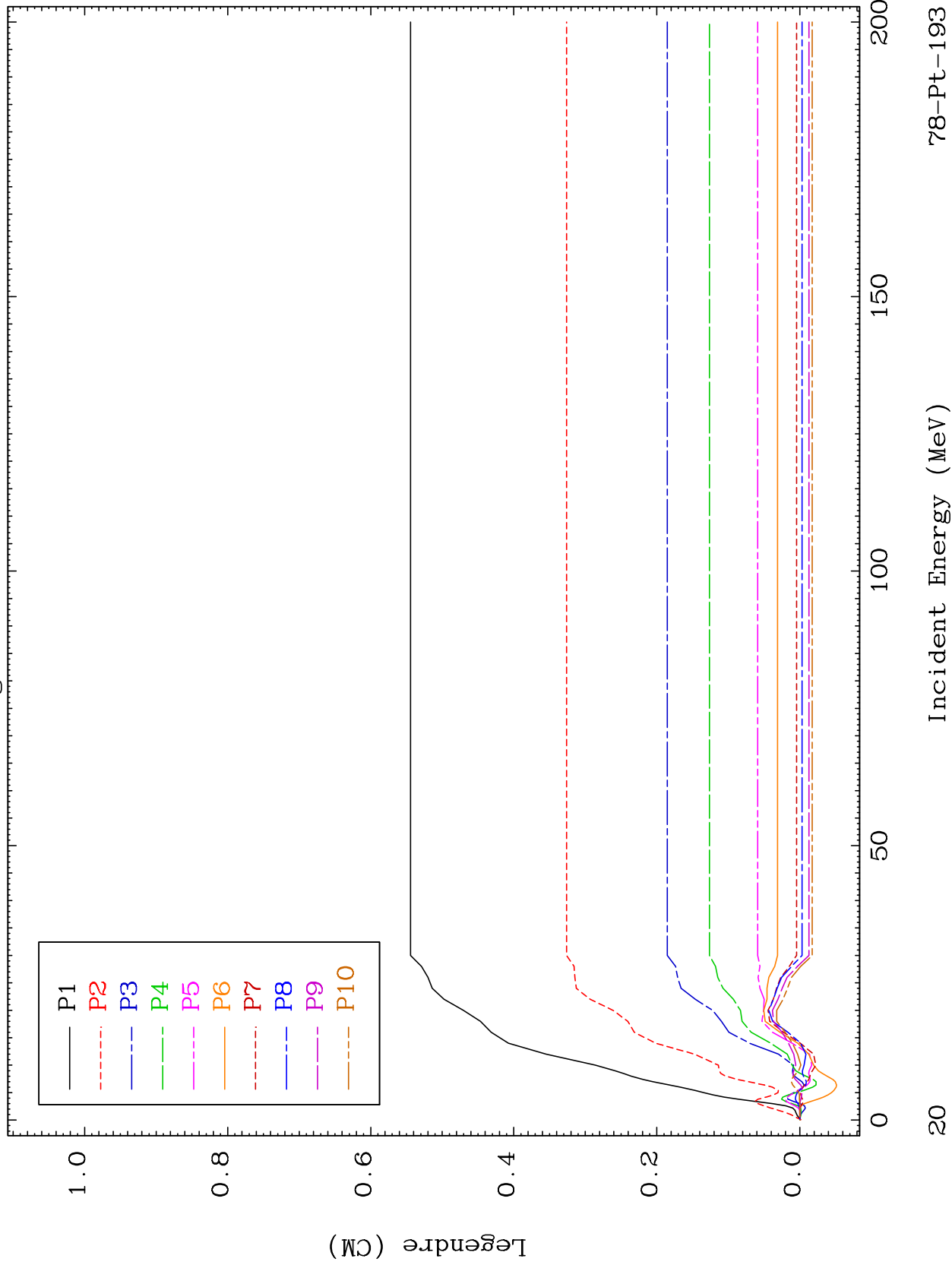
78-Pt-193



MAT 7834

1.642 keV (n,n') Level
Legendre Coefficients

78-Pt-193



78-Pt-193

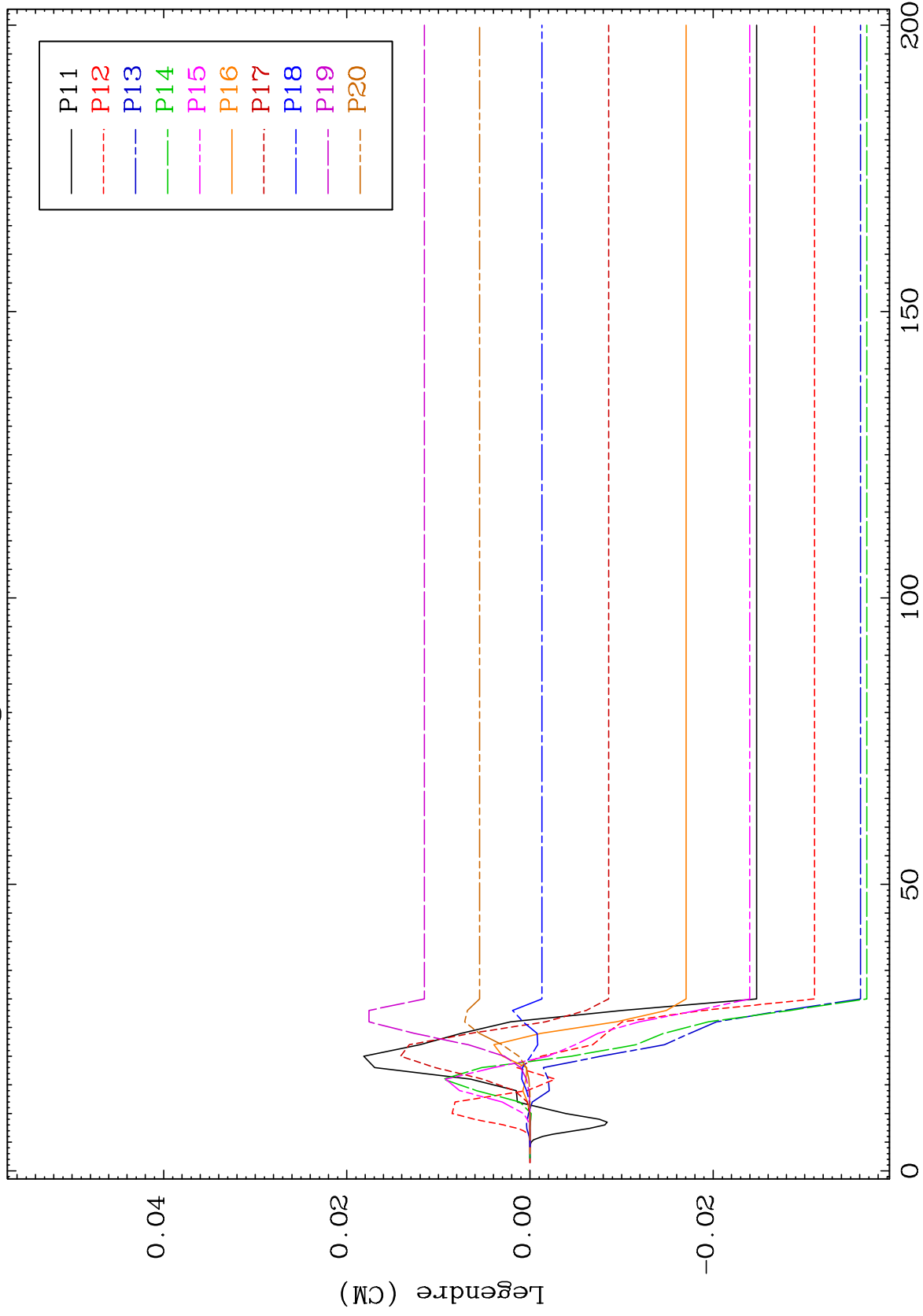
Incident Energy (MeV)

20

MAT 7834

1.642 keV (n,n') Level
Legendre Coefficients

78-Pt-193



21

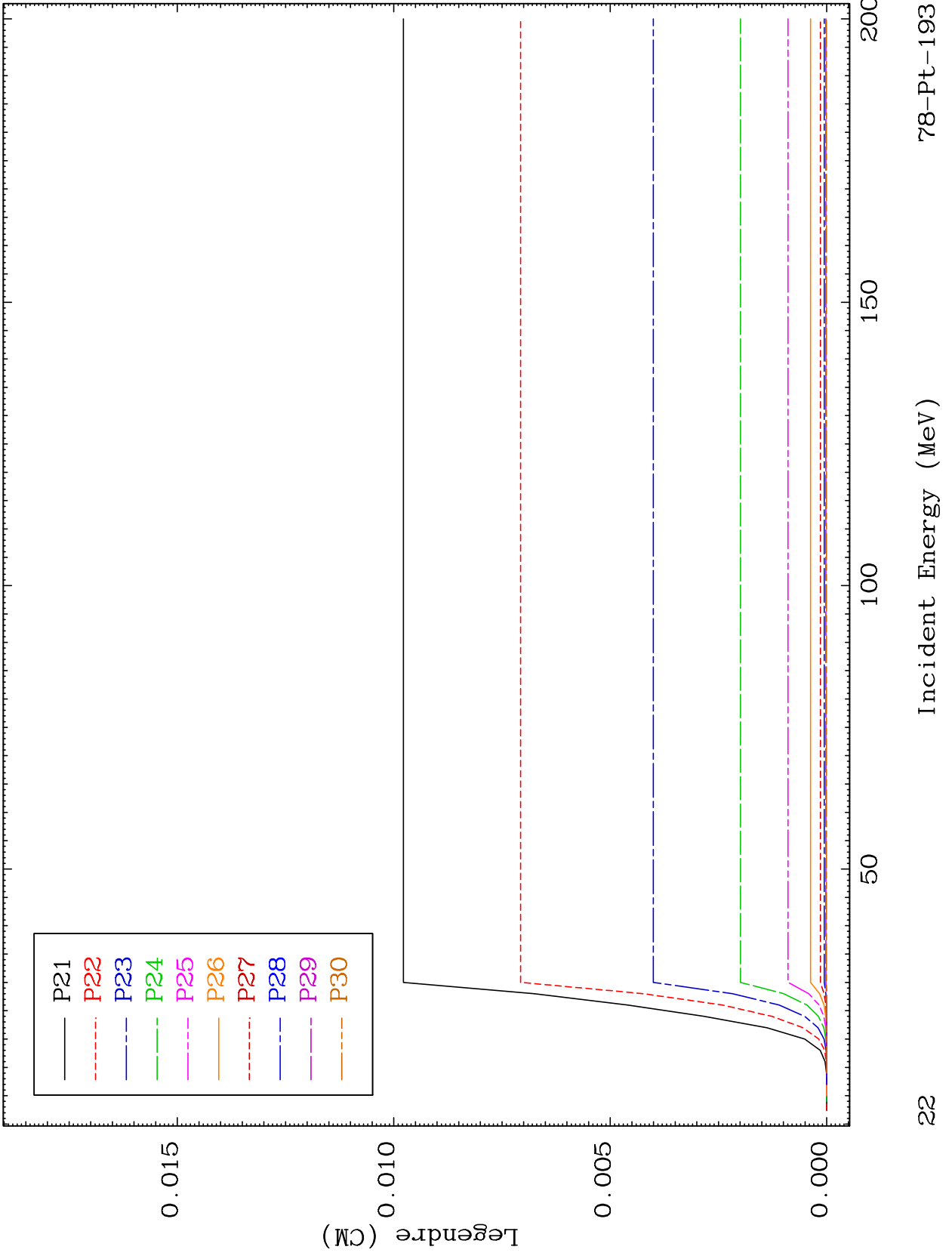
Incident Energy (MeV)

78-Pt-193

MAT 7834

1.642 keV (n,n') Level
Legendre Coefficients

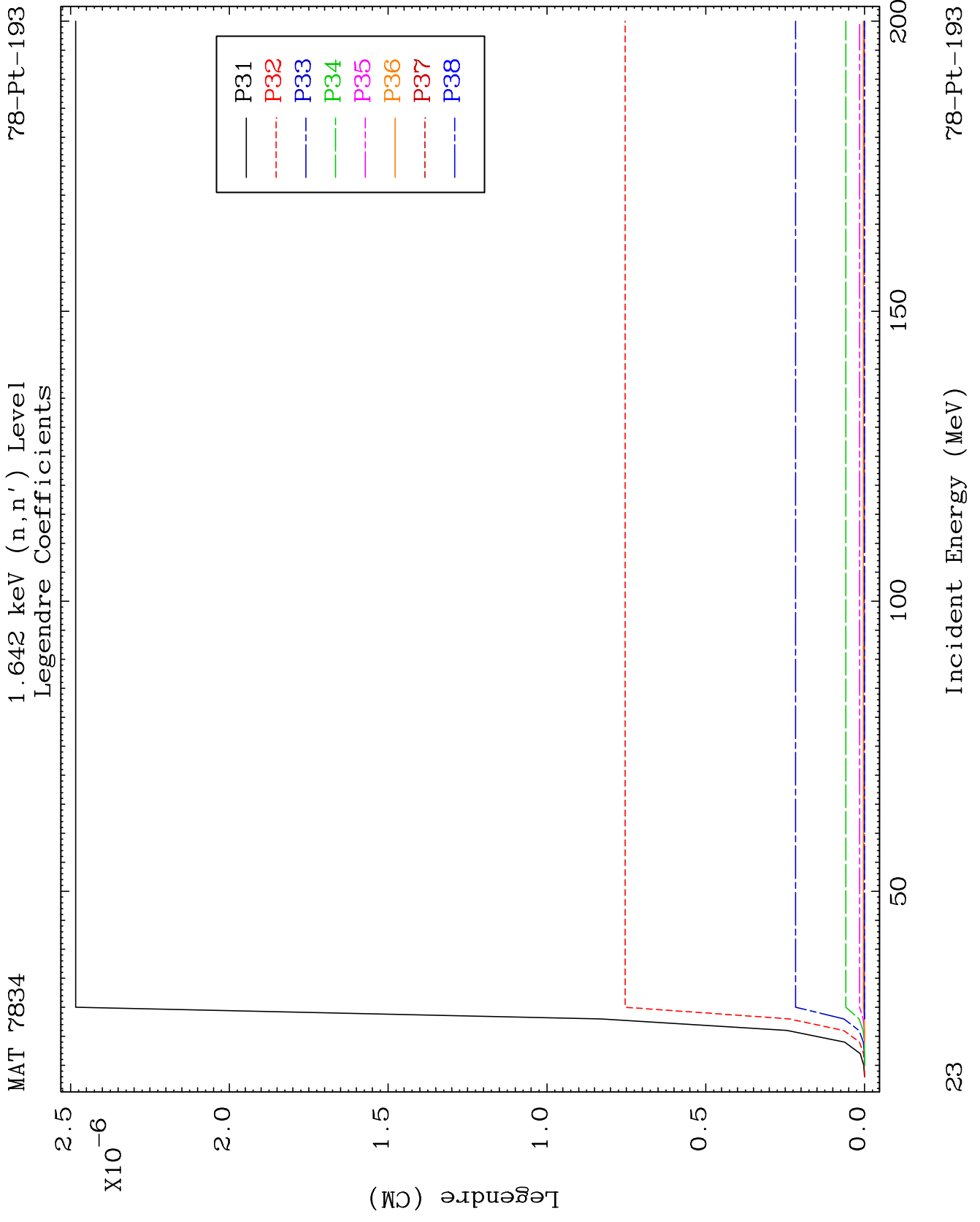
78-Pt-193

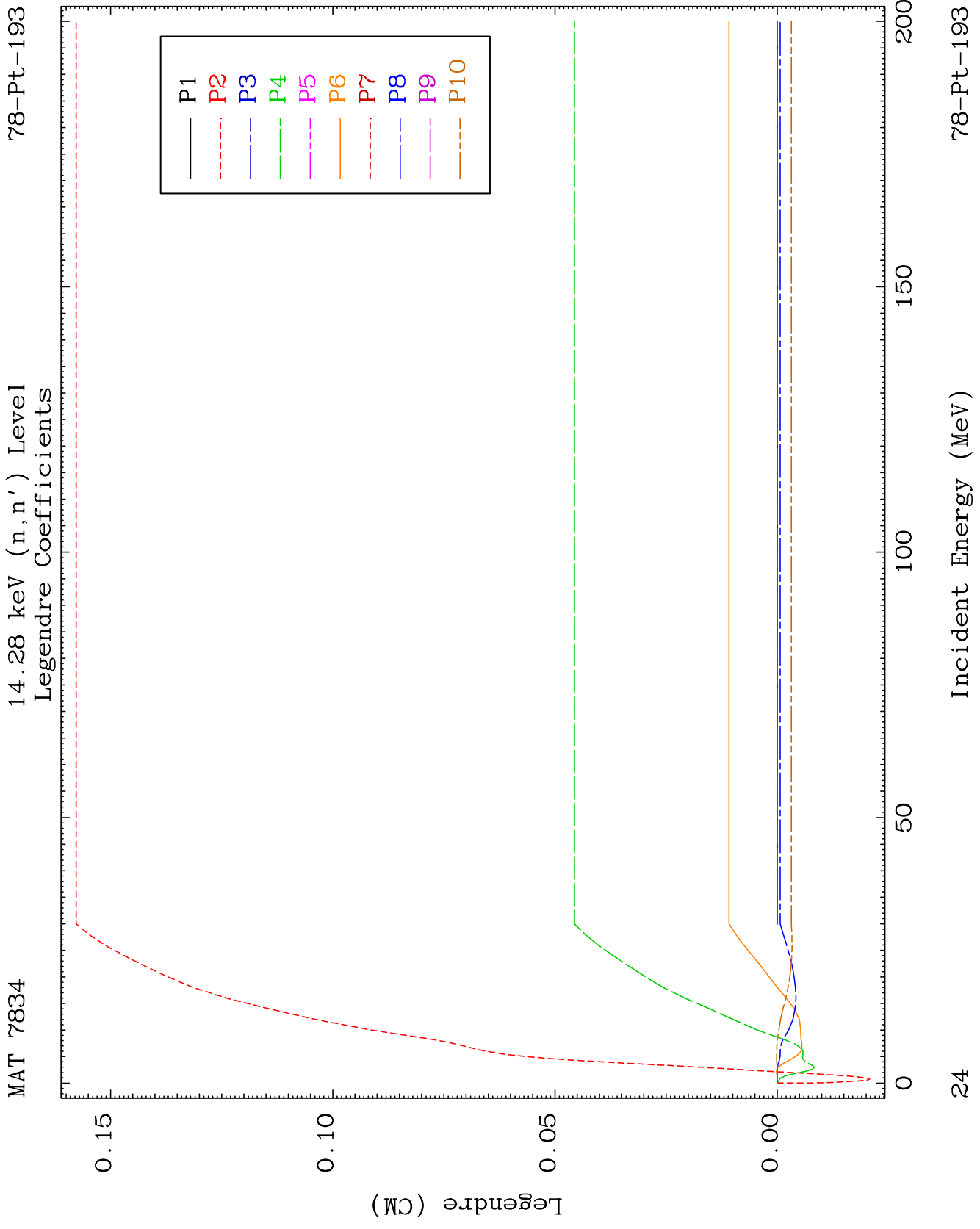


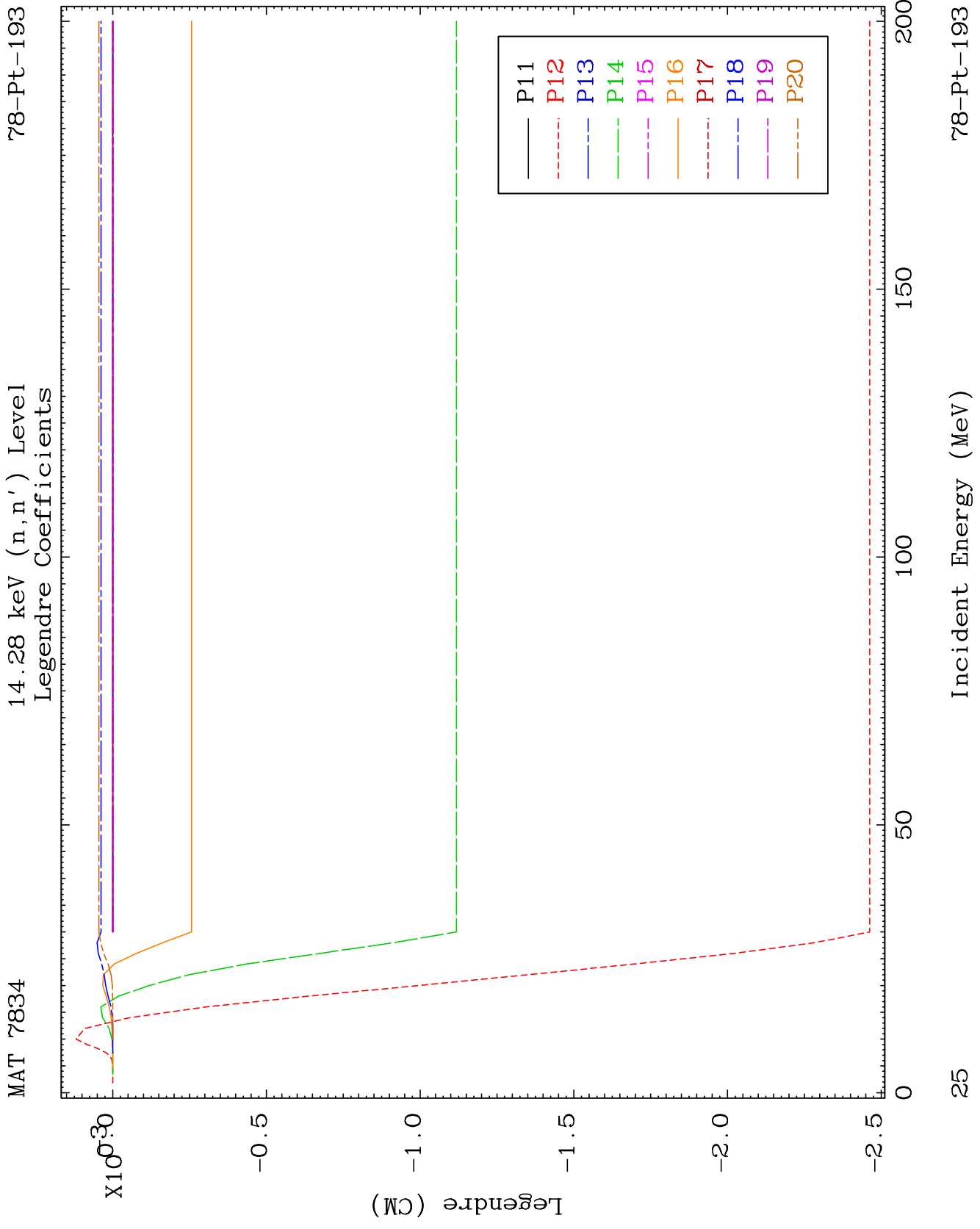
22

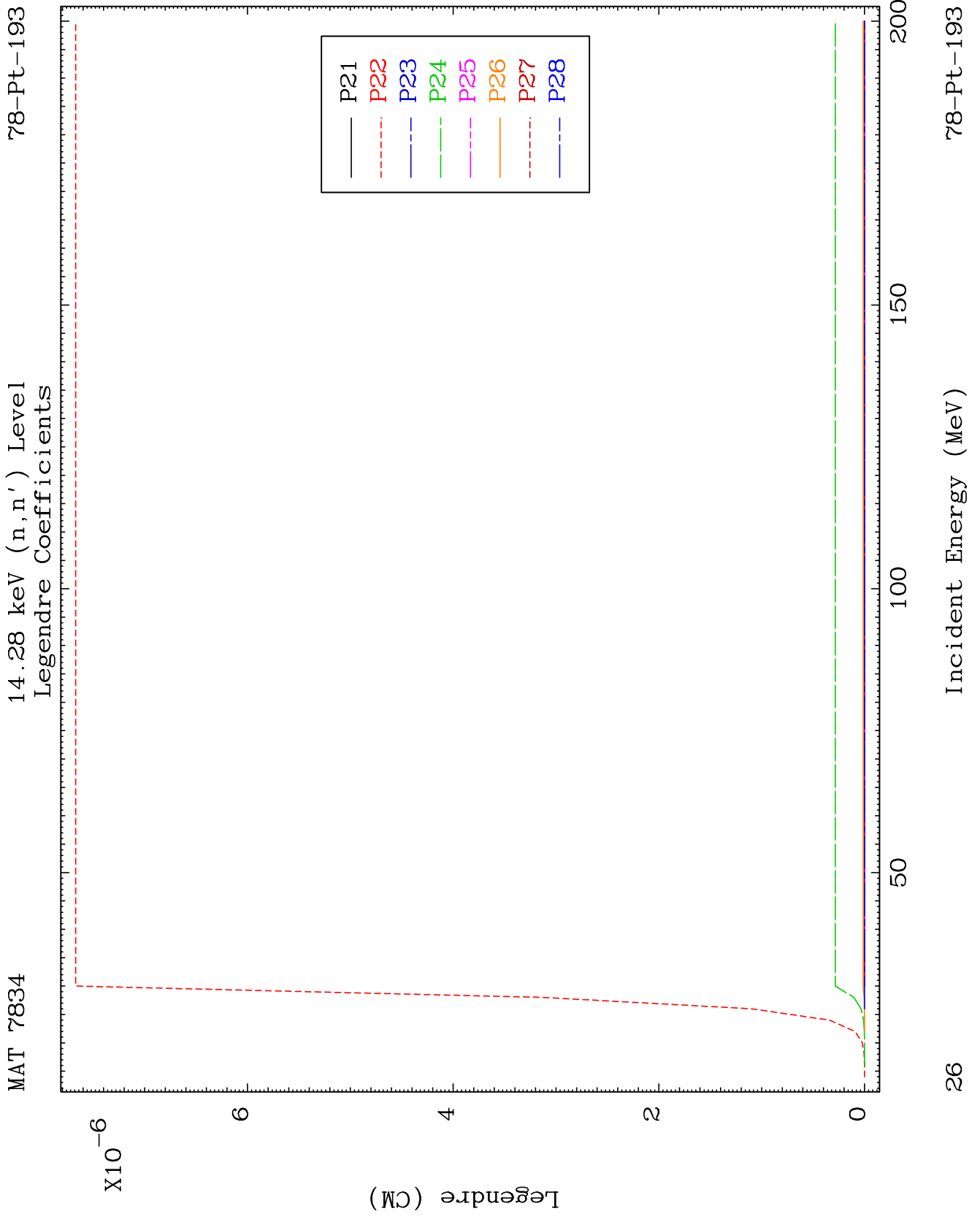
Incident Energy (MeV)

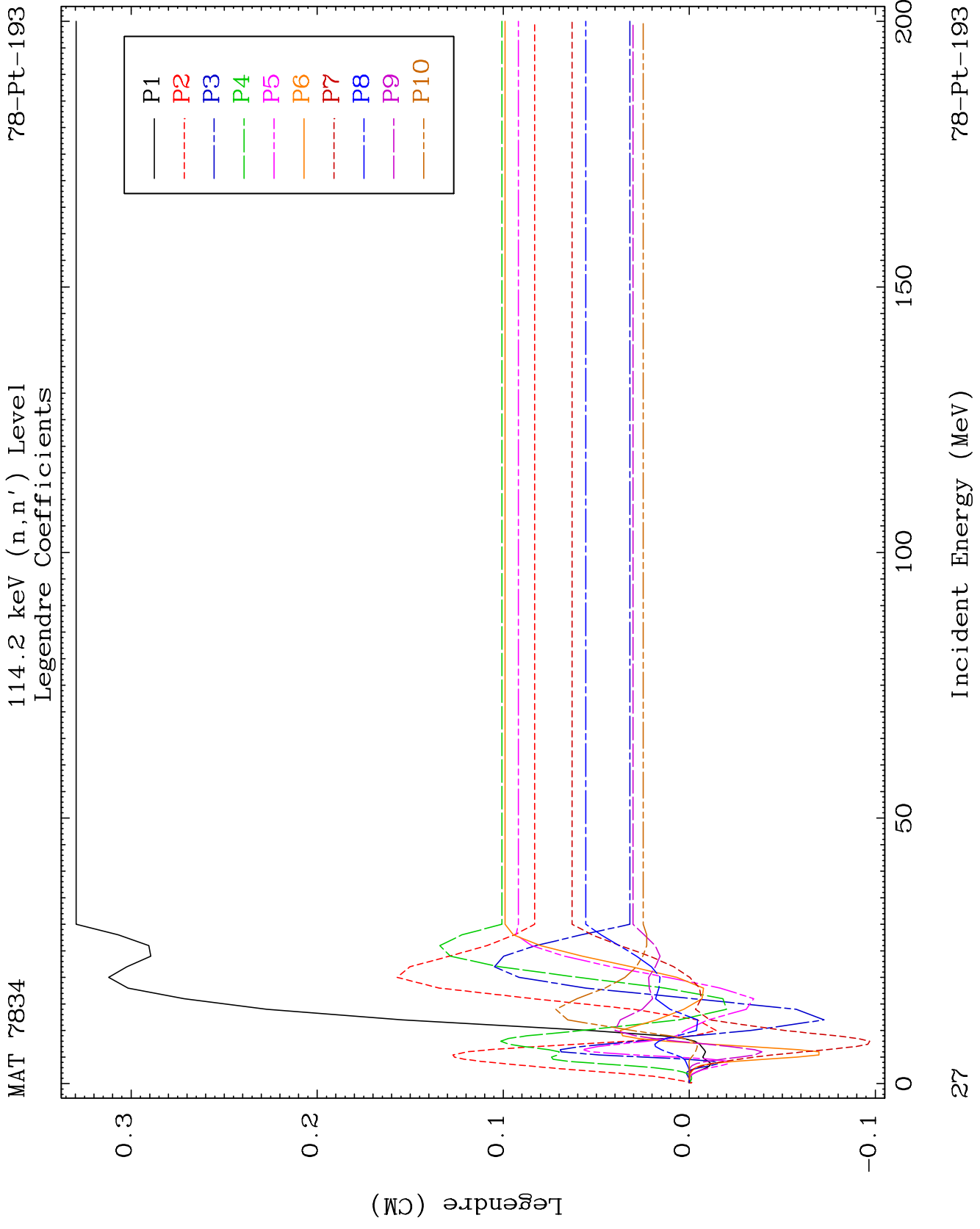
78-Pt-193

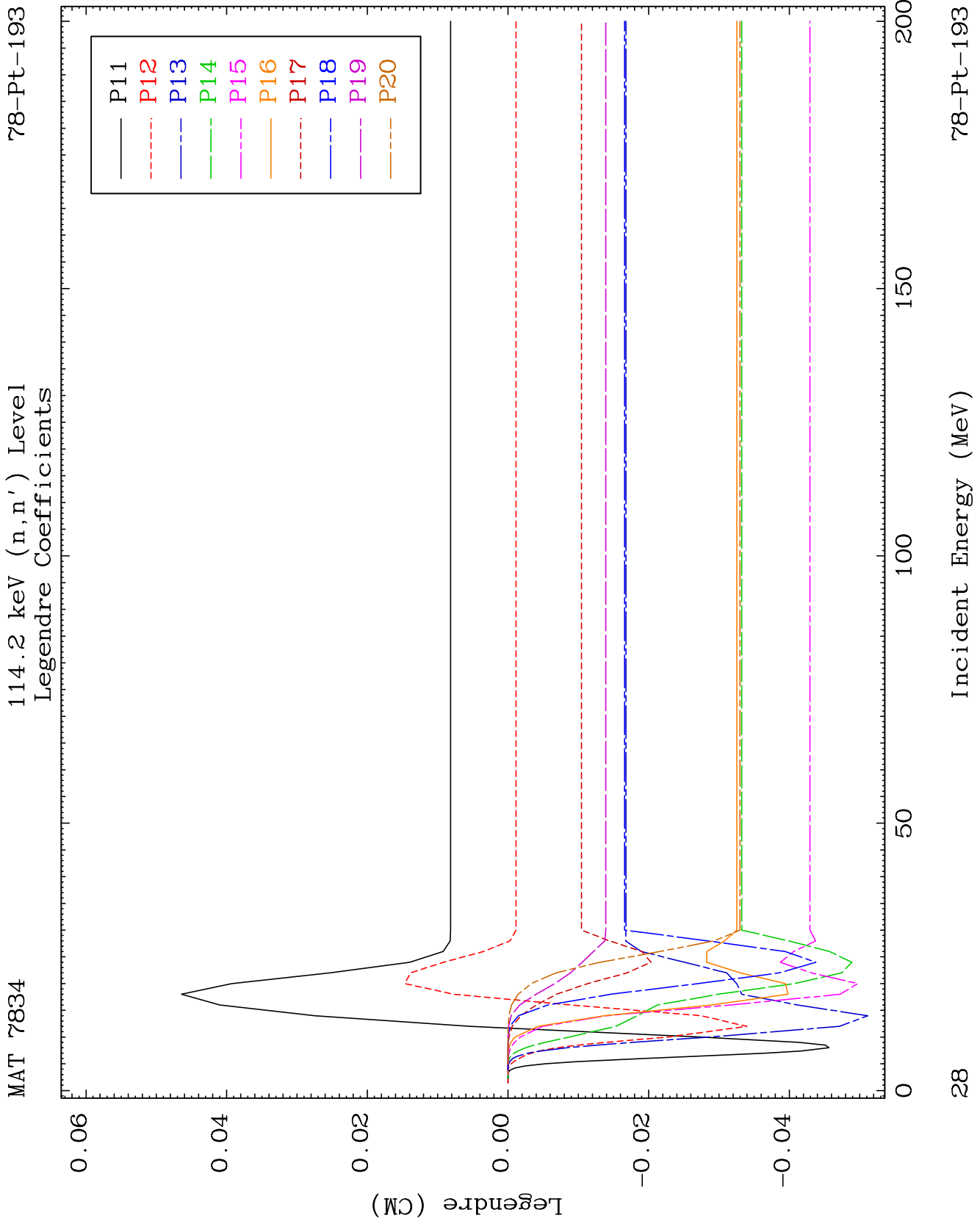


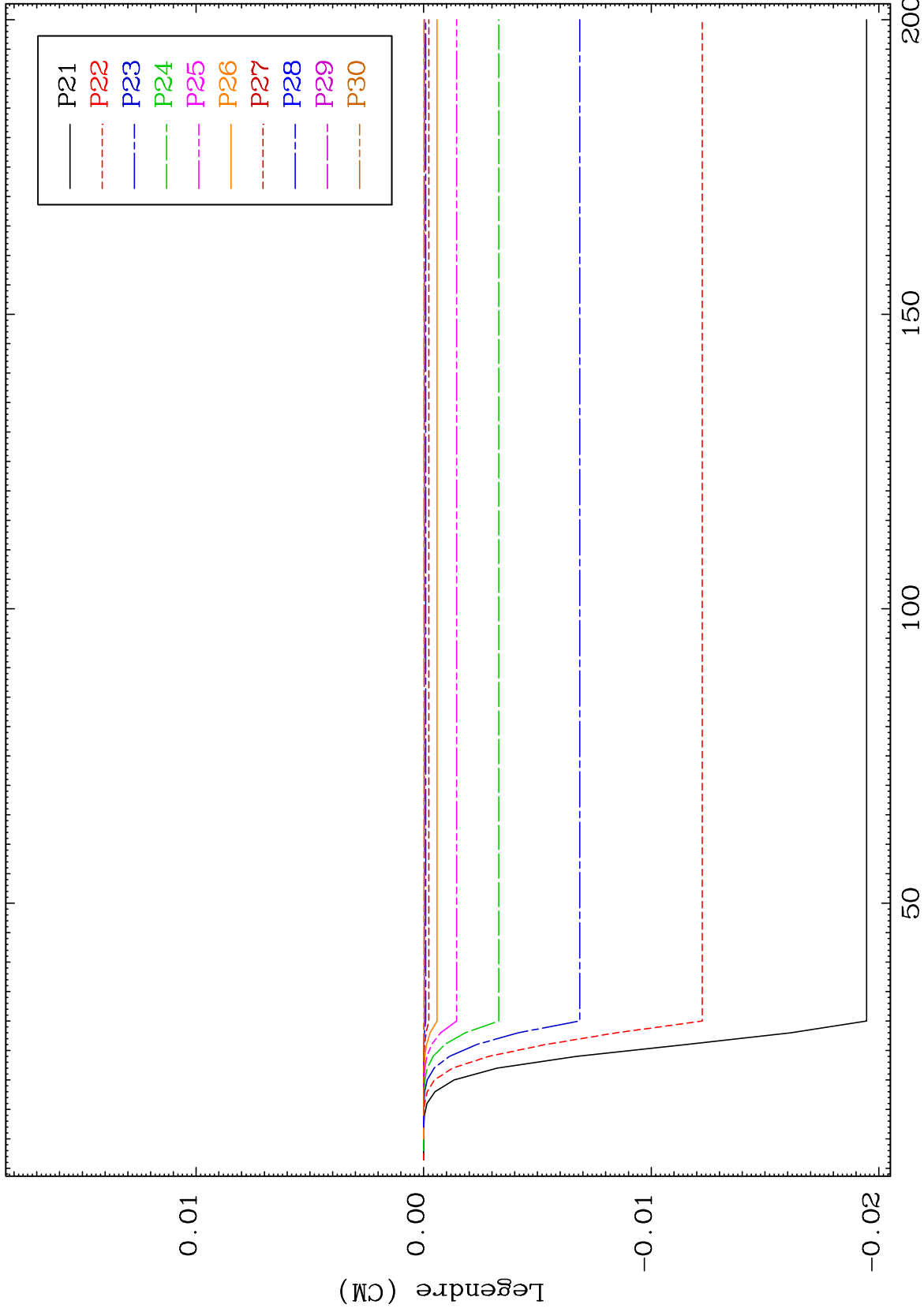


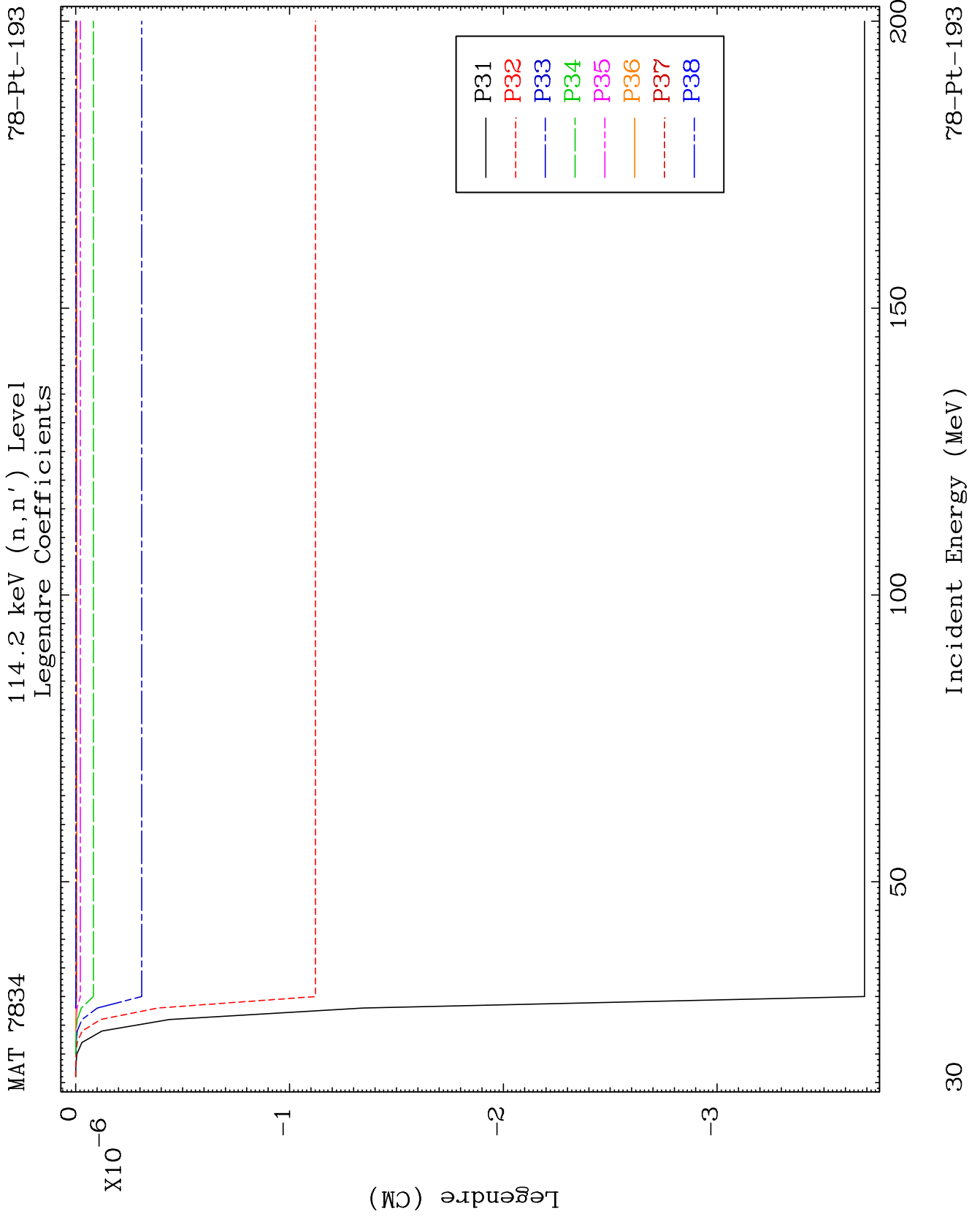


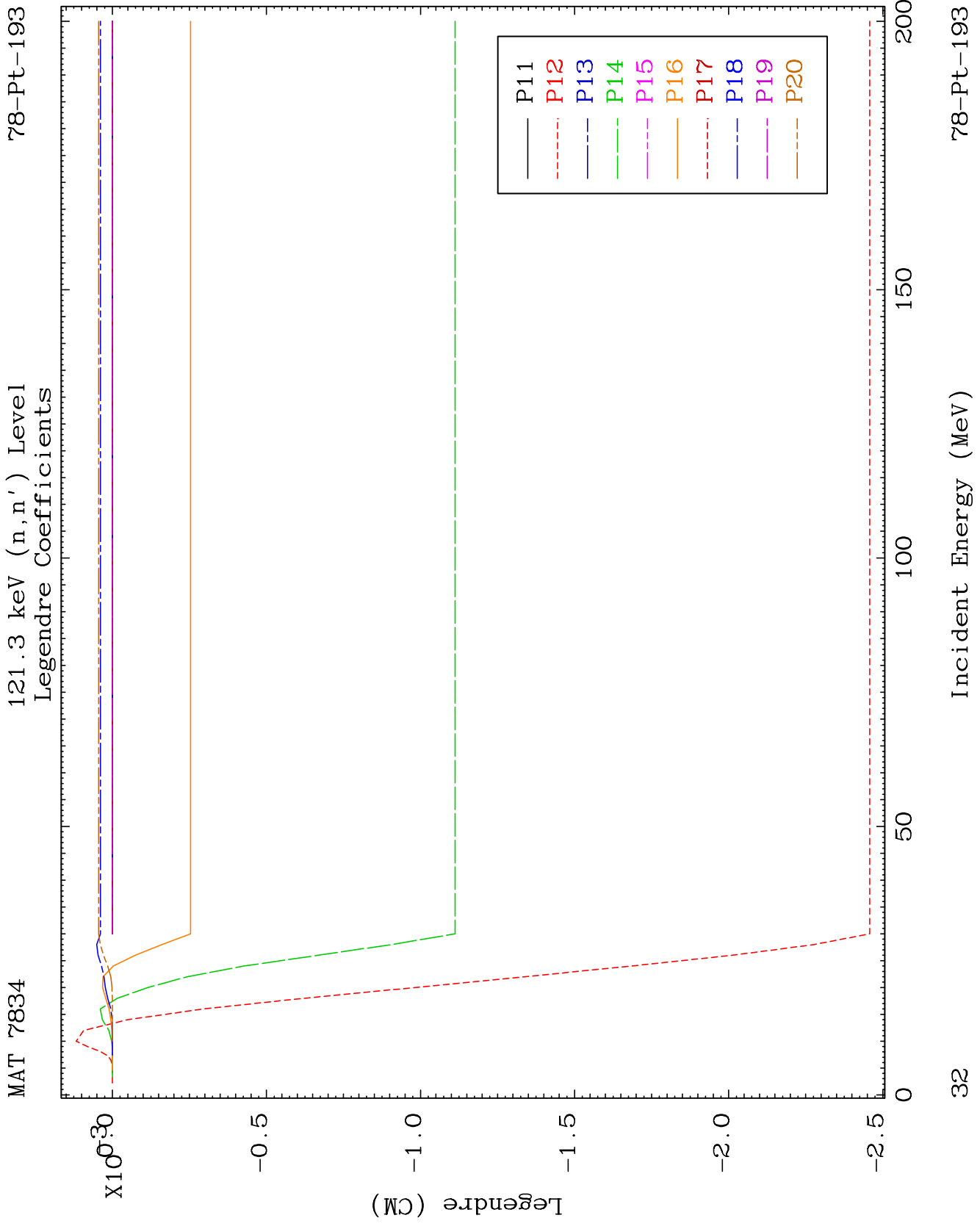


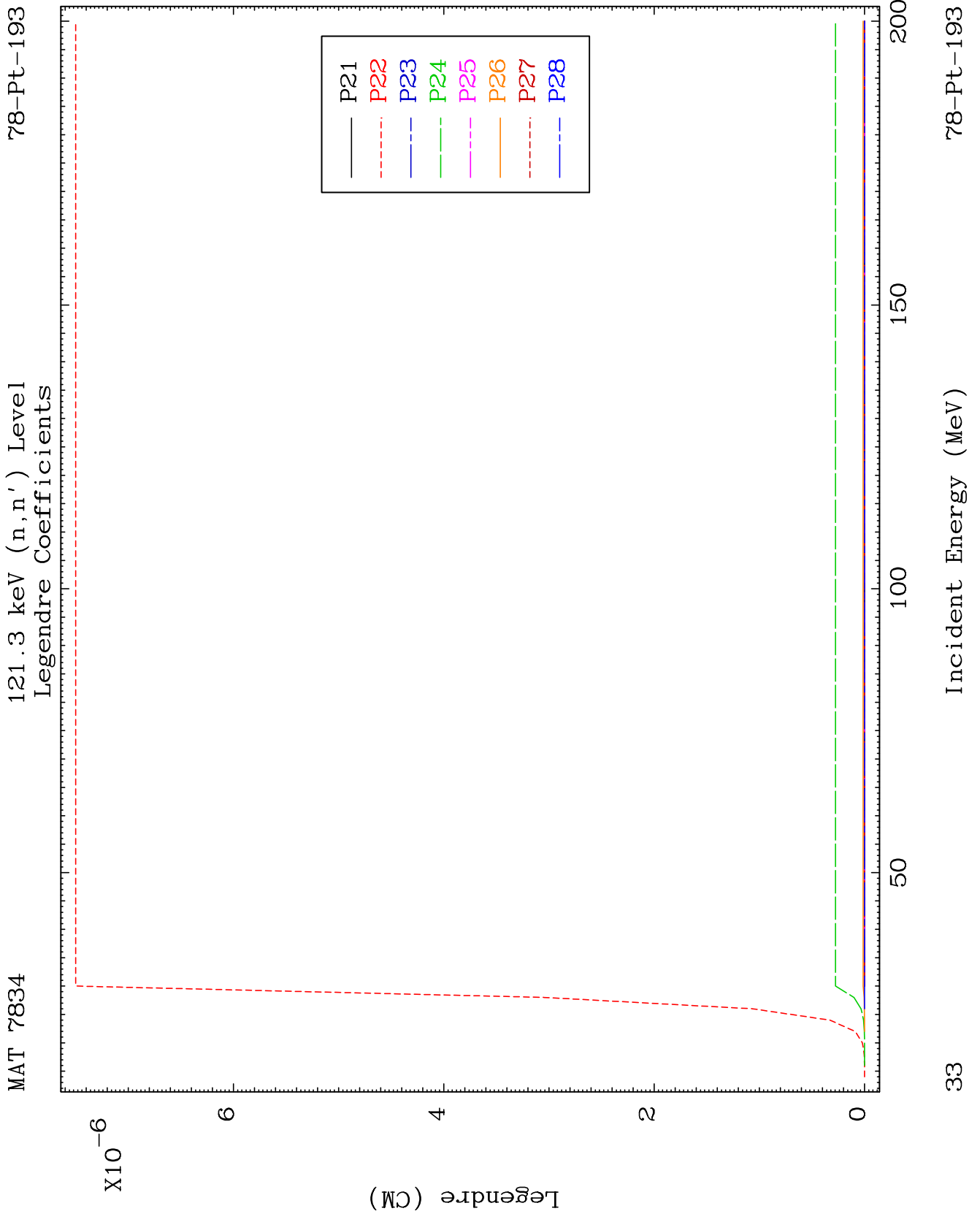








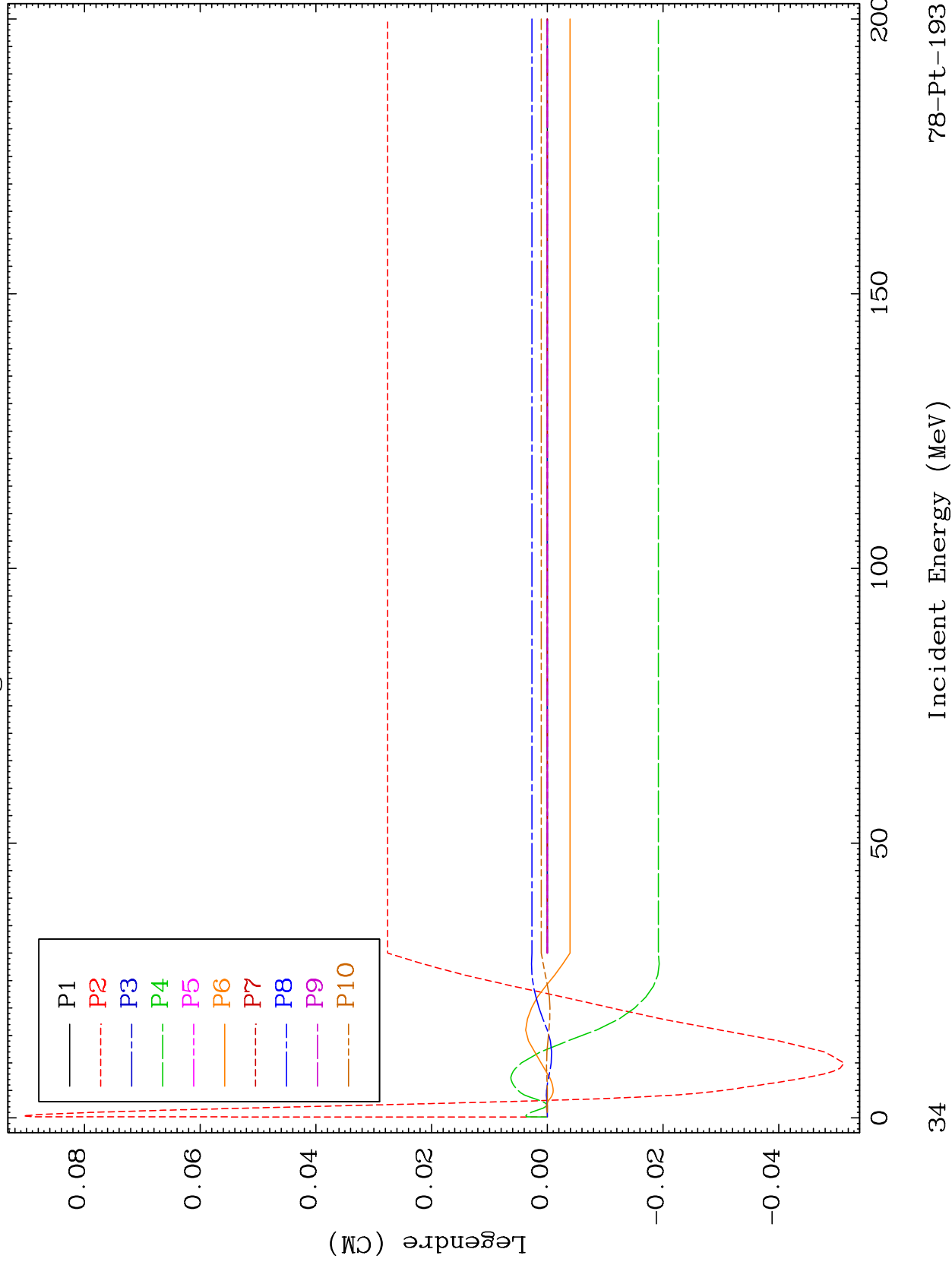




MAT 7834

149.8 keV (n,n') Level
Legendre Coefficients

78-Pt-193



78-Pt-193

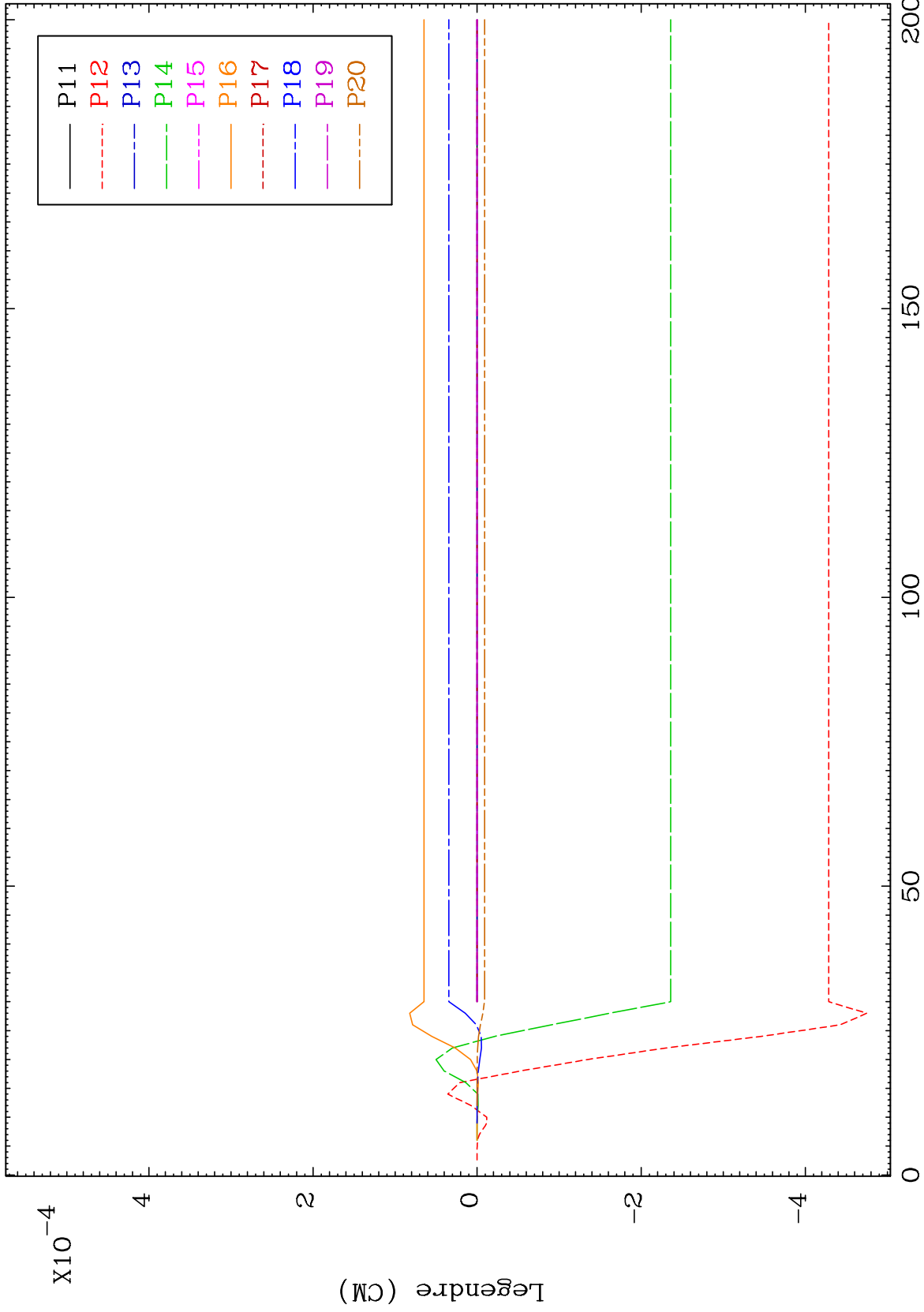
Incident Energy (MeV)

34

MAT 7834

149.8 keV (n,n') Level
Legendre Coefficients

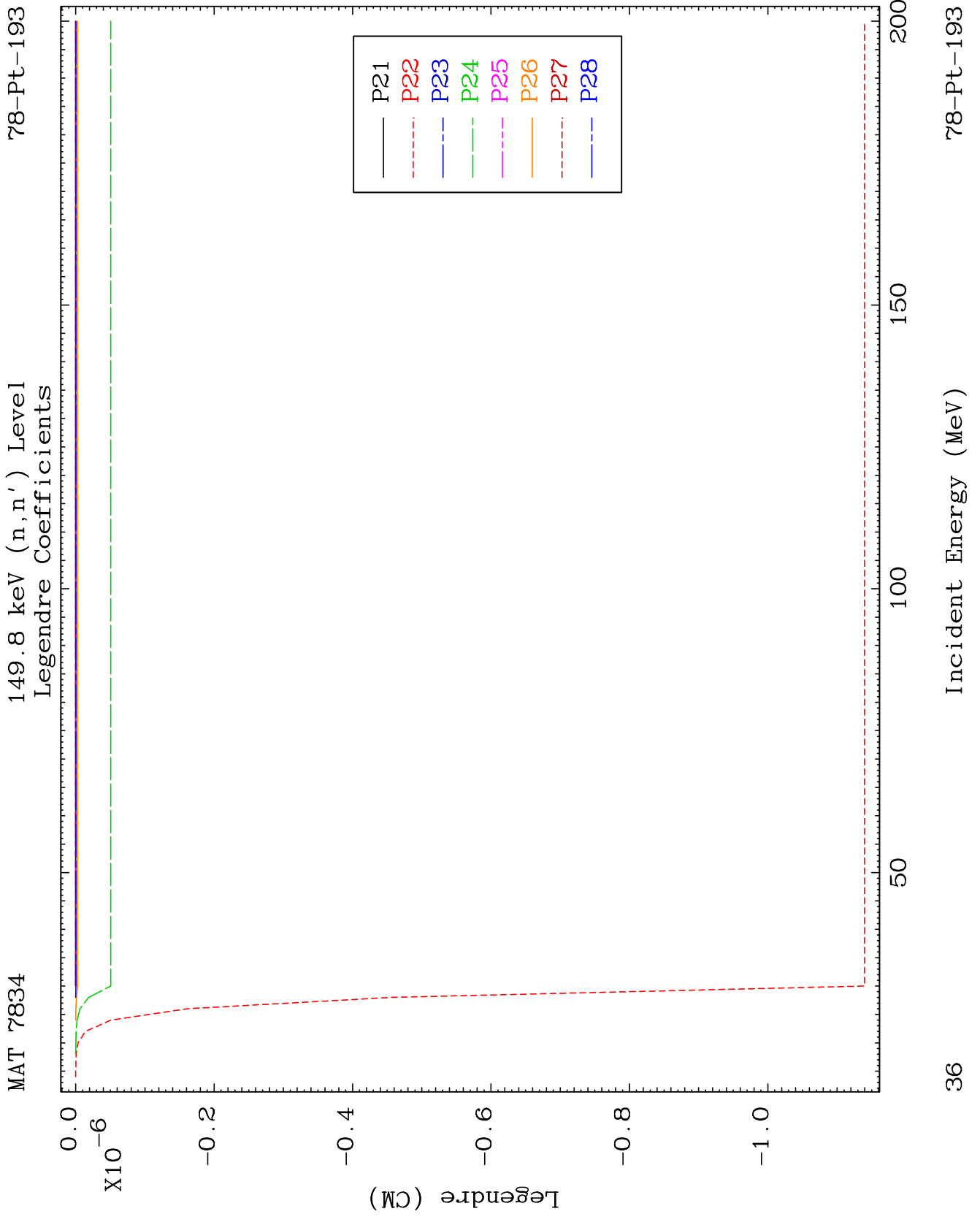
78-Pt-193



35

Incident Energy (MeV)

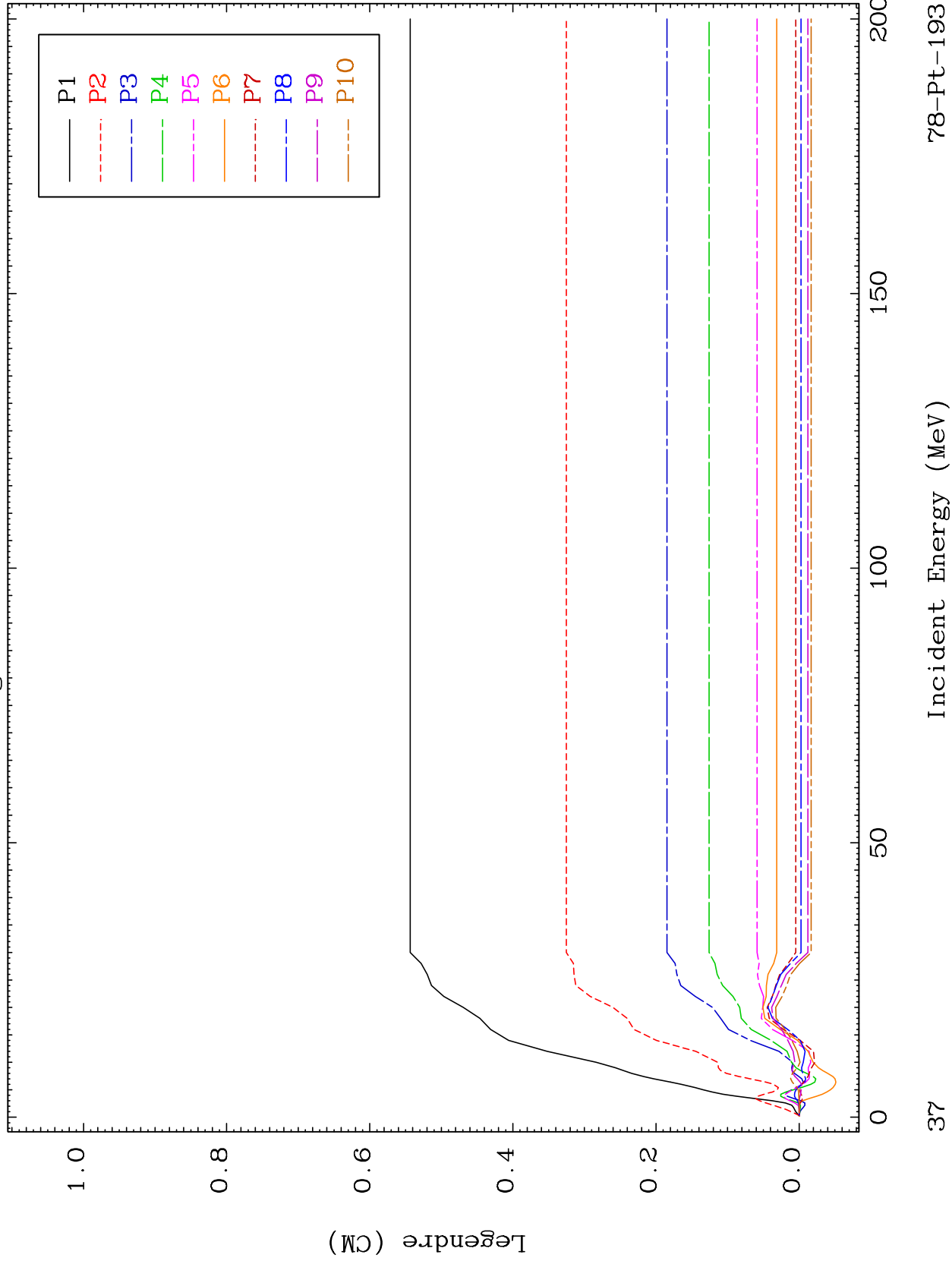
78-Pt-193



MAT 7834

187.8 keV (n,n') Level
Legendre Coefficients

78-Pt-193



78-Pt-193

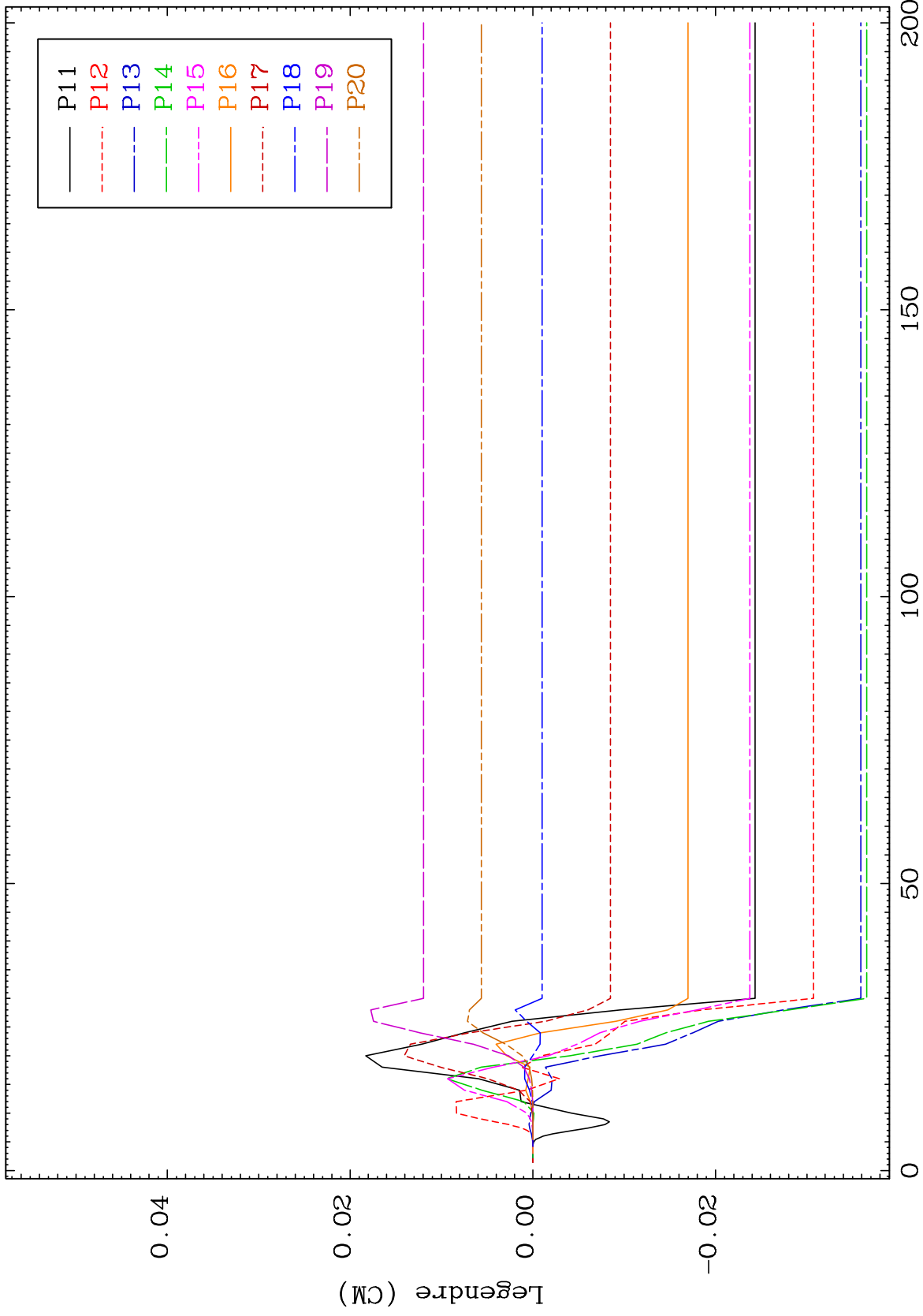
Incident Energy (MeV)

37

MAT 7834

187.8 keV (n,n') Level
Legendre Coefficients

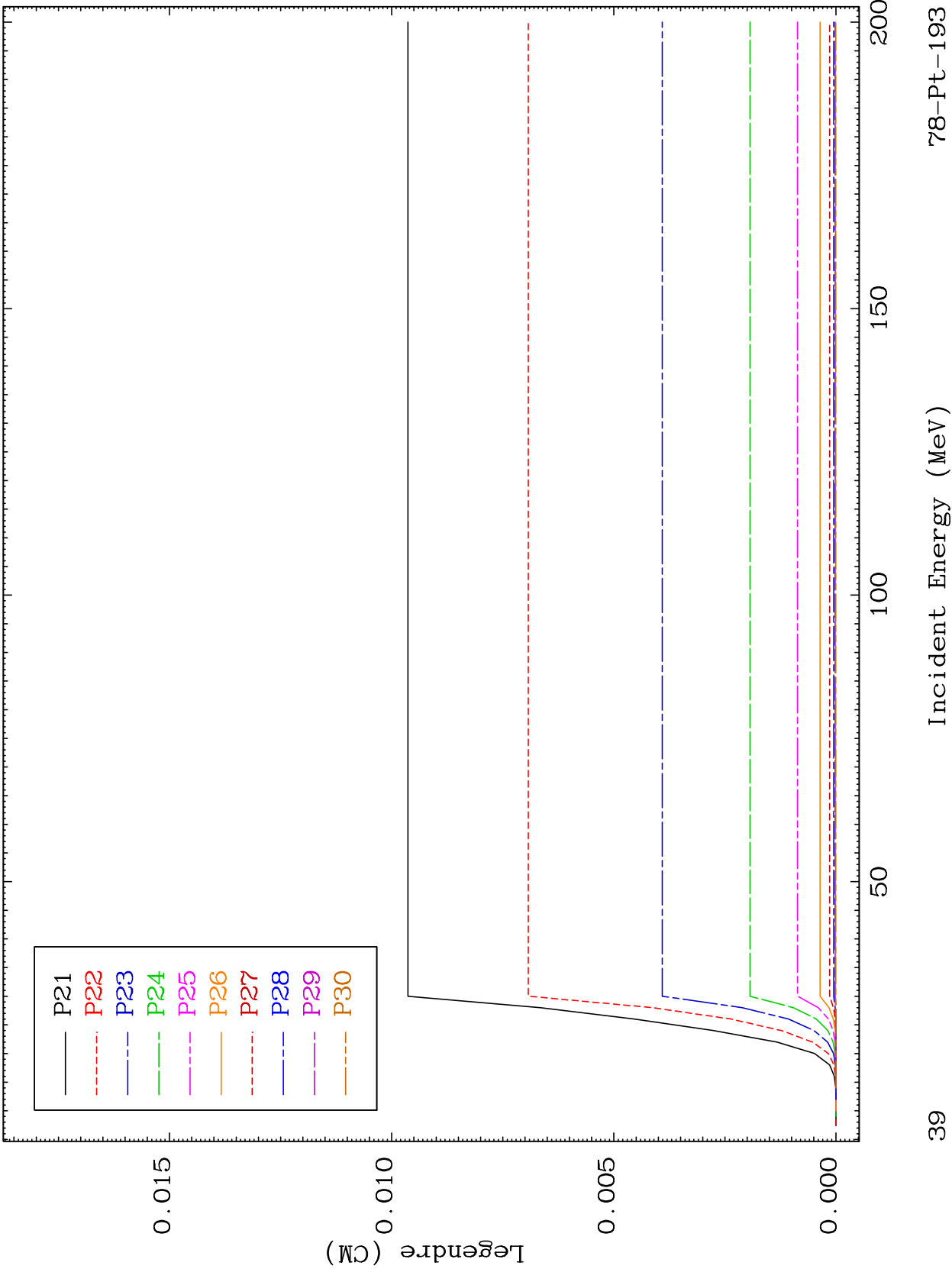
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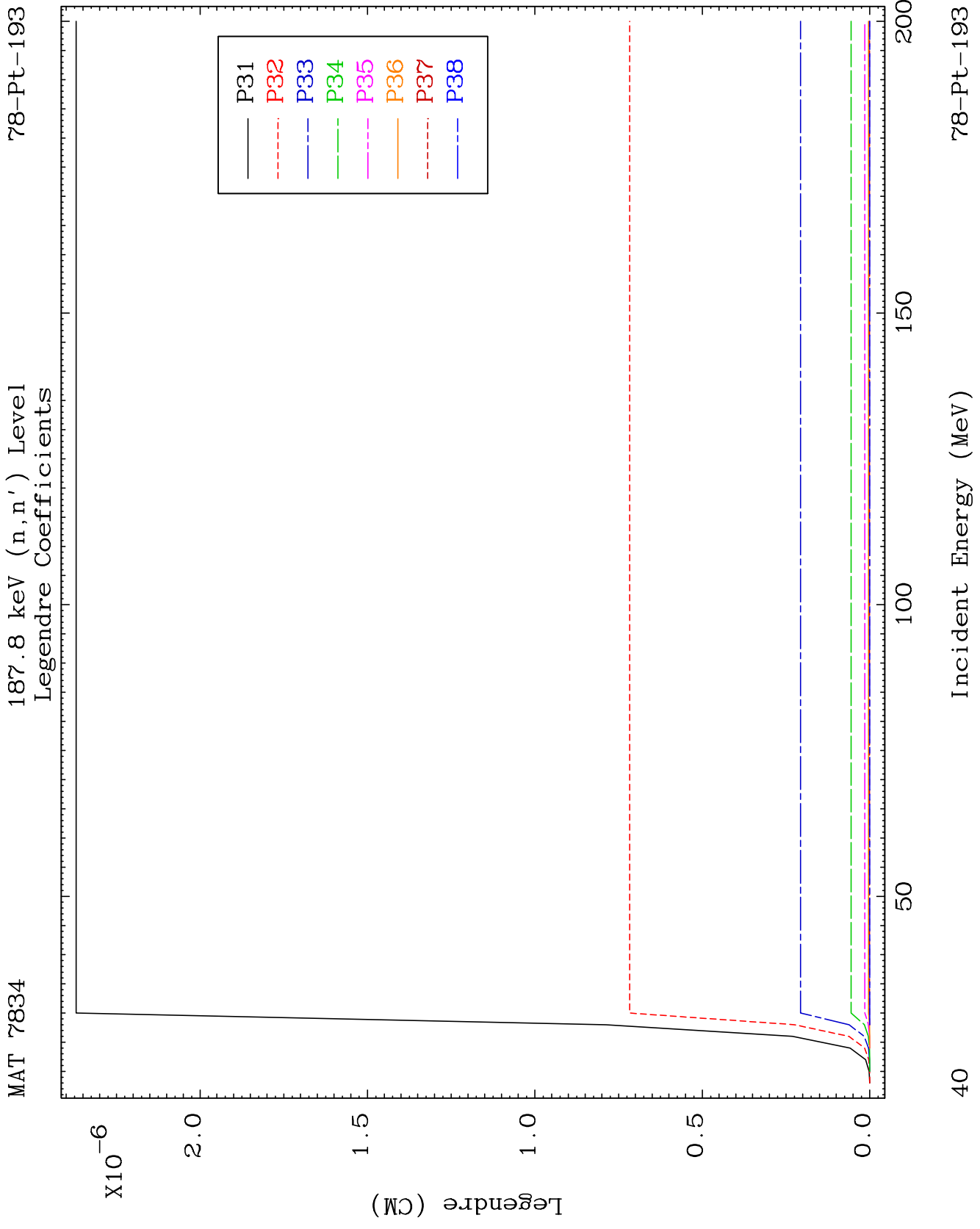


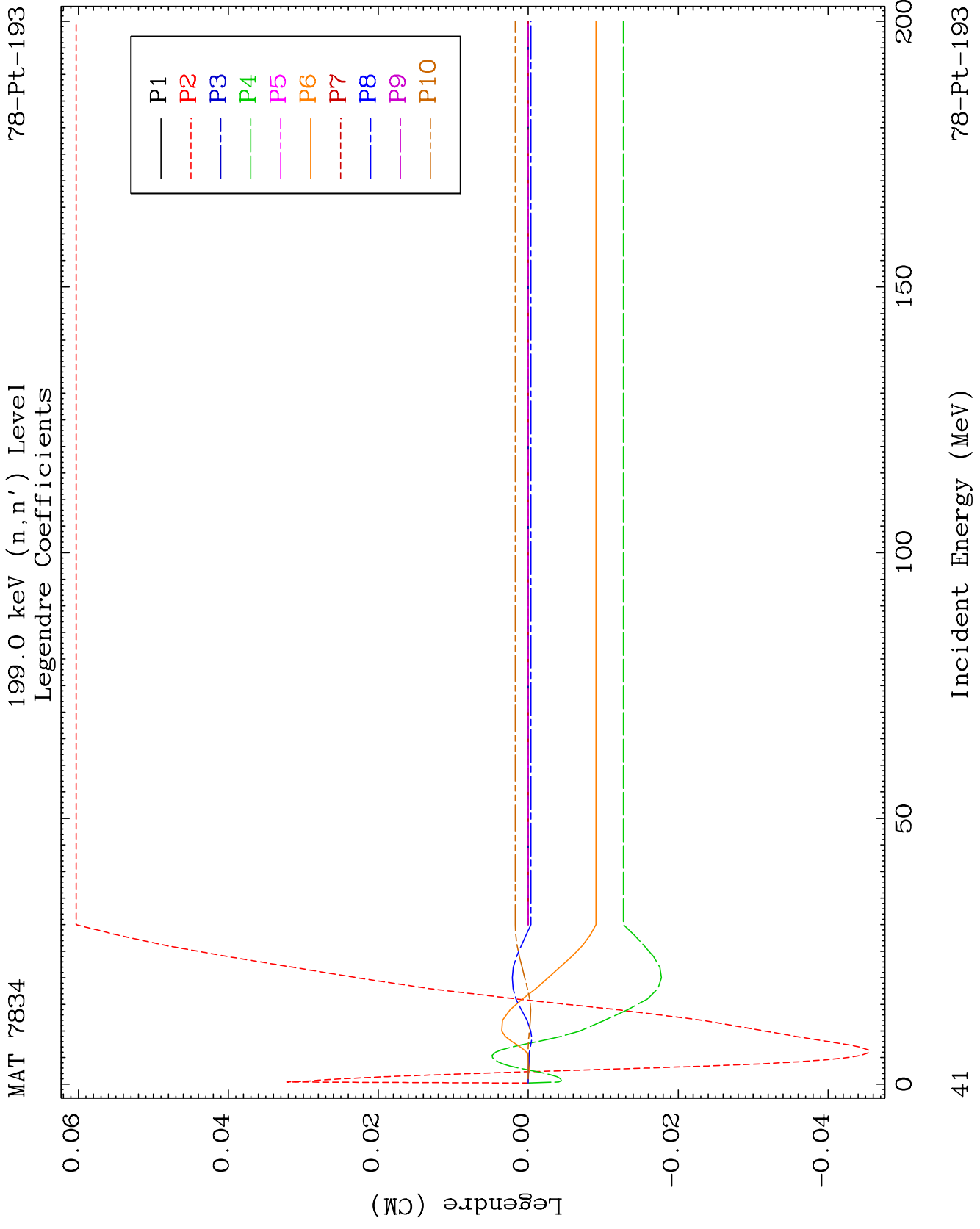
38

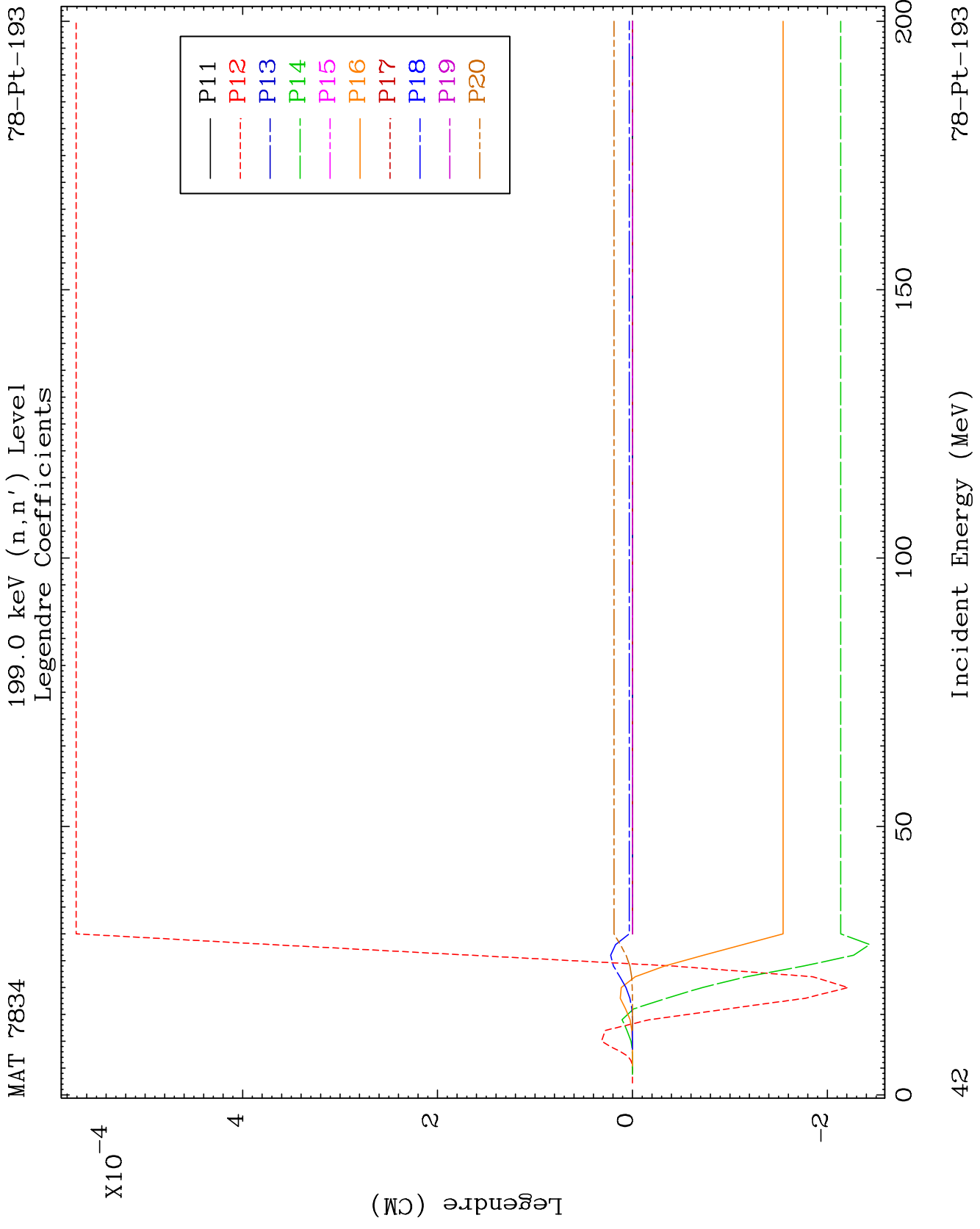
Incident Energy (MeV)

78-Pt-193





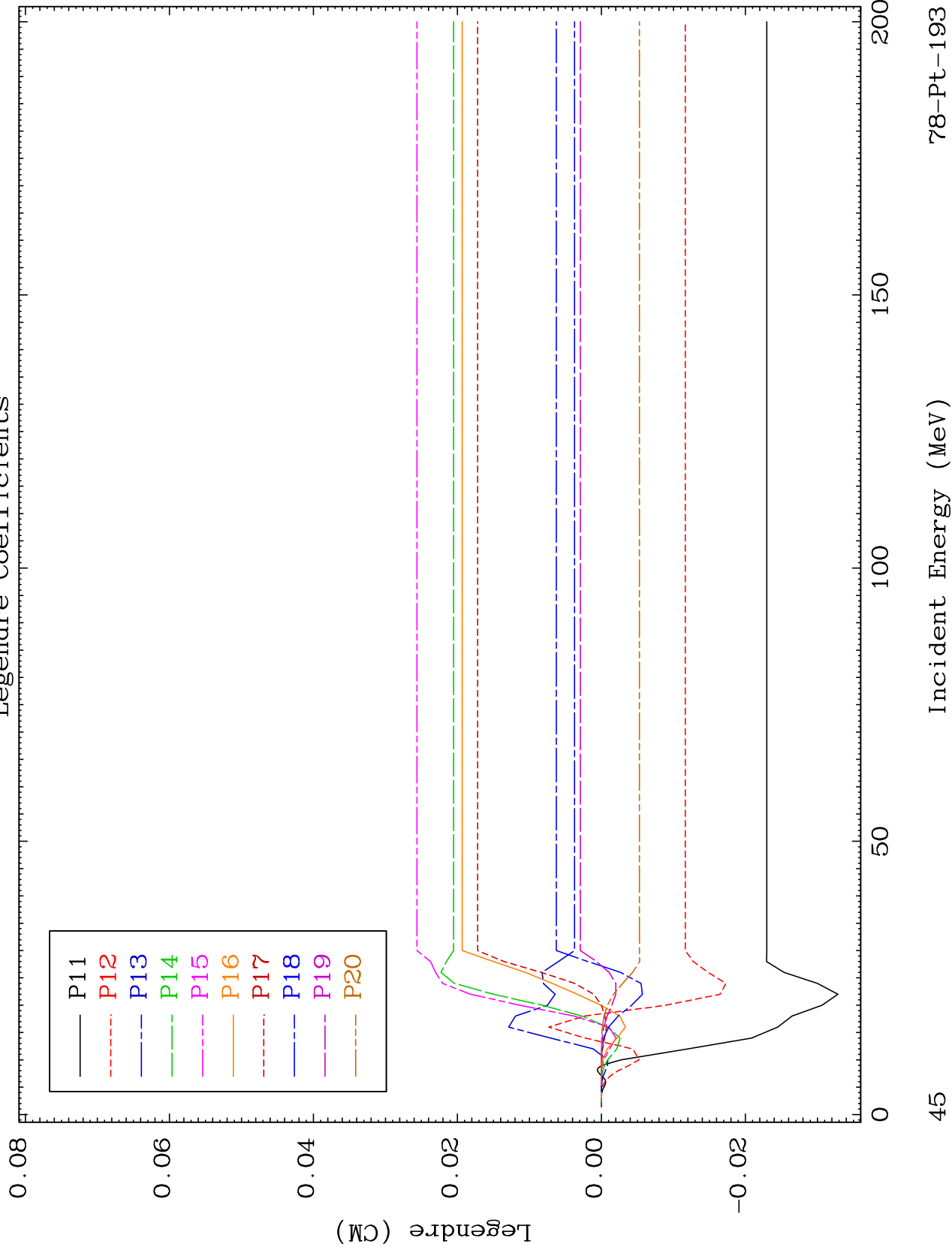




MAT 7834

232.2 keV (n,n') Level
Legendre Coefficients

78-Pt-193



78-Pt-193

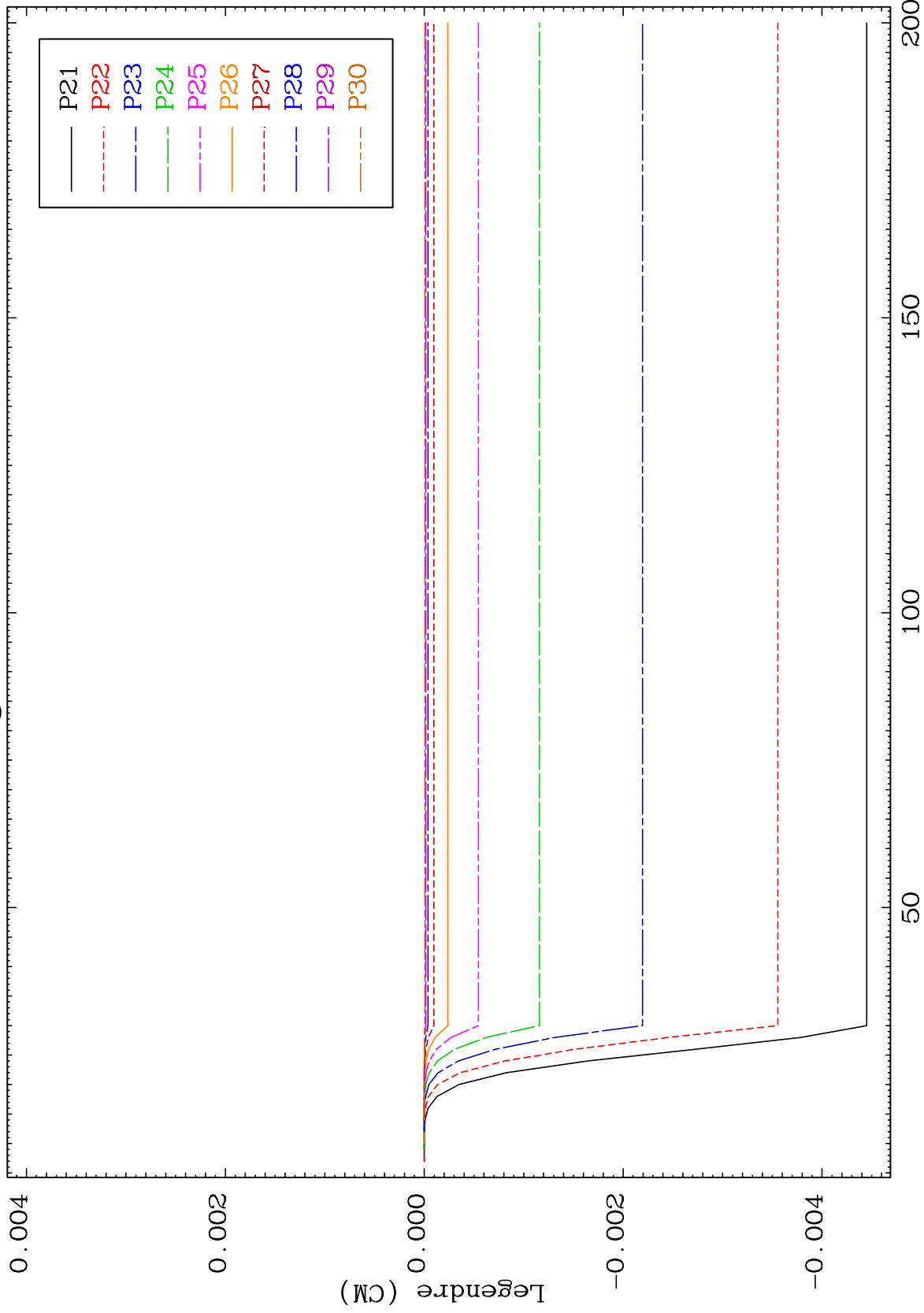
Incident Energy (MeV)

45

MAT 7834

232.2 keV (n,n') Level
Legendre Coefficients

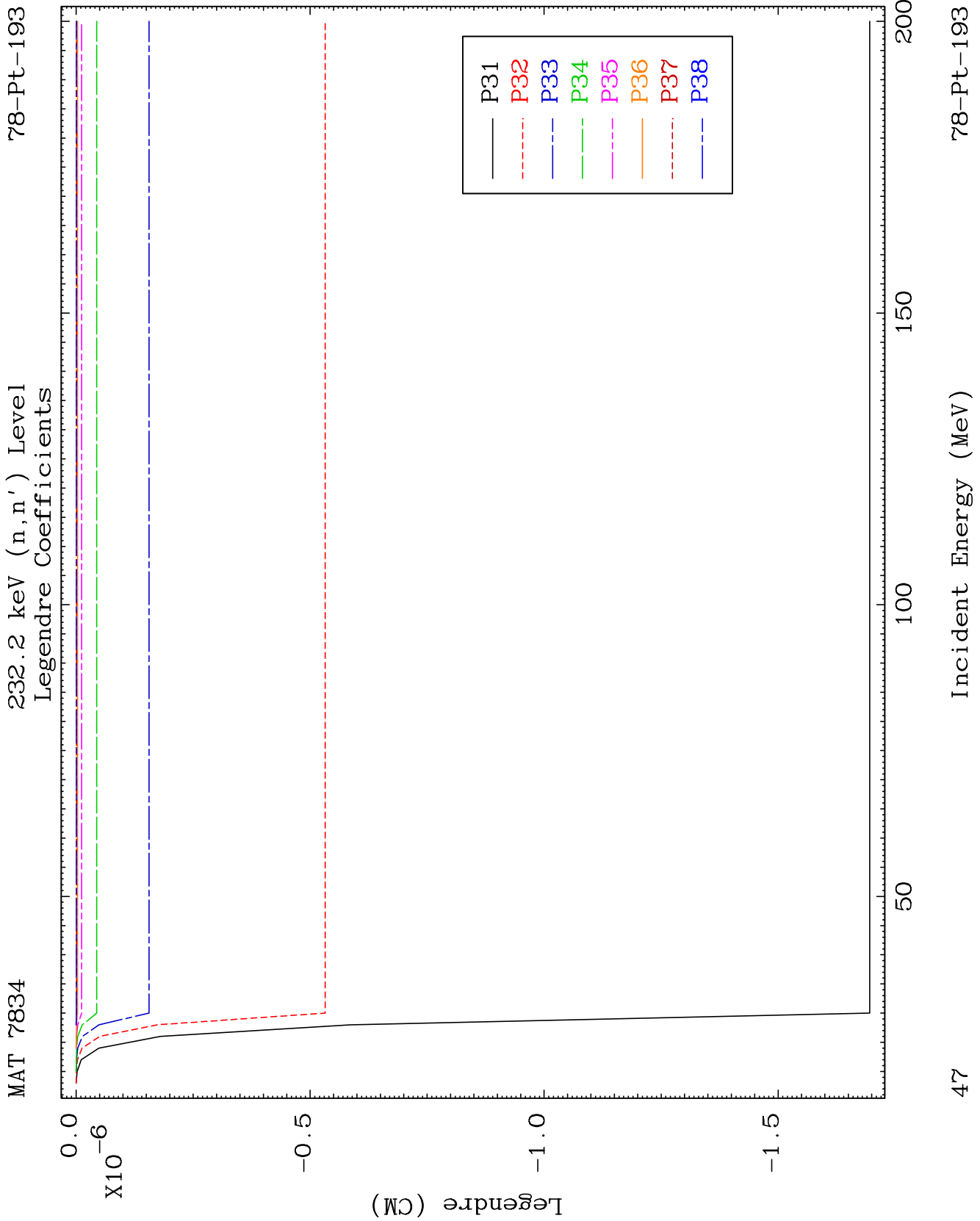
78-Pt-193



46

Incident Energy (MeV)

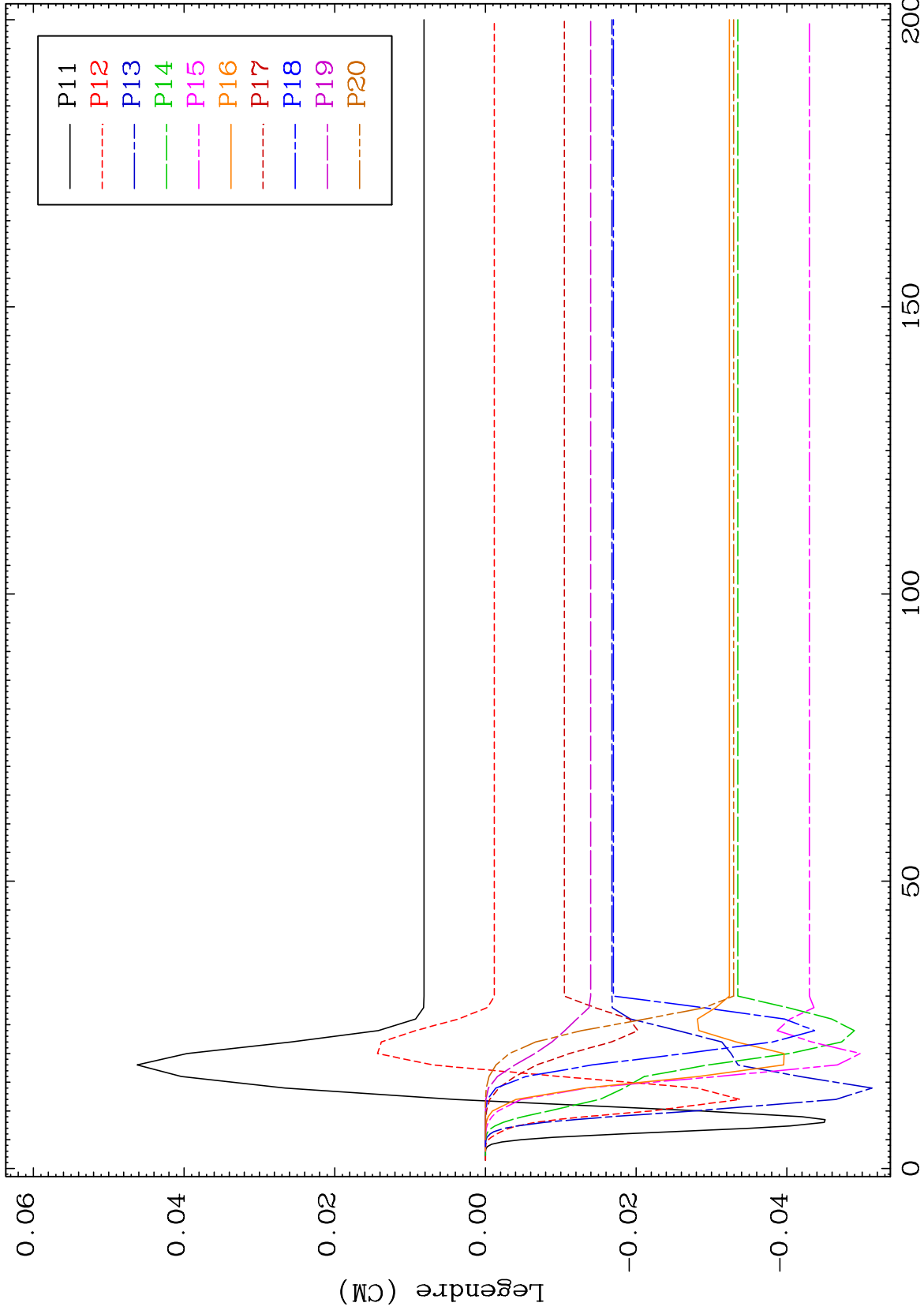
78-Pt-193



MAT 7834

269.8 keV (n,n') Level
Legendre Coefficients

78-Pt-193



49

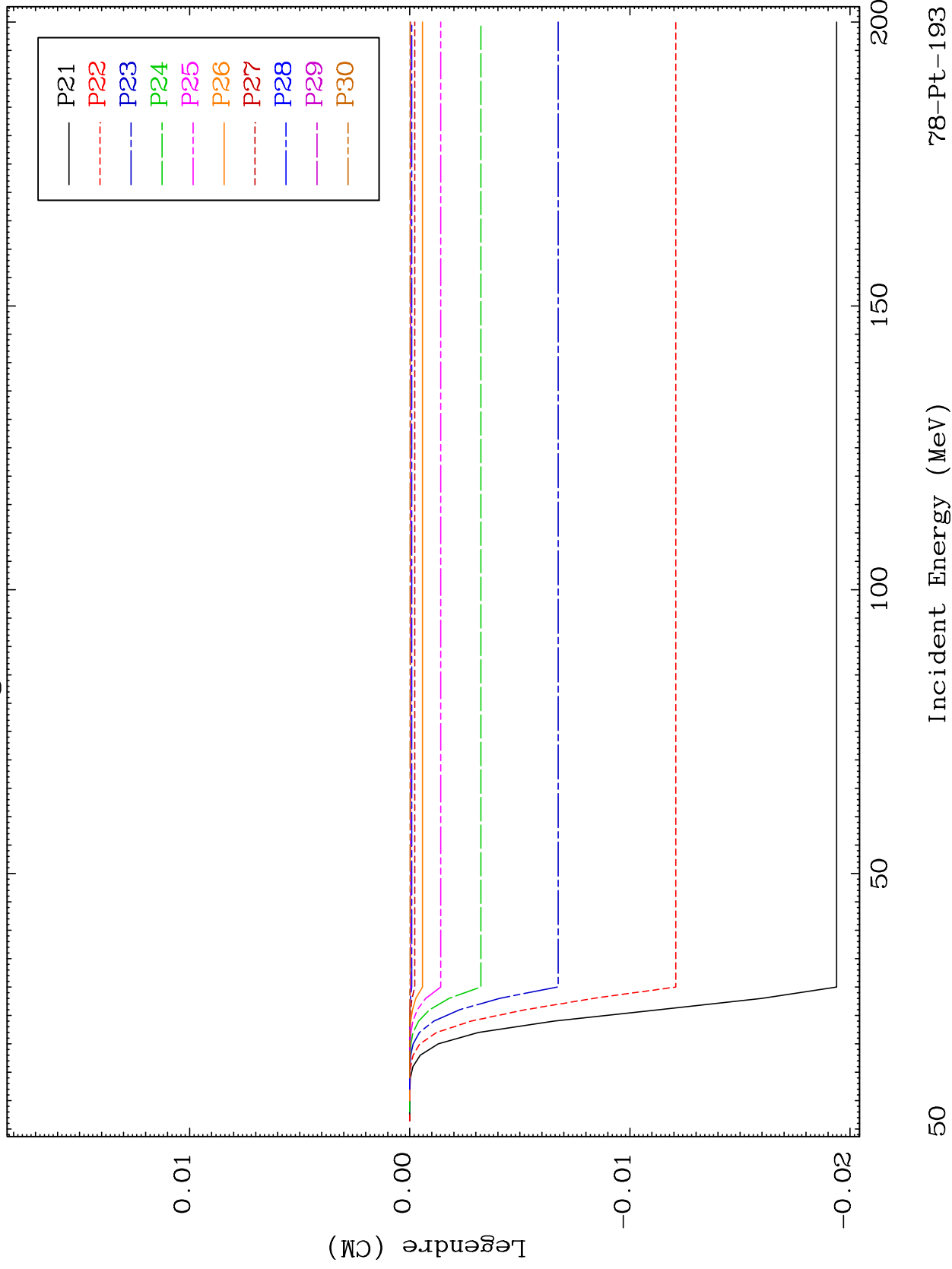
Incident Energy (MeV)

78-Pt-193

MAT 7834

269.8 keV (n,n') Level
Legendre Coefficients

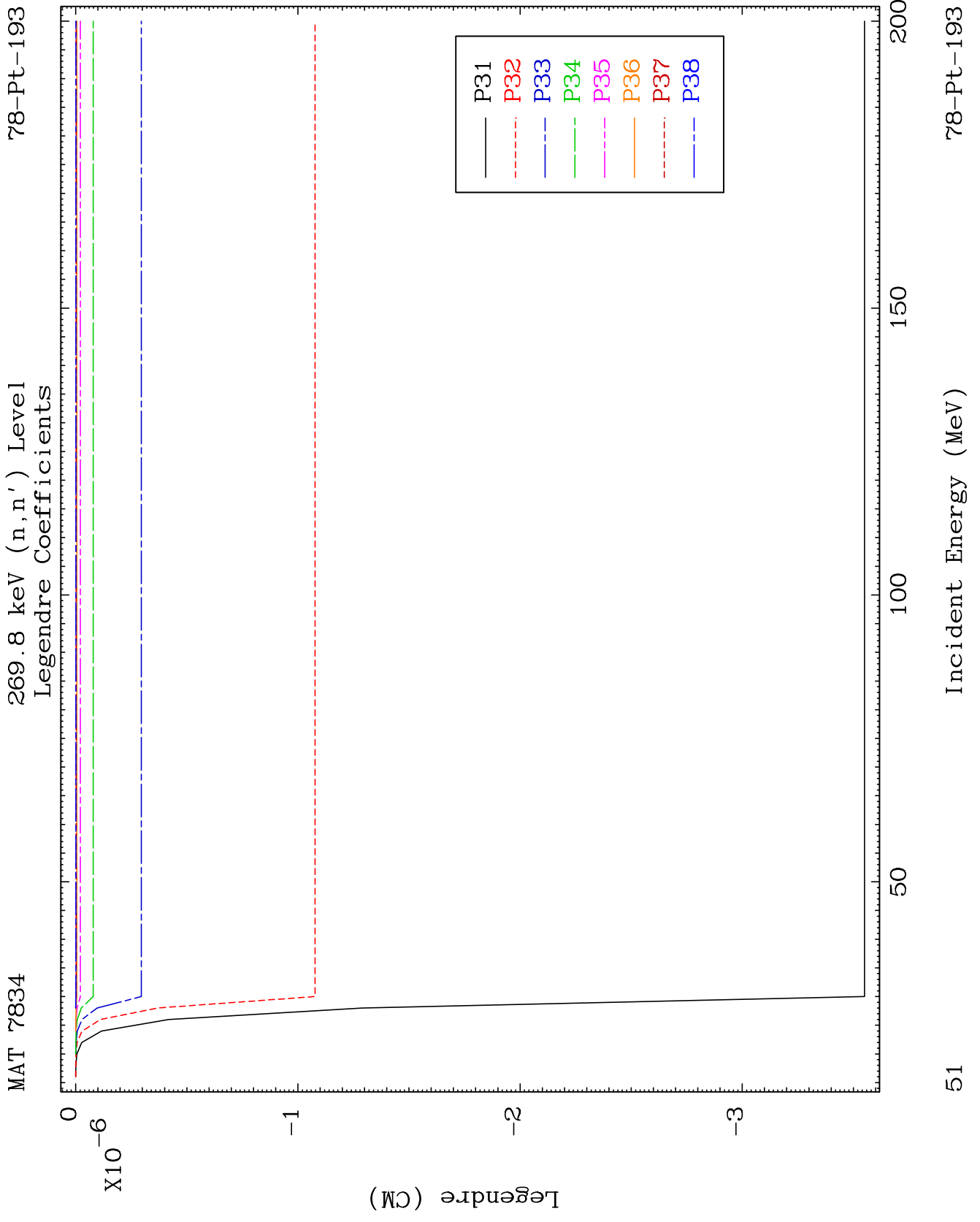
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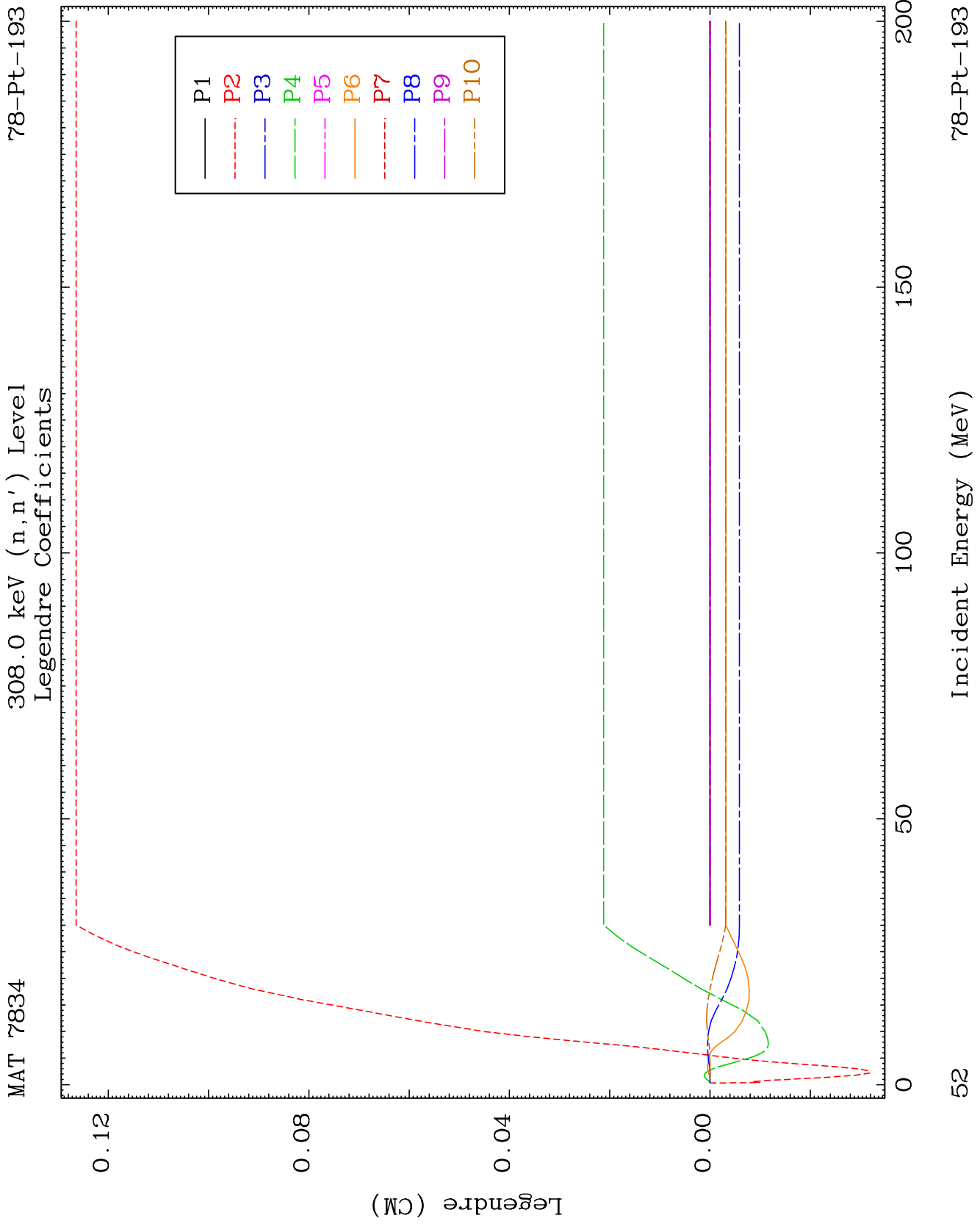


78-Pt-193

Incident Energy (MeV)

50

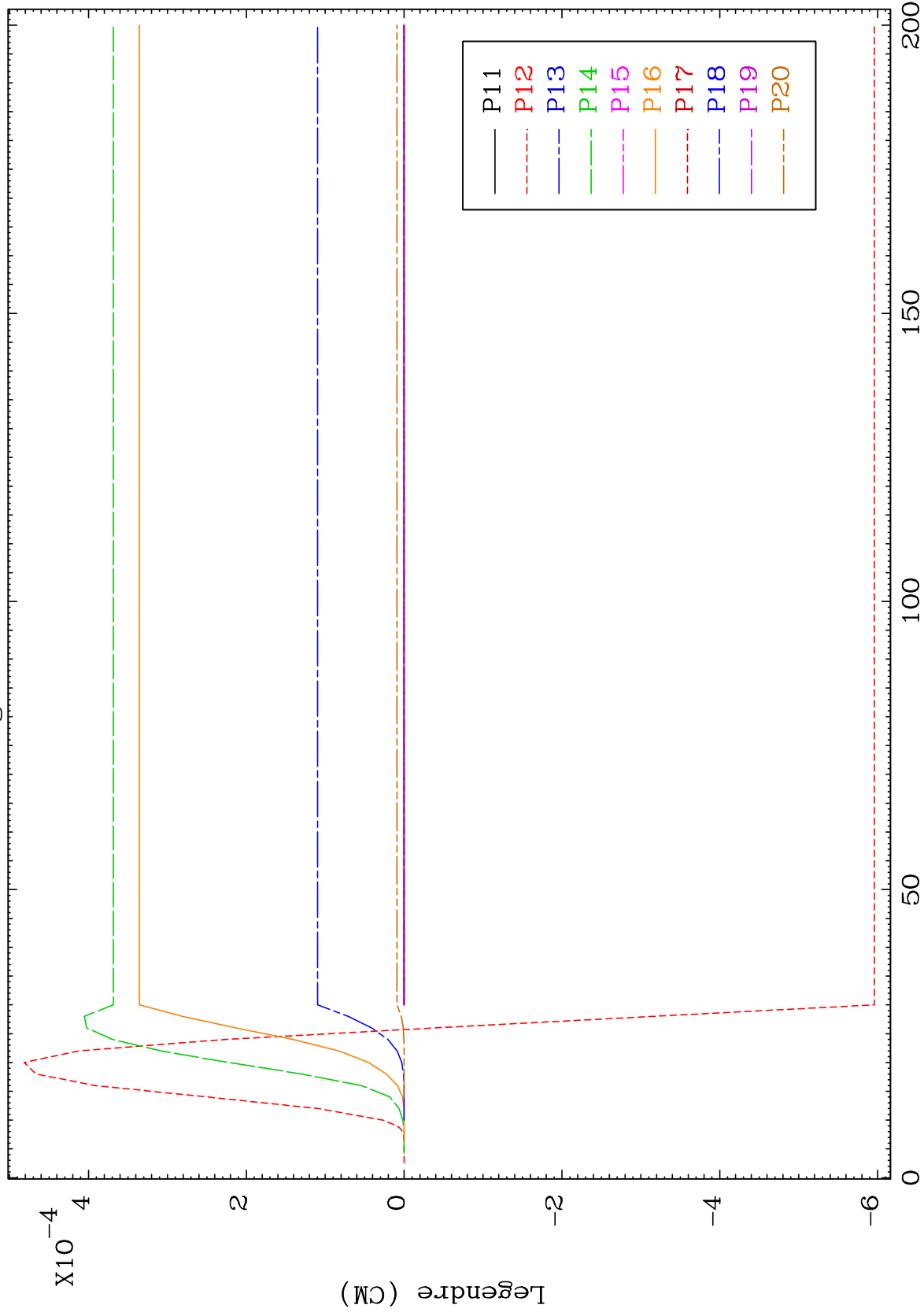




MAT 7834

308.0 keV (n,n') Level
Legendre Coefficients

78-Pt-193



53

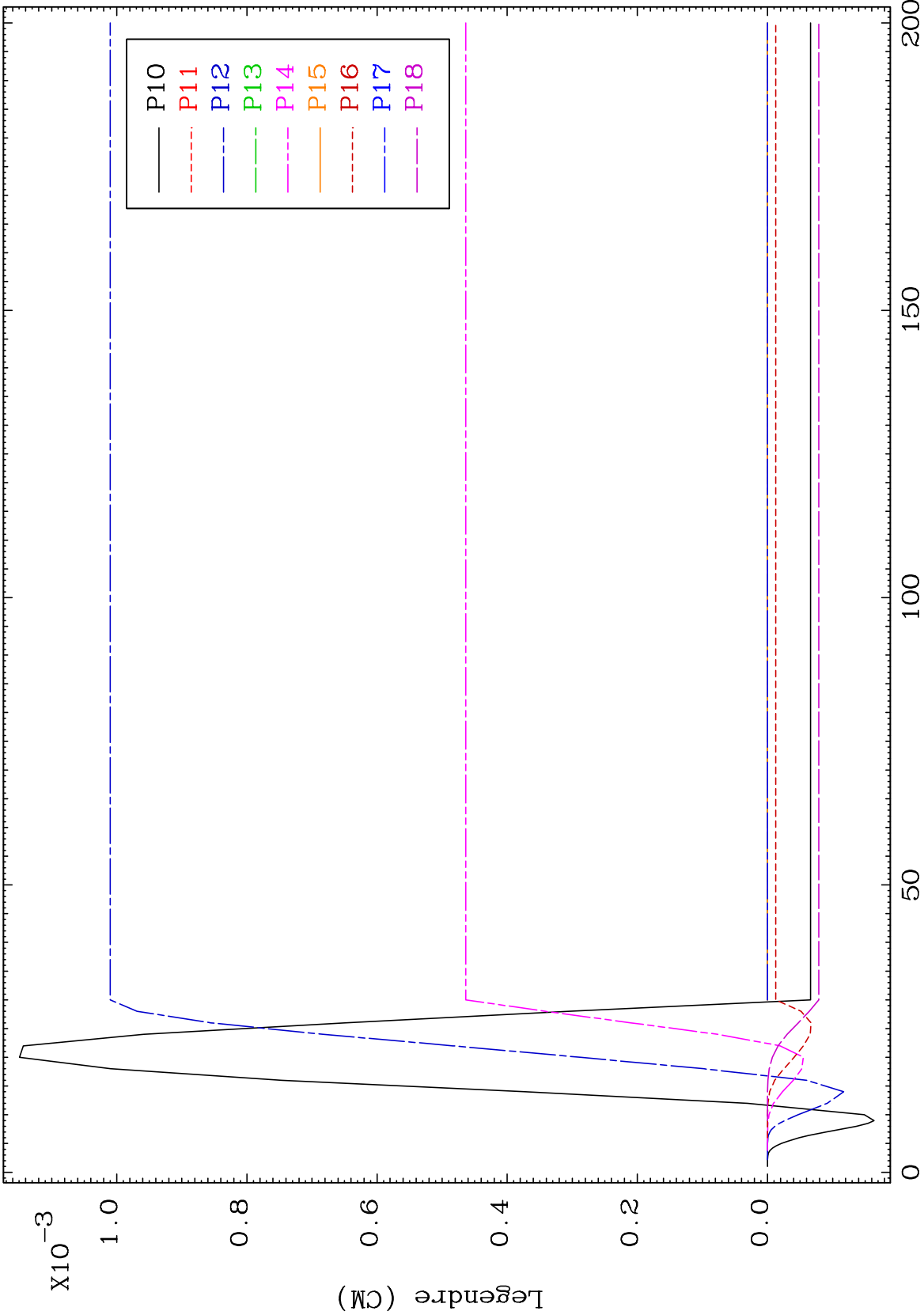
Incident Energy (MeV)

78-Pt-193

MAT 7834

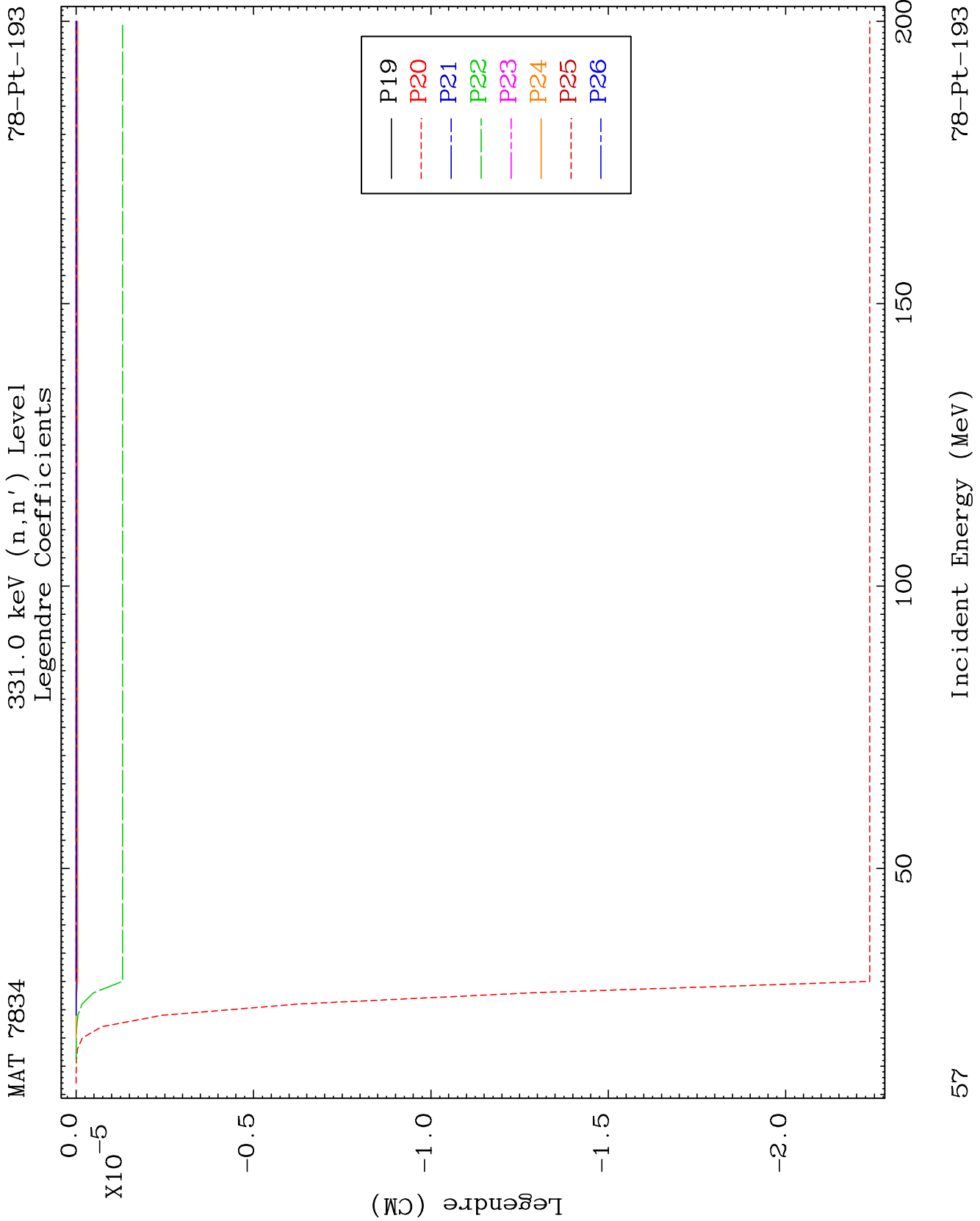
331.0 keV (n,n') Level
Legendre Coefficients

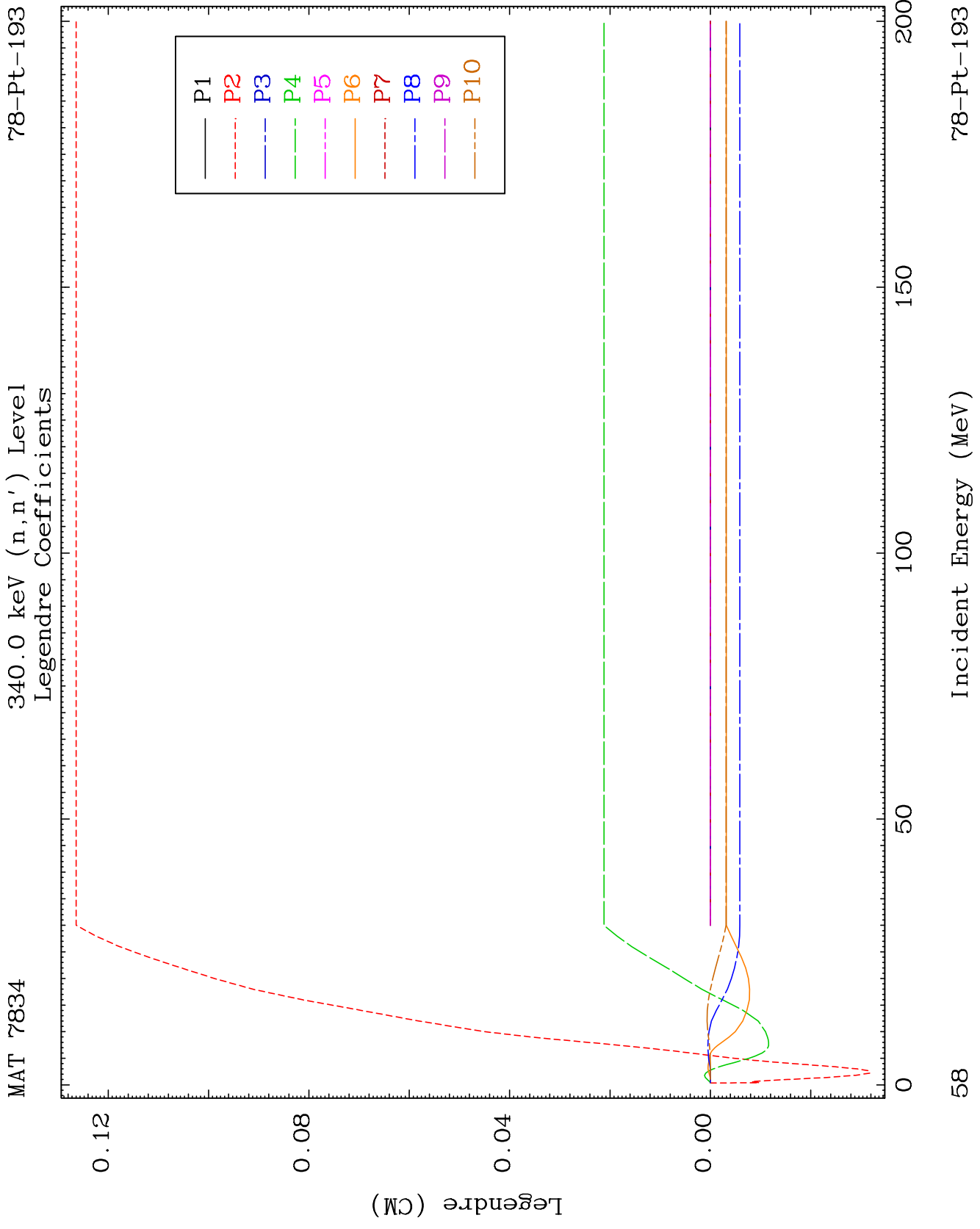
78-Pt-193



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78-Pt-193

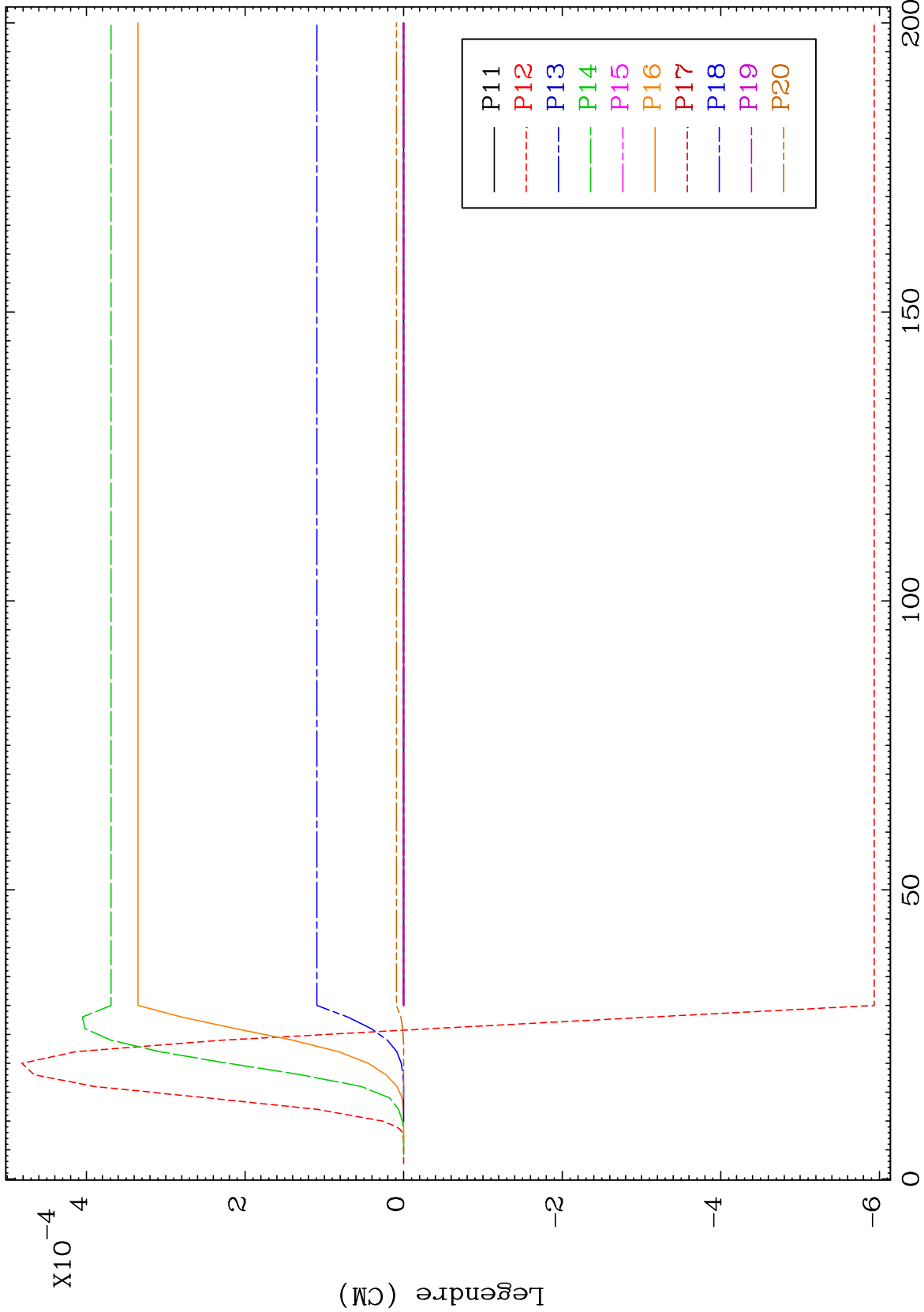




MAT 7834

340.0 keV (n,n') Level
Legendre Coefficients

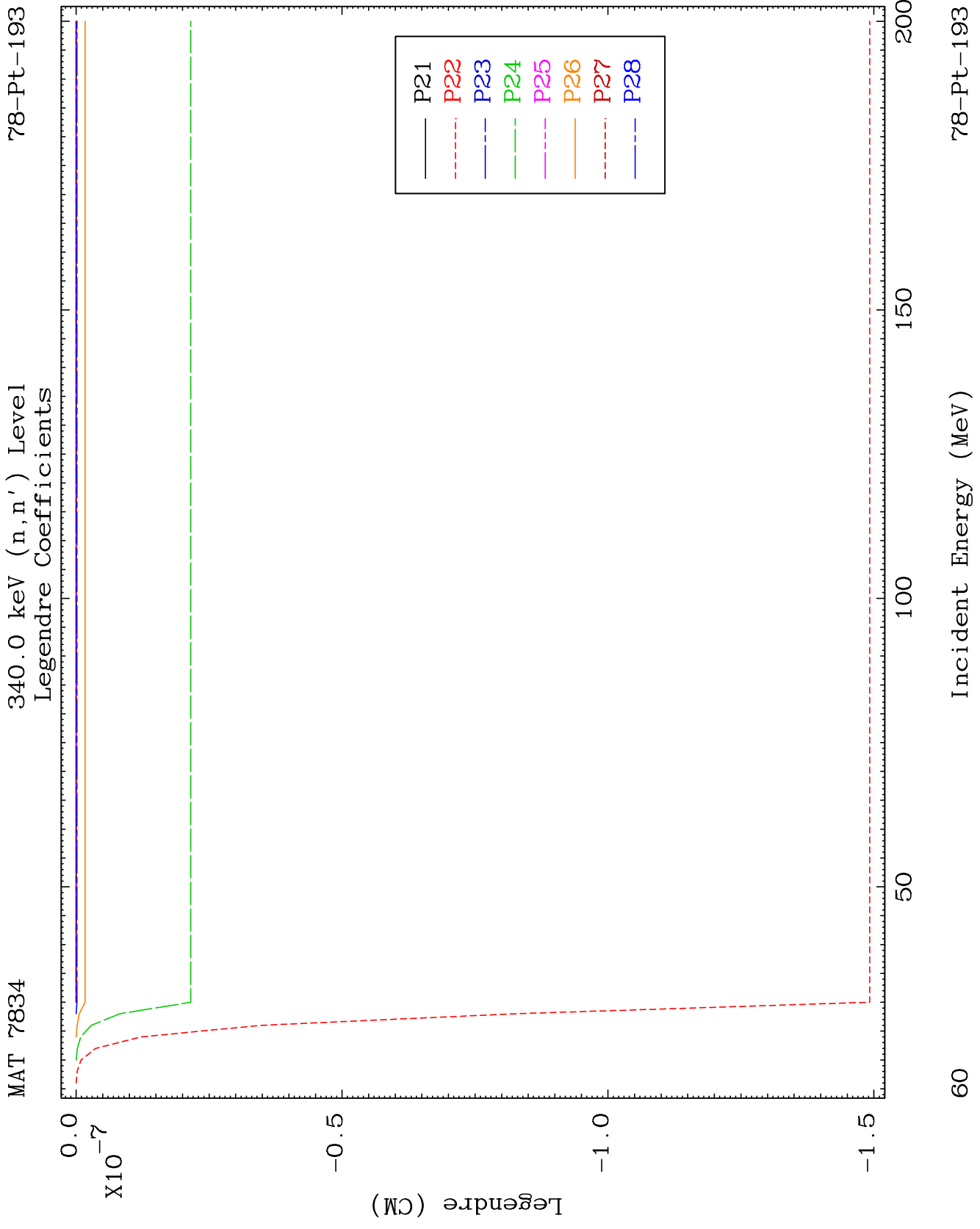
78-Pt-193



59

Incident Energy (MeV)

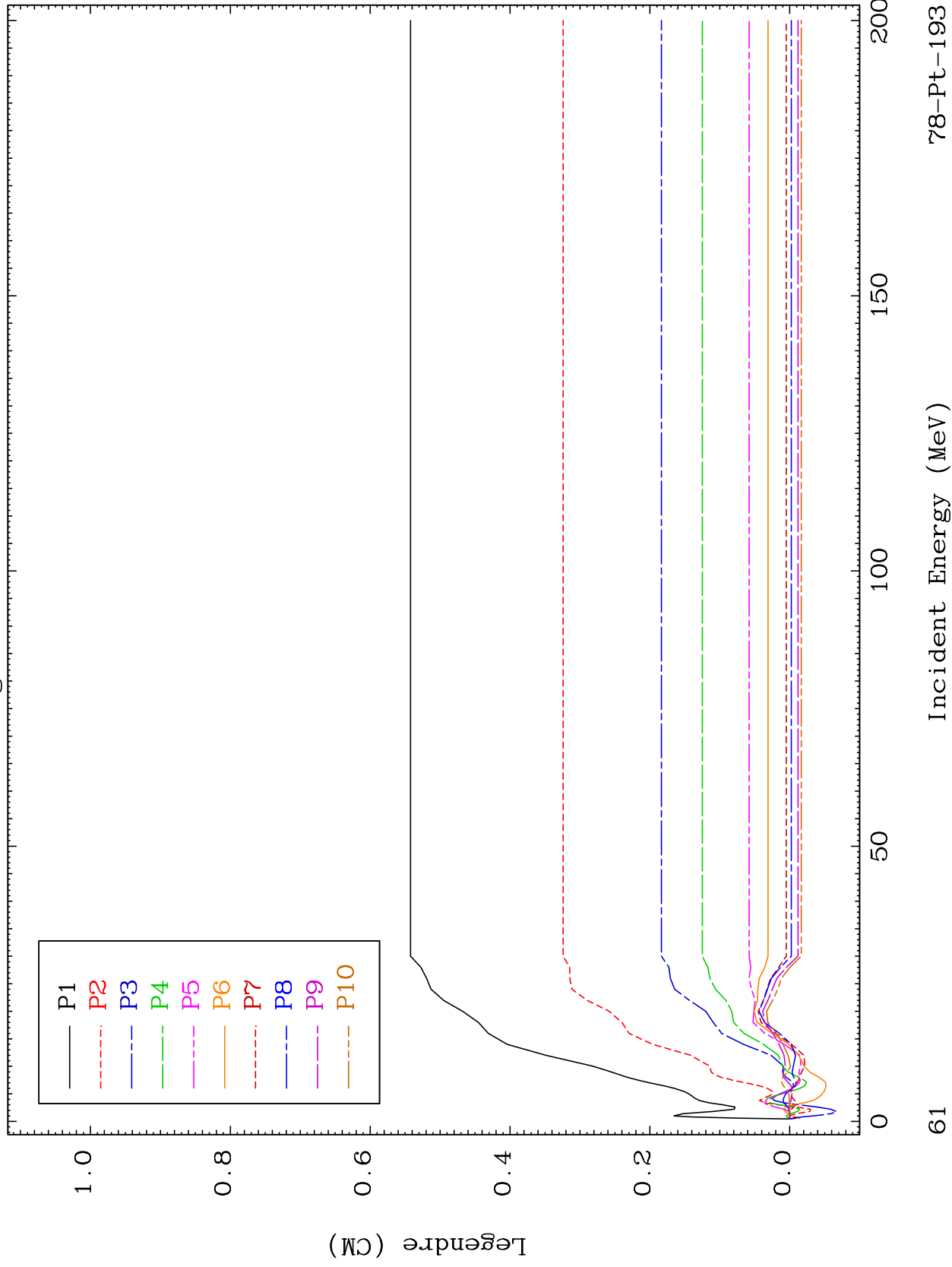
78-Pt-193



MAT 7834

425.0 keV (n,n') Level
Legendre Coefficients

78-Pt-193



61

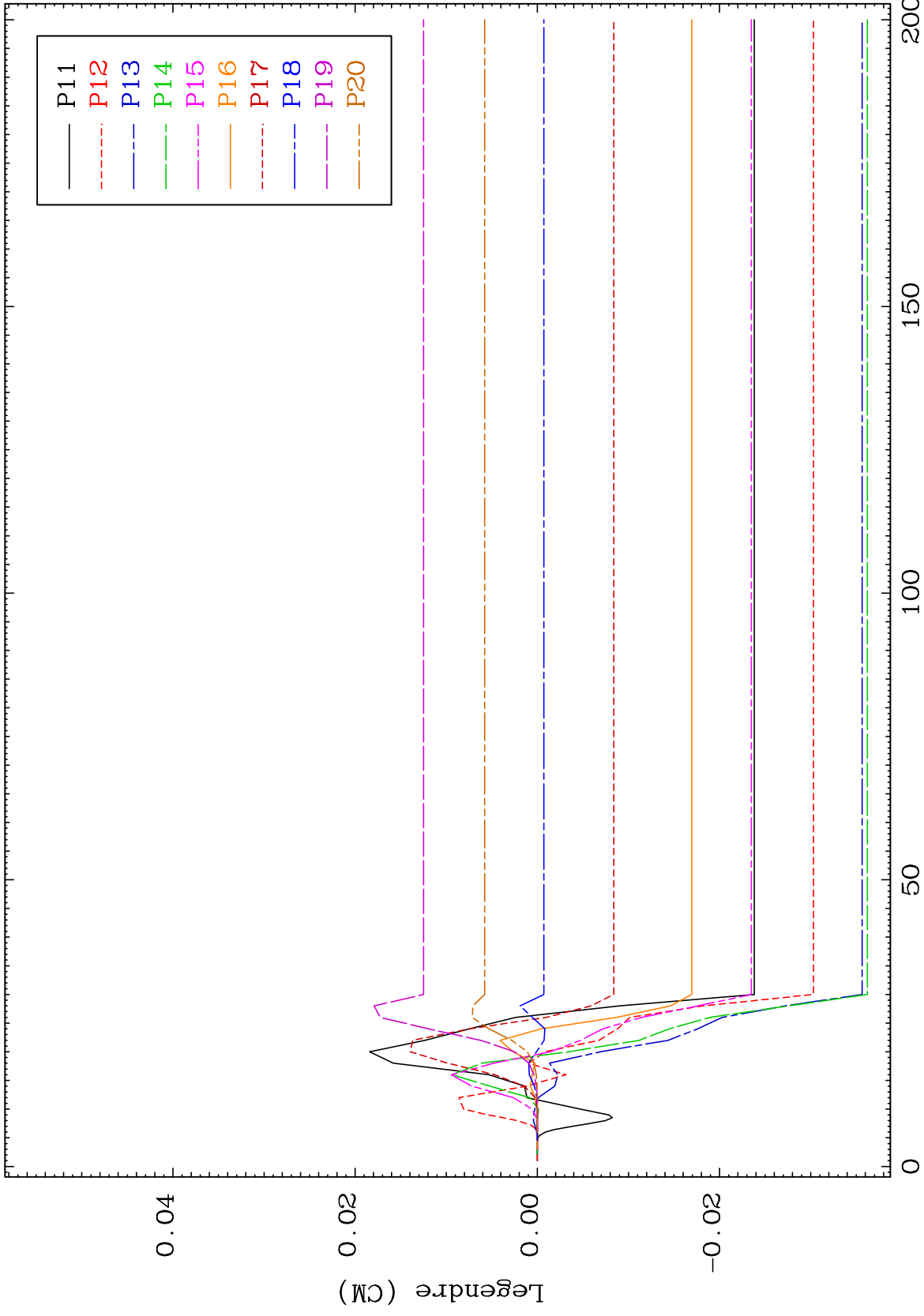
Incident Energy (MeV)

78-Pt-193

MAT 7834

425.0 keV (n,n') Level
Legendre Coefficients

78-Pt-193



62

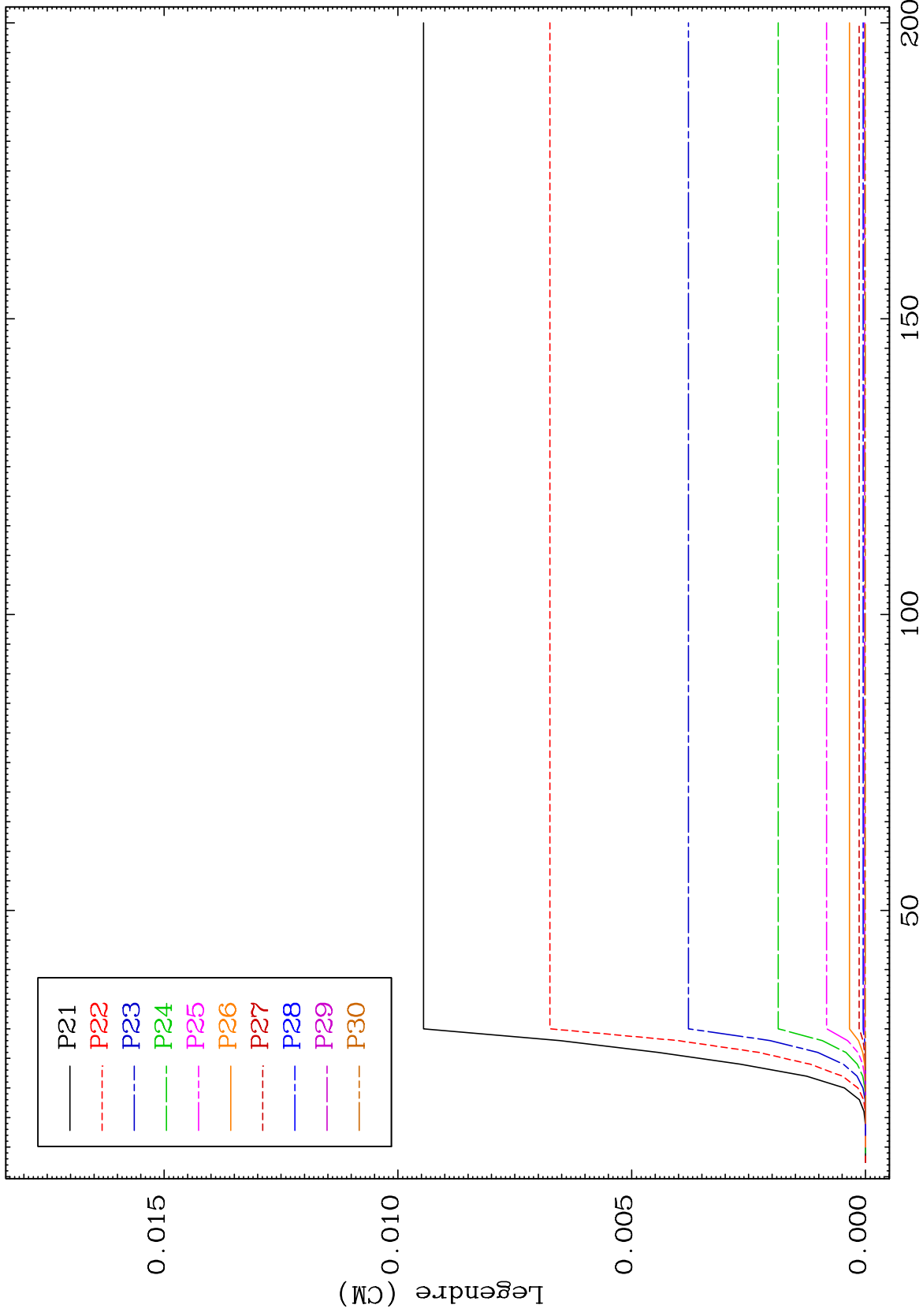
Incident Energy (MeV)

78-Pt-193

MAT 7834

425.0 keV (n,n') Level
Legendre Coefficients

78-Pt-193



63

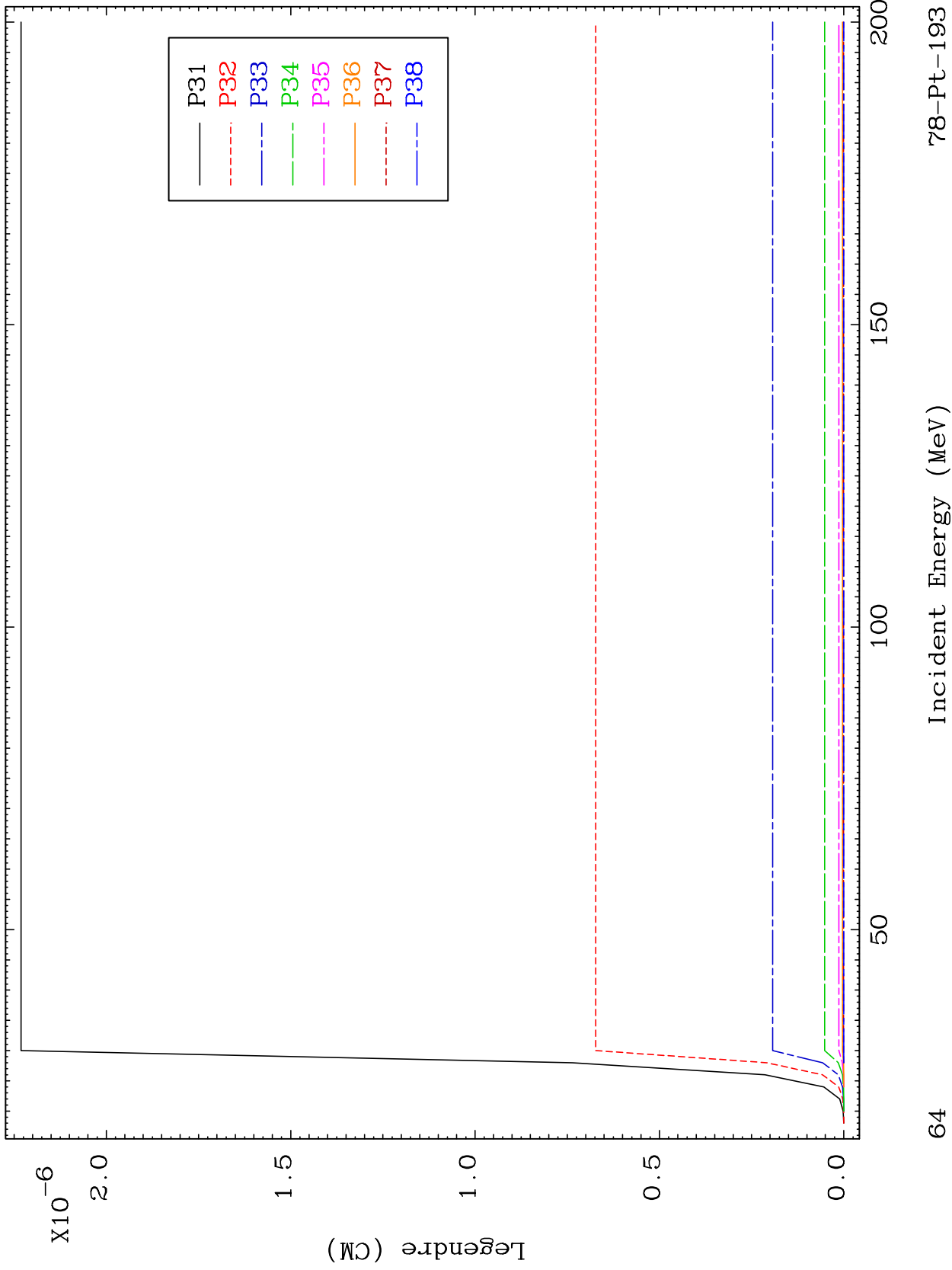
Incident Energy (MeV)

78-Pt-193

MAT 7834

425.0 keV (n,n') Level
Legendre Coefficients

78-Pt-193

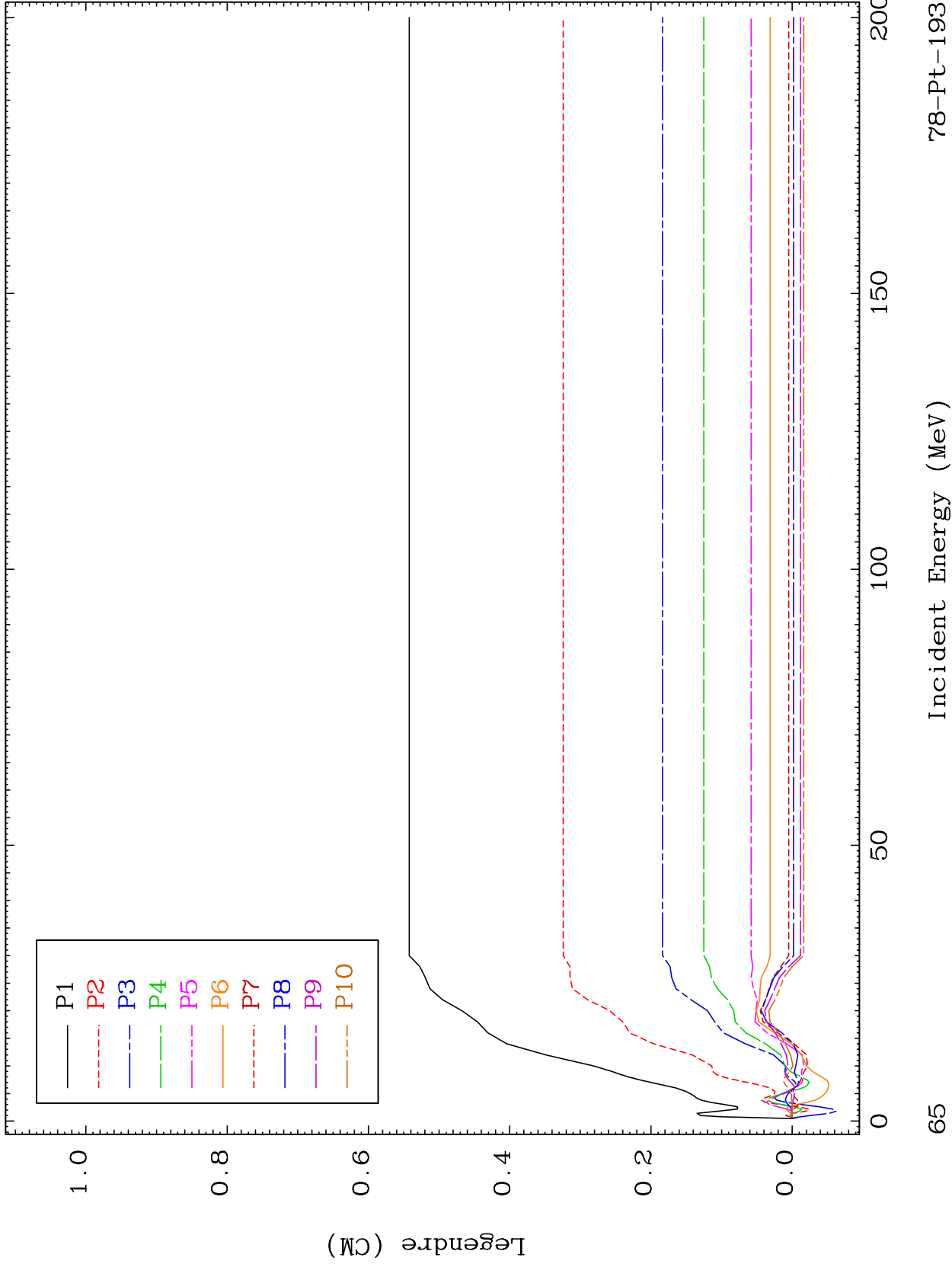


64

MAT 7834

439.0 keV (n,n') Level
Legendre Coefficients

78-Pt-193



78-Pt-193

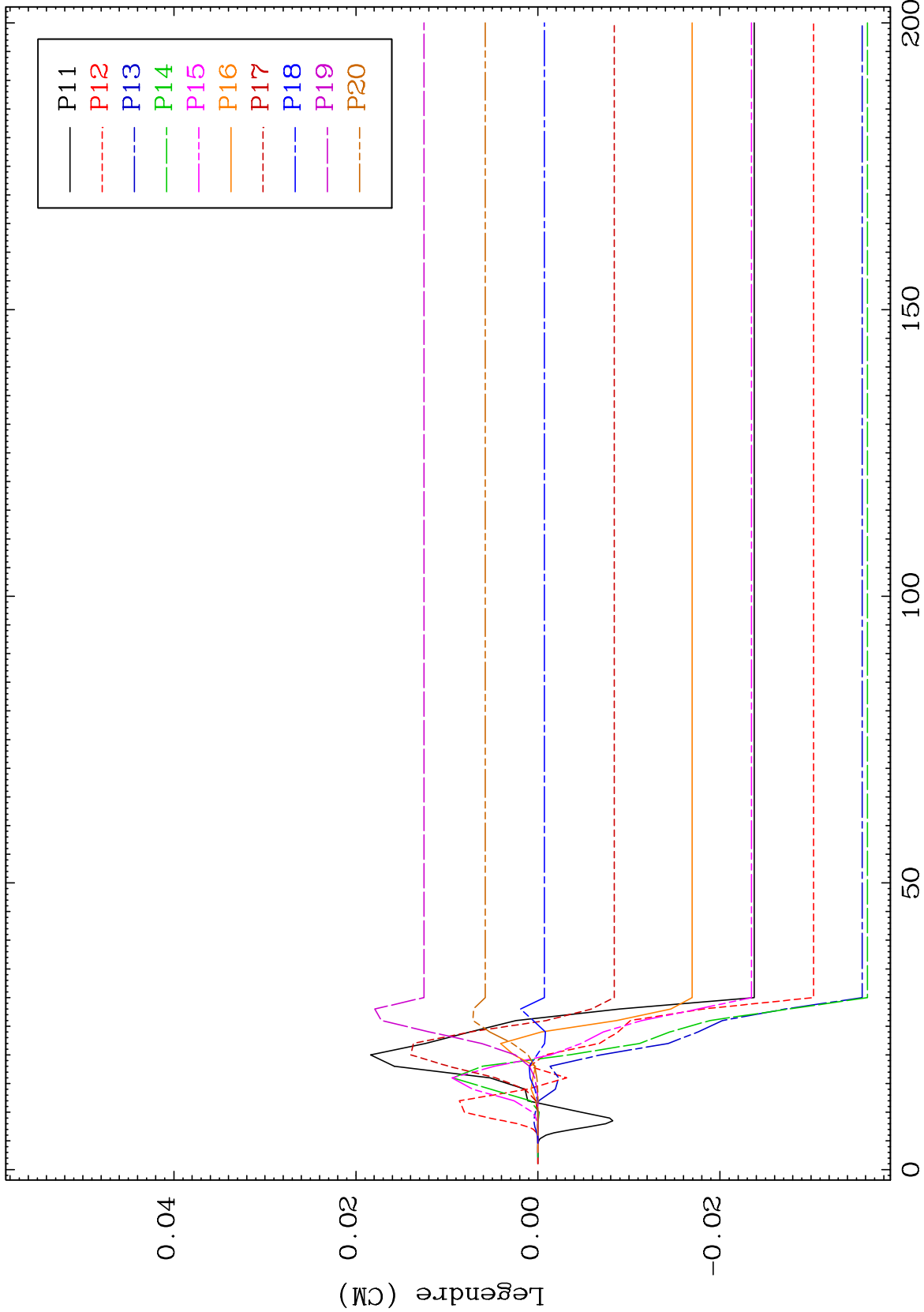
Incident Energy (MeV)

65

MAT 7834

439.0 keV (n,n') Level
Legendre Coefficients

78-Pt-193



66

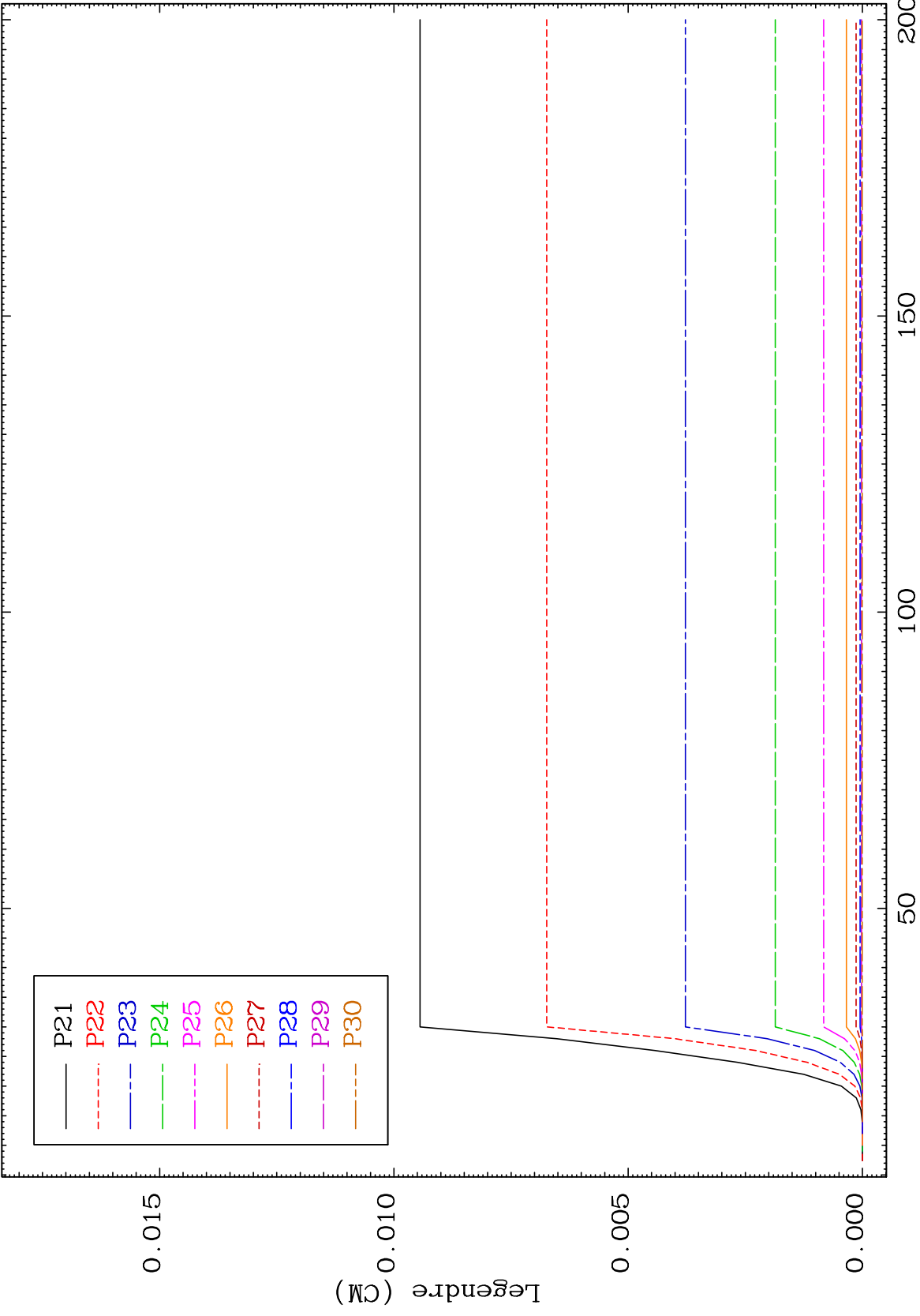
Incident Energy (MeV)

78-Pt-193

MAT 7834

439.0 keV (n,n') Level
Legendre Coefficients

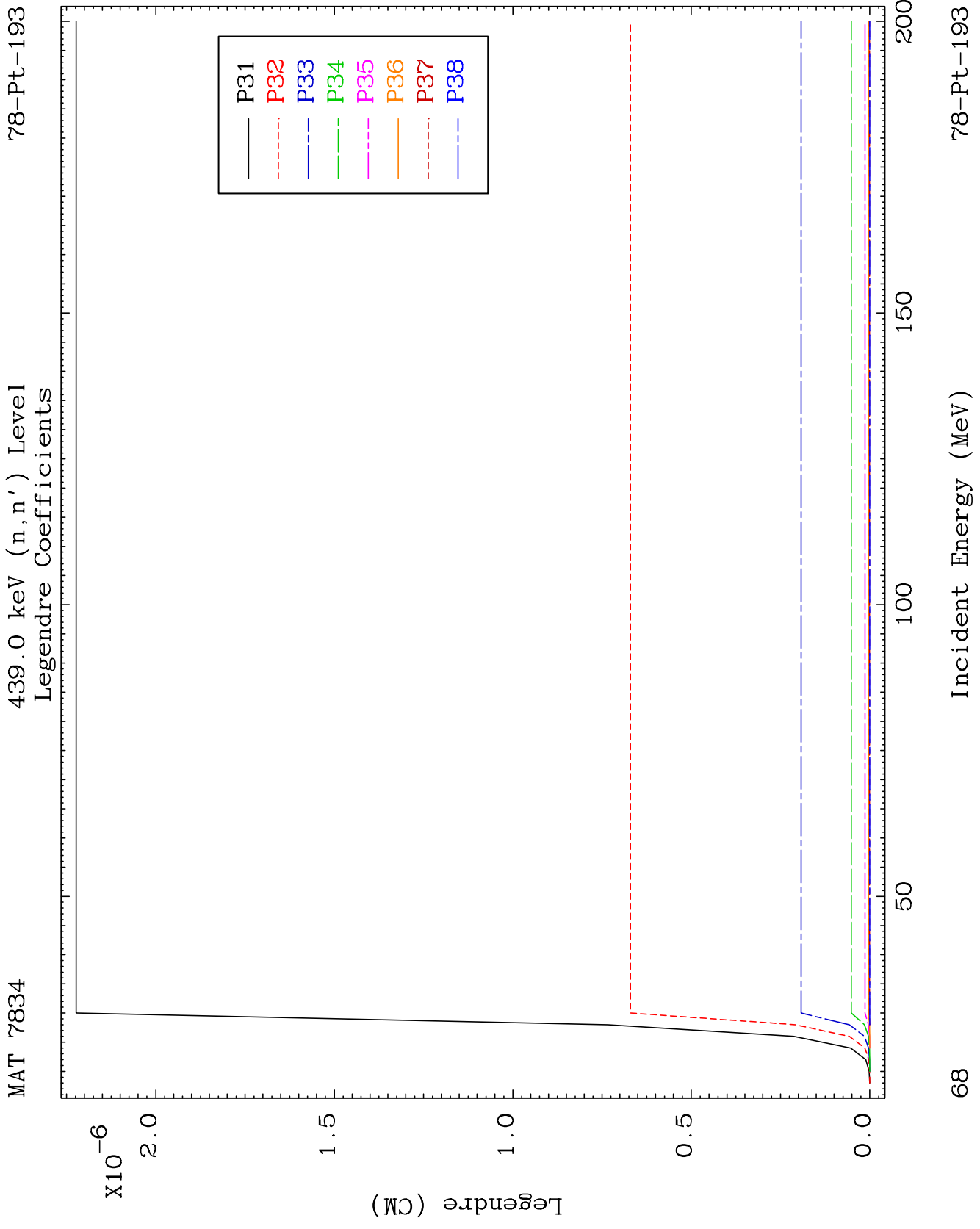
78-Pt-193

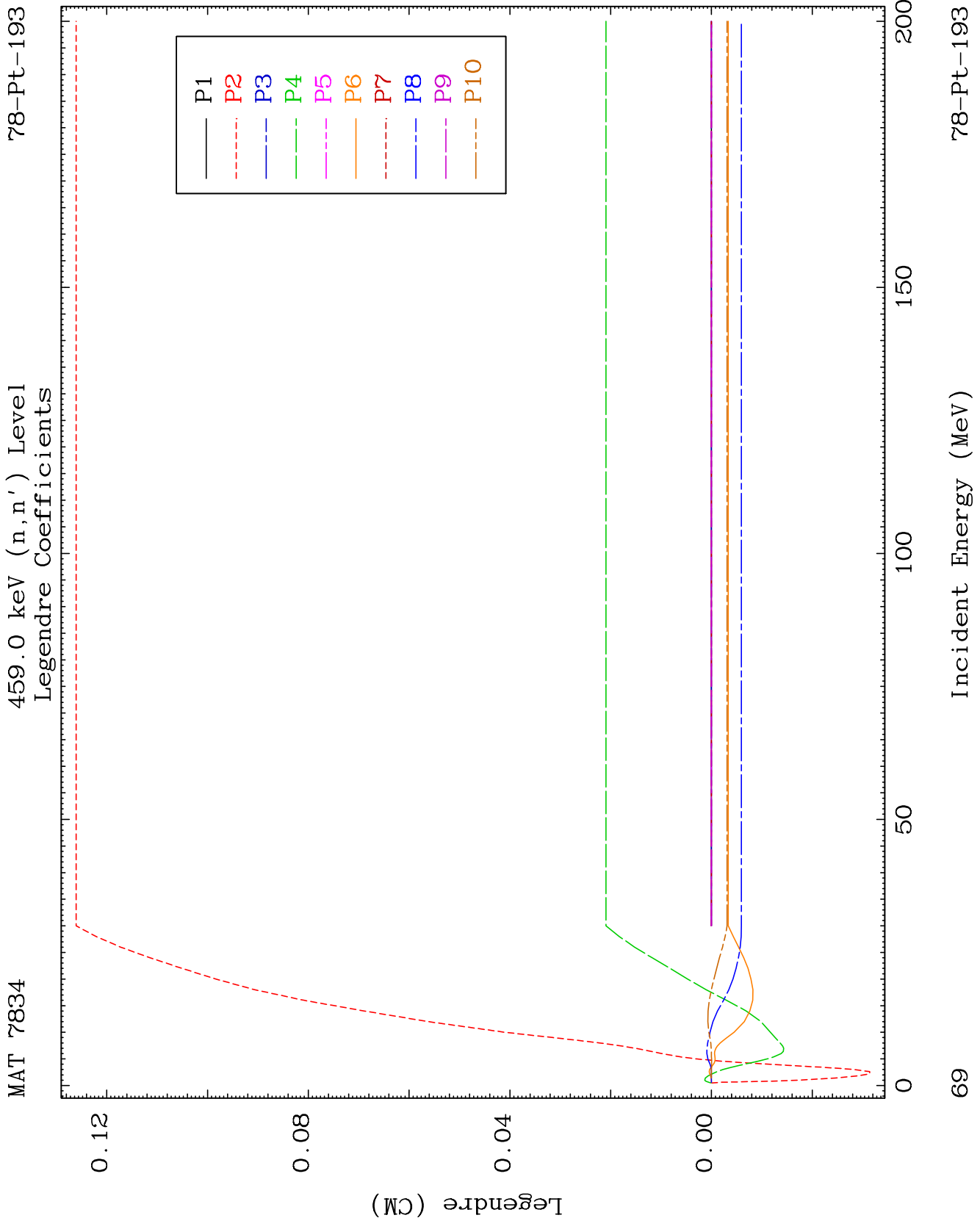


67

Incident Energy (MeV)

78-Pt-193

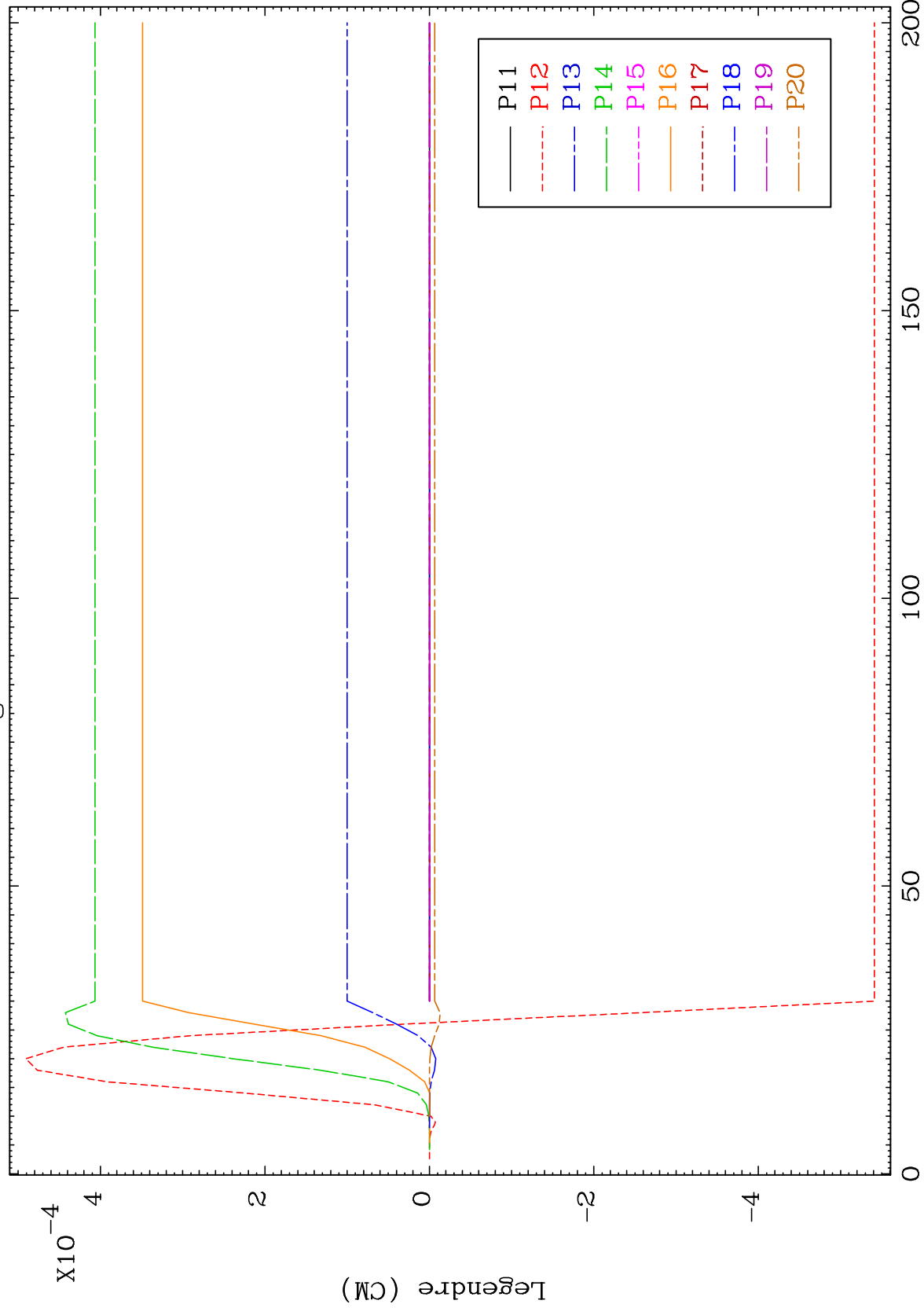




MAT 7834

459.0 keV (n,n') Level
Legendre Coefficients

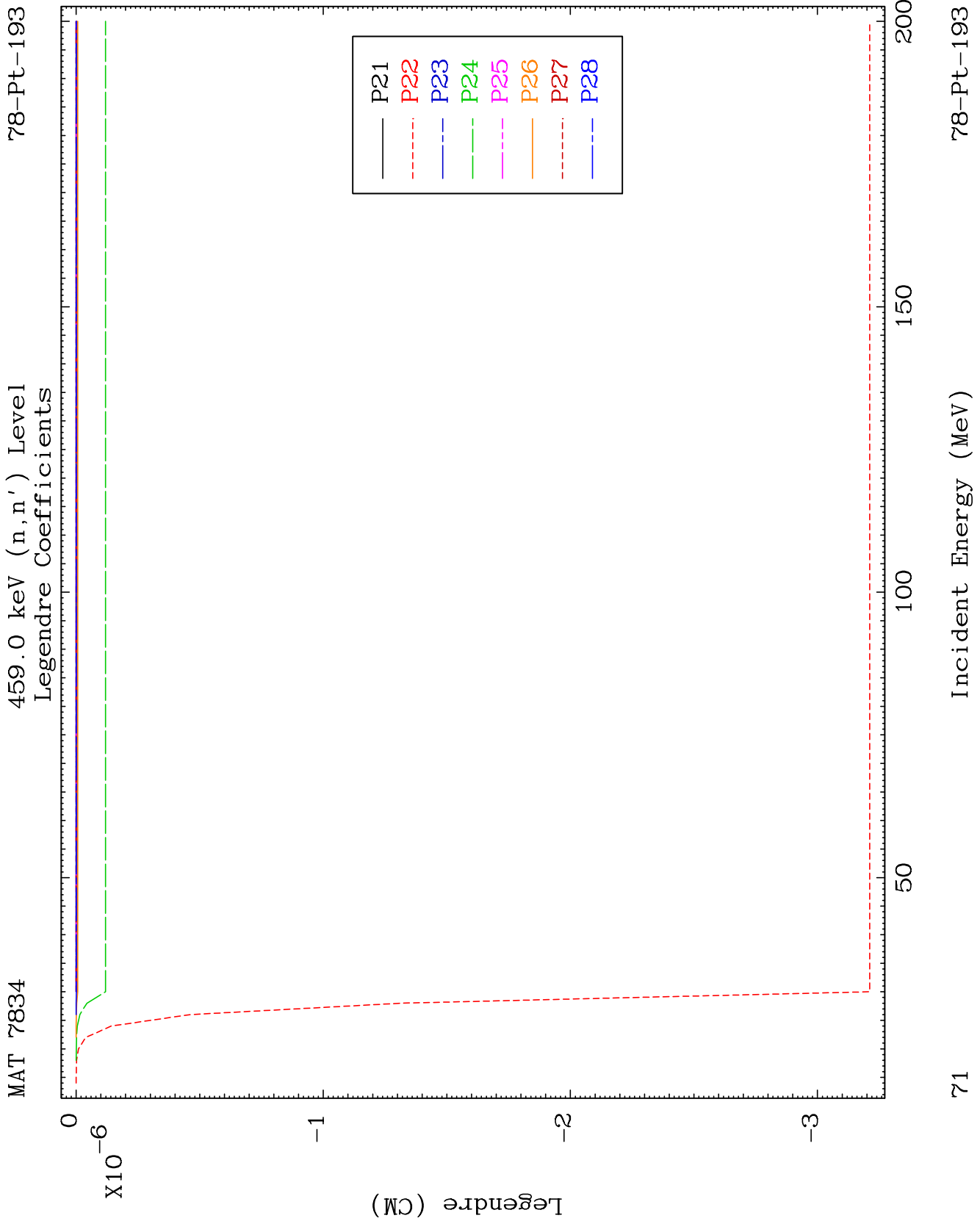
78-Pt-193



70

Incident Energy (MeV)

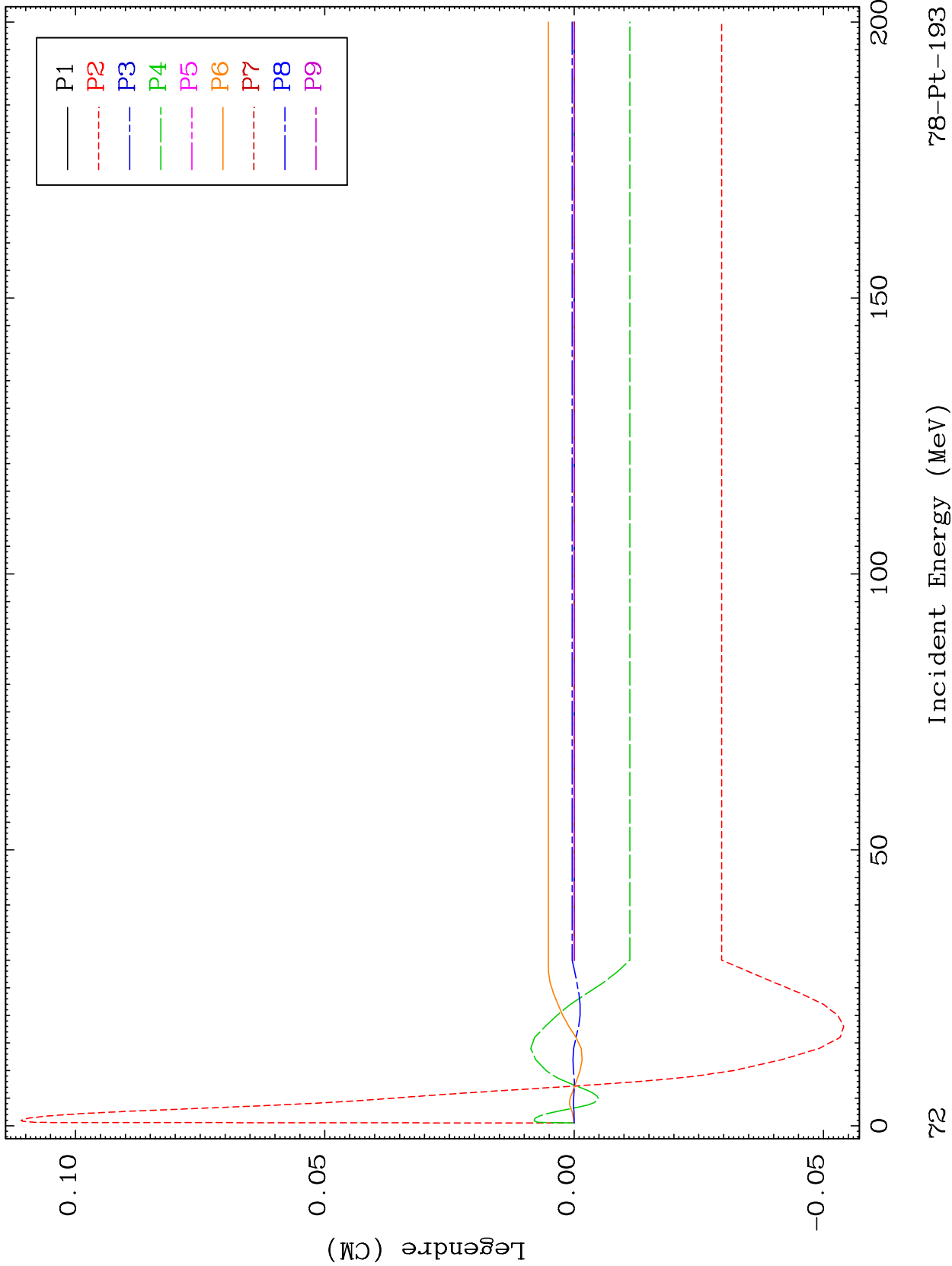
78-Pt-193



MAT 7834

491.0 keV (n,n') Level
Legendre Coefficients

78-Pt-193



78-Pt-193

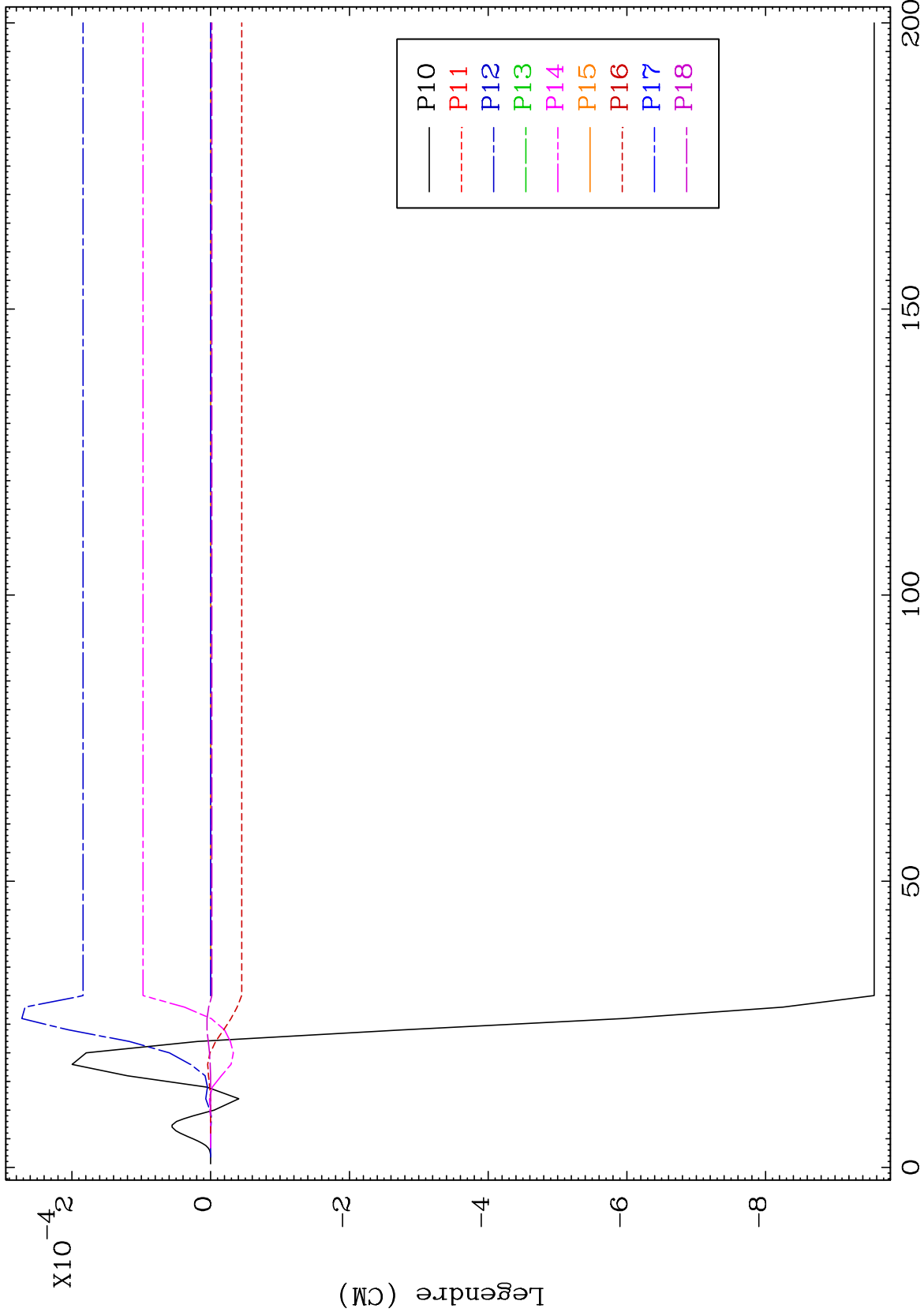
Incident Energy (MeV)

72

MAT 7834

491.0 keV (n,n') Level
Legendre Coefficients

78-Pt-193



73

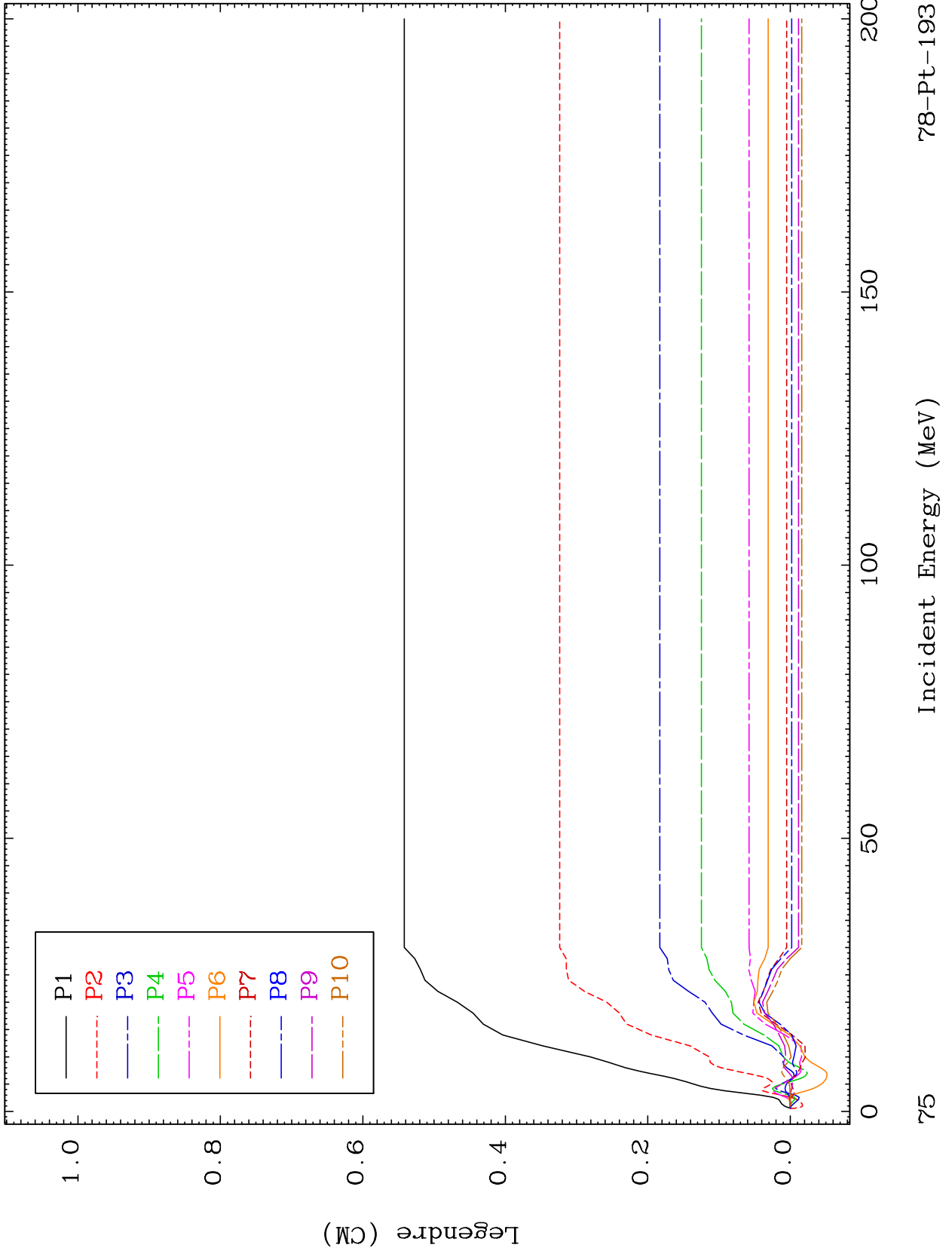
Incident Energy (MeV)

78-Pt-193

MAT 7834

505.4 keV (n,n') Level
Legendre Coefficients

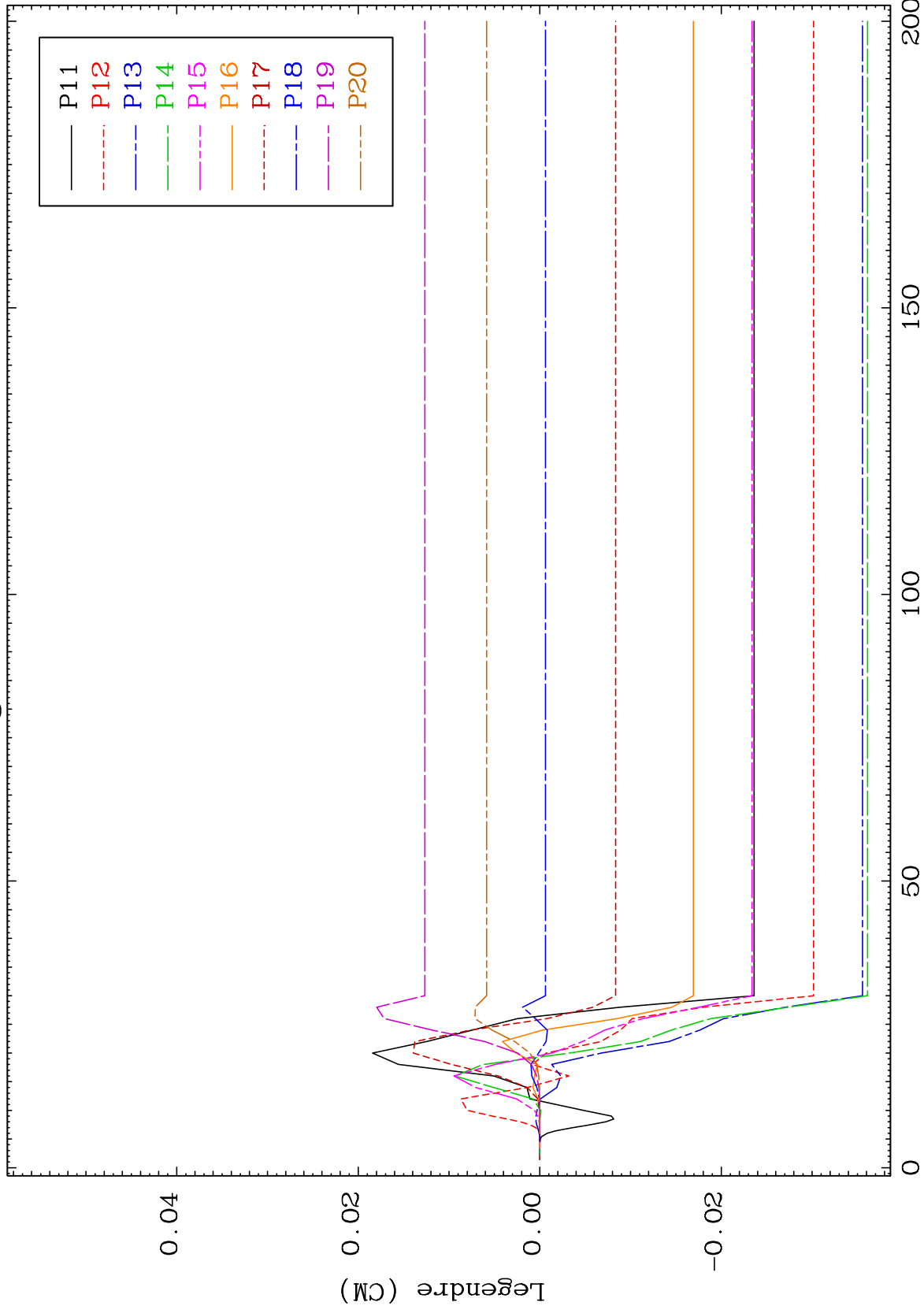
78-Pt-193



MAT 7834

505.4 keV (n,n') Level
Legendre Coefficients

78-Pt-193



76

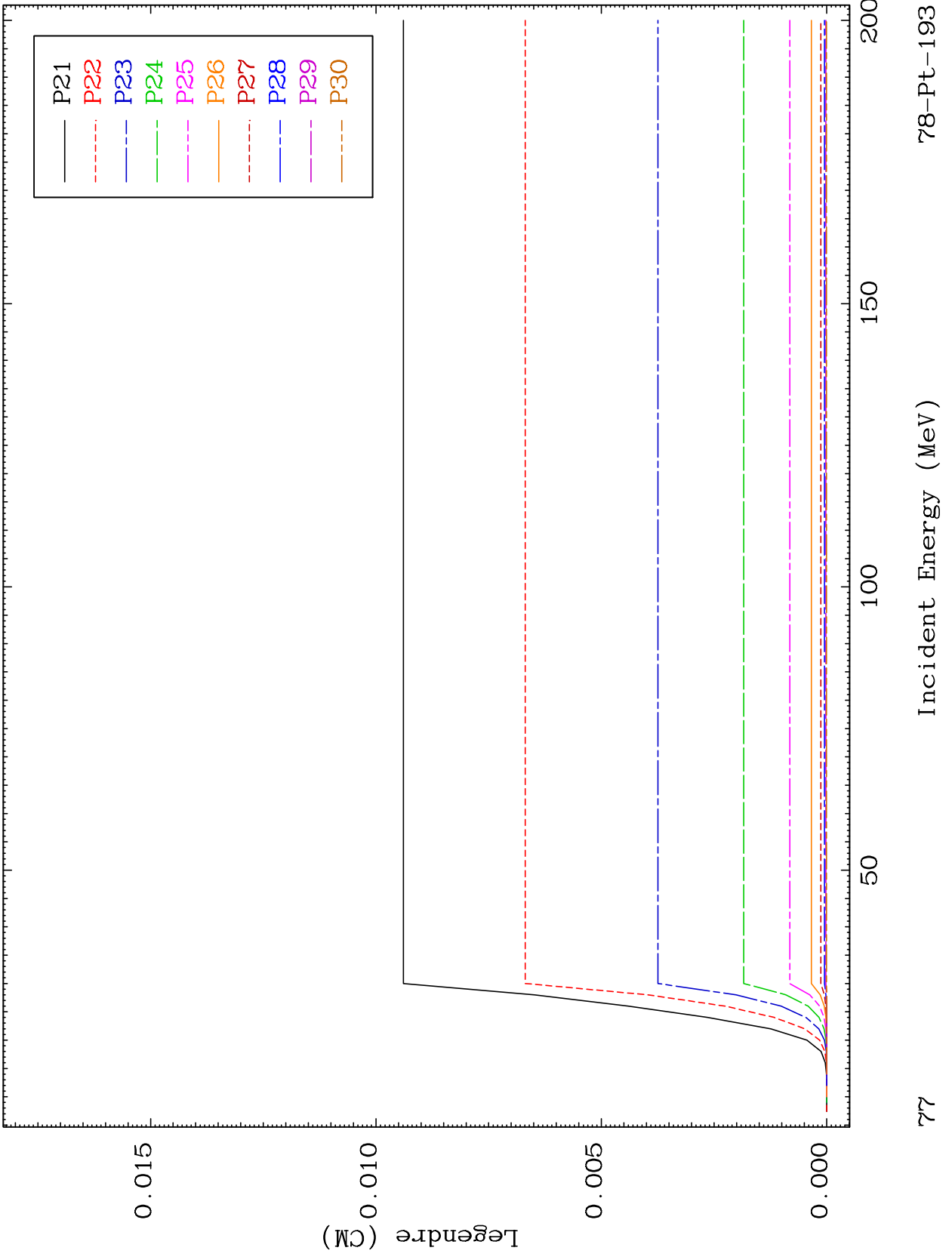
Incident Energy (MeV)

78-Pt-193

MAT 7834

505.4 keV (n,n') Level
Legendre Coefficients

78-Pt-193



77

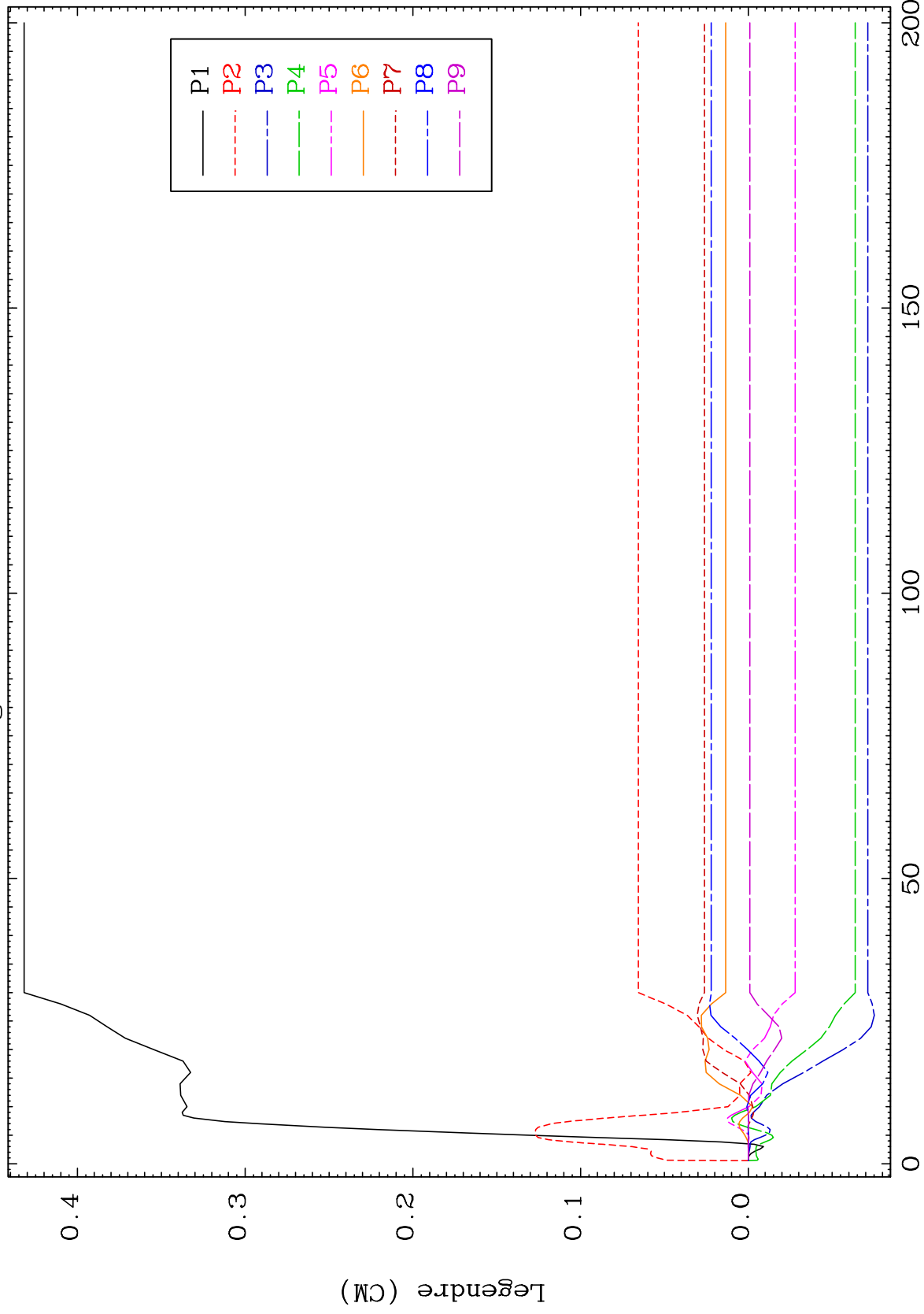
Incident Energy (MeV)

78-Pt-193

MAT 7834

519.6 keV (n,n') Level
Legendre Coefficients

78-Pt-193



79

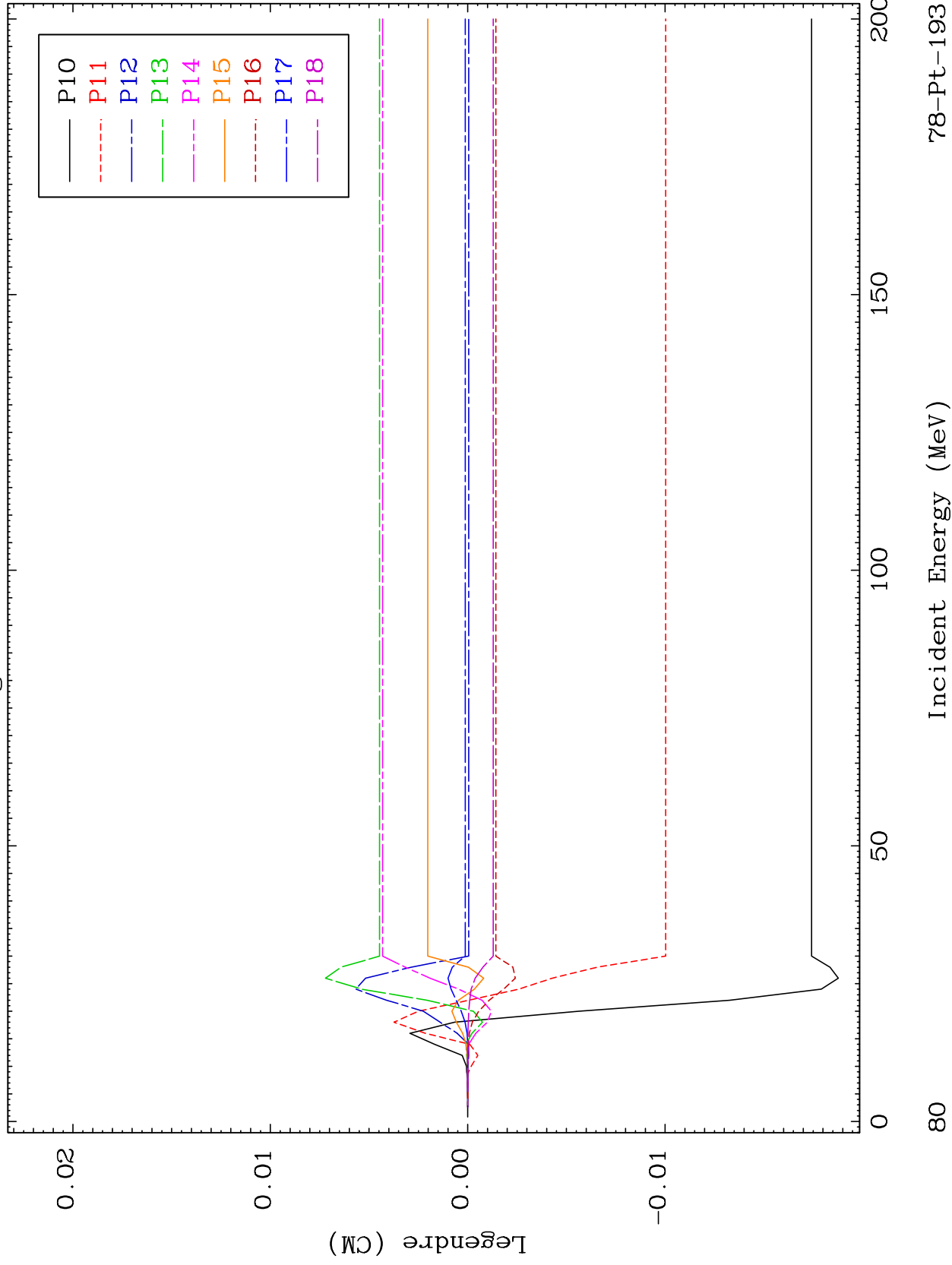
Incident Energy (MeV)

78-Pt-193

MAT 7834

519.6 keV (n,n') Level
Legendre Coefficients

78-Pt-193



78-Pt-193

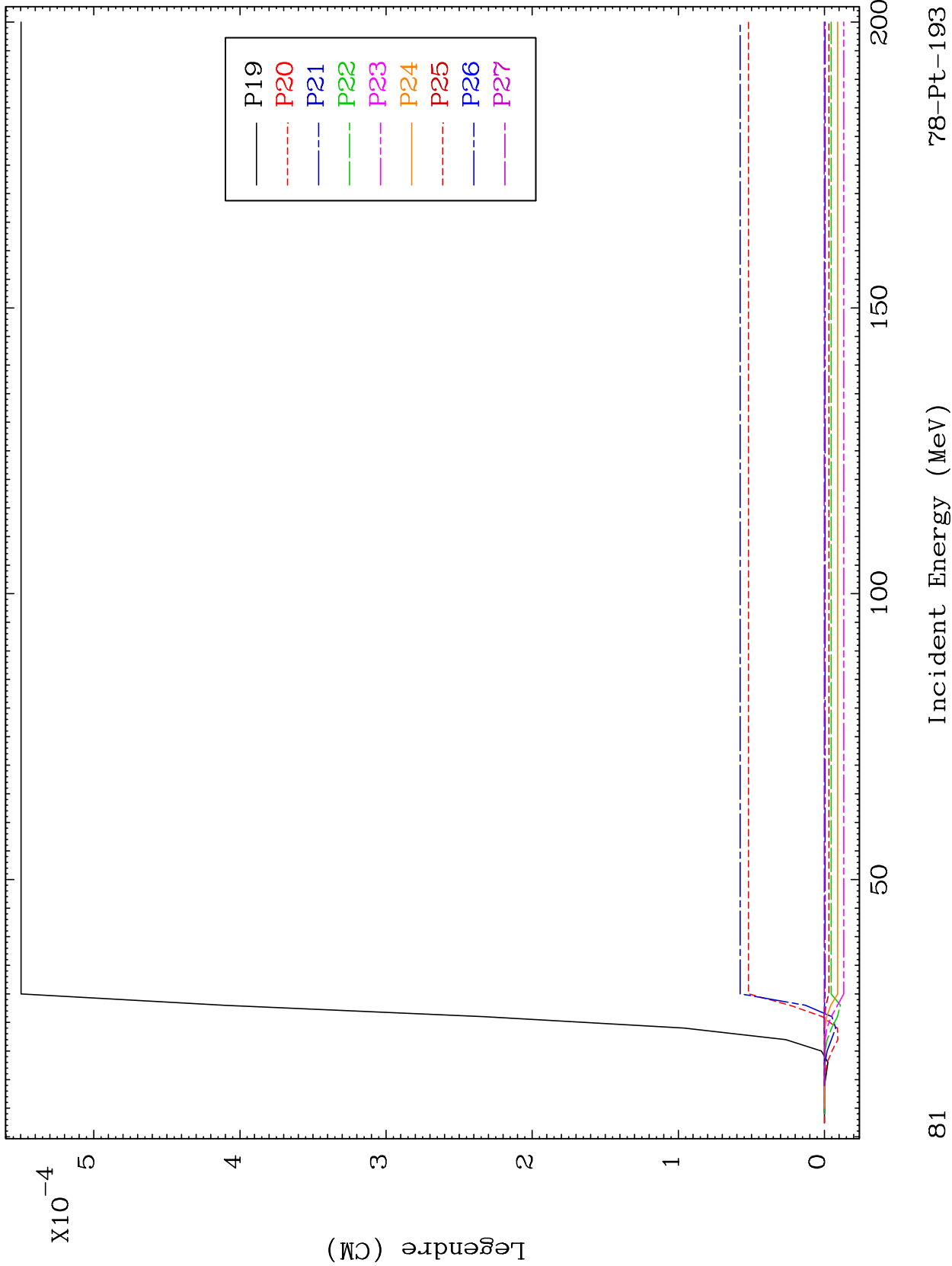
Incident Energy (MeV)

80

MAT 7834

519.6 keV (n,n') Level
Legendre Coefficients

78-Pt-193



81

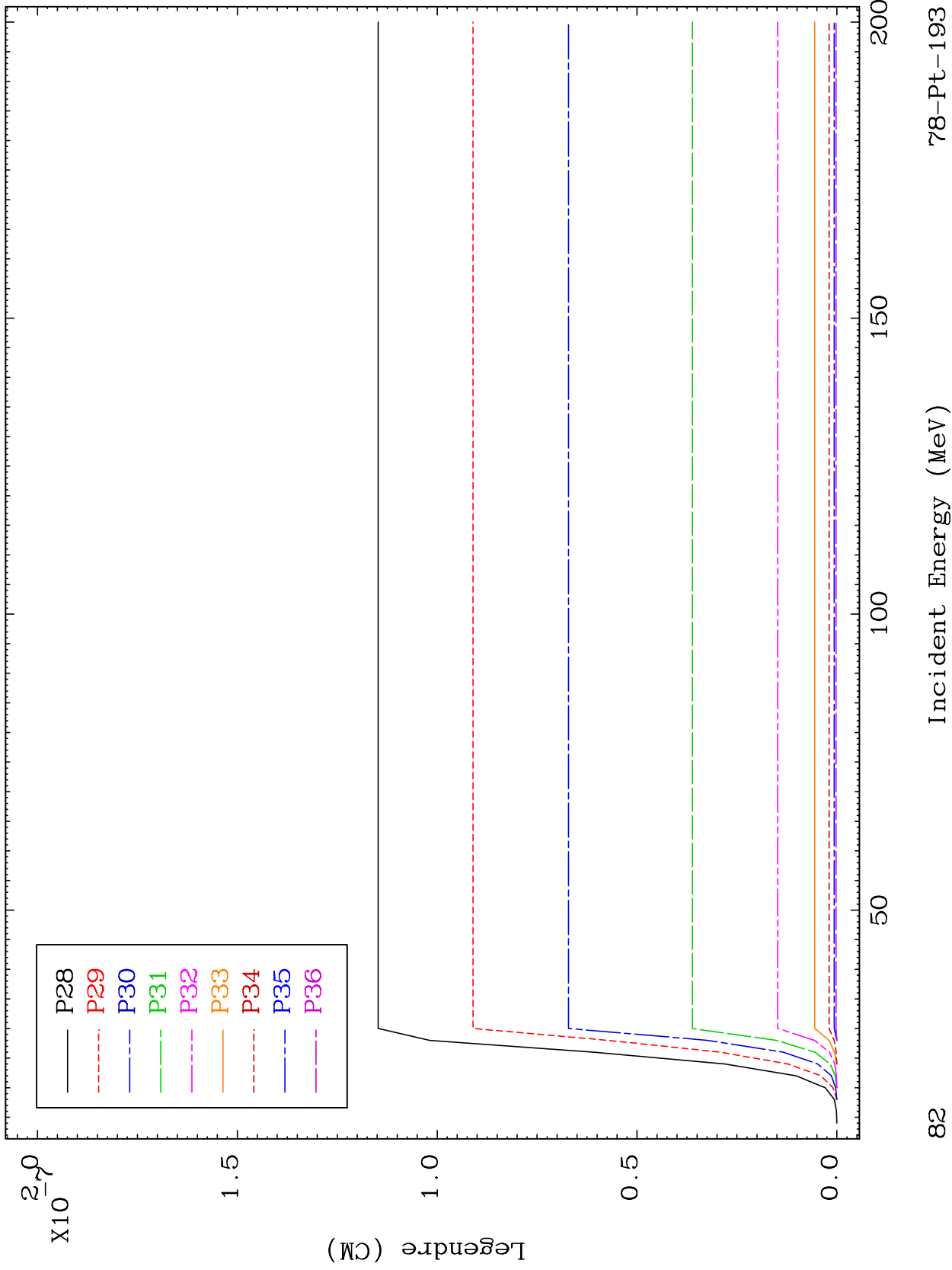
Incident Energy (MeV)

78-Pt-193

MAT 7834

519.6 keV (n,n') Level
Legendre Coefficients

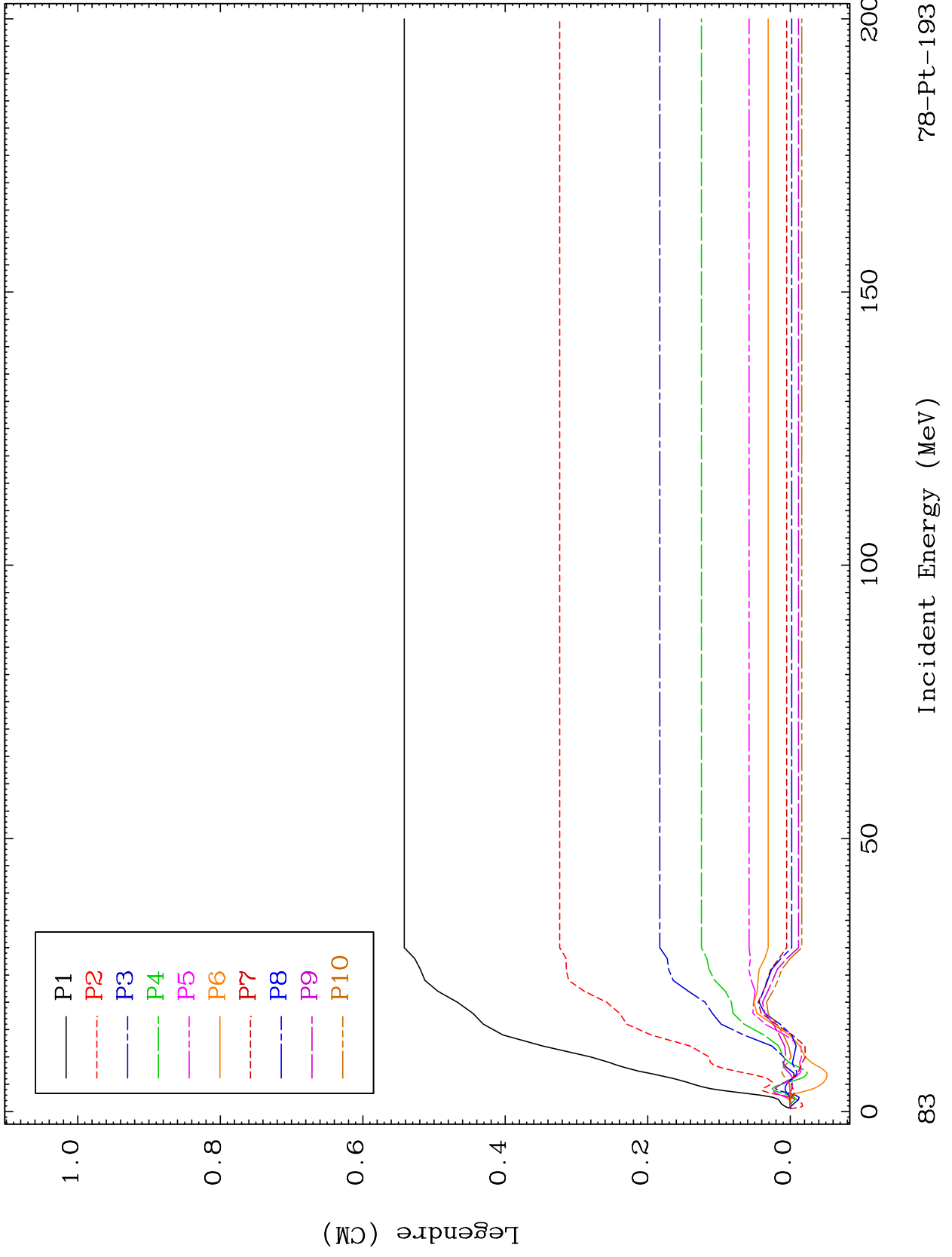
78-Pt-193



MAT 7834

522.5 keV (n,n') Level
Legendre Coefficients

78-Pt-193

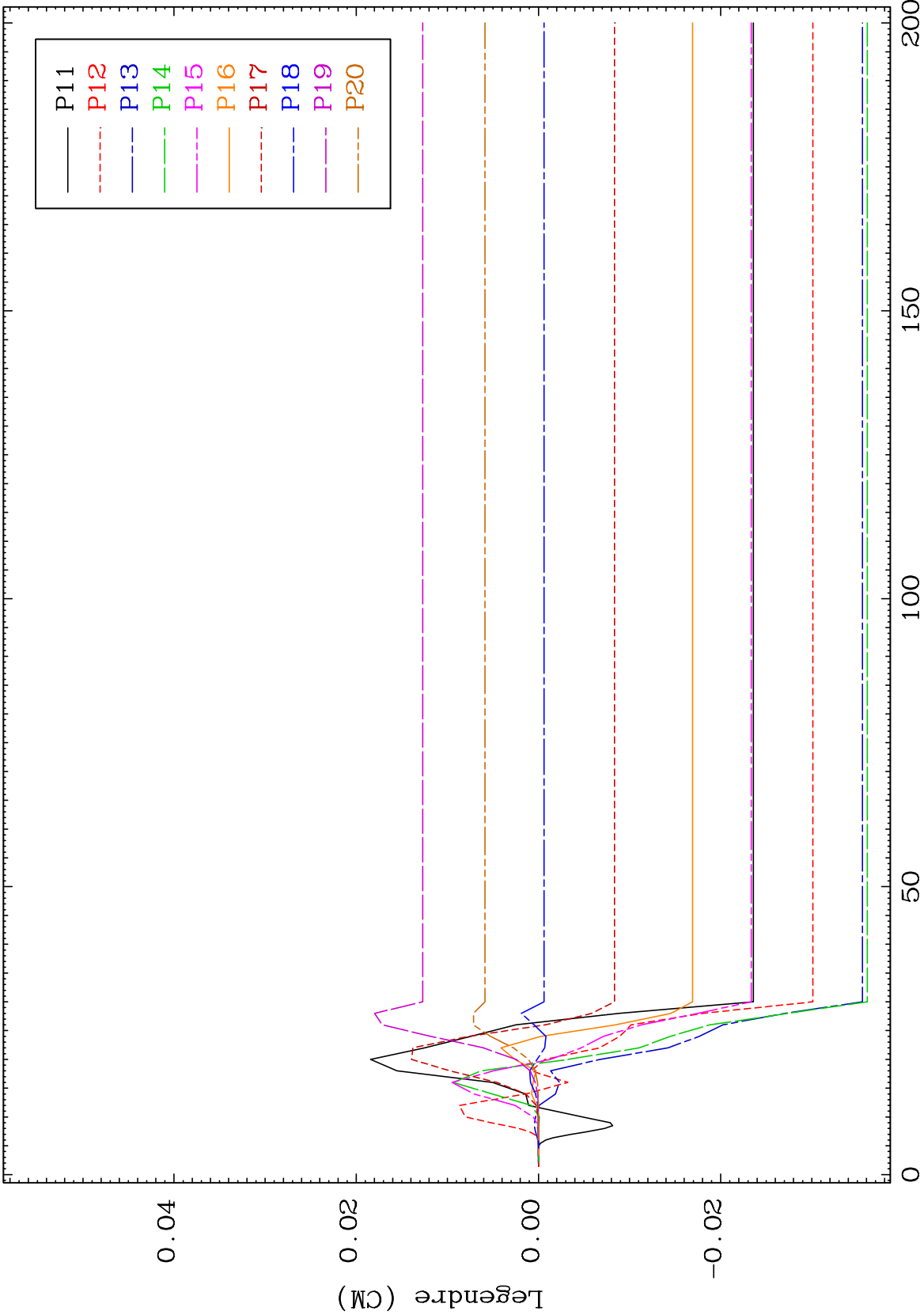


83

MAT 7834

522.5 keV (n,n') Level
Legendre Coefficients

78-Pt-193



84

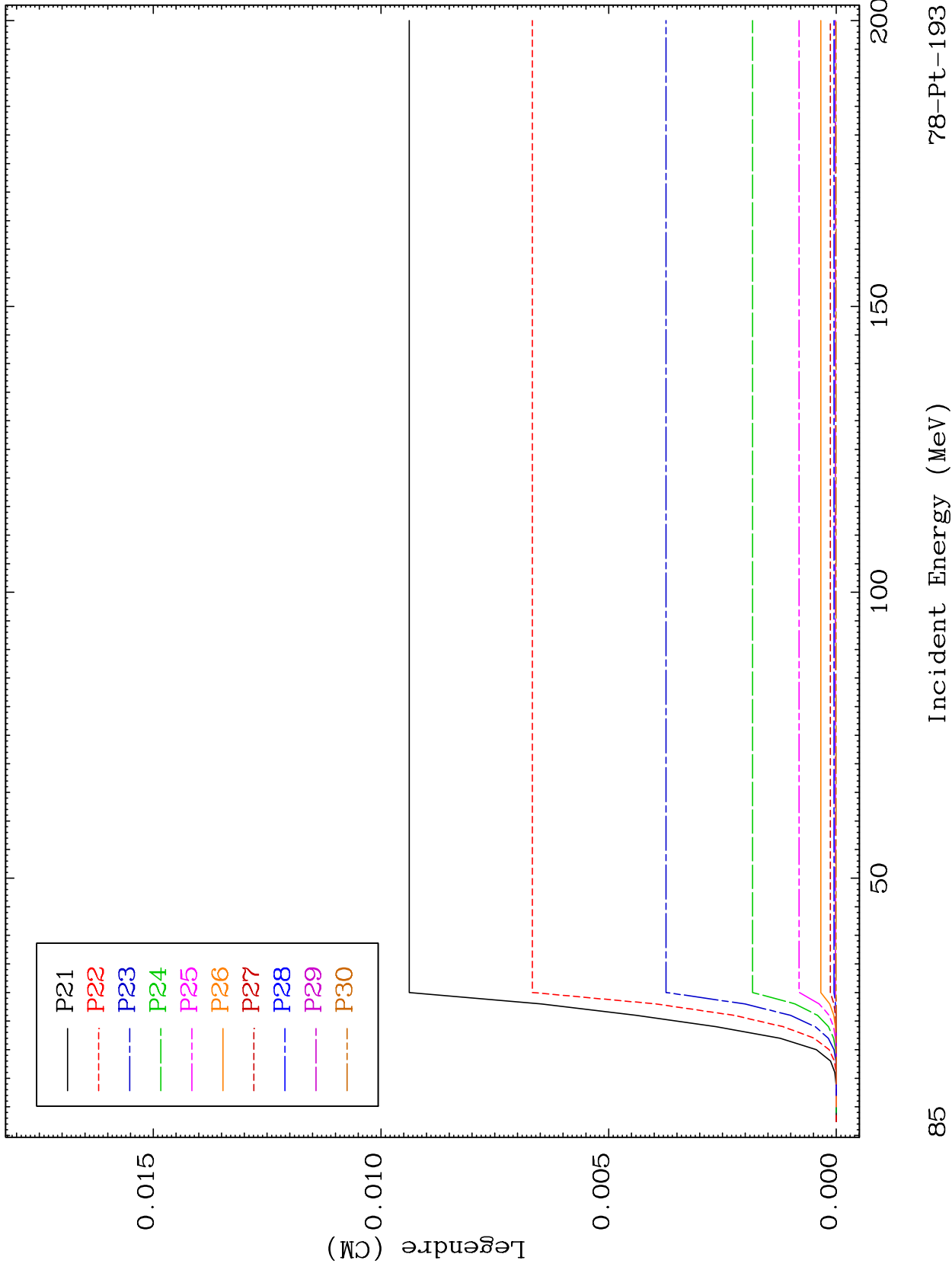
Incident Energy (MeV)

78-Pt-193

MAT 7834

522.5 keV (n,n') Level
Legendre Coefficients

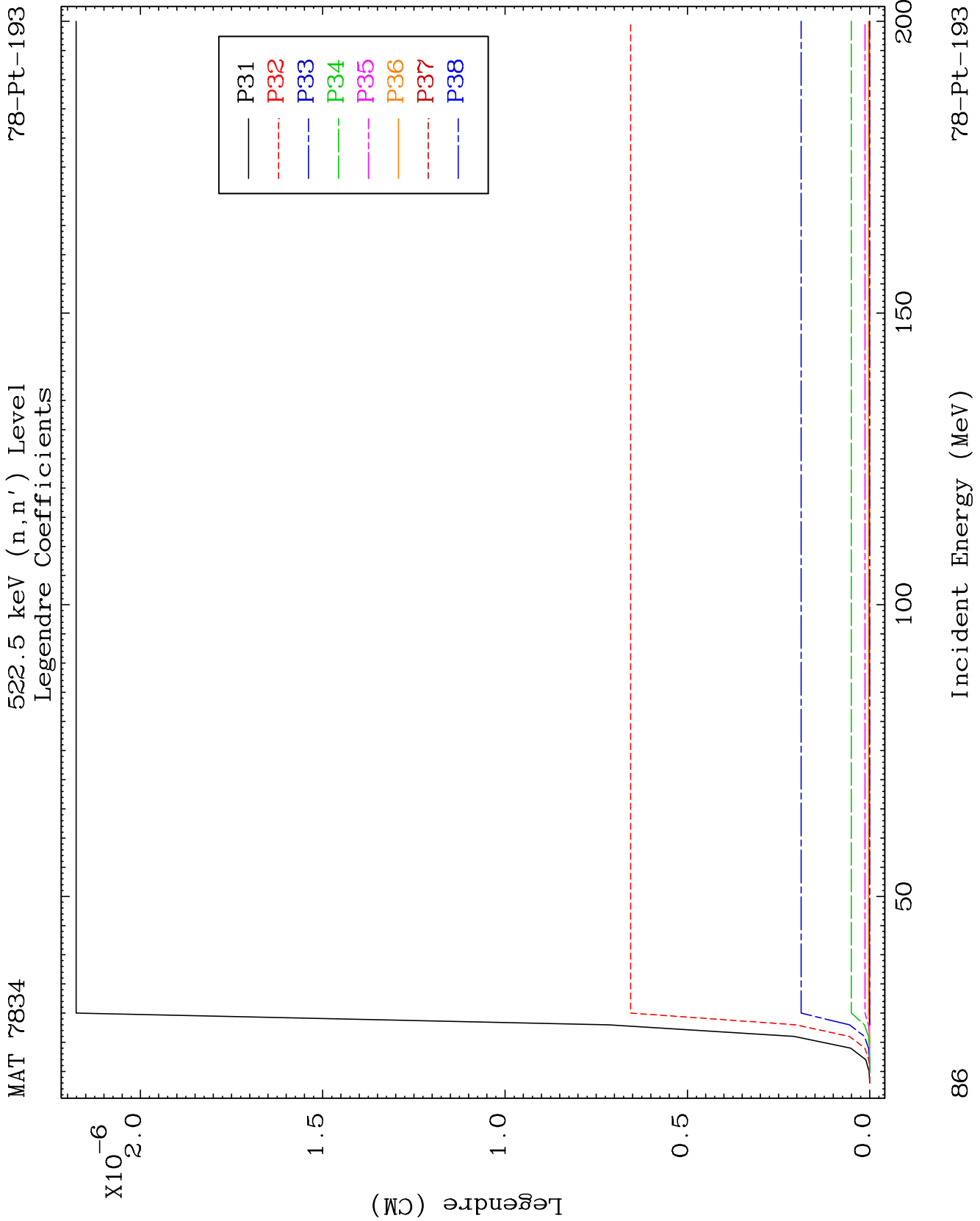
78-Pt-193

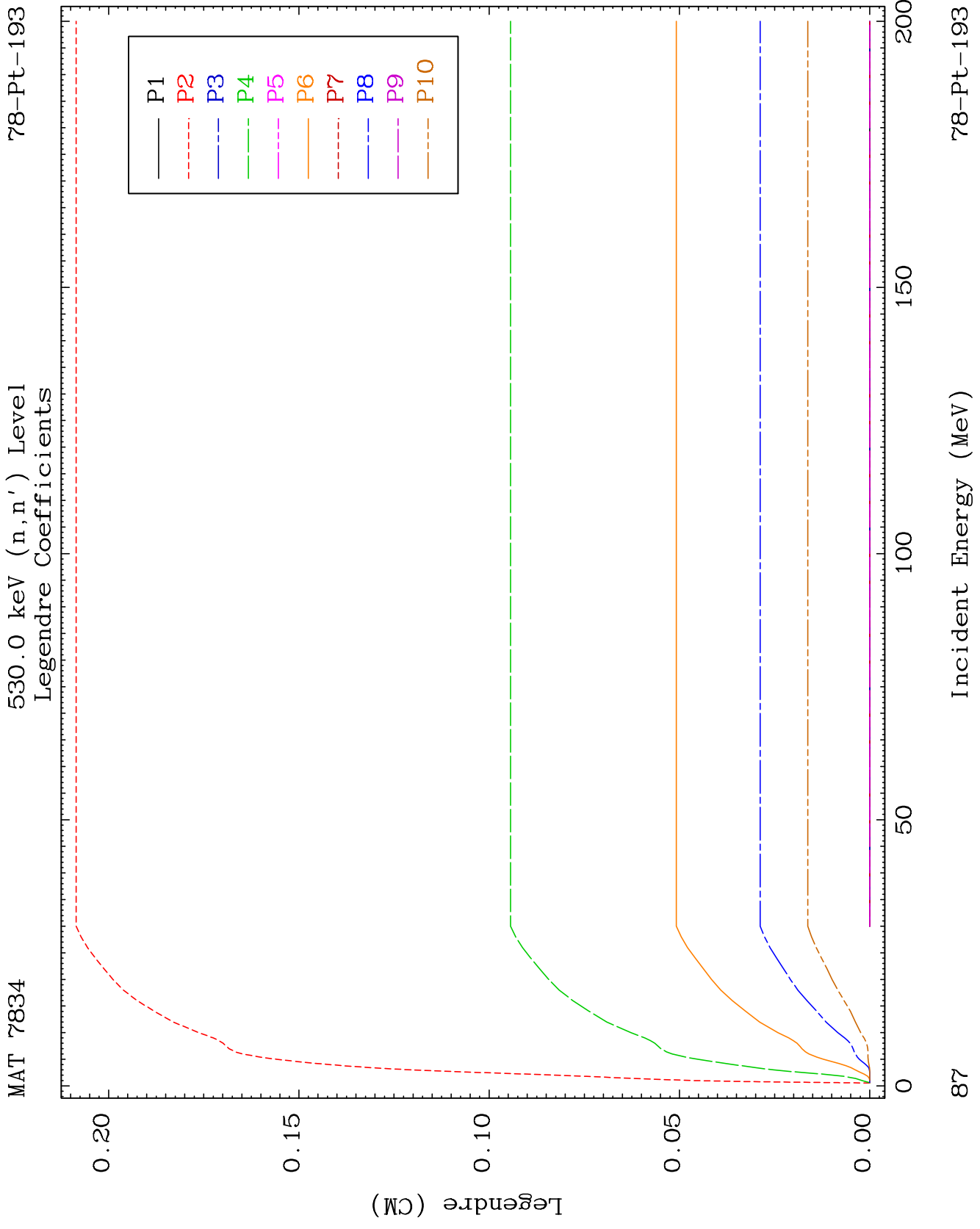


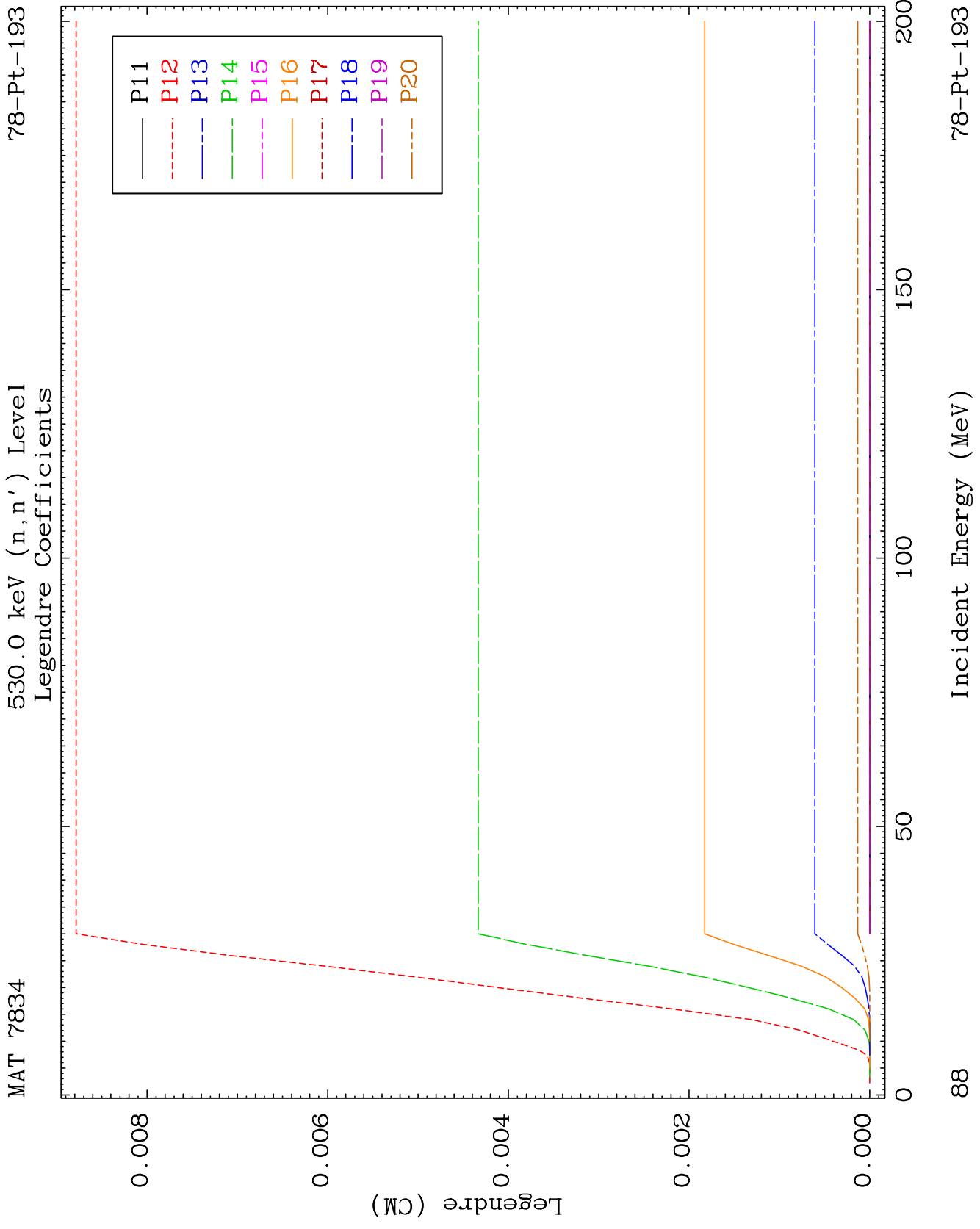
85

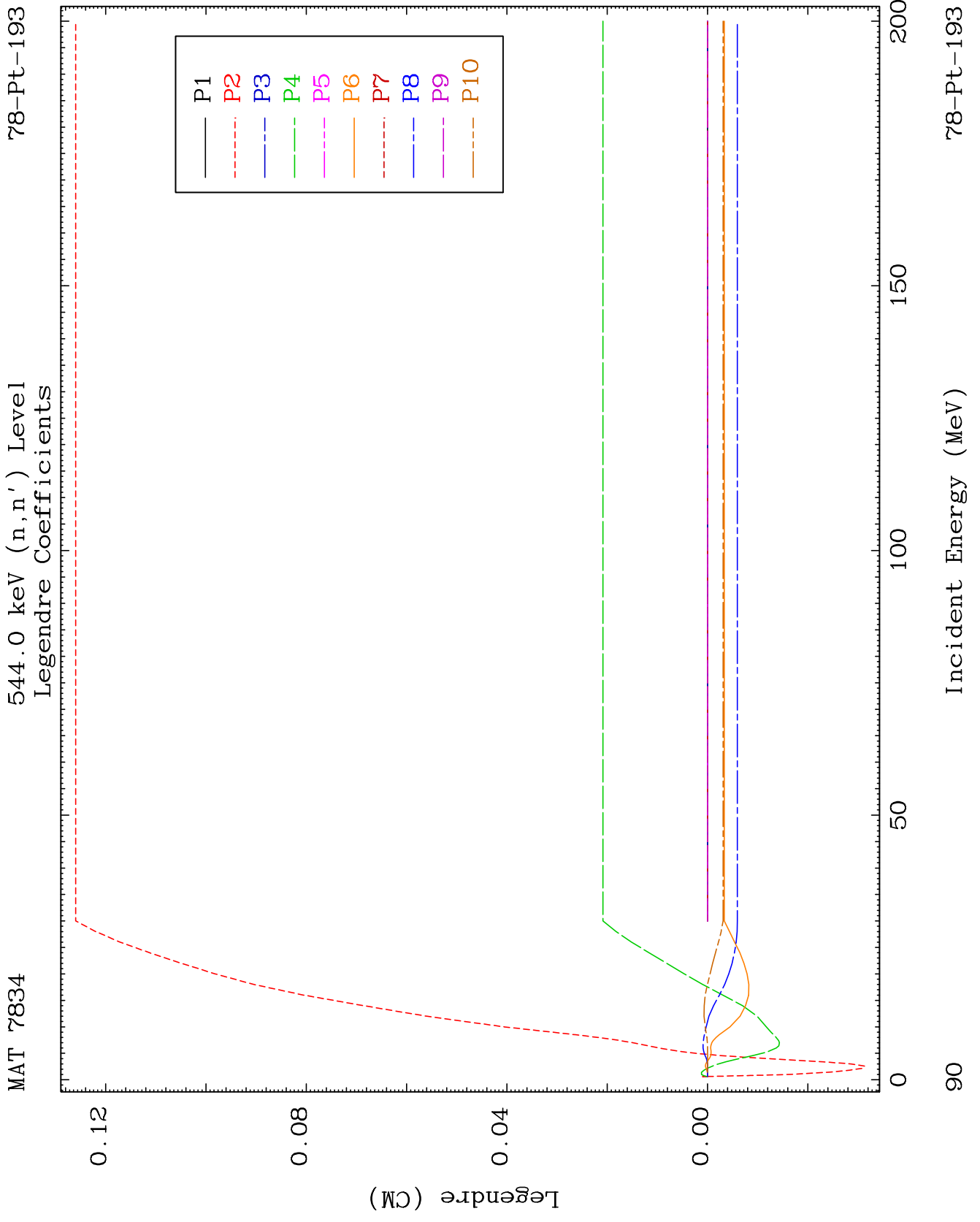
Incident Energy (MeV)

78-Pt-193





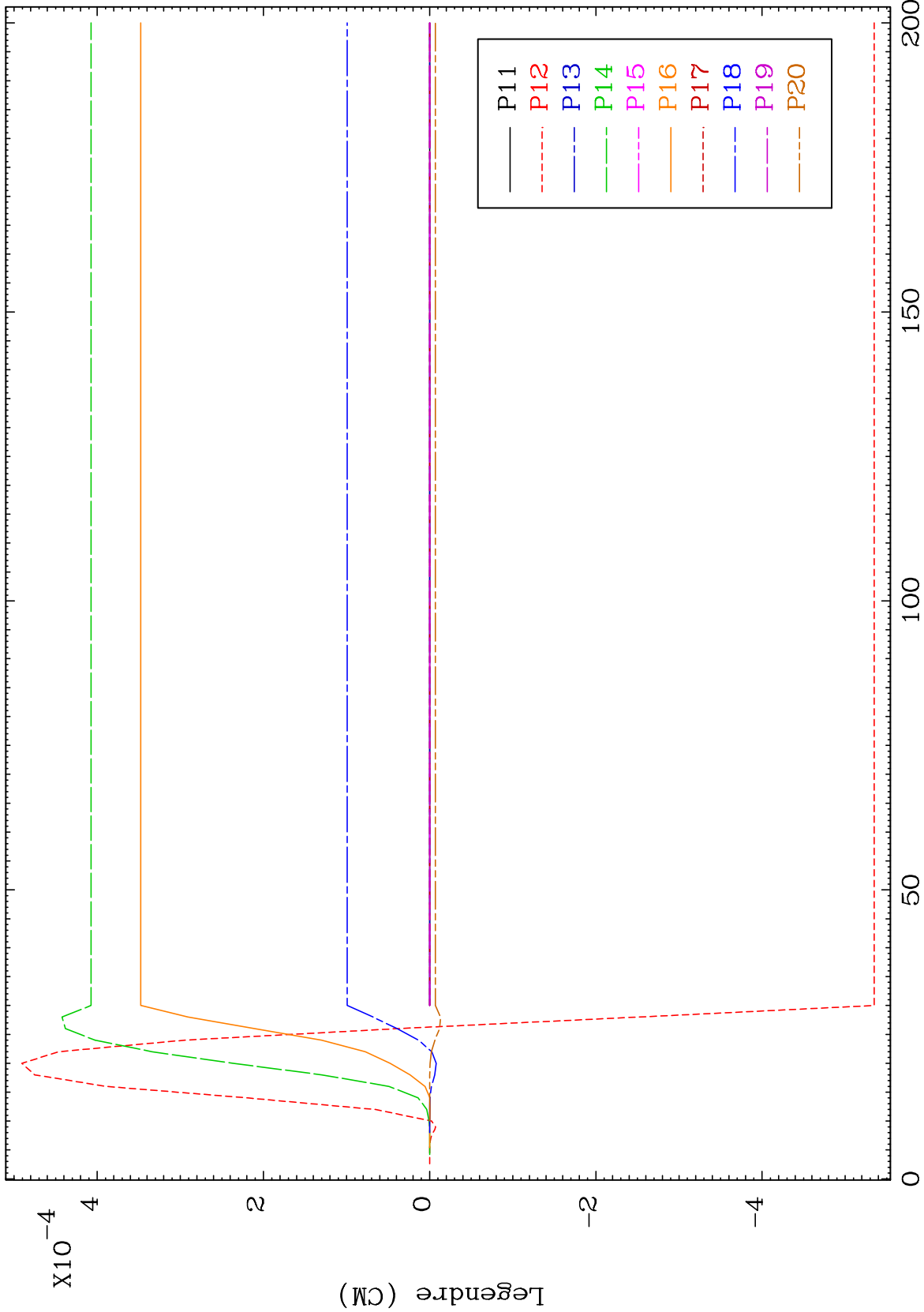




MAT 7834

544.0 keV (n,n') Level
Legendre Coefficients

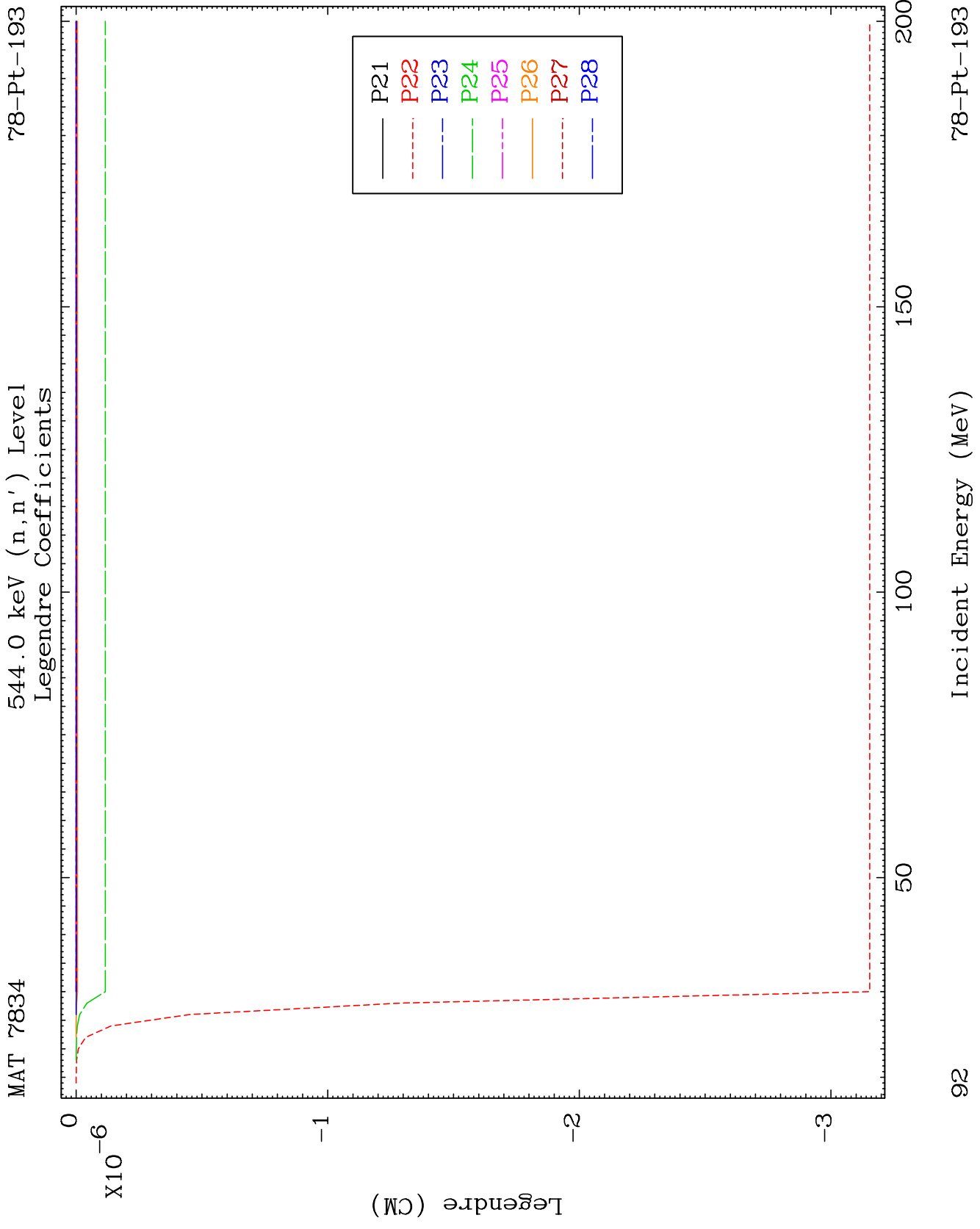
78-Pt-193

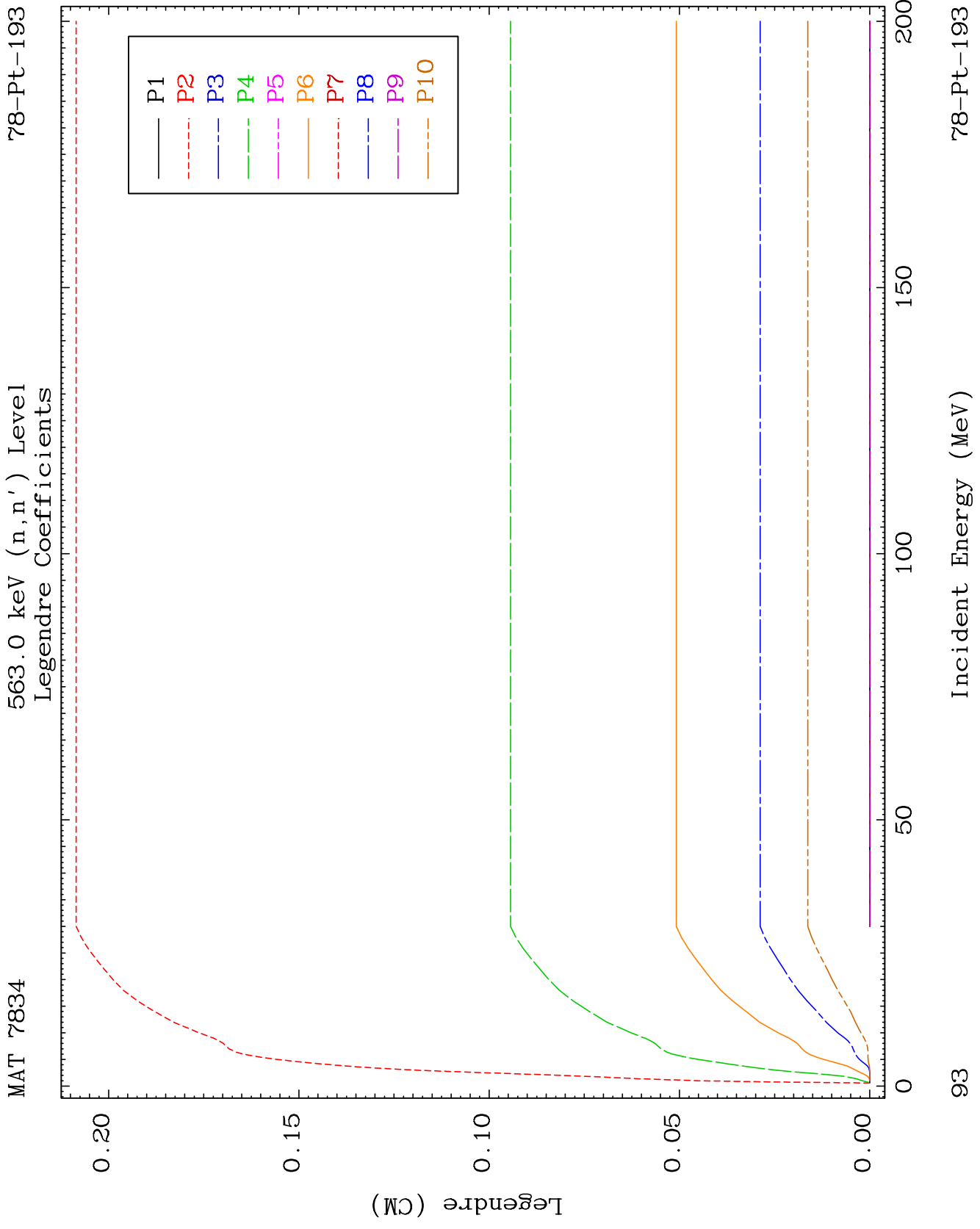


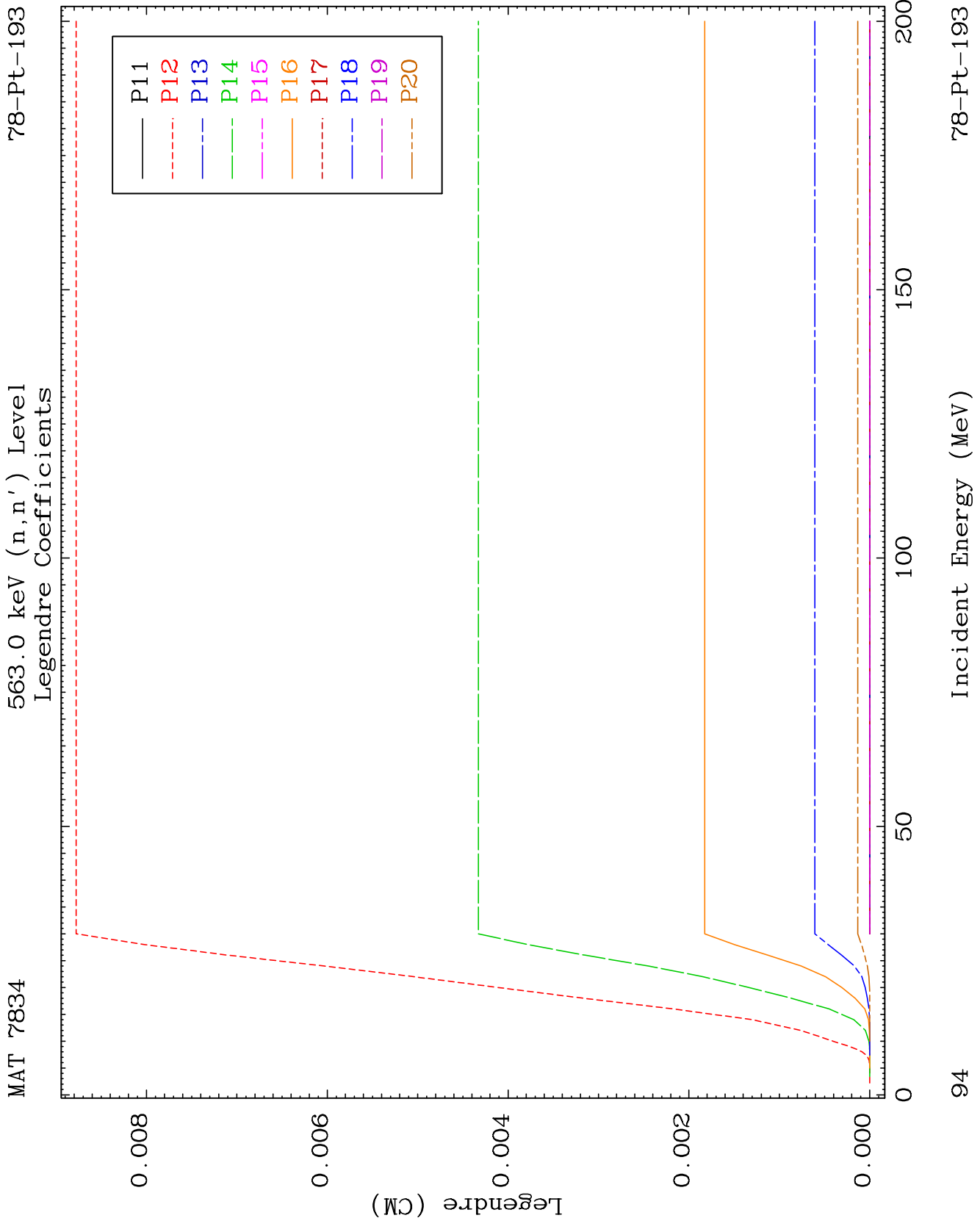
91

Incident Energy (MeV)

78-Pt-193



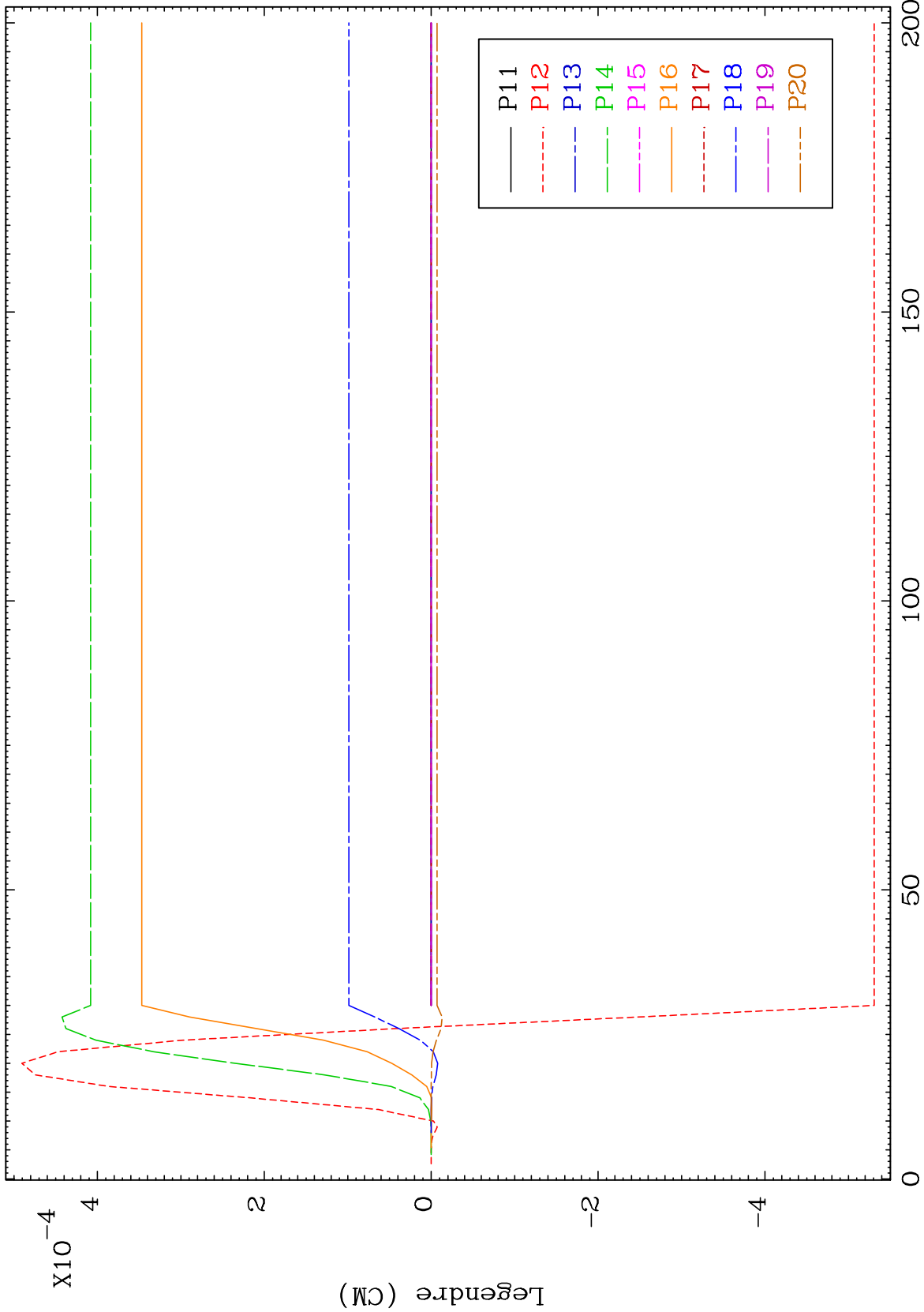




MAT 7834

599.0 keV (n,n') Level
Legendre Coefficients

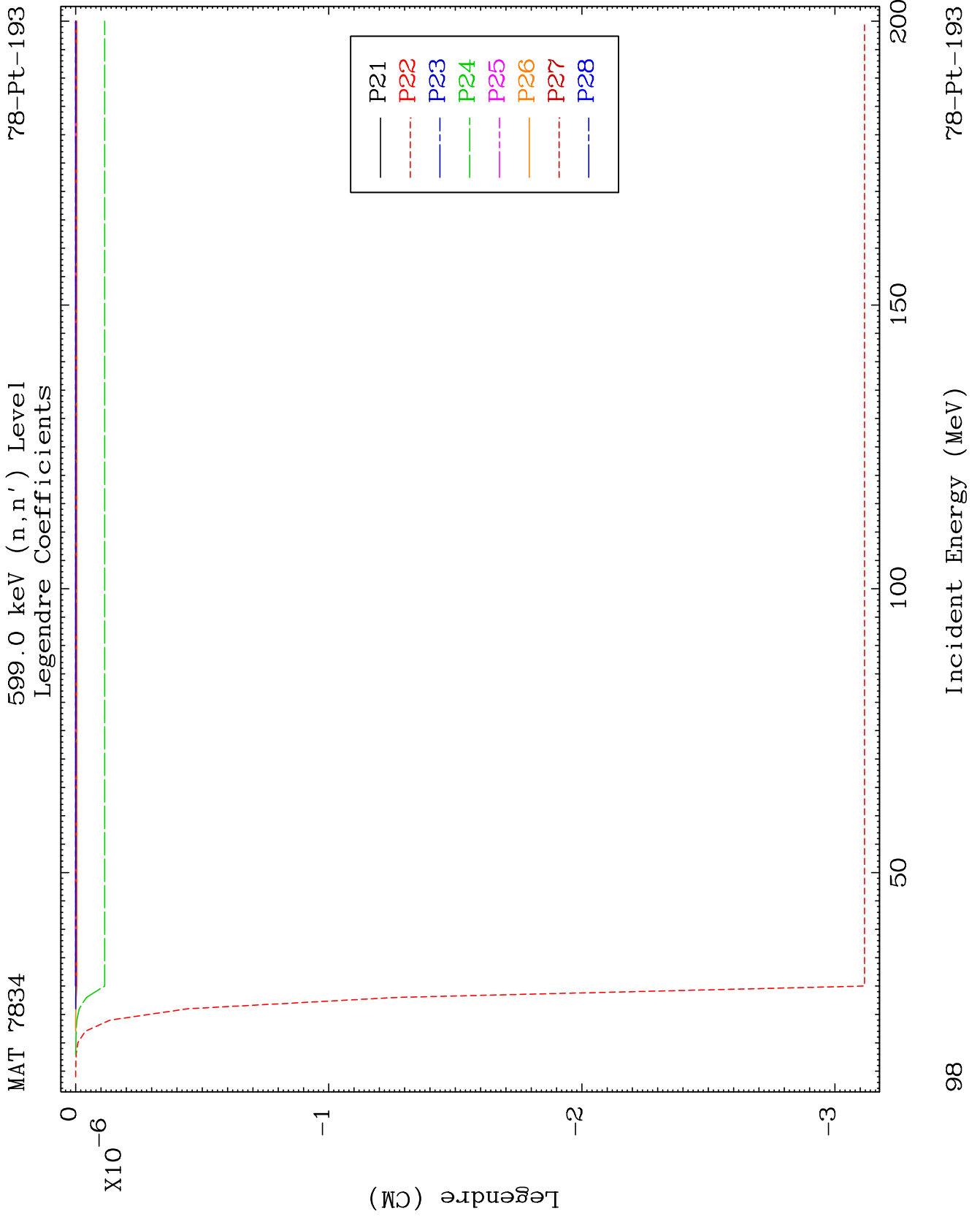
78-Pt-193



97

Incident Energy (MeV)

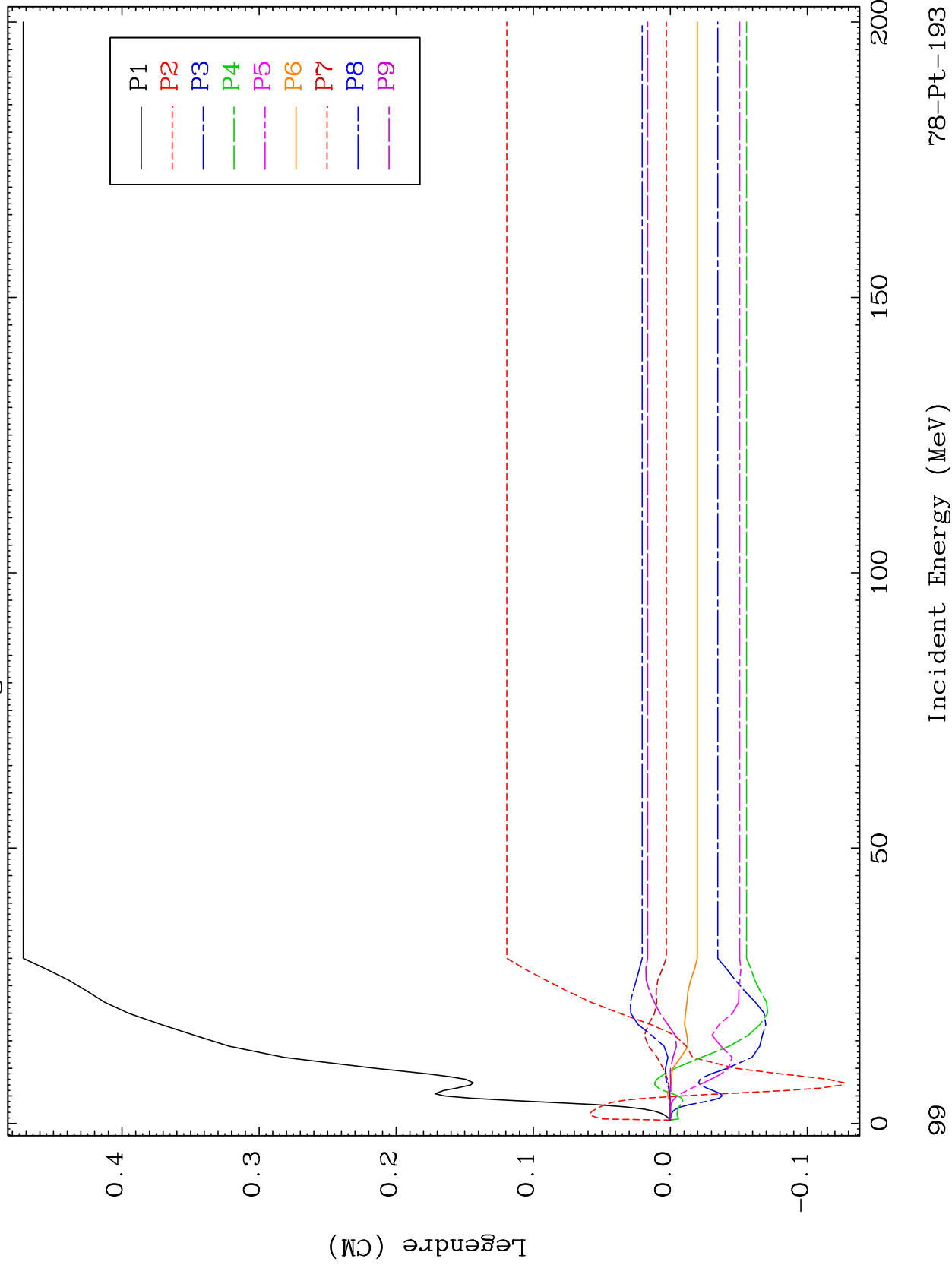
78-Pt-193



MAT 7834

603.3 keV (n,n') Level
Legendre Coefficients

78-Pt-193



78-Pt-193

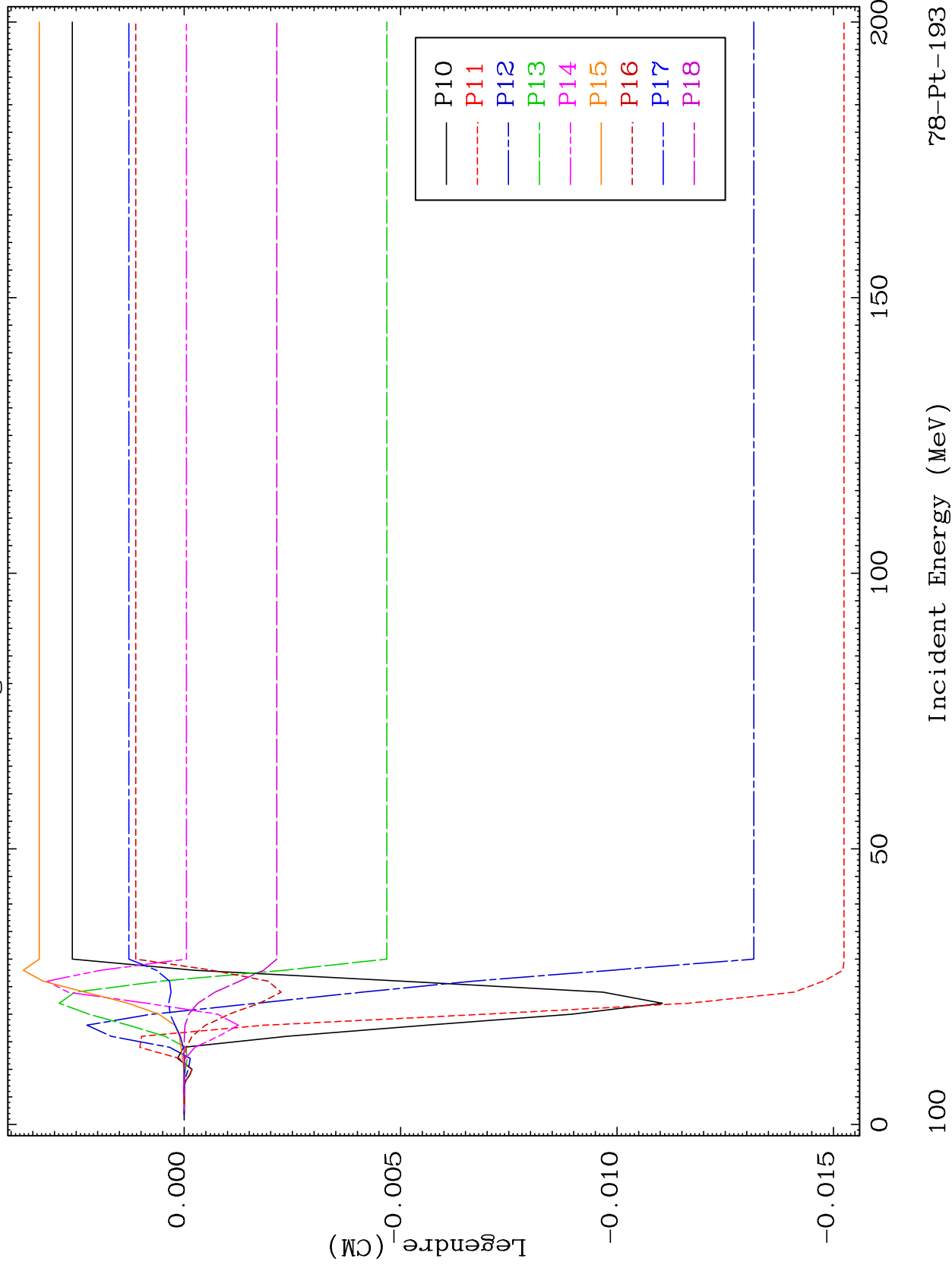
Incident Energy (MeV)

99

MAT 7834

603.3 keV (n,n') Level
Legendre Coefficients

78-Pt-193



78-Pt-193

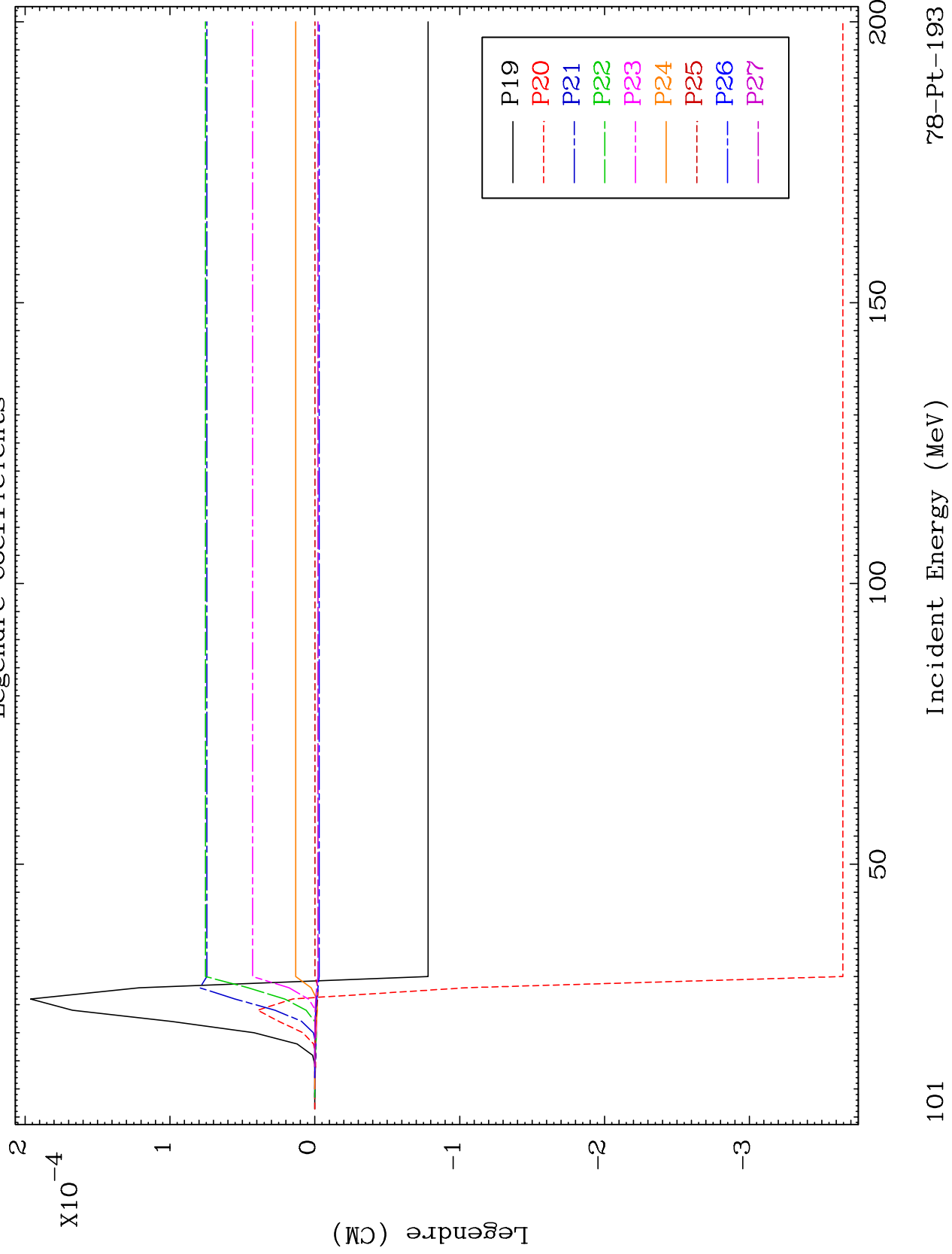
Incident Energy (MeV)

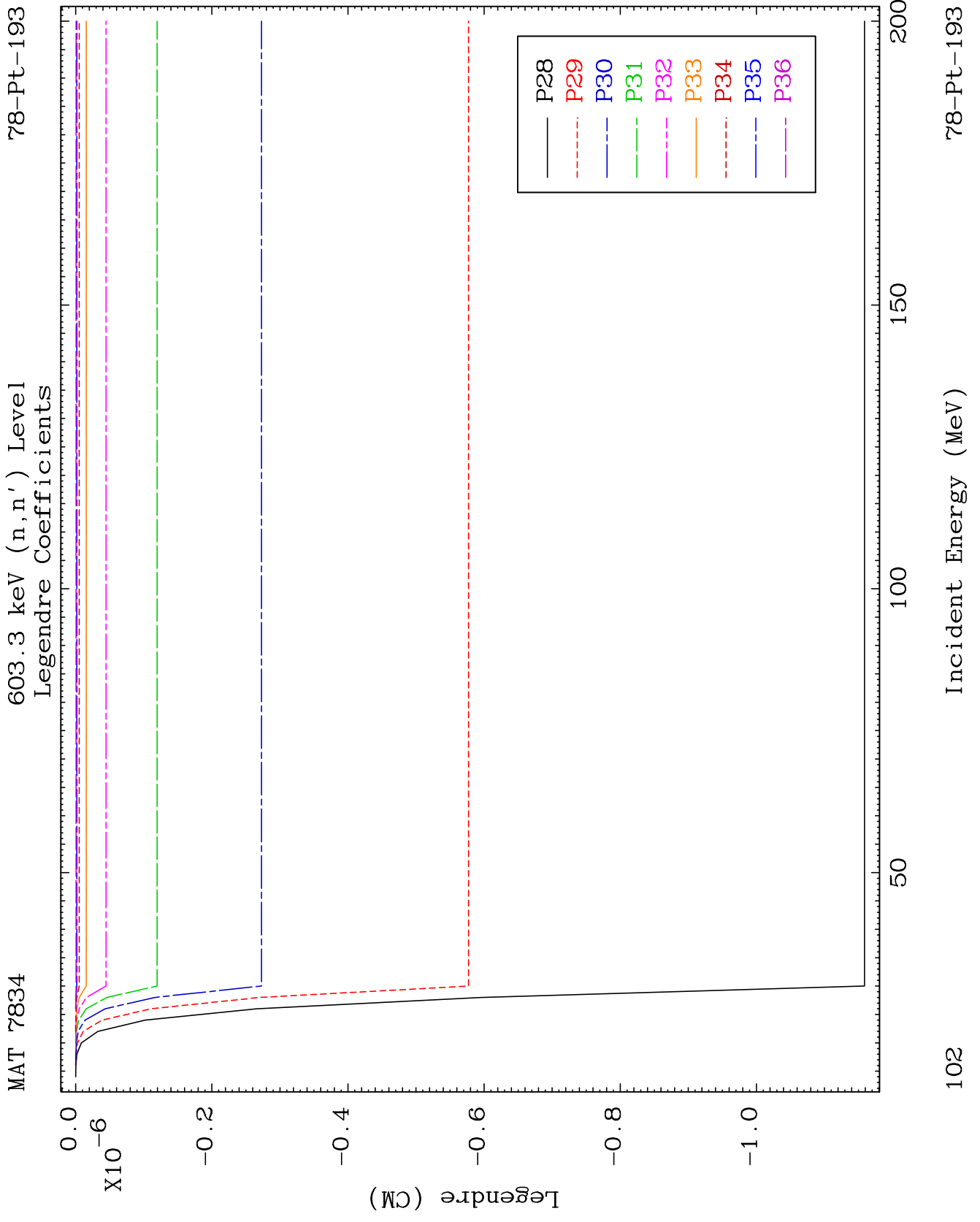
100

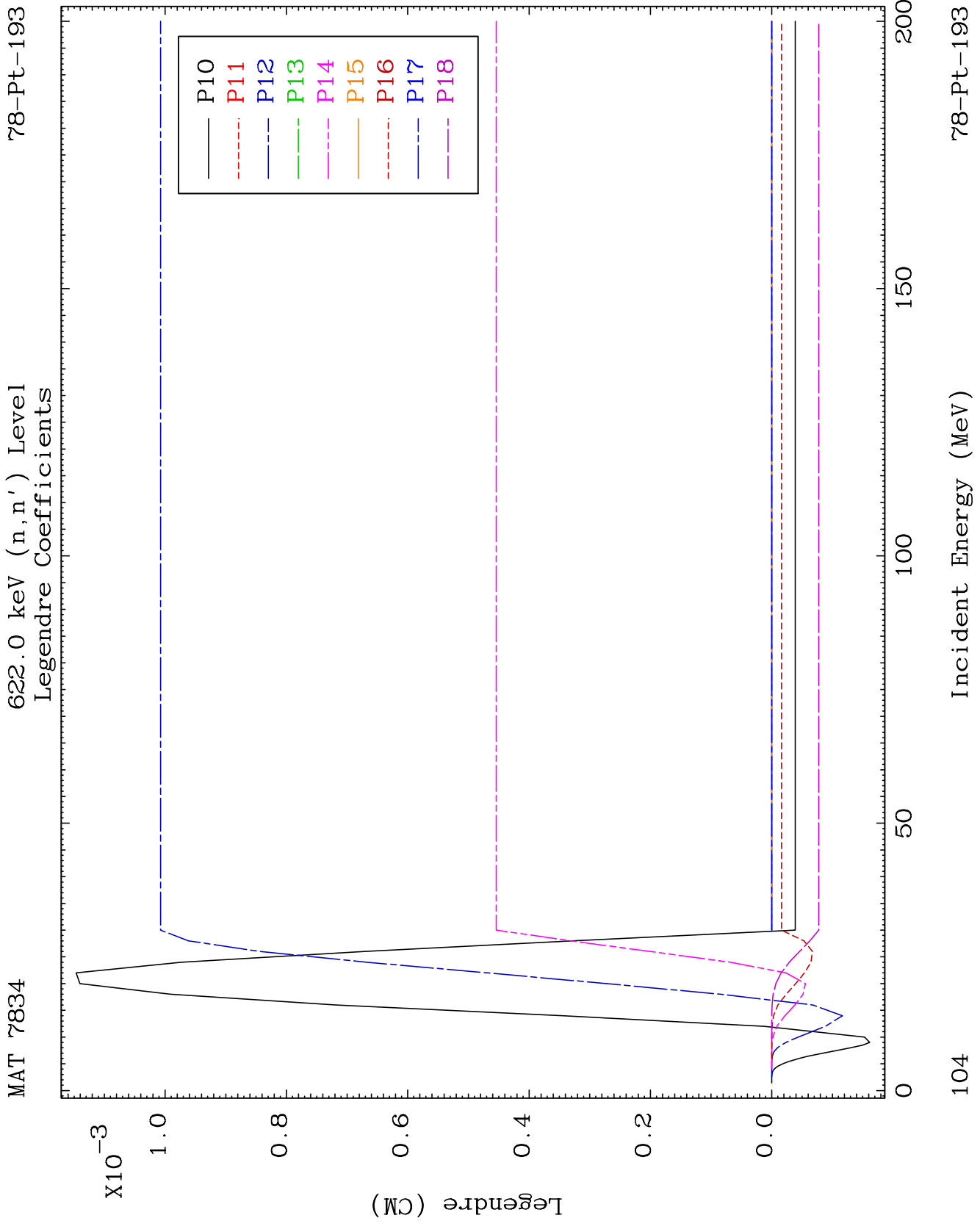
MAT 7834

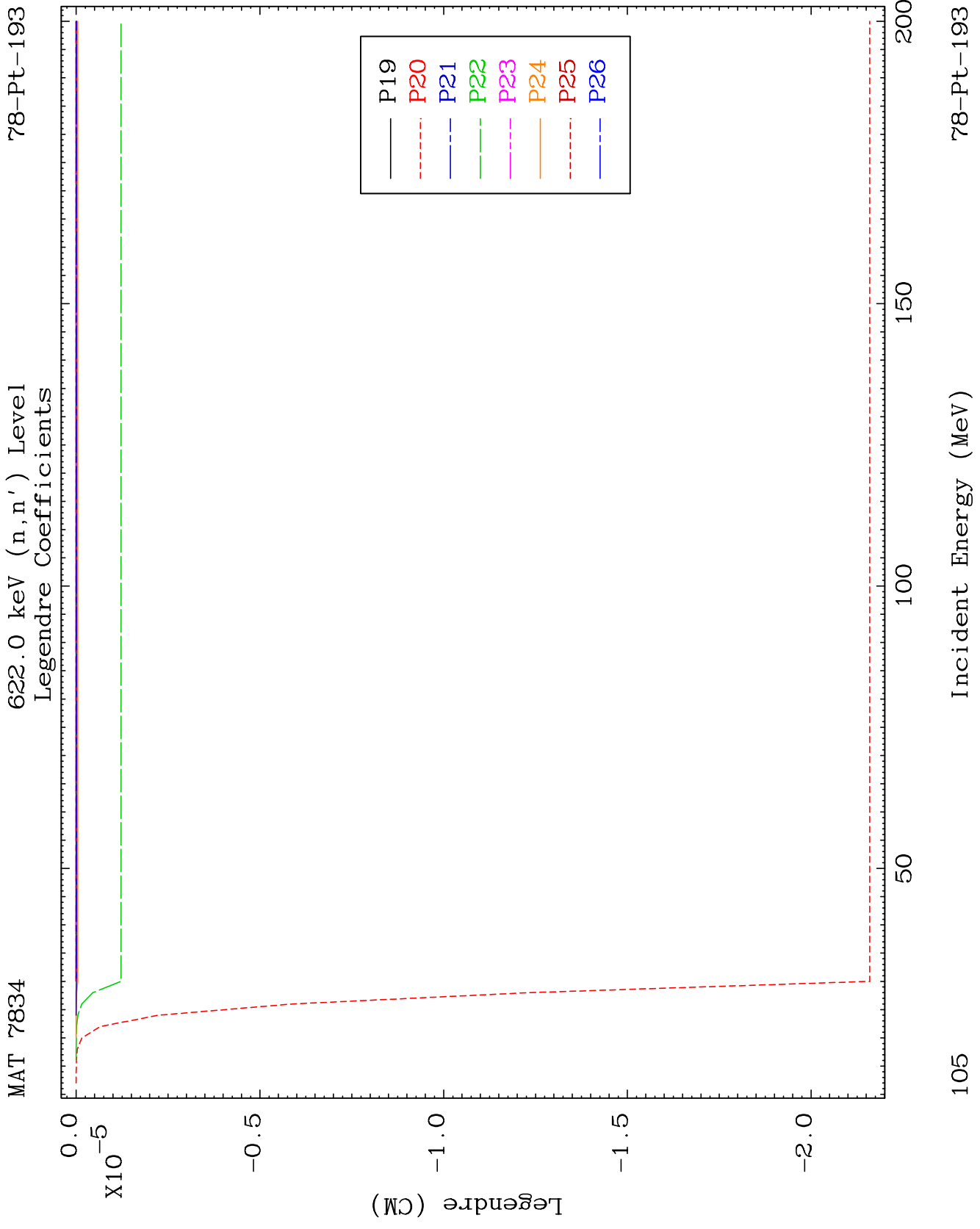
603.3 keV (n, n') Level
Legendre Coefficients

78-Pt-193





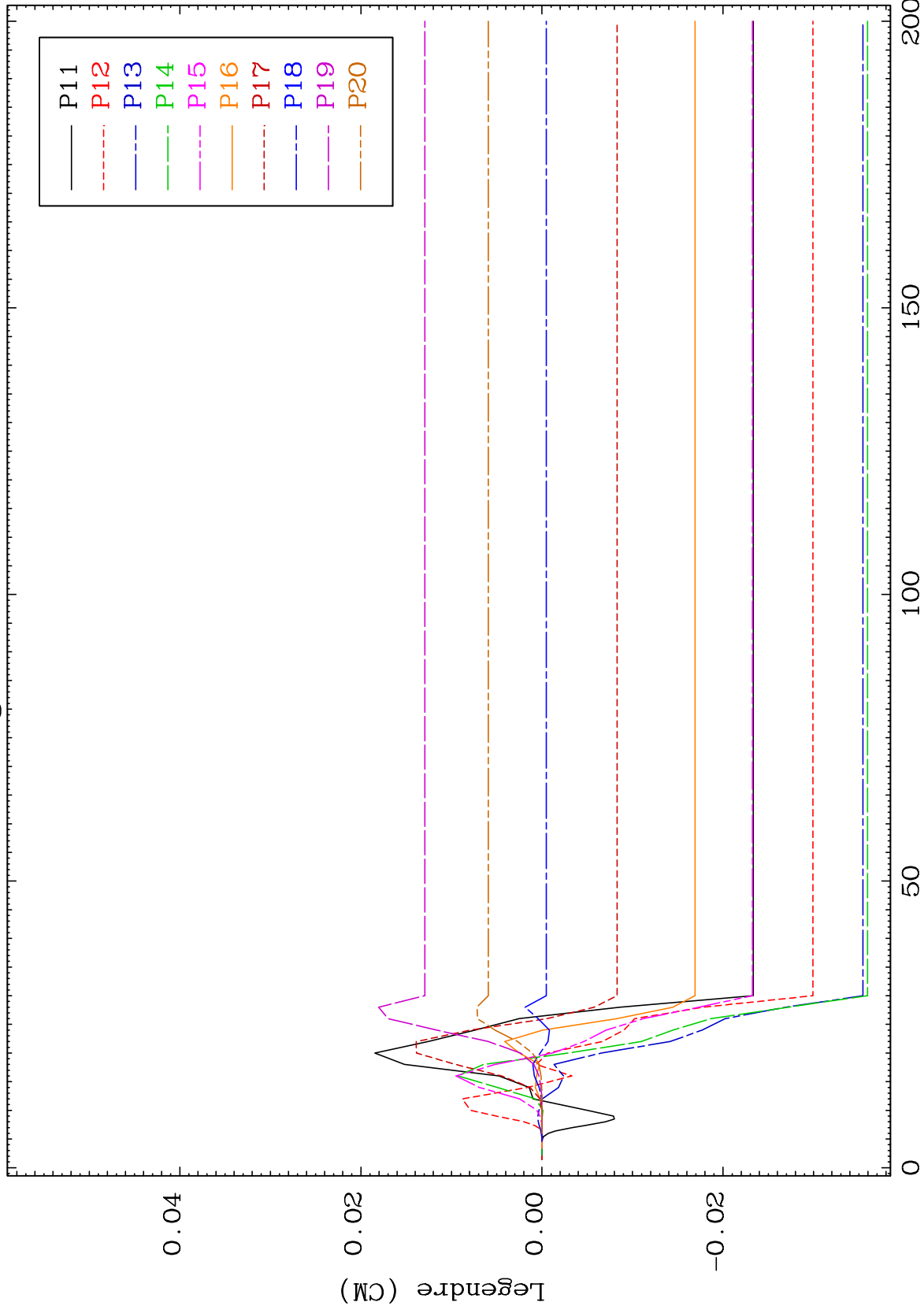




MAT 7834

630.0 keV (n,n') Level
Legendre Coefficients

78-Pt-193



107

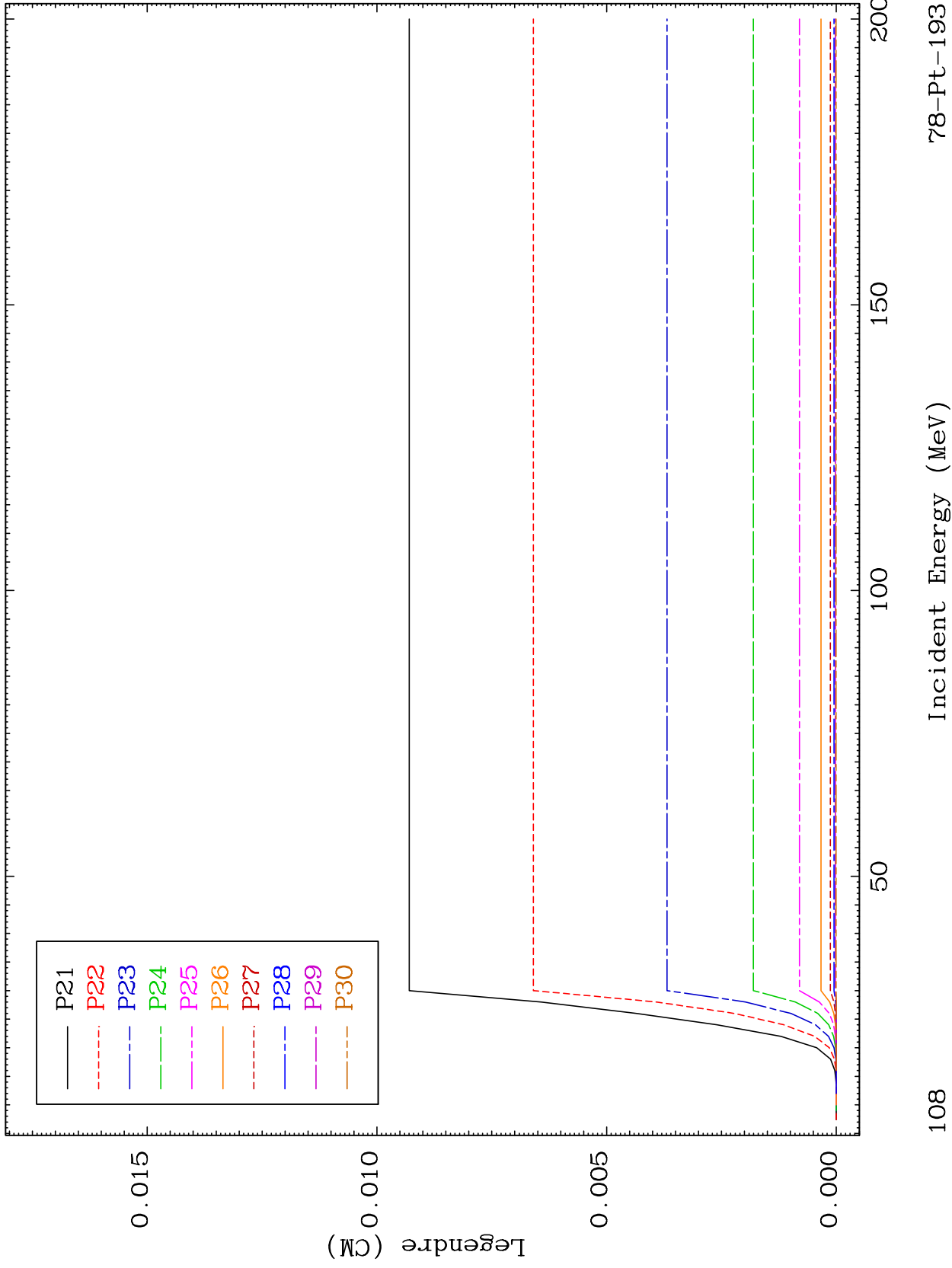
Incident Energy (MeV)

78-Pt-193

MAT 7834

630.0 keV (n,n') Level
Legendre Coefficients

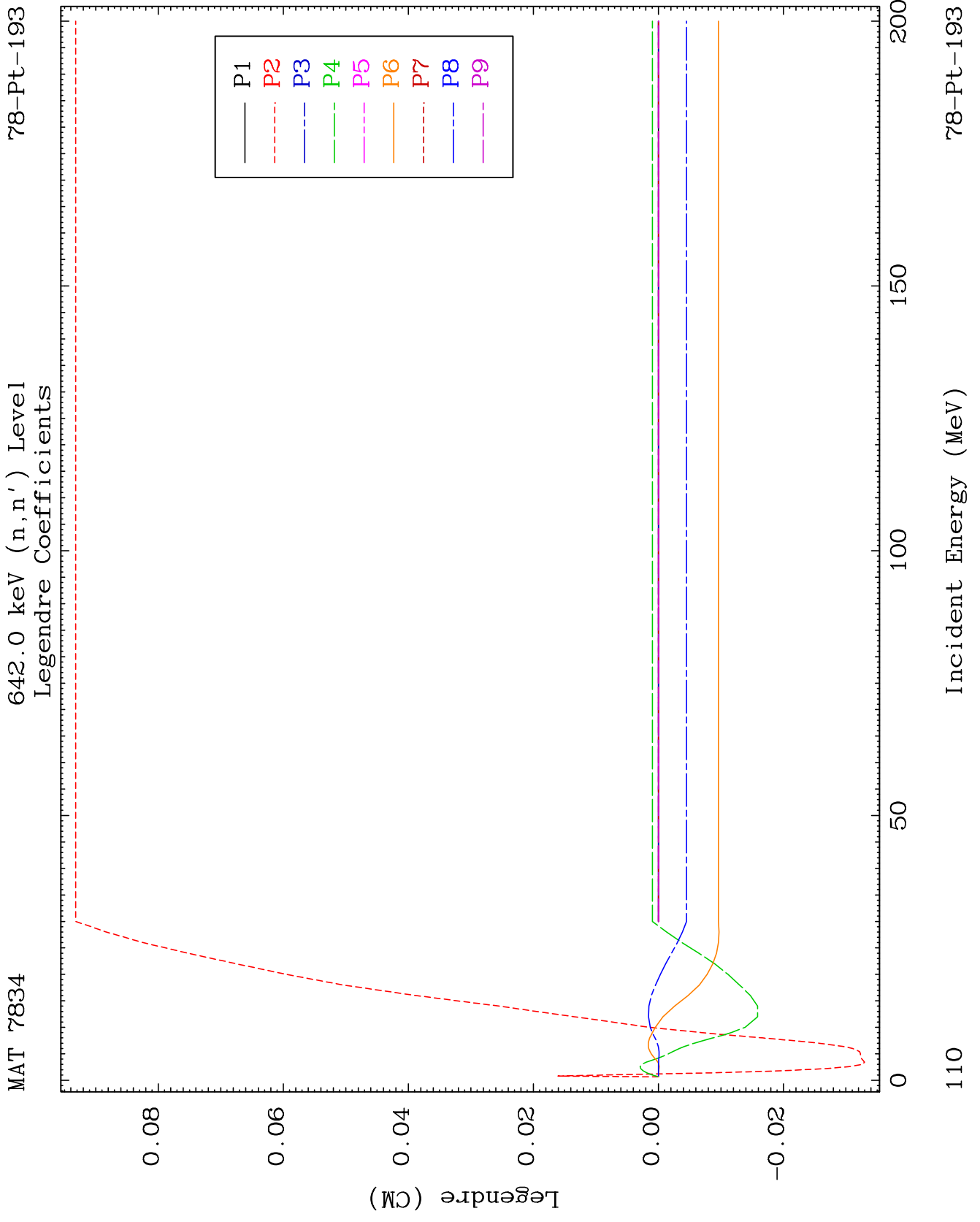
78-Pt-193

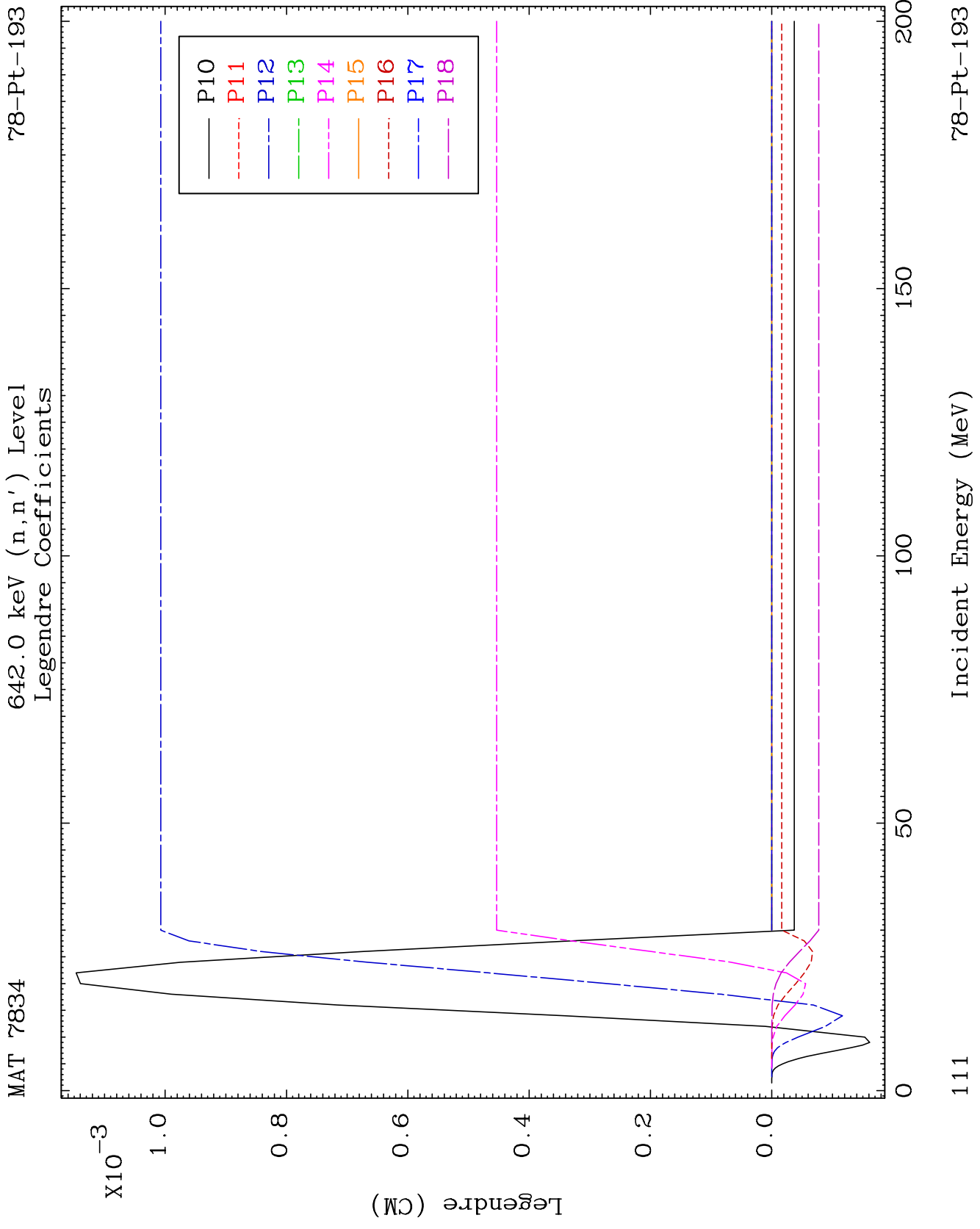


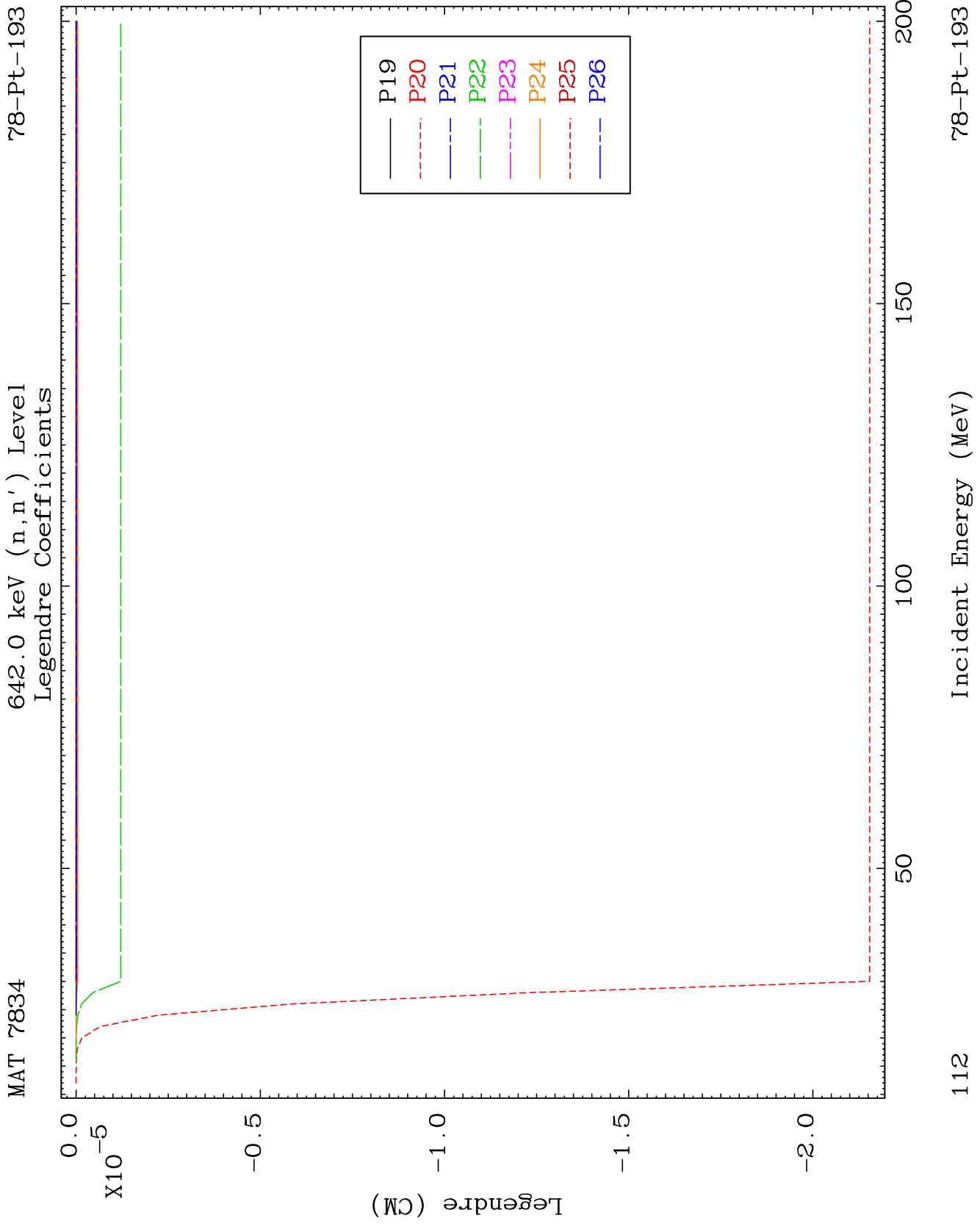
108

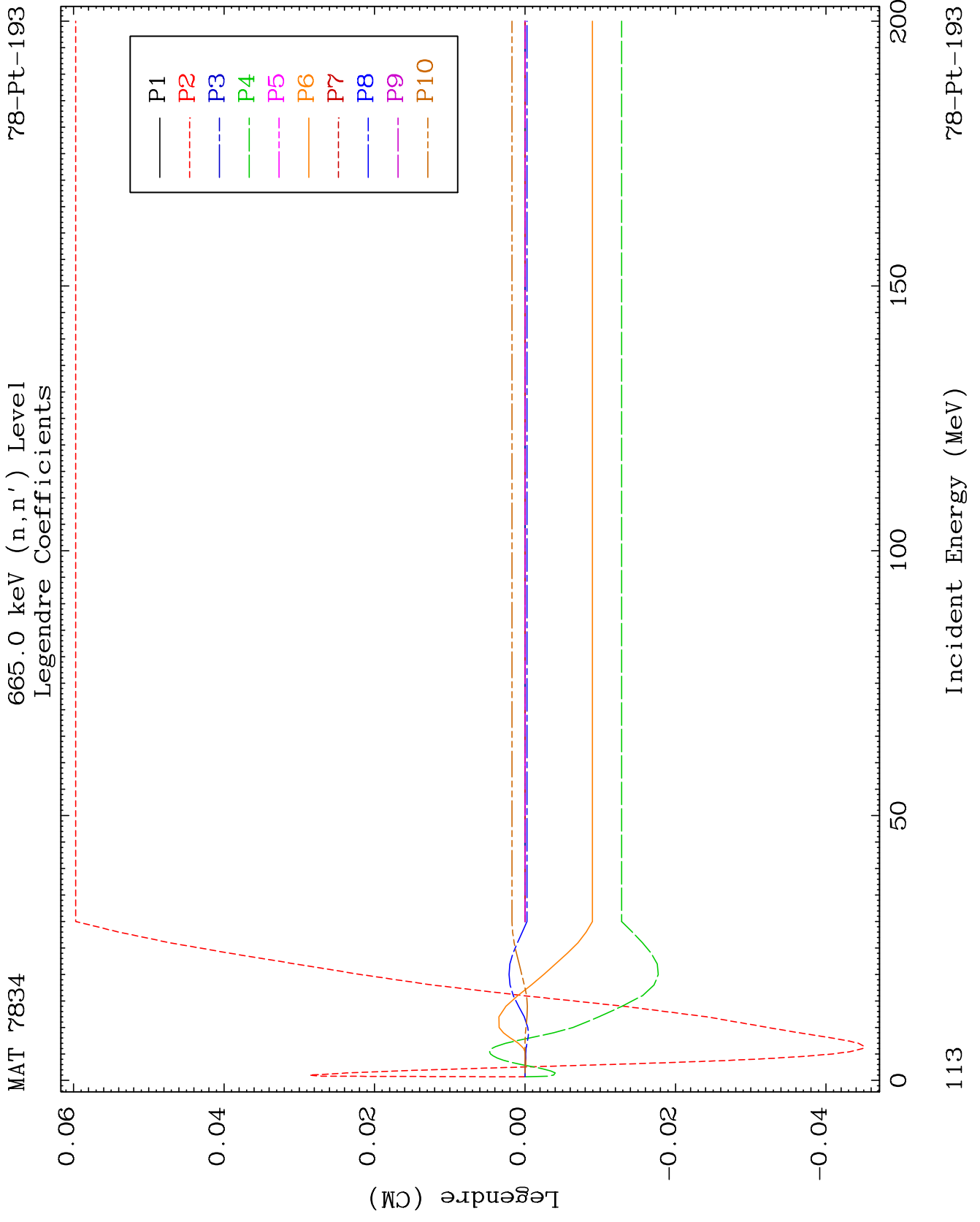
Incident Energy (MeV)

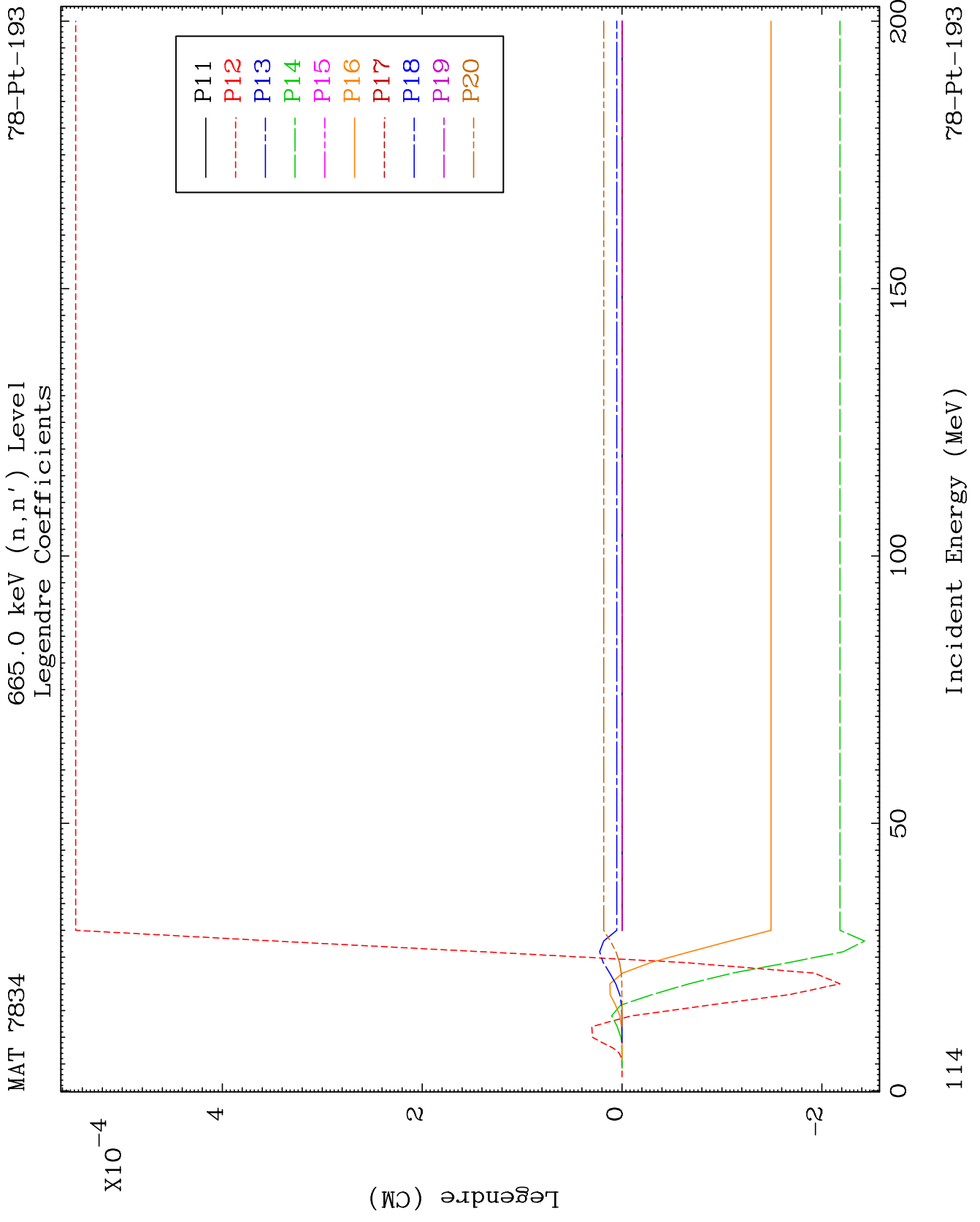
78-Pt-193

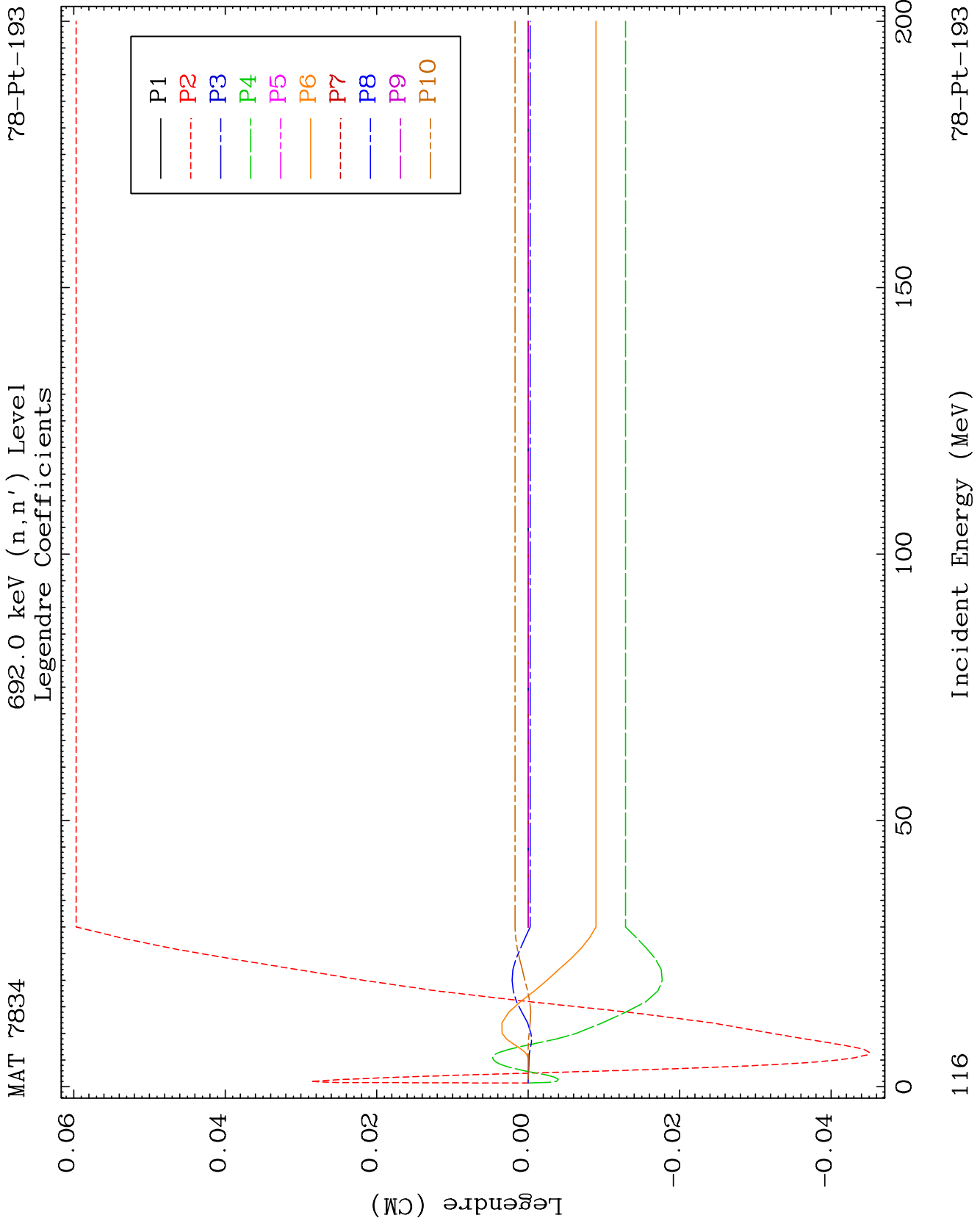








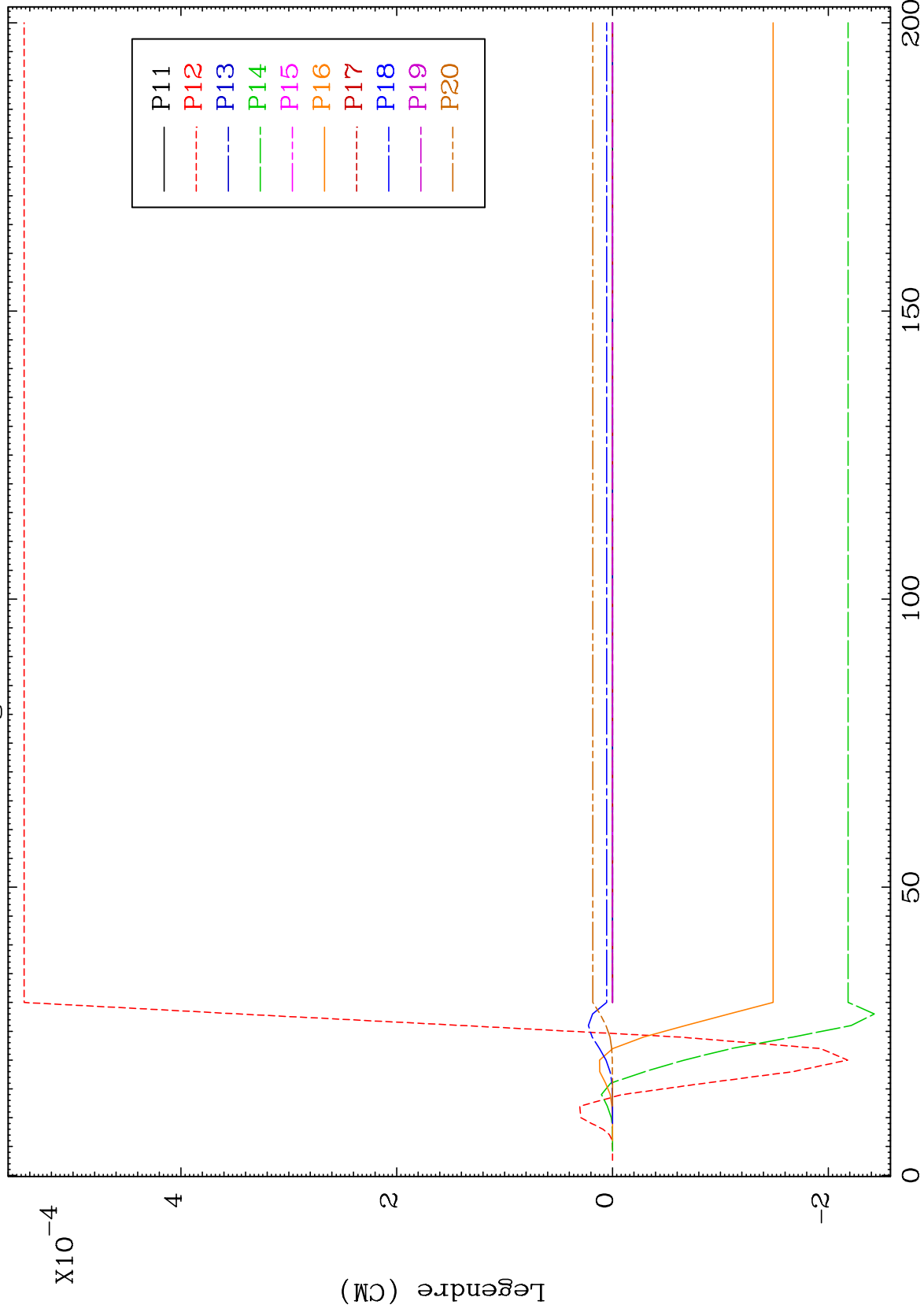




MAT 7834

692.0 keV (n,n') Level
Legendre Coefficients

78-Pt-193



117

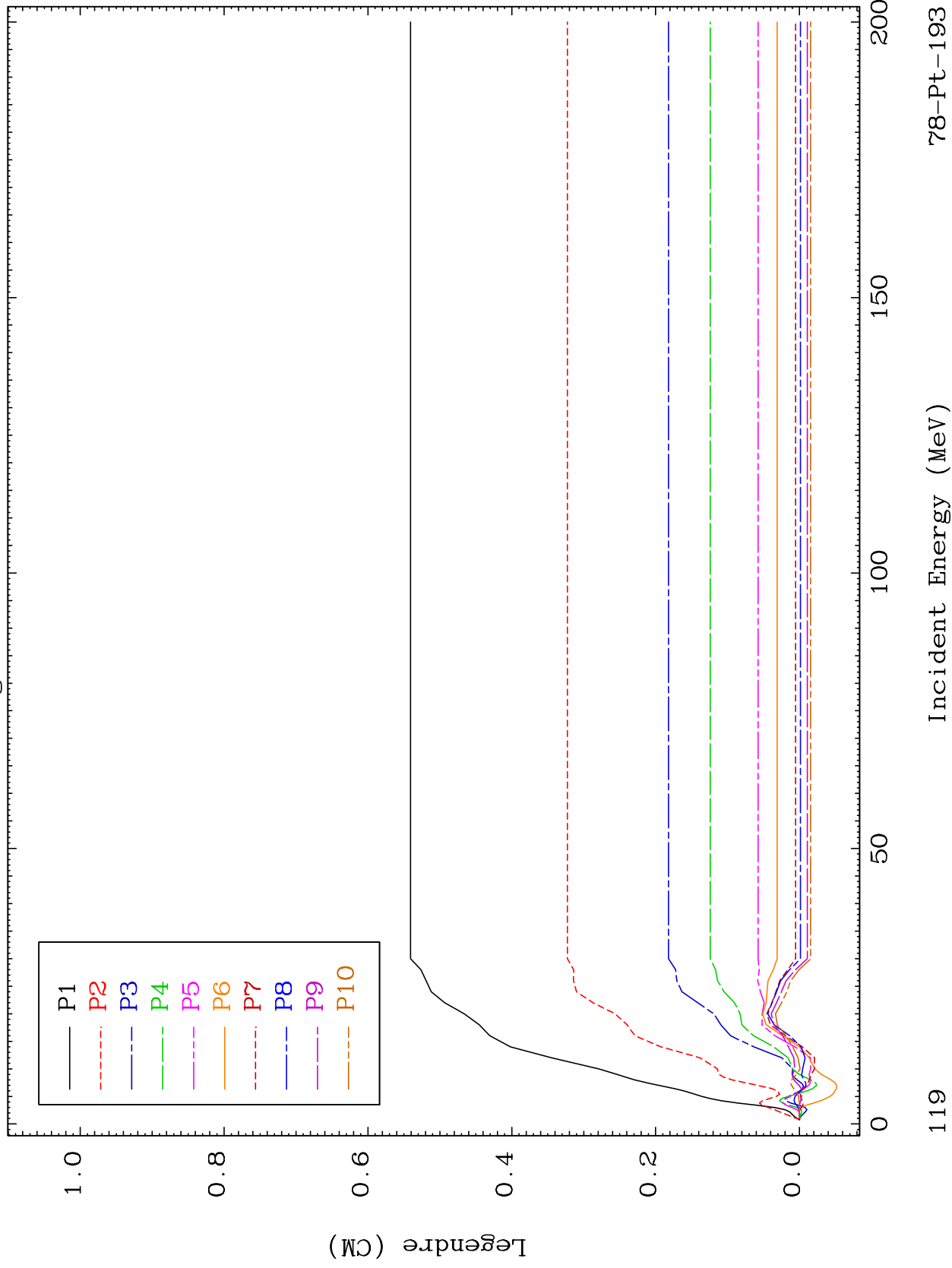
Incident Energy (MeV)

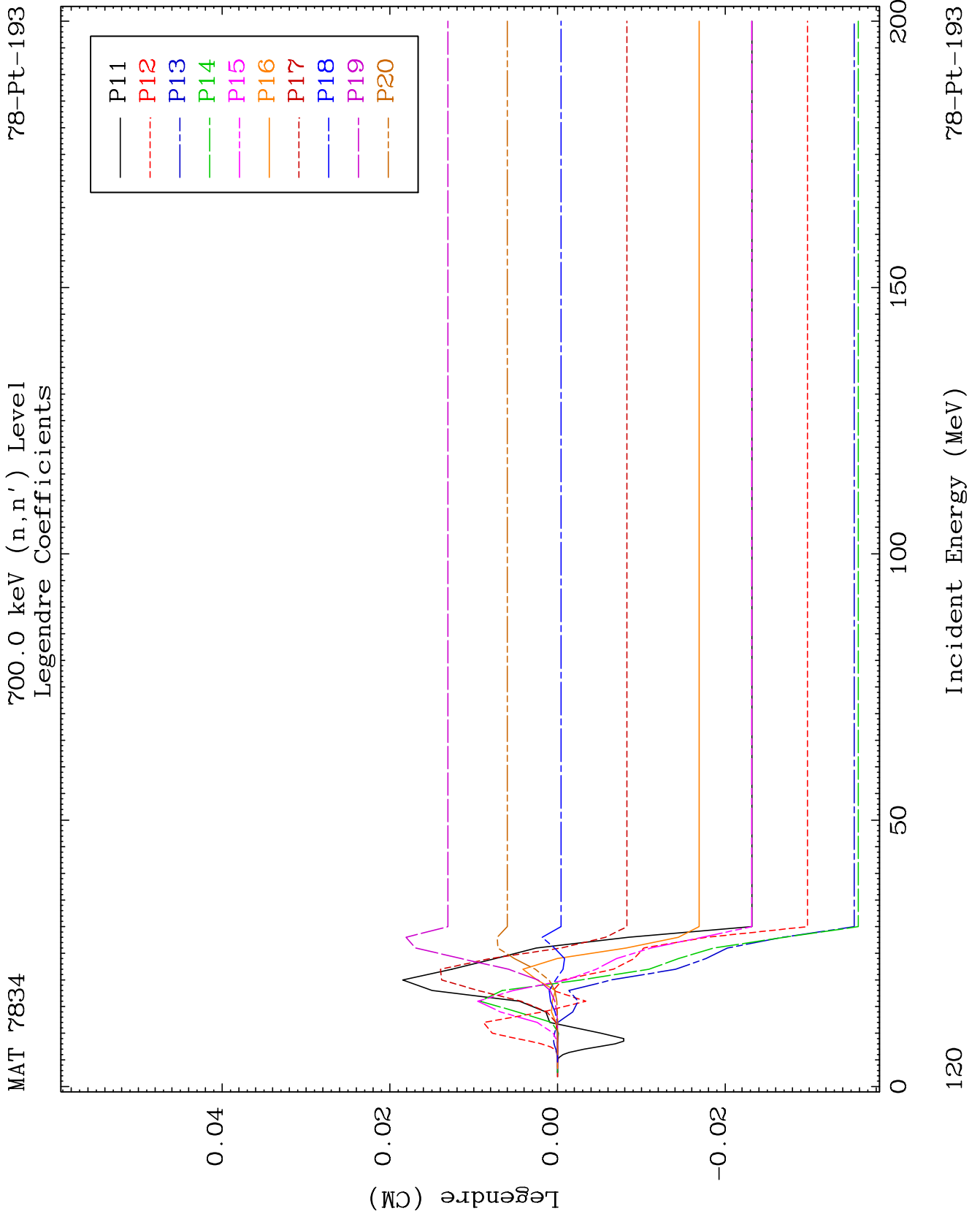
78-Pt-193

MAT 7834

700.0 keV (n,n') Level
Legendre Coefficients

78-Pt-193

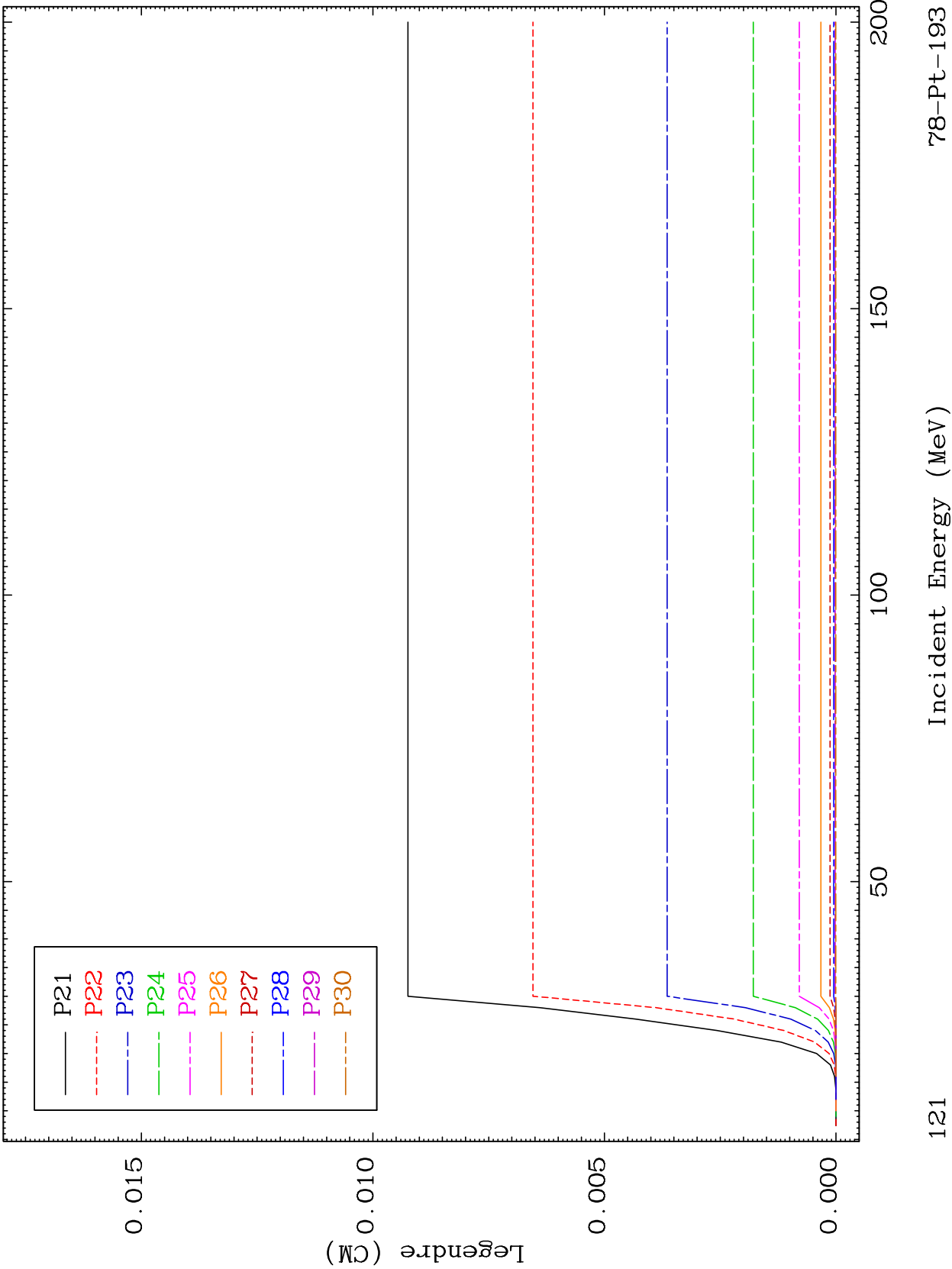




MAT 7834

700.0 keV (n,n') Level
Legendre Coefficients

78-Pt-193



121

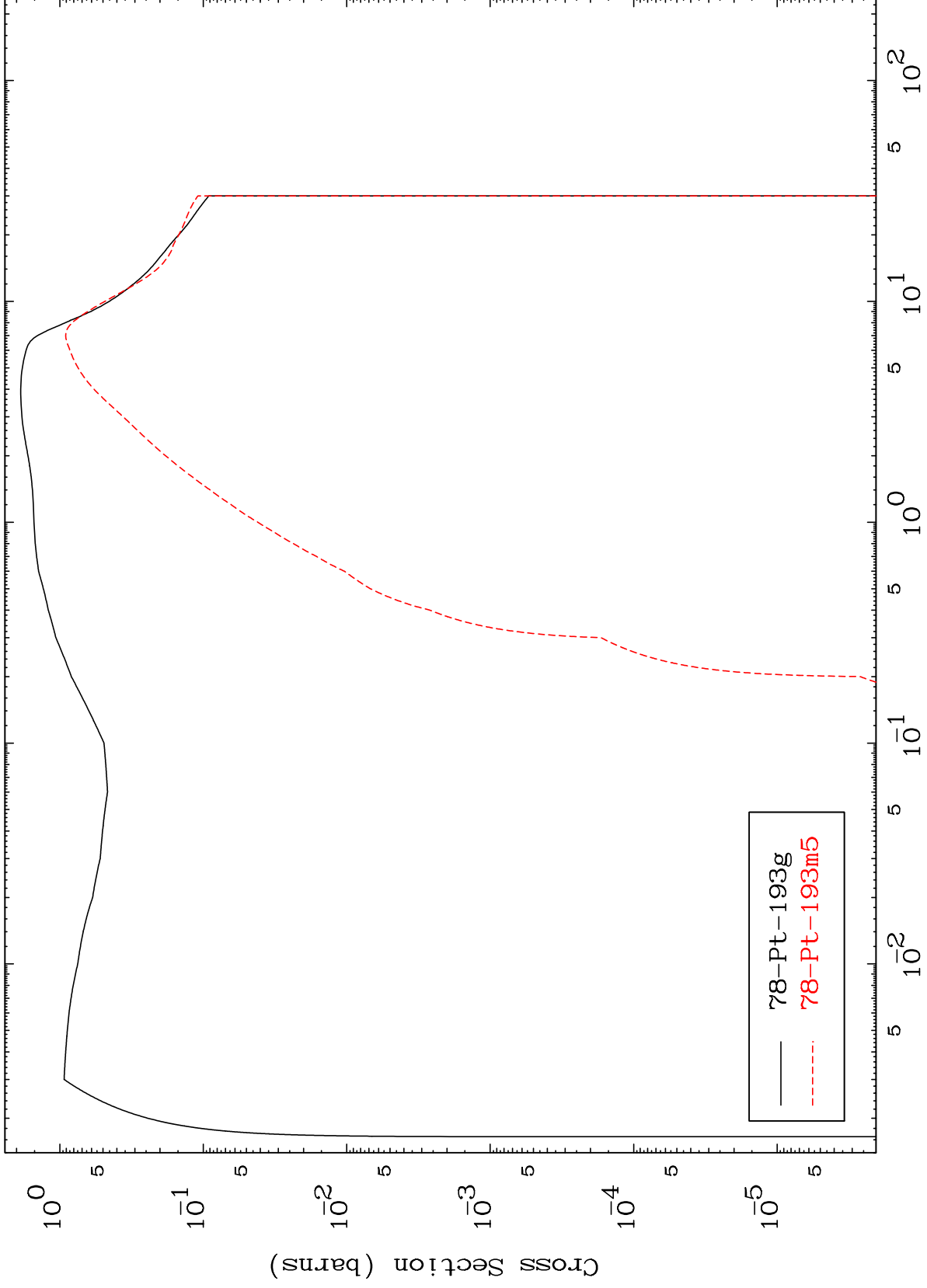
Incident Energy (MeV)

78-Pt-193

MAT 7834

78-Pt-193

Inelastic
Radionuclide Production Cross Section

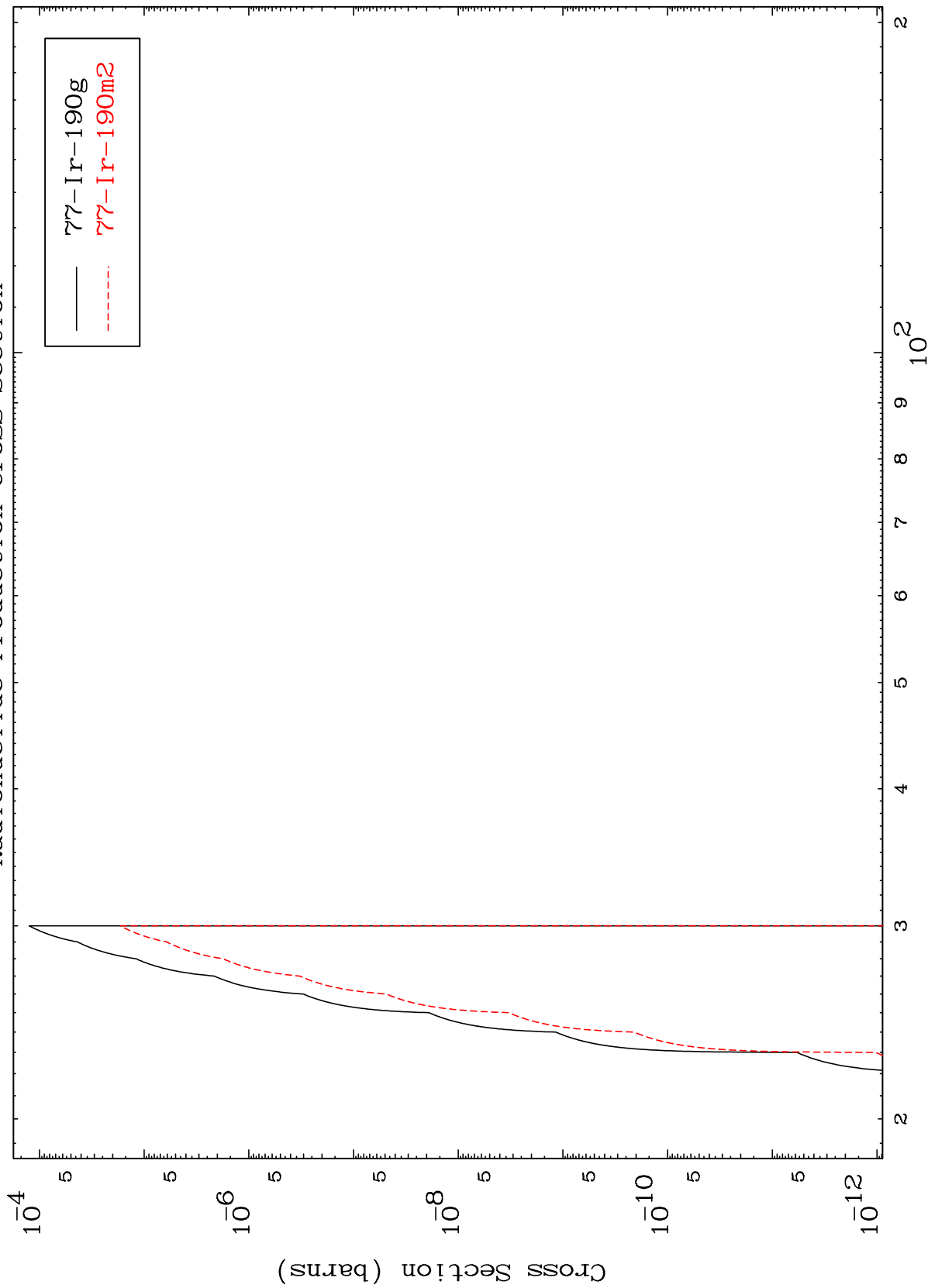


MAT 7834

(n,2n) d

78-Pt-193

Radionuclide Production Cross Section



77-Ir-190g
77-Ir-190m2

124

Incident Energy (MeV)

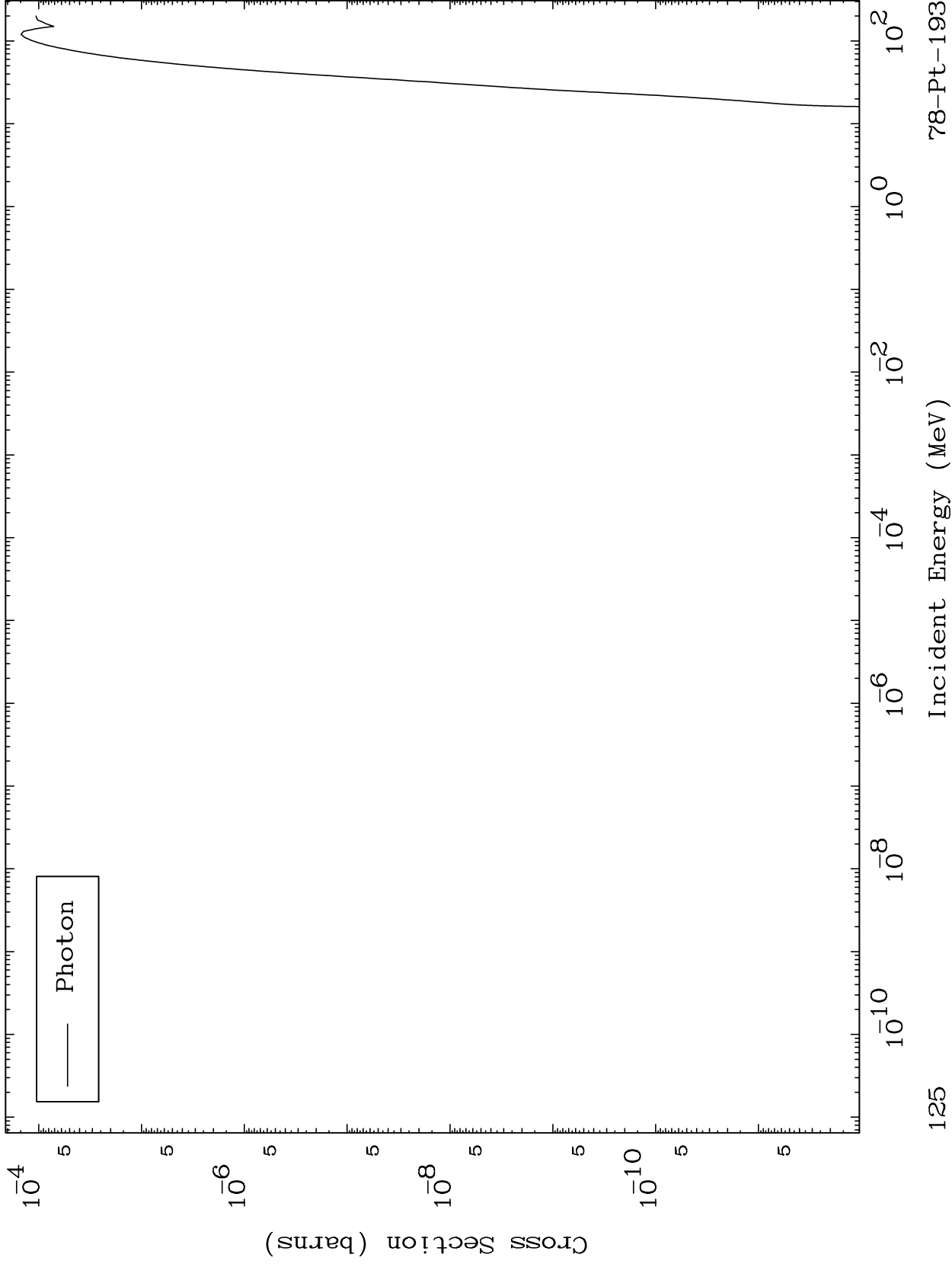
78-Pt-193

MAT 7834

Fission

78-Pt-193

Radionuclide Production Cross Section



125

Incident Energy (MeV)

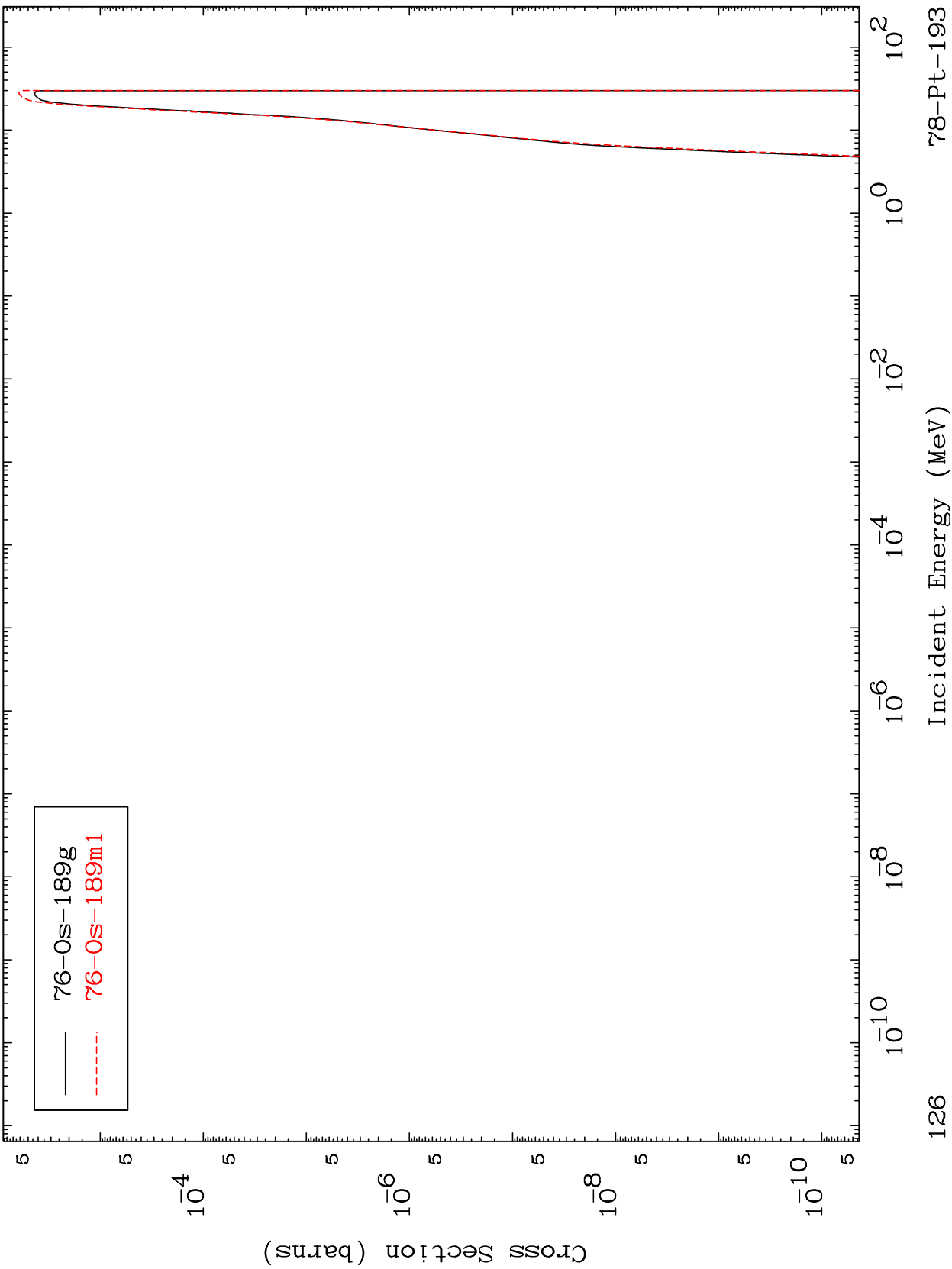
78-Pt-193

MAT 7834

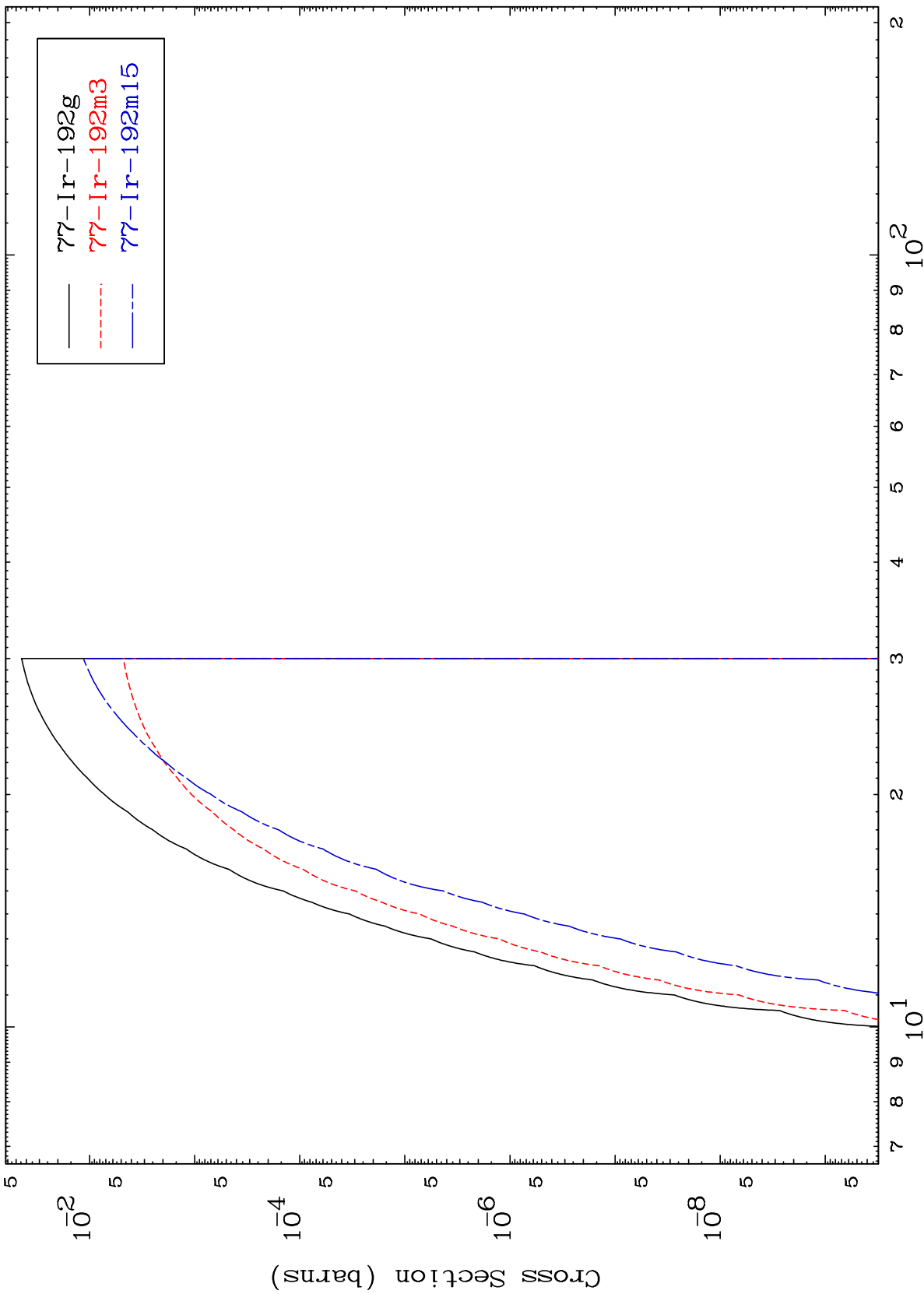
$(n, n') \alpha$

78-Pt-193

Radionuclide Production Cross Section



Radionuclide Production Cross Section

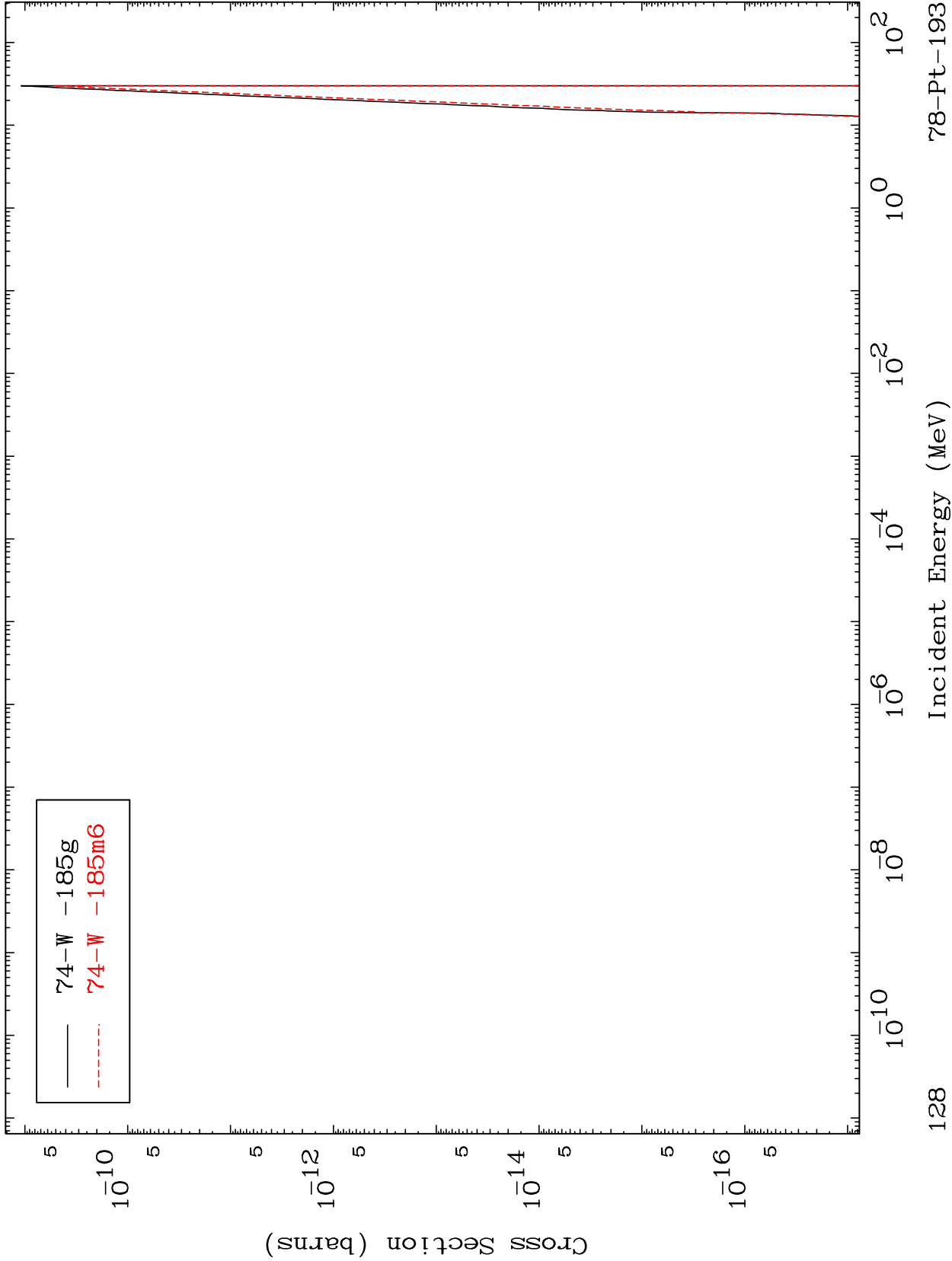


MAT 7834

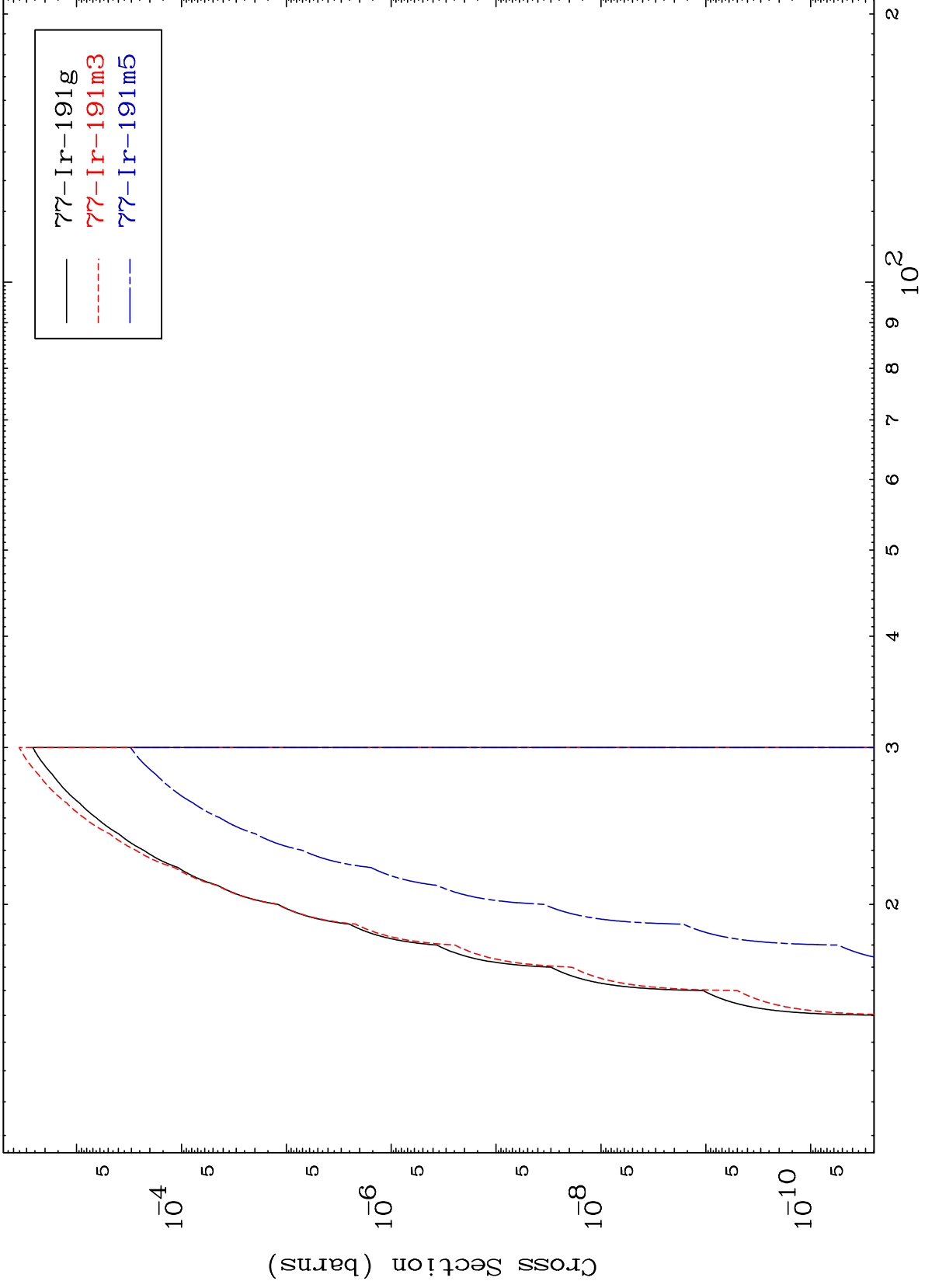
(n,n') 2α

78-Pt-193

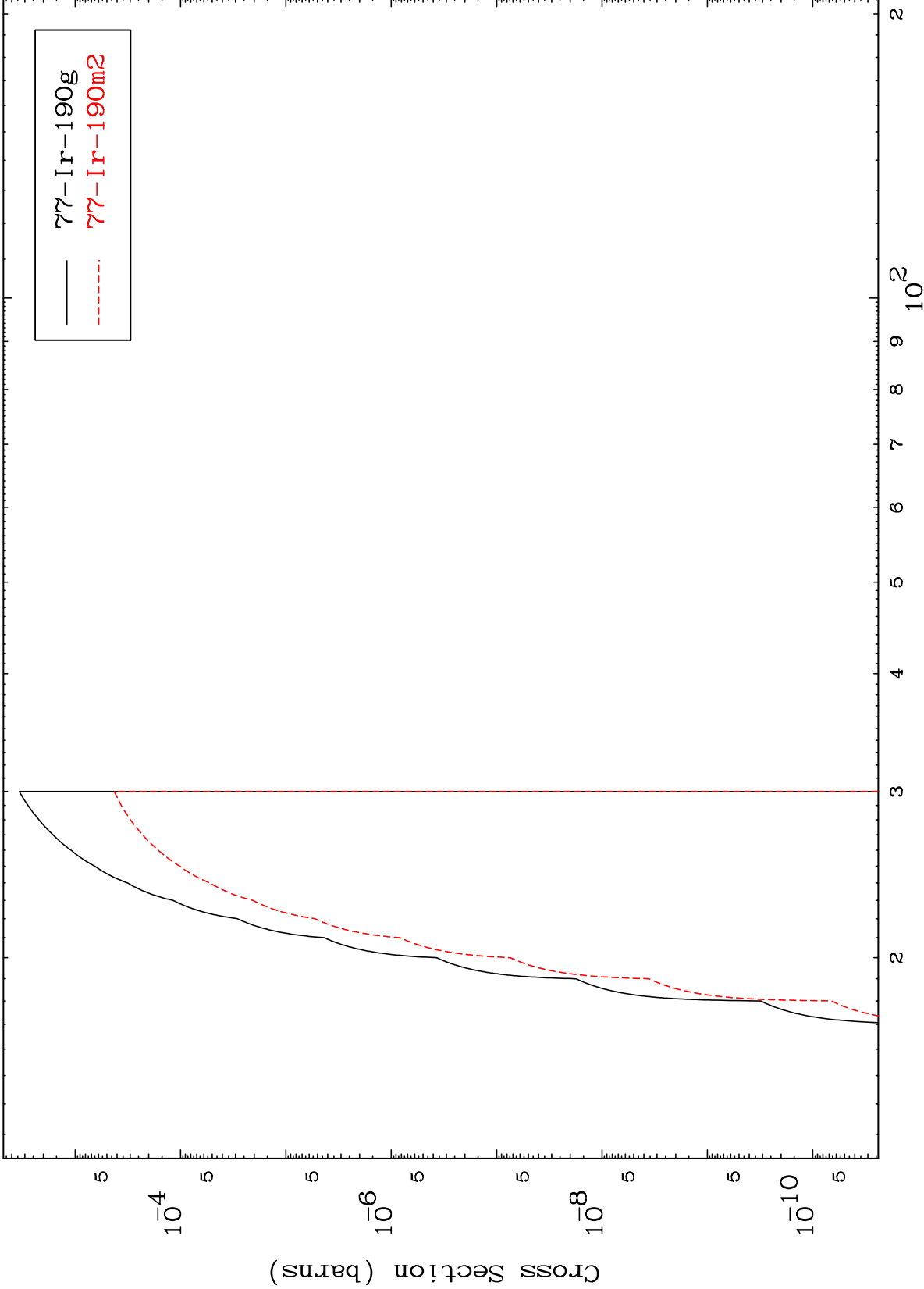
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

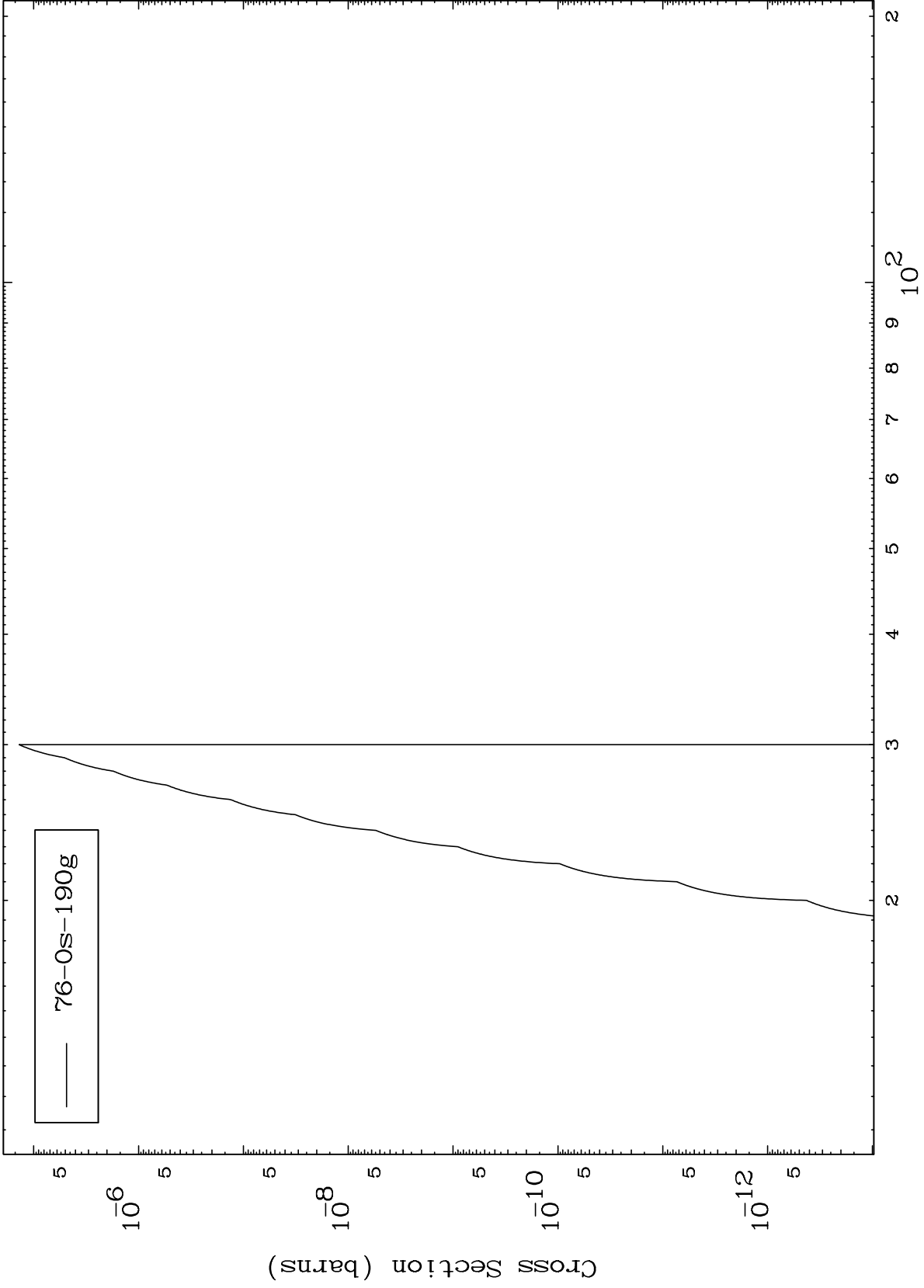


MAT 7834

(n,n') He-3

78-Pt-193

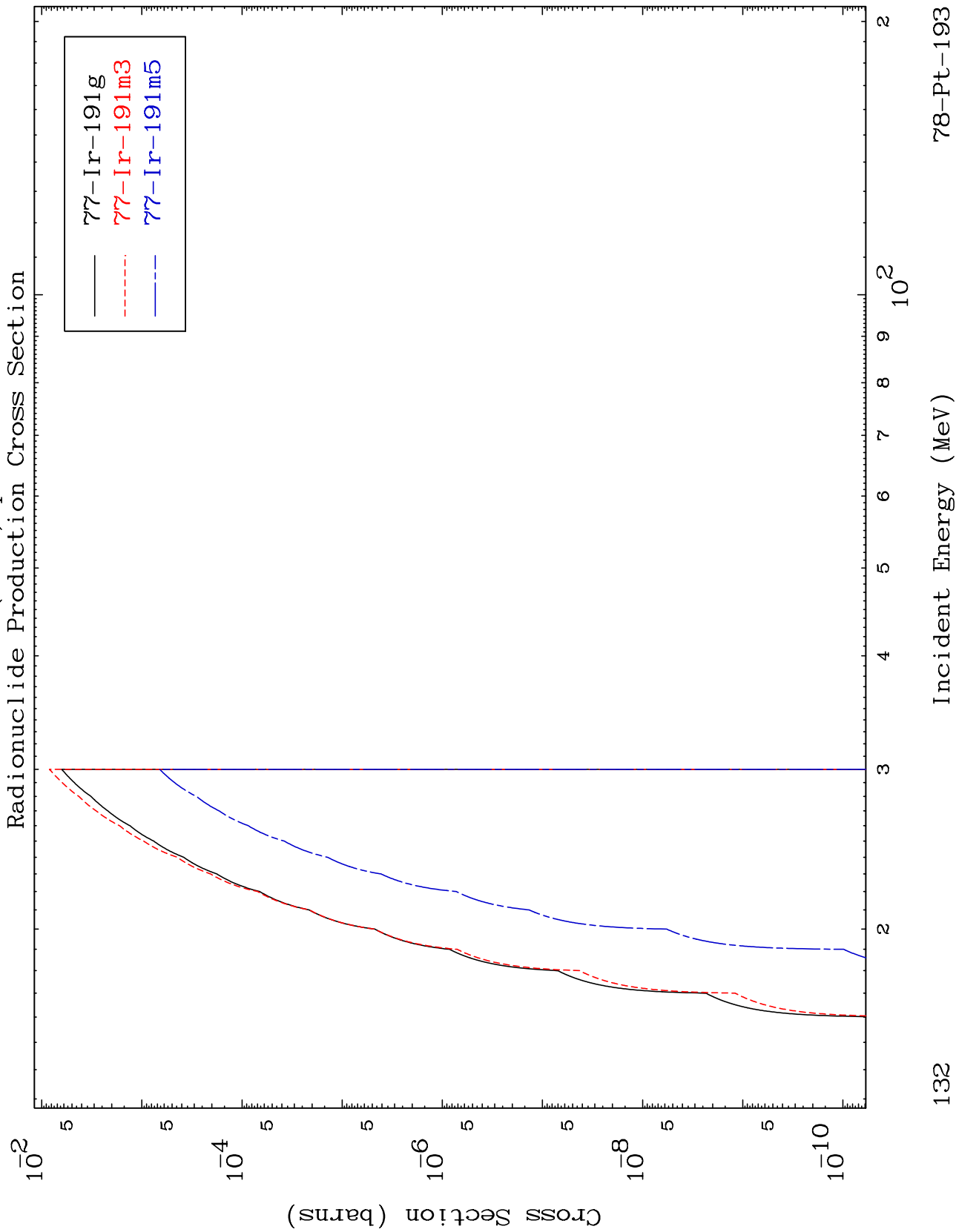
Radionuclide Production Cross Section



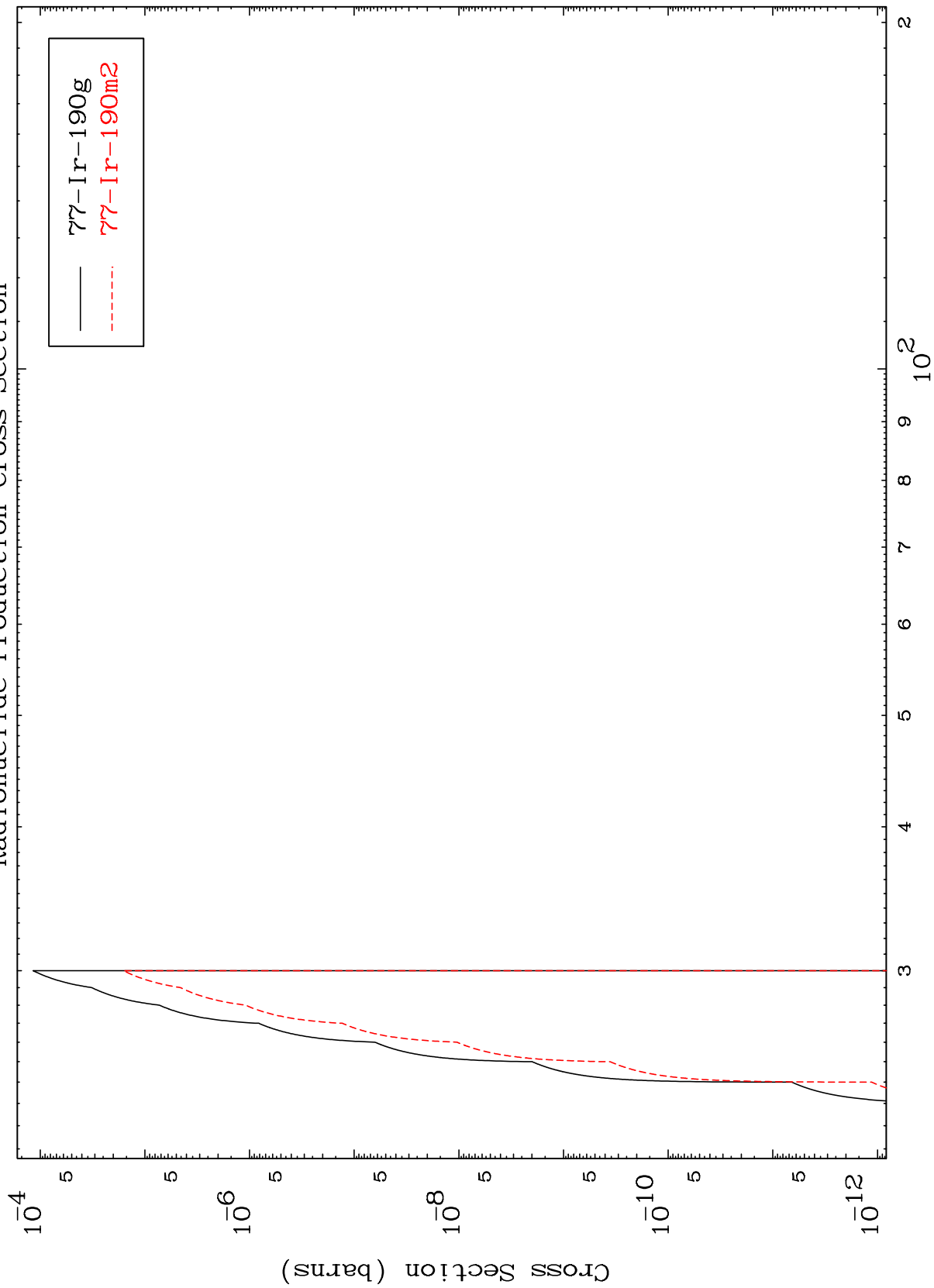
131

Incident Energy (MeV)

78-Pt-193



Radionuclide Production Cross Section

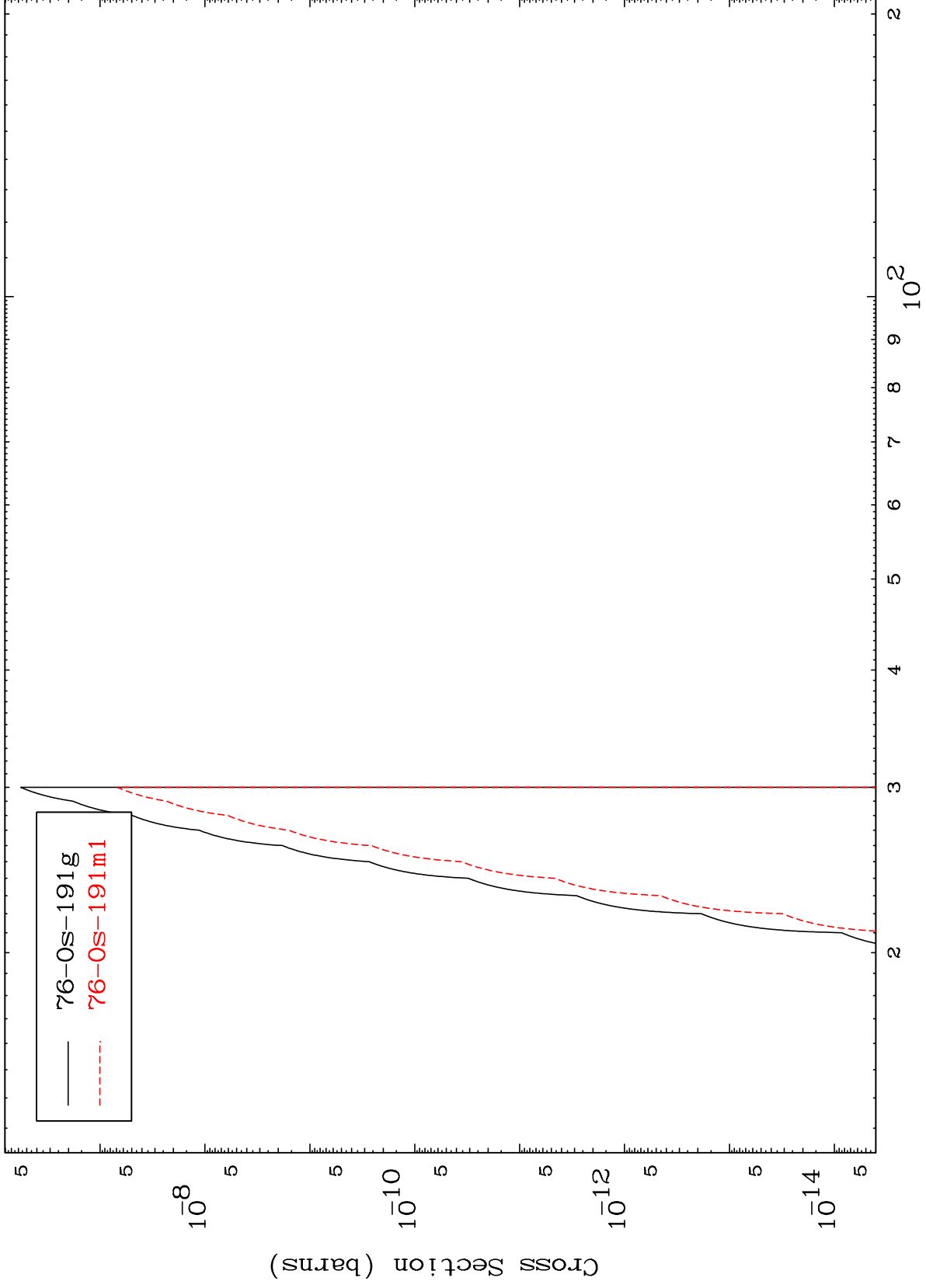


MAT 7834

(n,2n) p

78-Pt-193

Radionuclide Production Cross Section



134

Incident Energy (MeV)

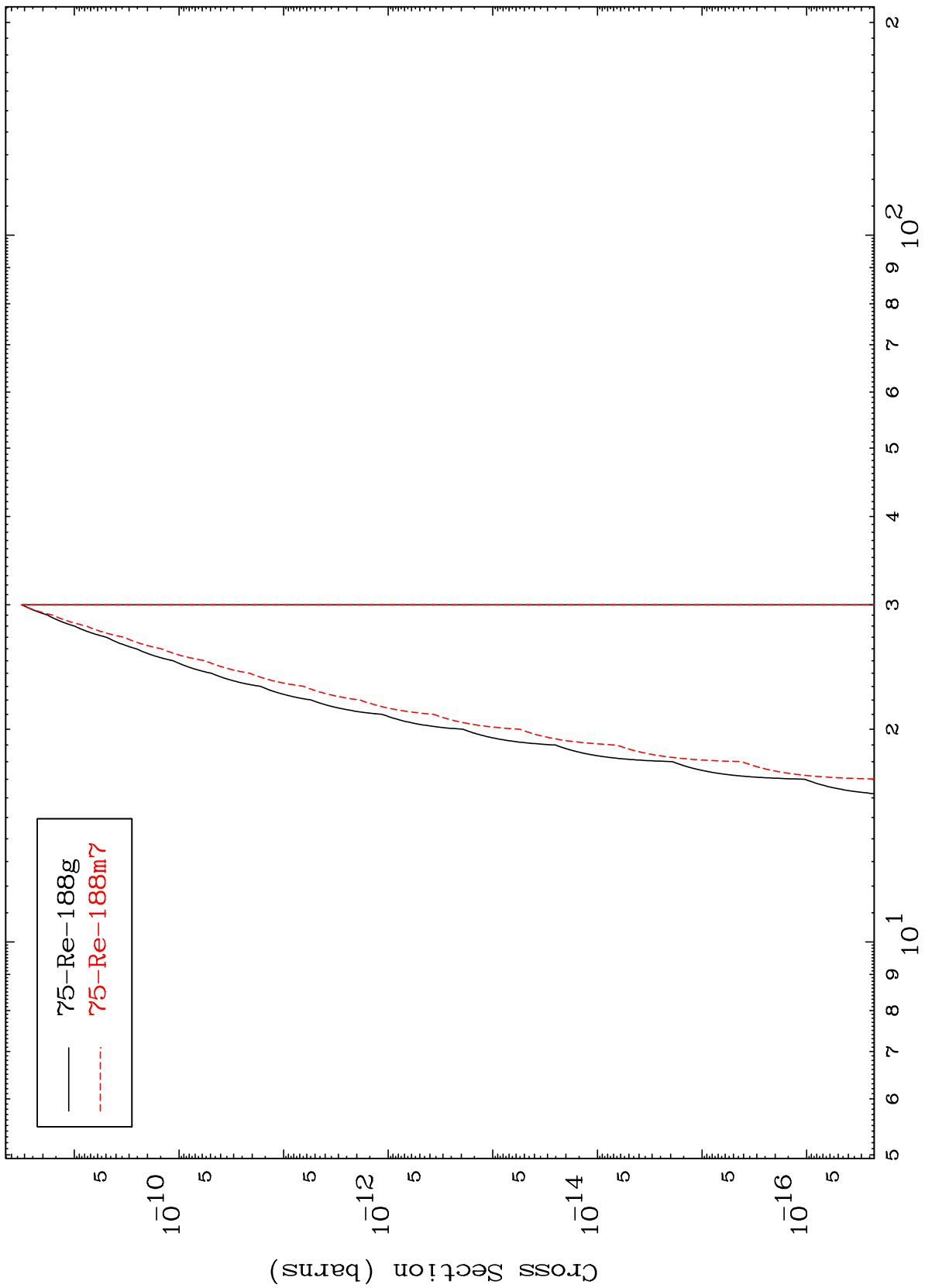
78-Pt-193

MAT 7834

(n,n') p α

78-Pt-193

Radionuclide Production Cross Section



75-Re-188g
75-Re-188m7

135

Incident Energy (MeV)

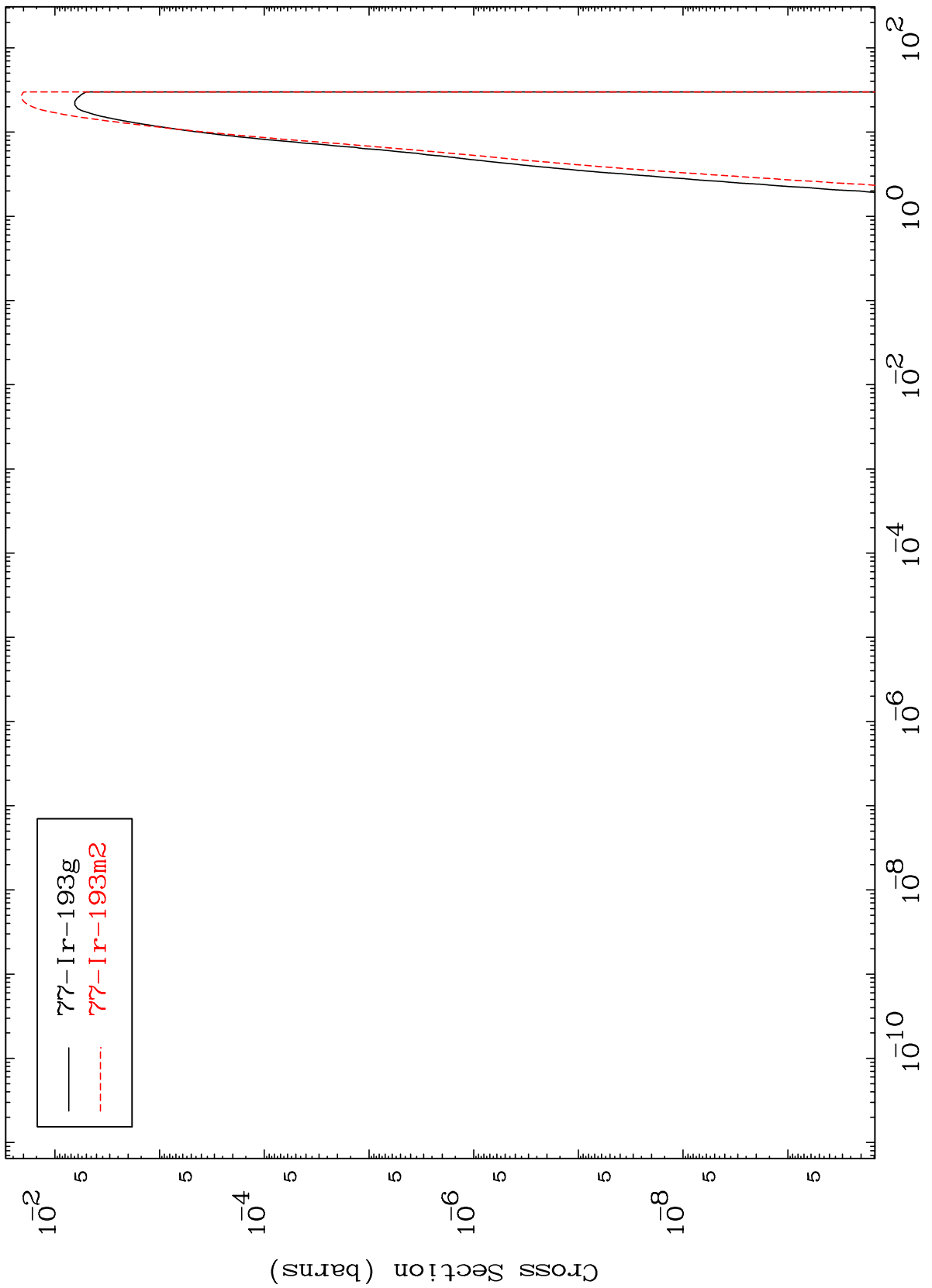
78-Pt-193

MAT 7834

(n,p)

78-Pt-193

Radionuclide Production Cross Section

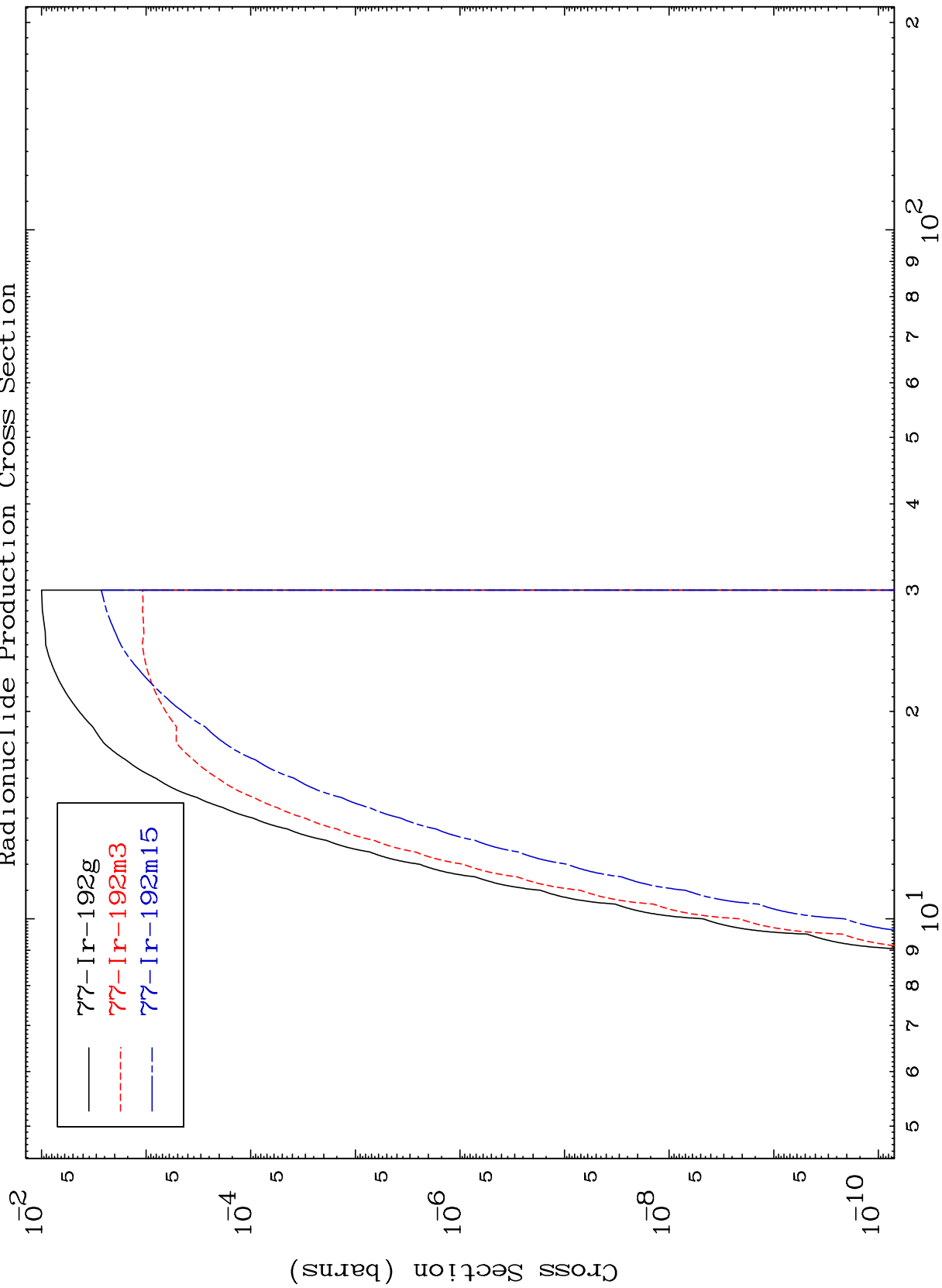


MAT 7834

(n,d)

78-Pt-193

Radionuclide Production Cross Section

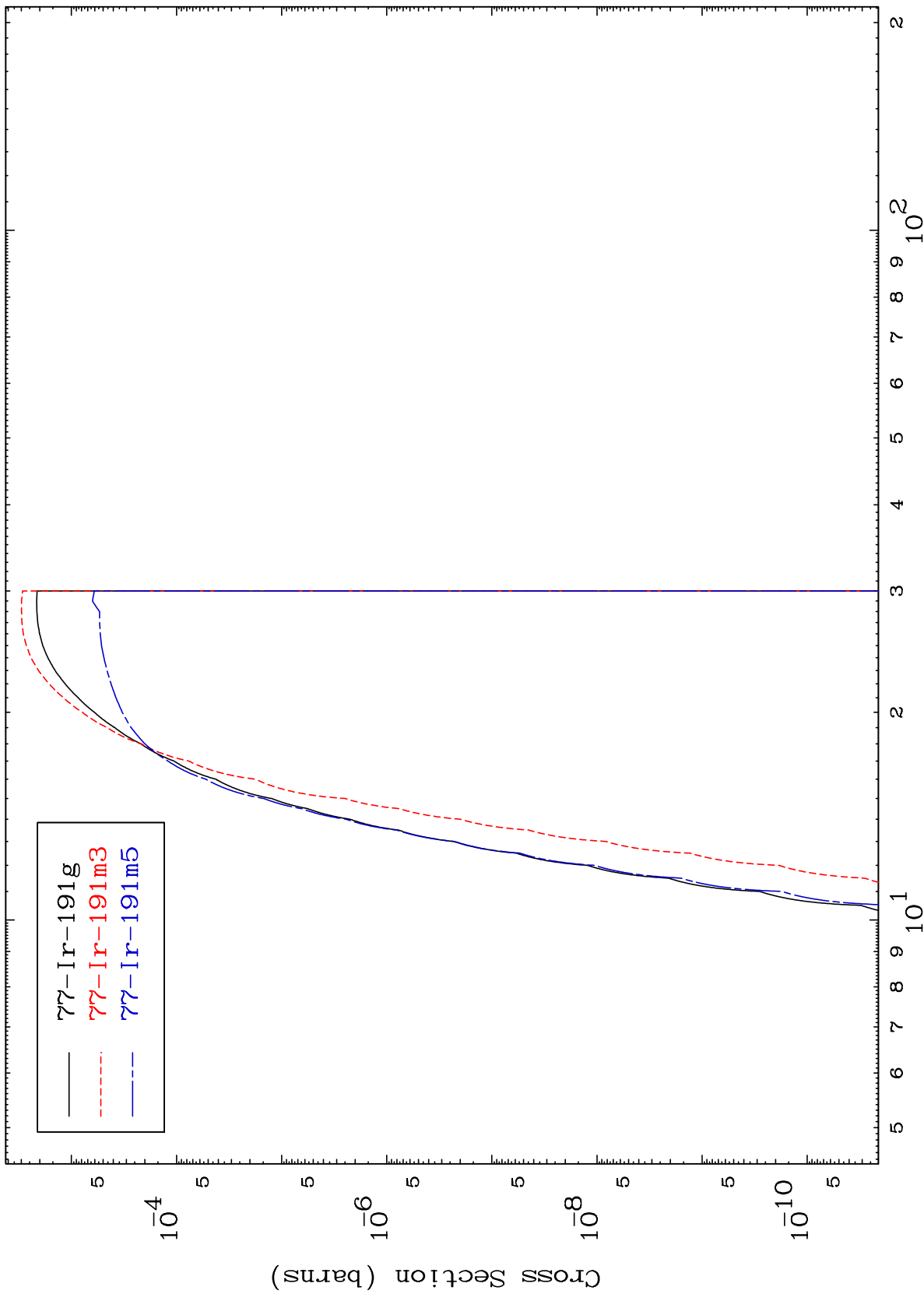


137

Incident Energy (MeV)

78-Pt-193

(n, t)
Radionuclide Production Cross Section

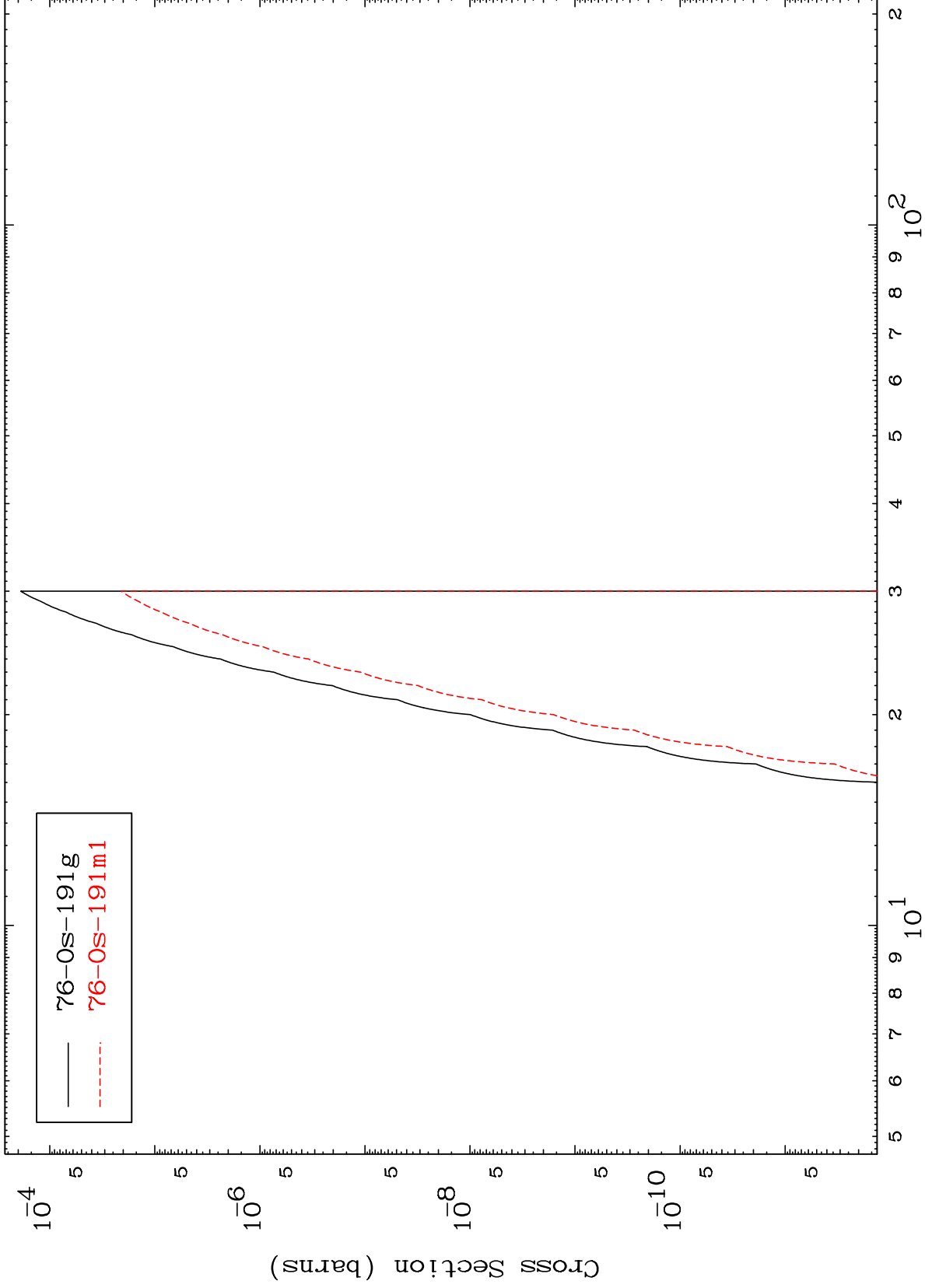


MAT 7834

(n,He-3)

78-Pt-193

Radionuclide Production Cross Section



139

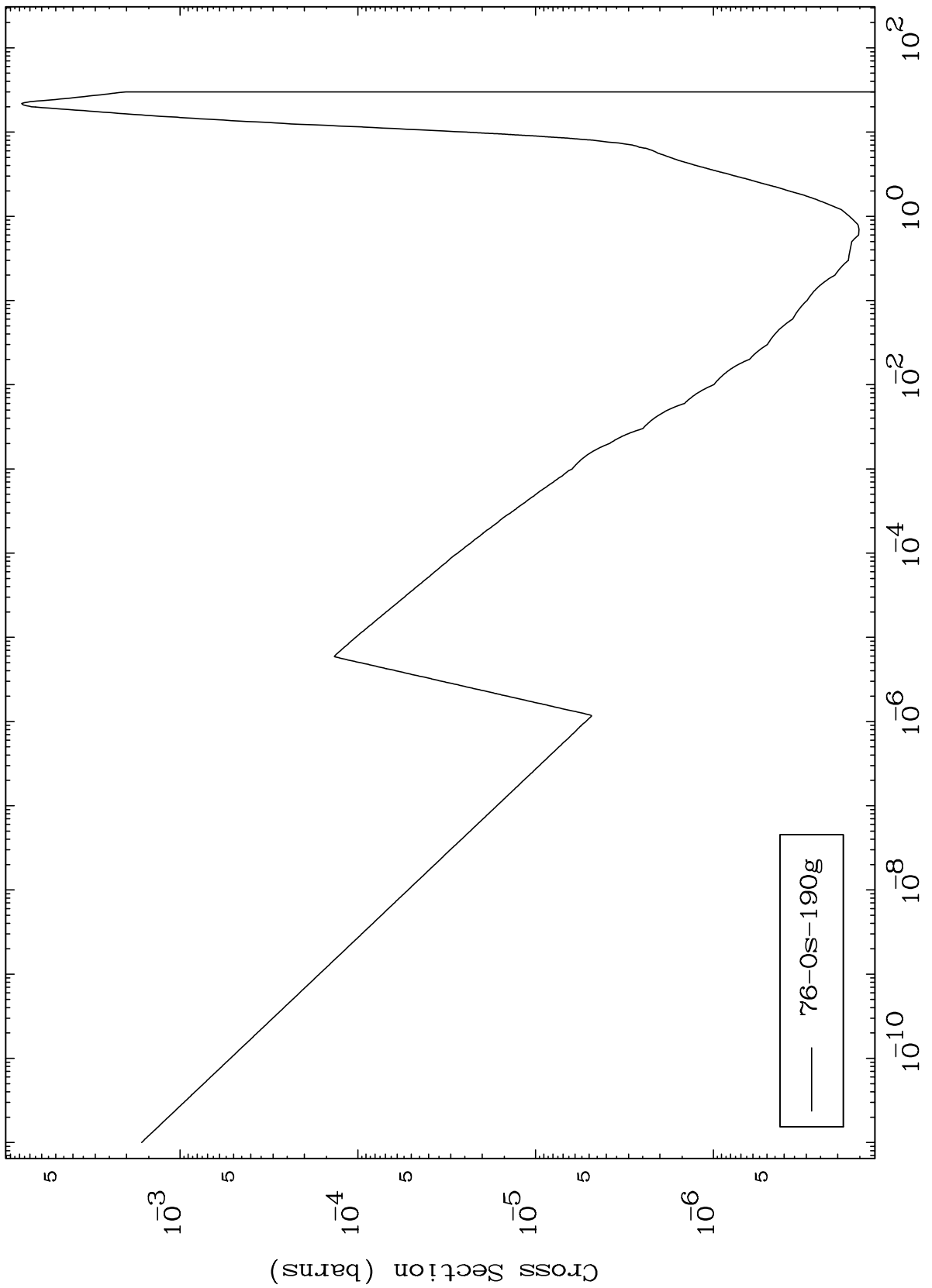
Incident Energy (MeV)

78-Pt-193

MAT 7834

78-Pt-193

(n, α)
Radionuclide Production Cross Section



78-Pt-193

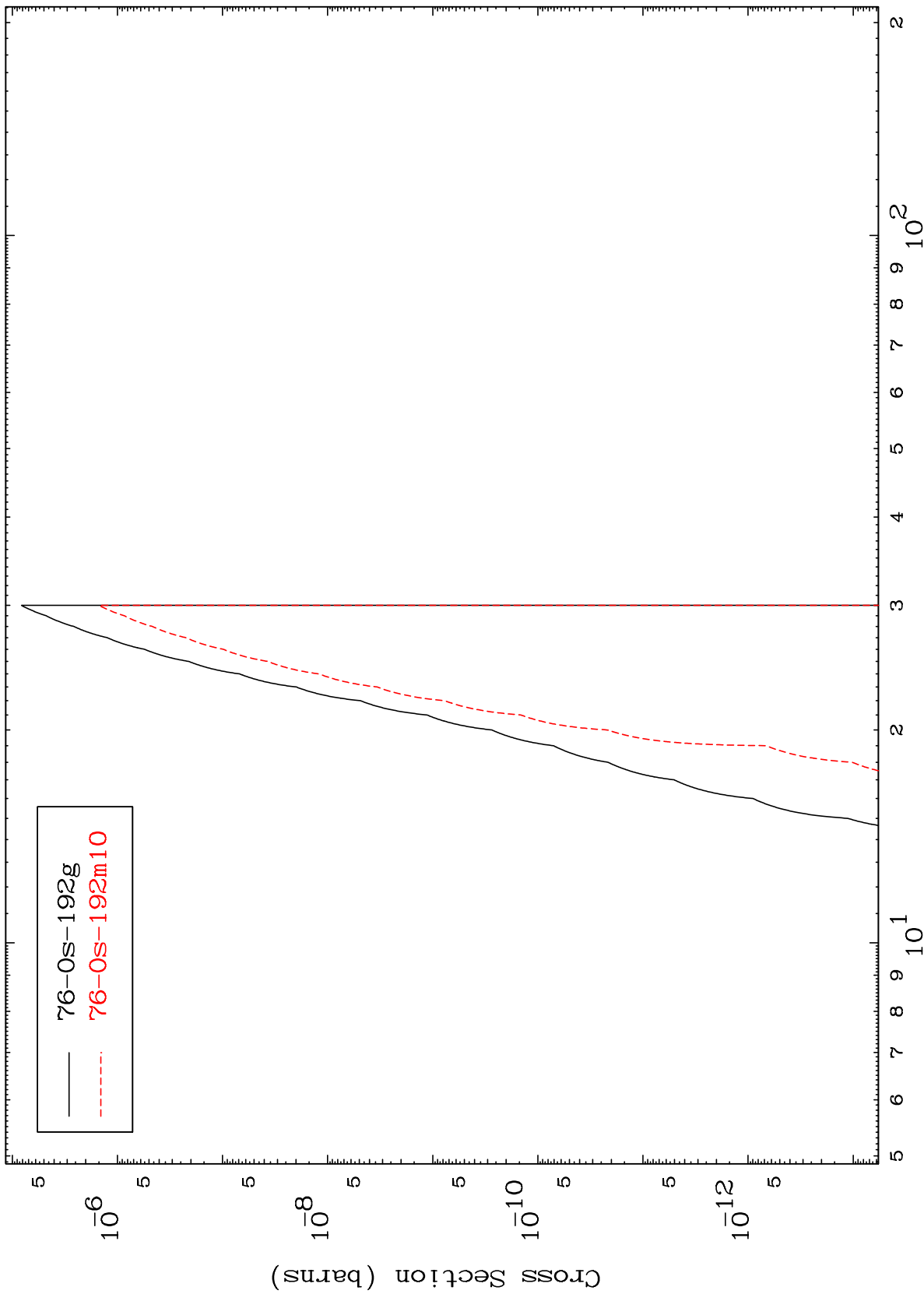
Incident Energy (MeV)

140

MAT 7834

78-Pt-193

(n,2p)
Radionuclide Production Cross Section

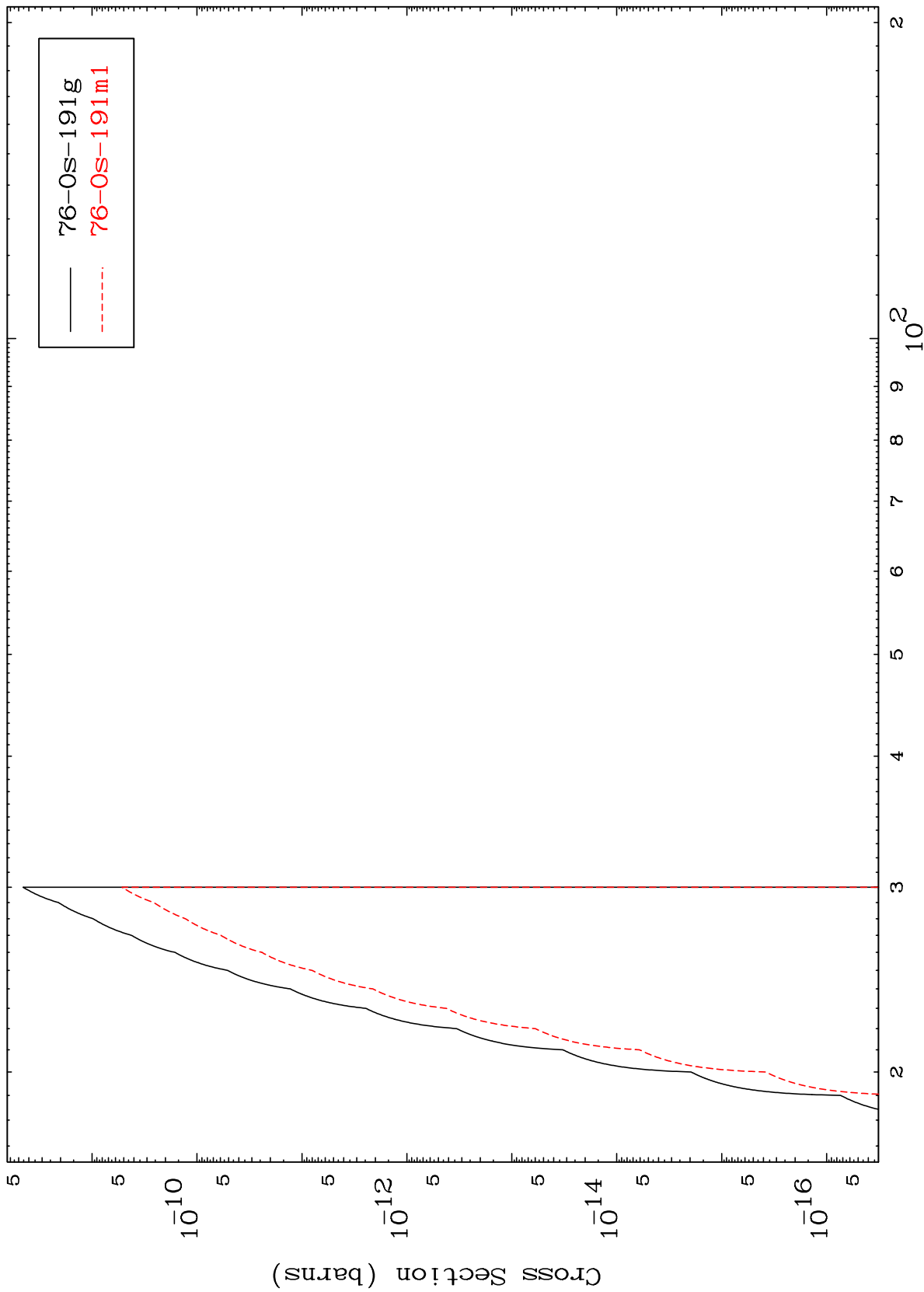


141

78-Pt-193

Incident Energy (MeV)

Radionuclide Production Cross Section

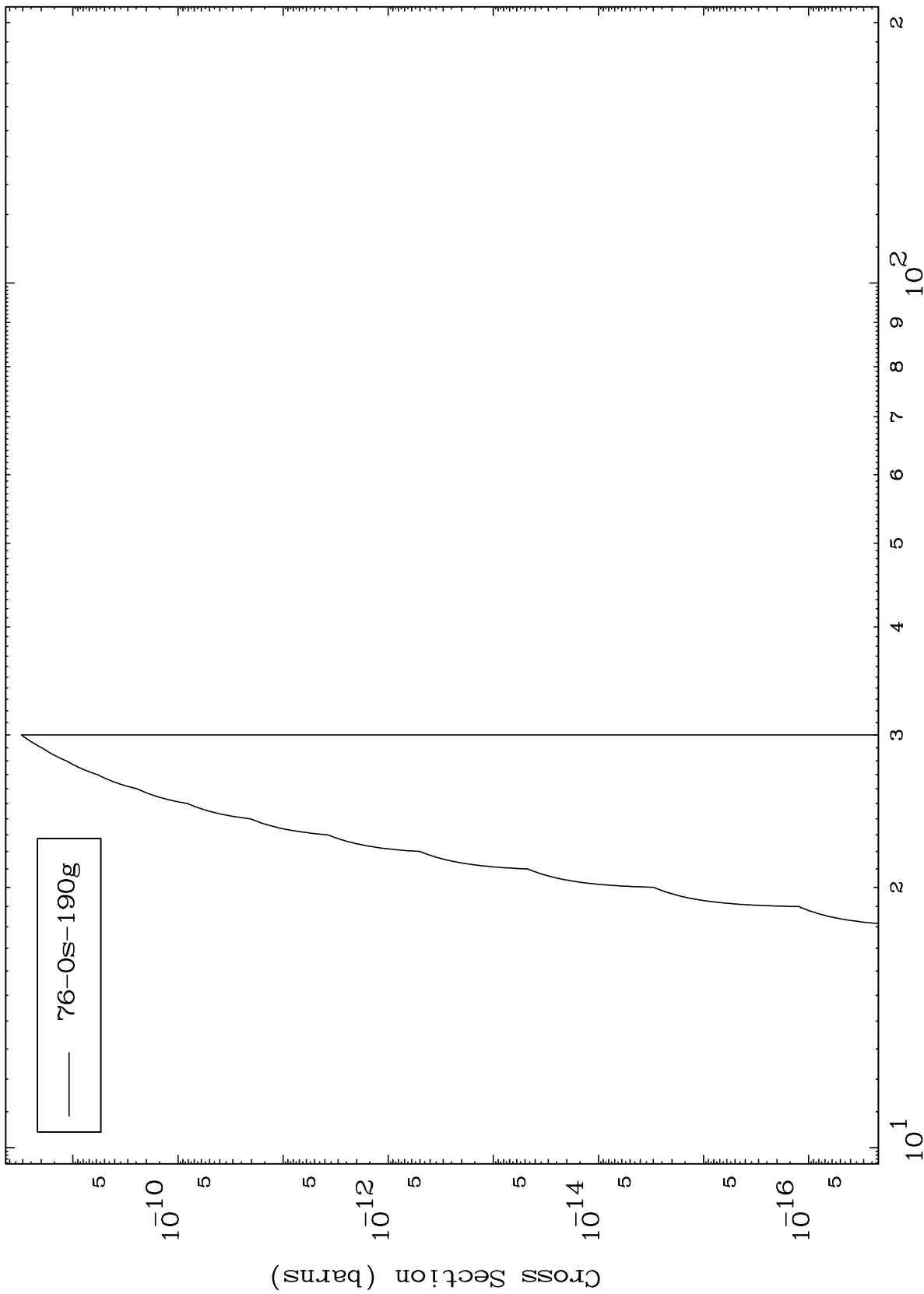


MAT 7834

(n,p) t

78-Pt-193

Radionuclide Production Cross Section



143

Incident Energy (MeV)

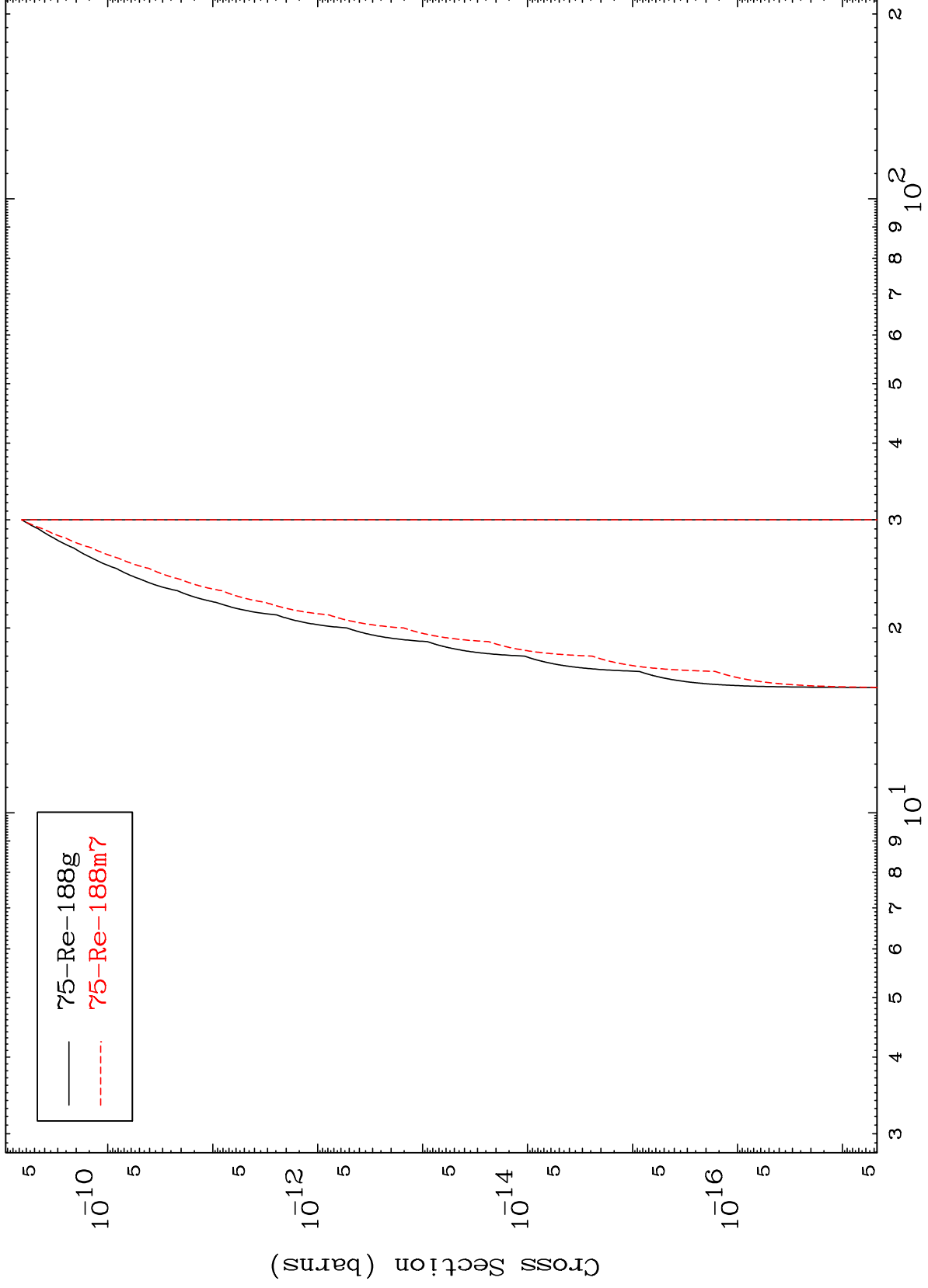
78-Pt-193

MAT 7834

(n,d) α

78-Pt-193

Radionuclide Production Cross Section



144

Incident Energy (MeV)

78-Pt-193