

Program EVALPLOT  
(Version 2021-1)

by

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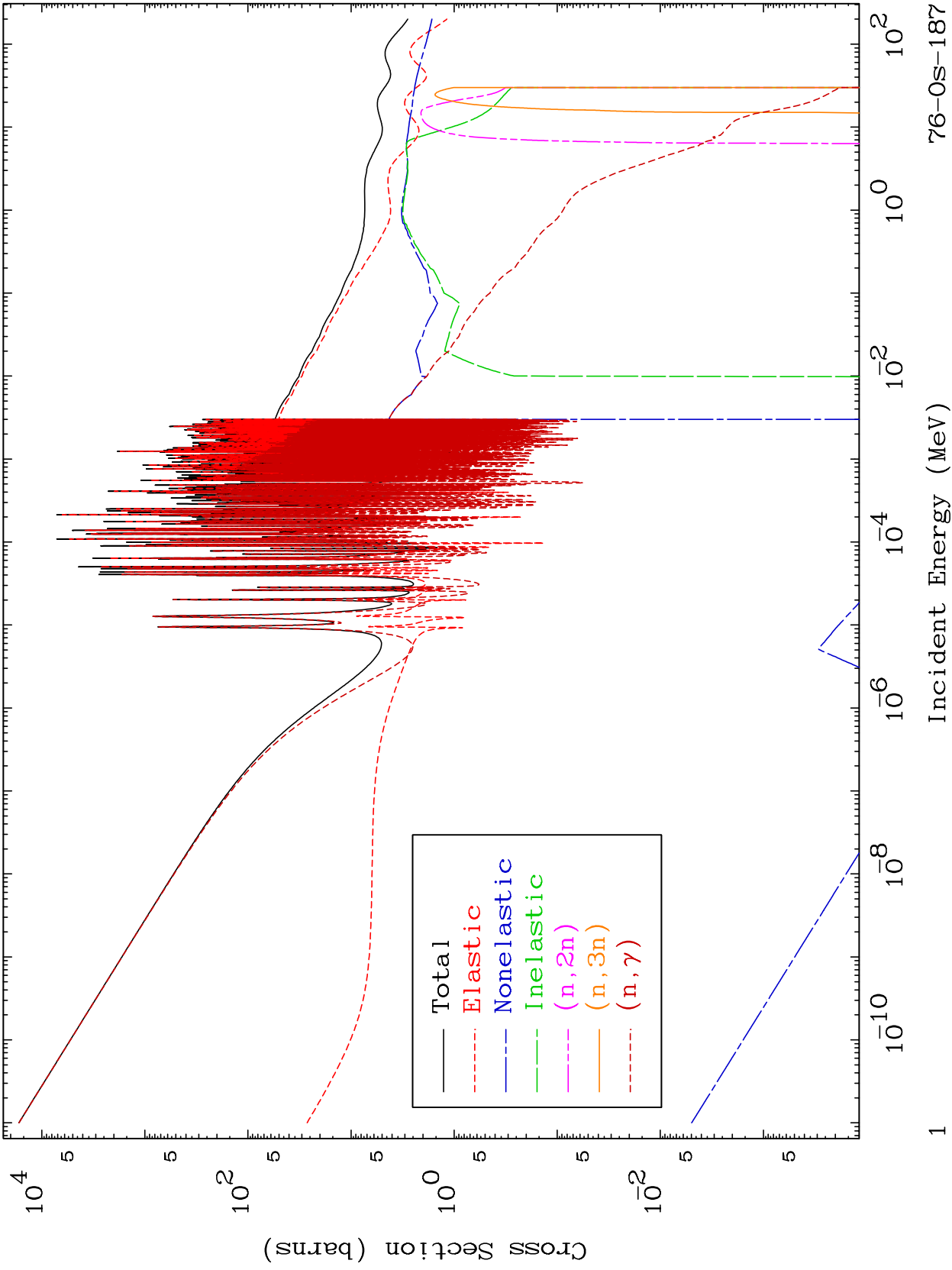
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7634

Neutron Major  
293 Kelvin Cross Sections

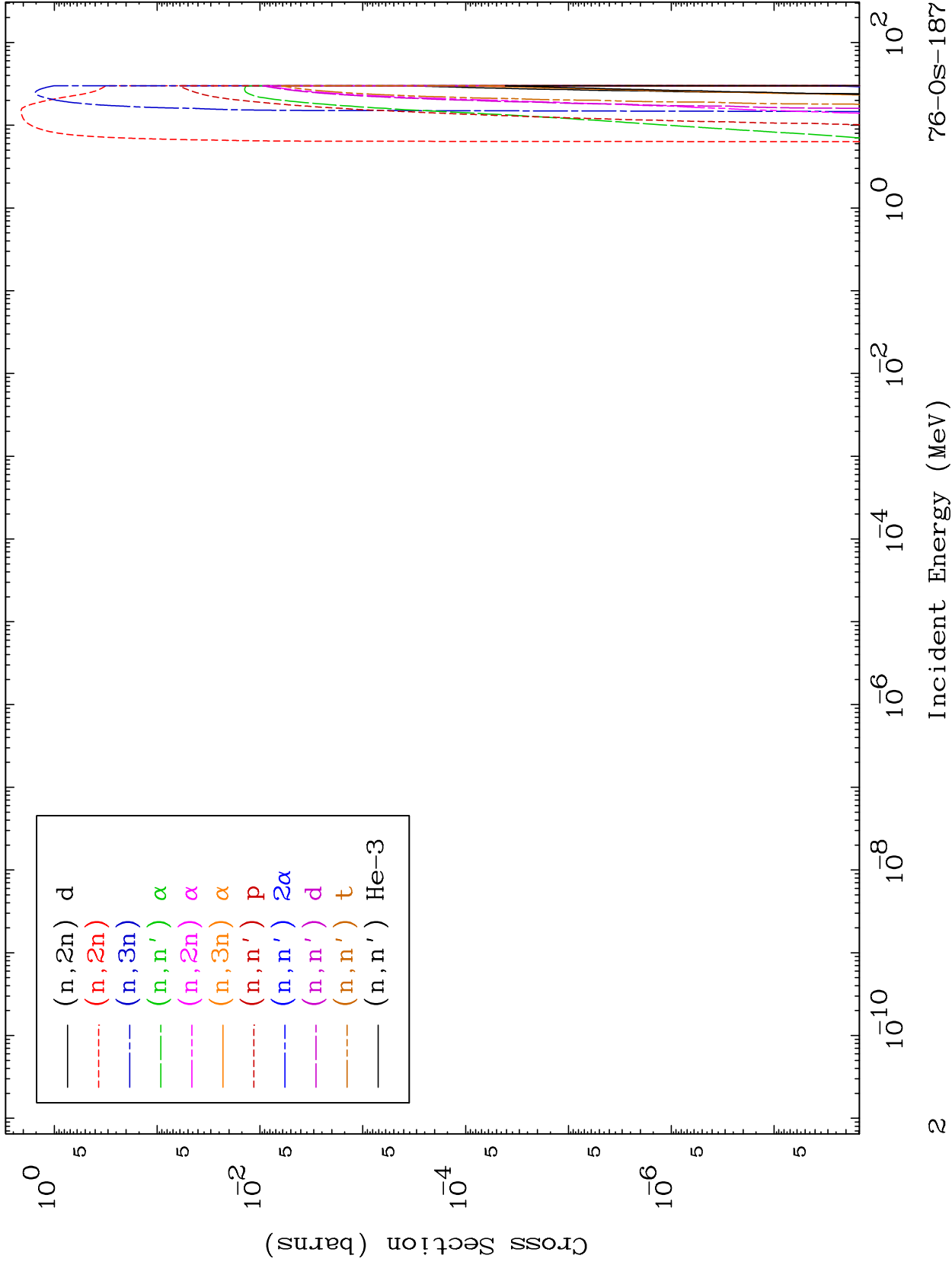
76-Os-187



MAT 7634

Neutron Absorption  
293 Kelvin Cross Sections

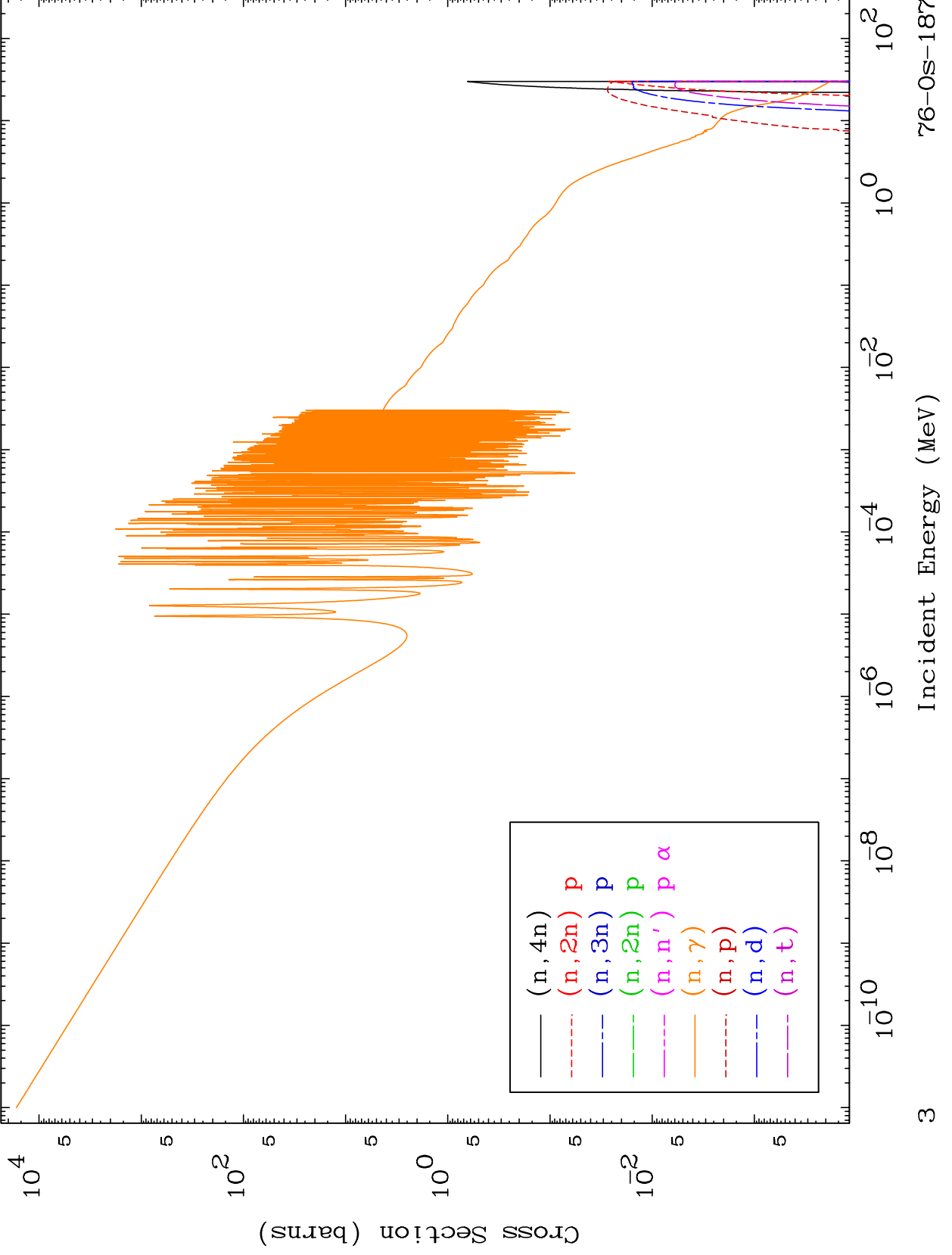
76-Os-187



MAT 7634

Neutron Absorption  
293 Kelvin Cross Sections

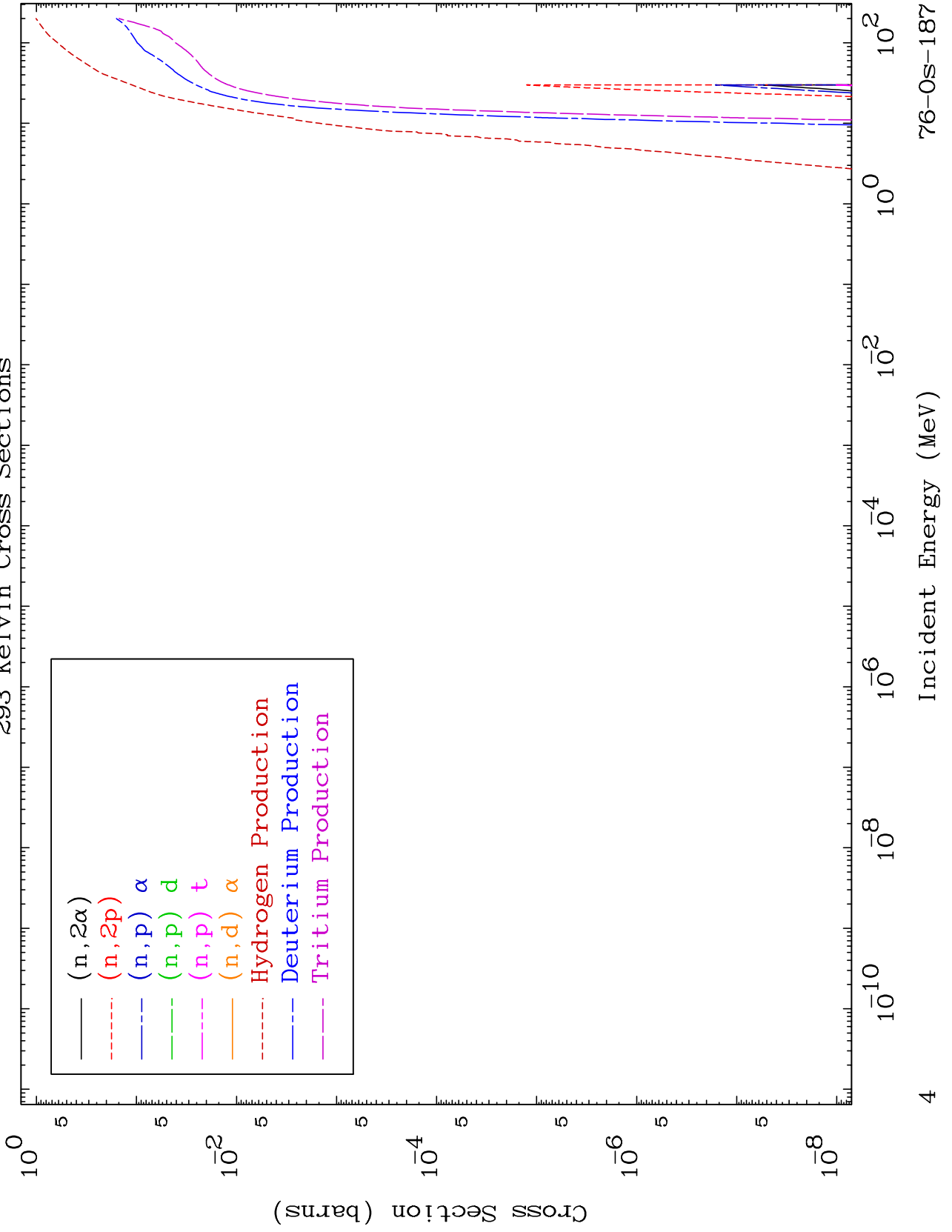
76-Os-187

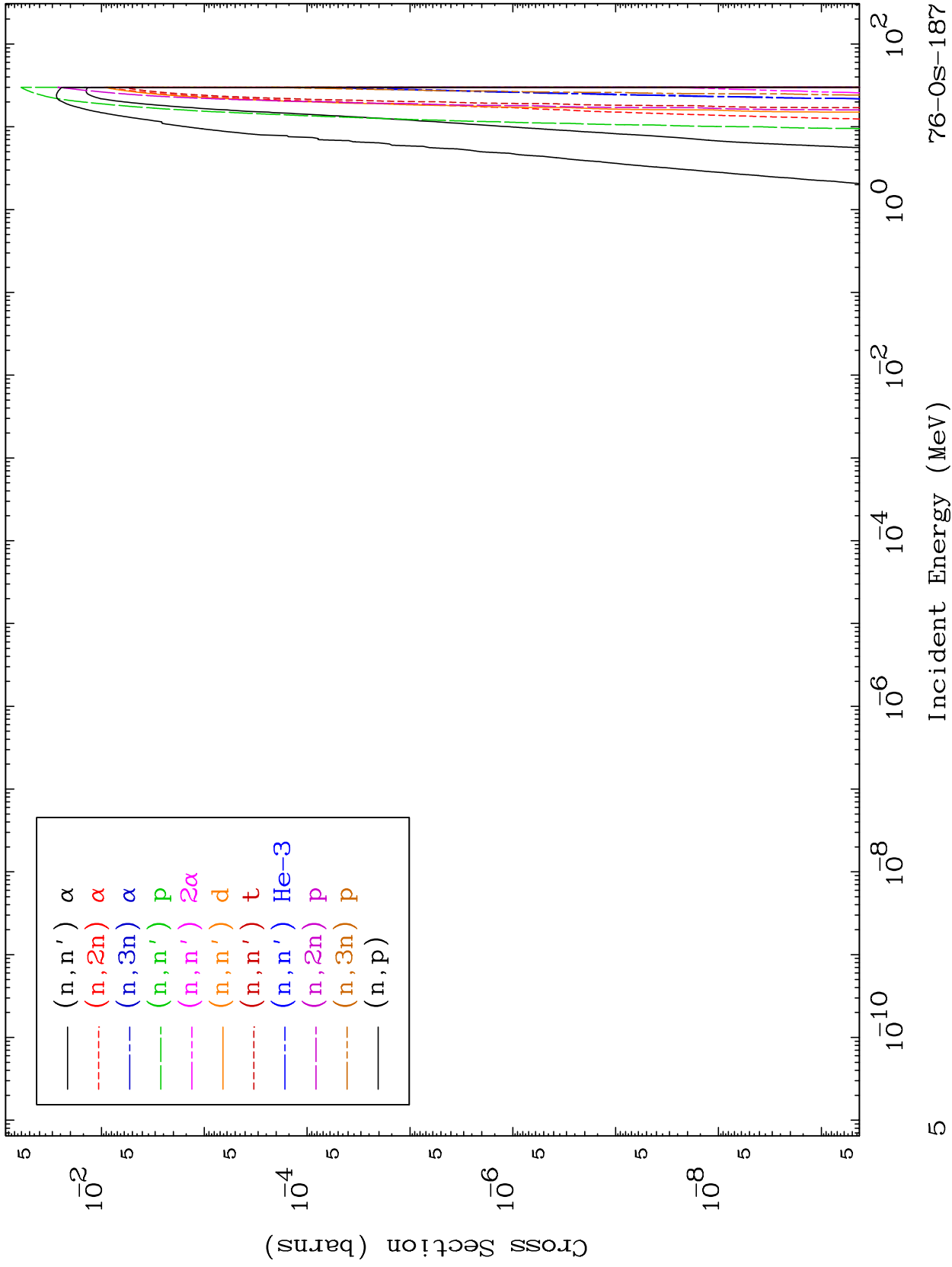


MAT 7634

Neutron Absorption  
293 Kelvin Cross Sections

76-Os-187

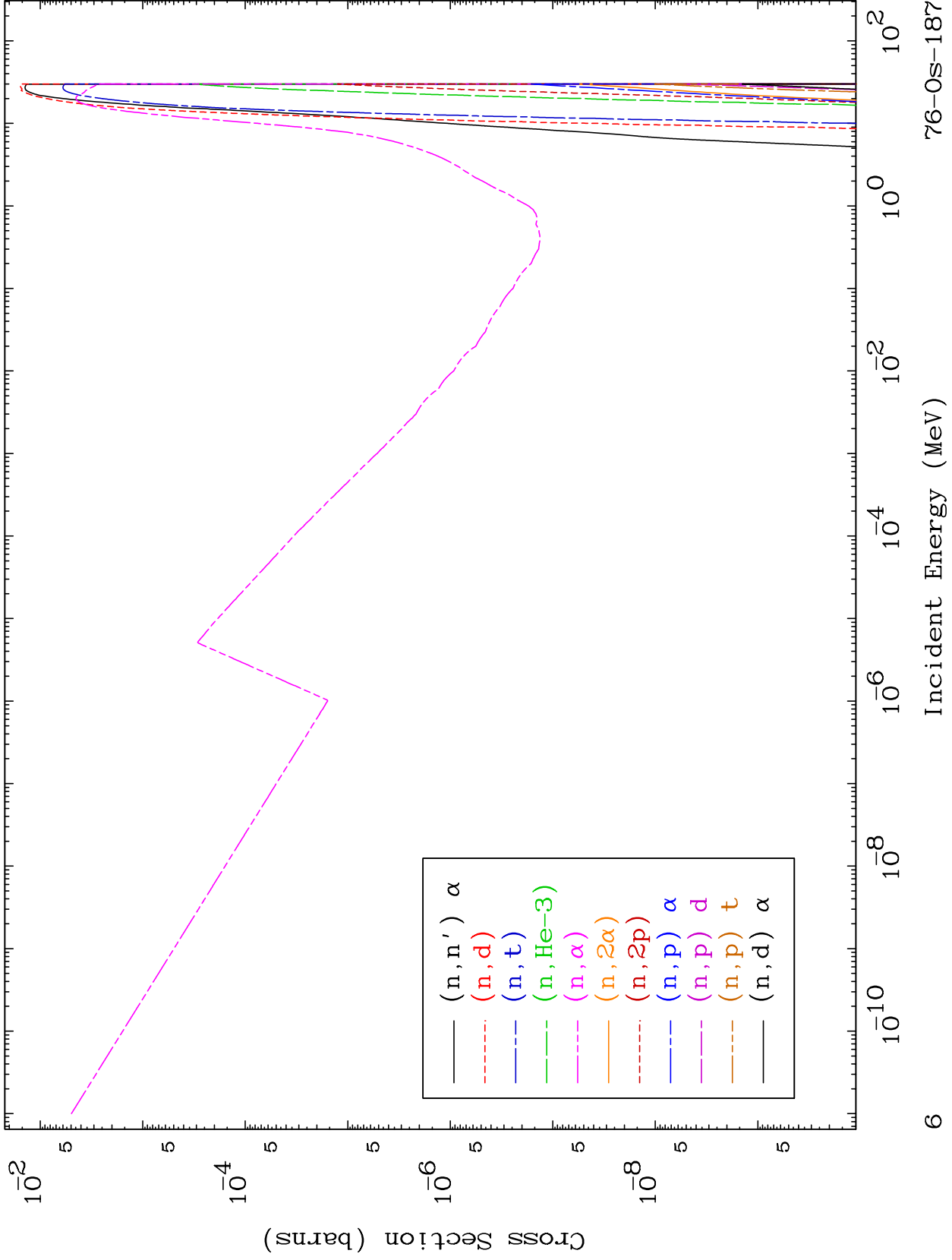




MAT 7634

Charged Particle  
293 Kelvin Cross Sections

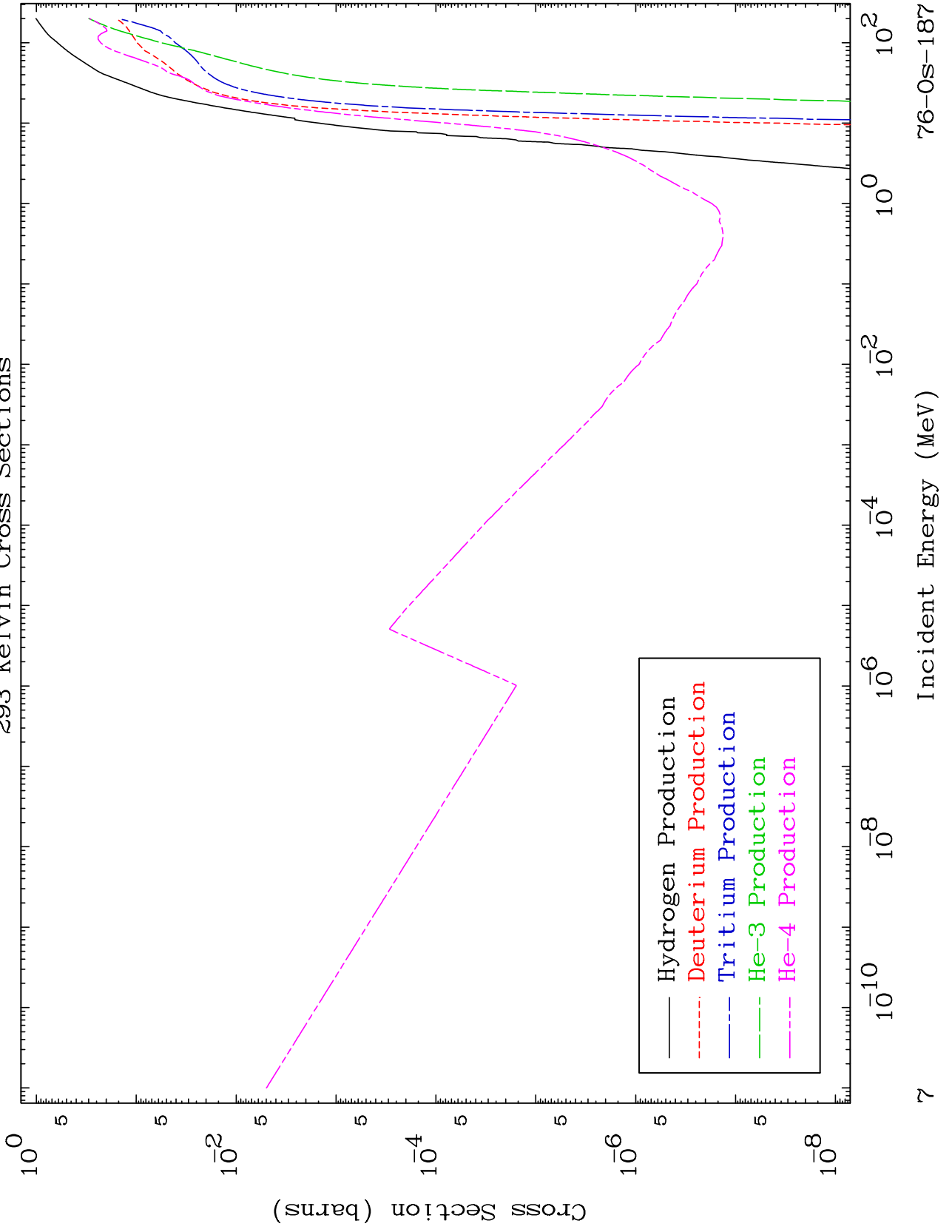
76-Os-187



MAT 7634

Particle Production  
293 Kelvin Cross Sections

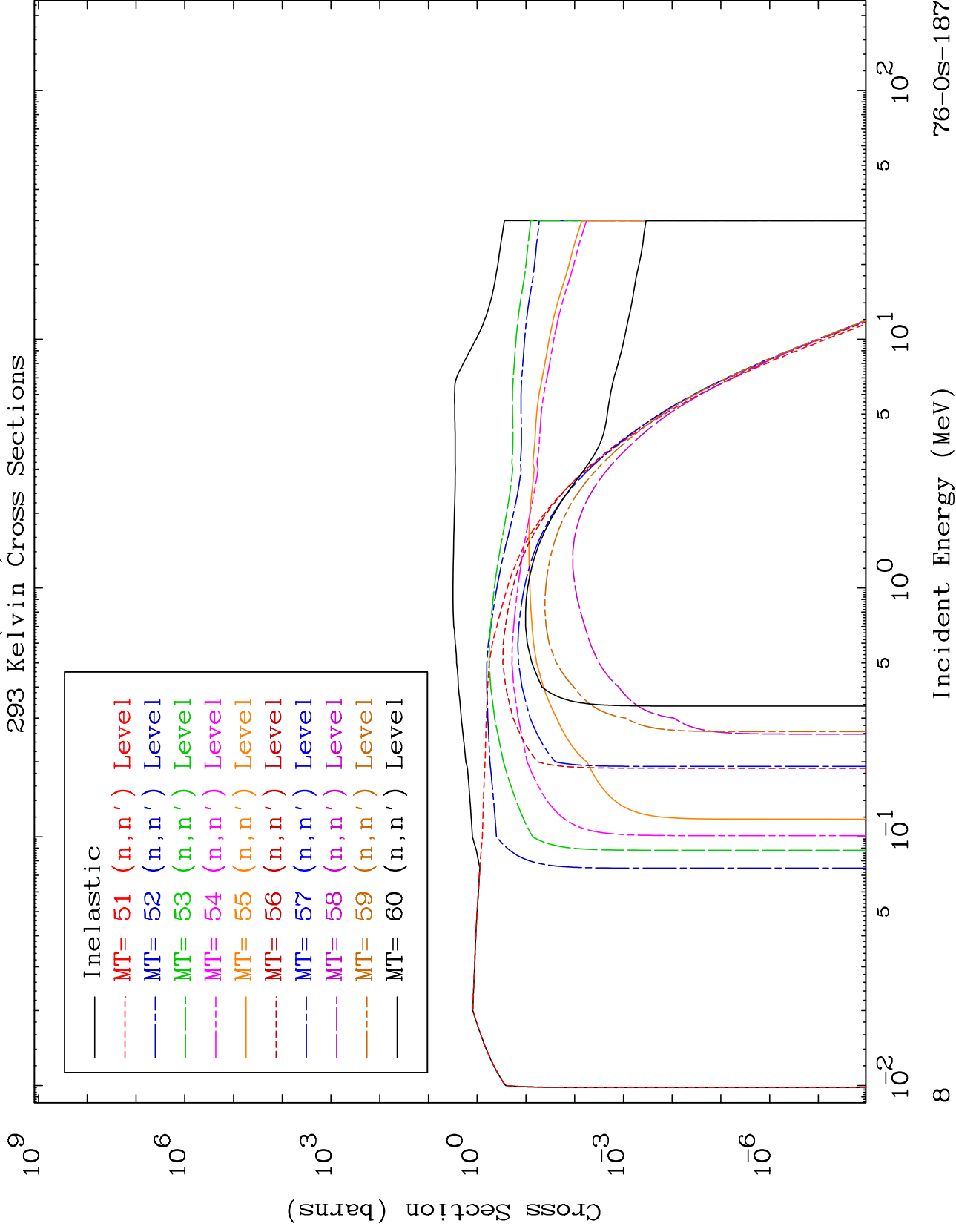
76-Os-187



MAT 7634

(n,n') Levels  
293 Kelvin Cross Sections

76-Os-187



76-Os-187

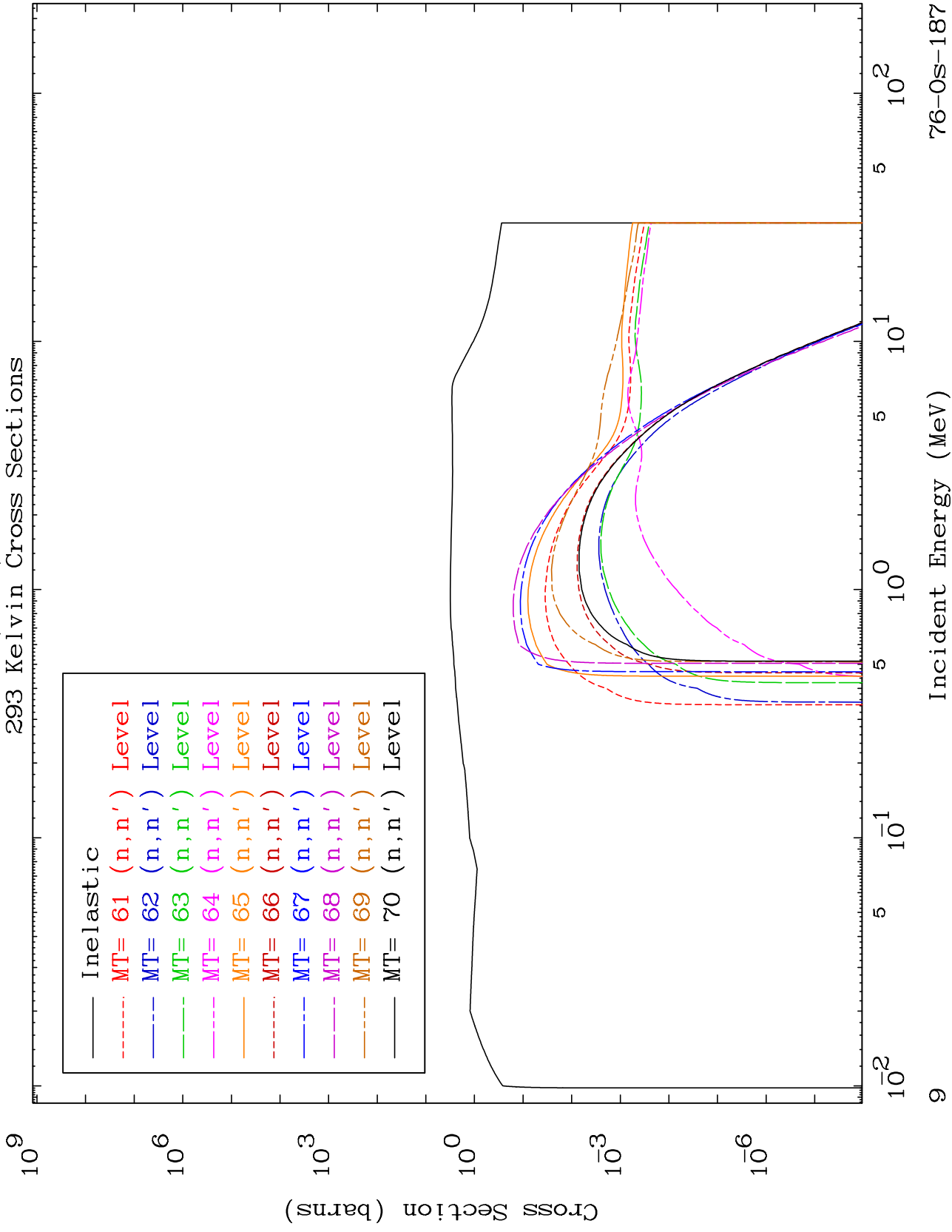
Incident Energy (MeV)

8

MAT 7634

(n,n') Levels  
293 Kelvin Cross Sections

76-Os-187



76-Os-187

Incident Energy (MeV)

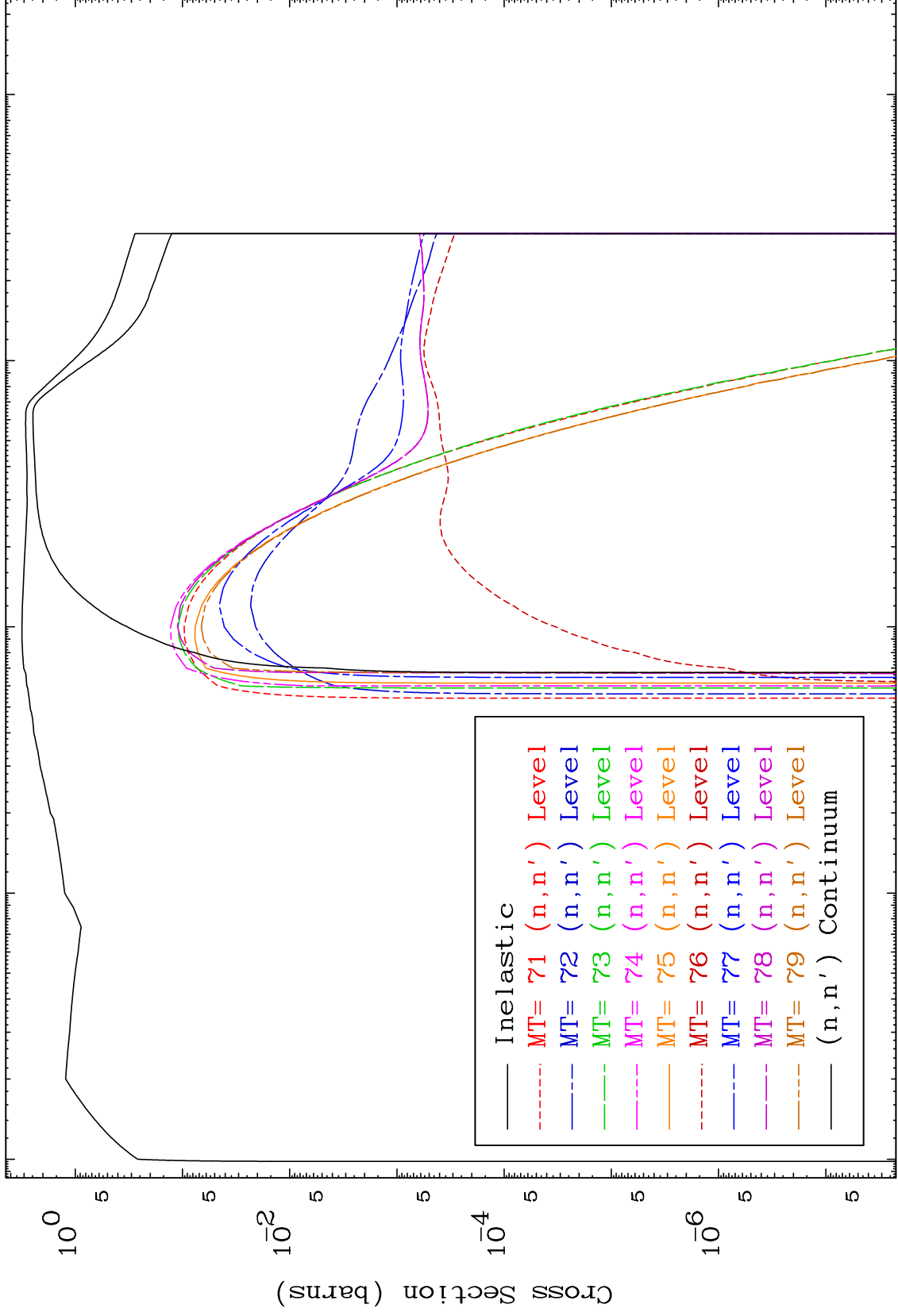
9

MAT 7634

(n,n') Levels

76-Os-187

293 Kelvin Cross Sections



76-Os-187

10<sup>1</sup>

10<sup>0</sup>

10<sup>-1</sup>

10<sup>-2</sup>

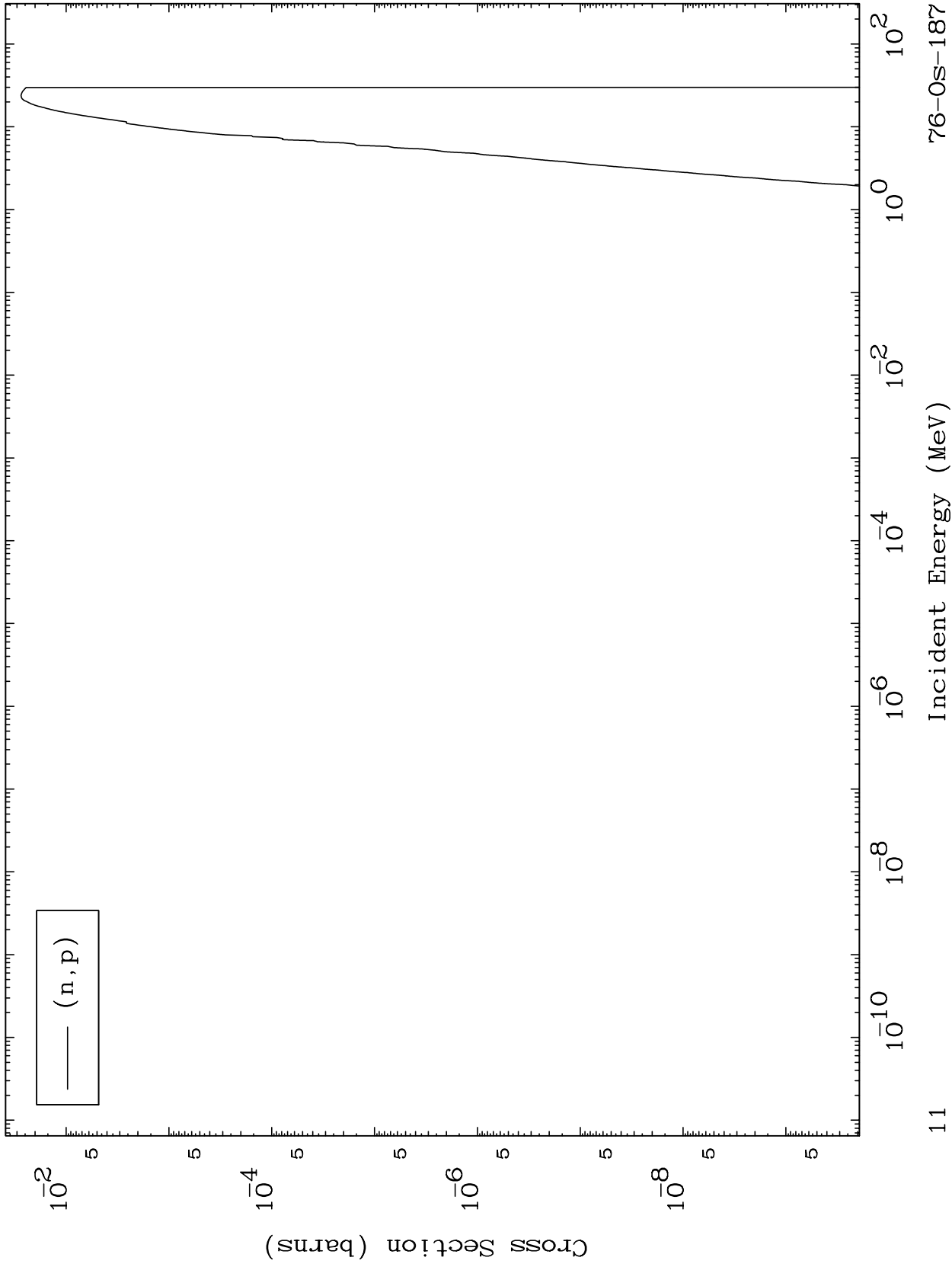
Incident Energy (MeV)

76-Os-187

MAT 7634

(n,p) Levels  
293 Kelvin Cross Sections

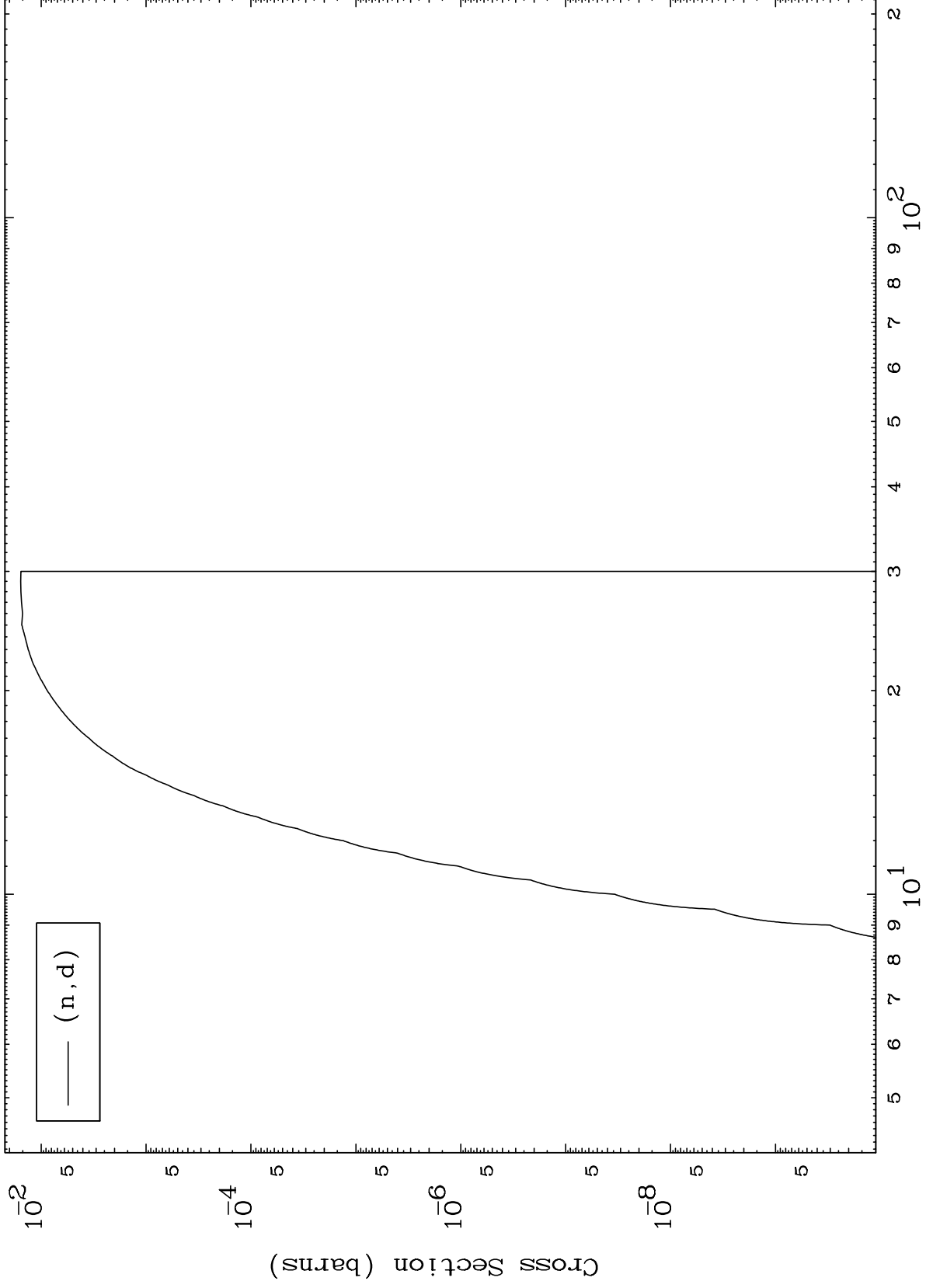
76-Os-187



MAT 7634

(n,d) Levels  
293 Kelvin Cross Sections

76-Os-187



12

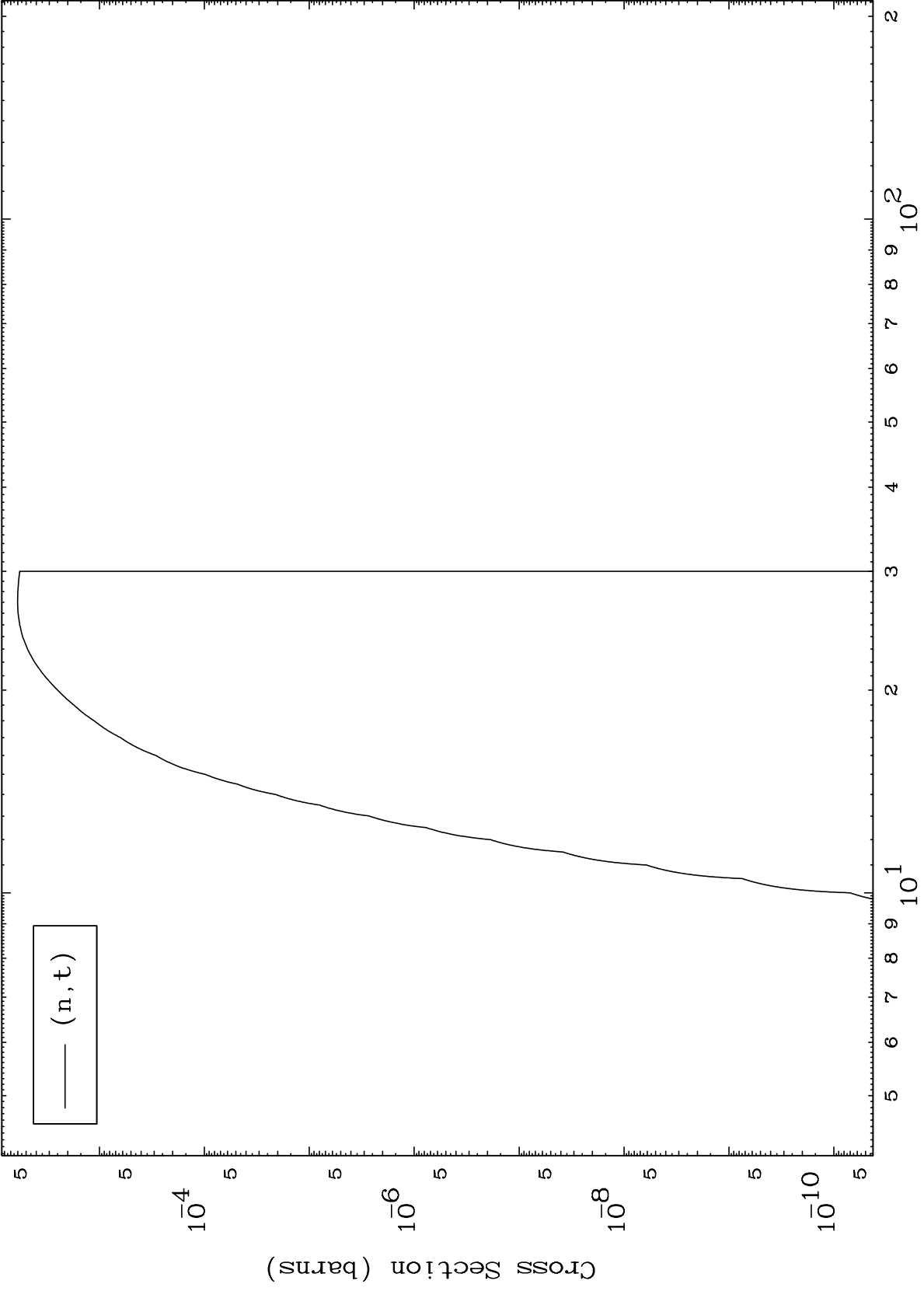
Incident Energy (MeV)

76-Os-187

MAT 7634

(n,t) Levels  
293 Kelvin Cross Sections

76-Os-187



13

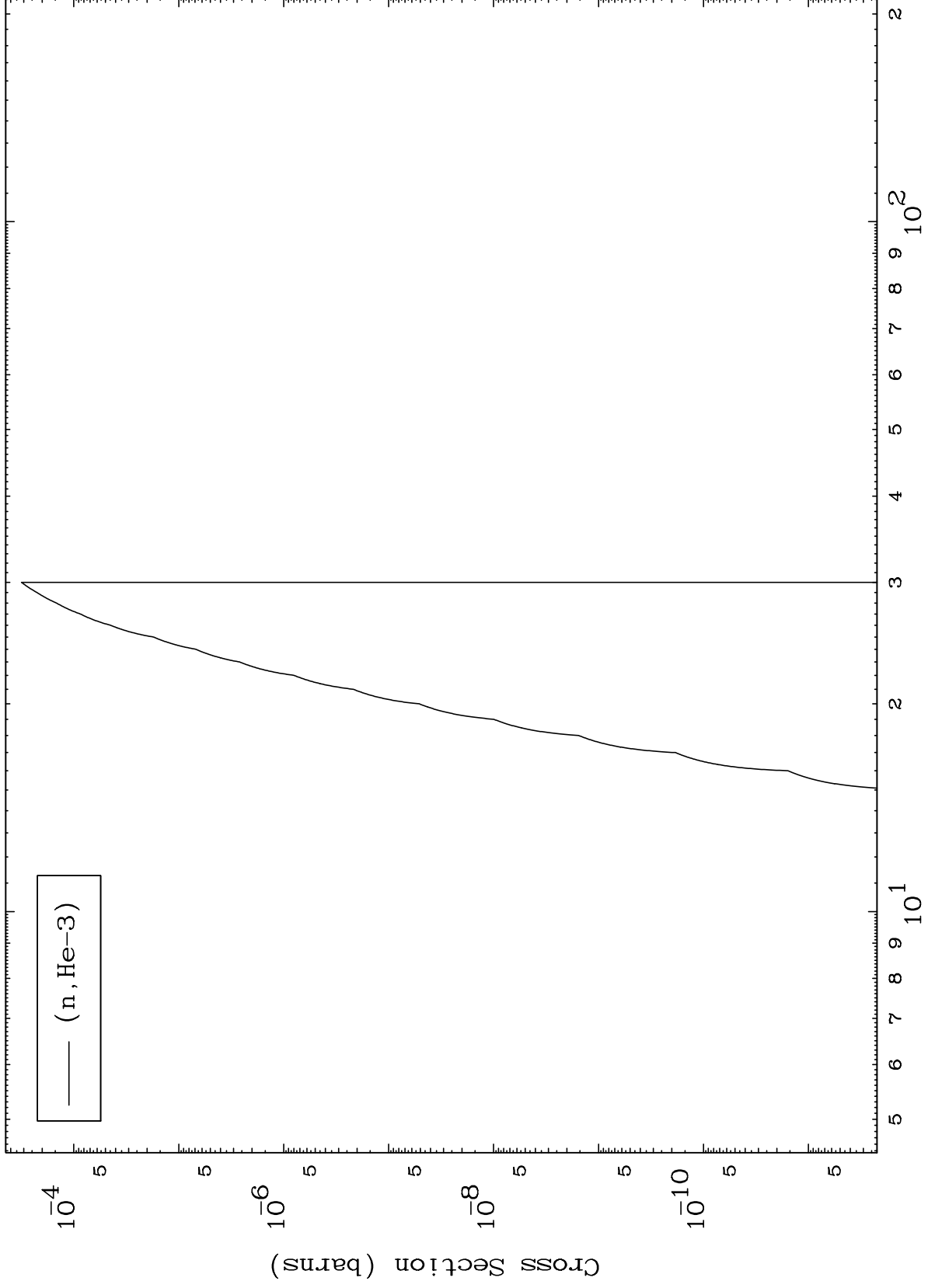
Incident Energy (MeV)

76-Os-187

MAT 7634

(n,He3) Levels  
293 Kelvin Cross Sections

76-Os-187



14

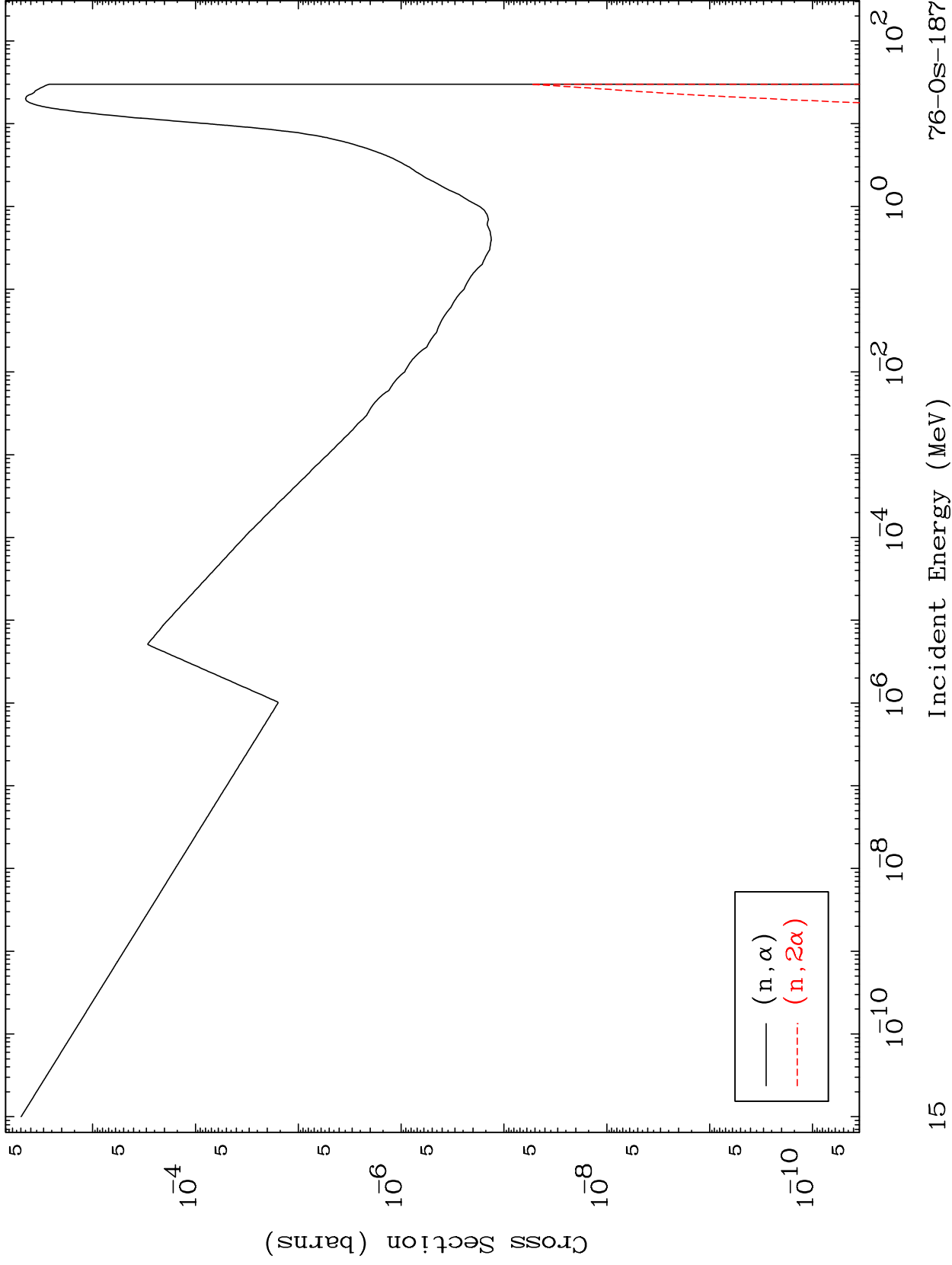
Incident Energy (MeV)

76-Os-187

MAT 7634

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

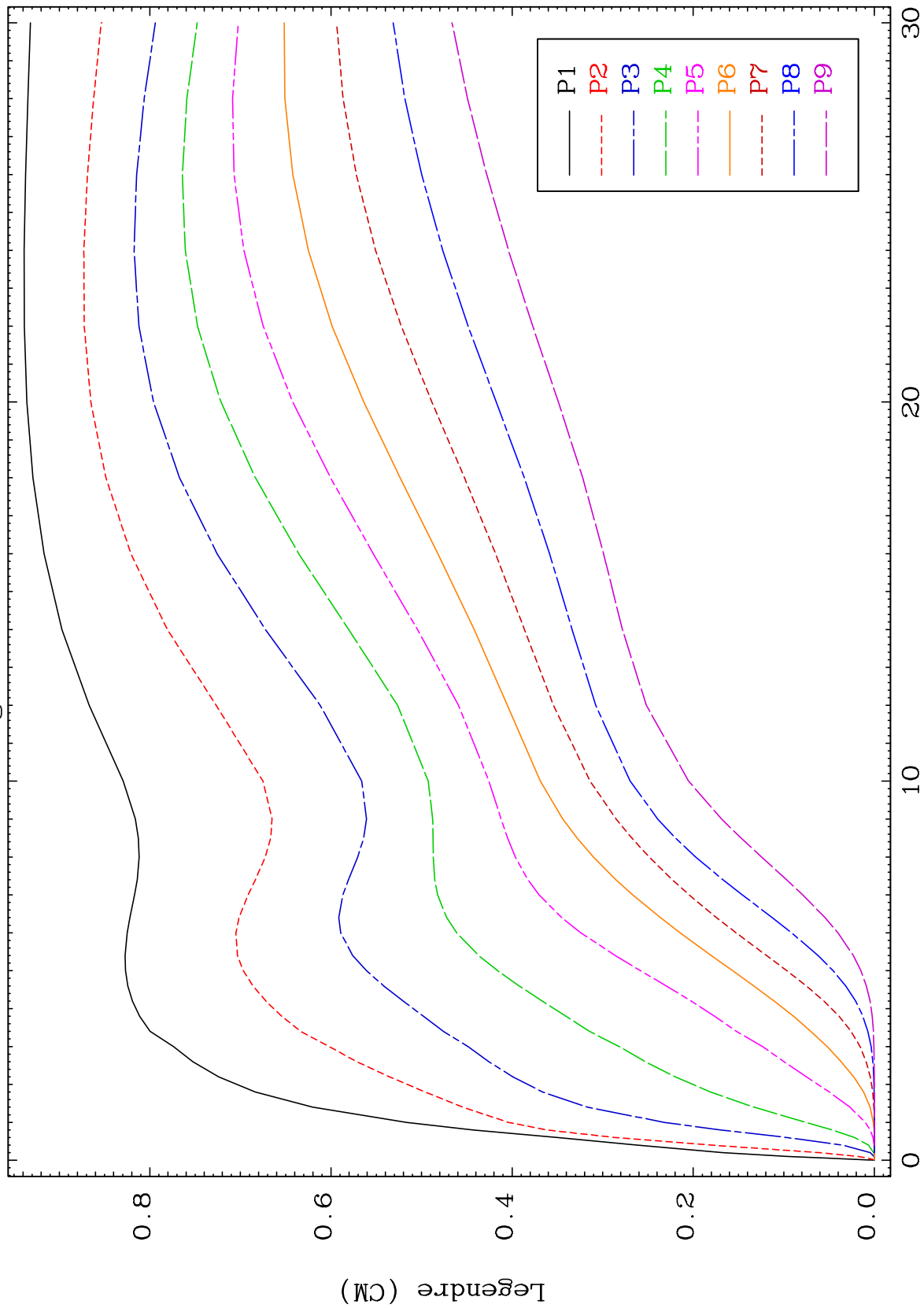
76-Os-187



MAT 7634

Elastic Legendre Coefficients

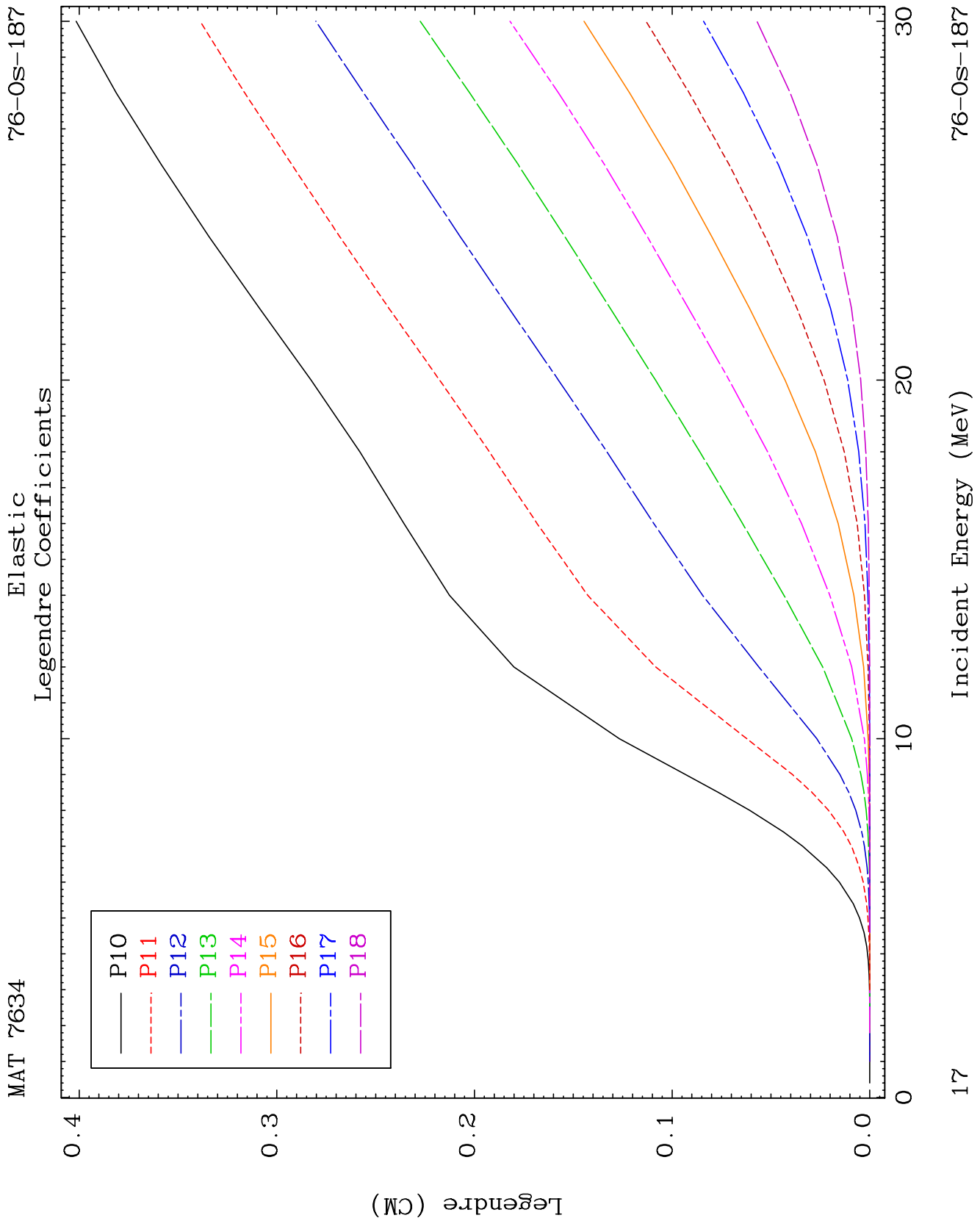
76-Os-187



16

Incident Energy (MeV)

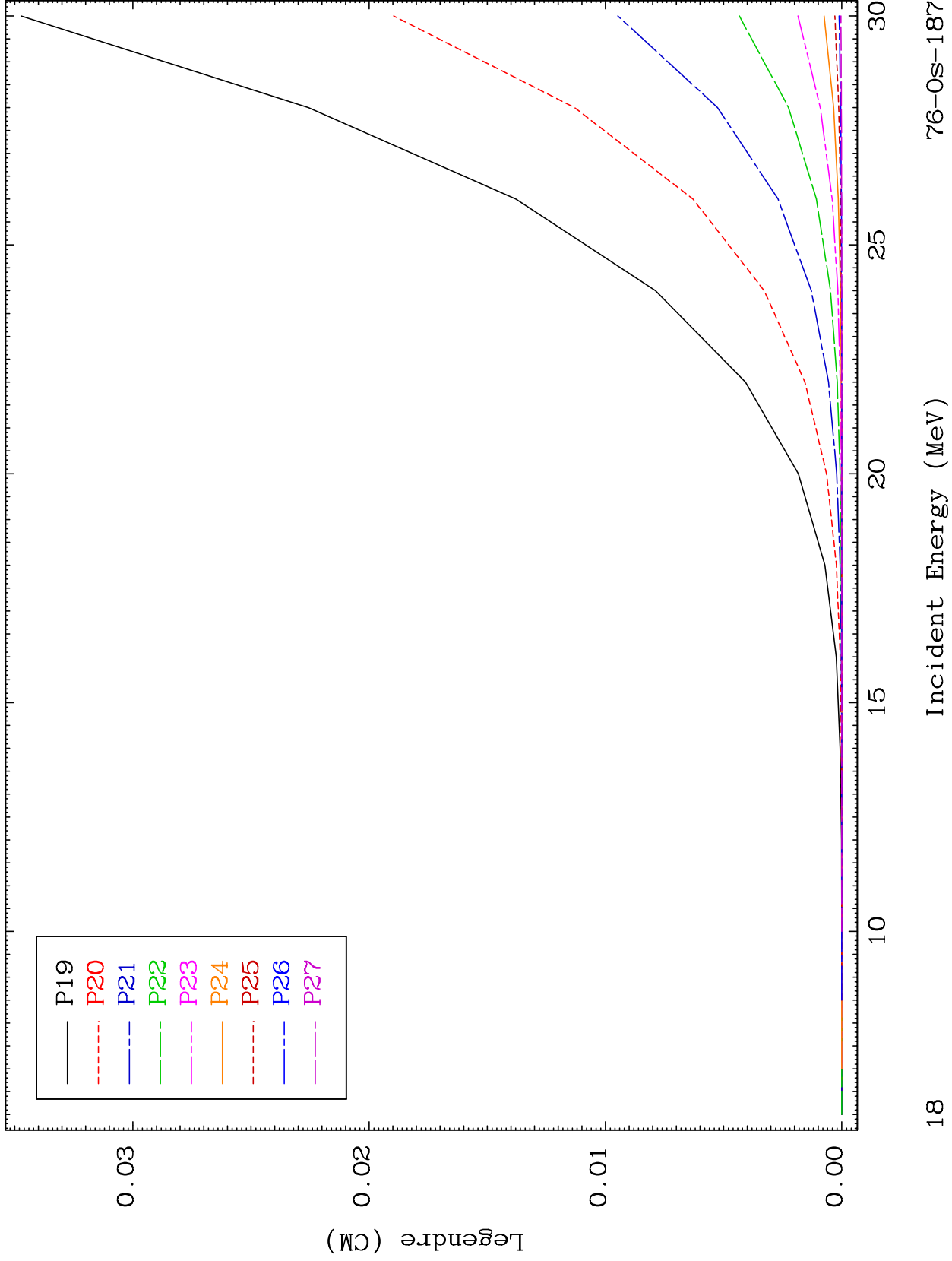
76-Os-187



MAT 7634

### Elastic Legendre Coefficients

76-Os-187



18

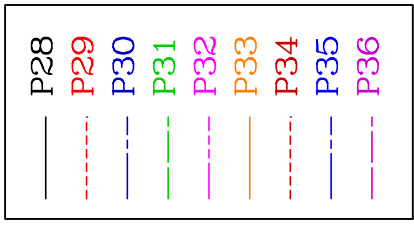
Incident Energy (MeV)

76-Os-187

MAT 7634

Elastic Legendre Coefficients

76-Os-187



$\times 10^{-5}$

1.2

0.8

0.4

0.0

Legendre (CM)

15

20

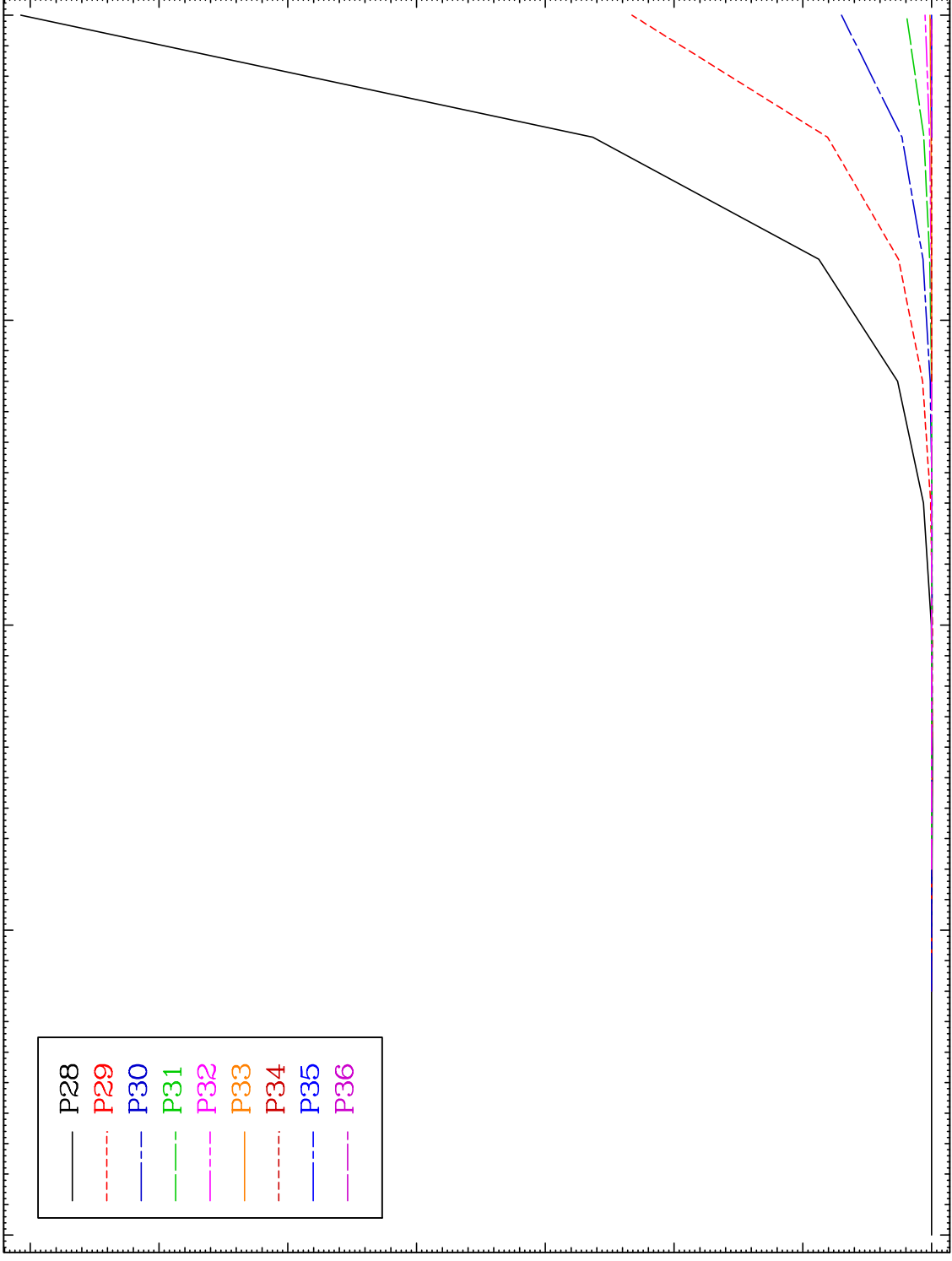
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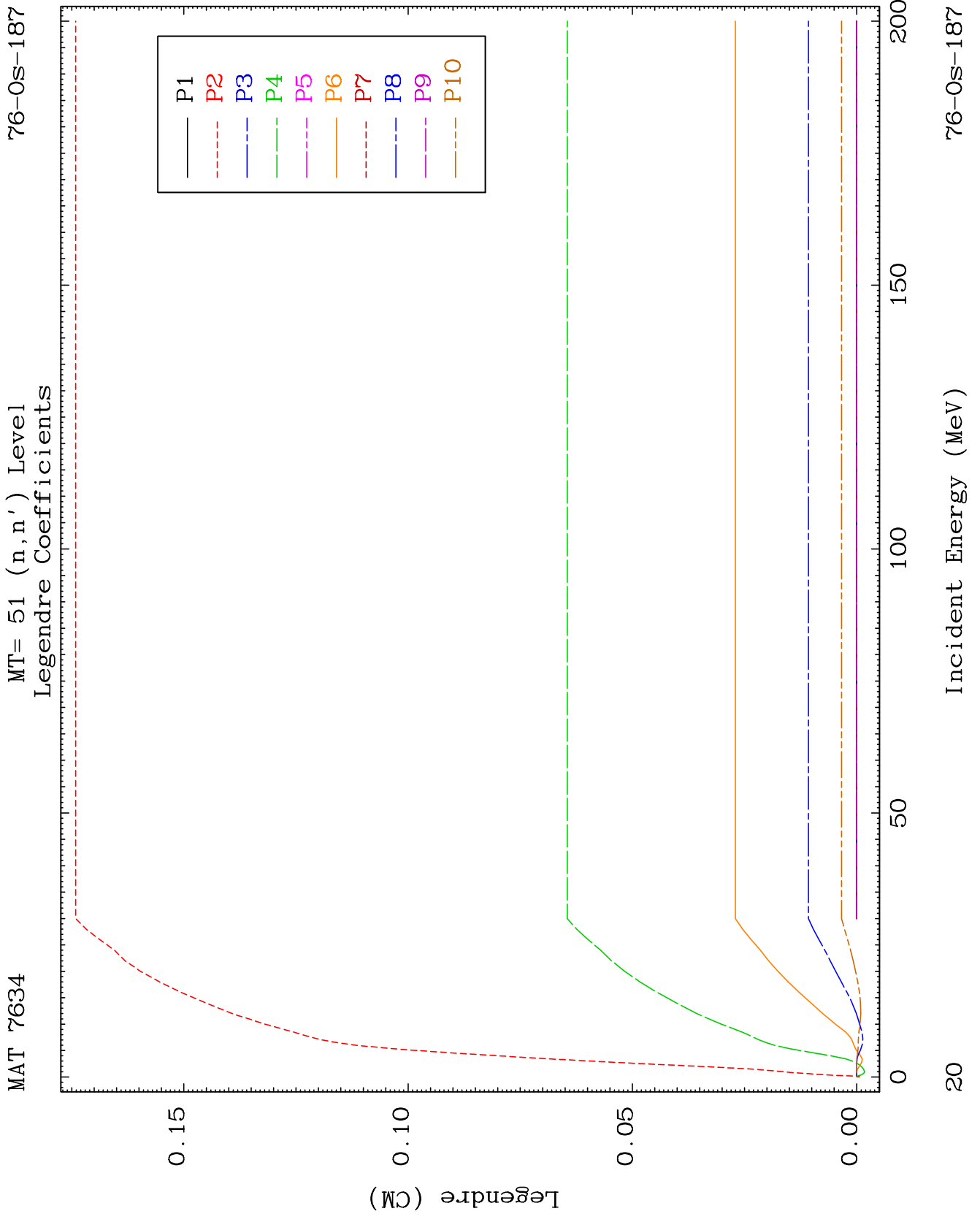
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19

Incident Energy (MeV)

76-Os-187

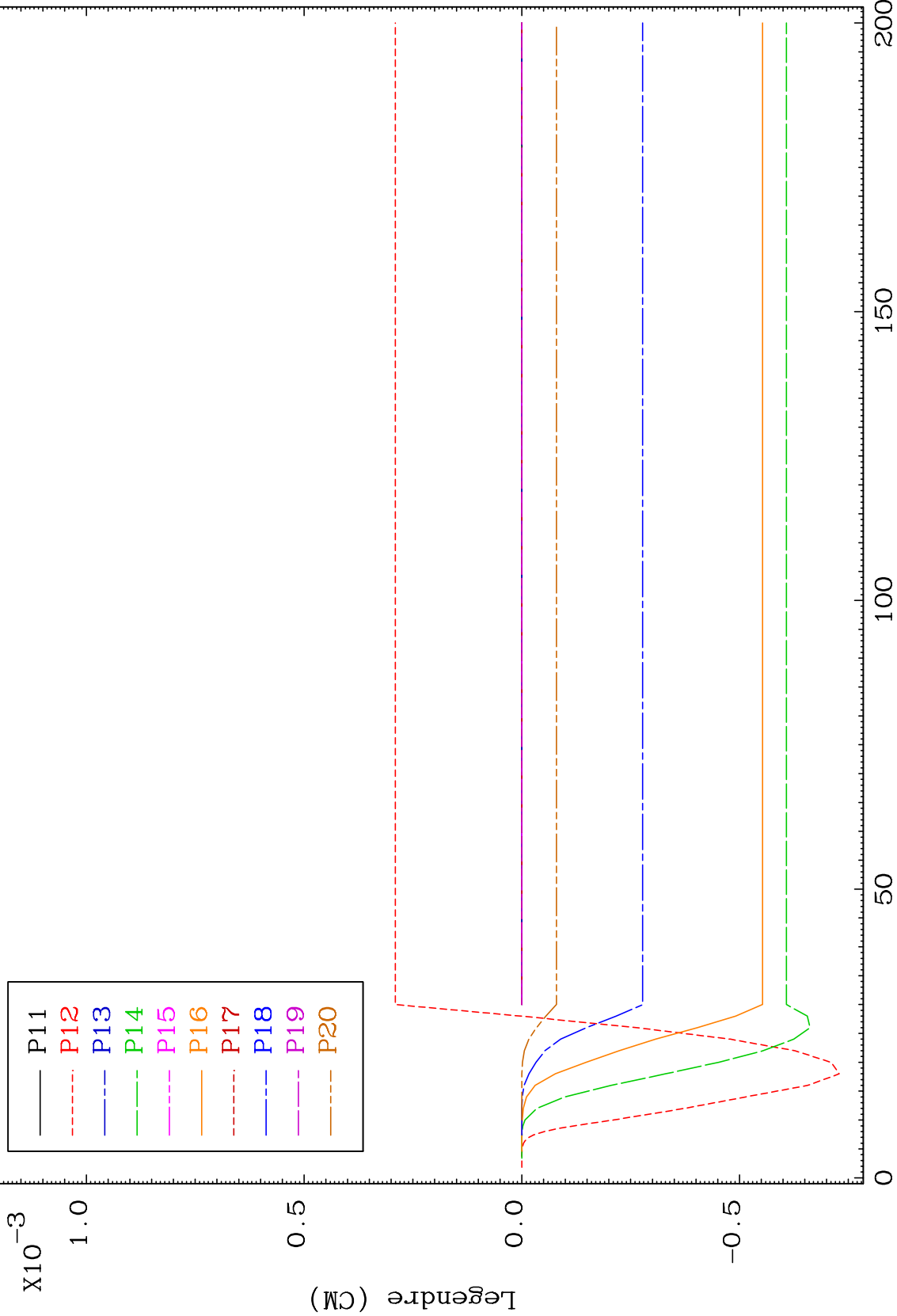
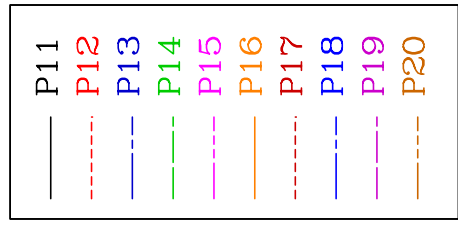




MAT 7634

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

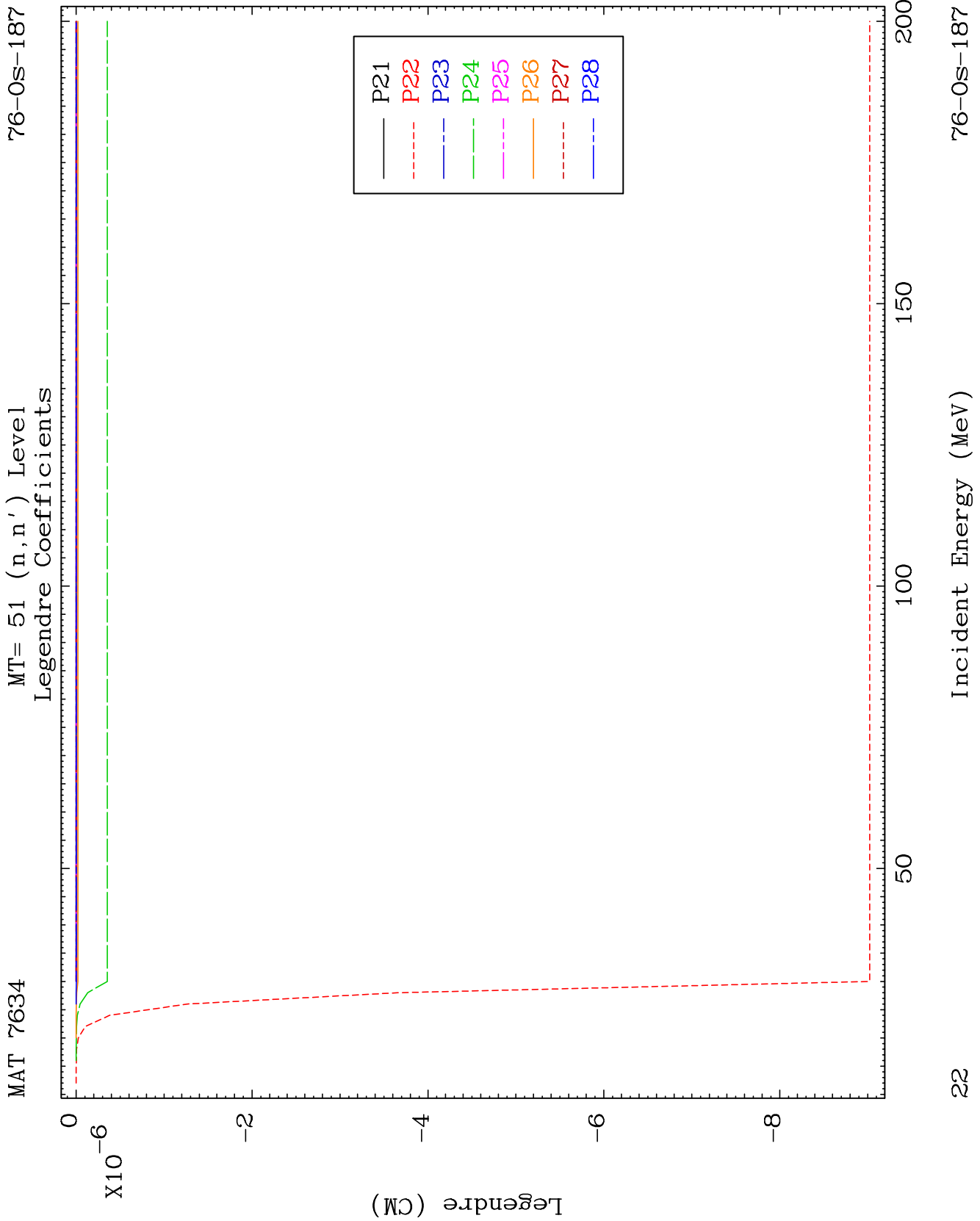
76-Os-187



21

Incident Energy (MeV)

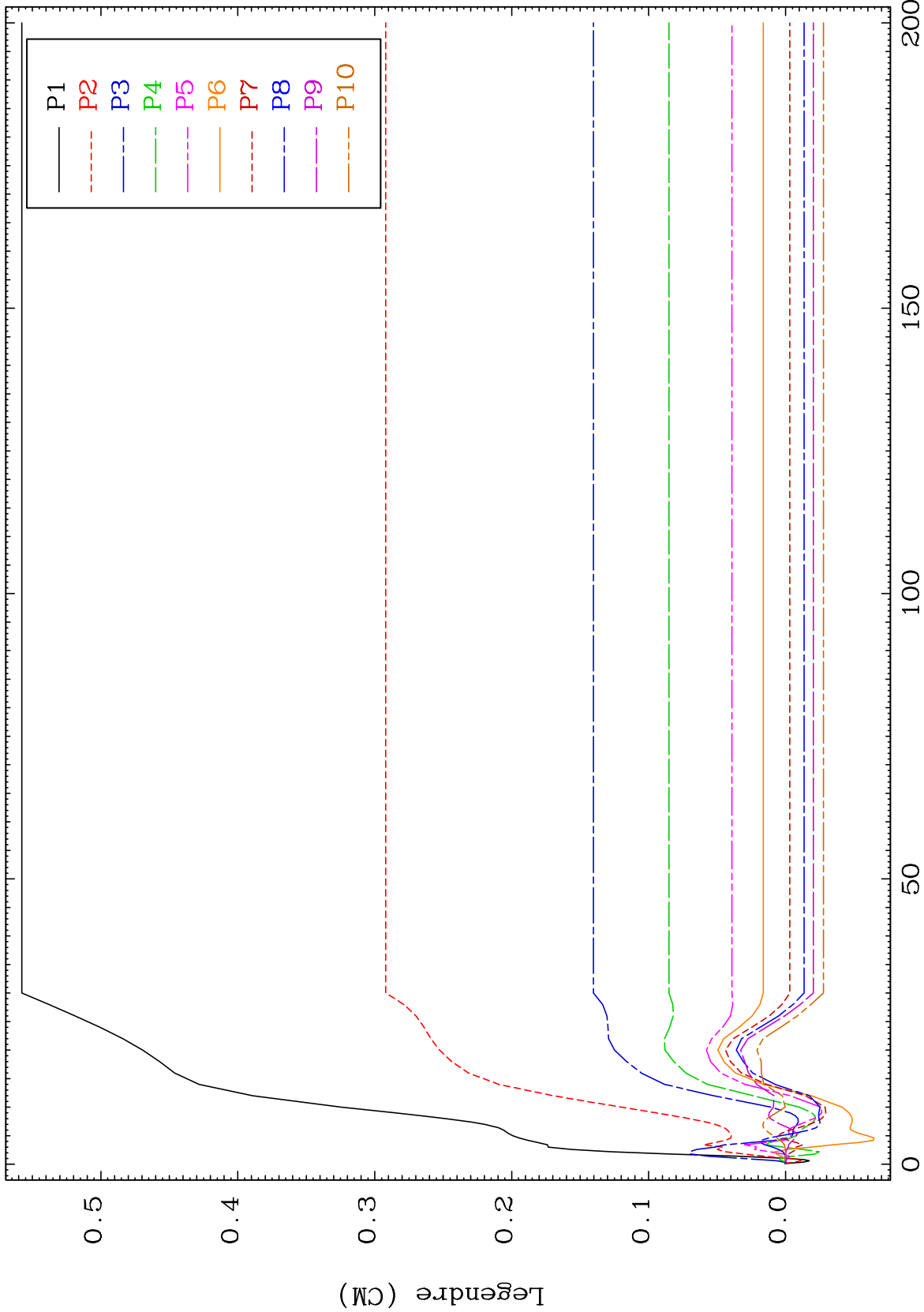
76-Os-187



MAT 7634

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

76-Os-187



23

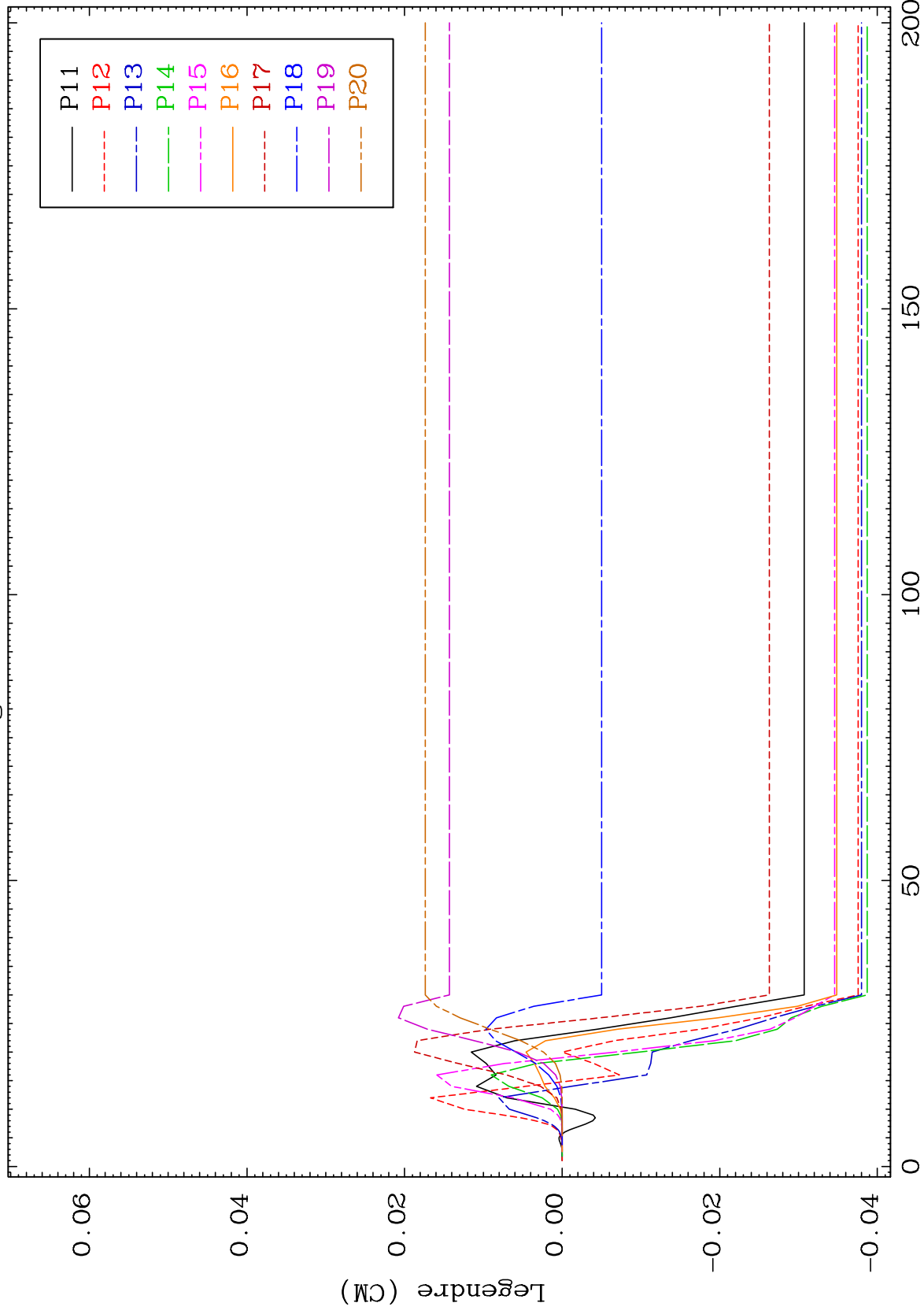
Incident Energy (MeV)

76-Os-187

MAT 7634

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

76-Os-187



24

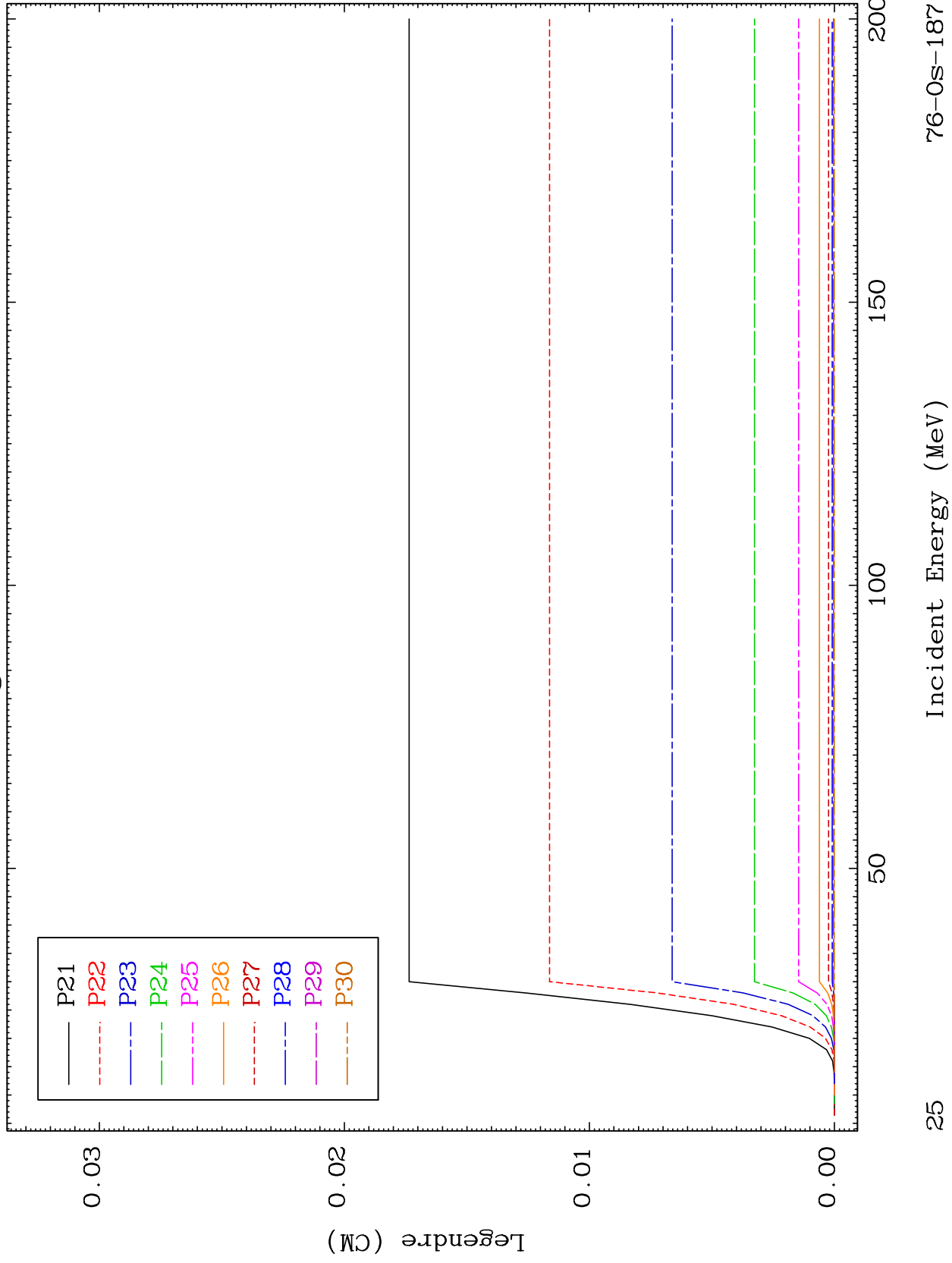
Incident Energy (MeV)

76-Os-187

MAT 7634

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

76-0s-187

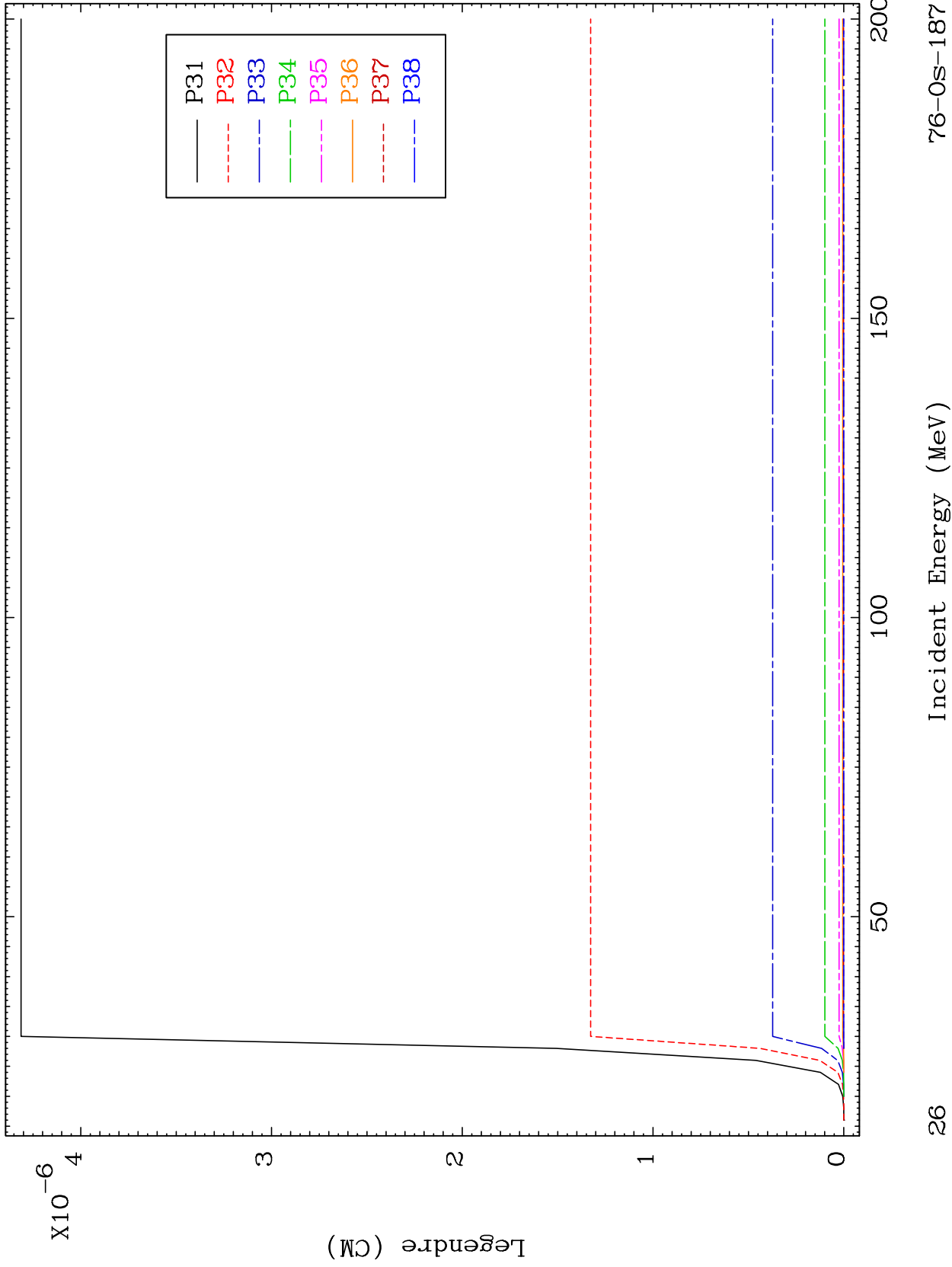


25

MAT 7634

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

76-Os-187



26

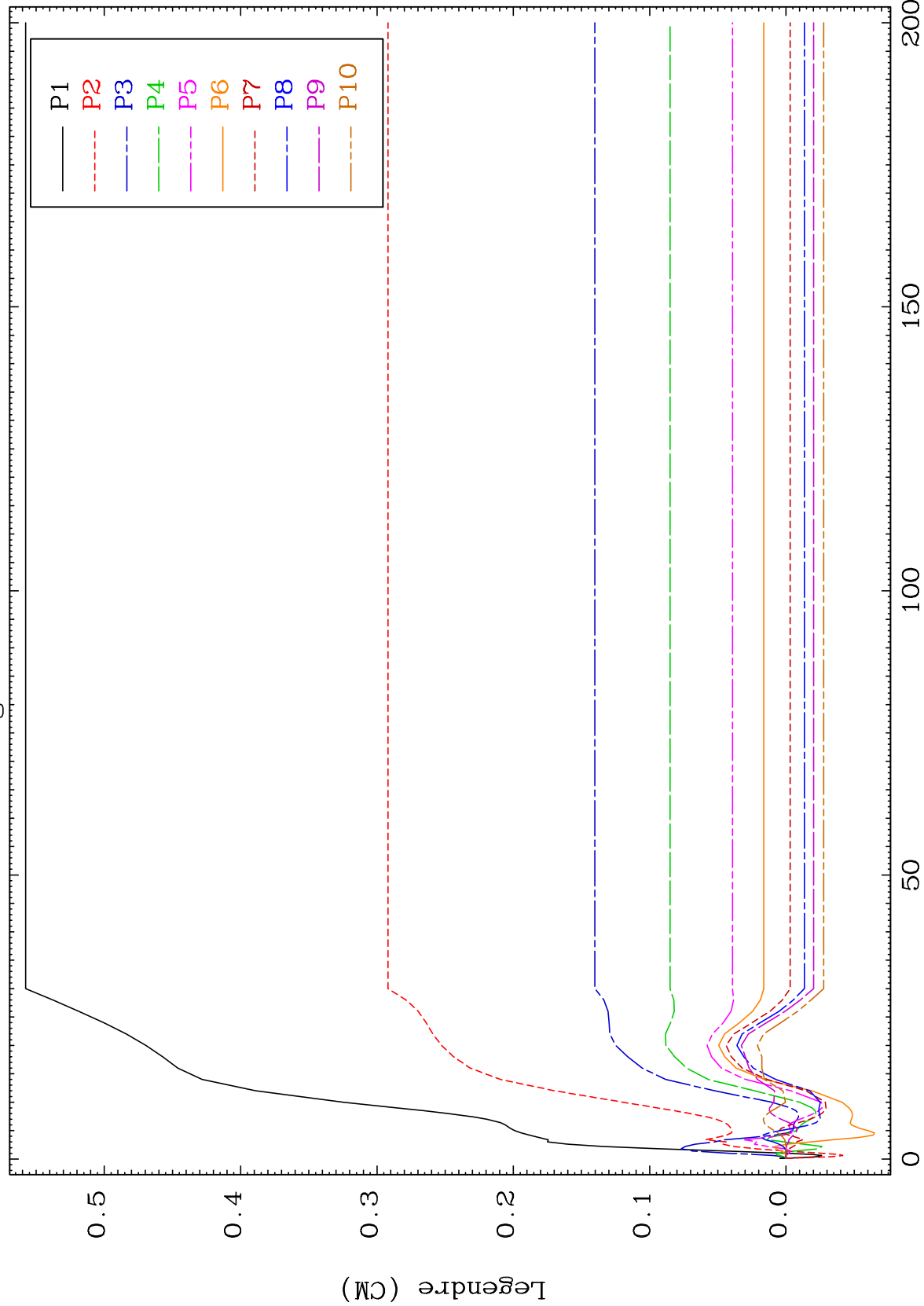
Incident Energy (MeV)

76-Os-187

MAT 7634

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

76-Os-187



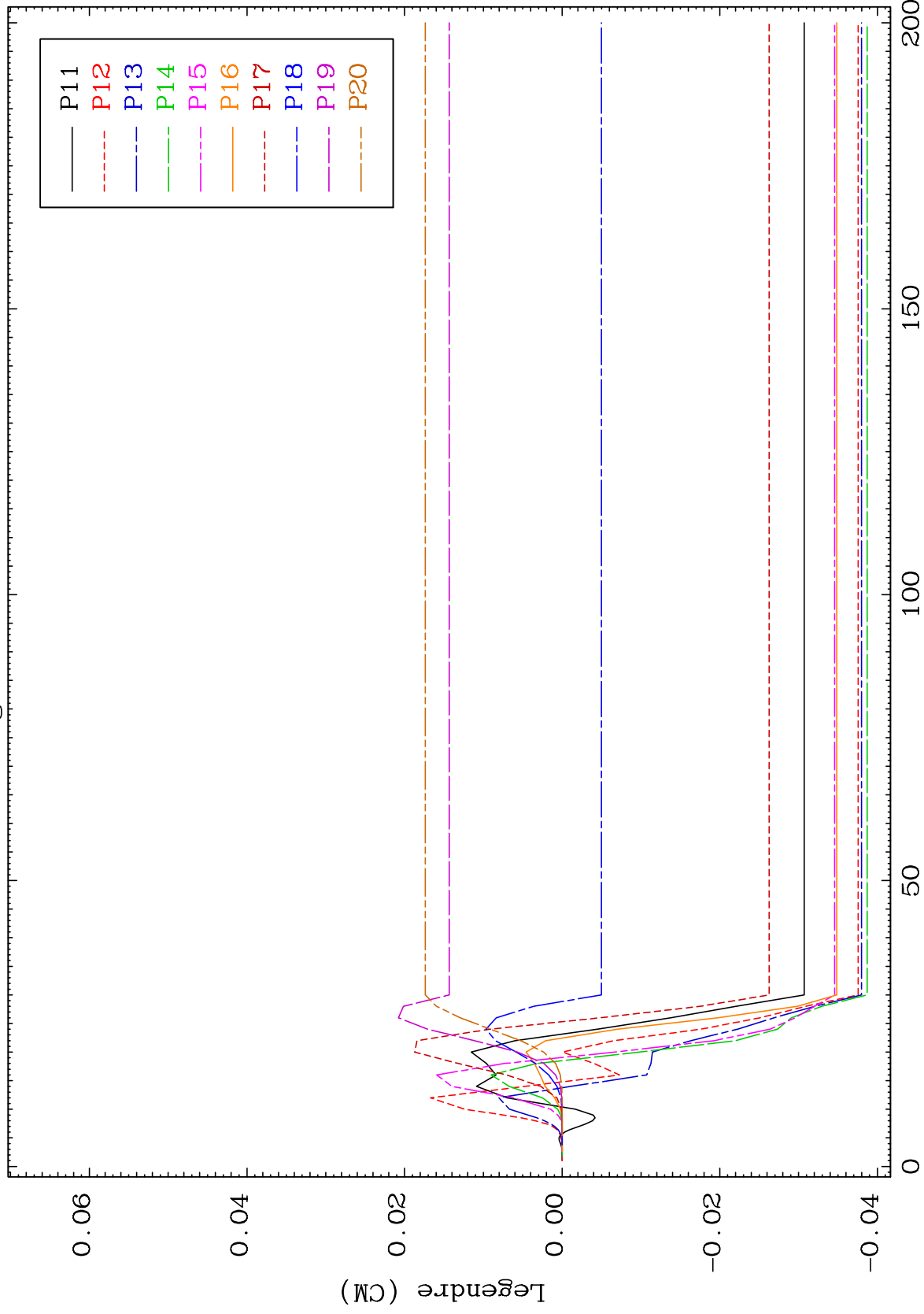
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76-Os-187

MAT 7634

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

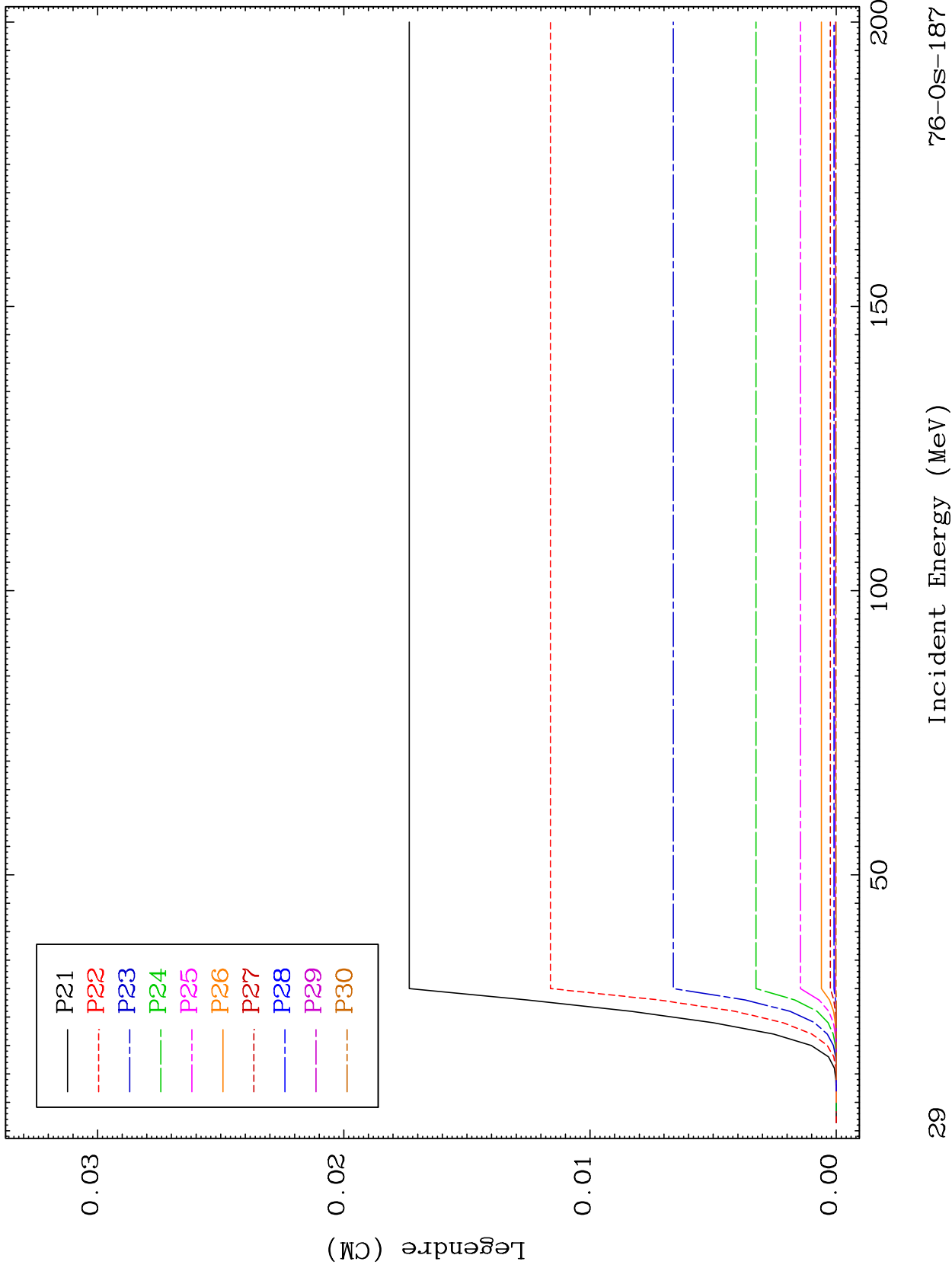
76-Os-187



28

Incident Energy (MeV)

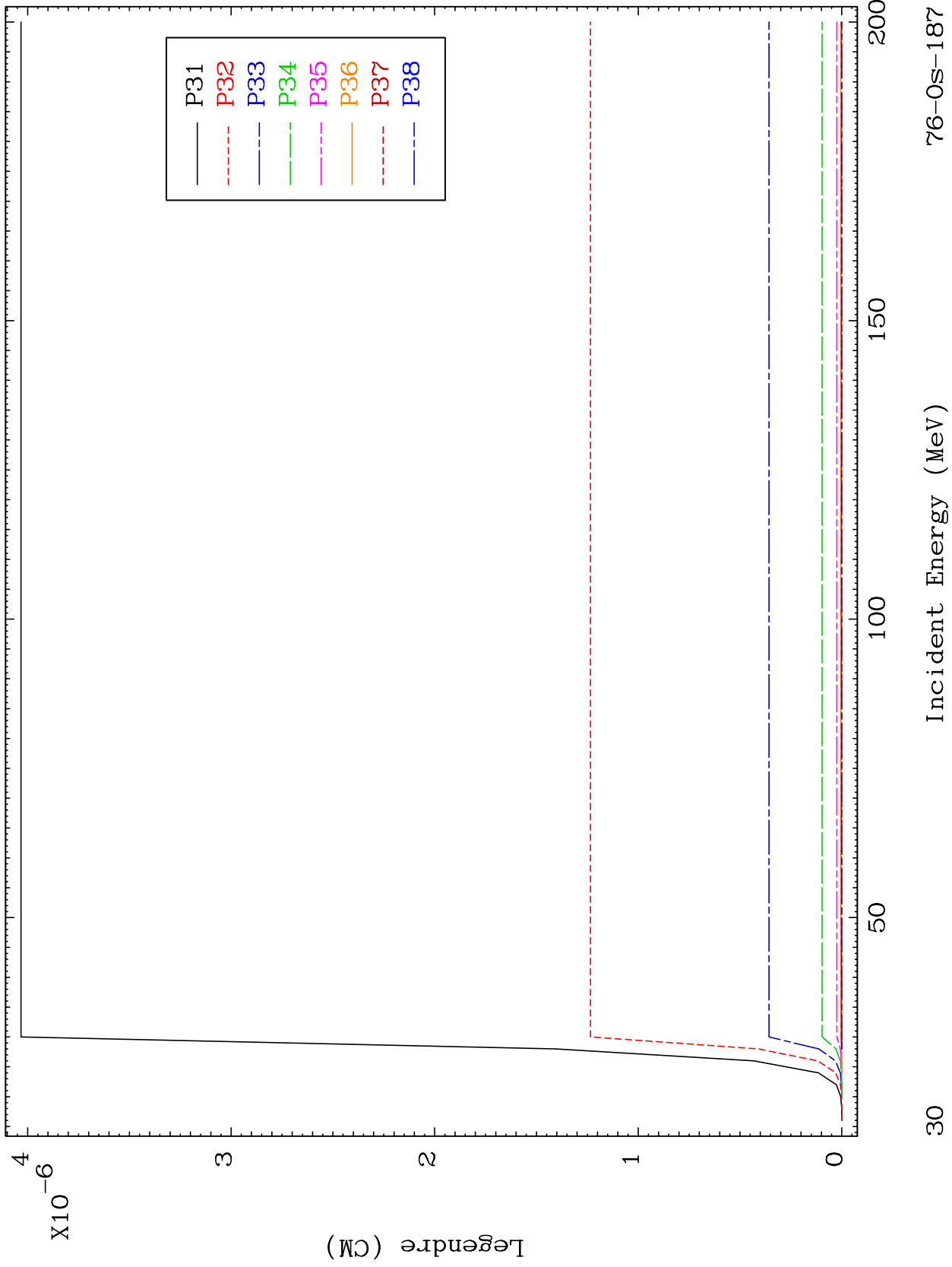
76-Os-187



MAT 7634

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

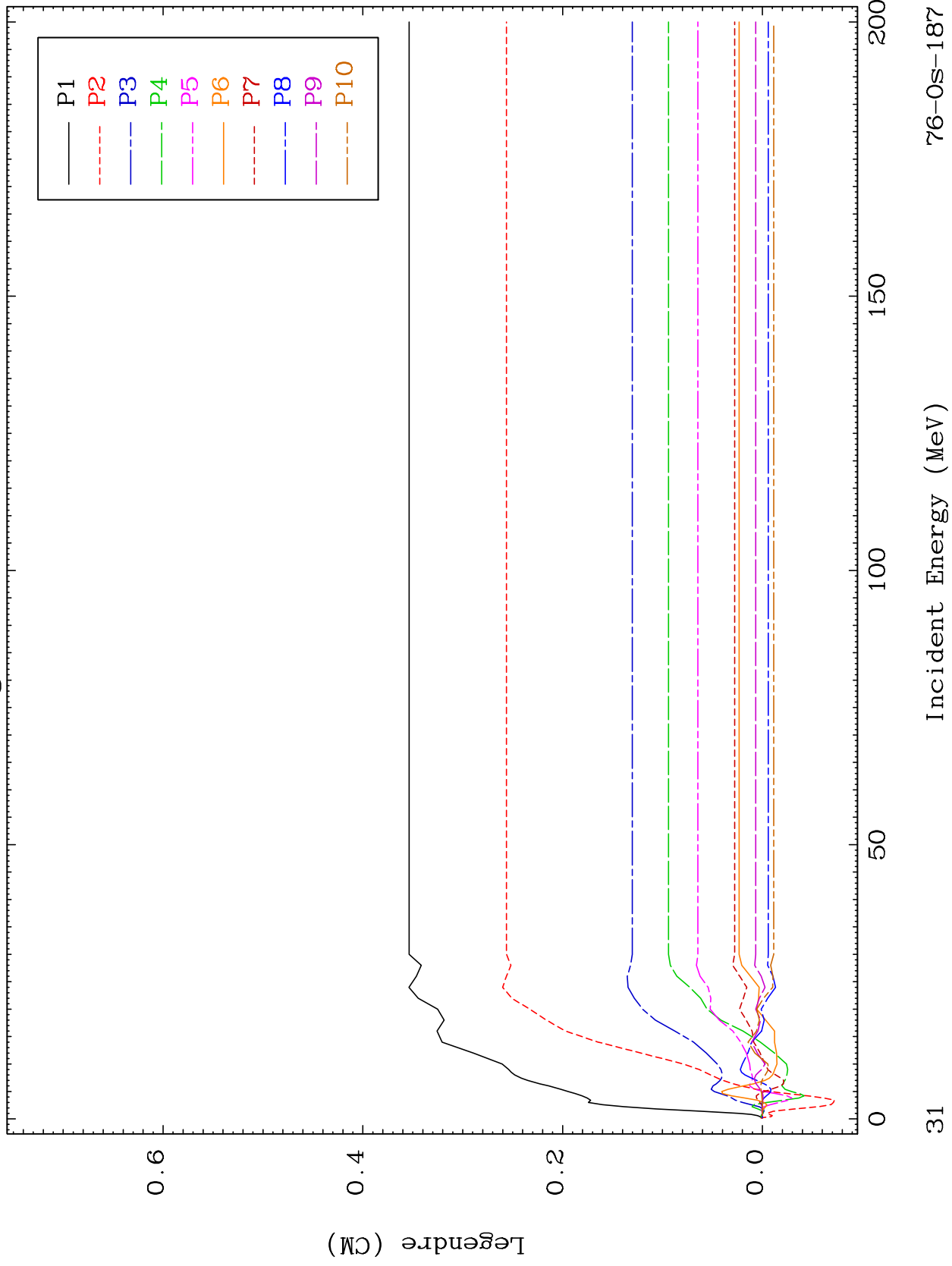
76-Os-187



MAT 7634

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

76-Os-187



76-Os-187

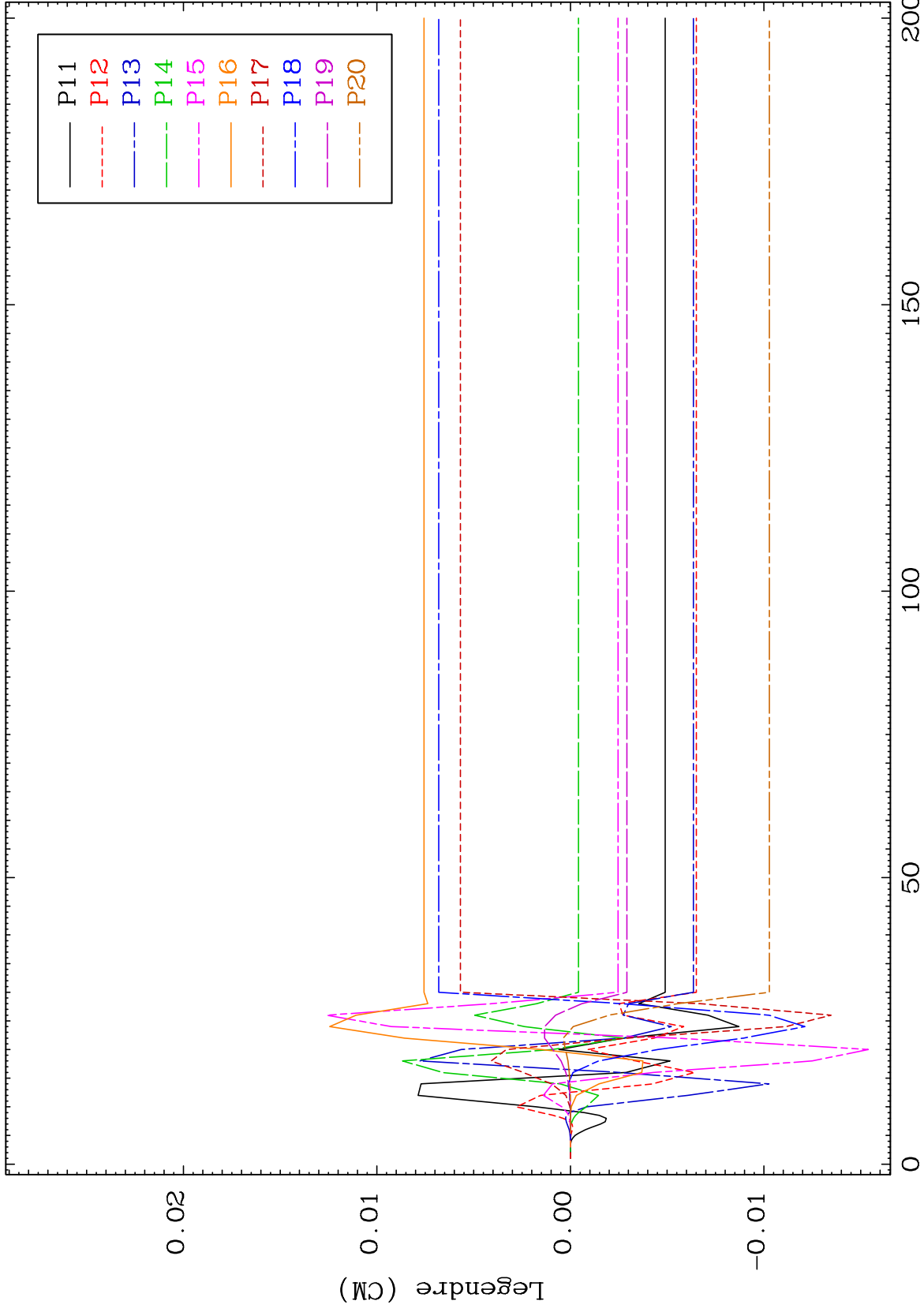
Incident Energy (MeV)

31

MAT 7634

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

76-Os-187



32

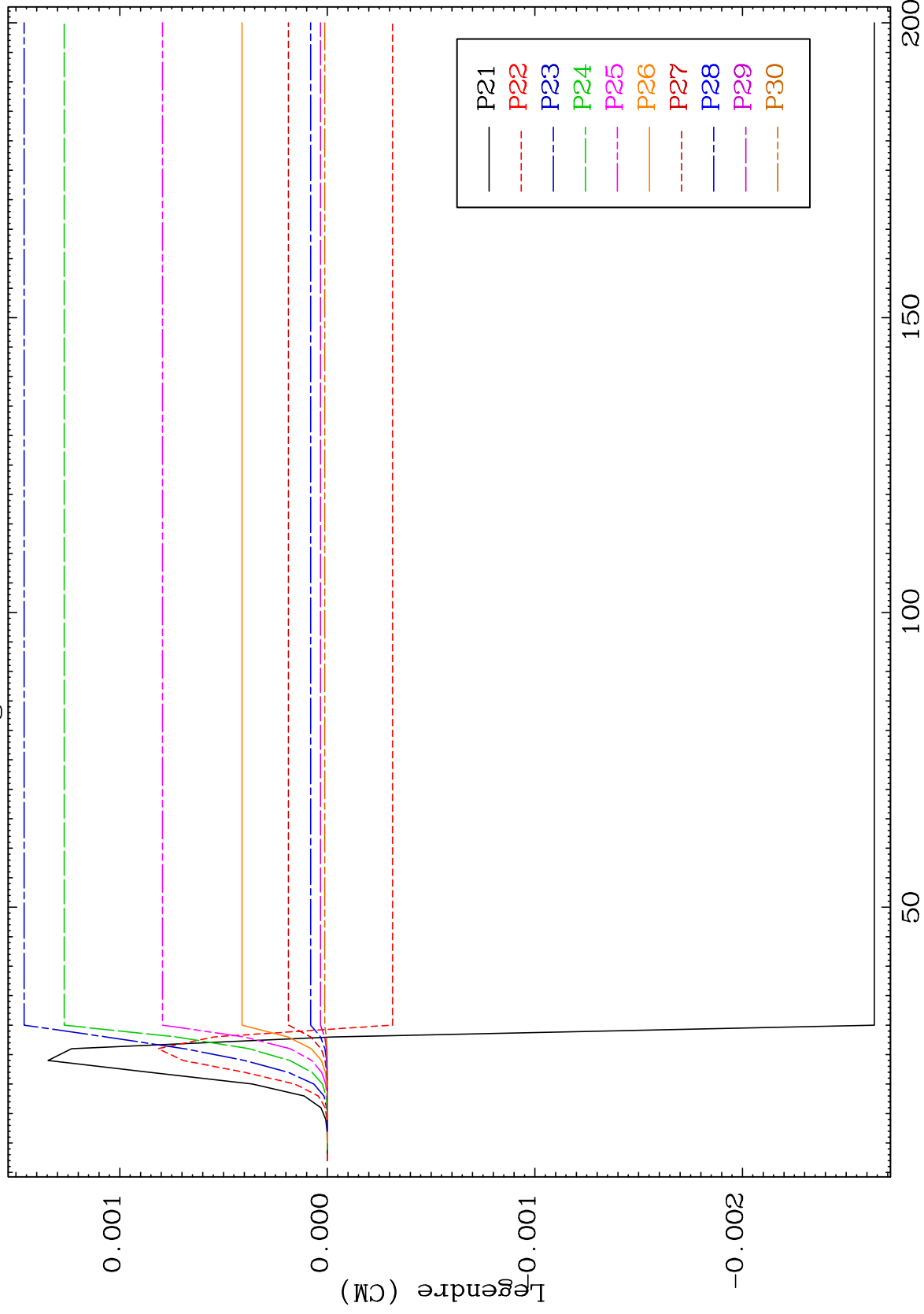
Incident Energy (MeV)

76-Os-187

MAT 7634

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

76-0s-187



33

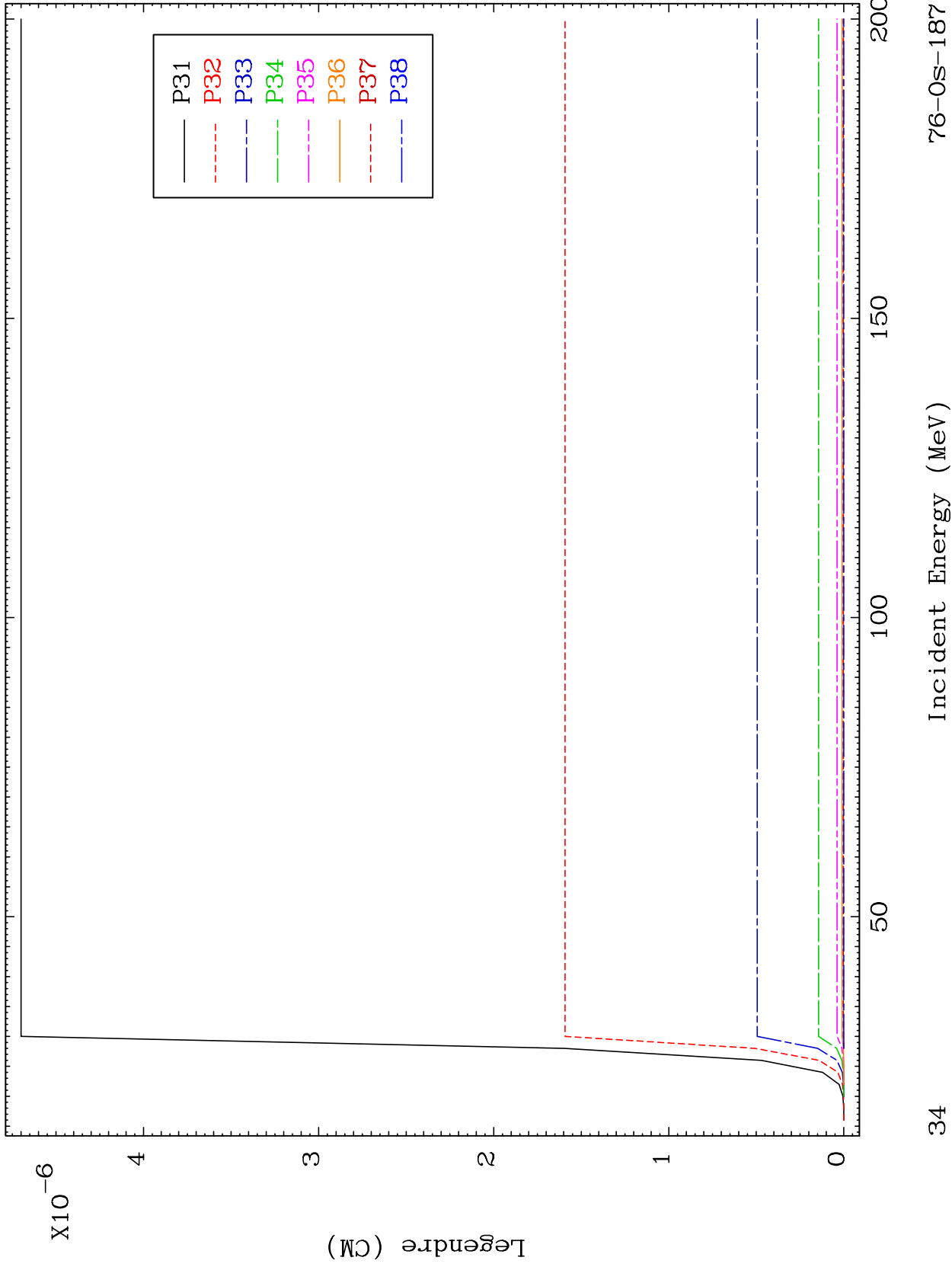
Incident Energy (MeV)

76-0s-187

MAT 7634

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

76-Os-187



34

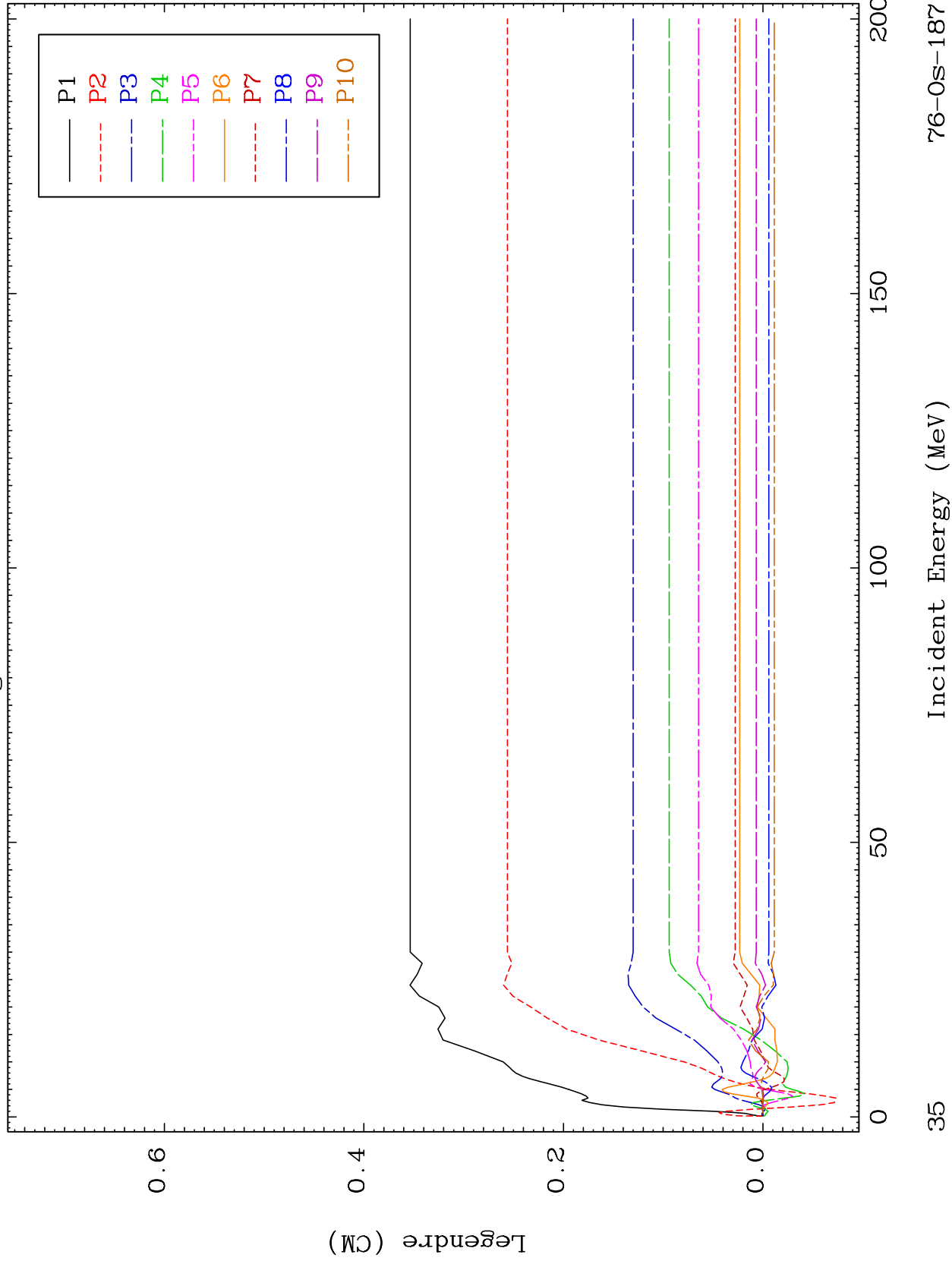
Incident Energy (MeV)

76-Os-187

MAT 7634

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

76-Os-187



76-Os-187

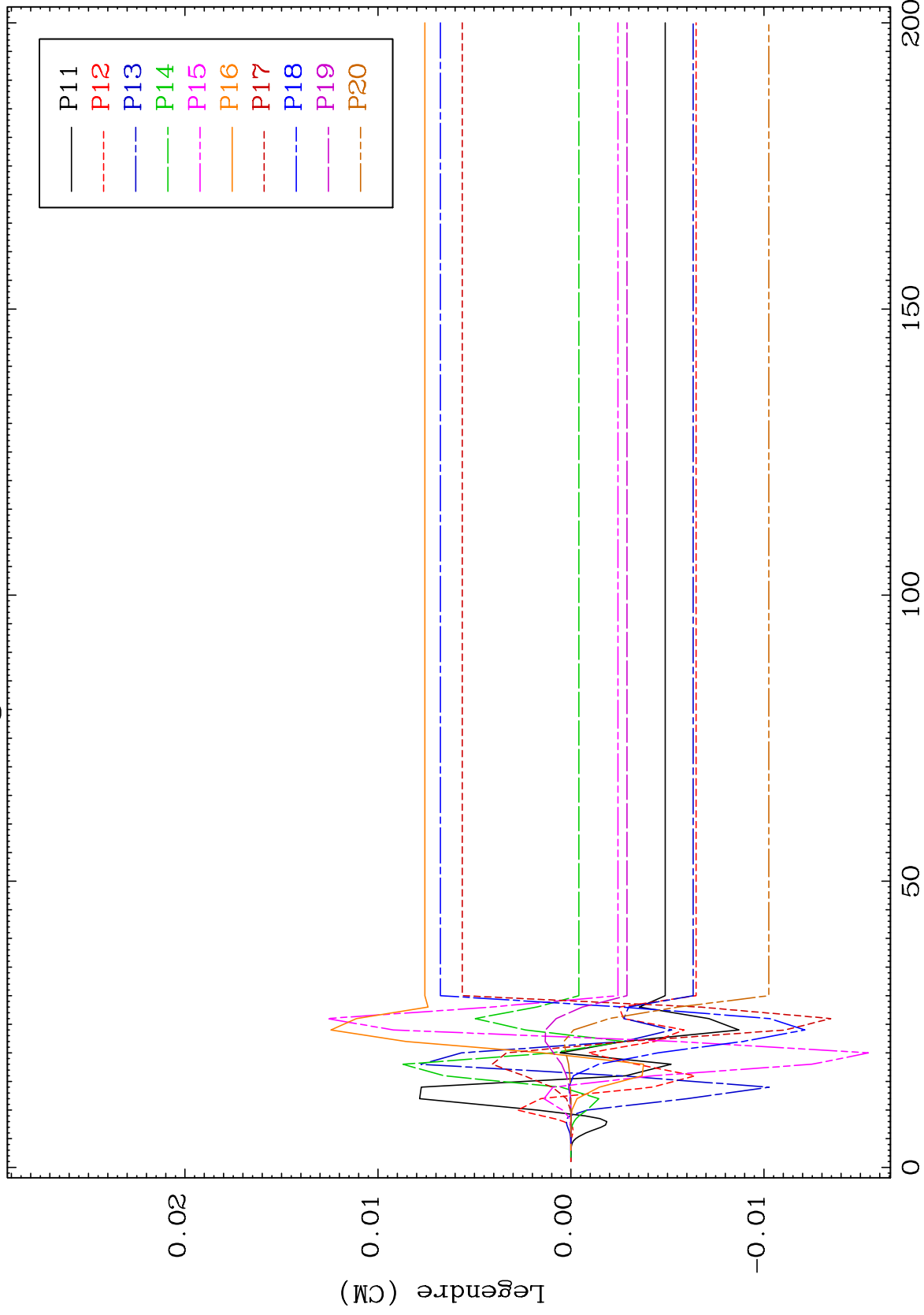
Incident Energy (MeV)

35

MAT 7634

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

76-Os-187



36

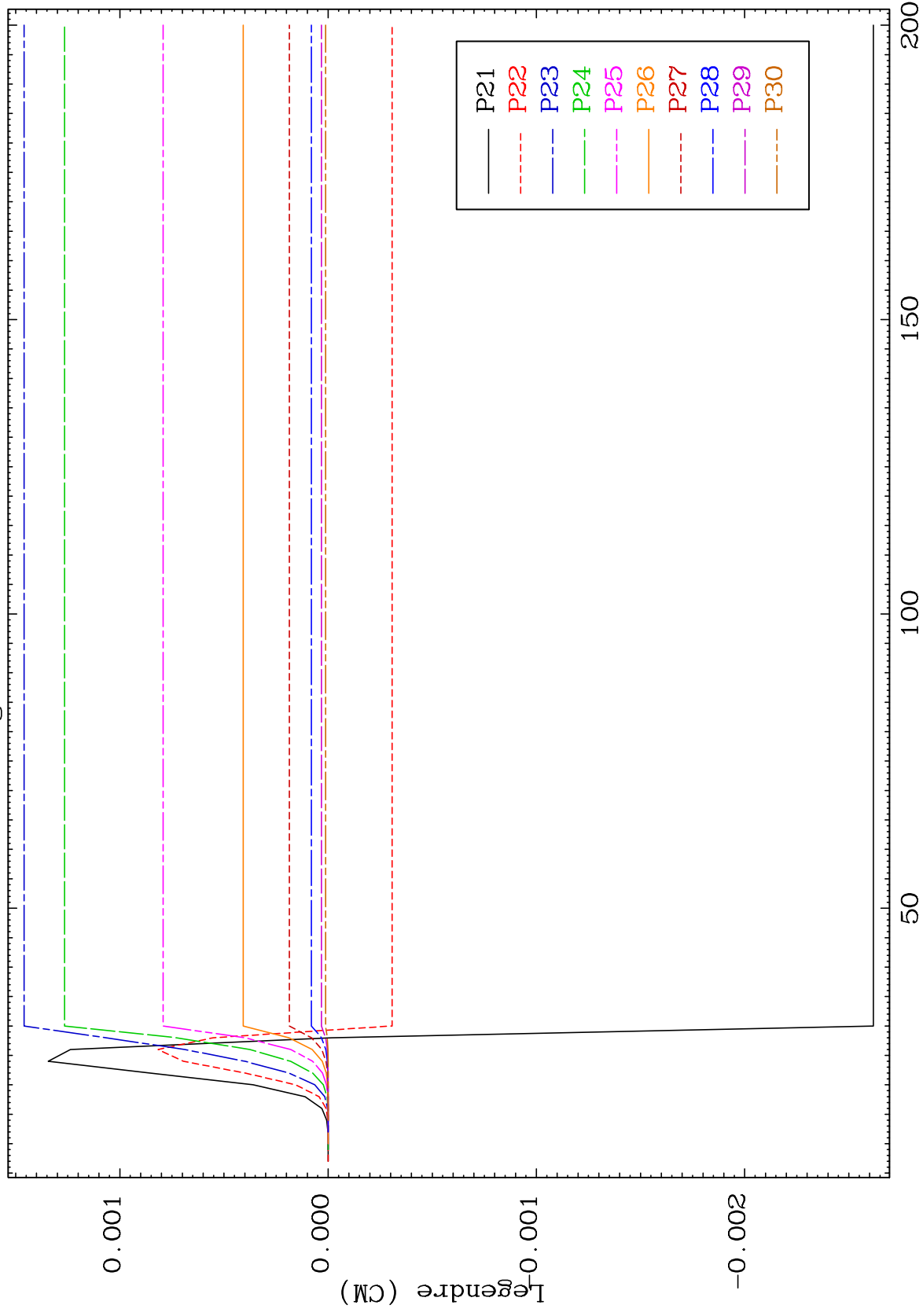
Incident Energy (MeV)

76-Os-187

MAT 7634

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

76-Os-187



37

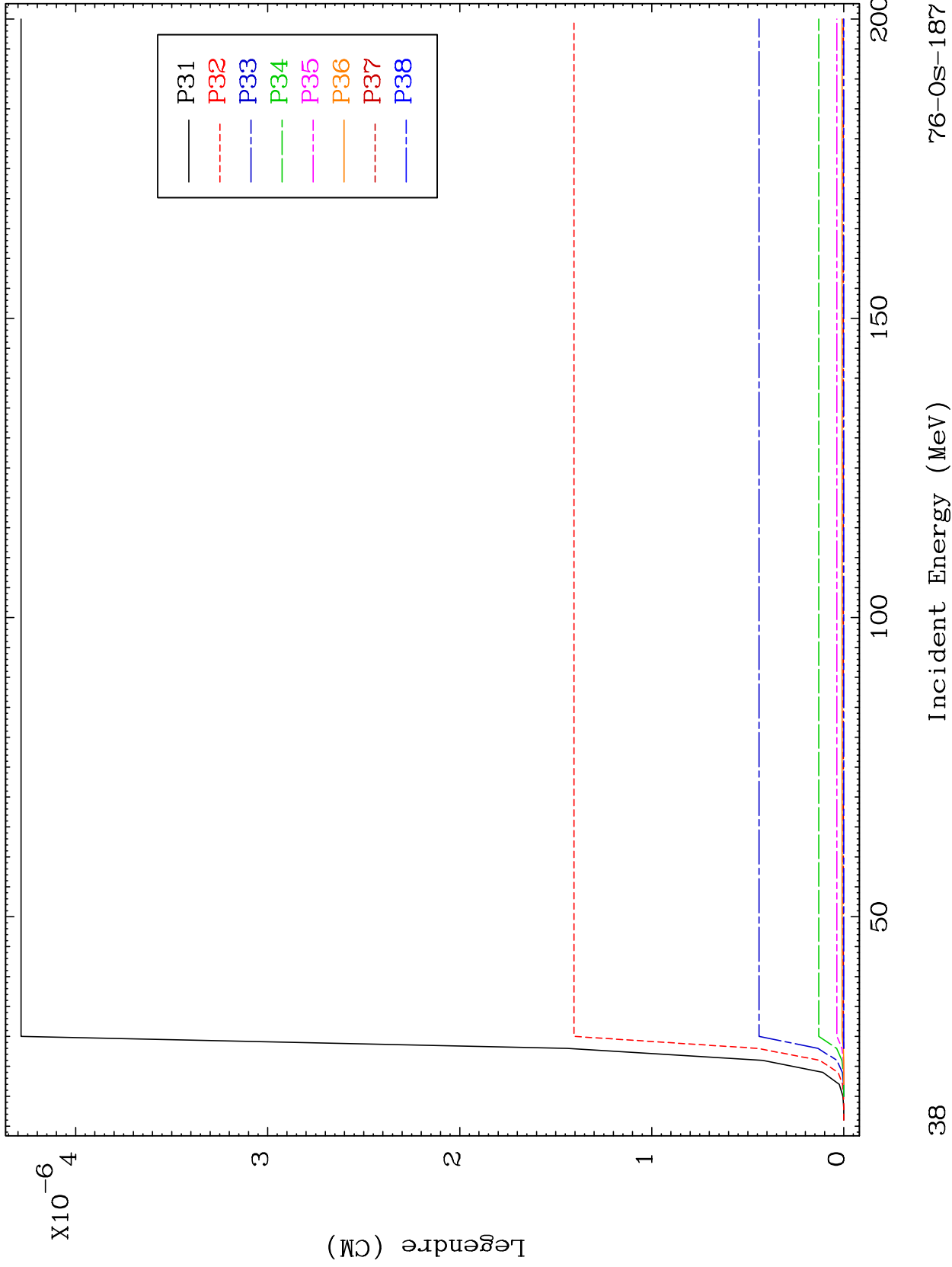
Incident Energy (MeV)

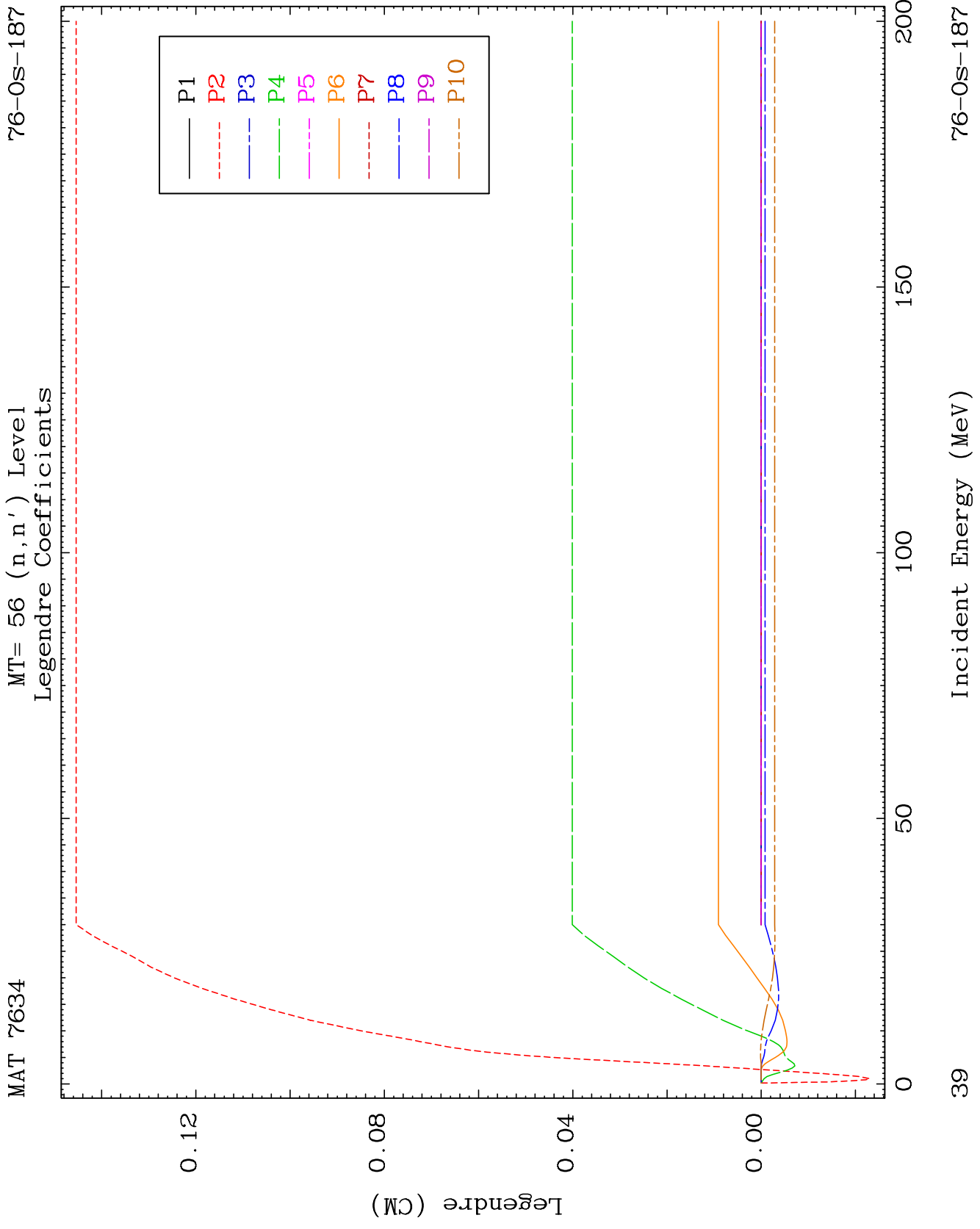
76-Os-187

MAT 7634

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

76-Os-187

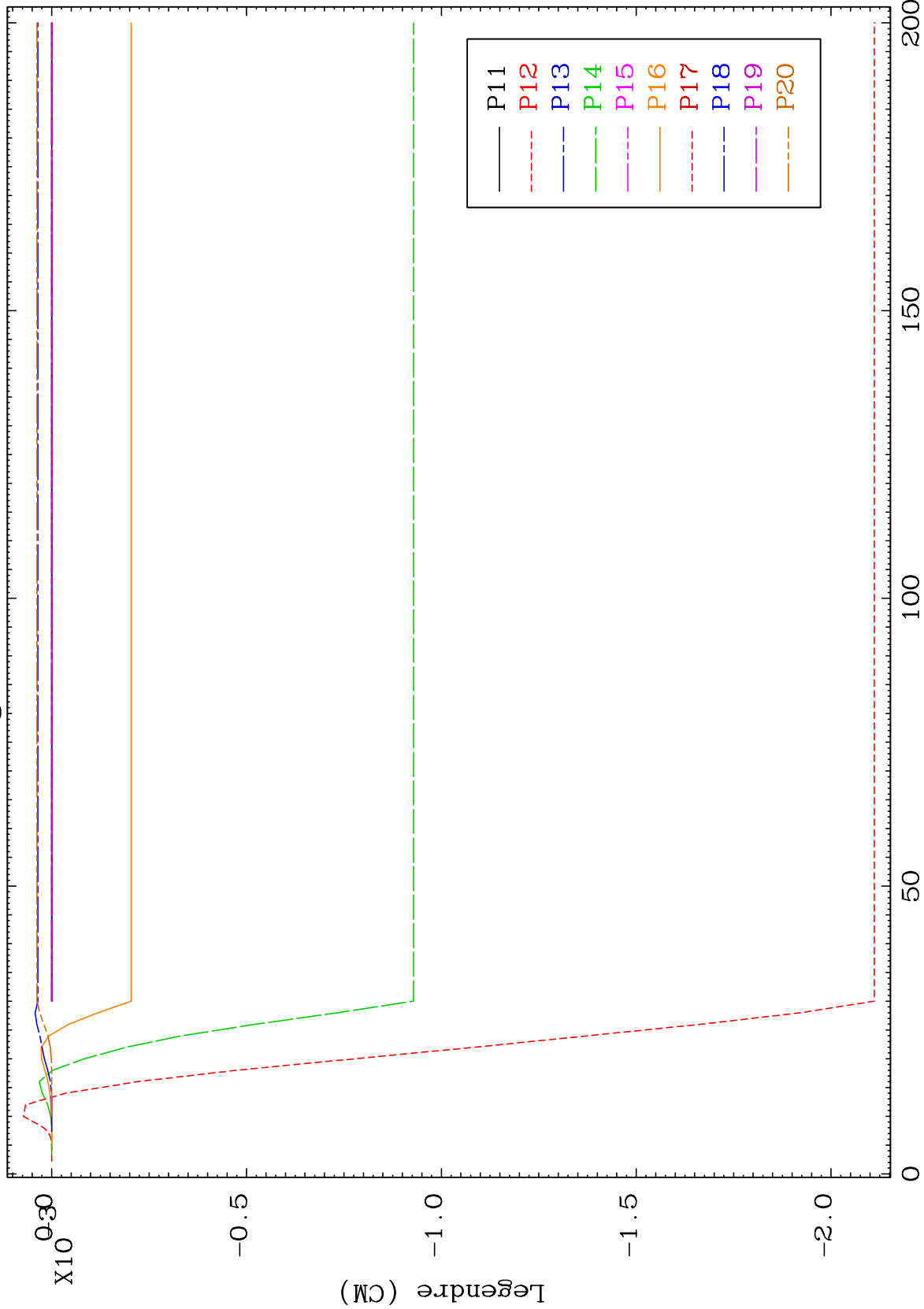




MAT 7634

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

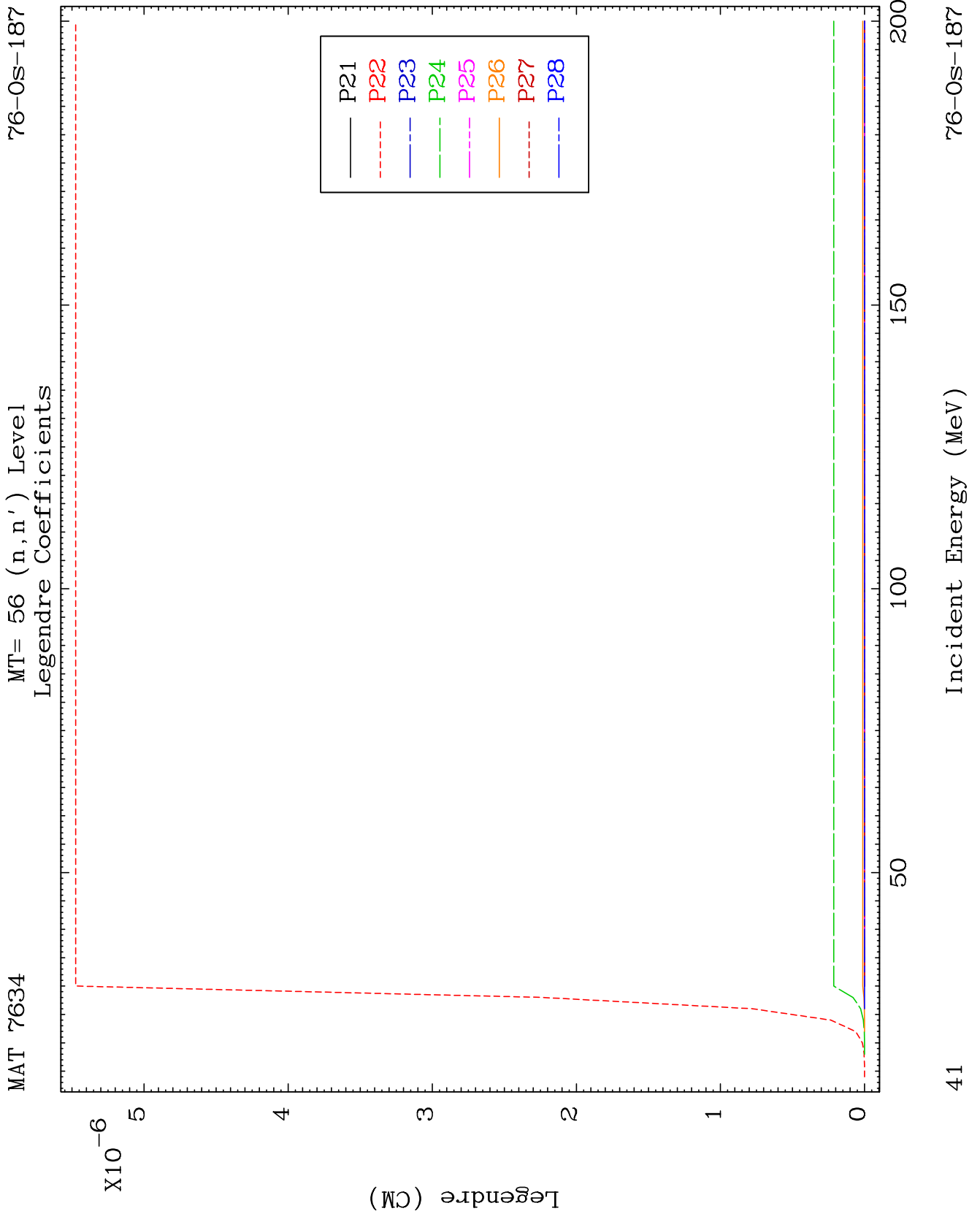
76-Os-187



40

Incident Energy (MeV)

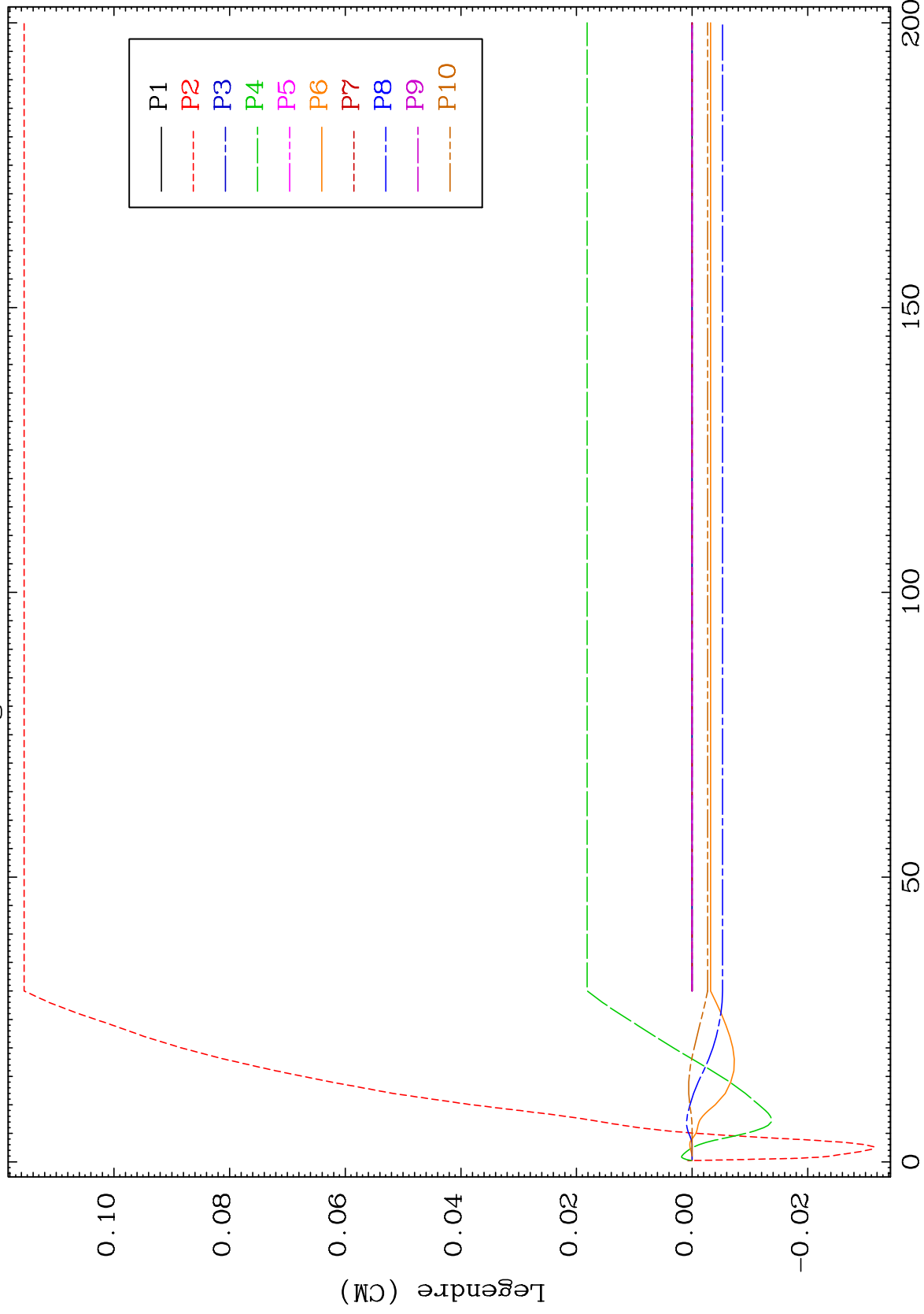
76-Os-187



MAT 7634

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

76-Os-187



42

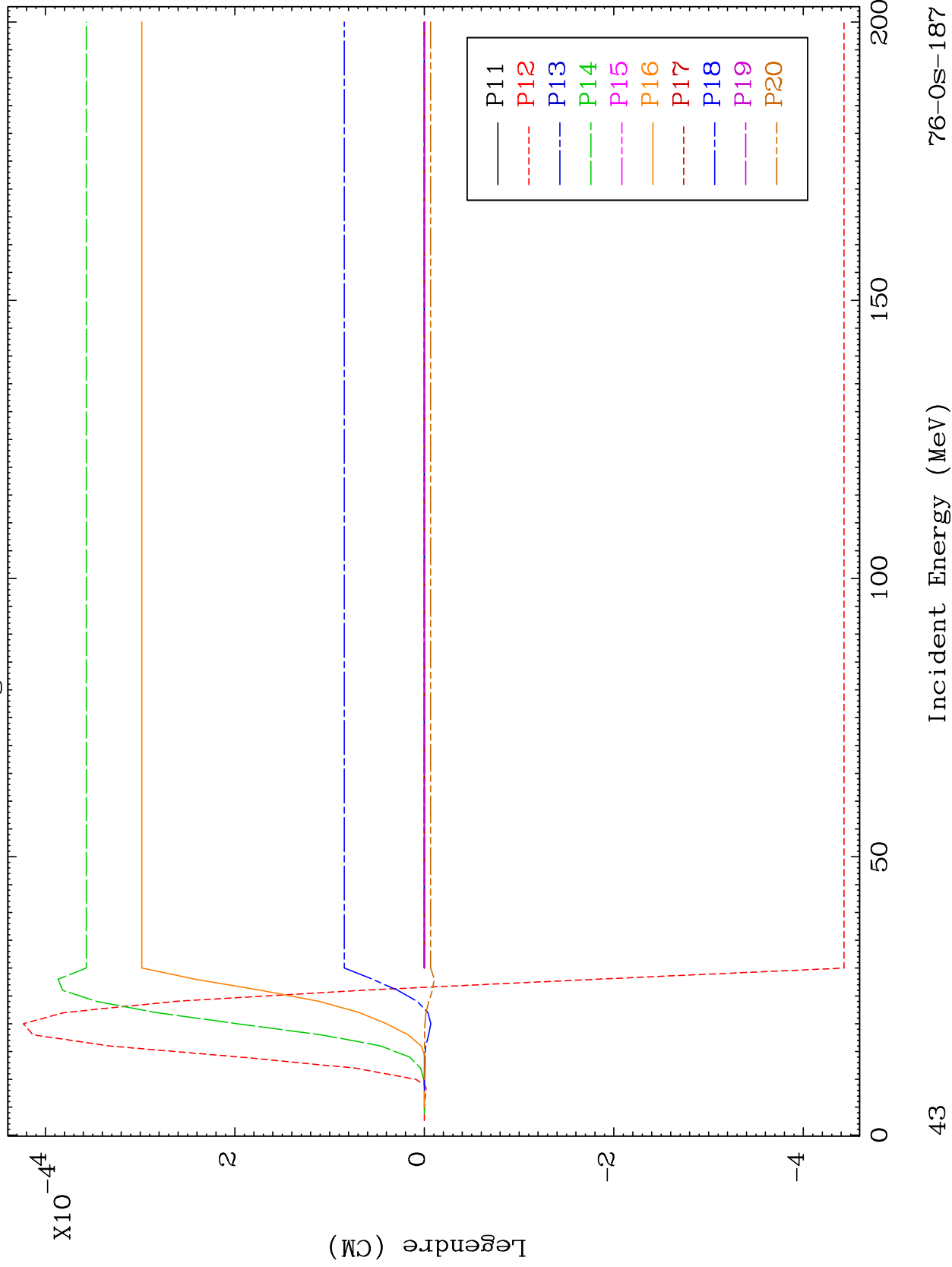
Incident Energy (MeV)

76-Os-187

MAT 7634

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

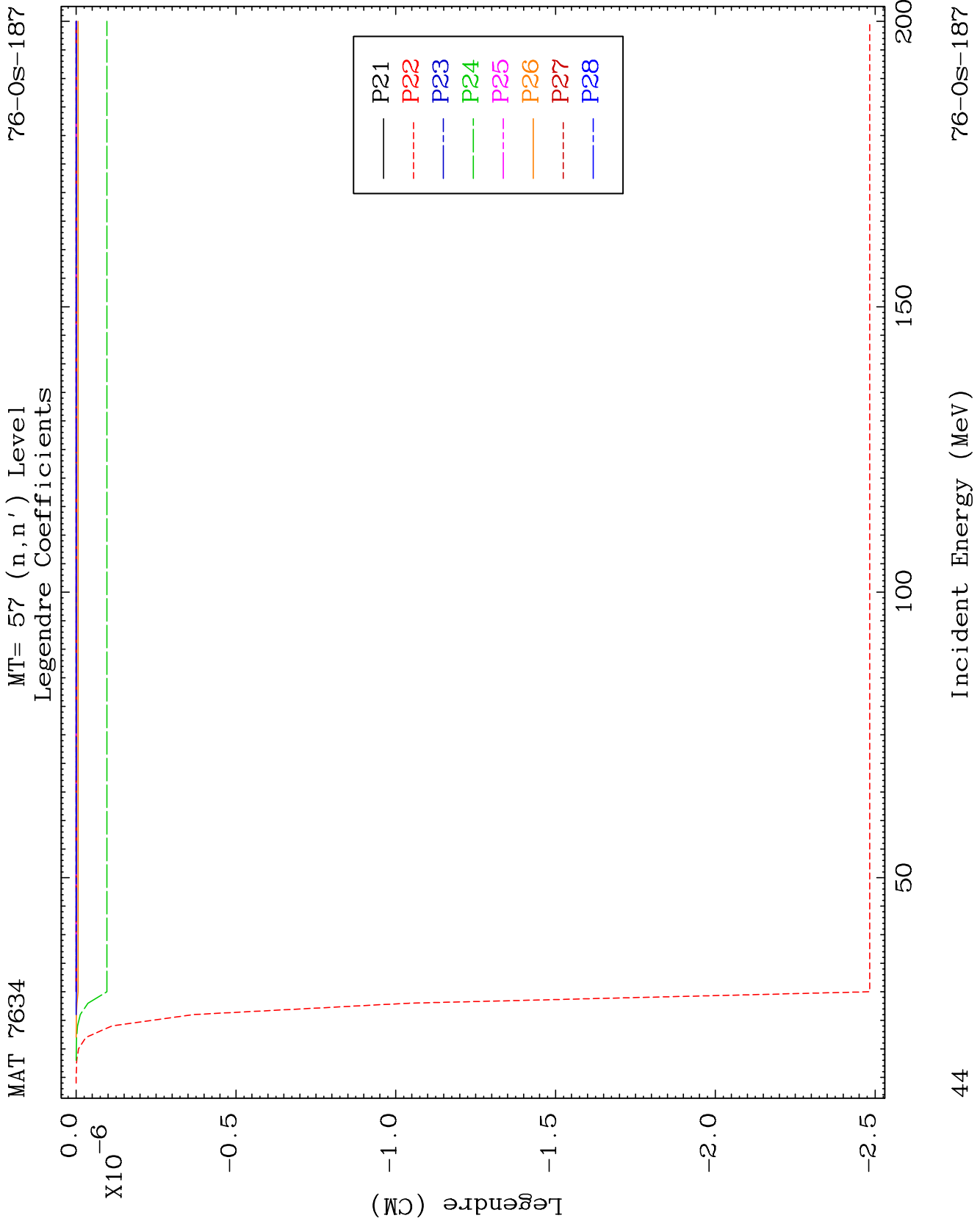
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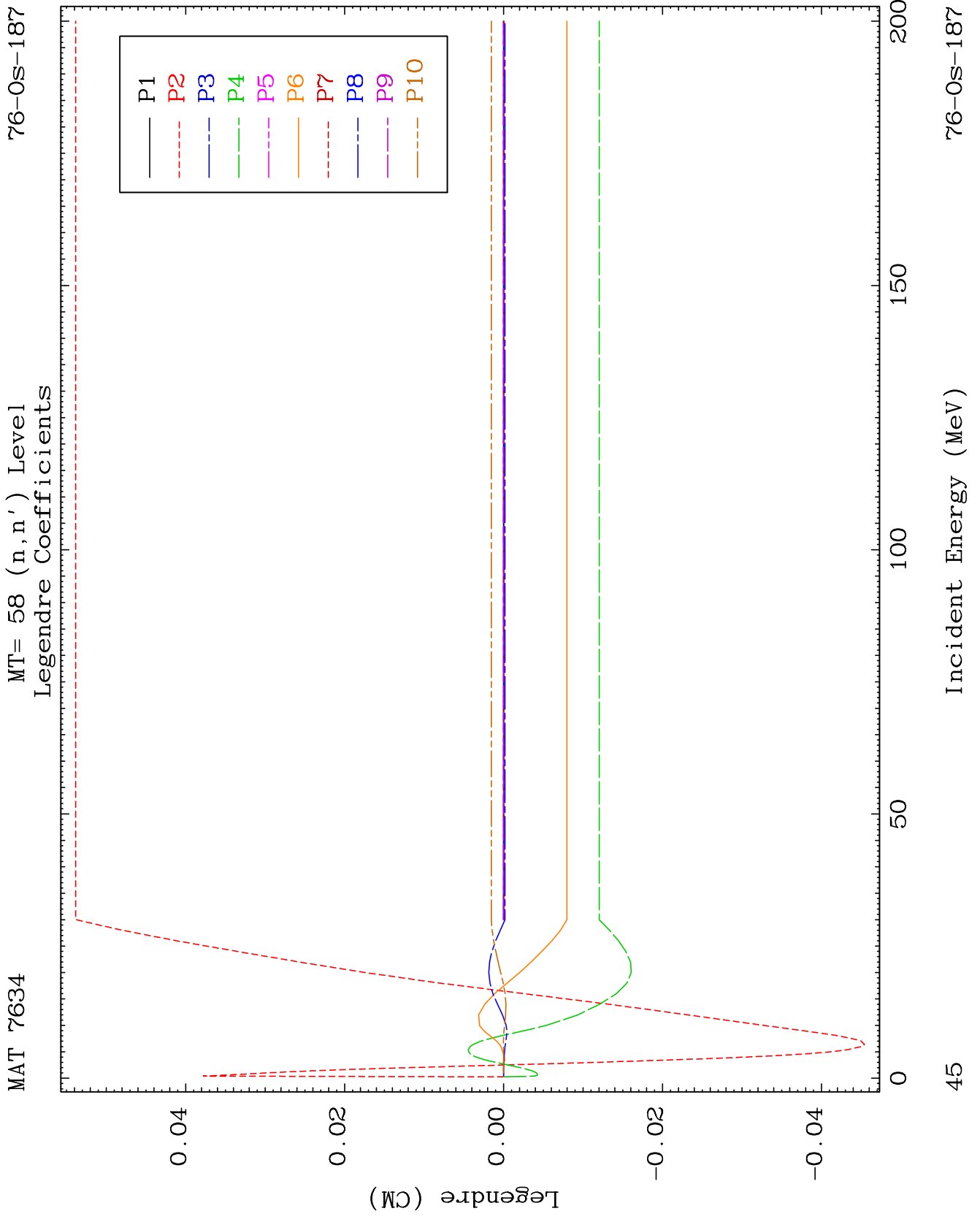


43

Incident Energy (MeV)

76-Os-187

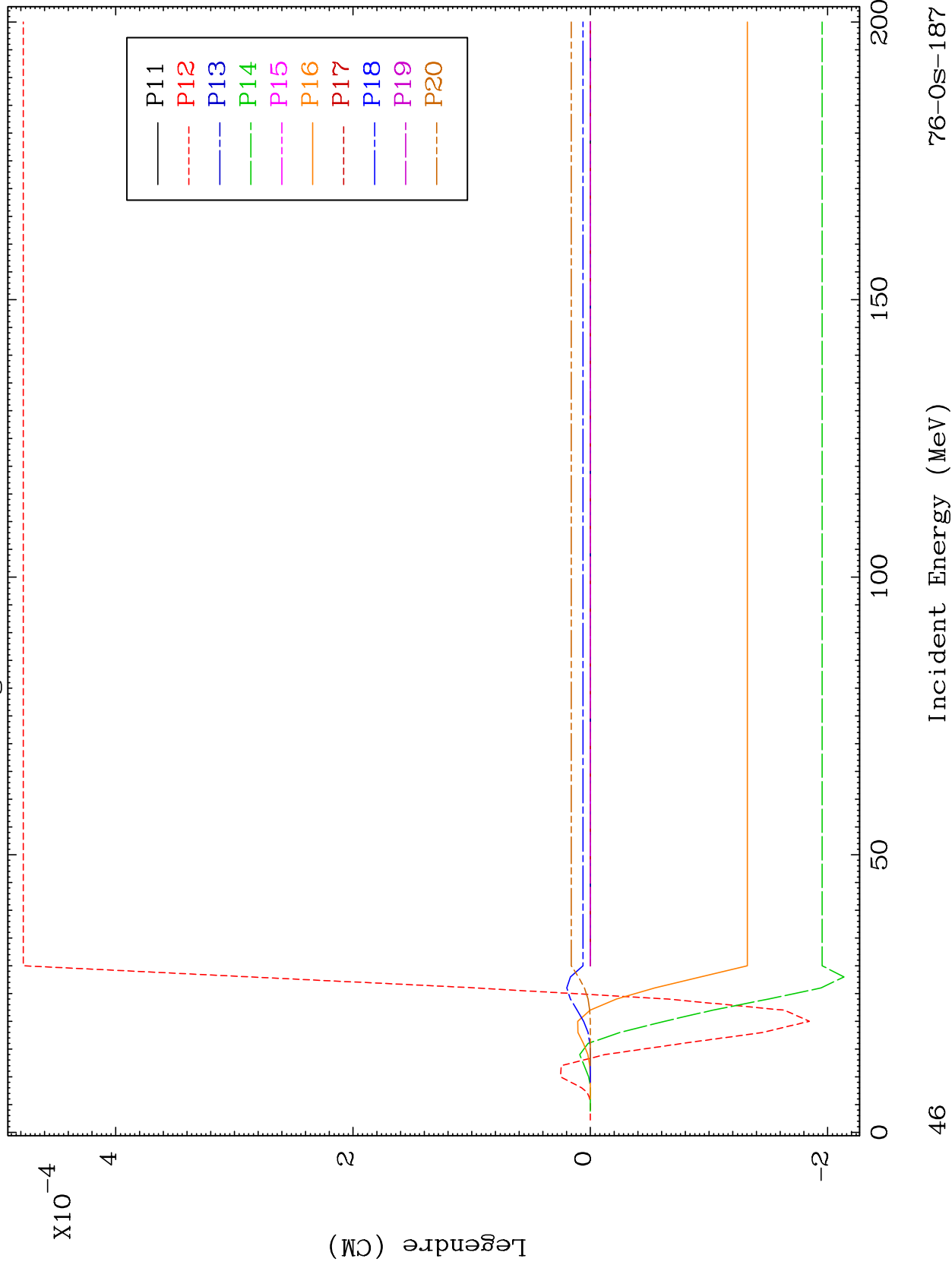




MAT 7634

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

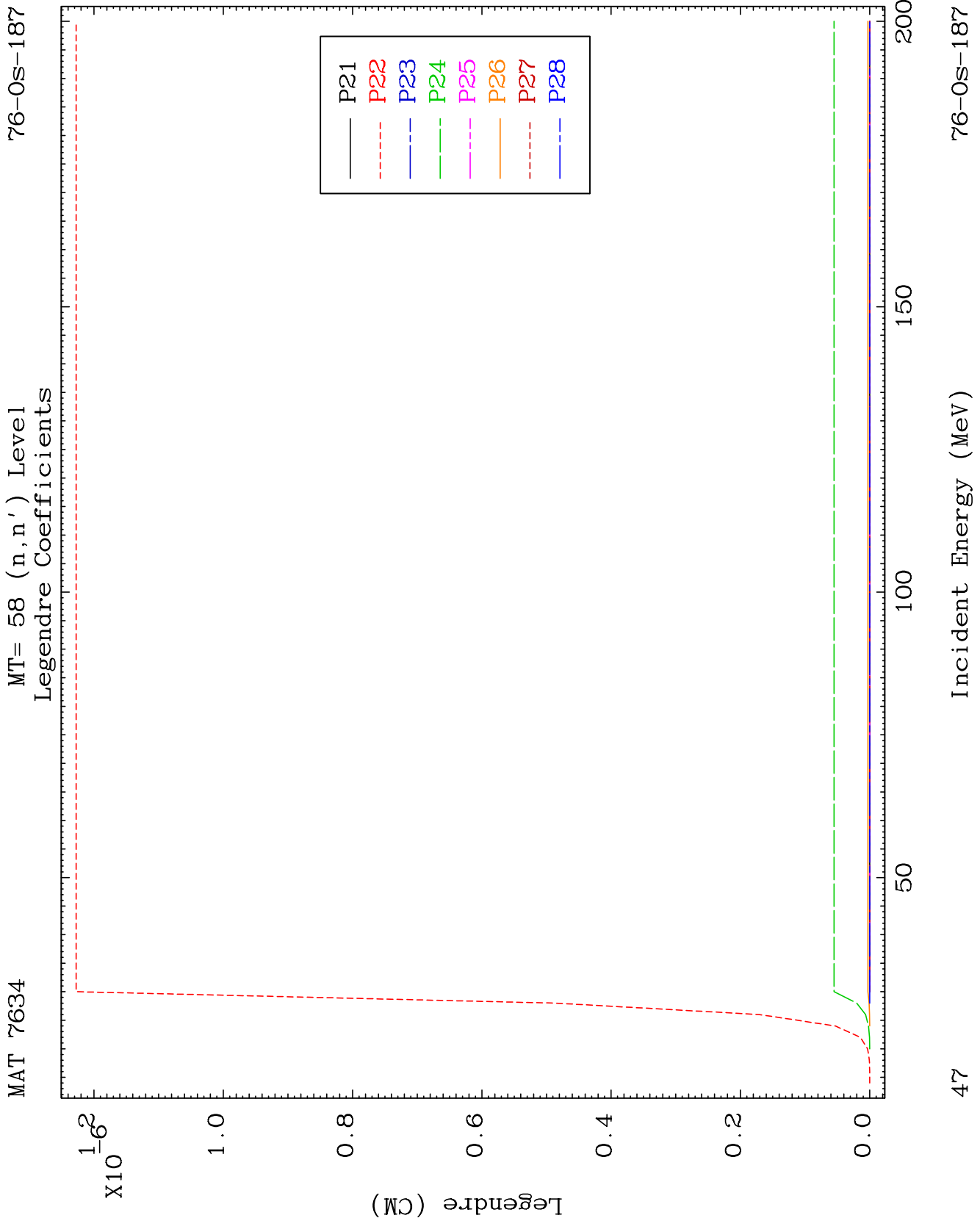
76-Os-187

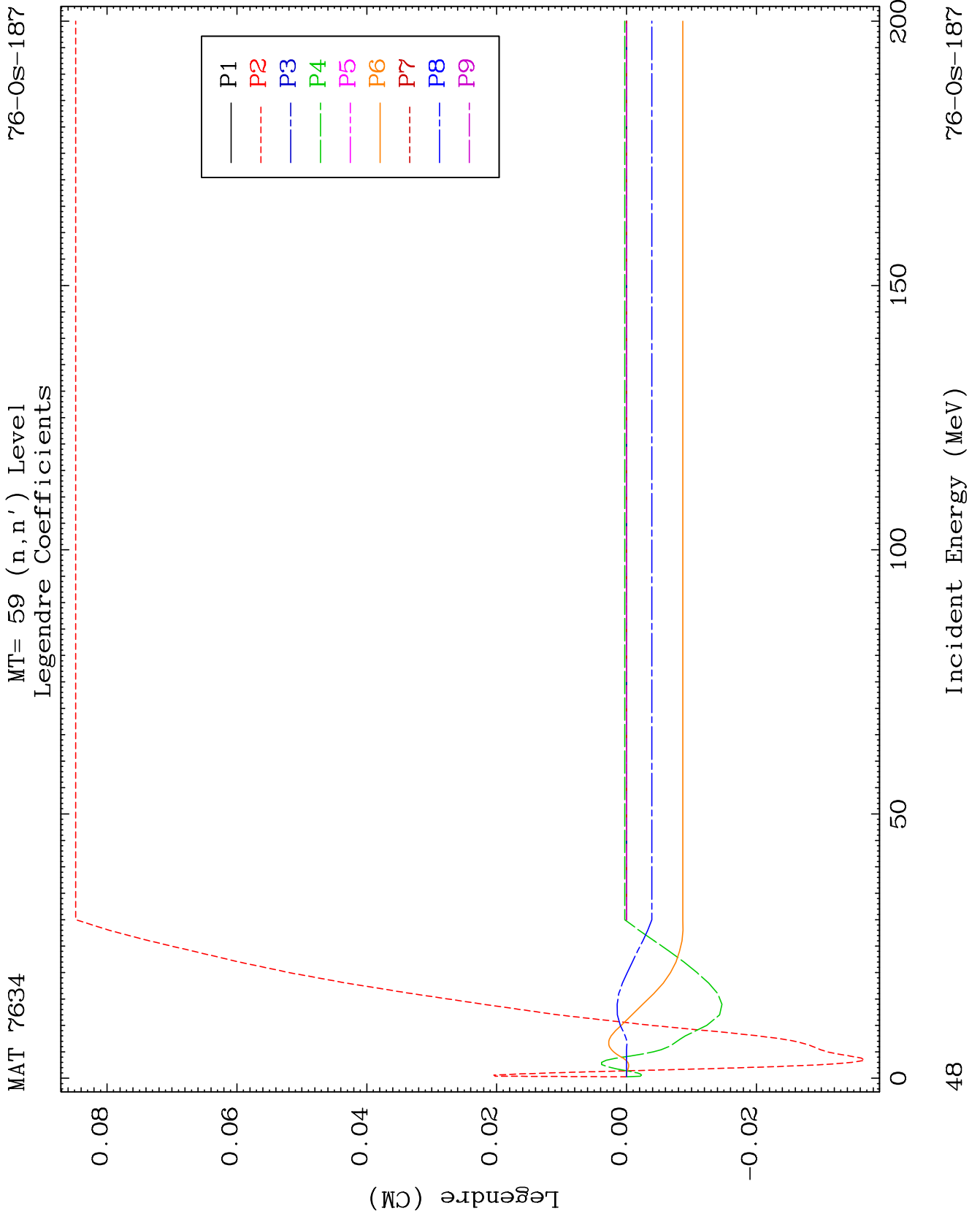


46

Incident Energy (MeV)

76-Os-187

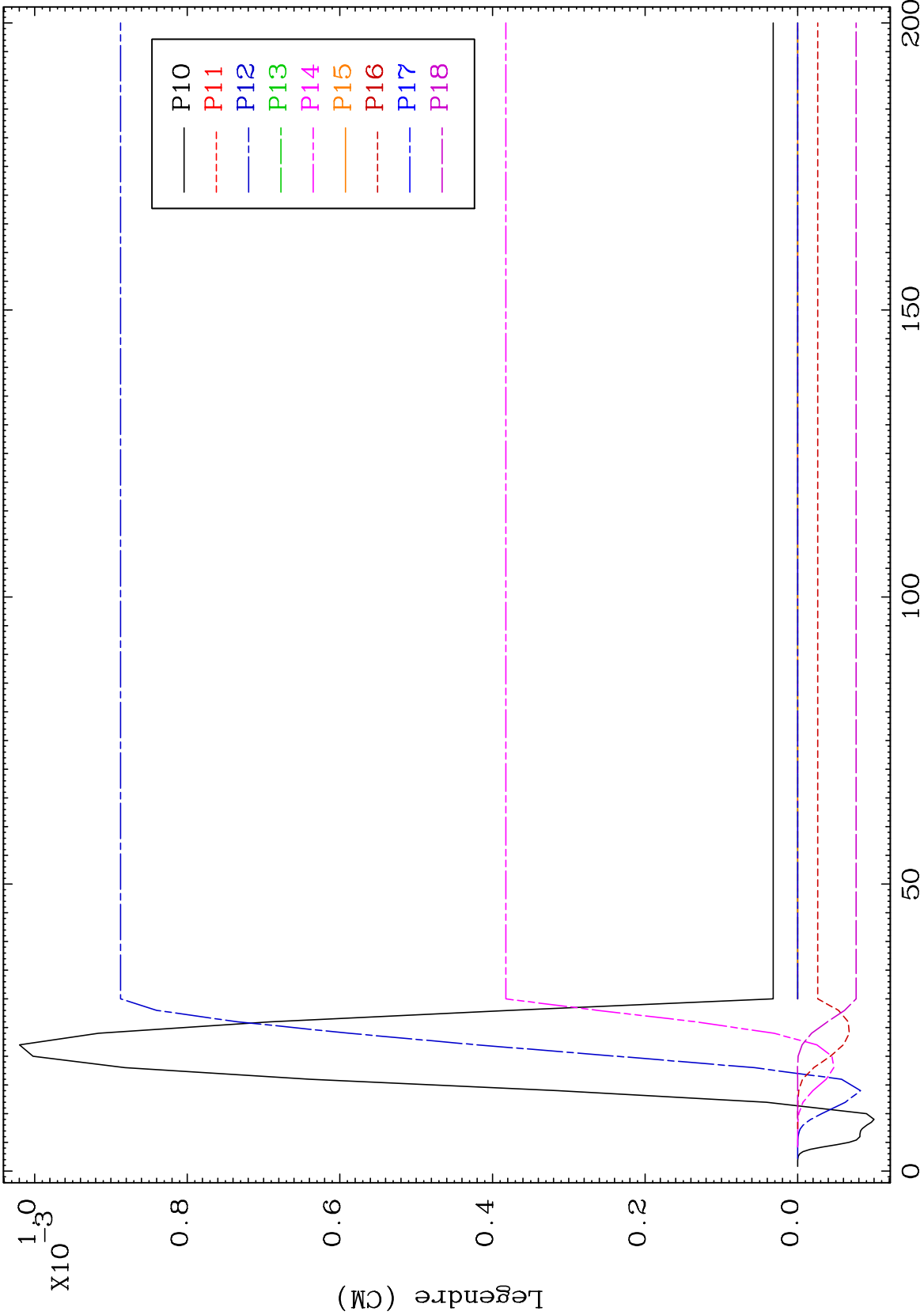




MAT 7634

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

76-Os-187



49

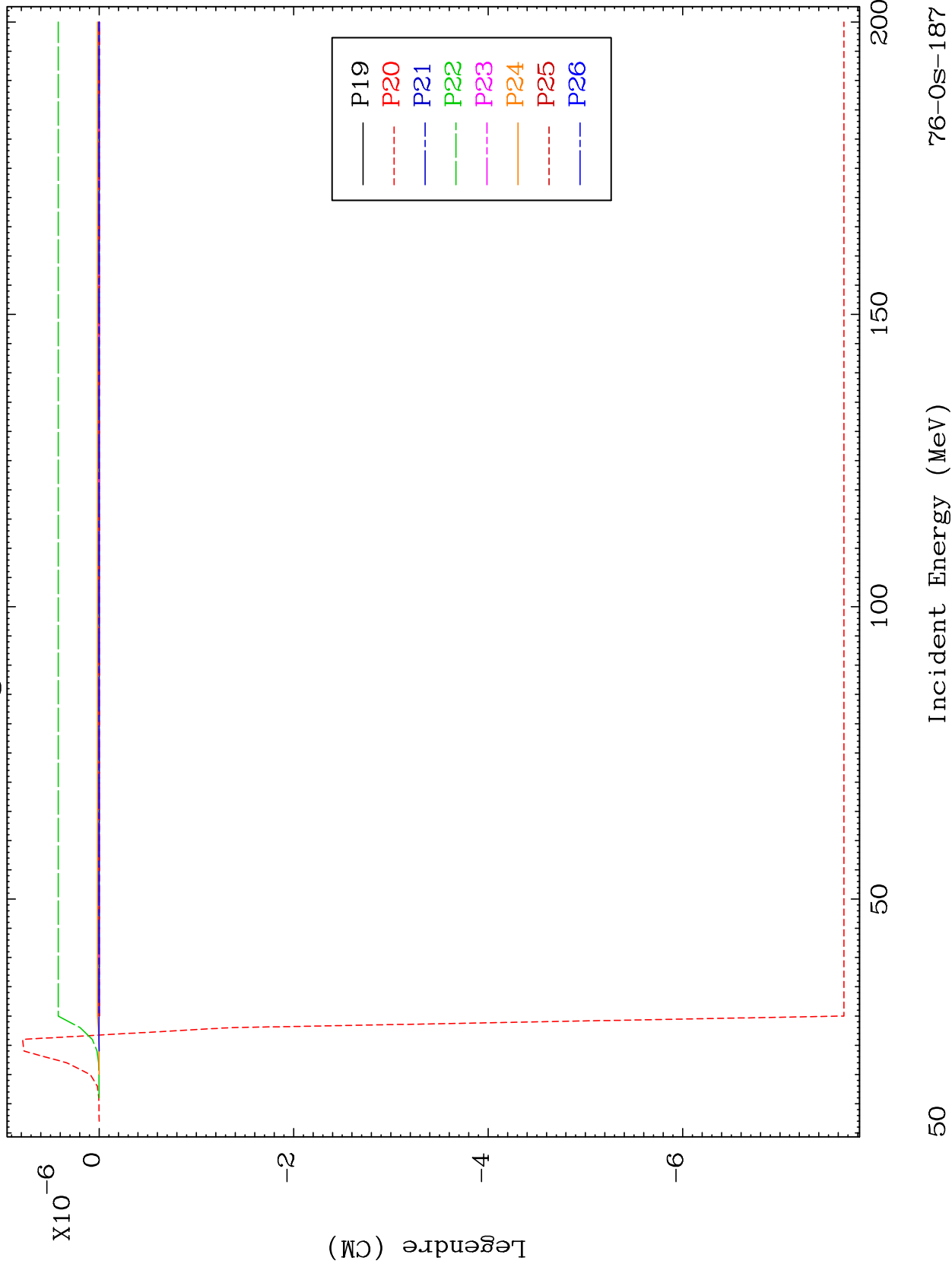
Incident Energy (MeV)

76-Os-187

MAT 7634

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

76-Os-187



76-Os-187

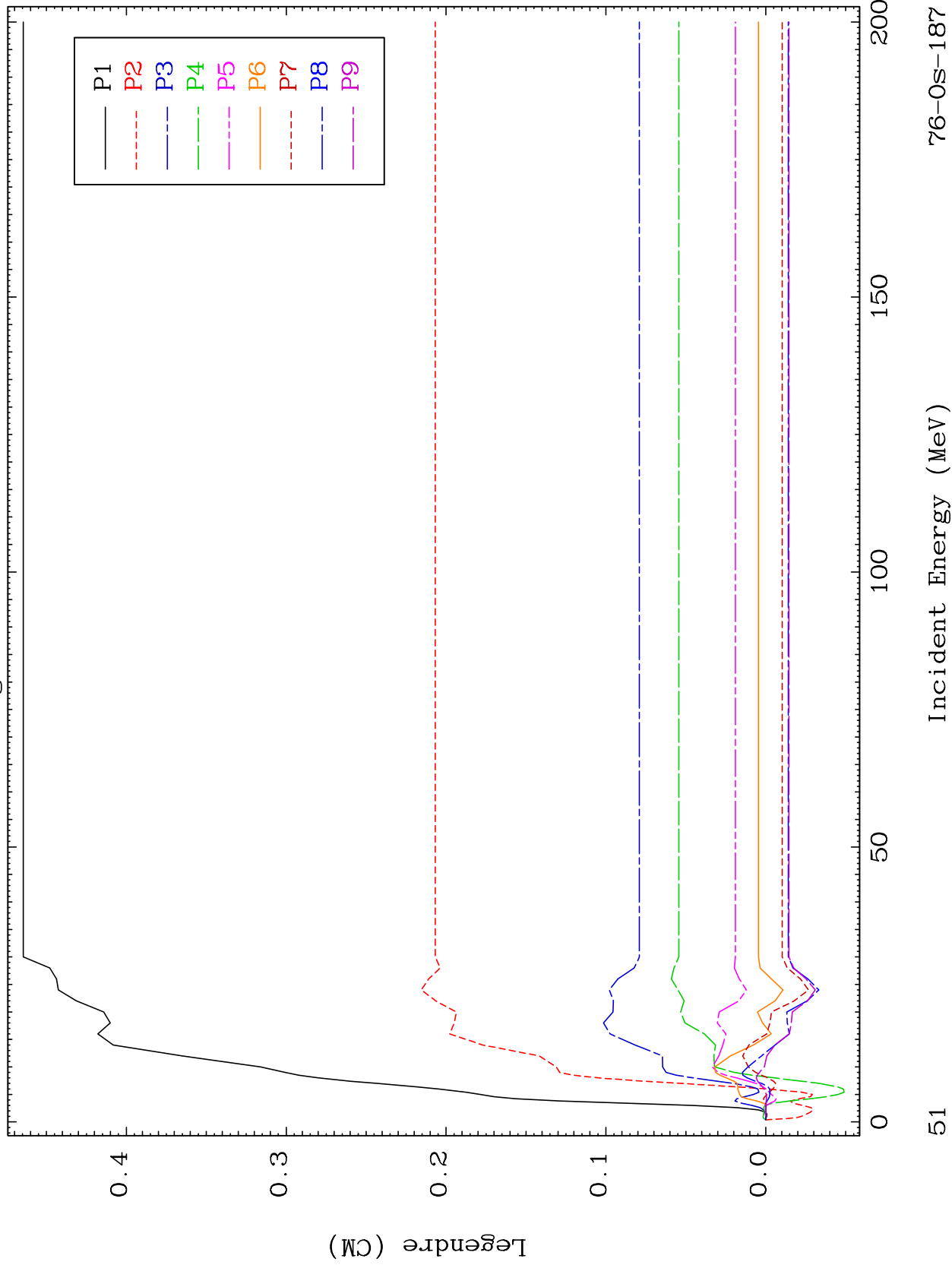
Incident Energy (MeV)

50

MAT 7634

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

76-Os-187



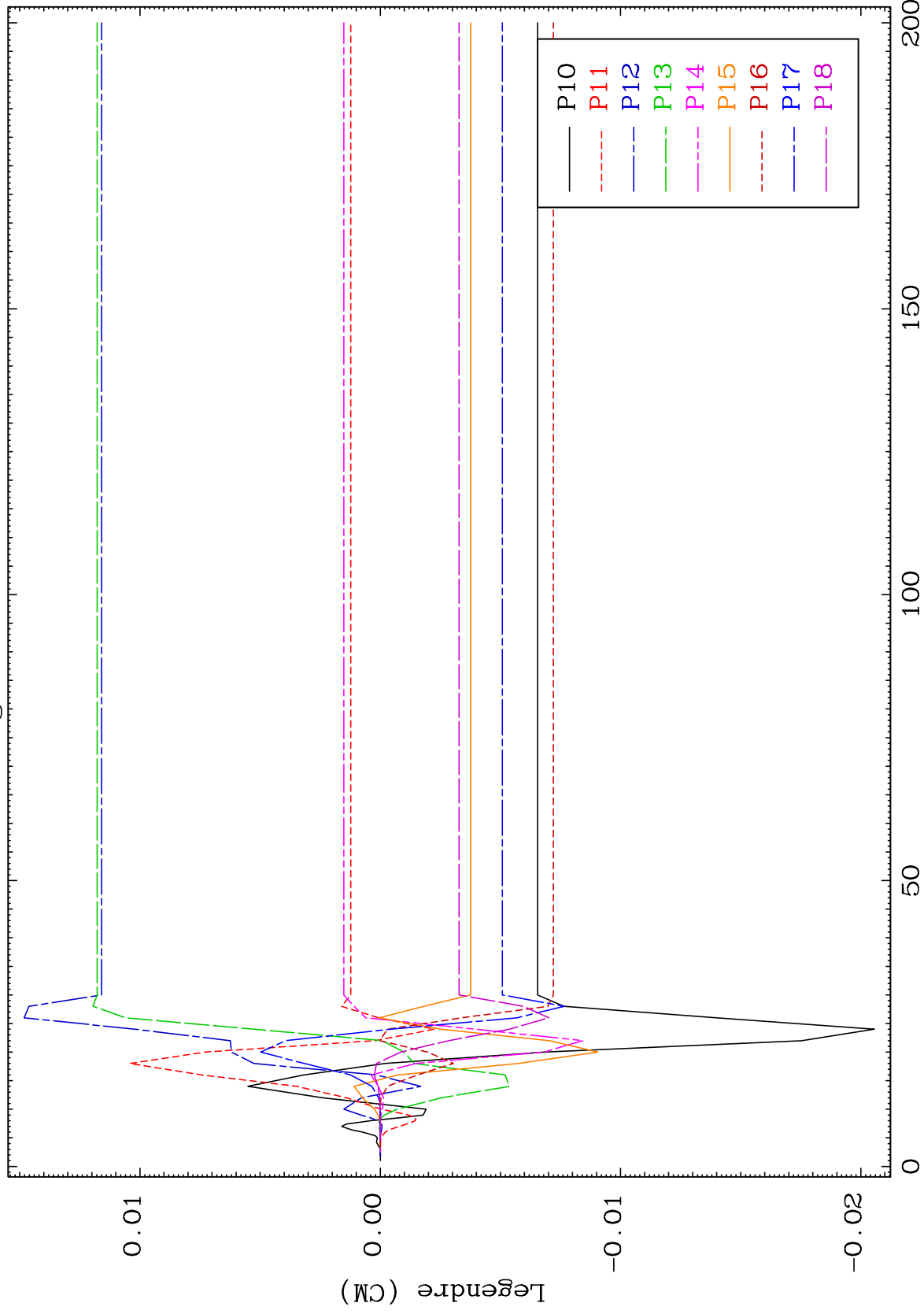
51

76-Os-187

MAT 7634

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

76-0s-187



52

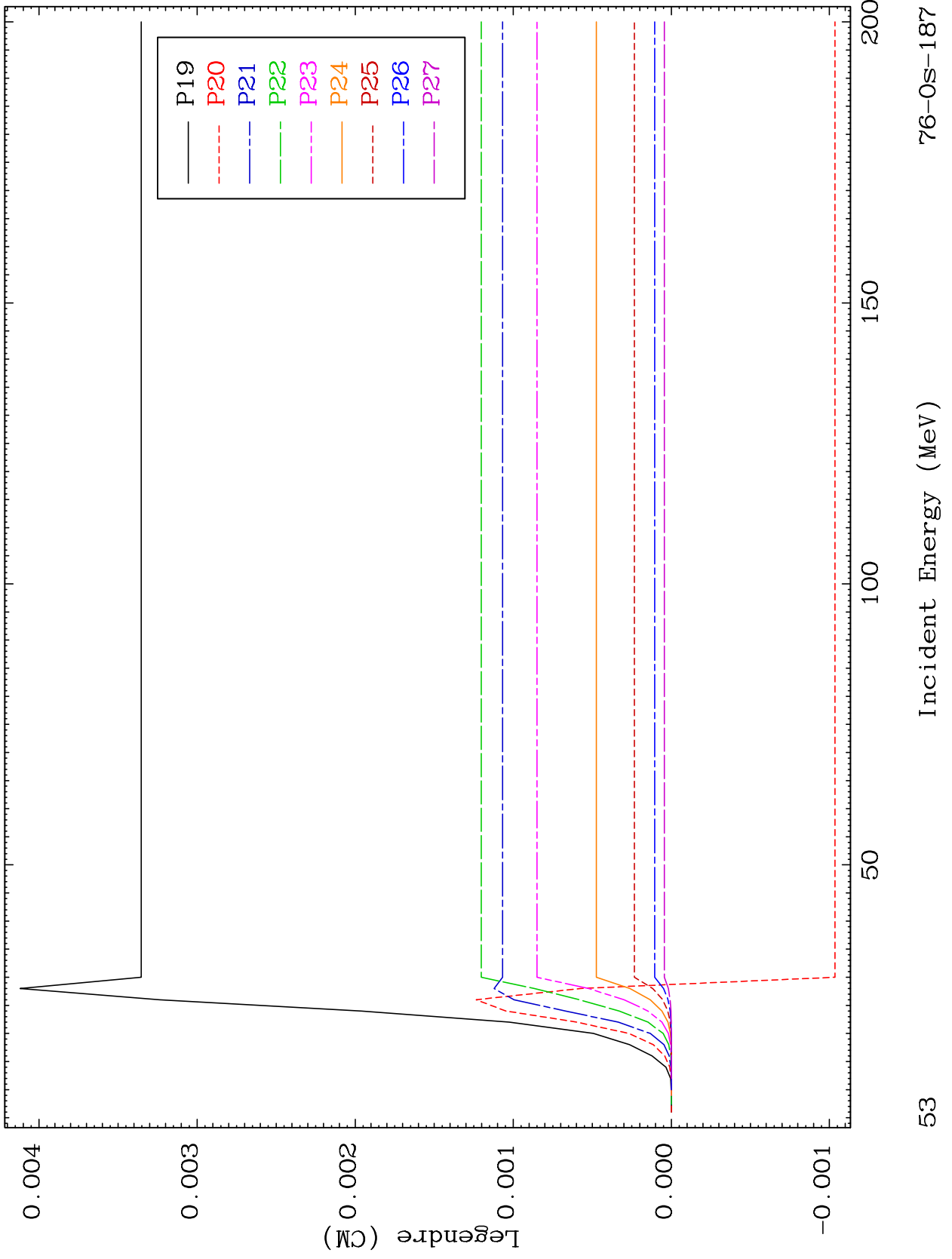
Incident Energy (MeV)

76-0s-187

MAT 7634

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

76-Os-187



53

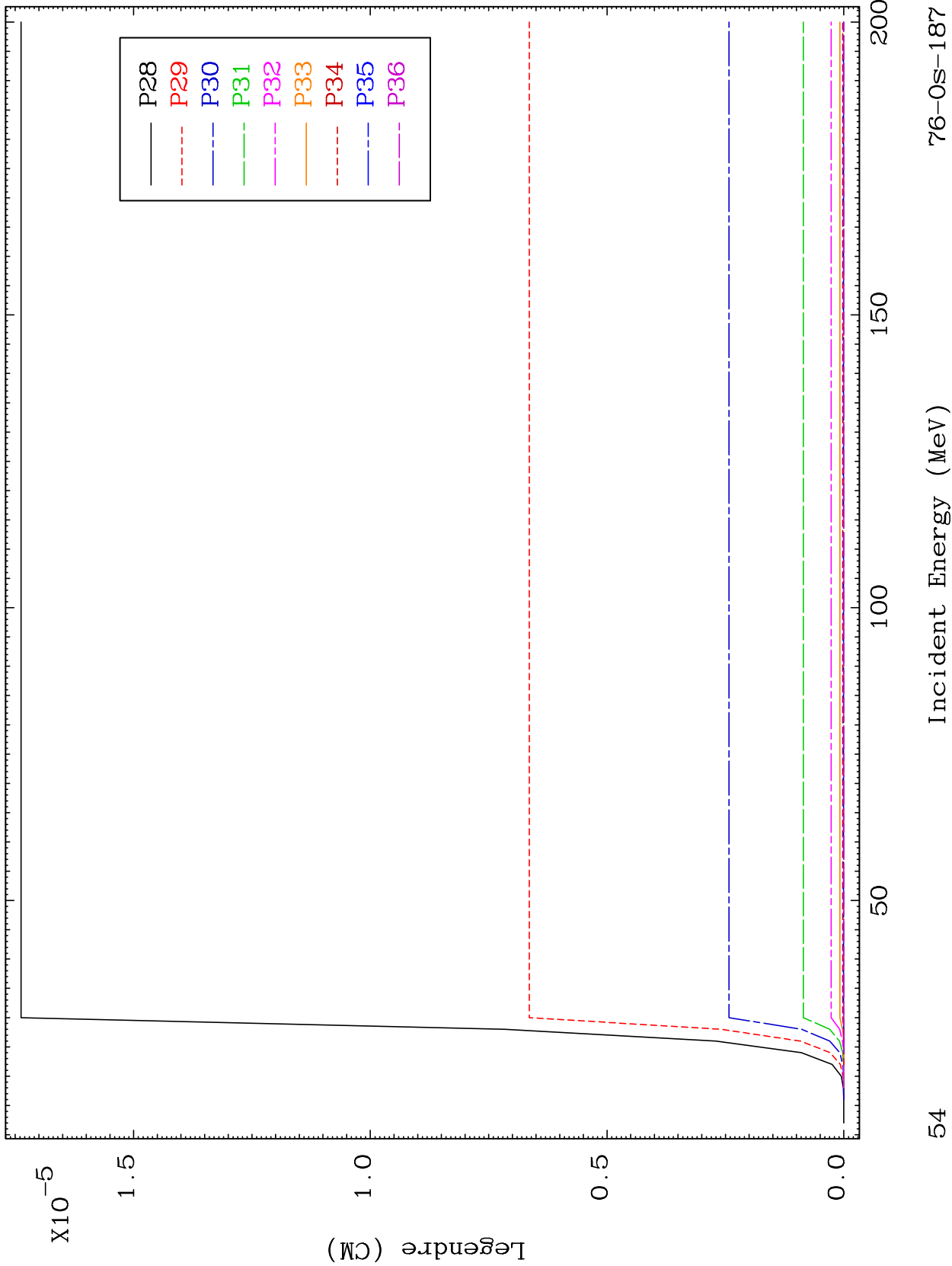
Incident Energy (MeV)

76-Os-187

MAT 7634

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

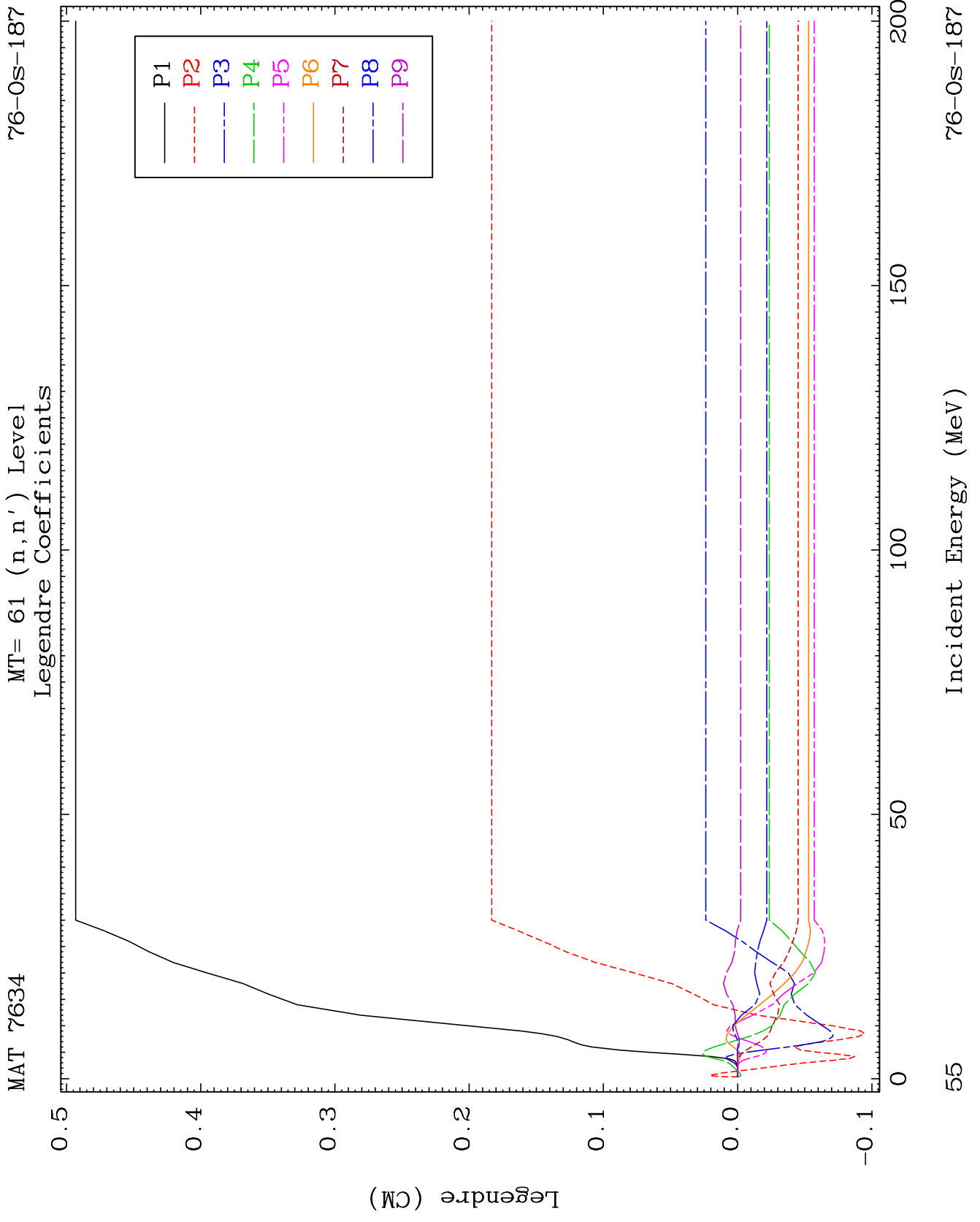
76-Os-187

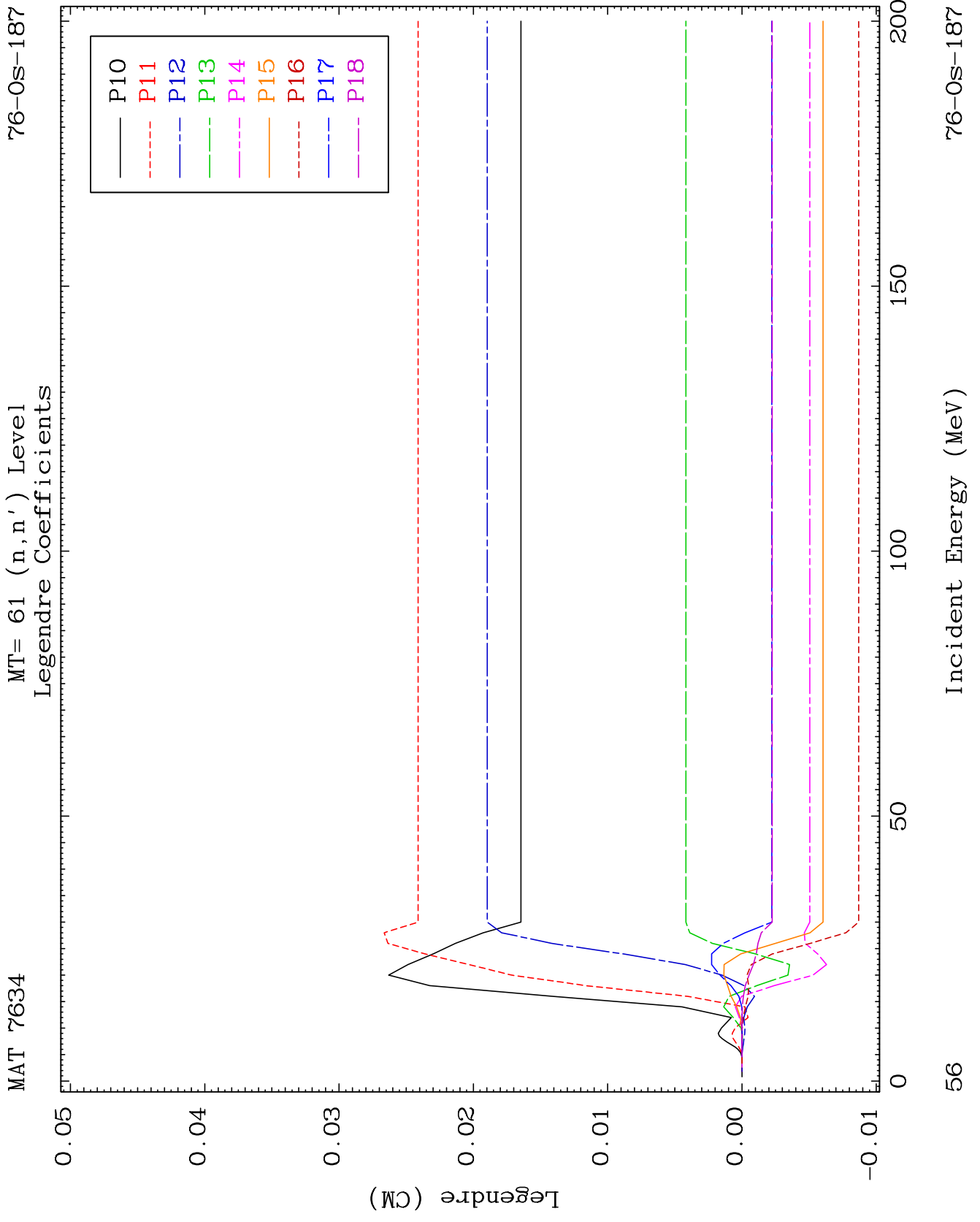


54

Incident Energy (MeV)

76-Os-187

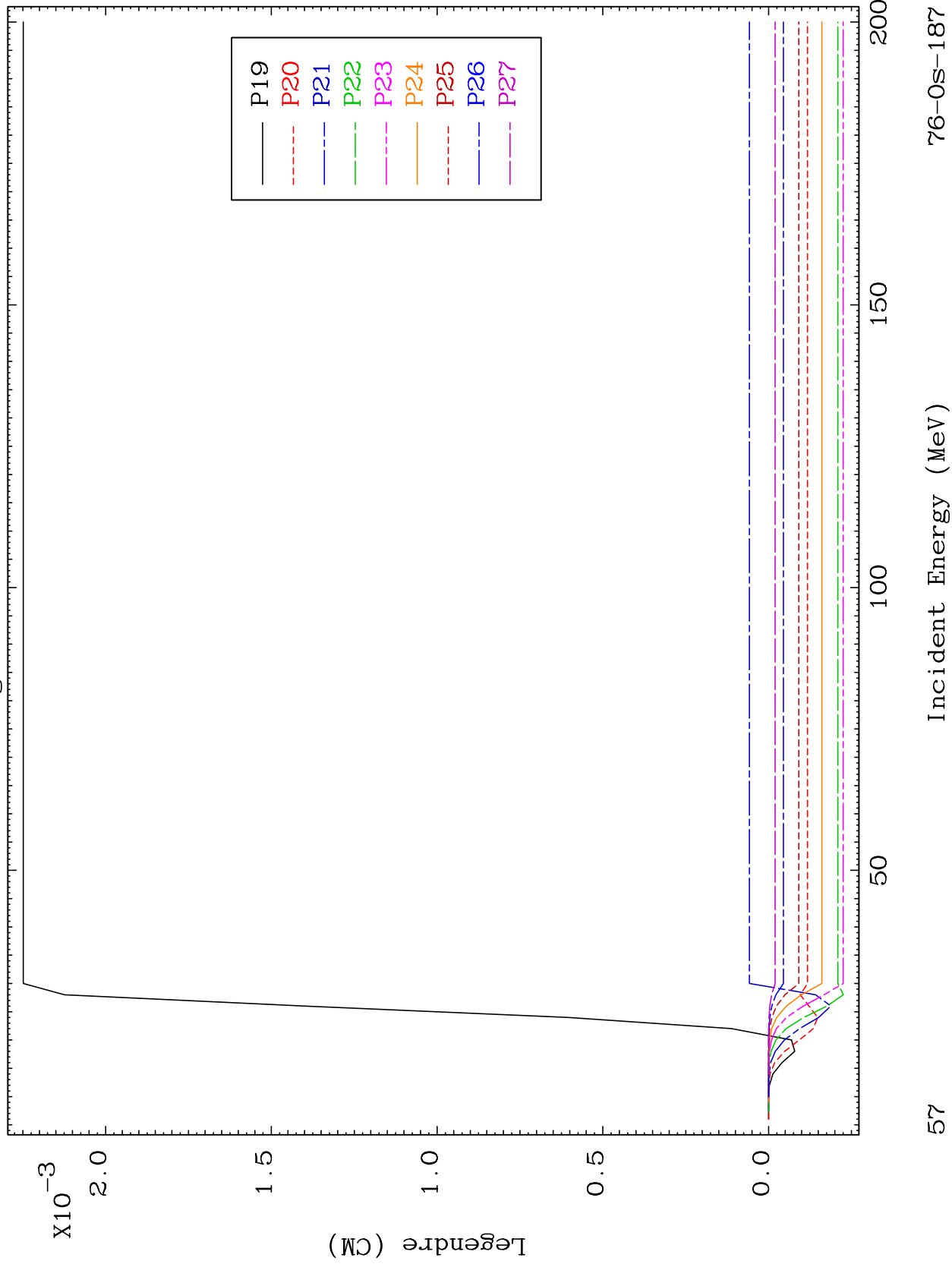




MAT 7634

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

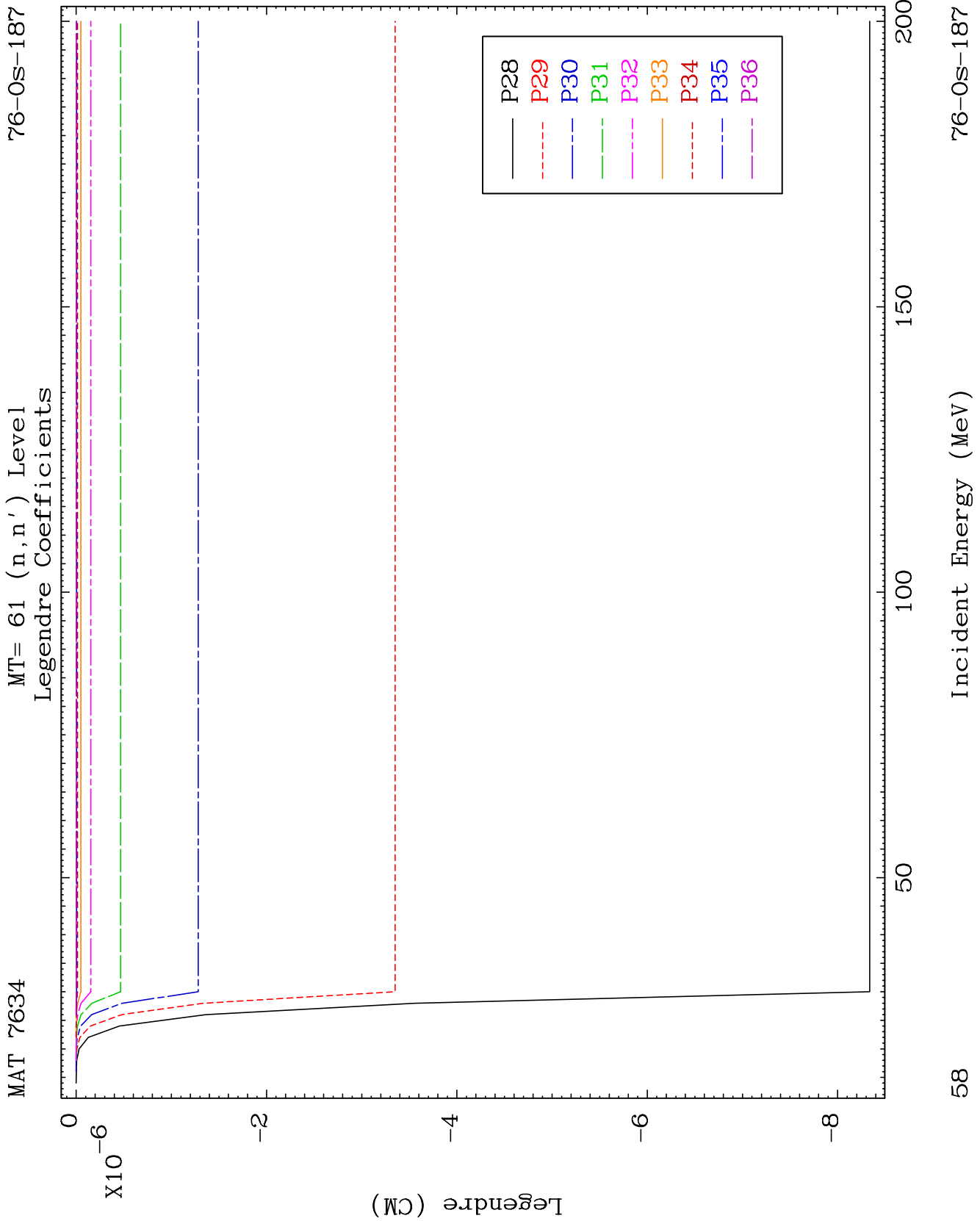
76-Os-187



57

Incident Energy (MeV)

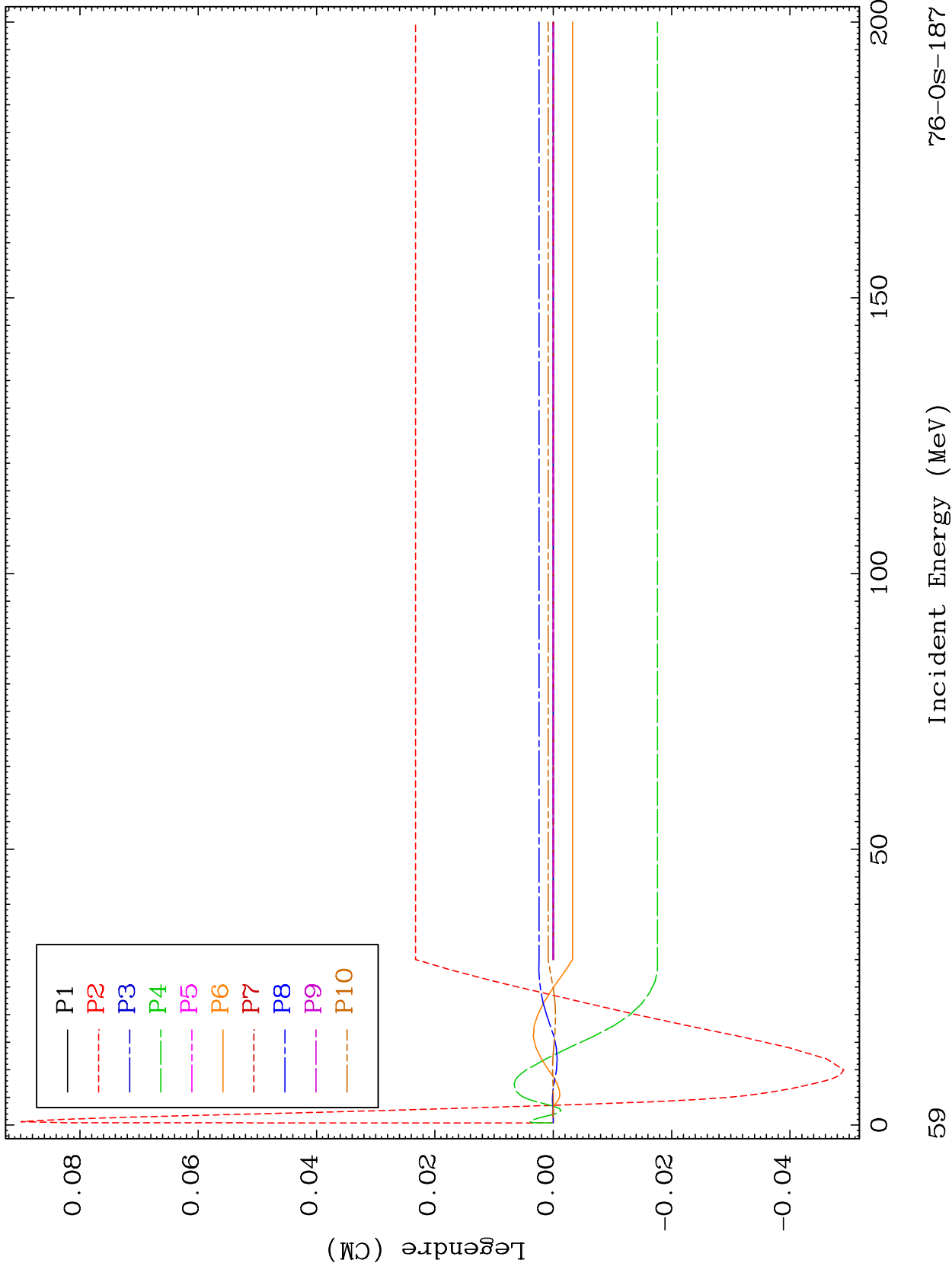
76-Os-187



MAT 7634

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

76-Os-187



76-Os-187

Incident Energy (MeV)

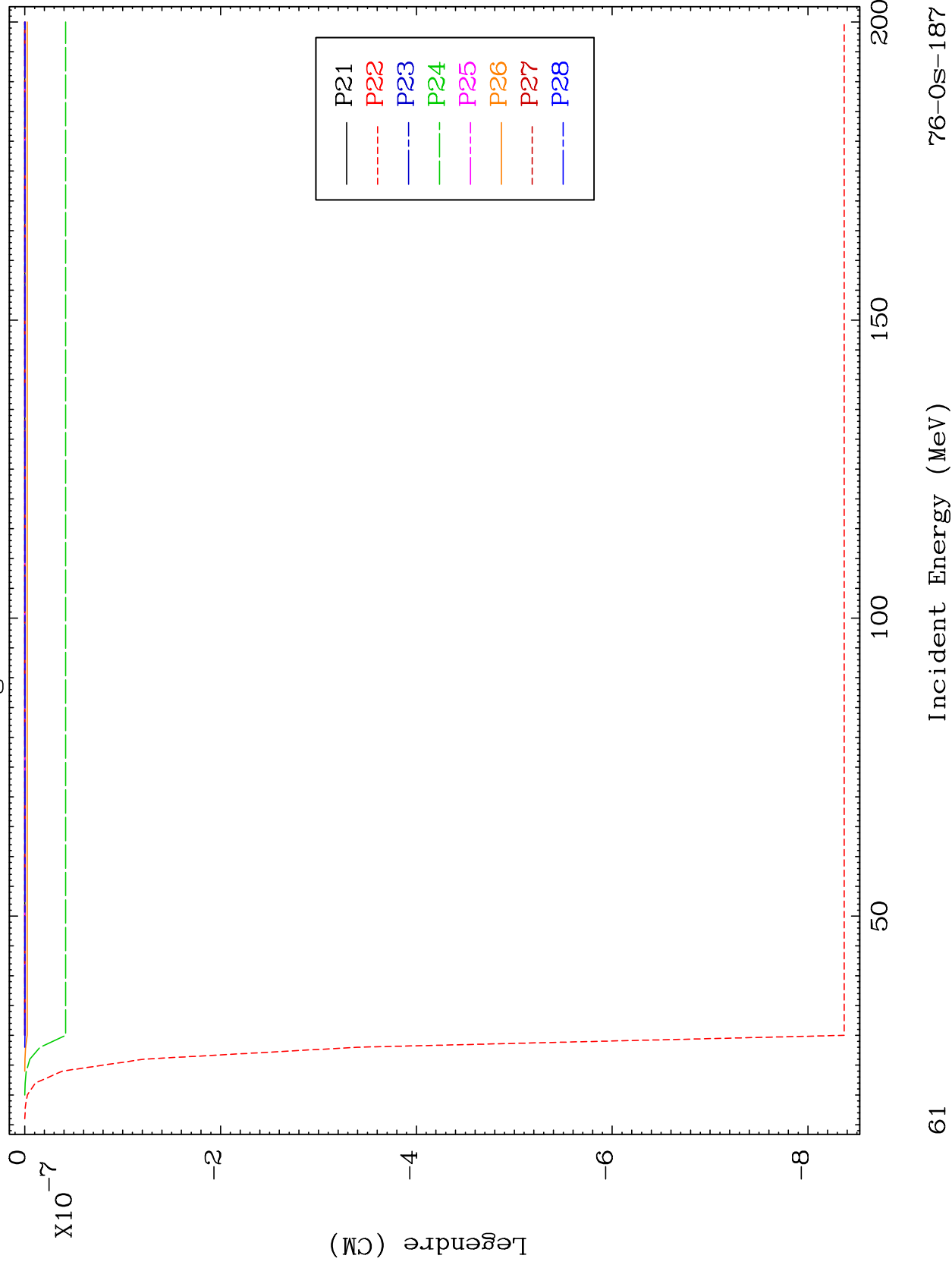
59



MAT 7634

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

76-Os-187



61

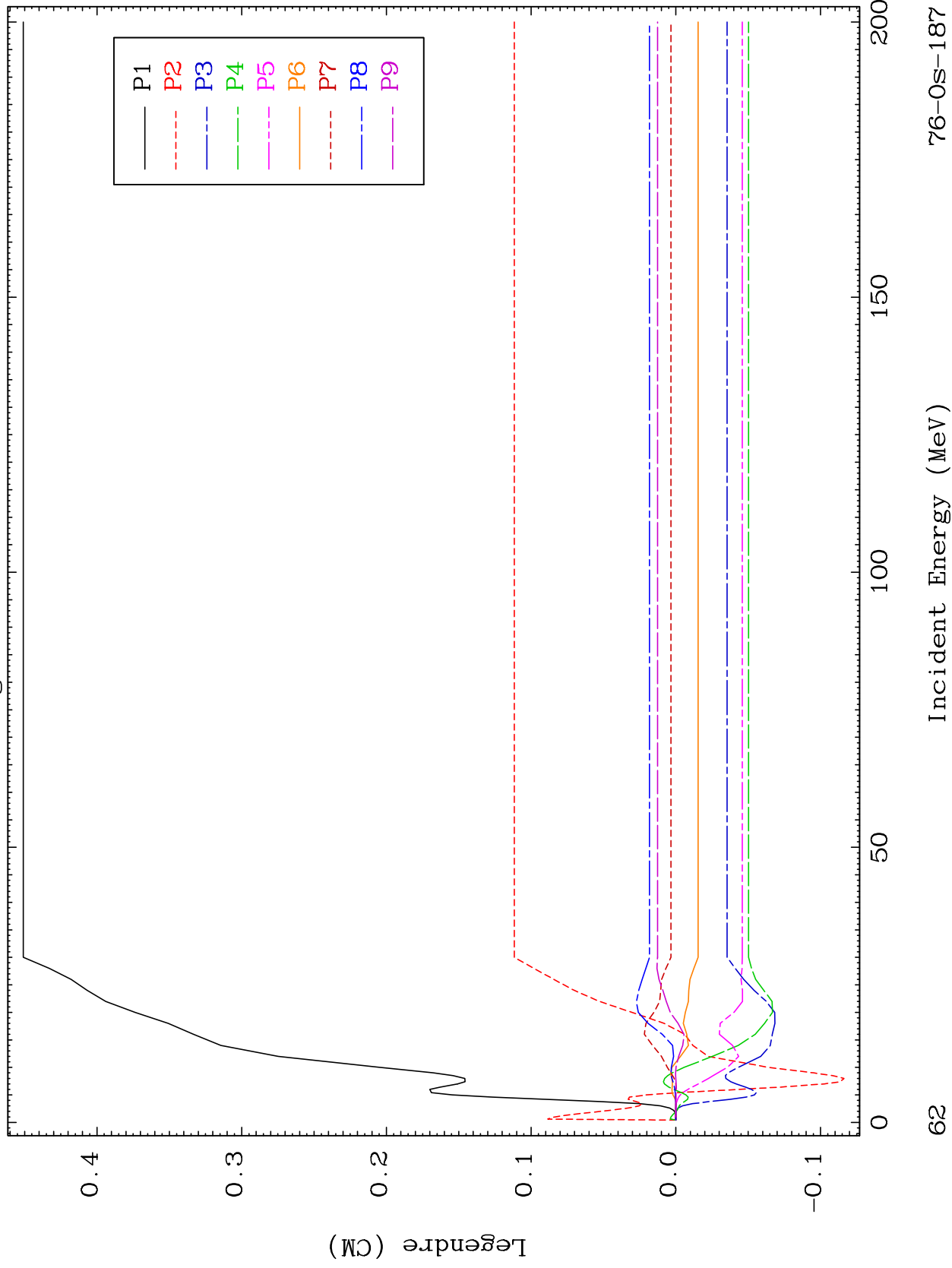
Incident Energy (MeV)

76-Os-187

MAT 7634

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

76-Os-187



76-Os-187

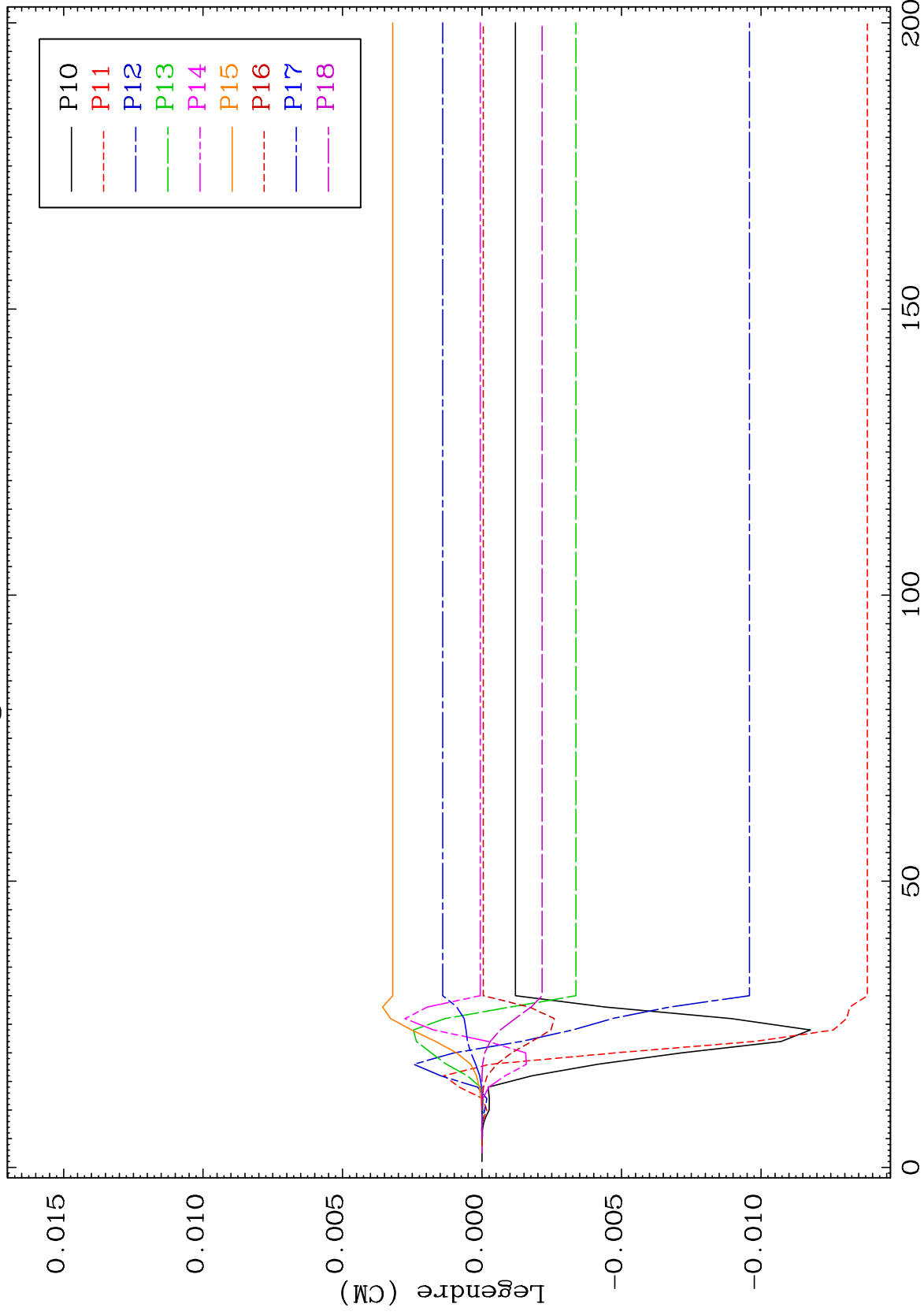
Incident Energy (MeV)

62

MAT 7634

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

76-0s-187



63

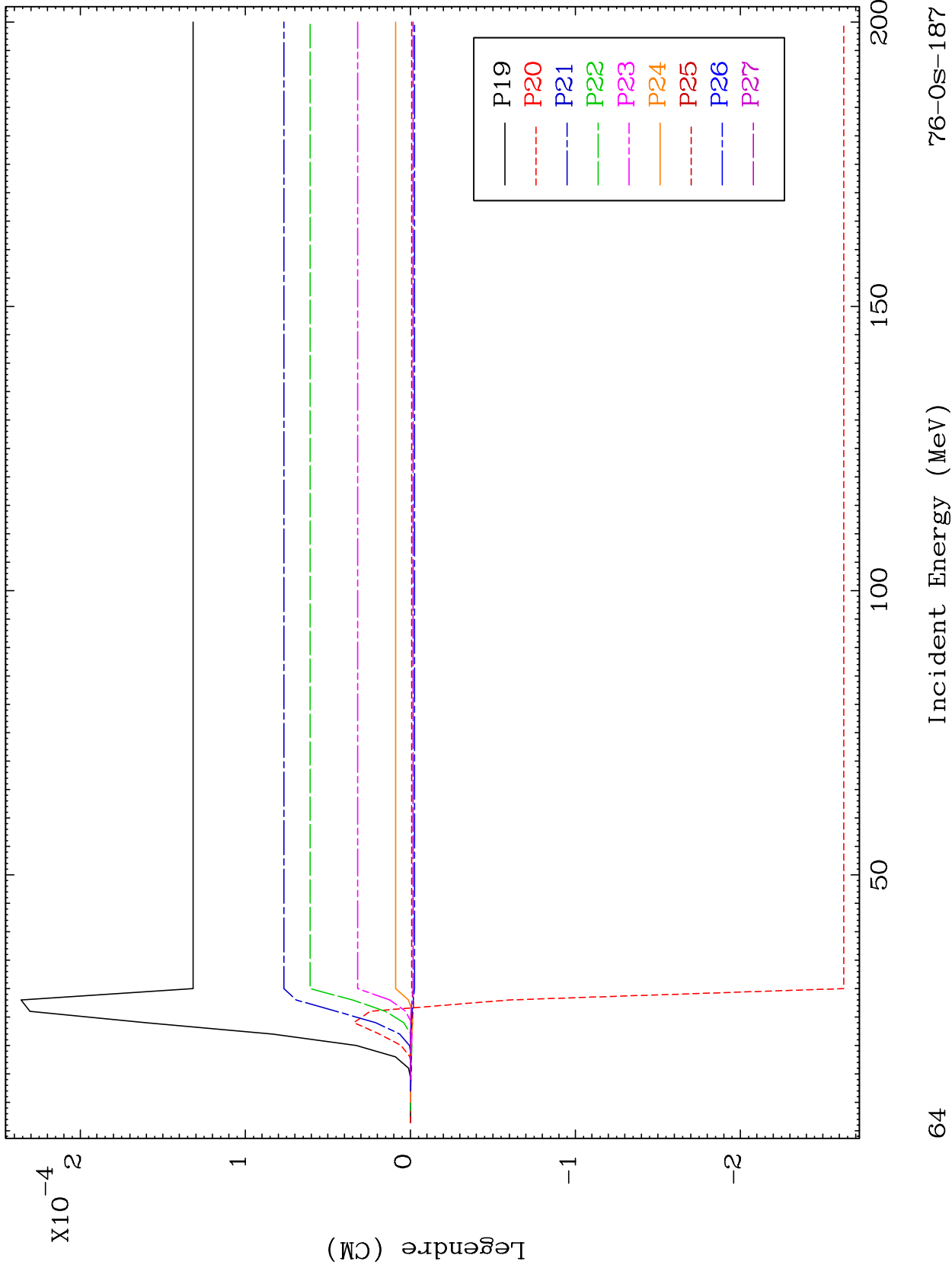
Incident Energy (MeV)

76-0s-187

MAT 7634

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

76-Os-187



64

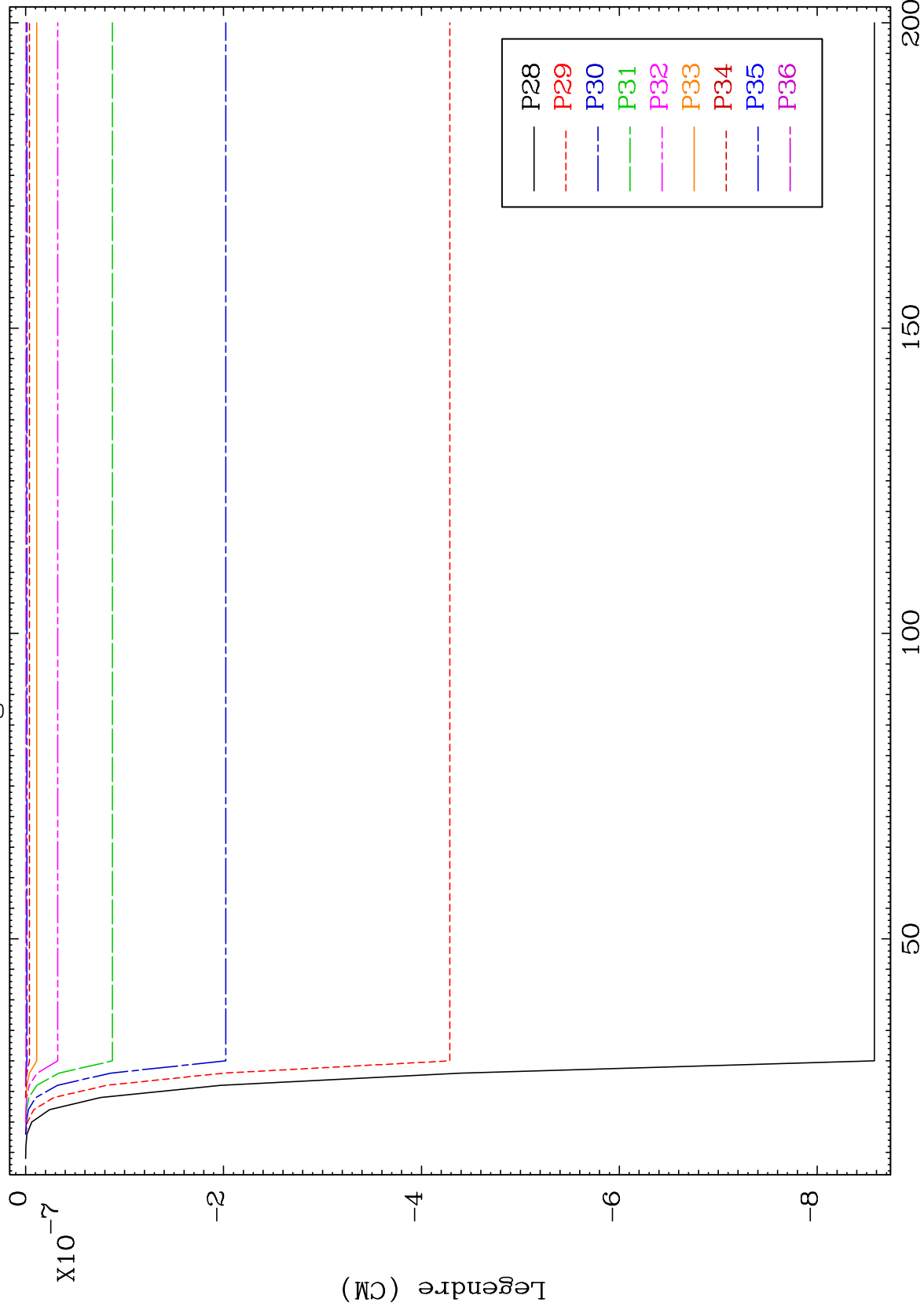
Incident Energy (MeV)

76-Os-187

MAT 7634

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

76-Os-187



65

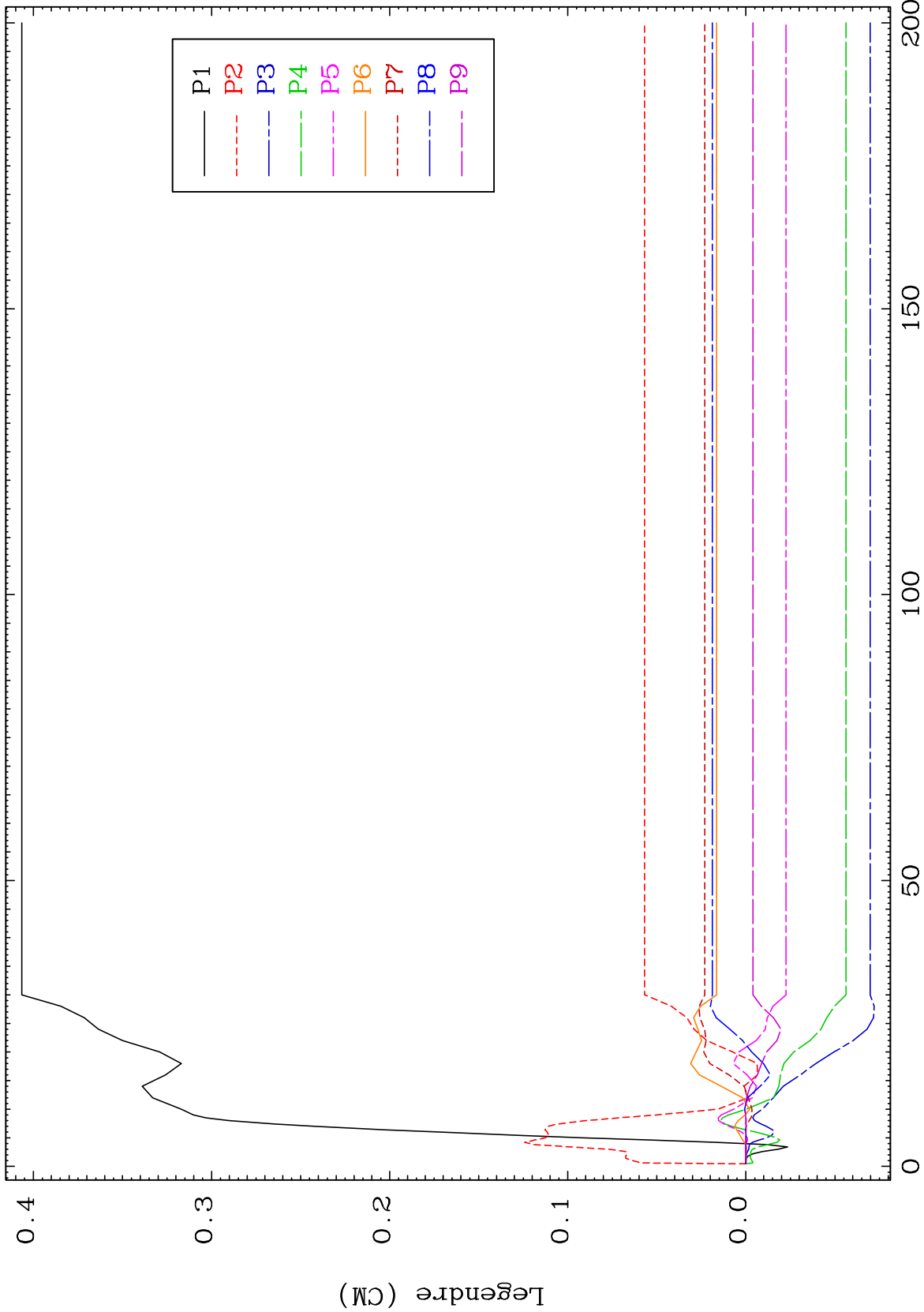
Incident Energy (MeV)

76-Os-187

MAT 7634

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

76-Os-187



66

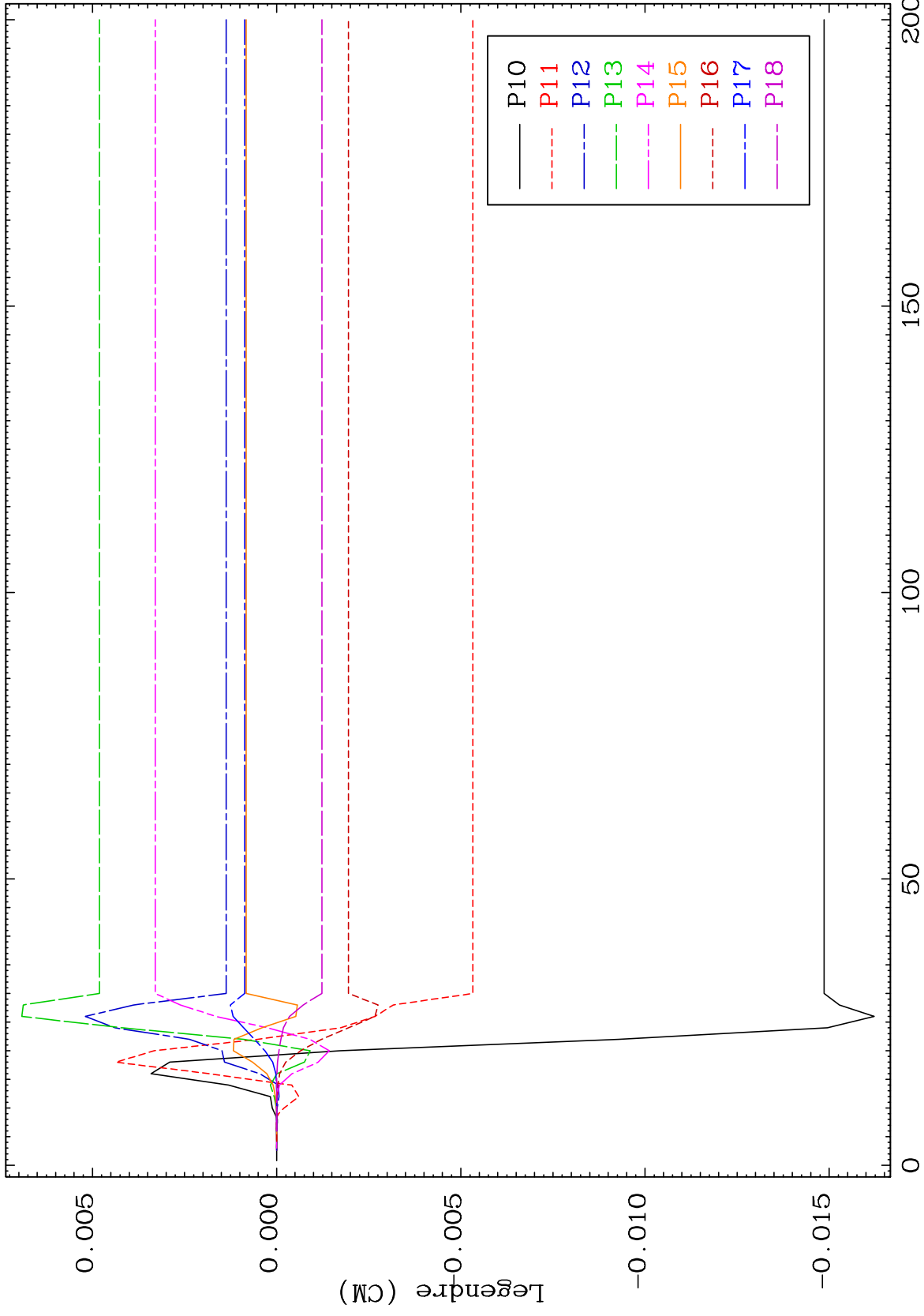
Incident Energy (MeV)

76-Os-187

MAT 7634

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

76-Os-187



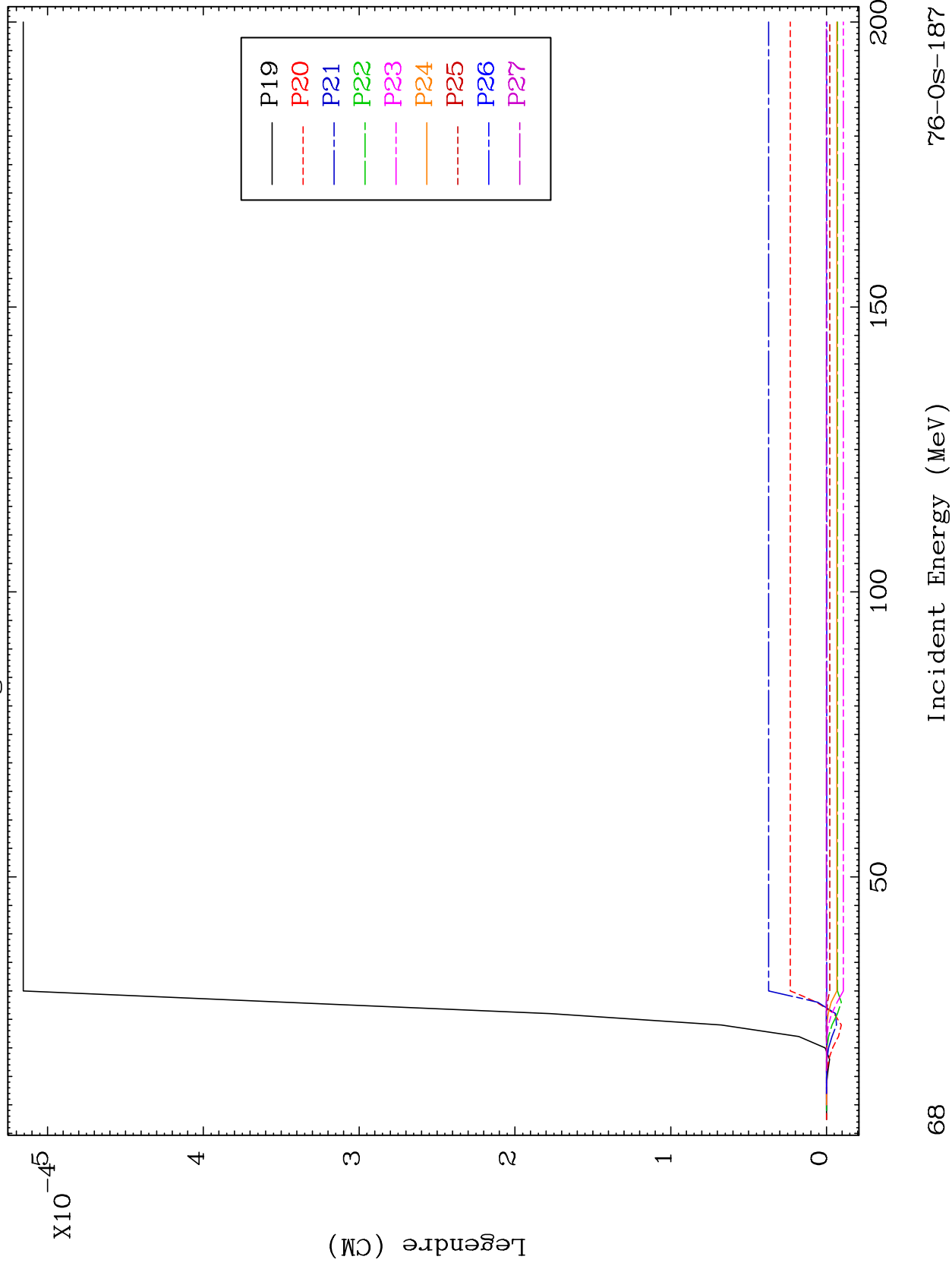
67

76-Os-187

MAT 7634

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

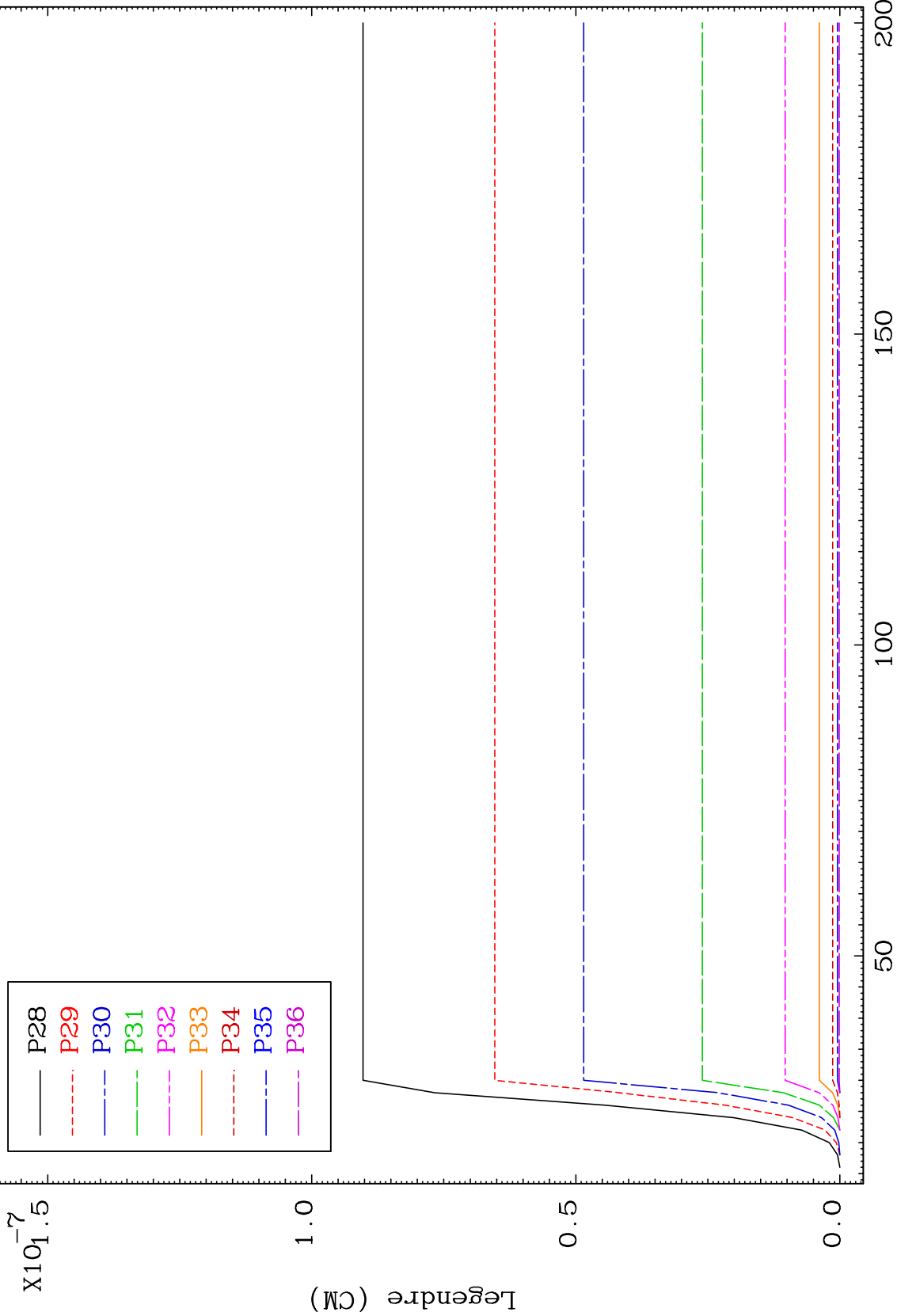
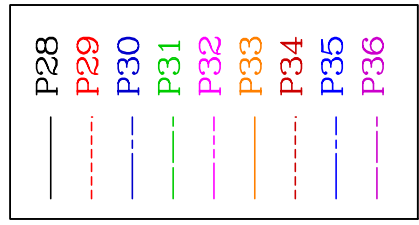
76-Os-187



MAT 7634

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

76-Os-187



69

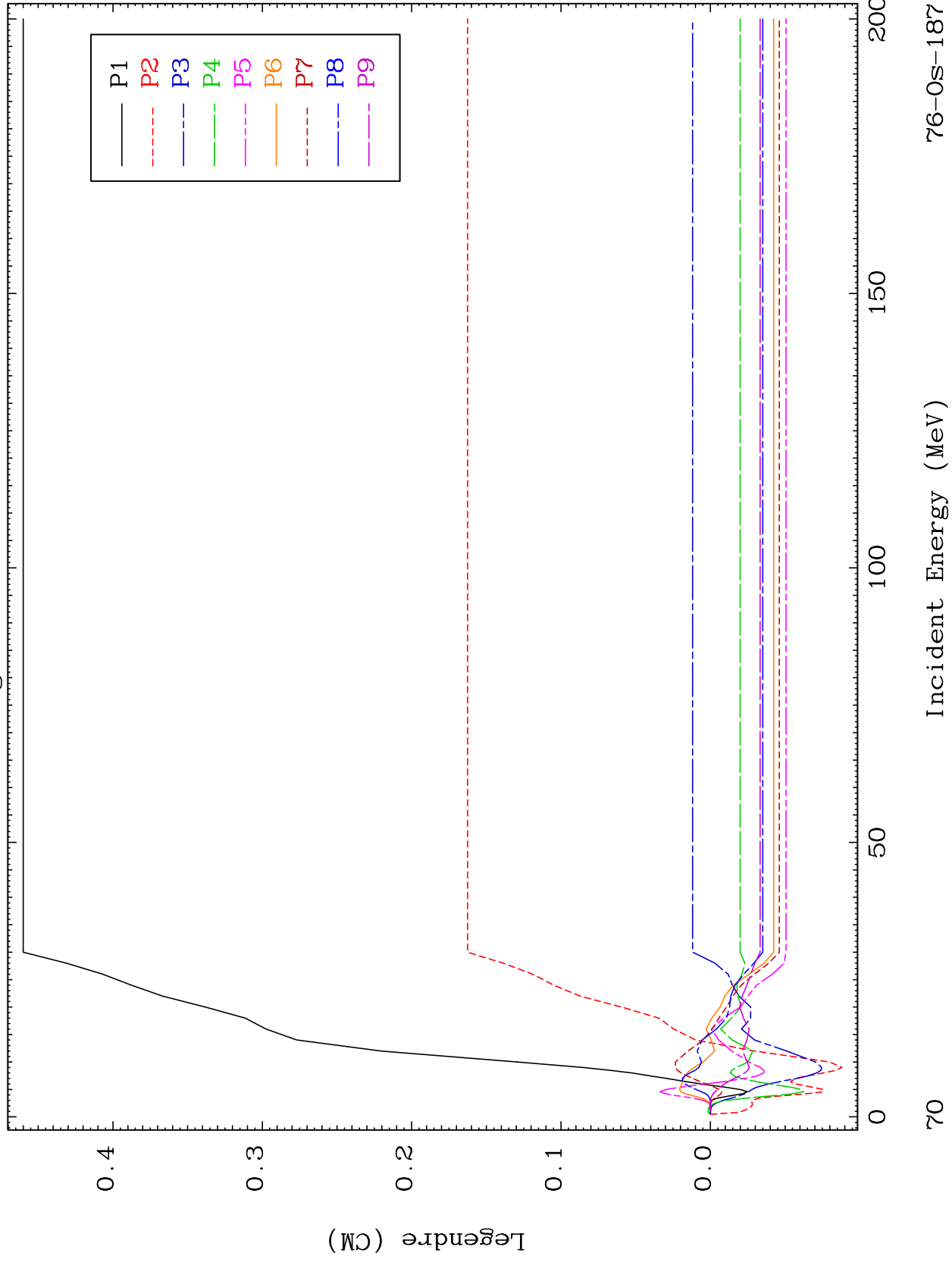
Incident Energy (MeV)

76-Os-187

MAT 7634

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

76-Os-187



76-Os-187

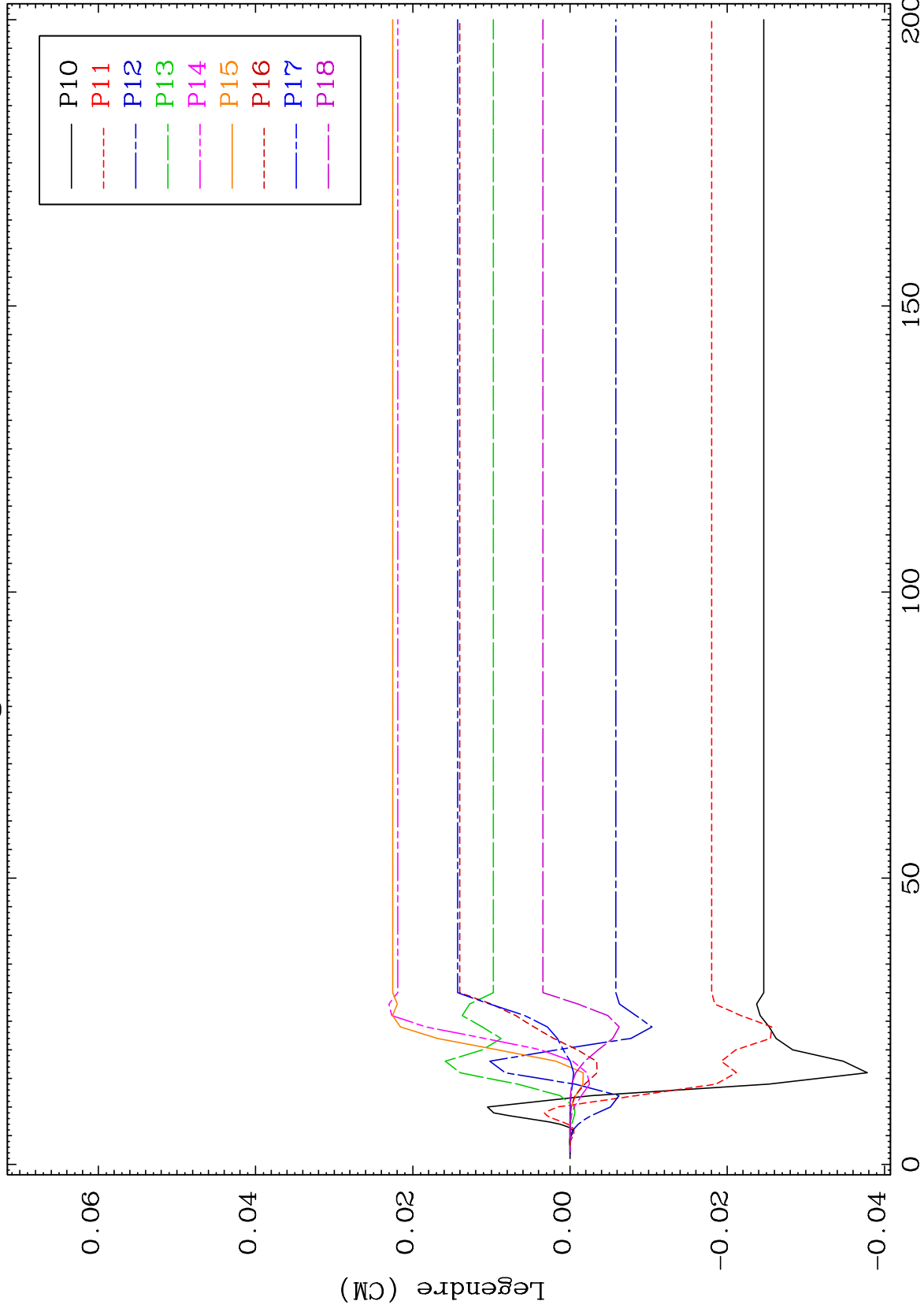
Incident Energy (MeV)

70

MAT 7634

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

76-Os-187



71

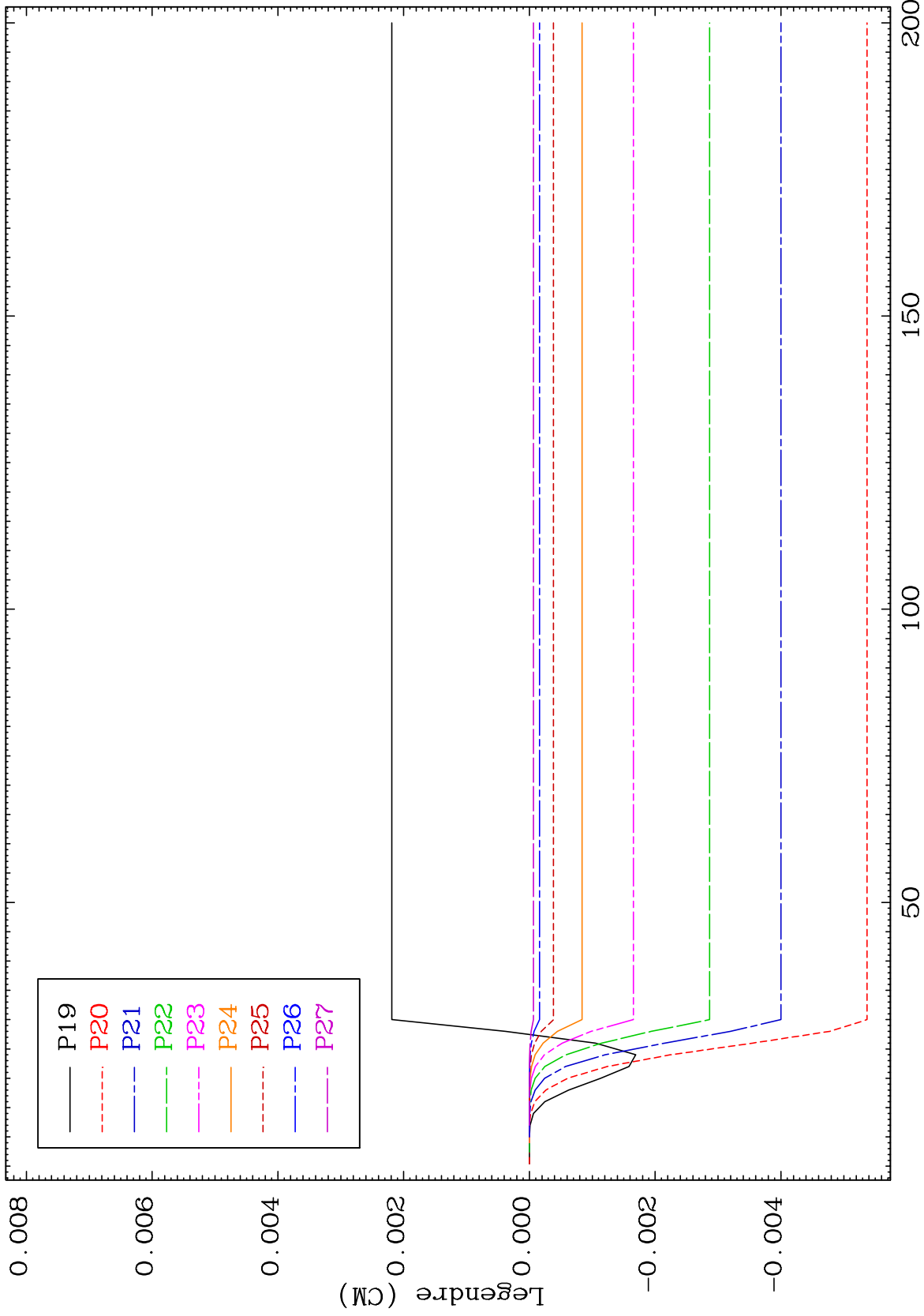
Incident Energy (MeV)

76-Os-187

MAT 7634

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

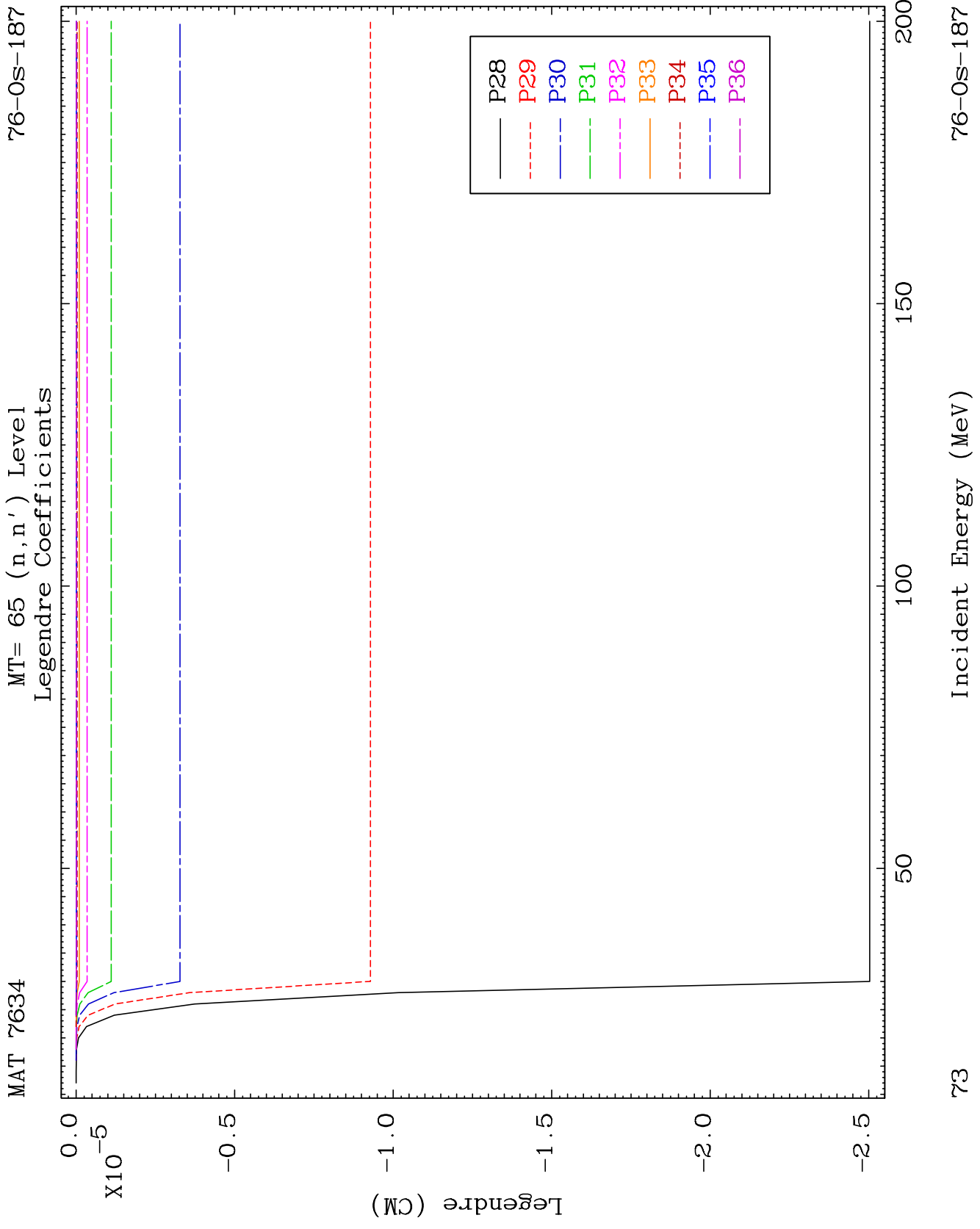
76-0s-187



72

Incident Energy (MeV)

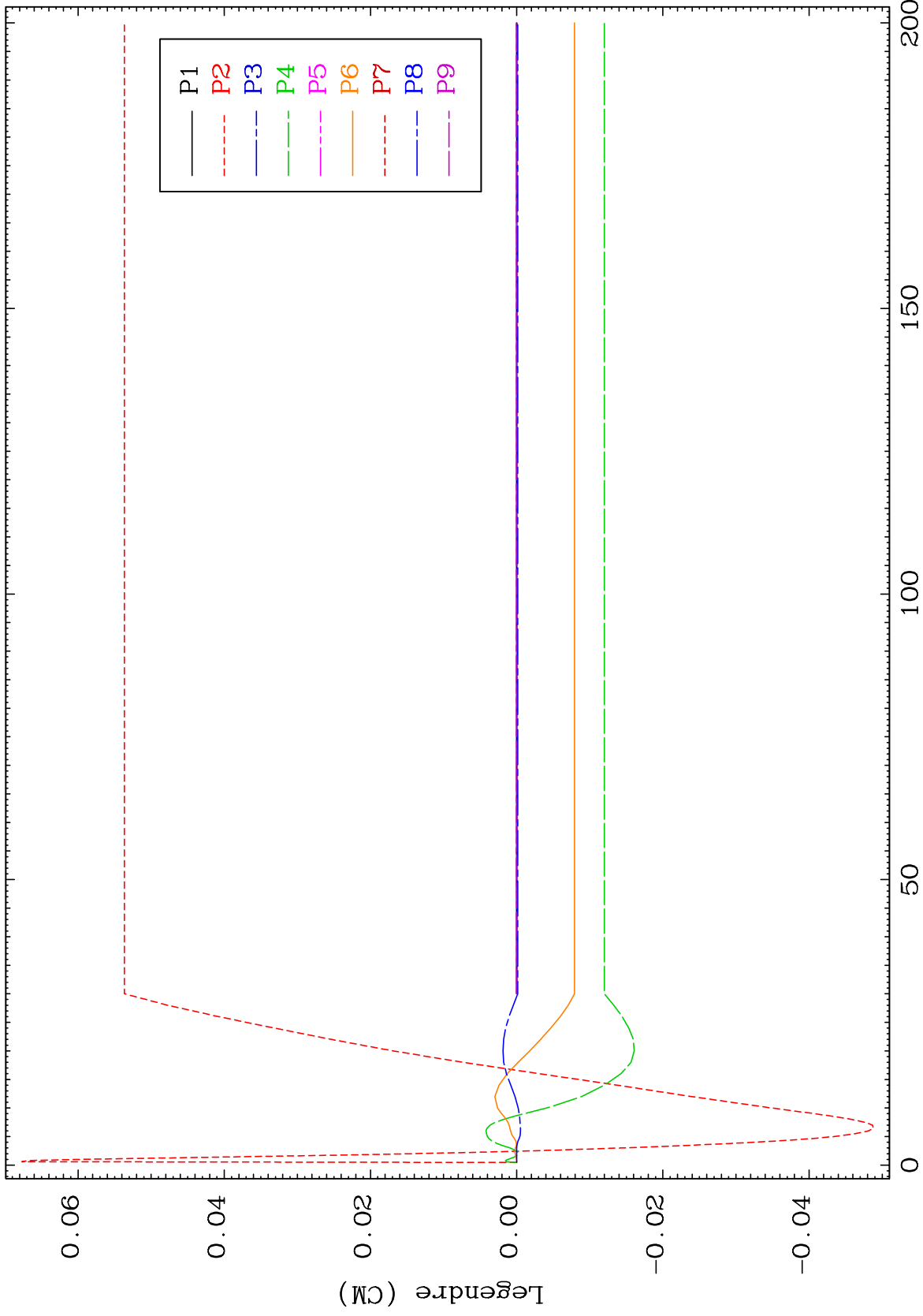
76-0s-187



MAT 7634

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

76-Os-187



74

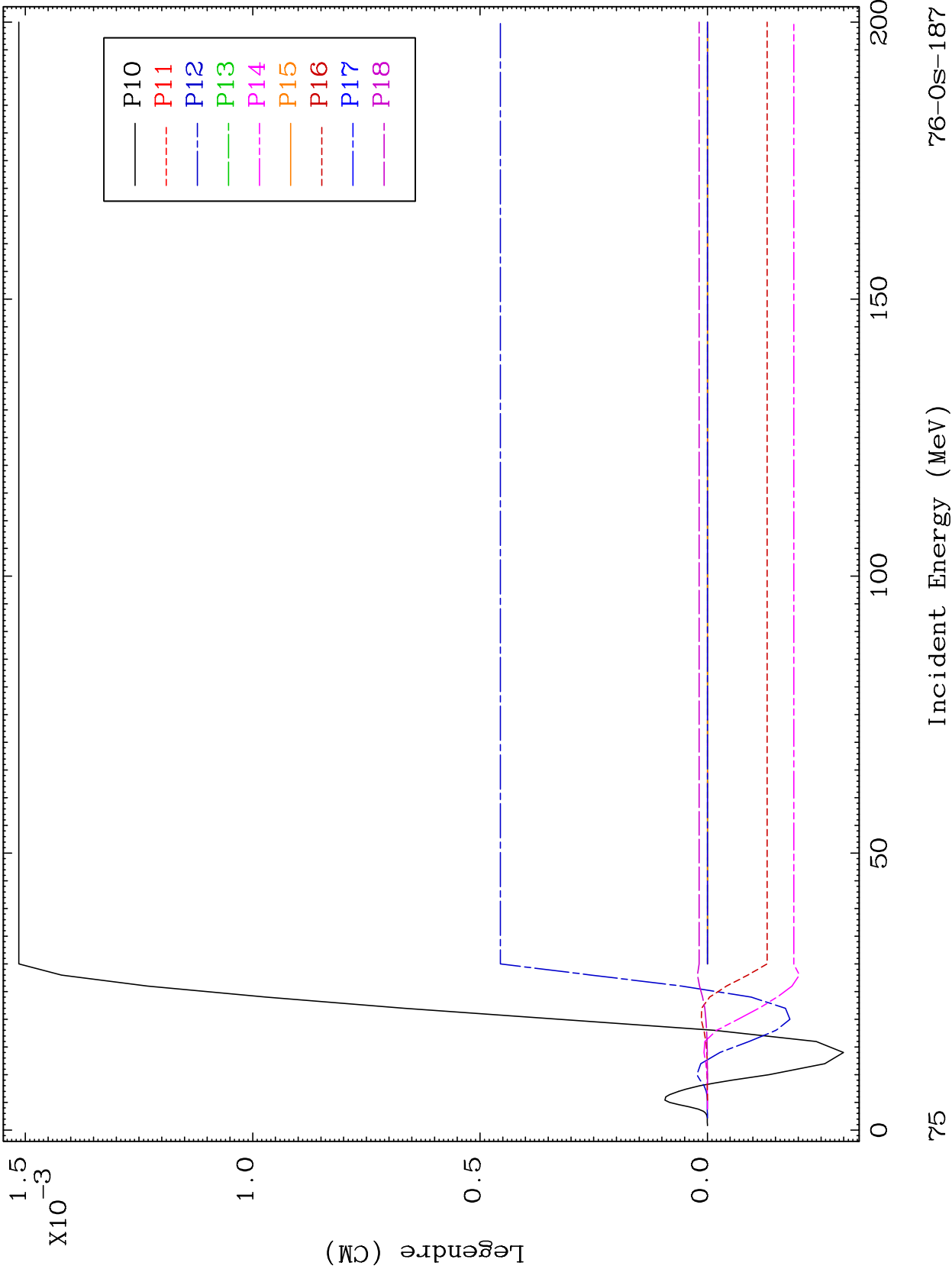
Incident Energy (MeV)

76-Os-187

MAT 7634

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

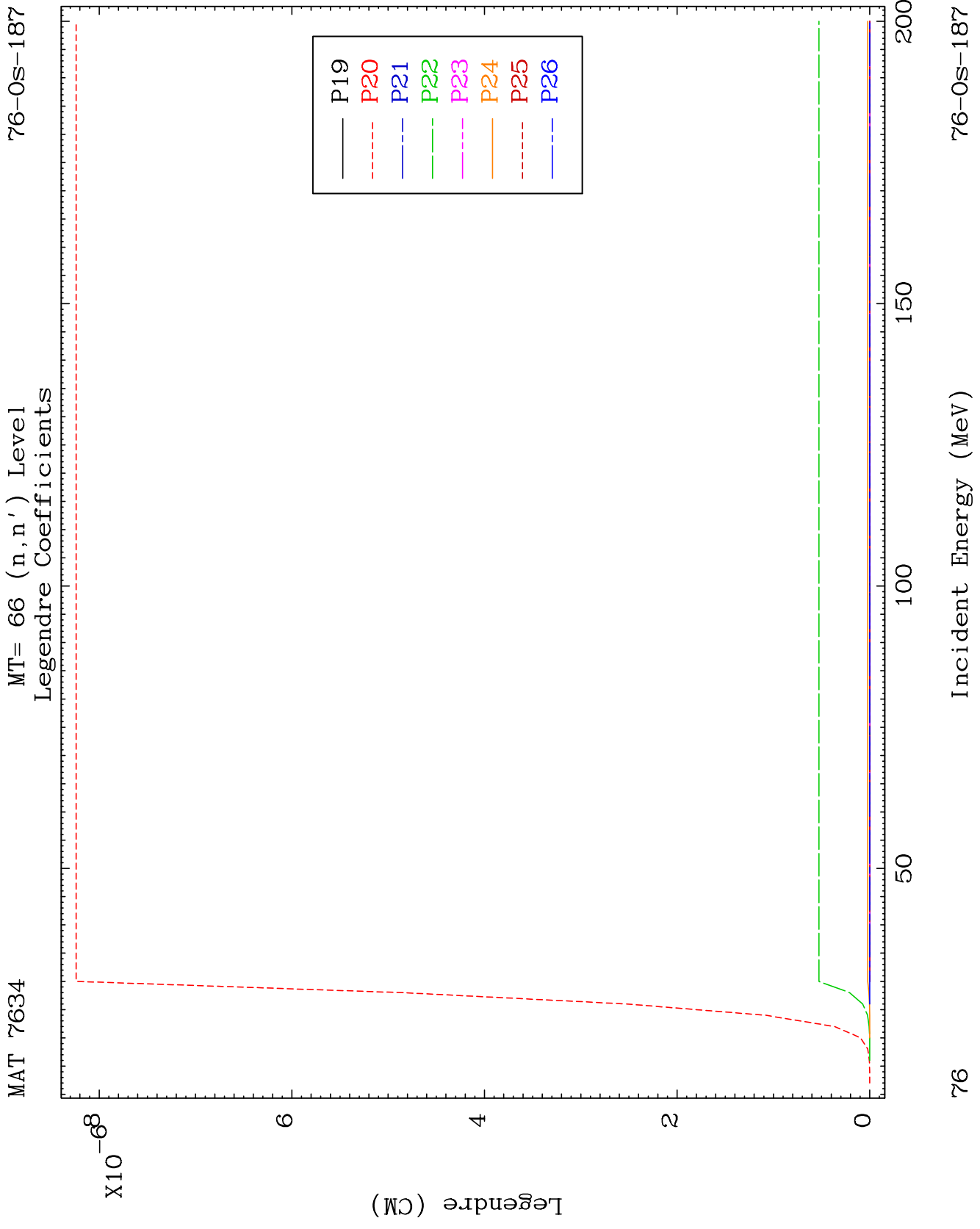
76-Os-187

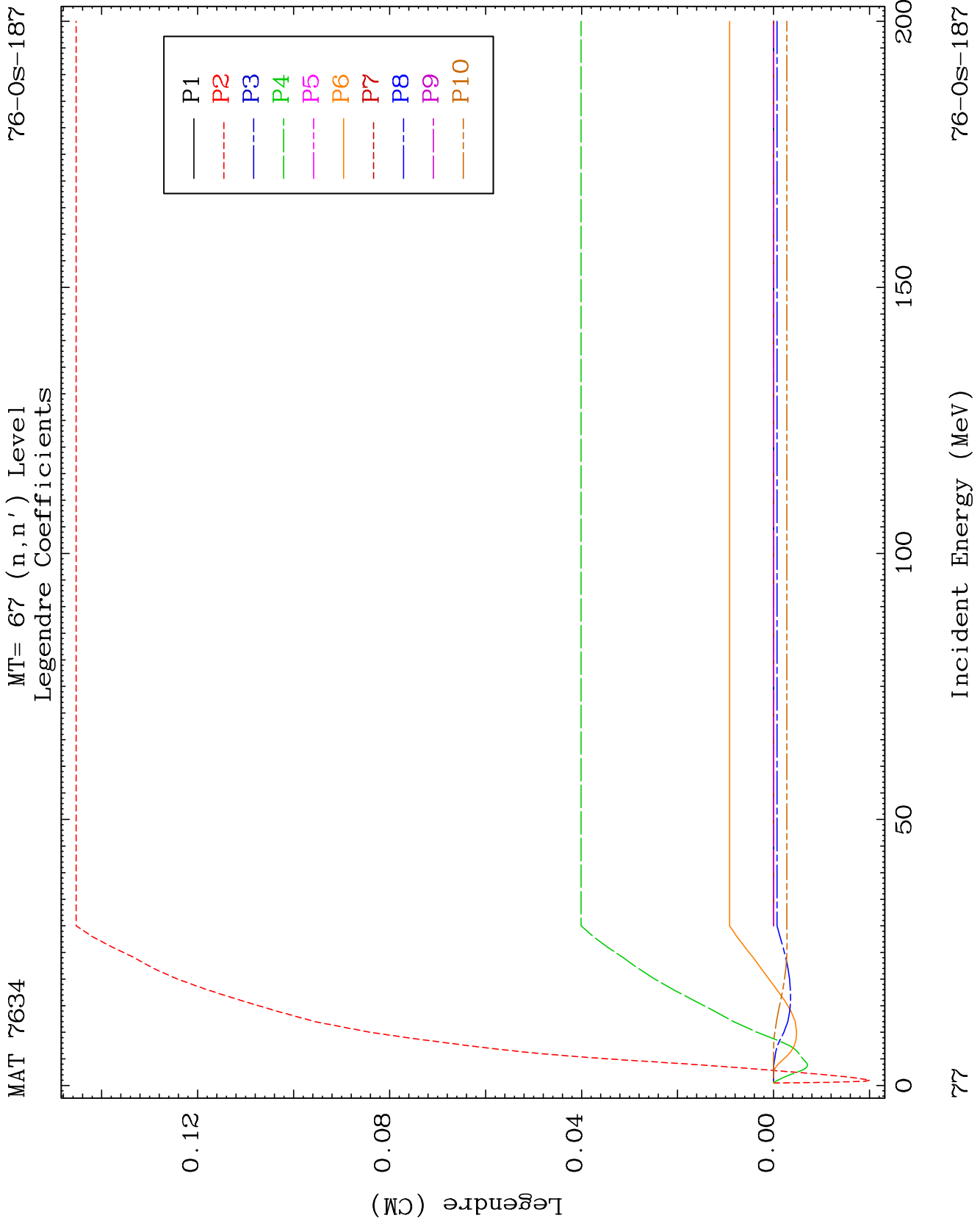


76-Os-187

Incident Energy (MeV)

75

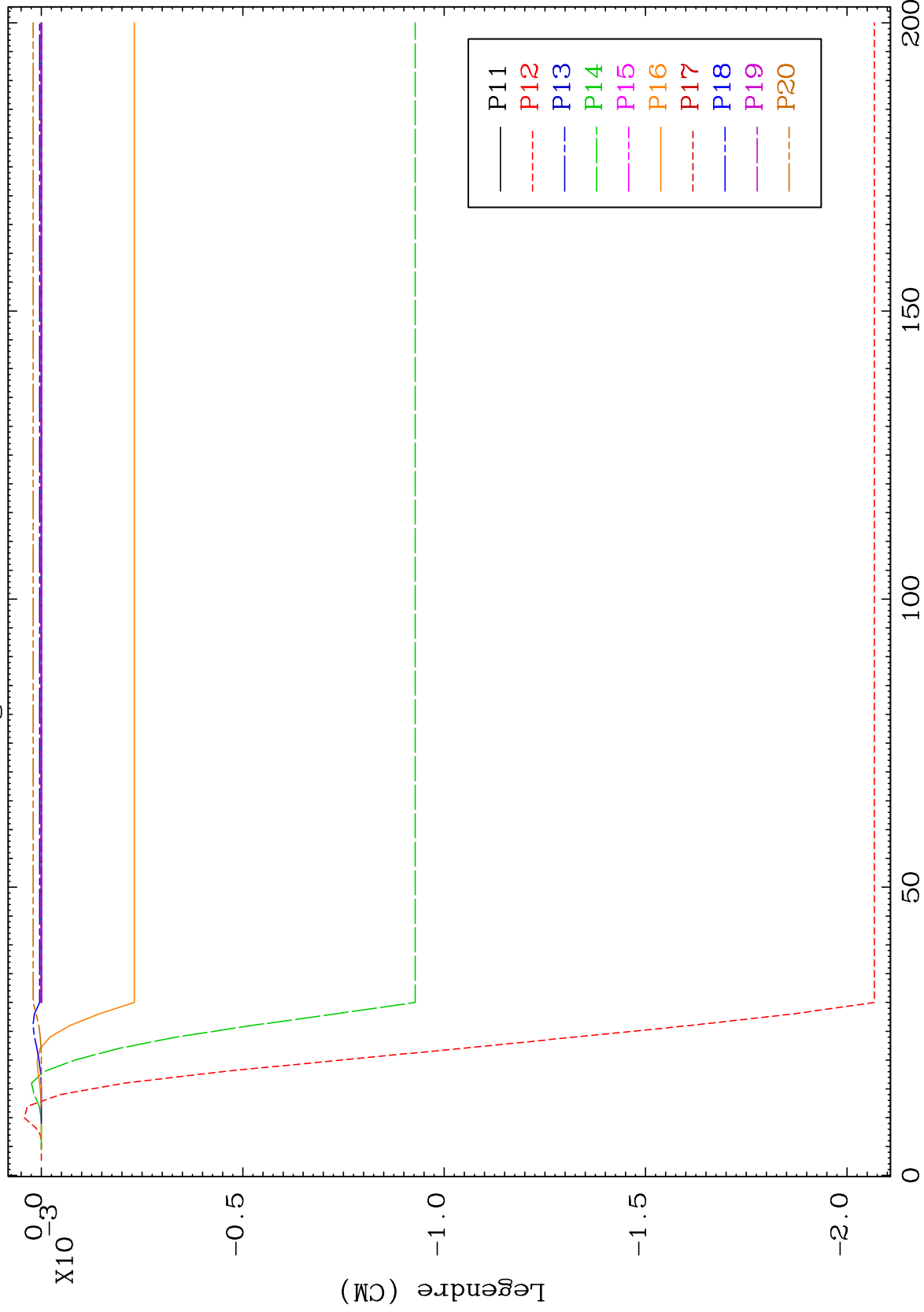




MAT 7634

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

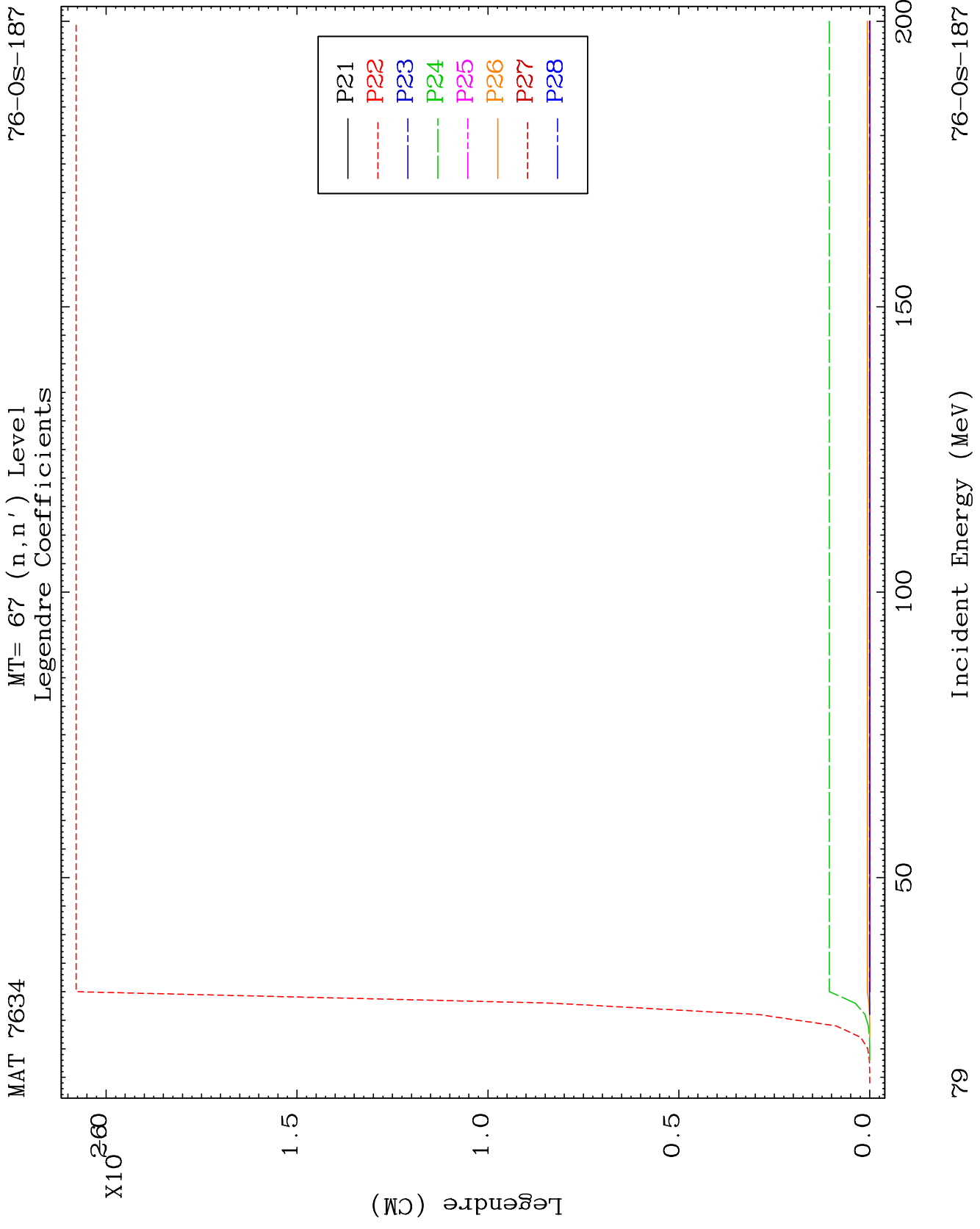
76-Os-187

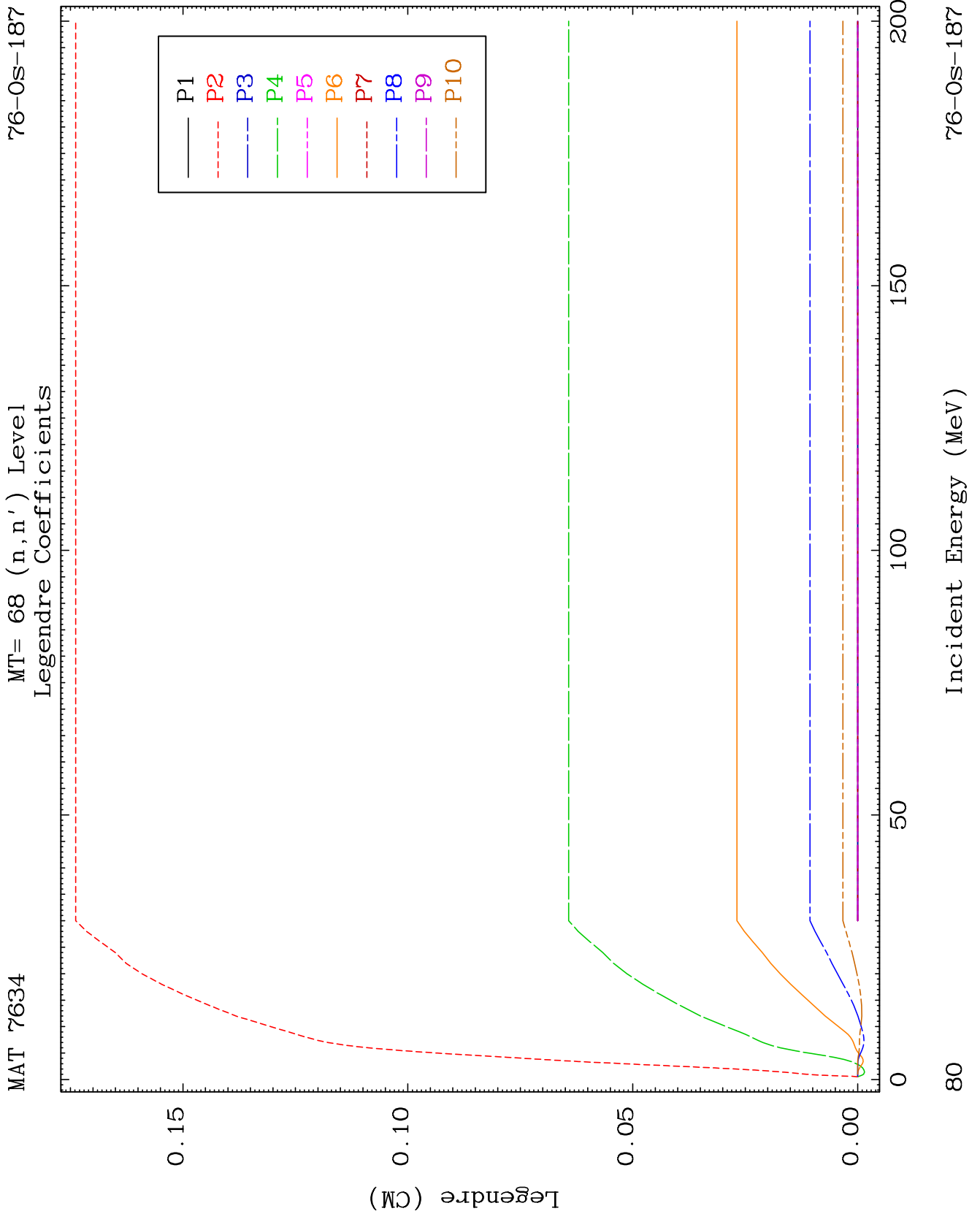


78

Incident Energy (MeV)

76-Os-187

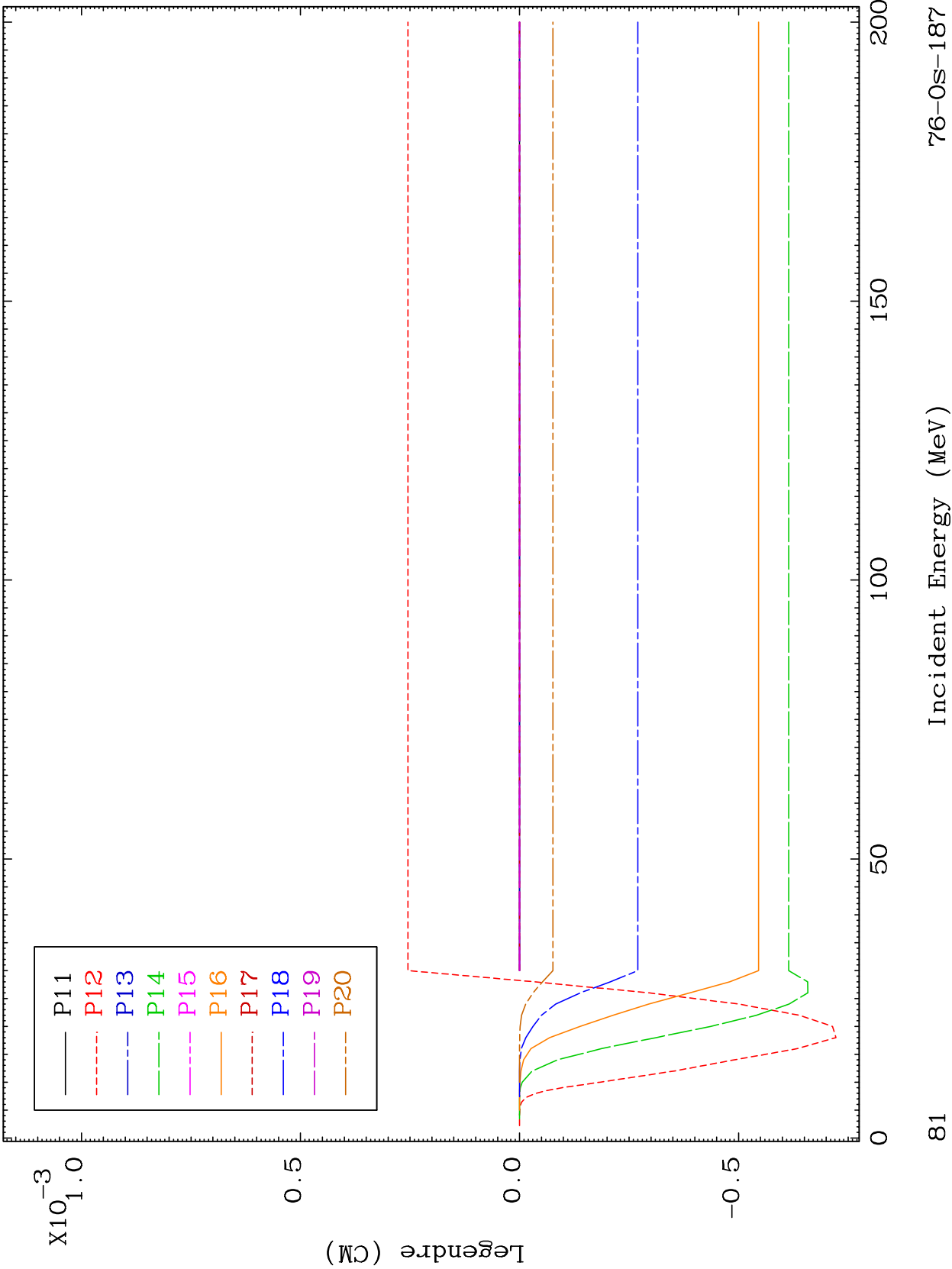




MAT 7634

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

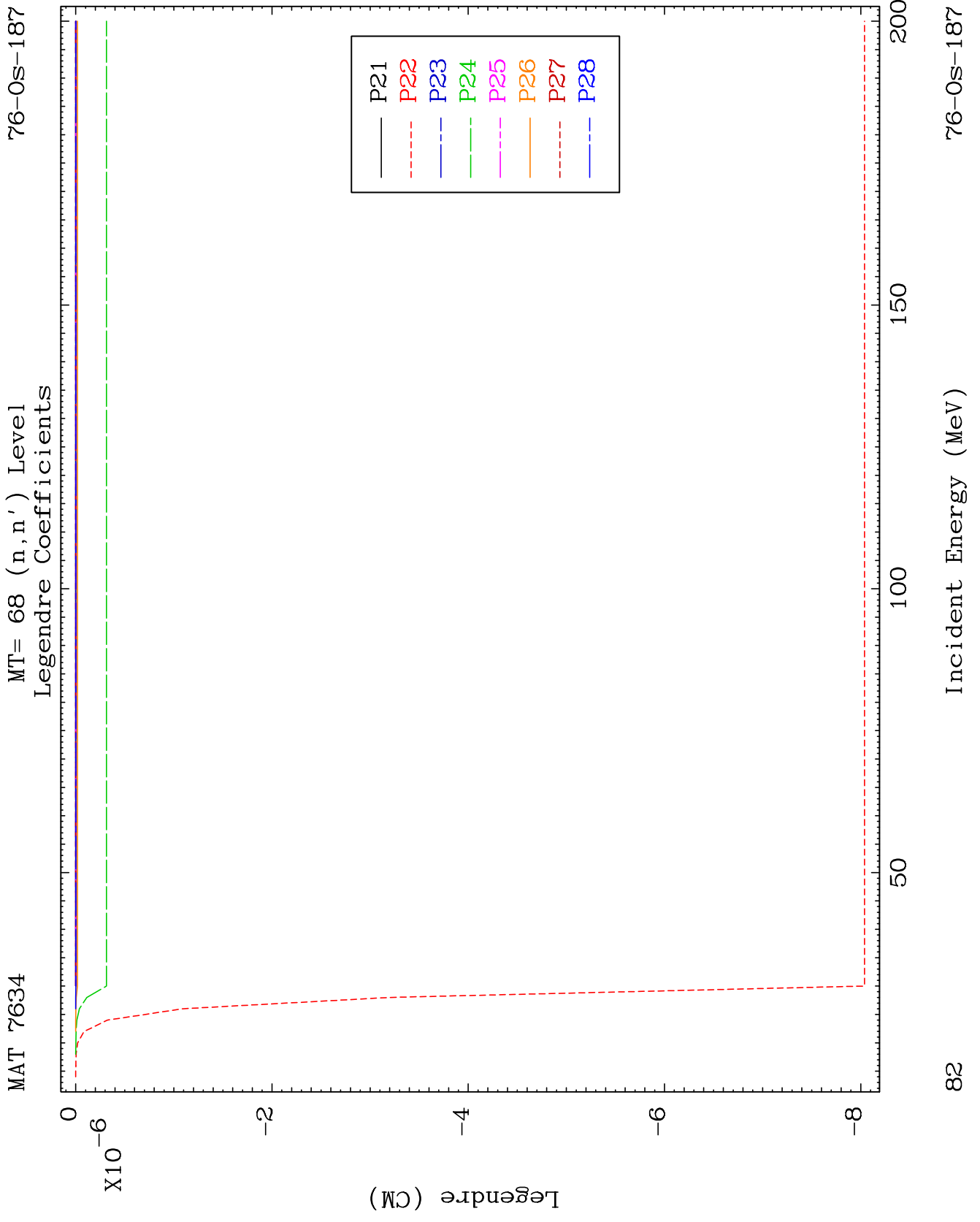
76-Os-187



81

Incident Energy (MeV)

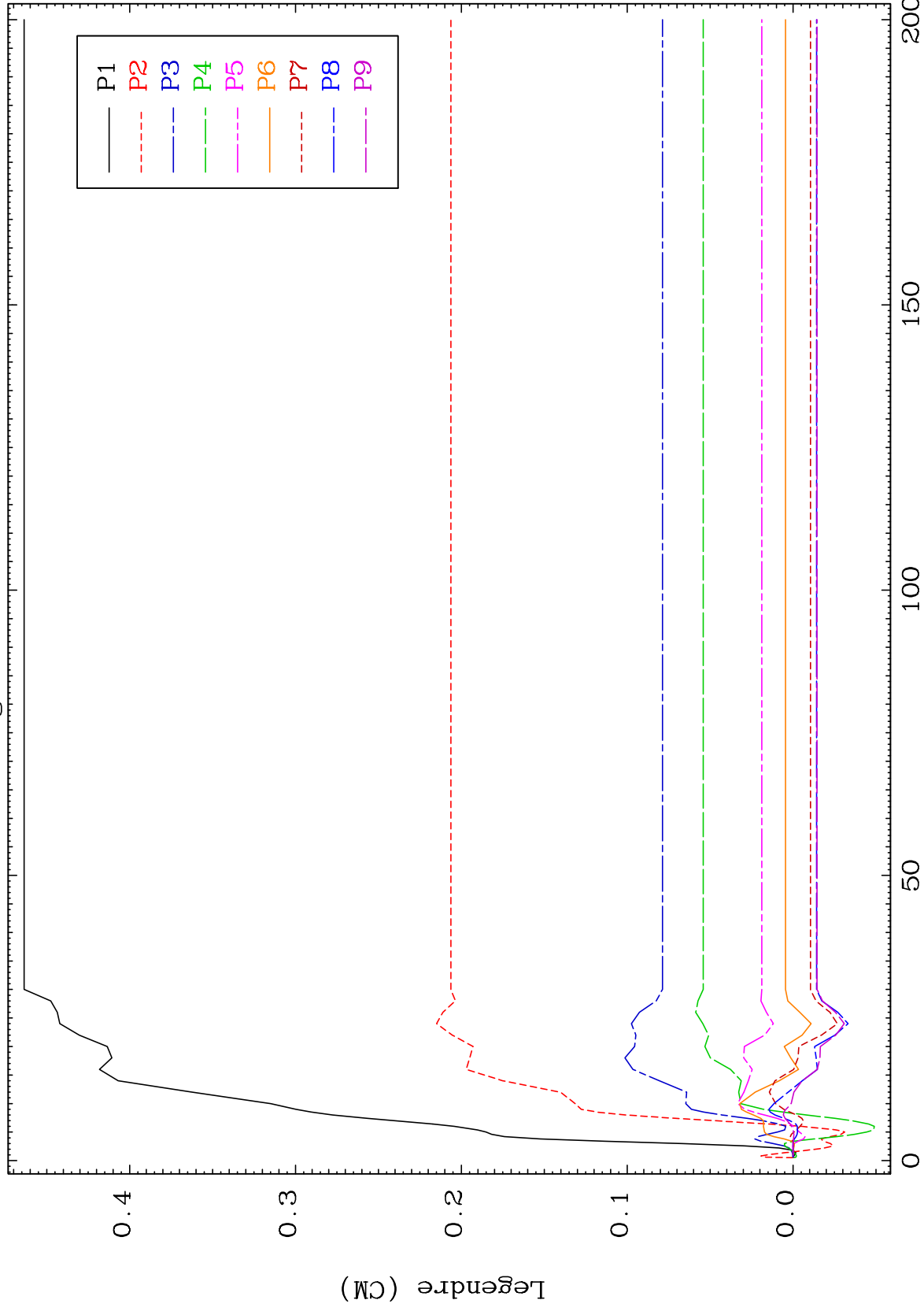
76-Os-187



MAT 7634

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

76-Os-187



83

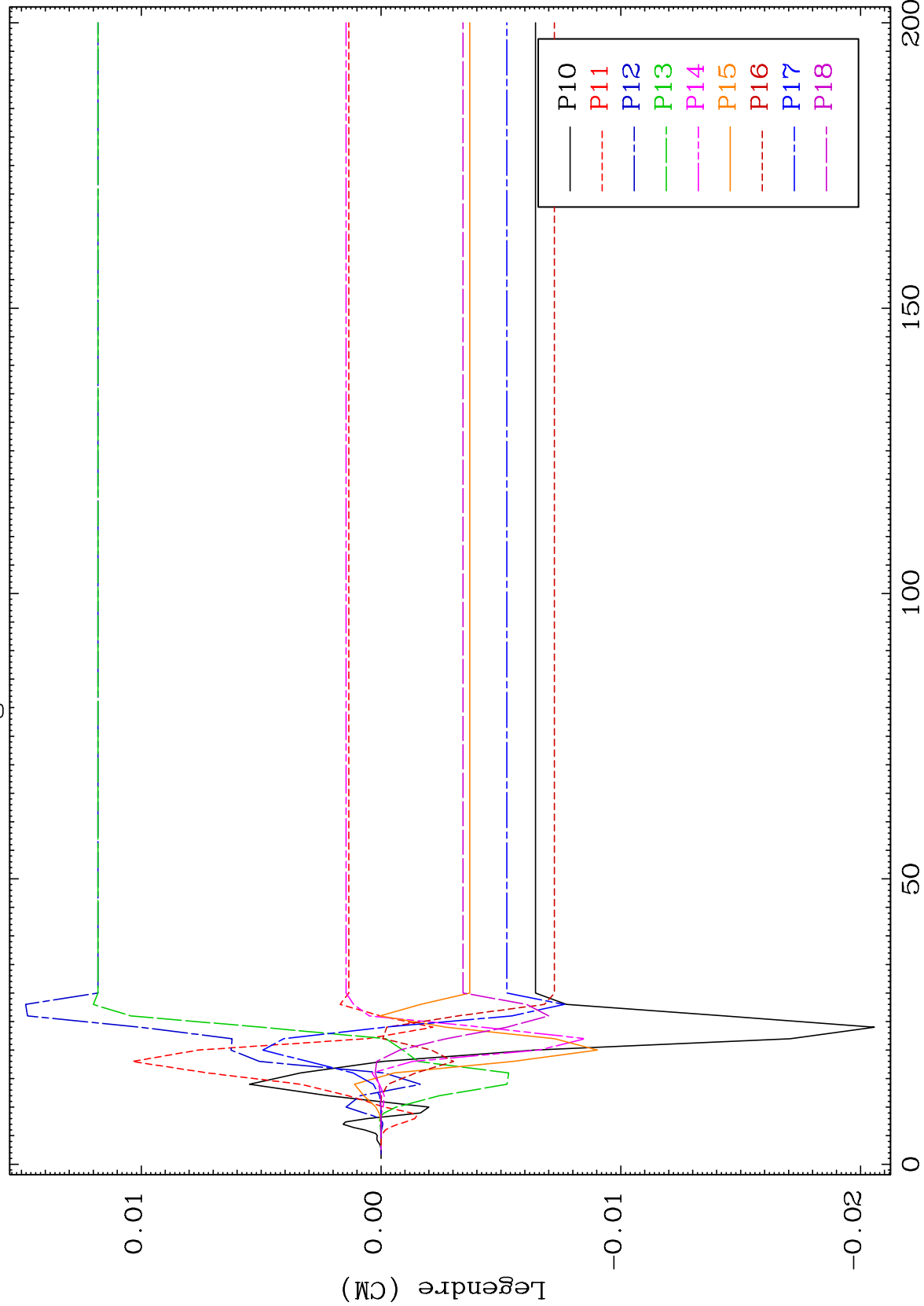
Incident Energy (MeV)

76-Os-187

MAT 7634

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

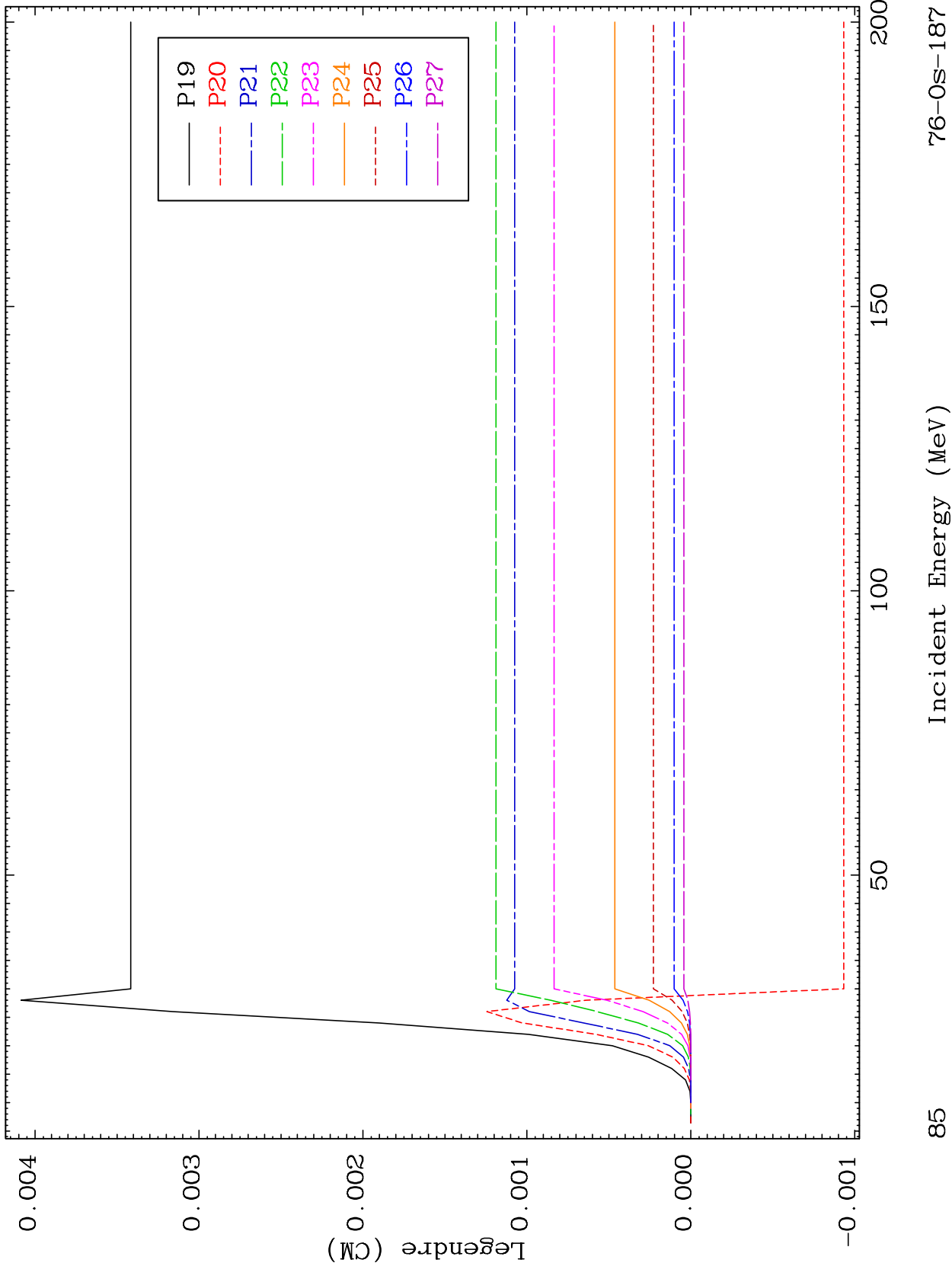
76-Os-187



84

Incident Energy (MeV)

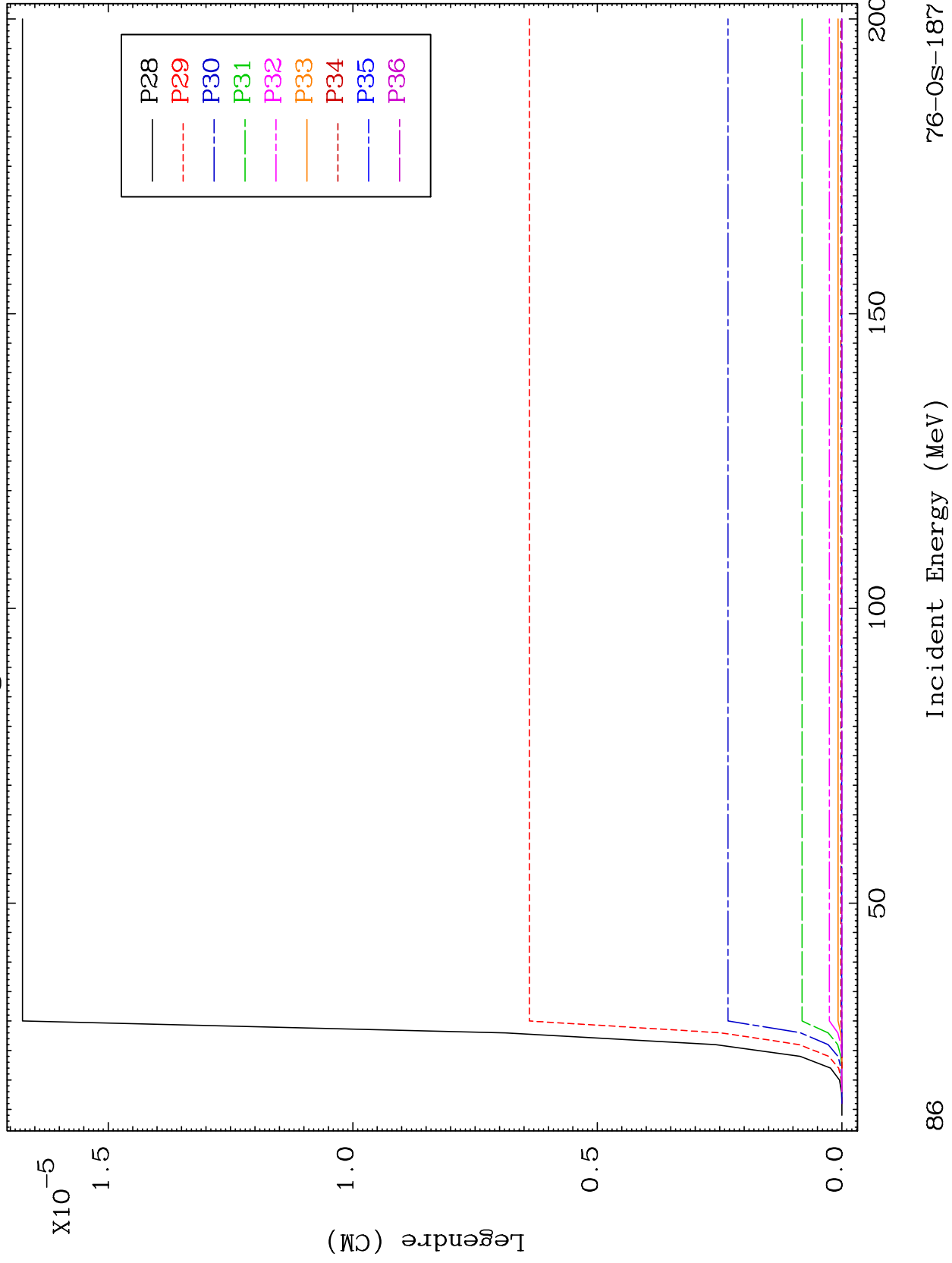
76-Os-187



MAT 7634

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

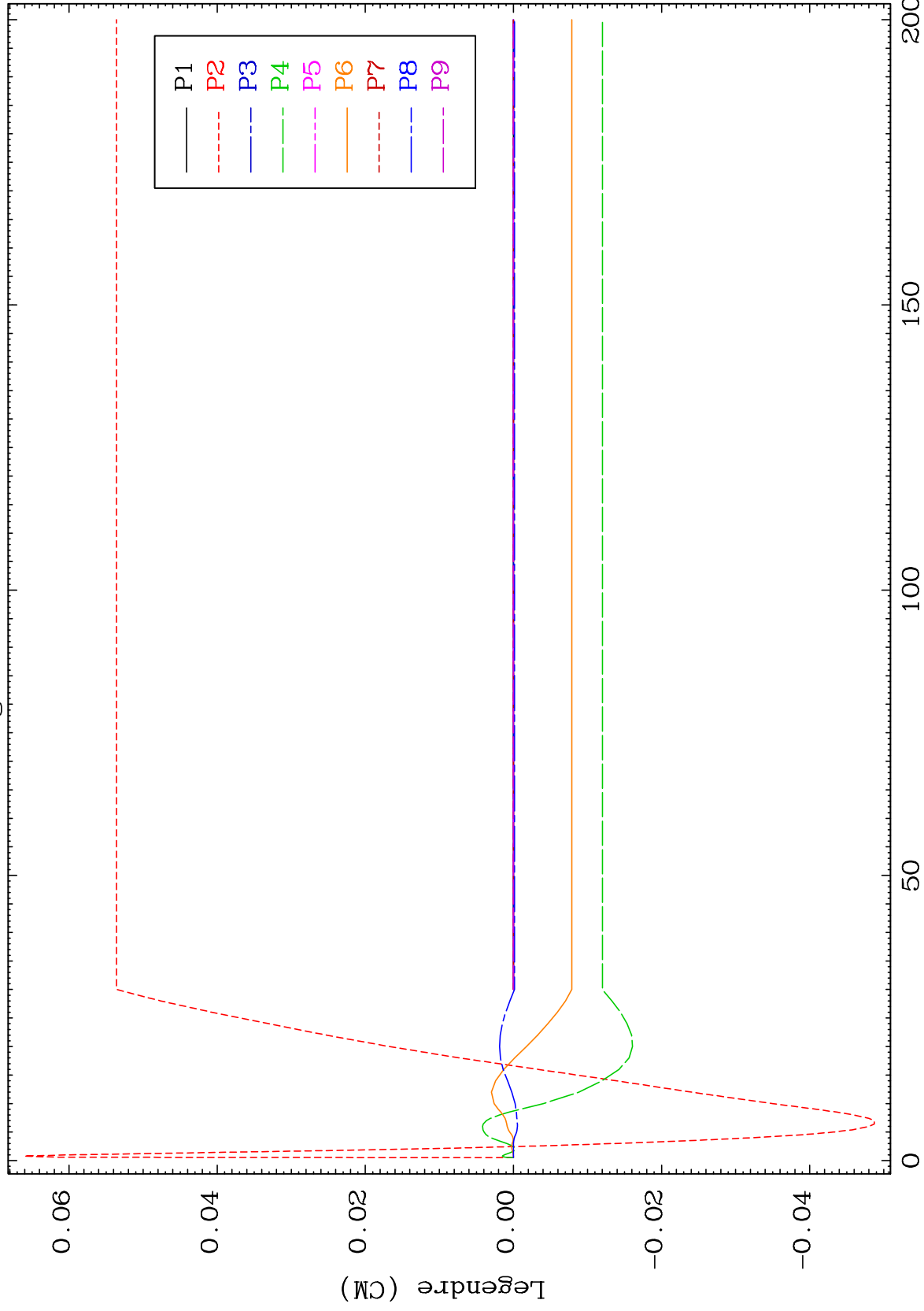
76-Os-187



MAT 7634

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

76-Os-187



87

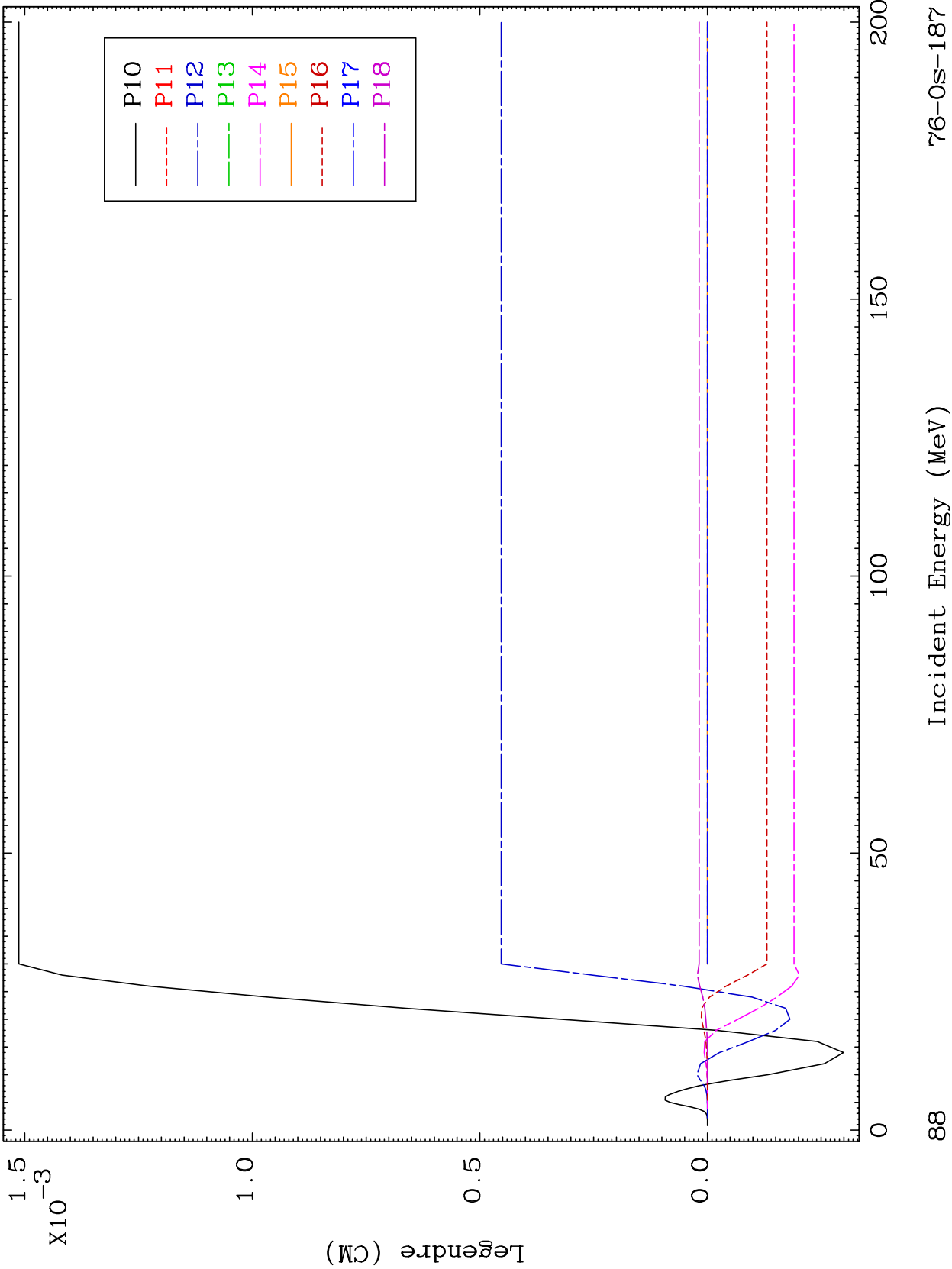
Incident Energy (MeV)

76-Os-187

MAT 7634

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

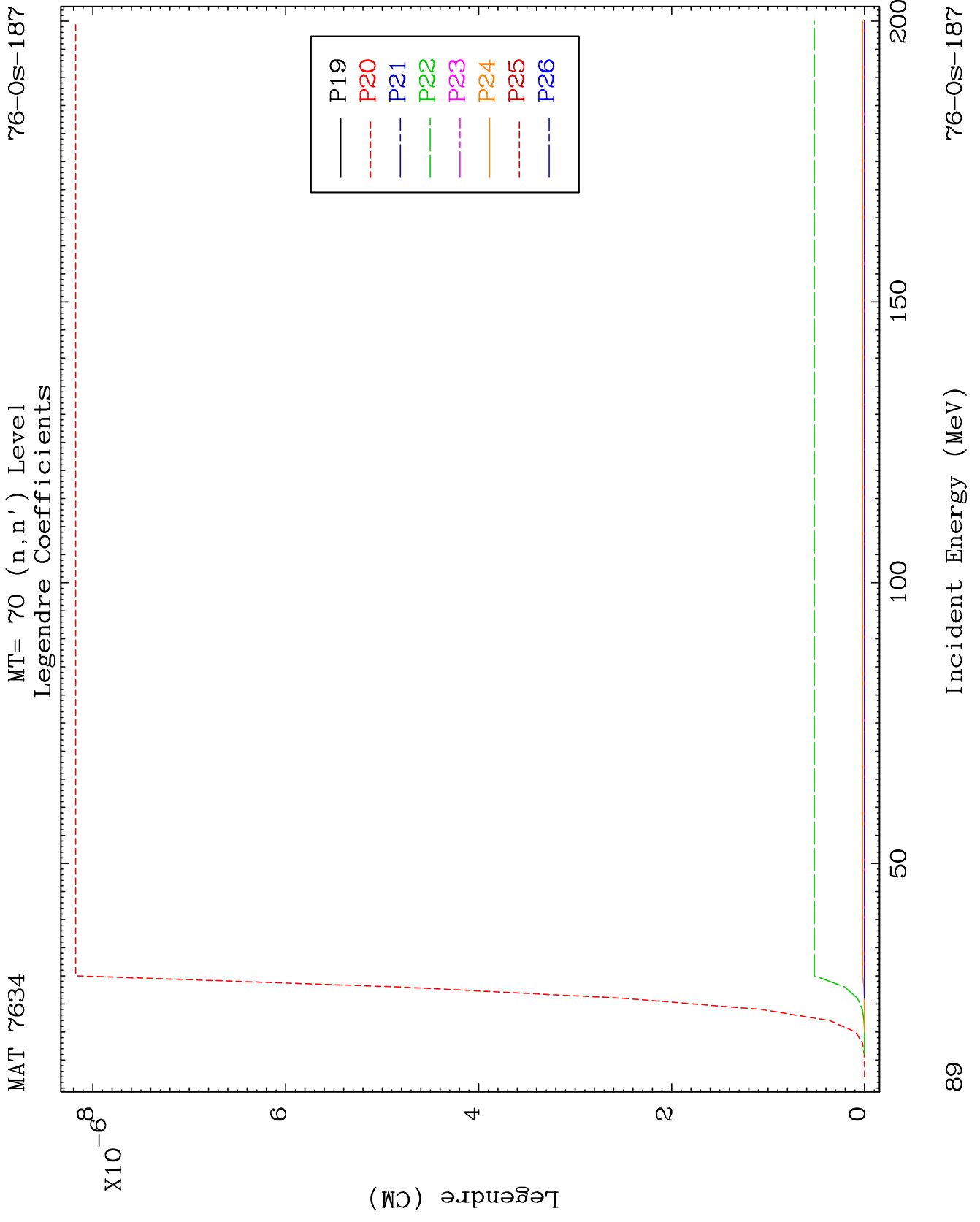
76-Os-187

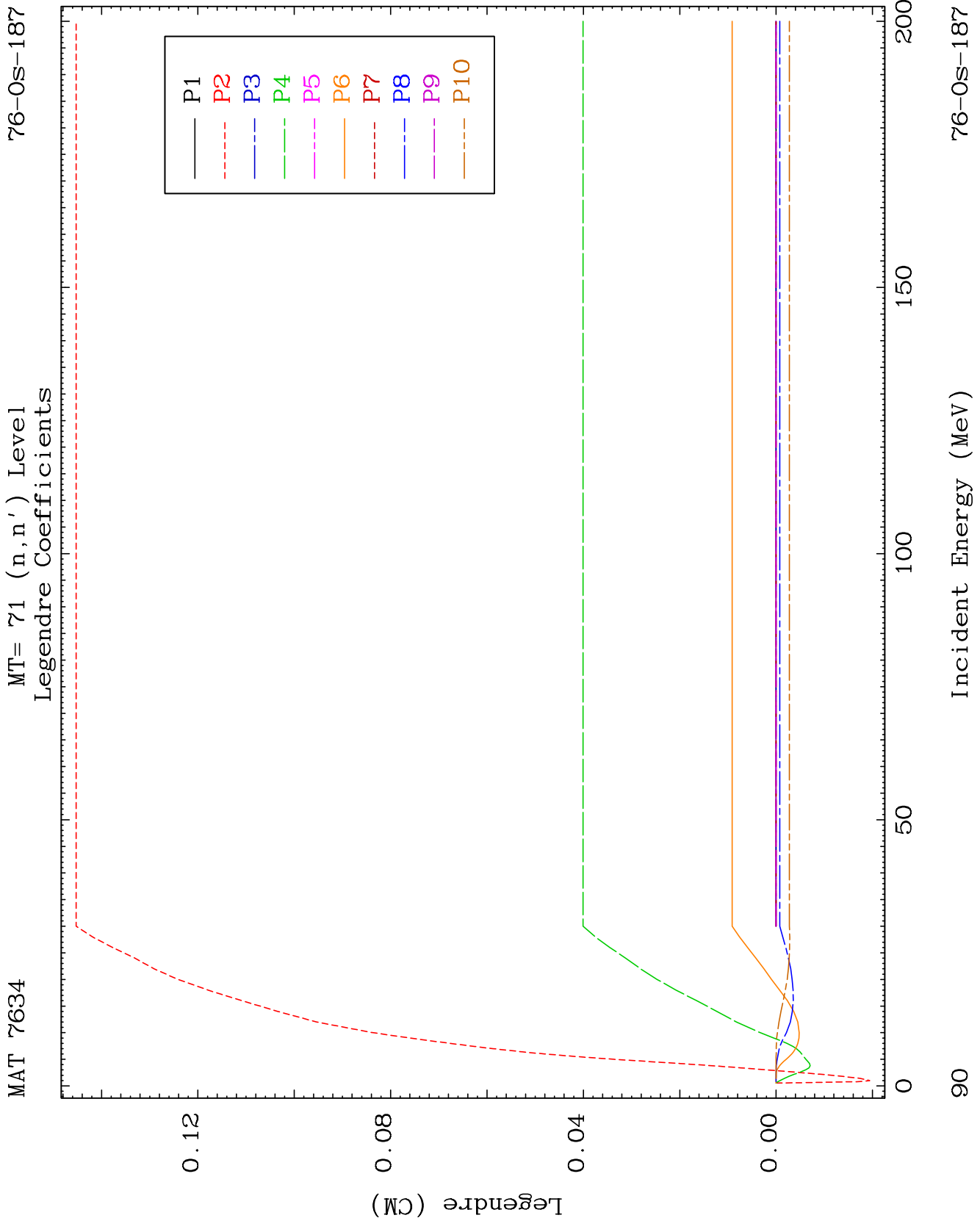


88

Incident Energy (MeV)

76-Os-187

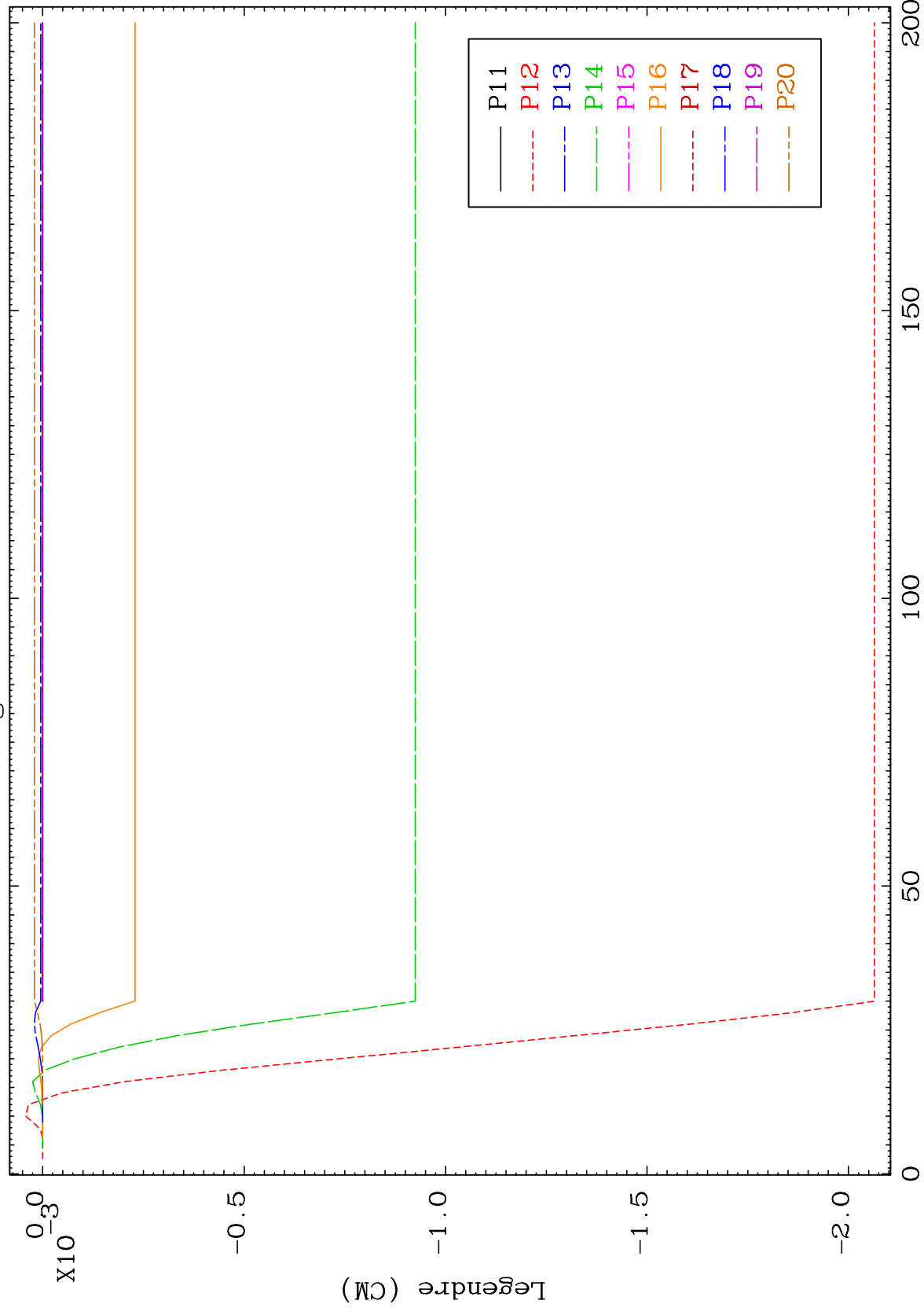




MAT 7634

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

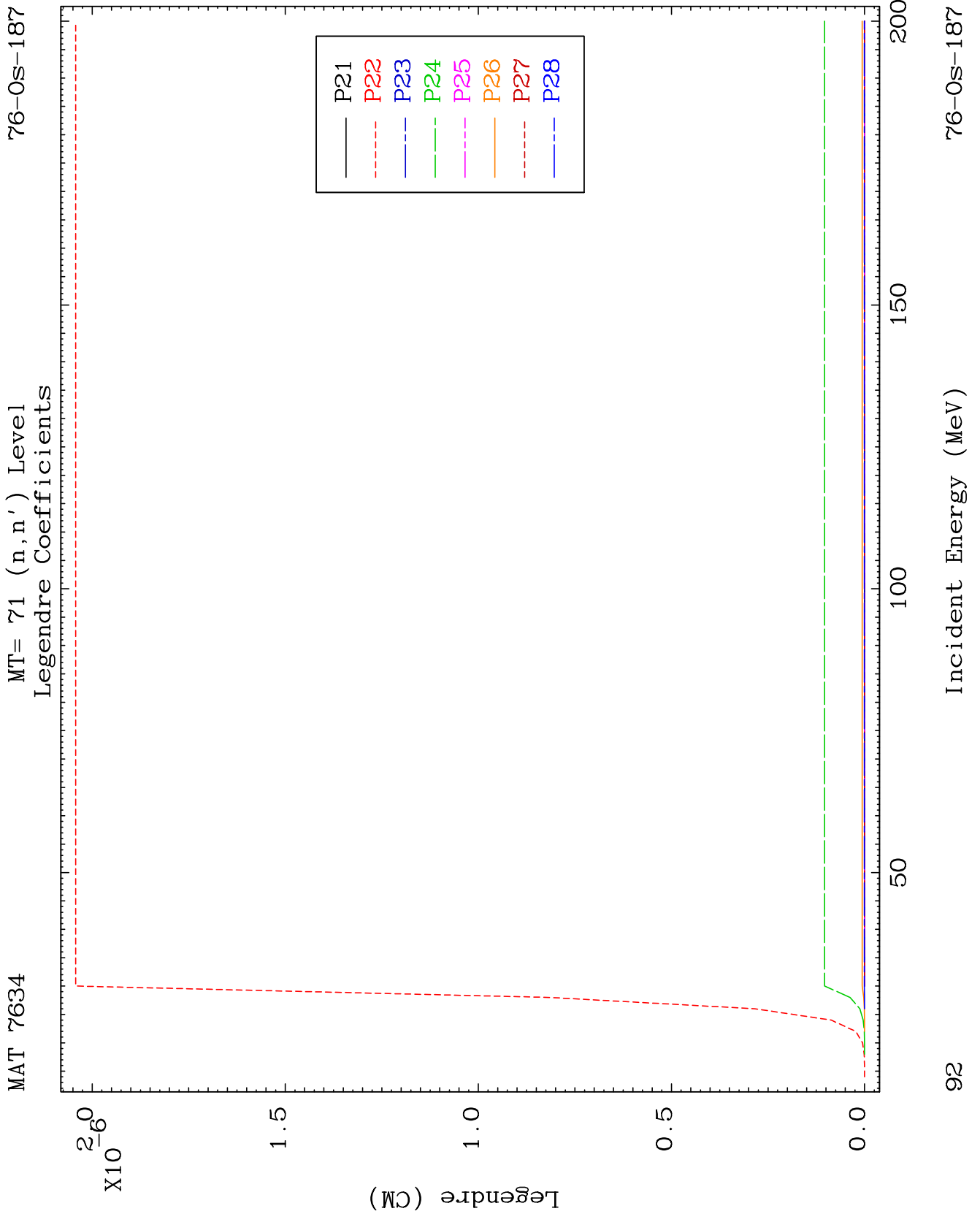
76-Os-187



91

Incident Energy (MeV)

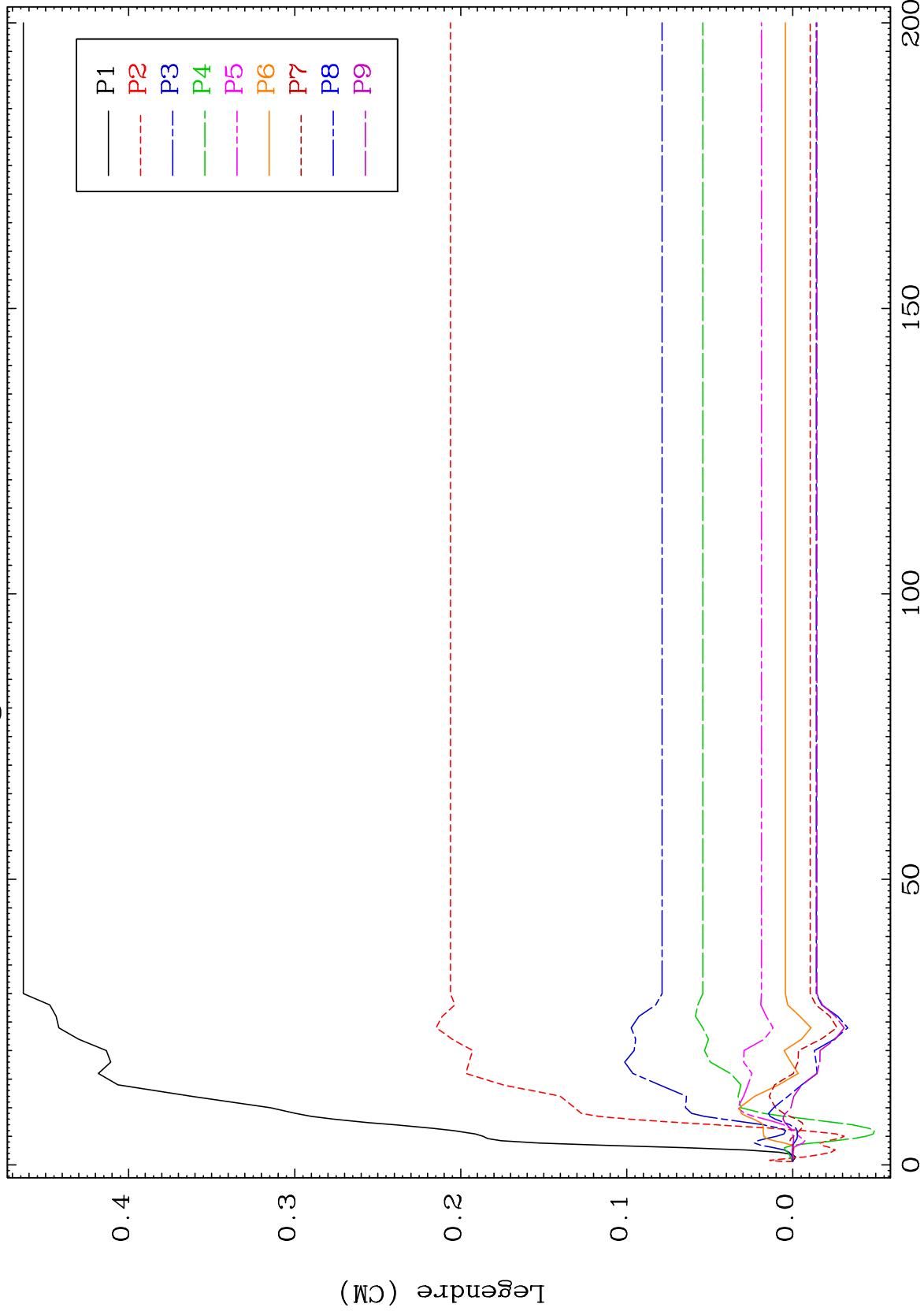
76-Os-187



MAT 7634

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

76-Os-187



93

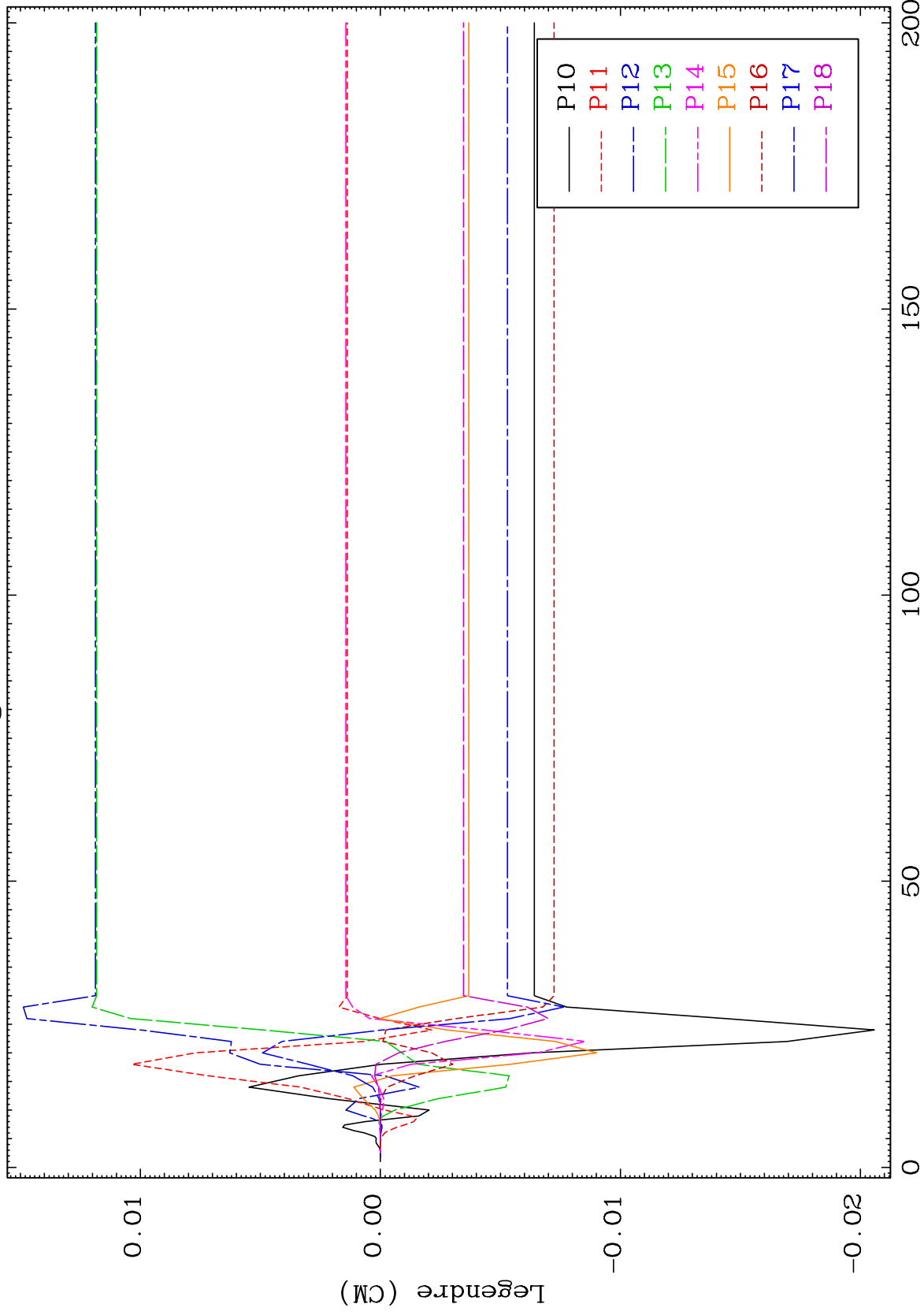
Incident Energy (MeV)

76-Os-187

MAT 7634

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

76-0s-187



94

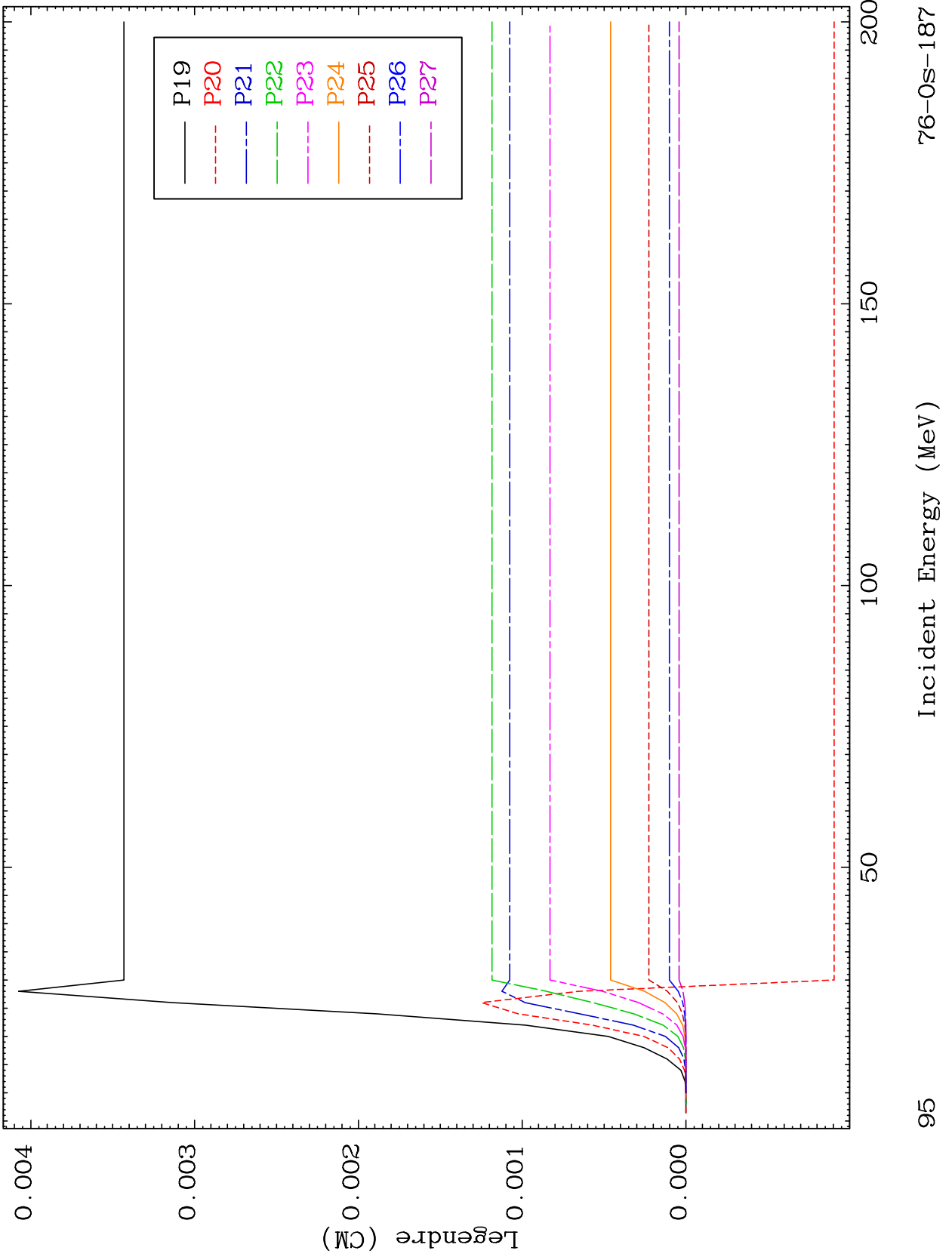
Incident Energy (MeV)

76-0s-187

MAT 7634

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

76-Os-187



95

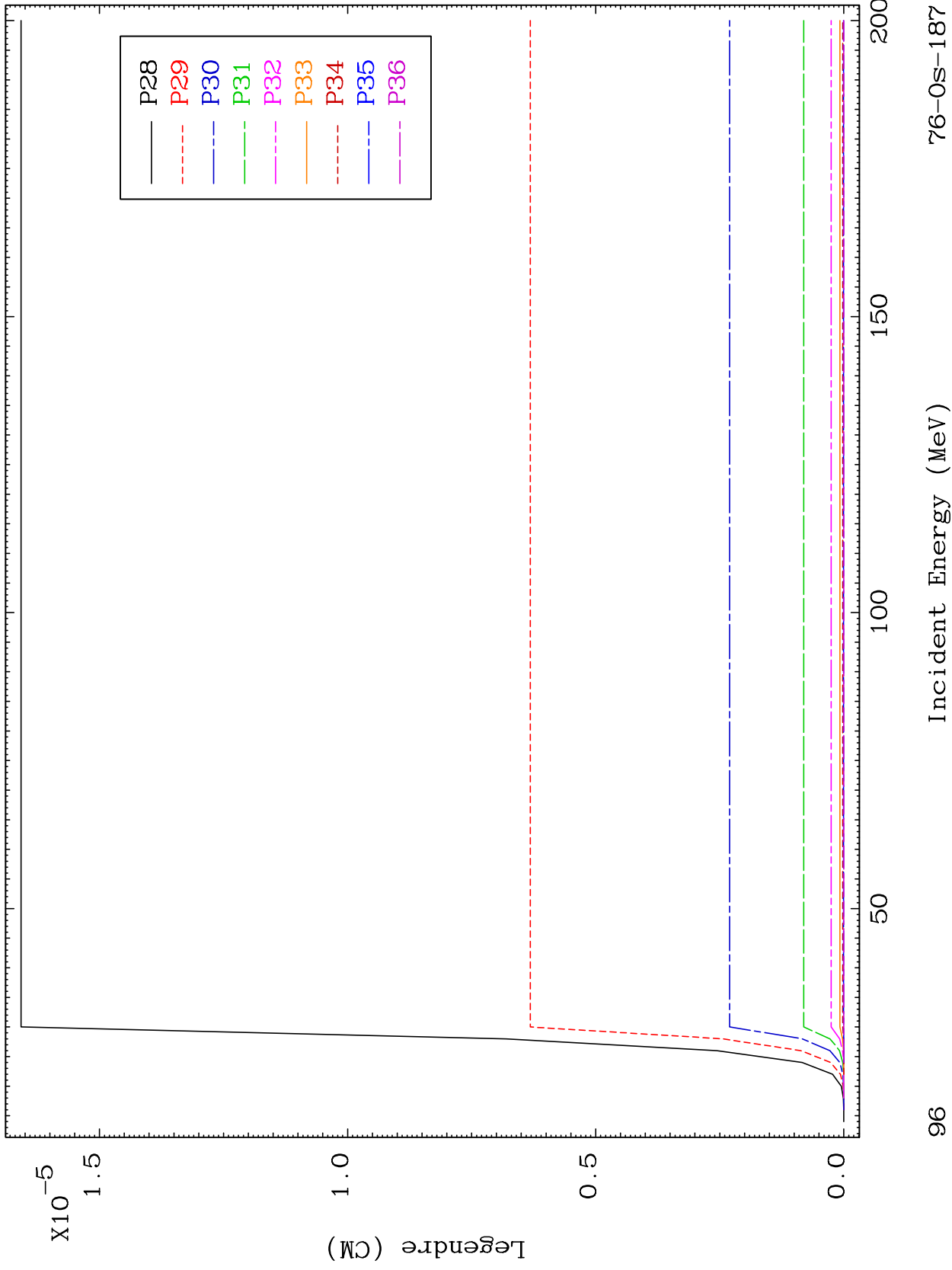
Incident Energy (MeV)

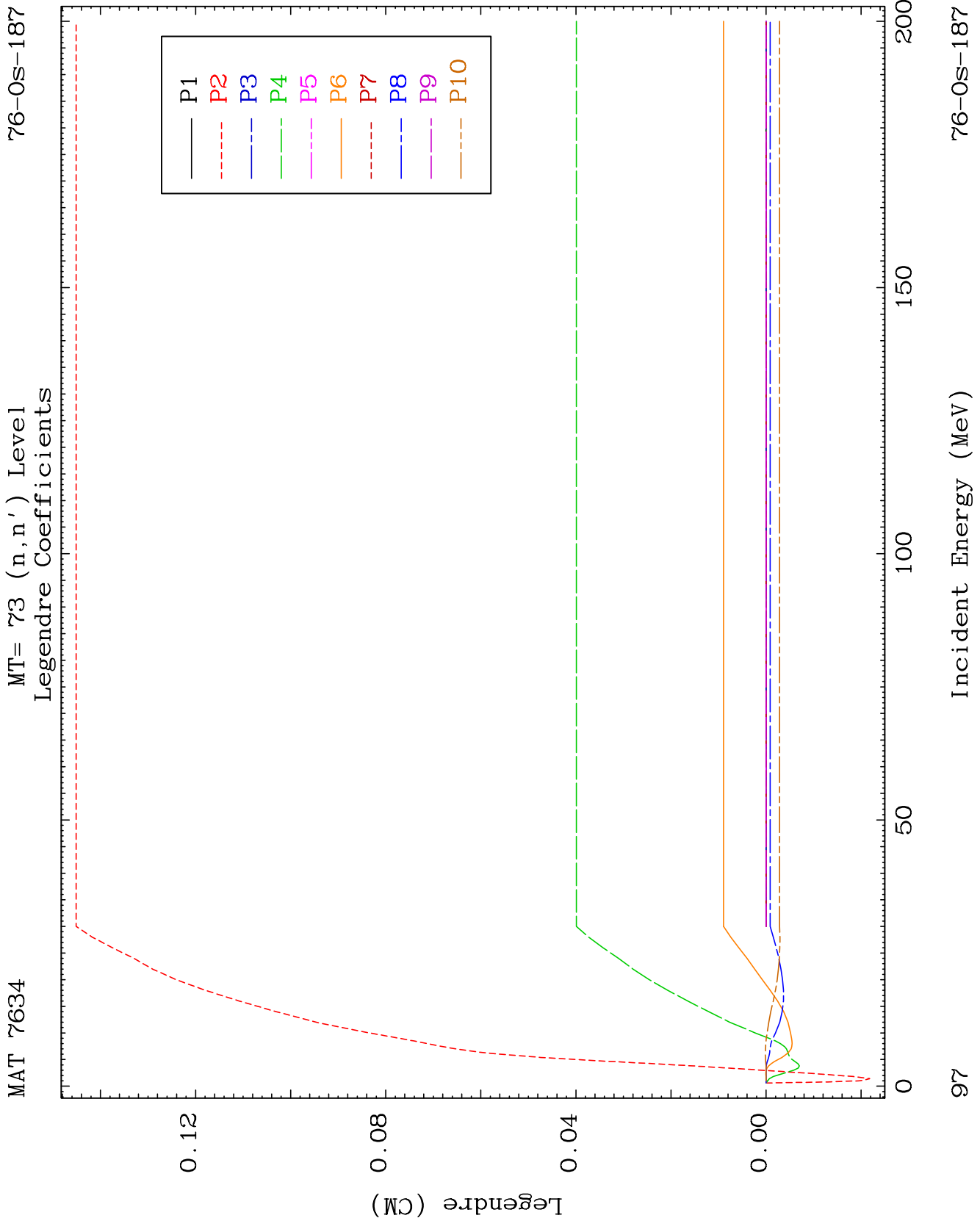
76-Os-187

MAT 7634

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

76-Os-187





76-Os-187

Incident Energy (MeV)

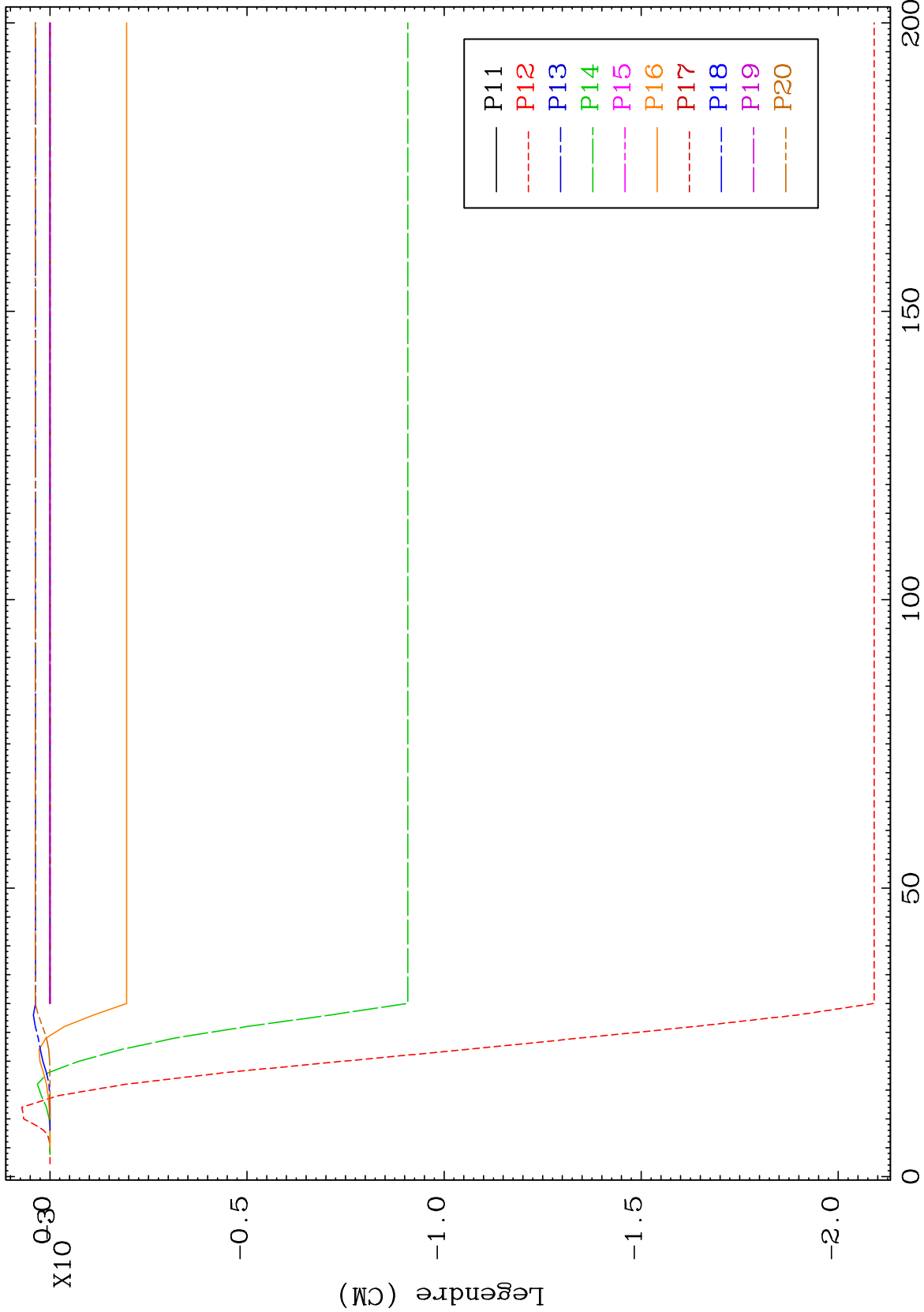
97

MAT 7634

MT= 73 (n,n') Level

76-Os-187

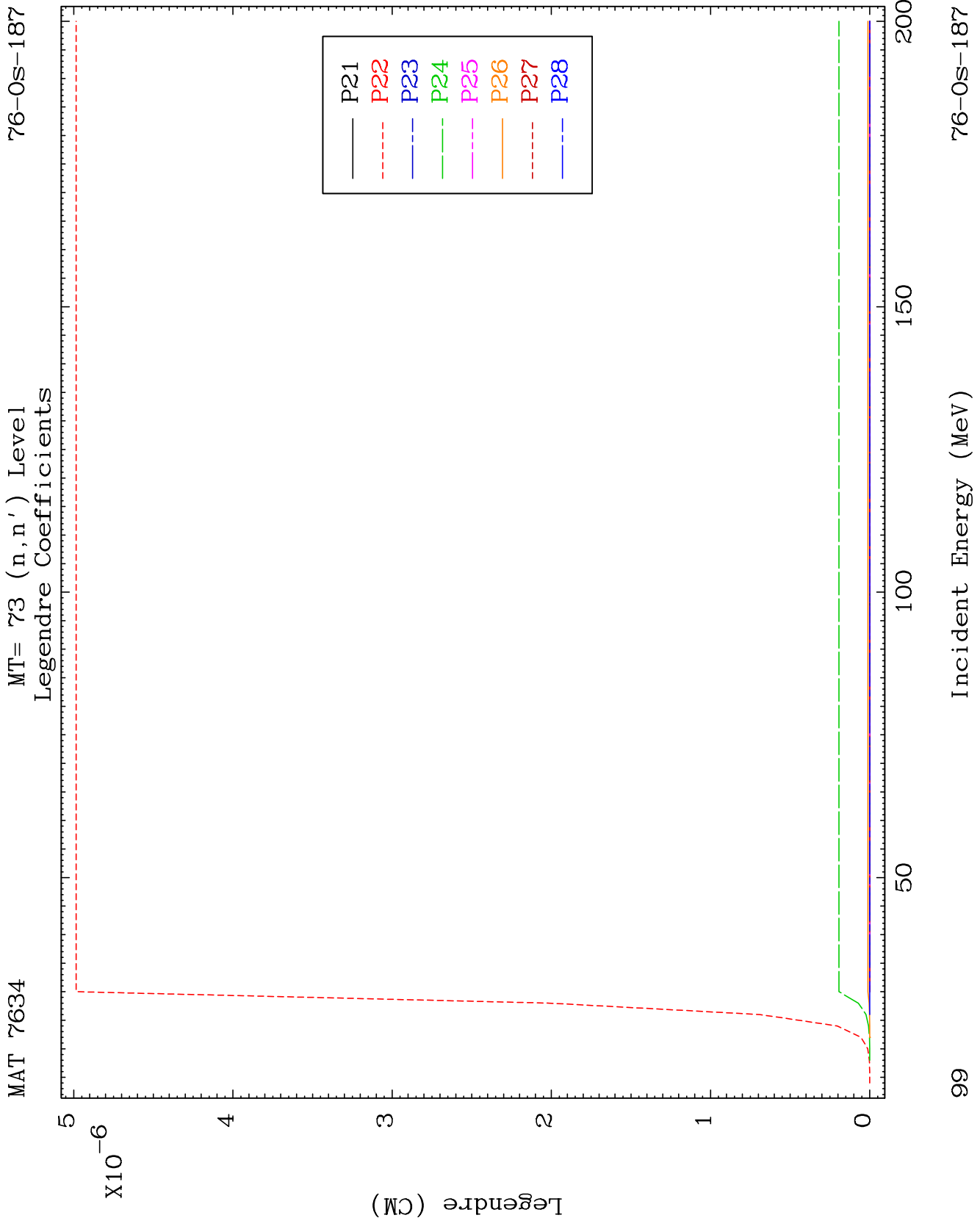
Legendre Coefficients



98

Incident Energy (MeV)

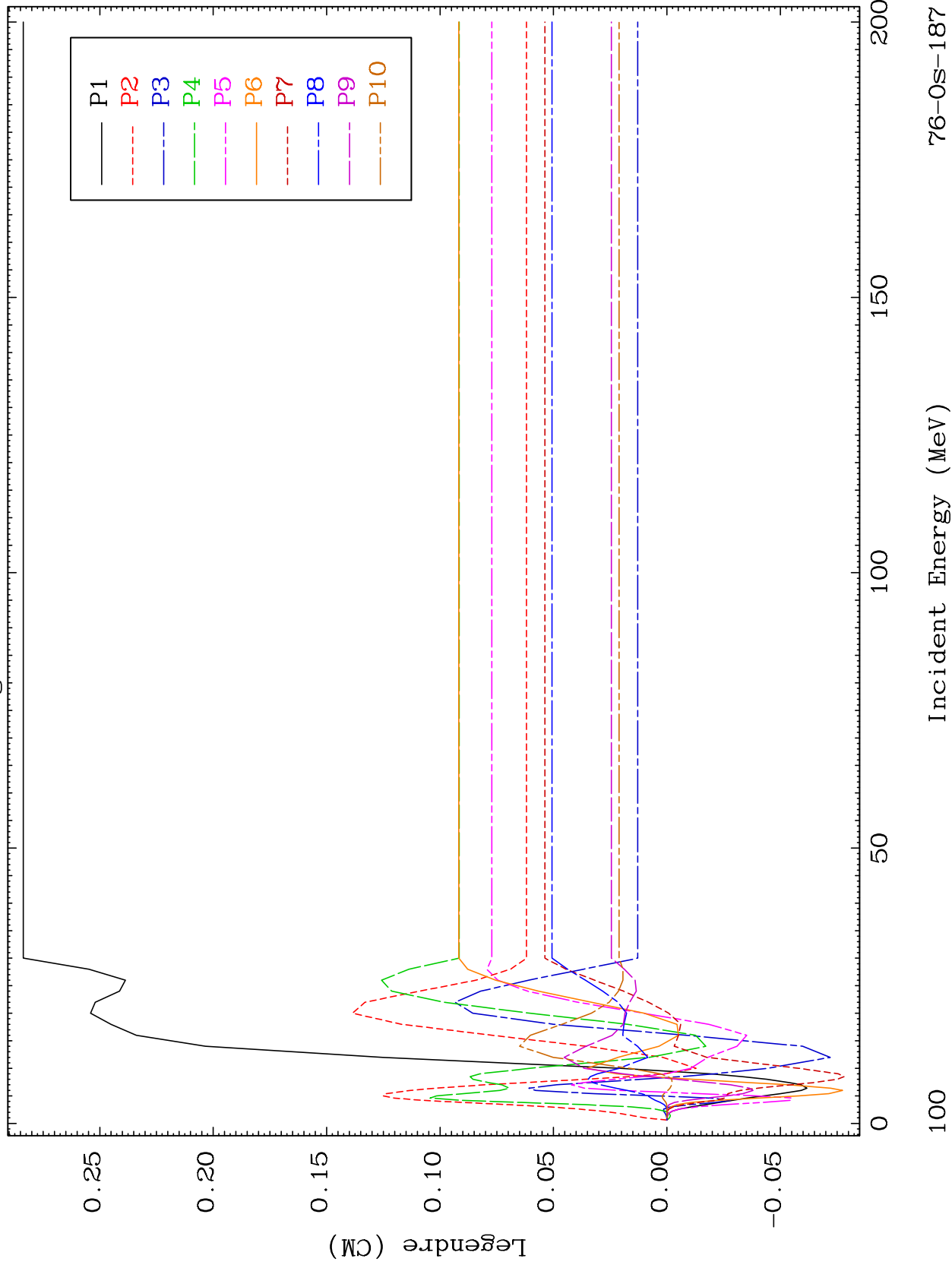
76-Os-187



MAT 7634

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

76-Os-187



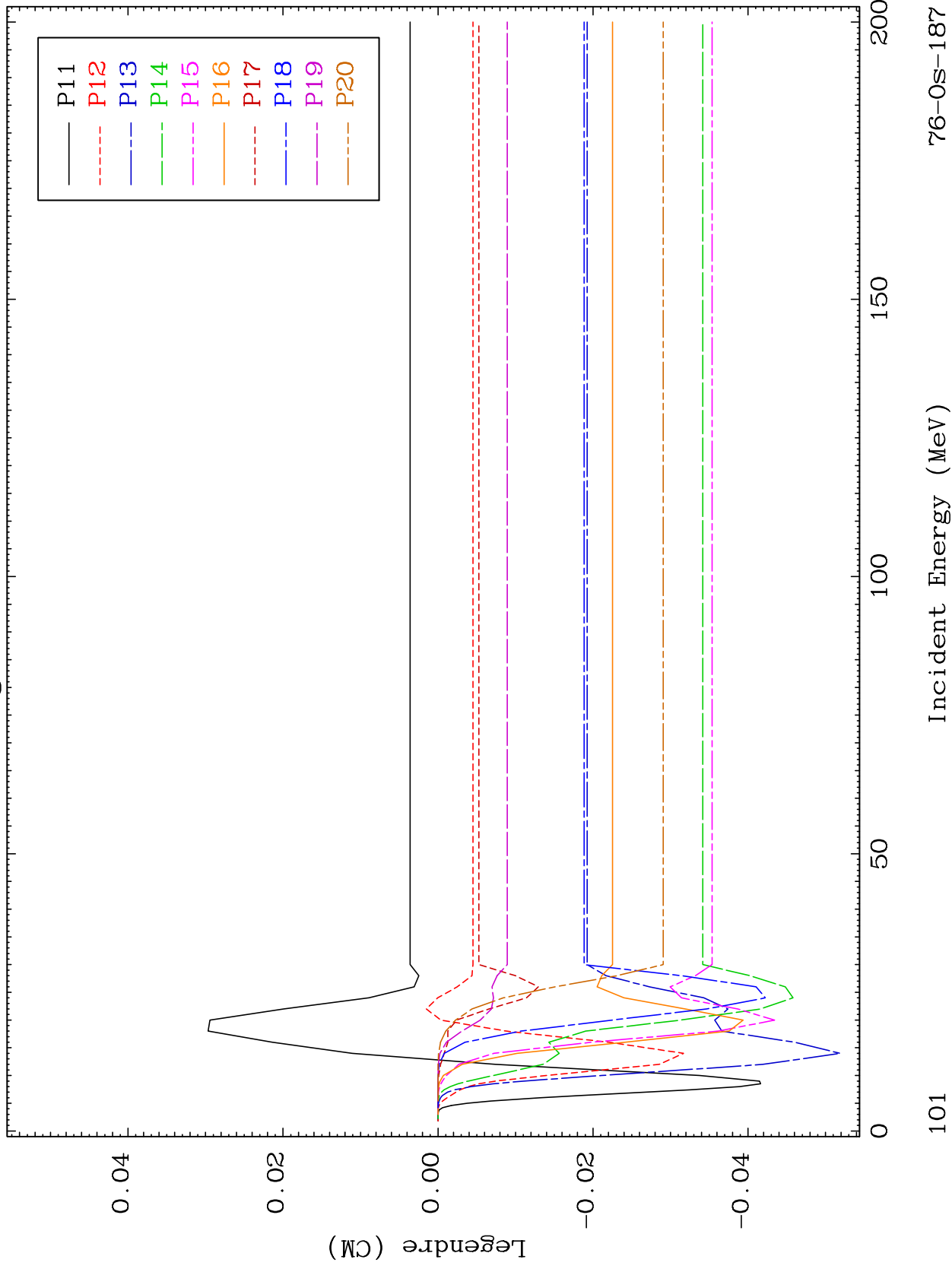
76-Os-187

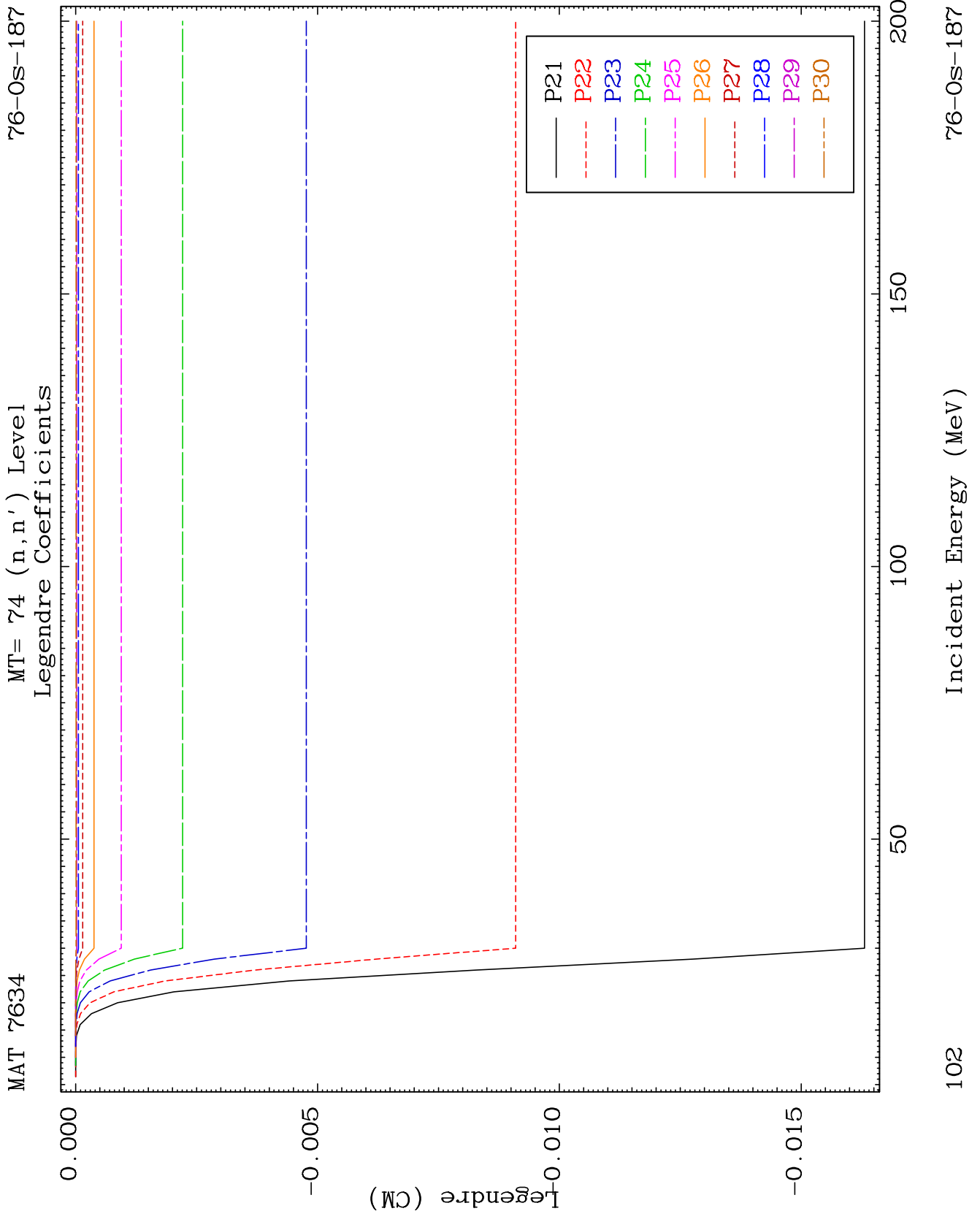
Incident Energy (MeV)

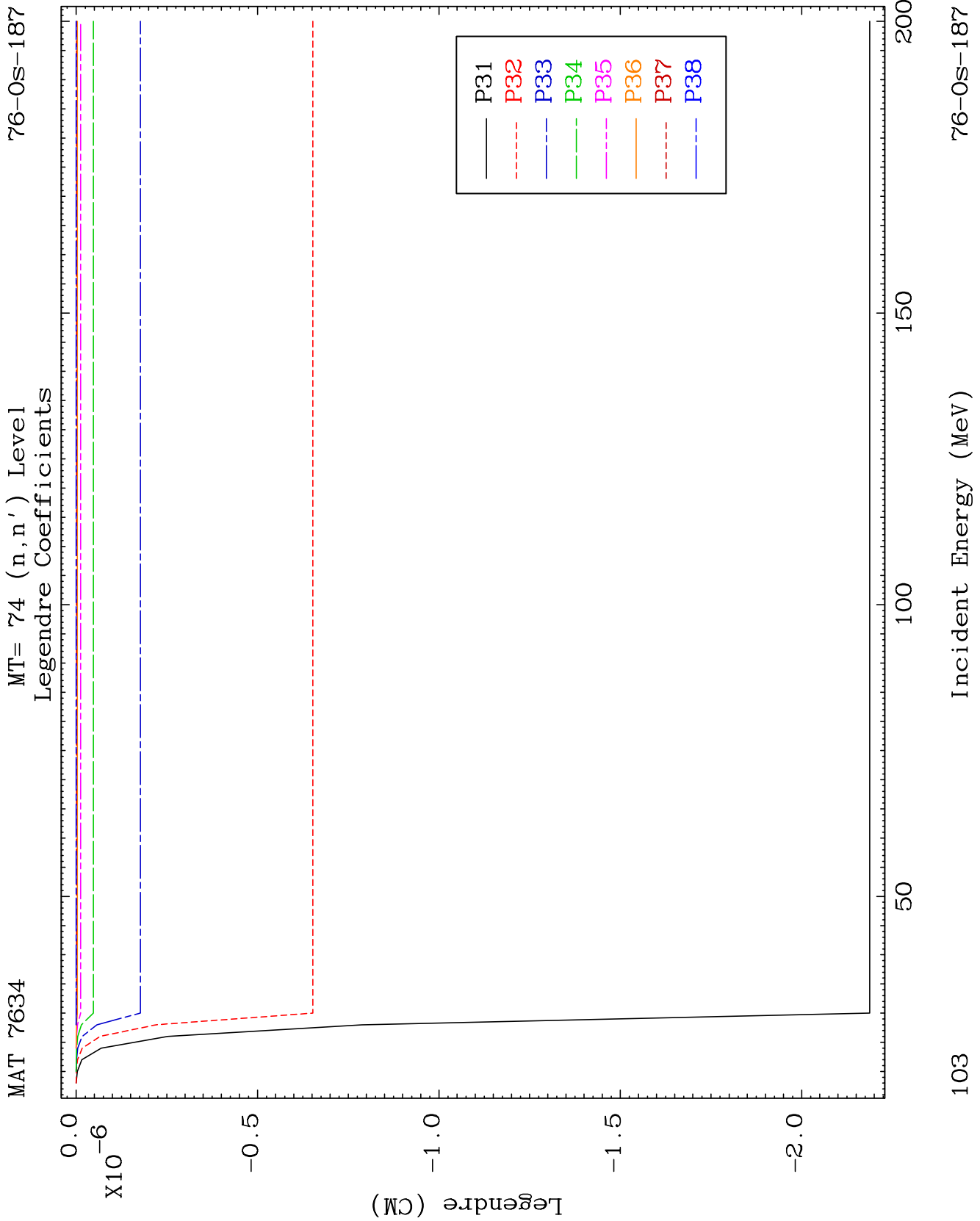
MAT 7634

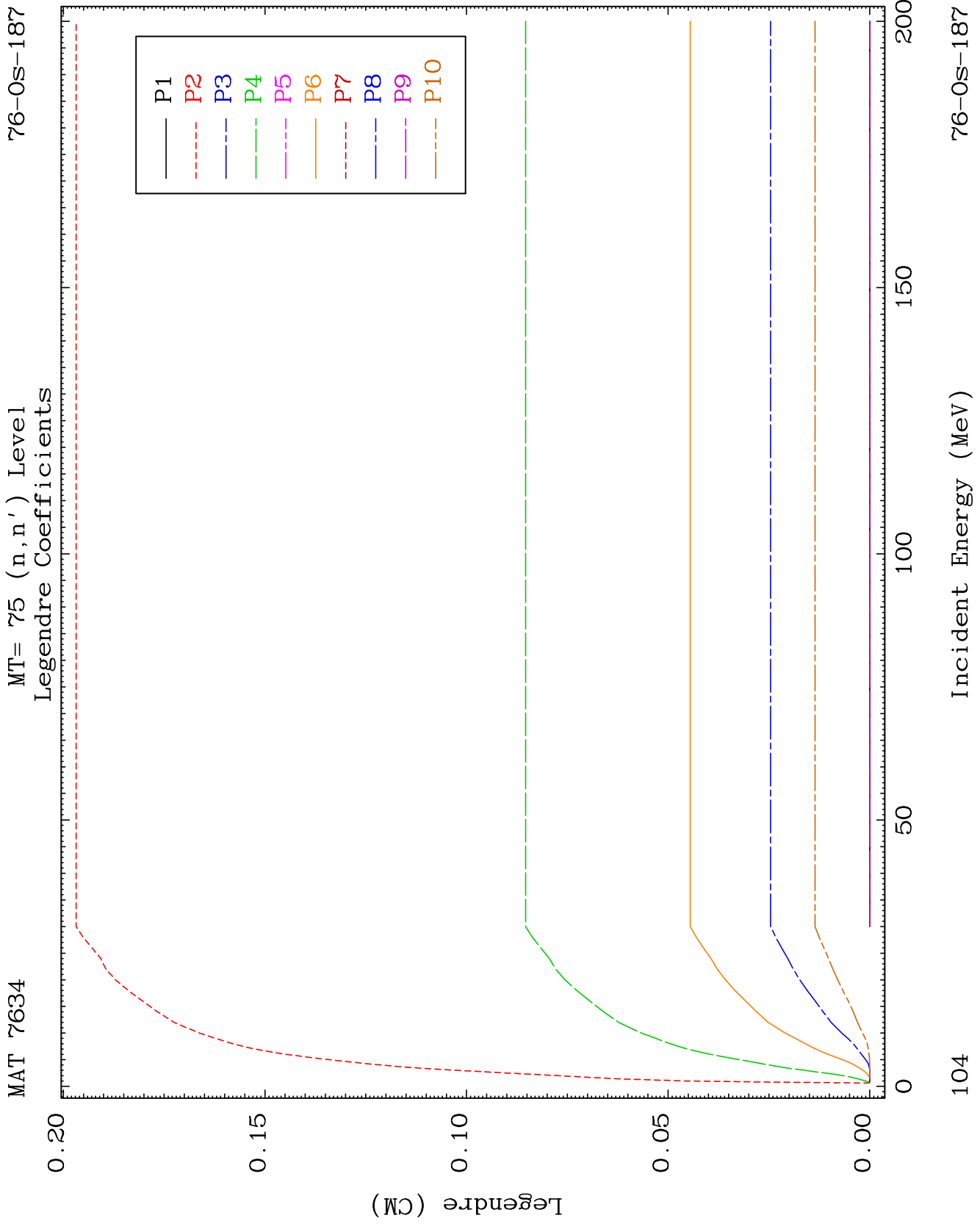
MT= 74 (n,n') Level  
Legendre Coefficients

76-Os-187

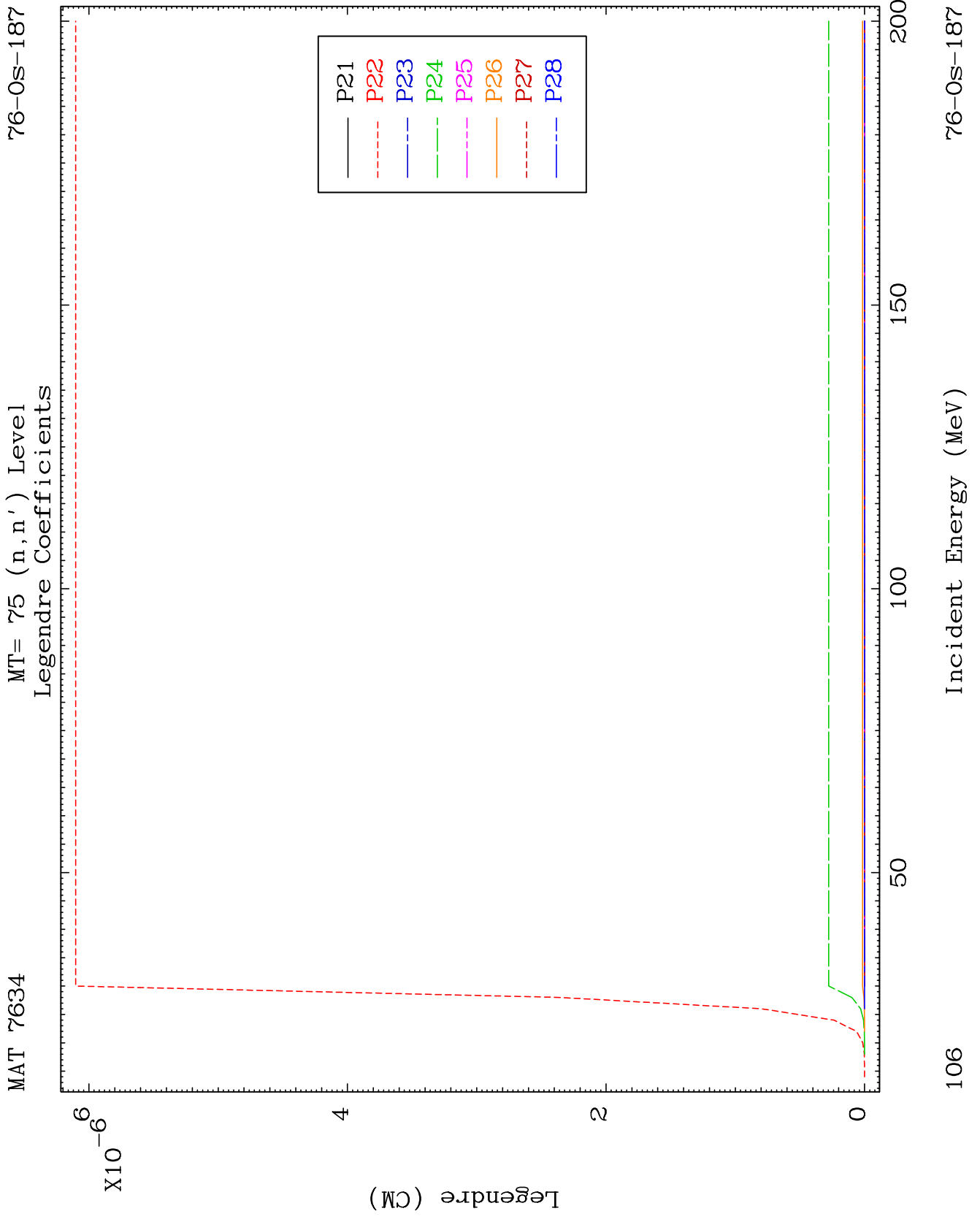








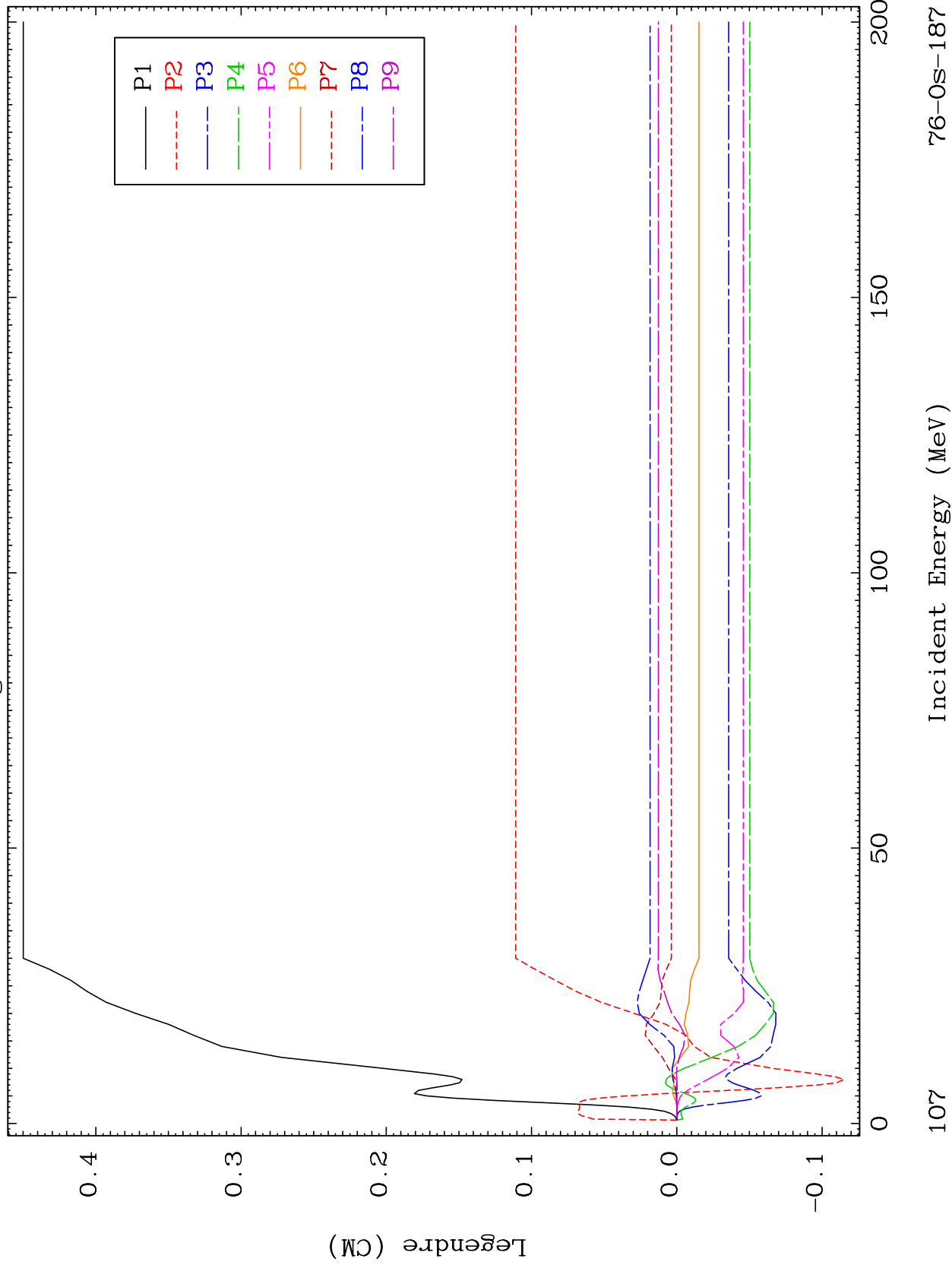




MAT 7634

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

76-Os-187



76-Os-187

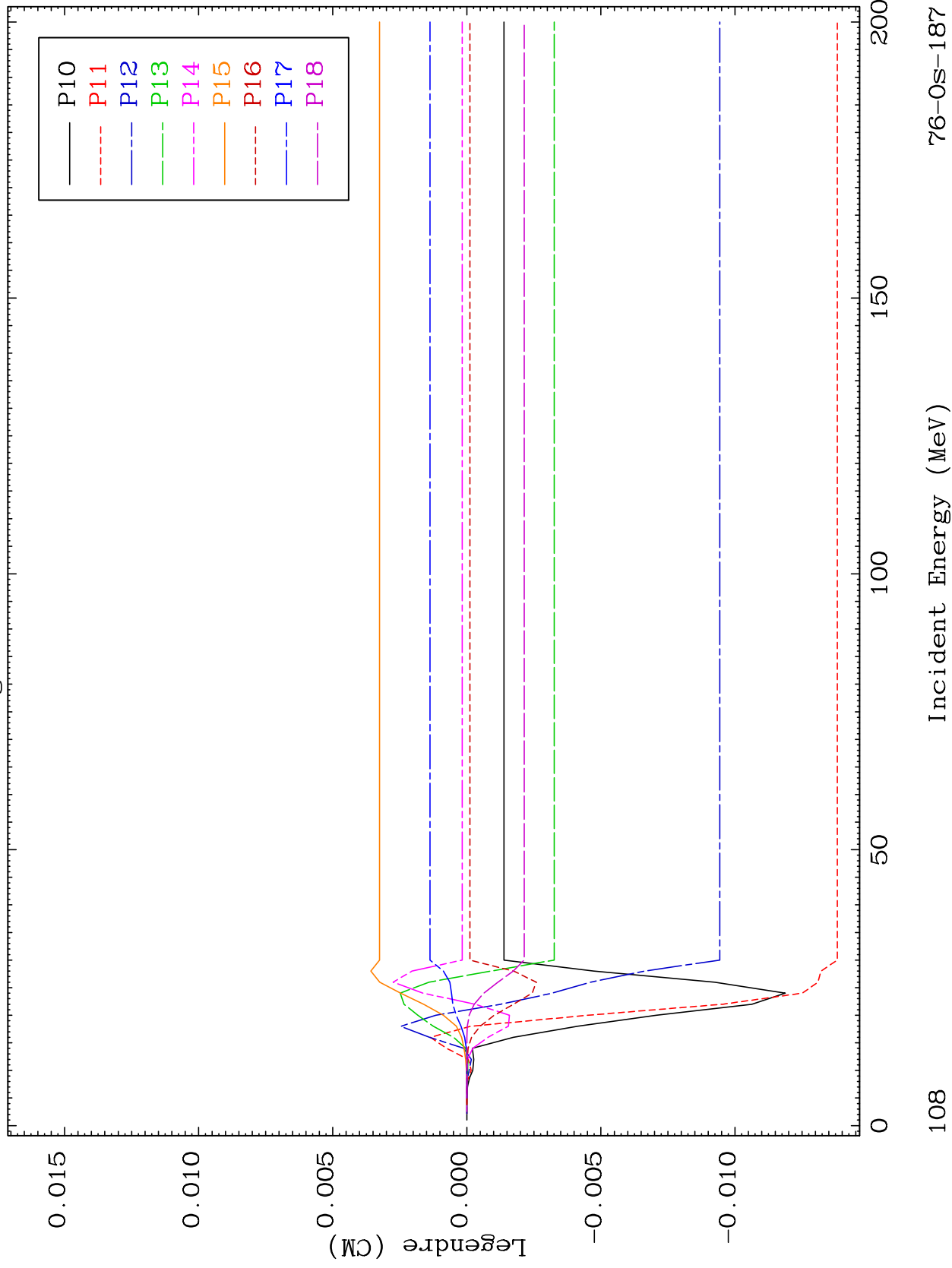
Incident Energy (MeV)

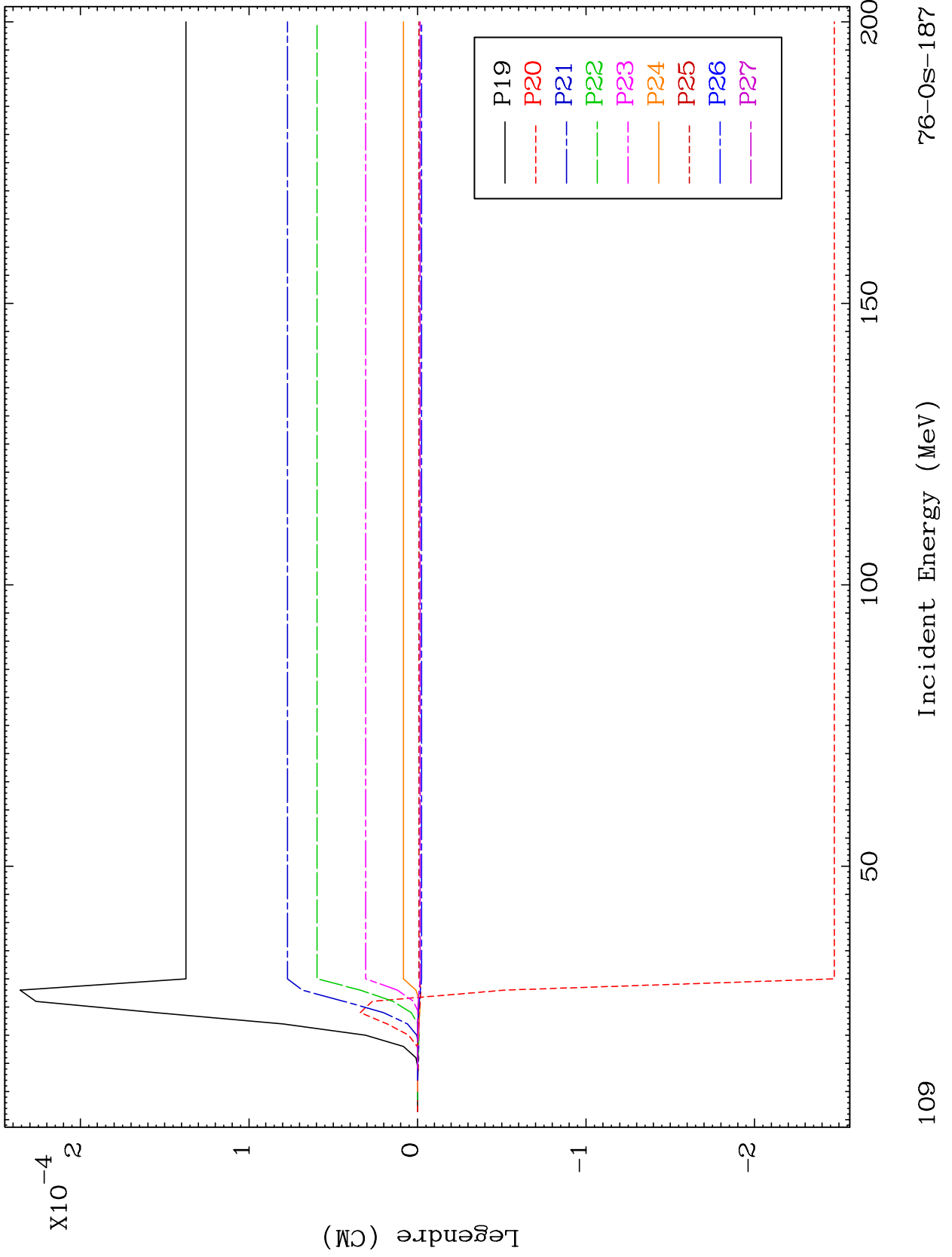
107

MAT 7634

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

76-Os-187



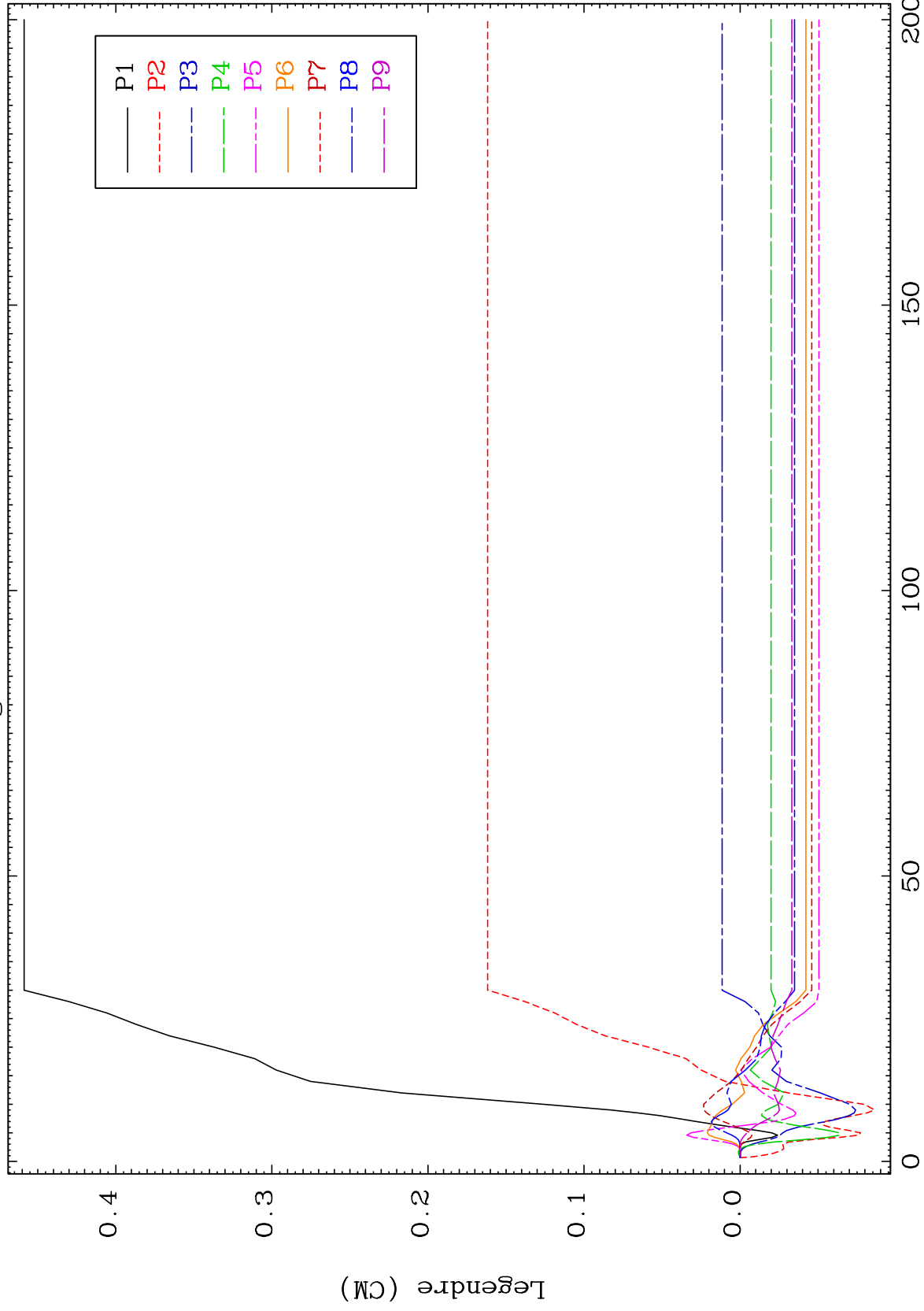




MAT 7634

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

76-Os-187



111

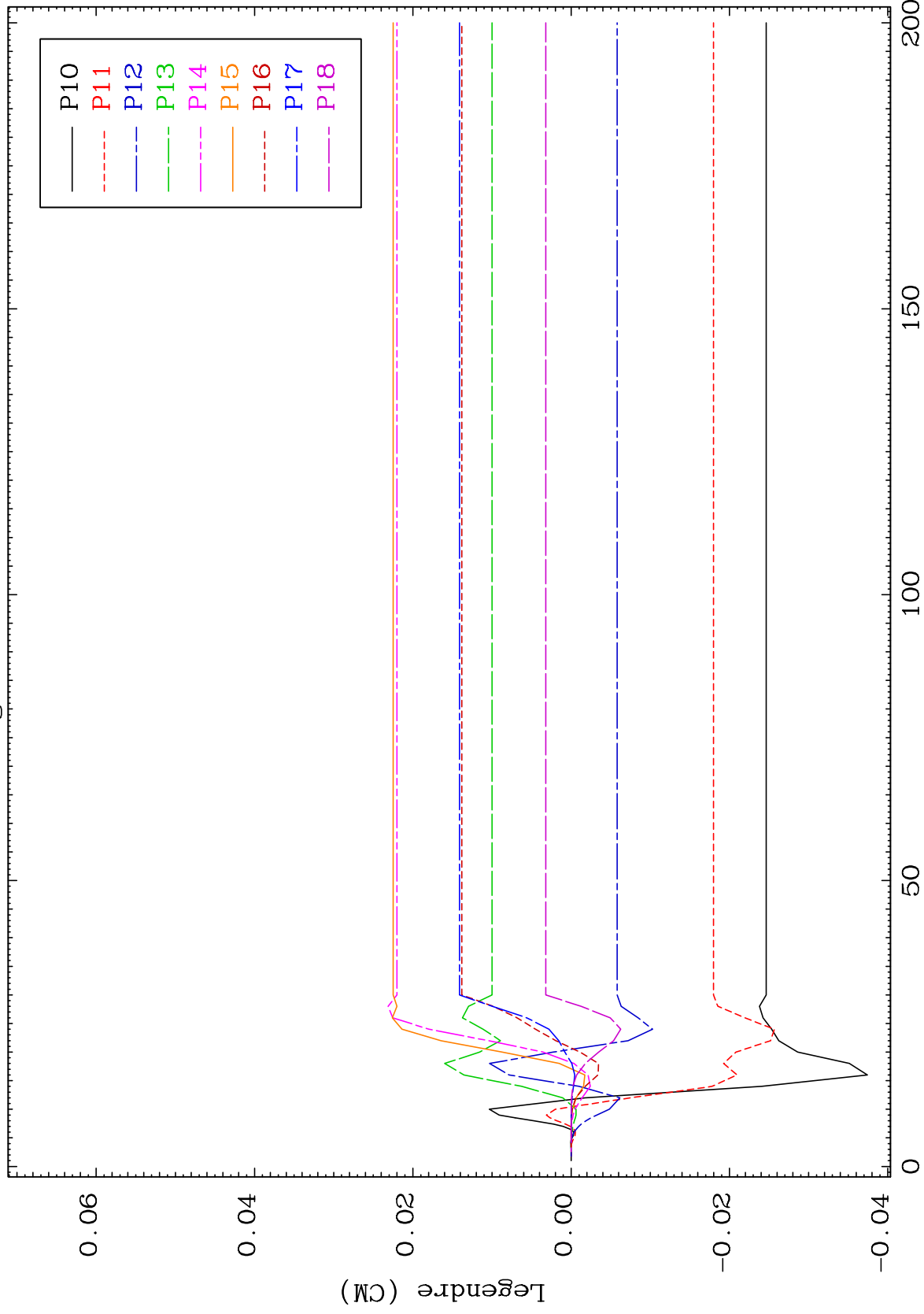
Incident Energy (MeV)

76-Os-187

MAT 7634

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

76-Os-187



112

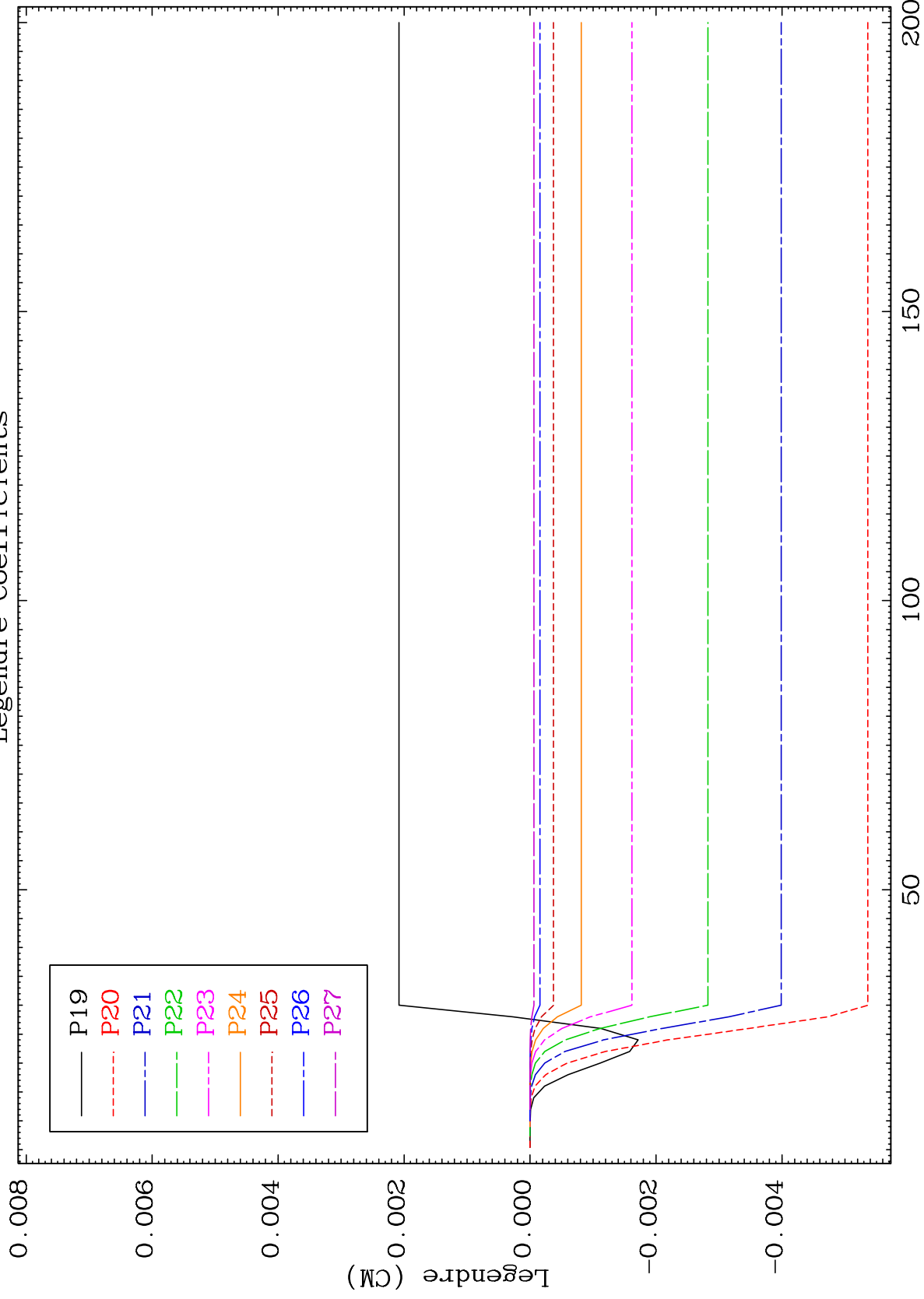
Incident Energy (MeV)

76-Os-187

MAT 7634

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

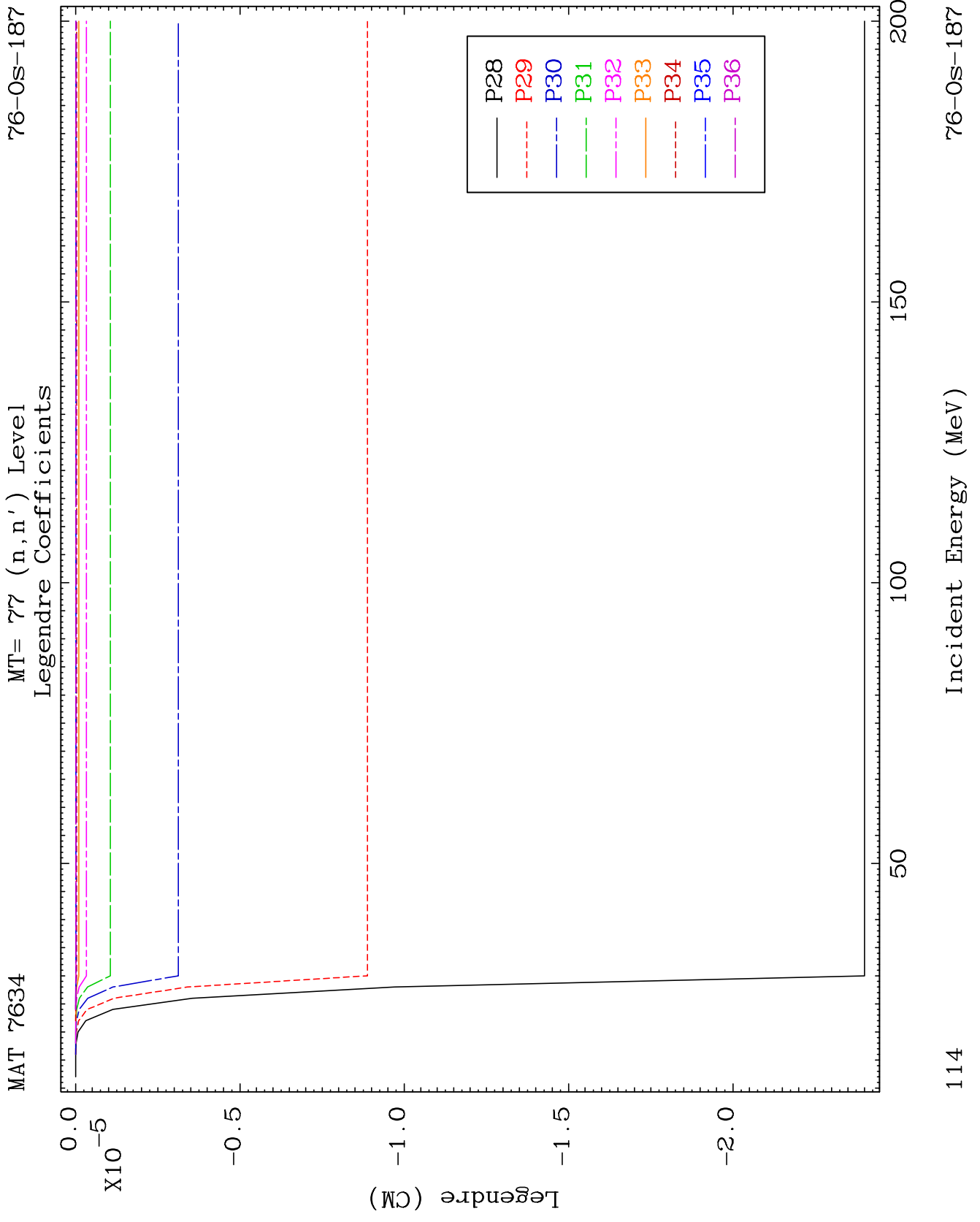
76-Os-187



113

Incident Energy (MeV)

76-Os-187

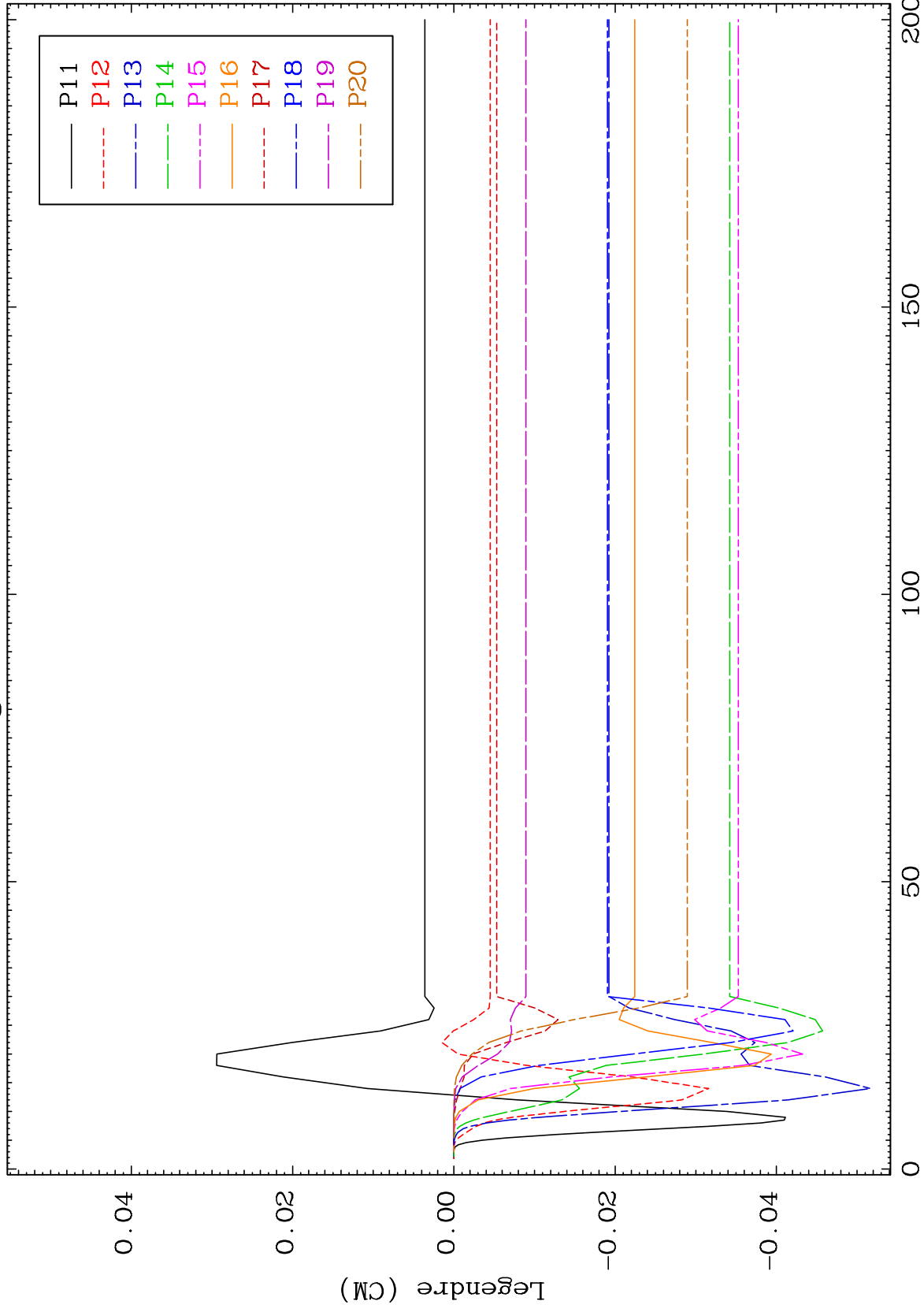




MAT 7634

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

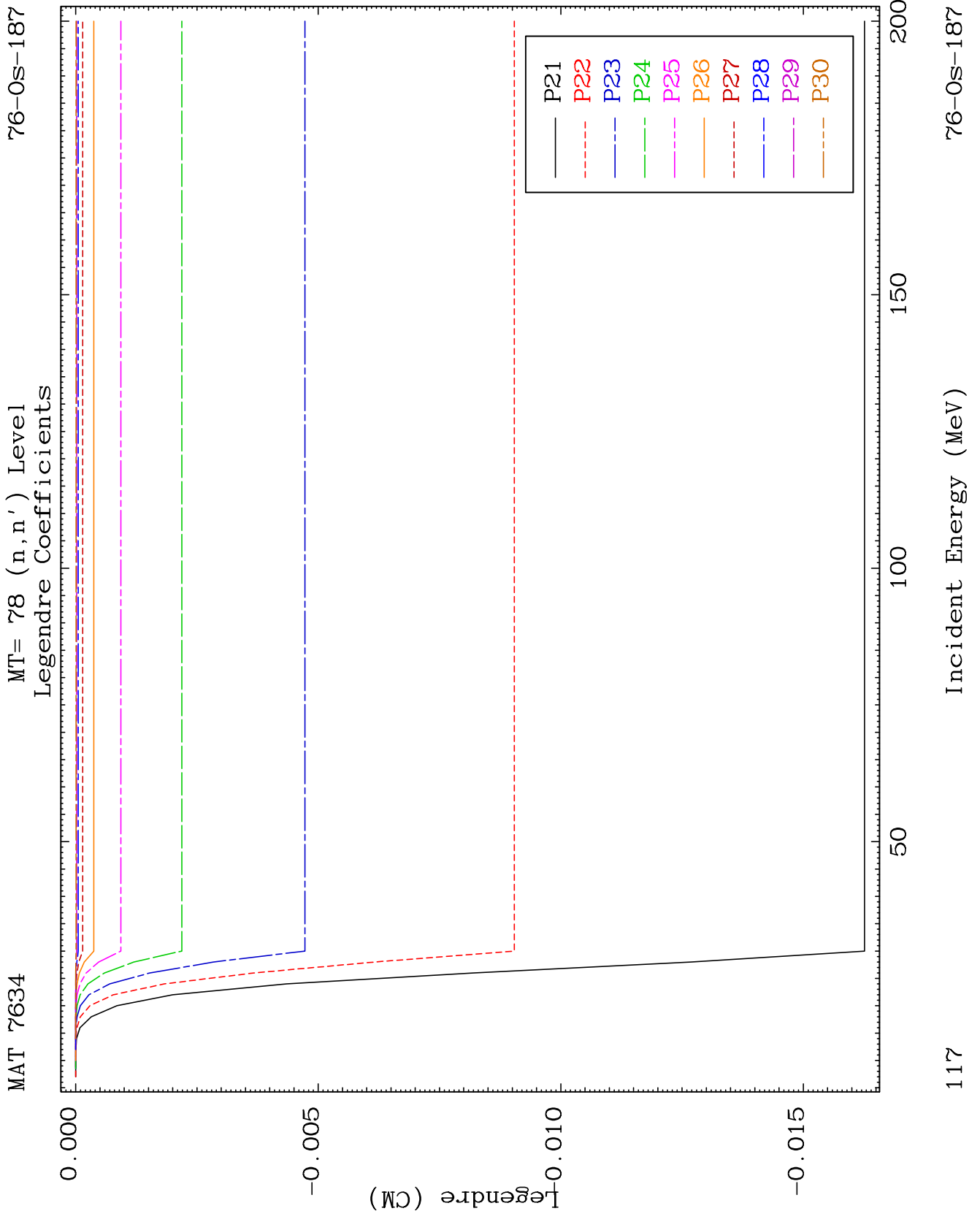
76-Os-187

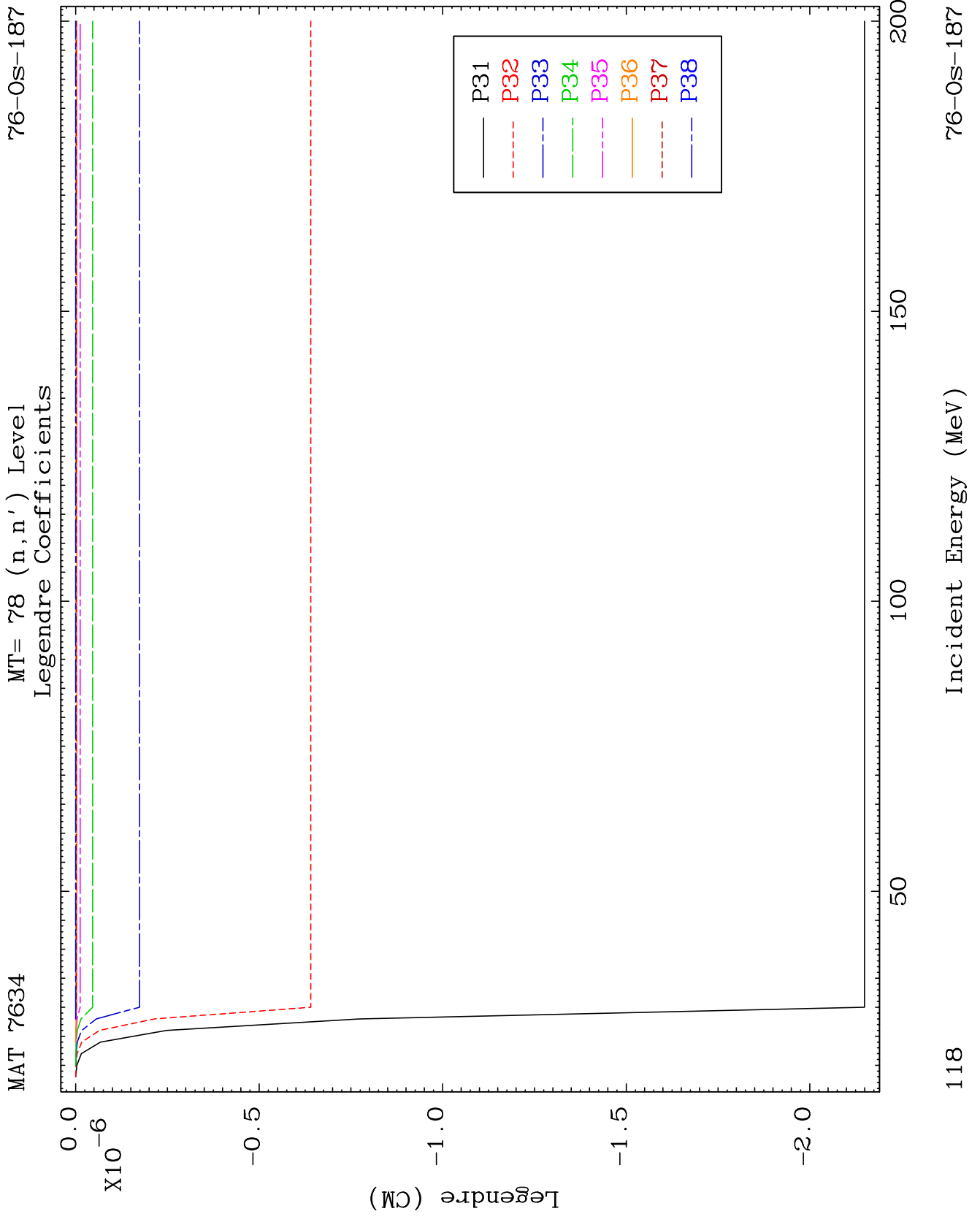


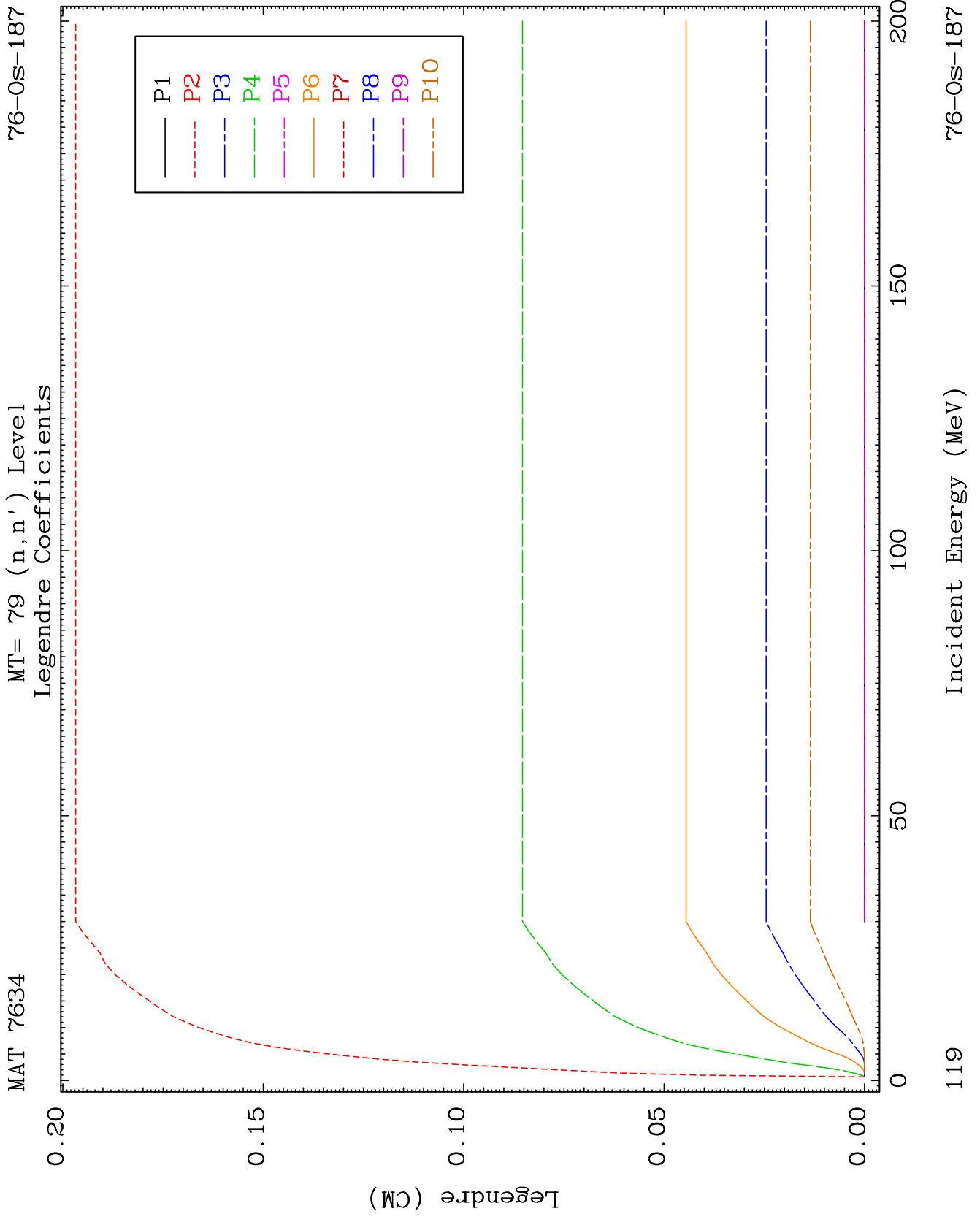
116

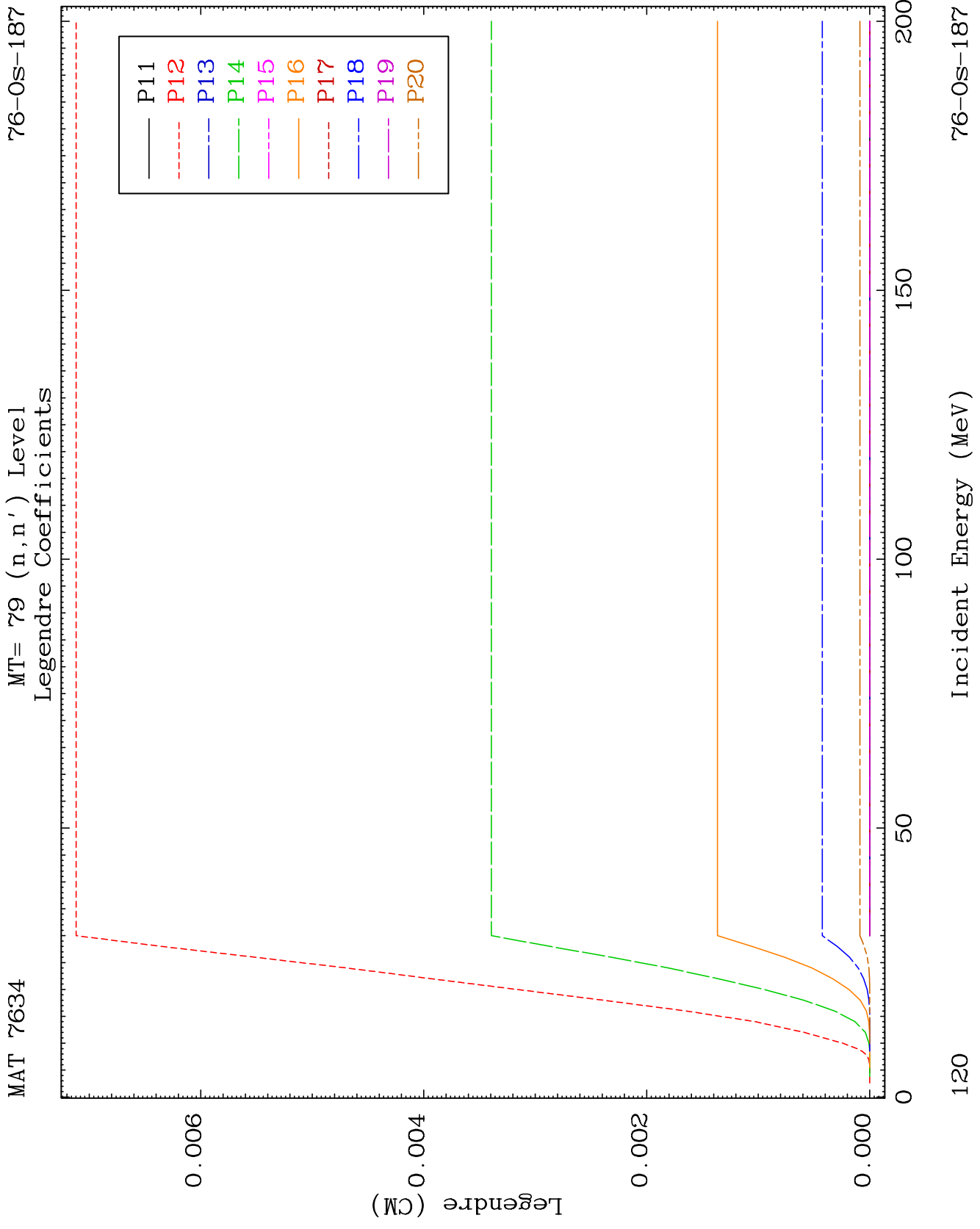
Incident Energy (MeV)

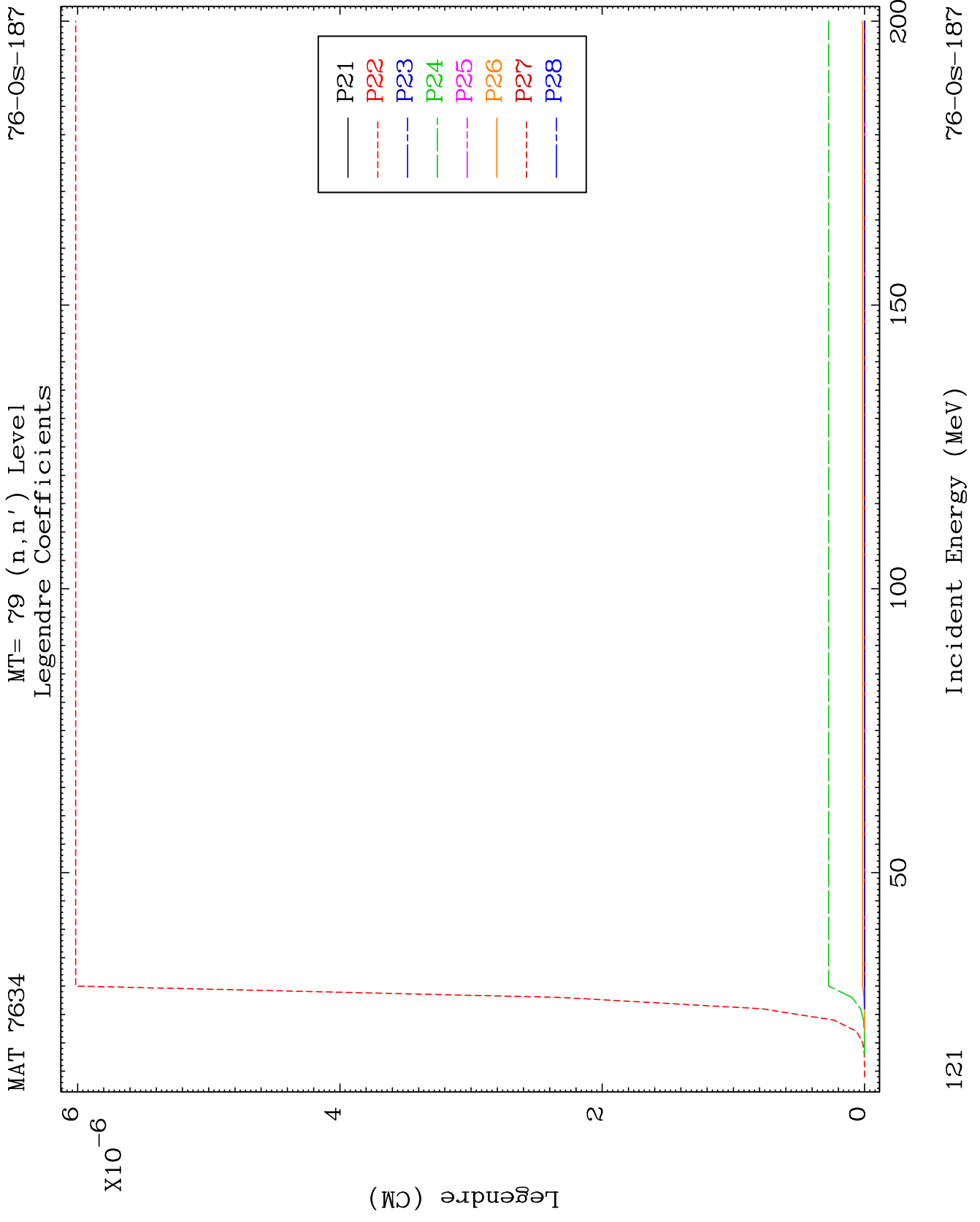
76-Os-187









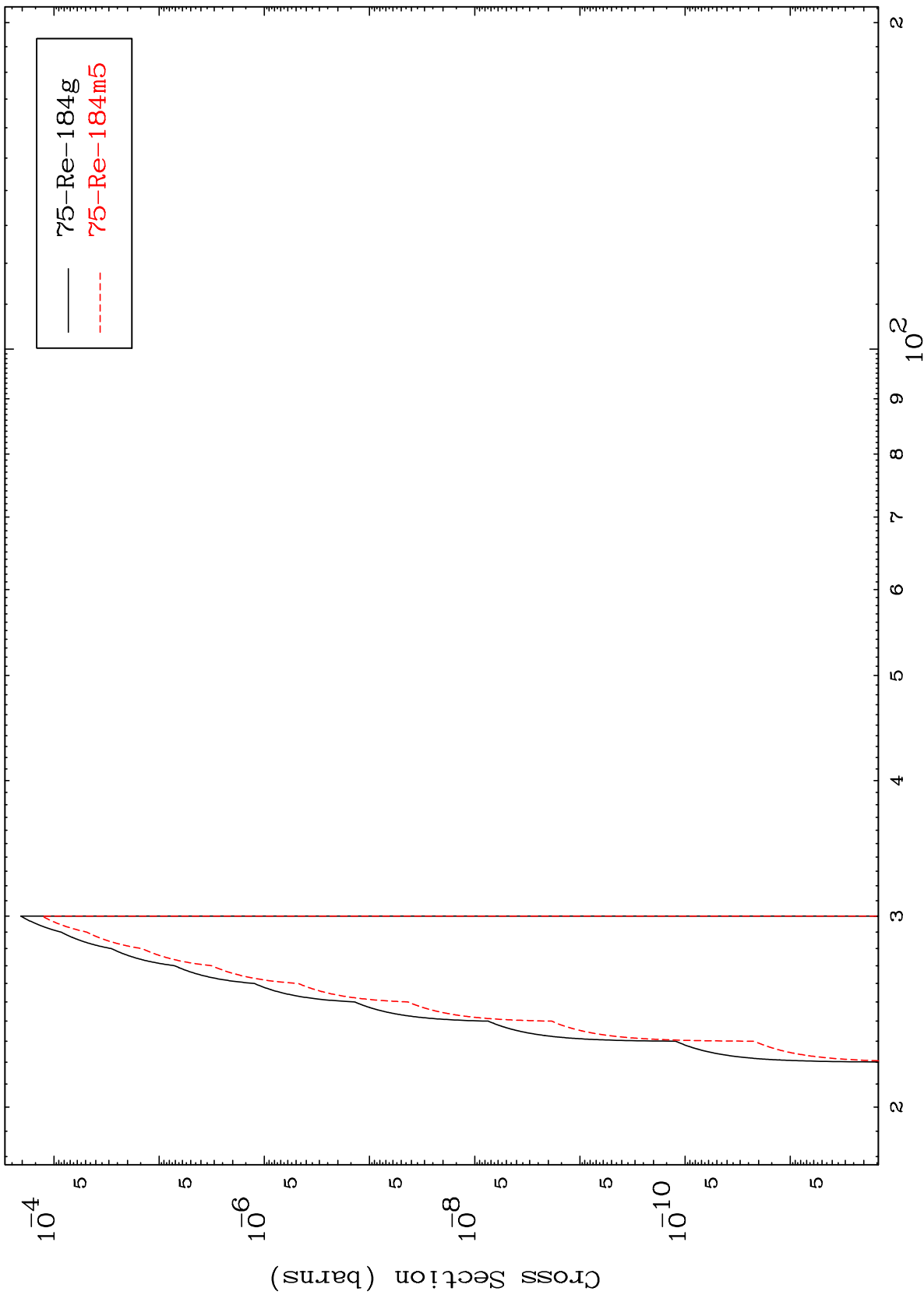


MAT 7634

(n,2n) d

76-Os-187

Radionuclide Production Cross Section



122

Incident Energy (MeV)

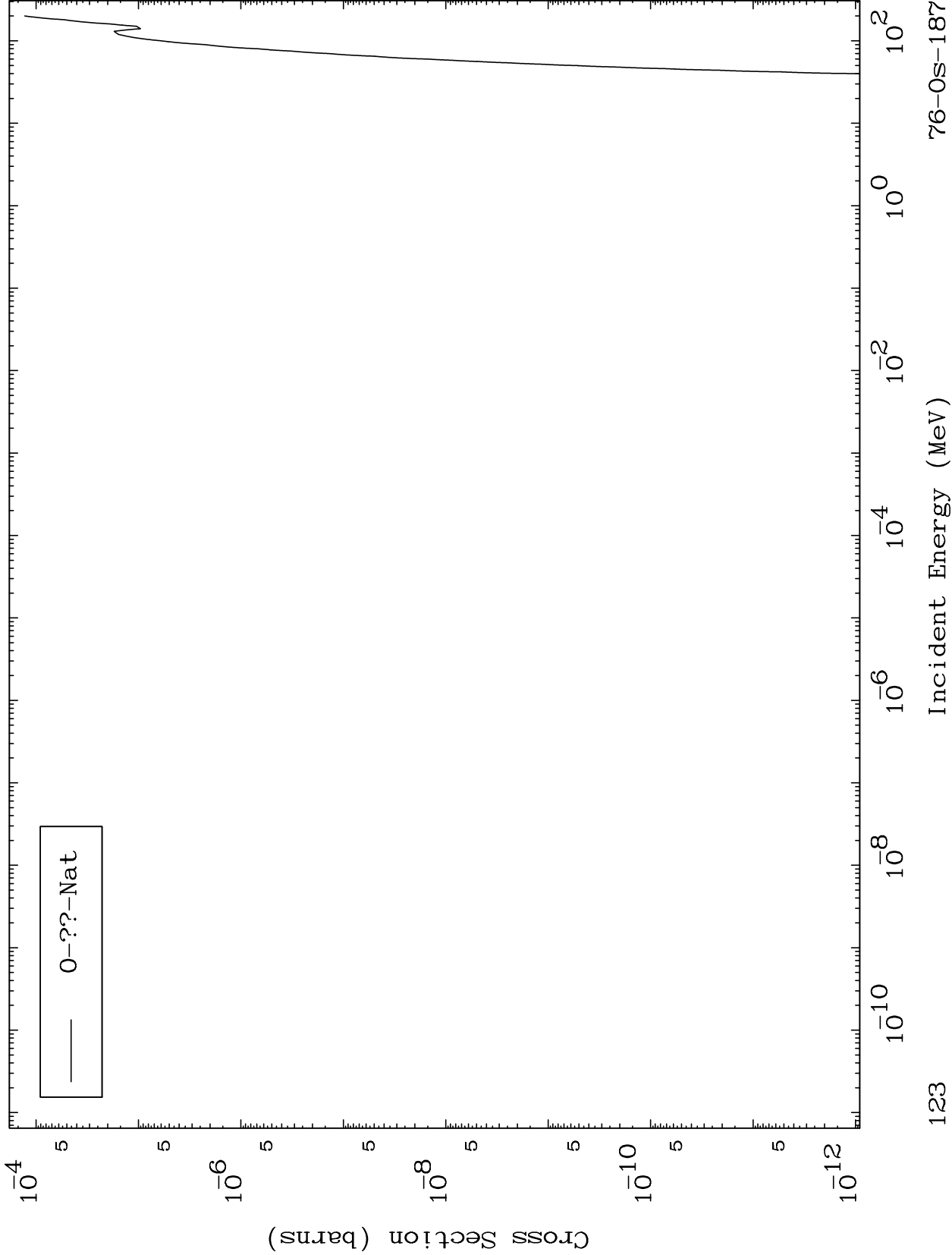
76-Os-187

MAT 7634

Fission

76-Os-187

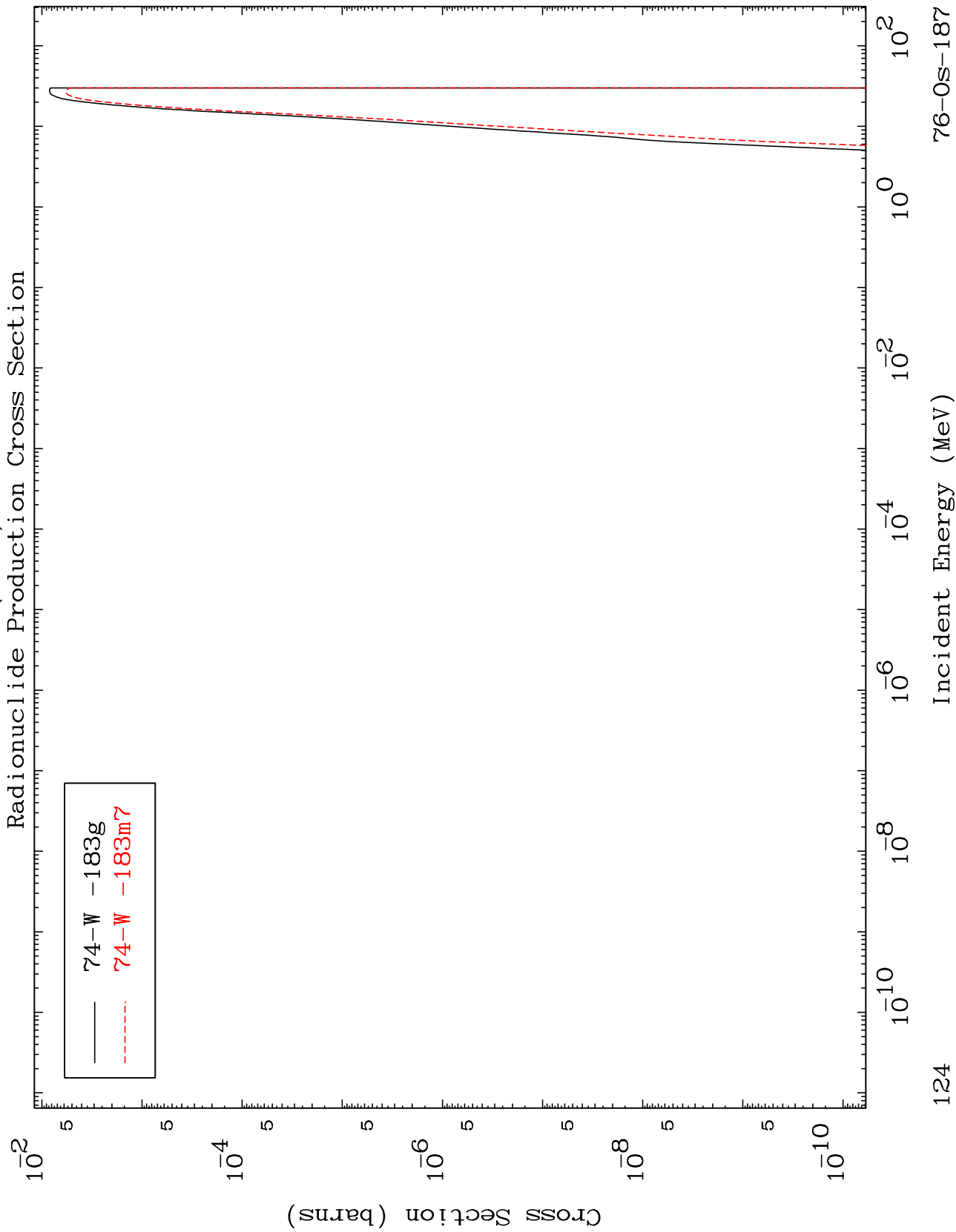
Radionuclide Production Cross Section



MAT 7634

$(n, n') \alpha$

76-Os-187

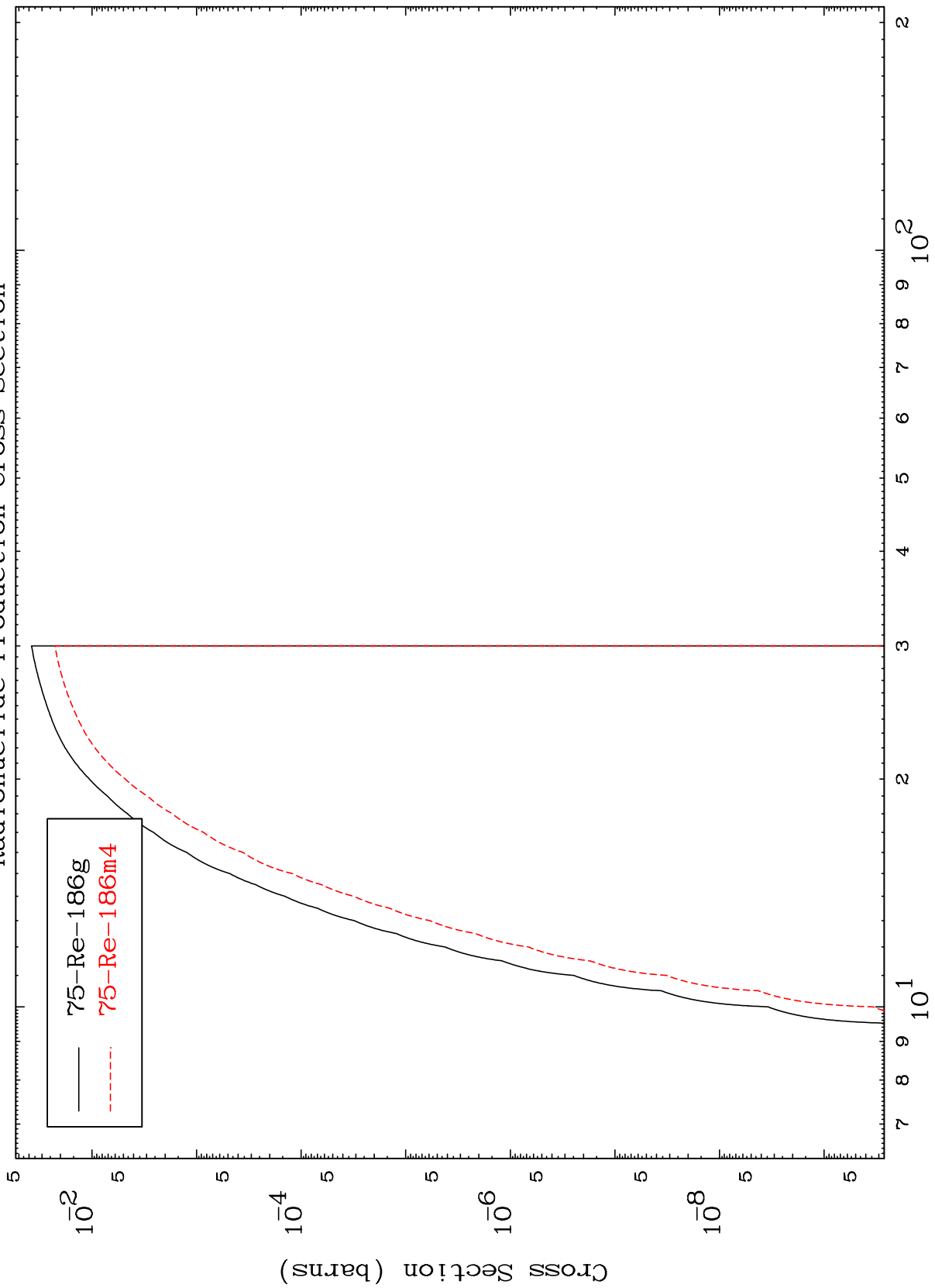


MAT 7634

(n,n') p

76-Os-187

Radionuclide Production Cross Section



125

Incident Energy (MeV)

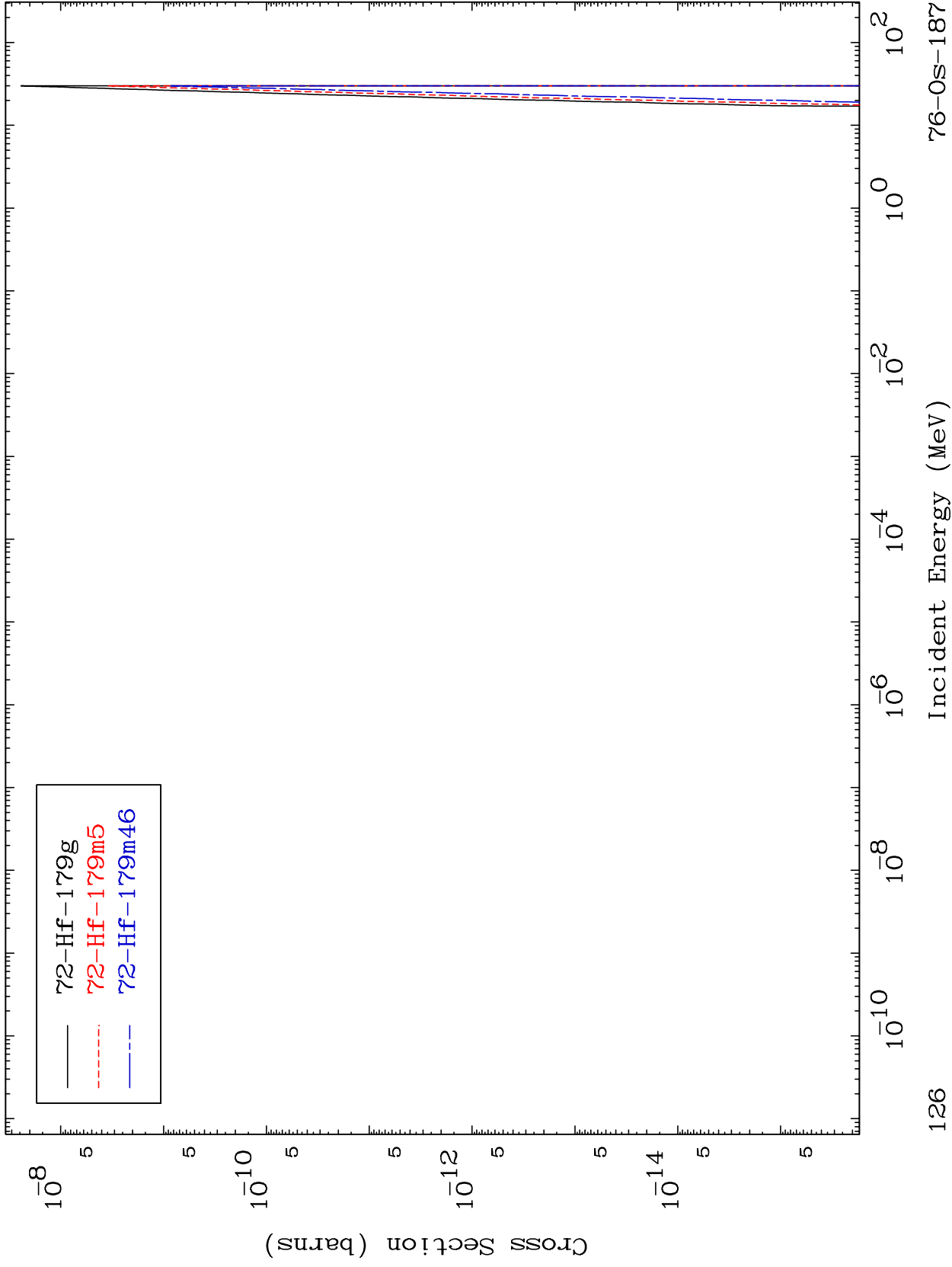
76-Os-187

MAT 7634

(n,n') 2α

76-Os-187

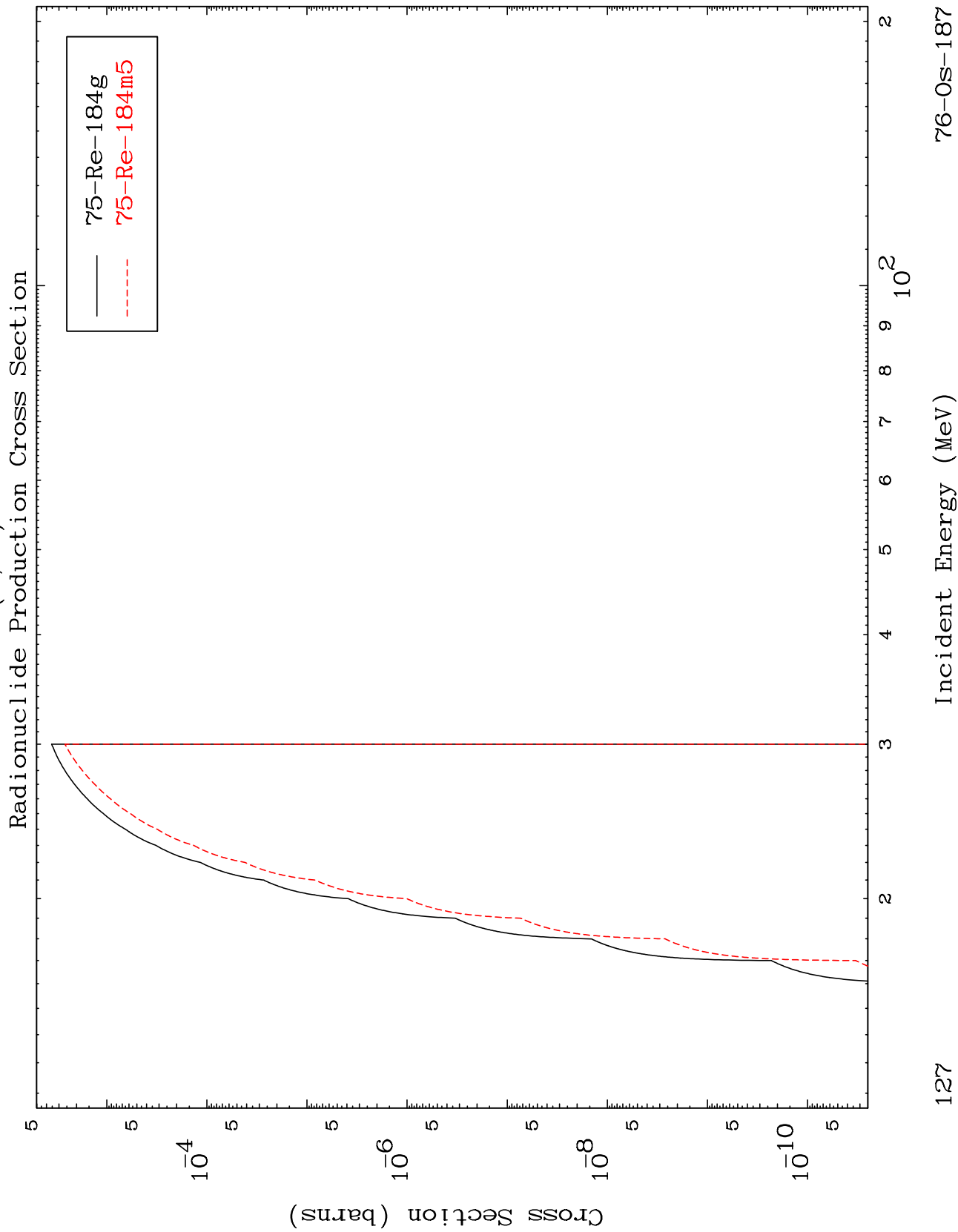
Radionuclide Production Cross Section



MAT 7634

(n,n') t

76-Os-187



127

Incident Energy (MeV)

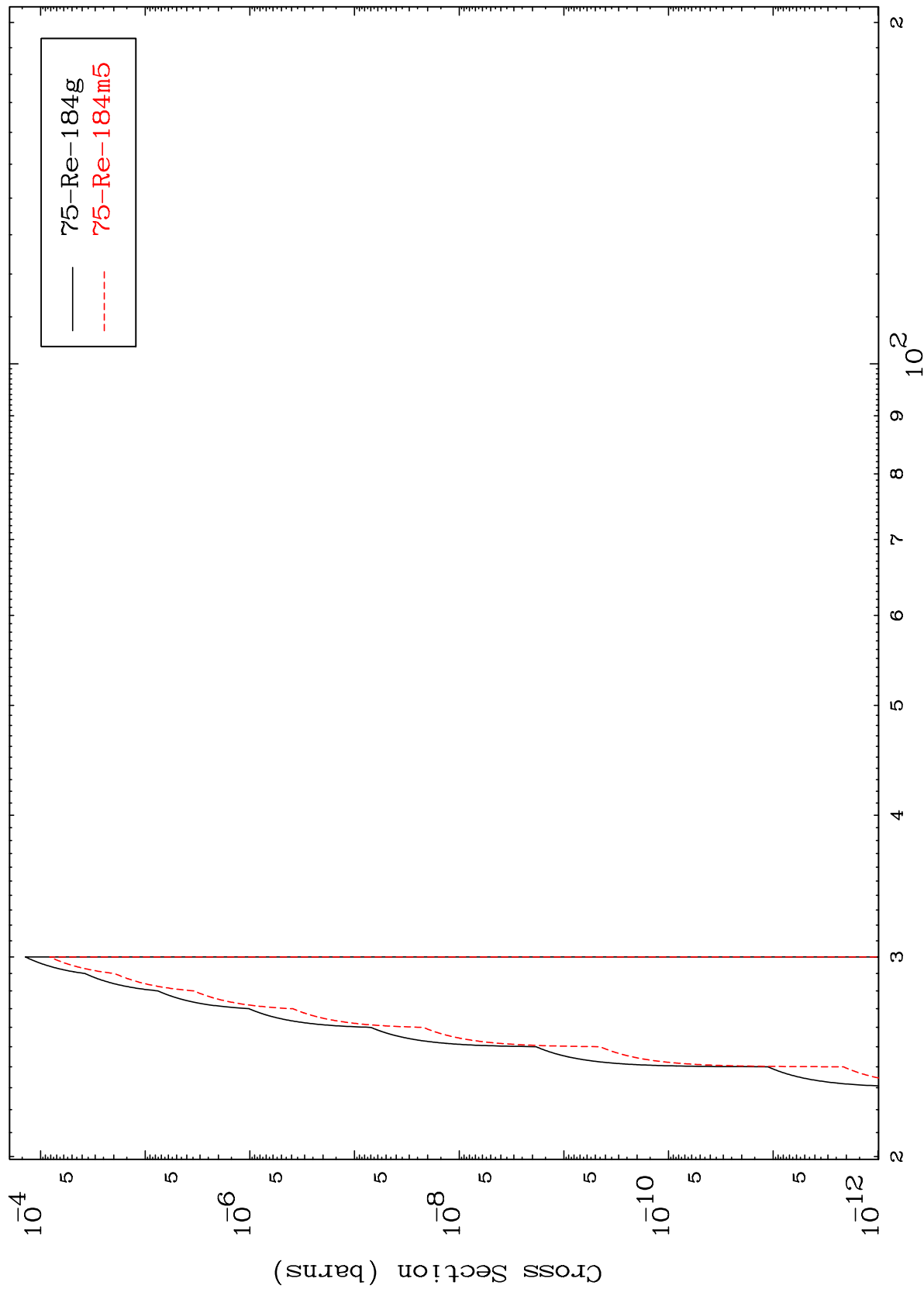
76-Os-187

MAT 7634

(n,3n) p

76-Os-187

Radionuclide Production Cross Section

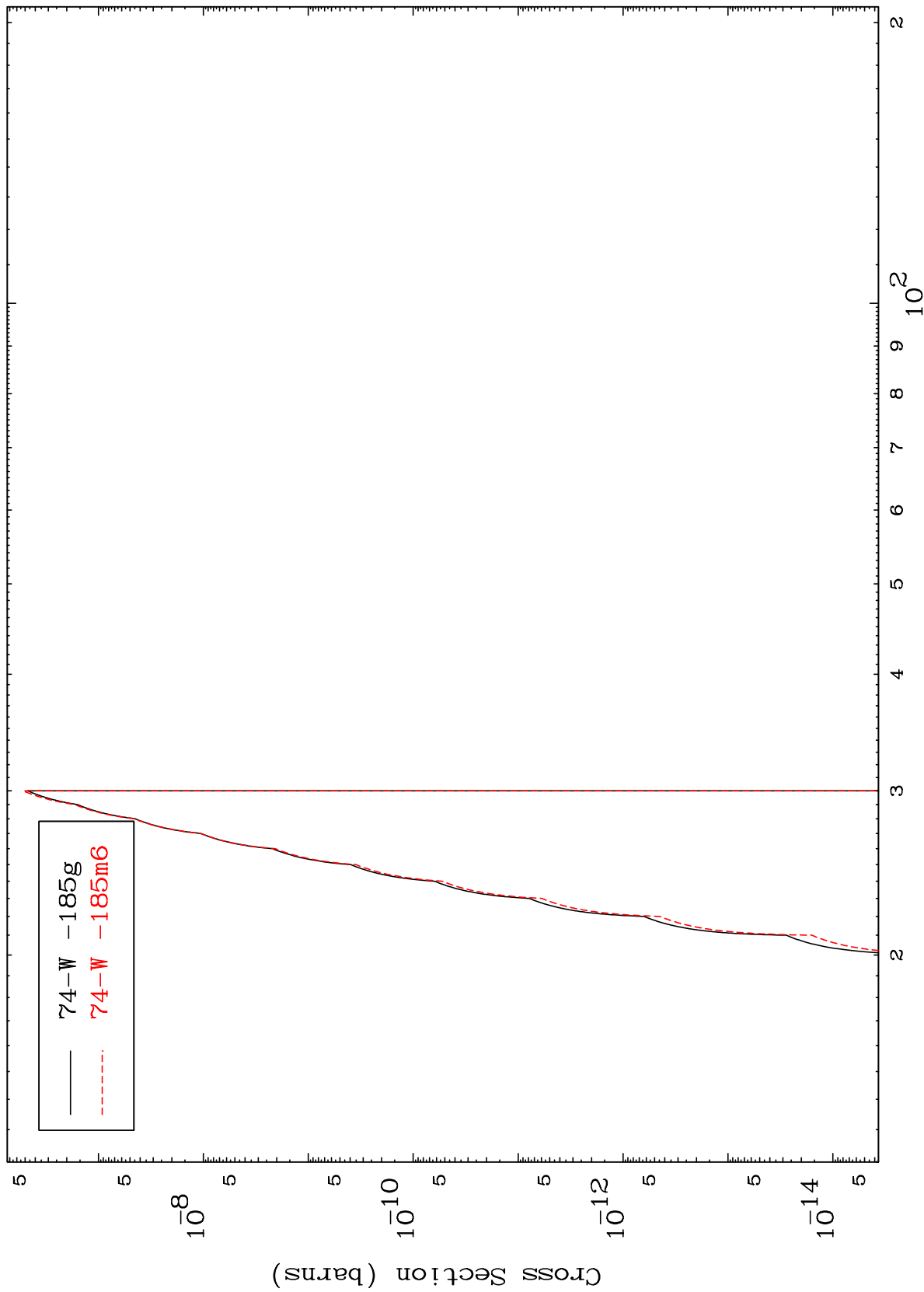


128

Incident Energy (MeV)

76-Os-187

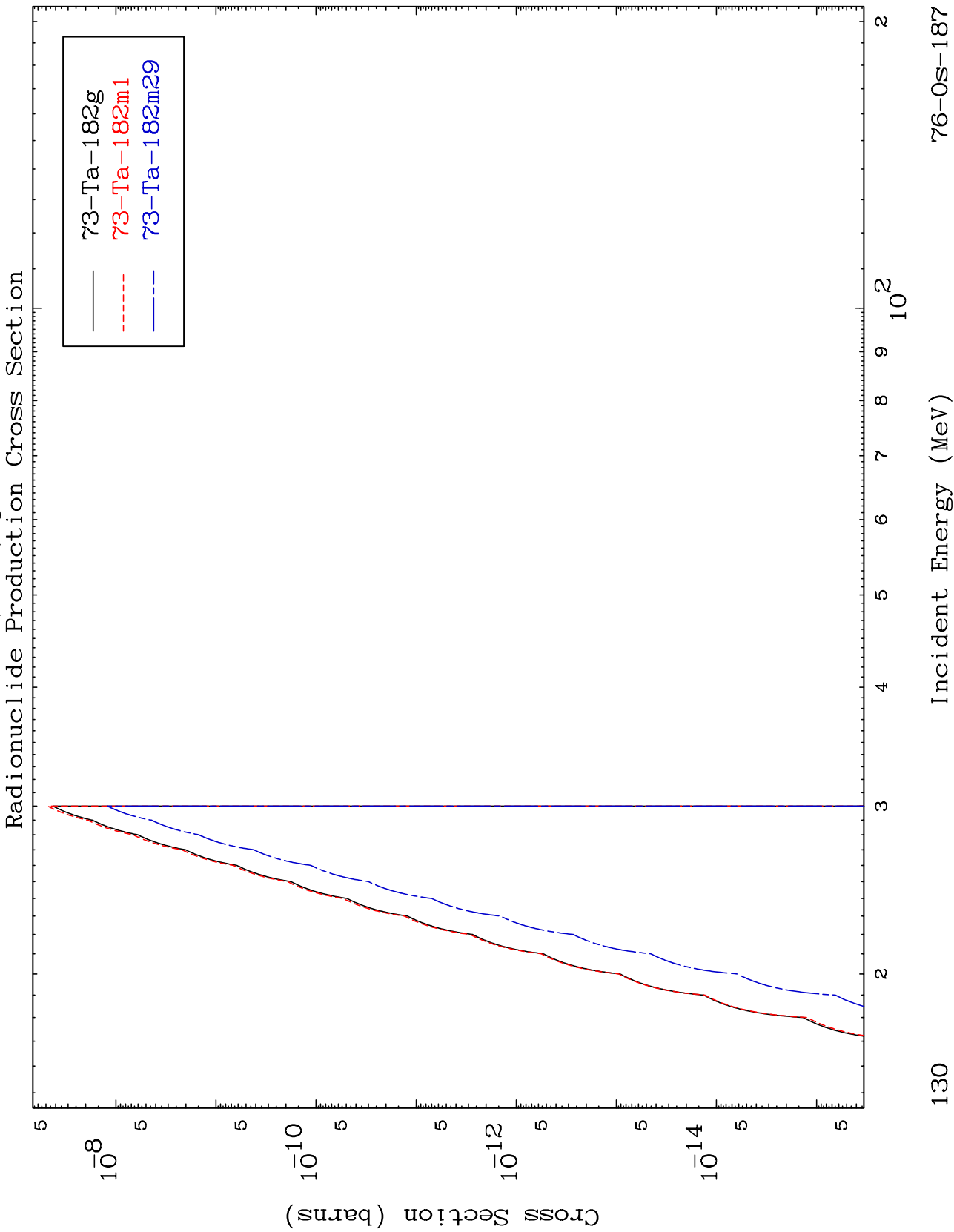
Radionuclide Production Cross Section



MAT 7634

(n,n') p  $\alpha$

76-Os-187



130

Incident Energy (MeV)

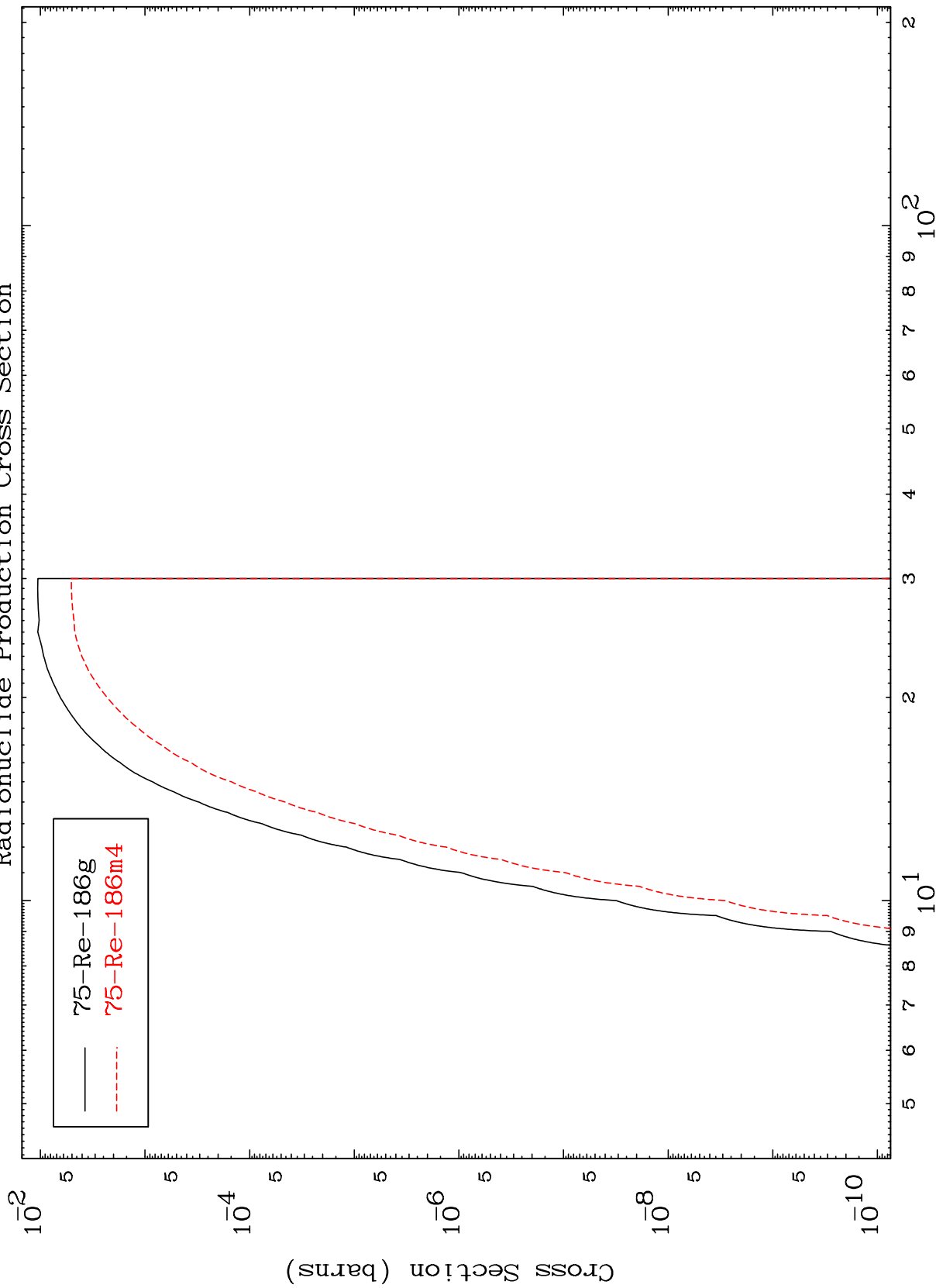
76-Os-187

MAT 7634

(n,d)

76-Os-187

Radionuclide Production Cross Section



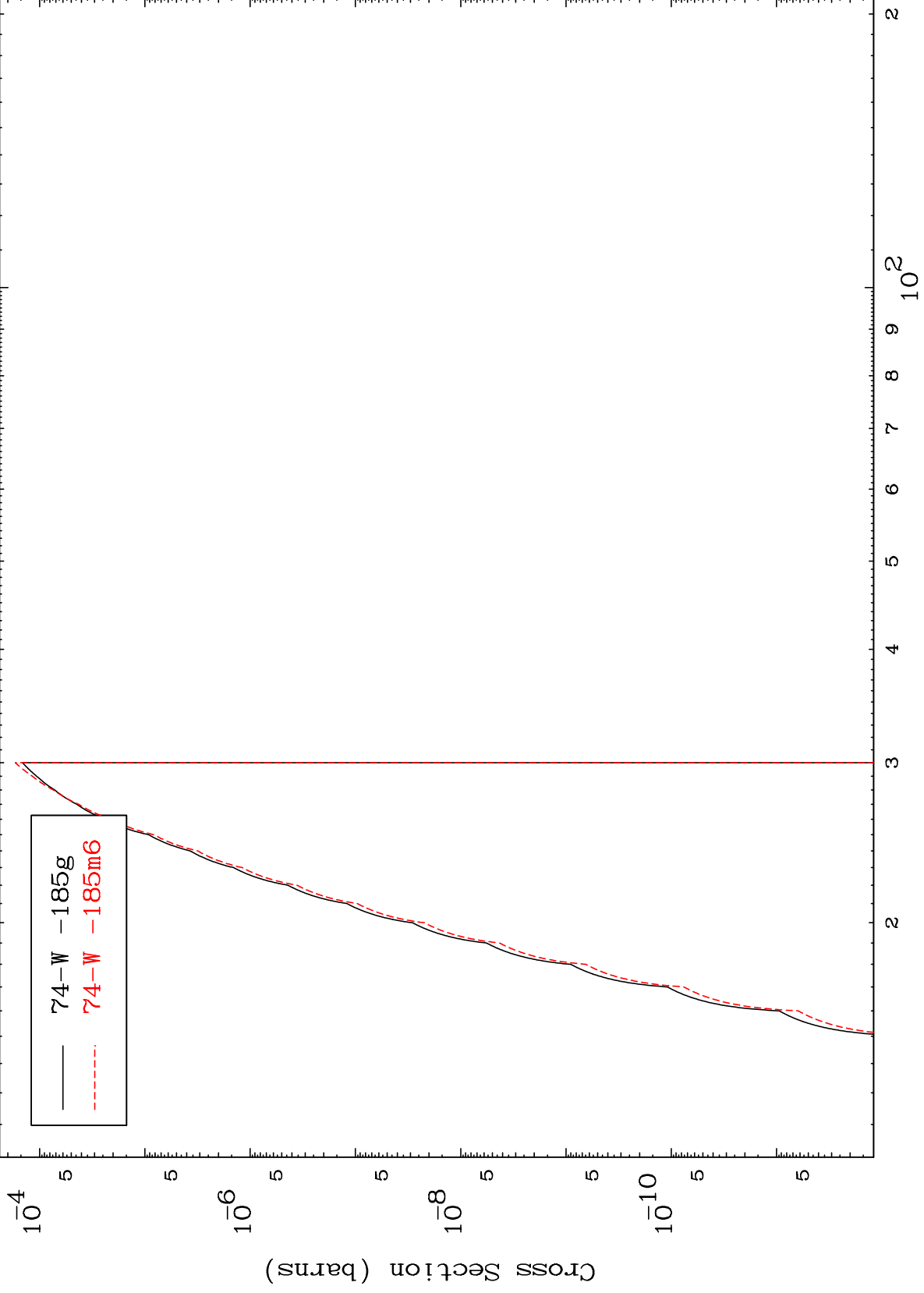
75-Re-186g  
75-Re-186m4

Incident Energy (MeV)

76-Os-187

131

Radionuclide Production Cross Section

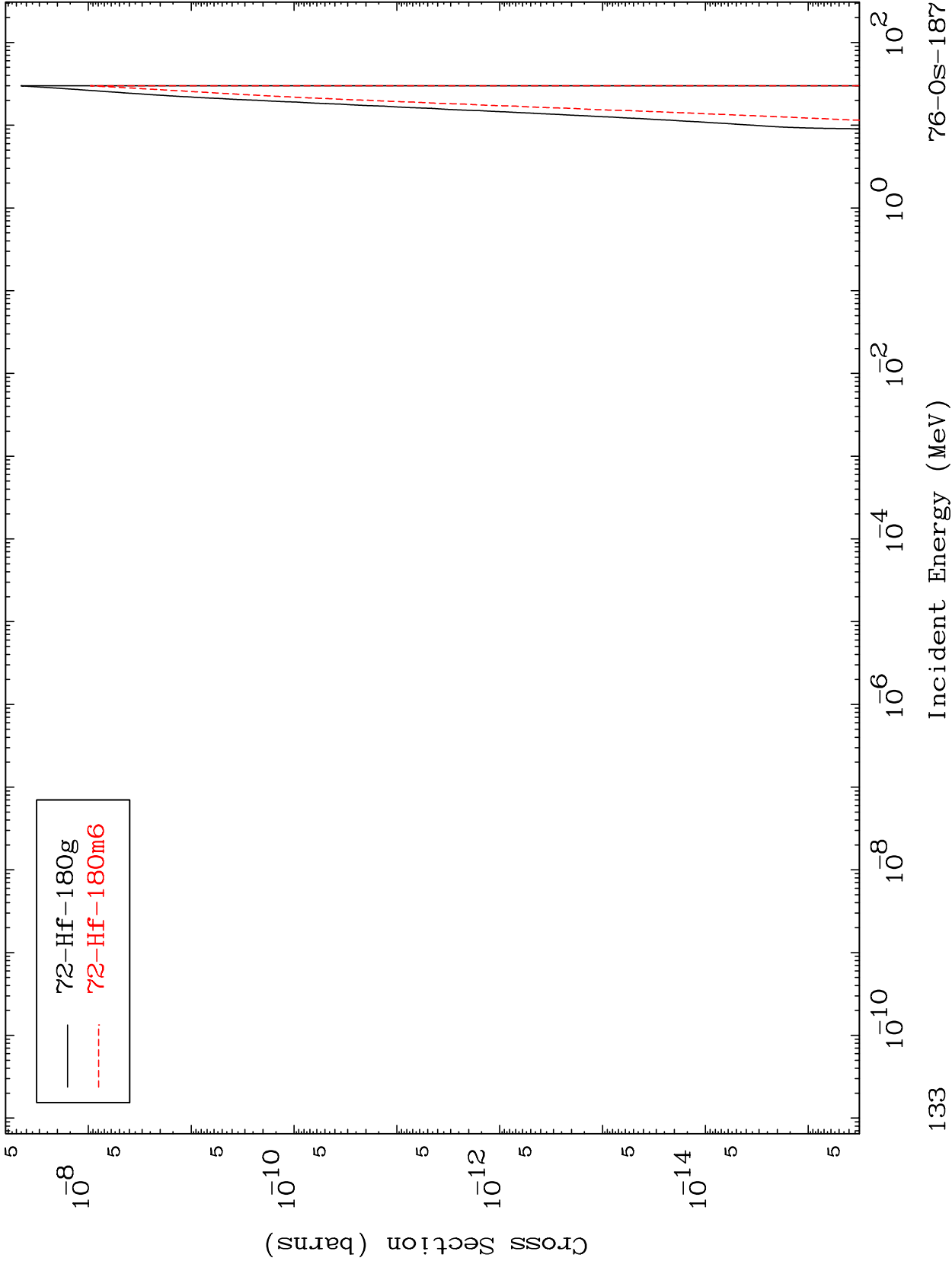


MAT 7634

(n,2α)

76-Os-187

Radionuclide Production Cross Section

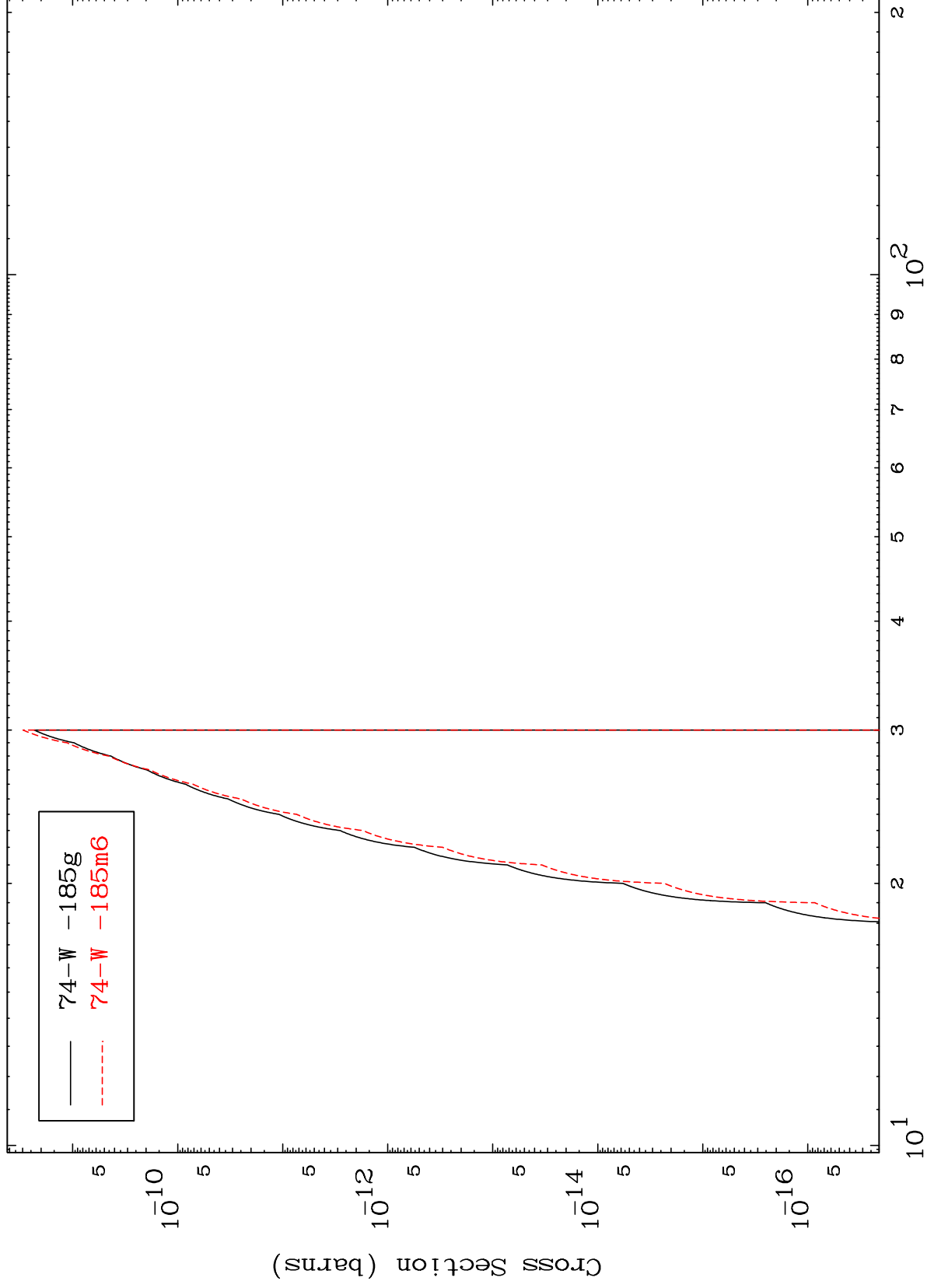


MAT 7634

(n,p) d

76-Os-187

Radionuclide Production Cross Section



134

Incident Energy (MeV)

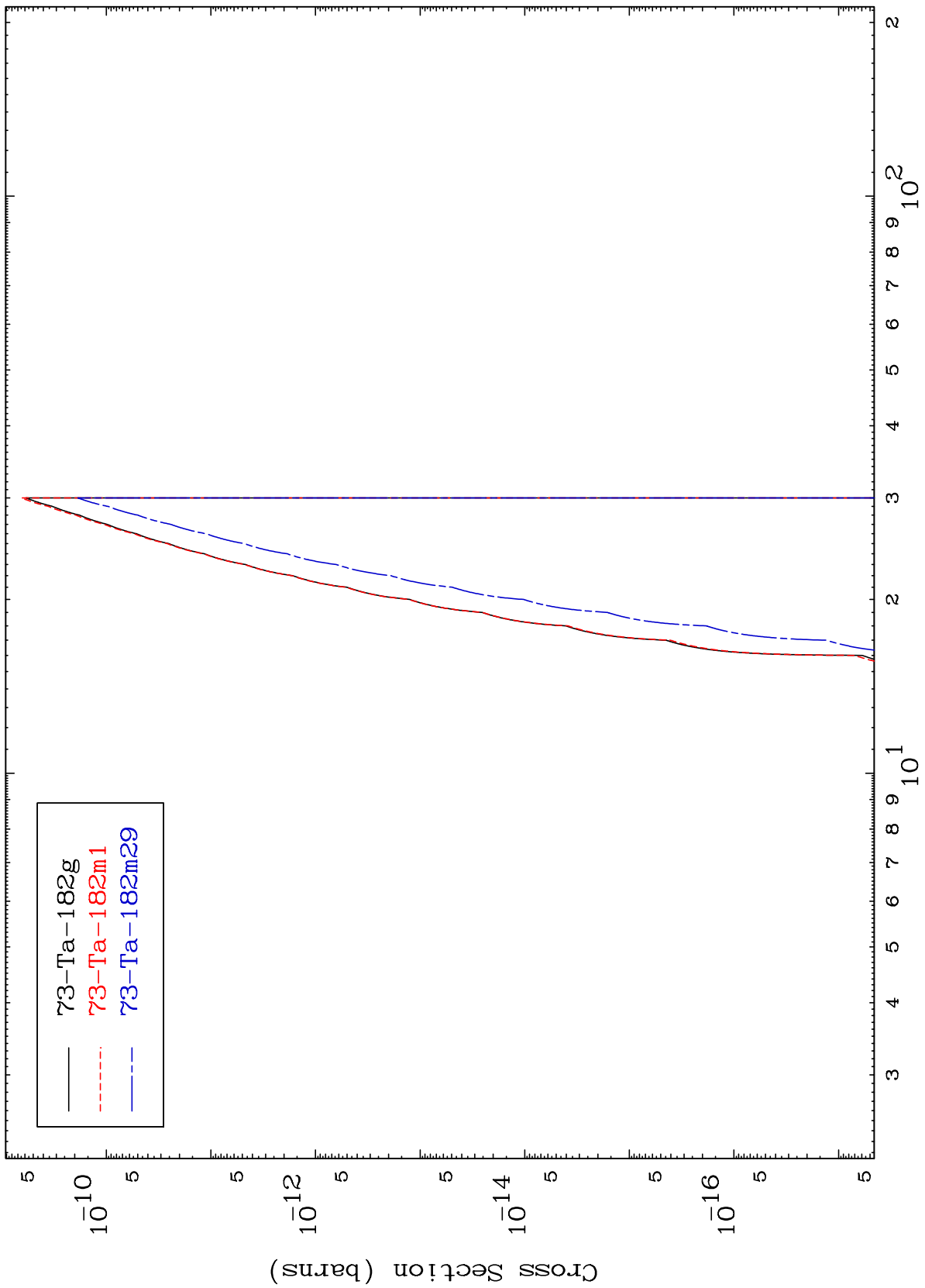
76-Os-187

MAT 7634

(n,d)  $\alpha$

76-Os-187

Radionuclide Production Cross Section



135

Incident Energy (MeV)

76-Os-187