

Program EVALPLOT
(Version 2021-1)

by

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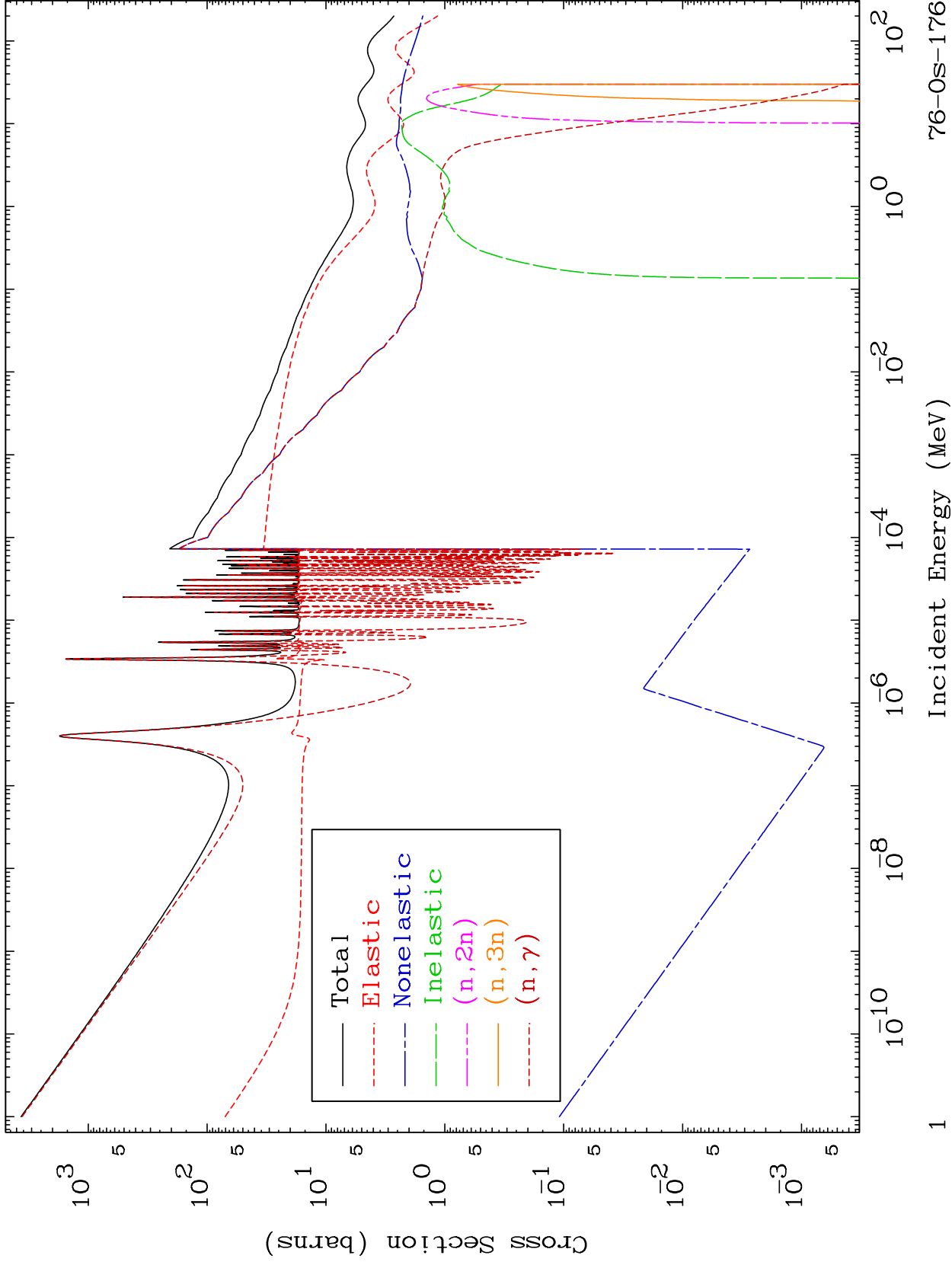
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7601

Neutron Major
293 Kelvin Cross Sections

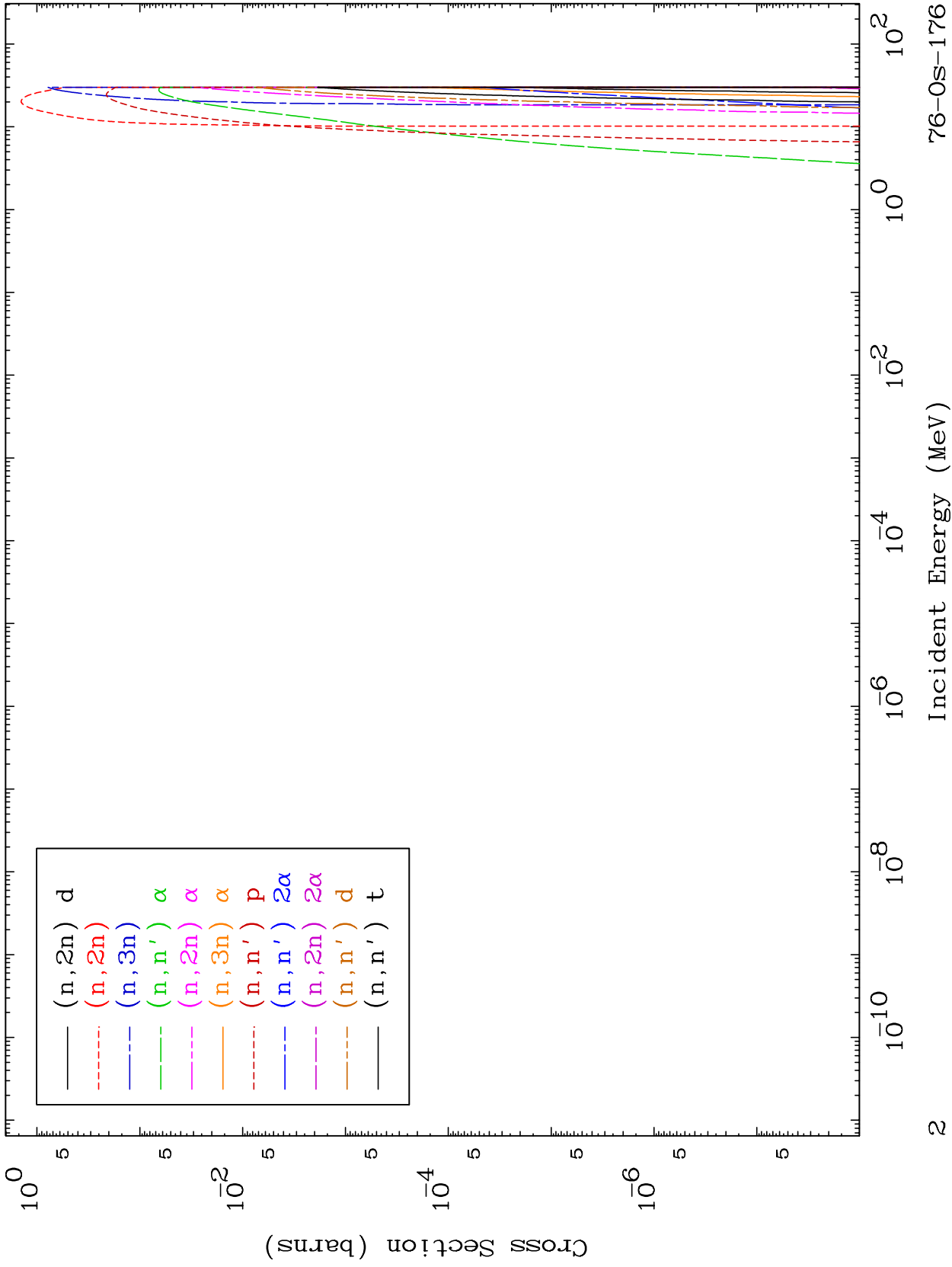
76-Os-176



MAT 7601

Neutron Absorption
293 Kelvin Cross Sections

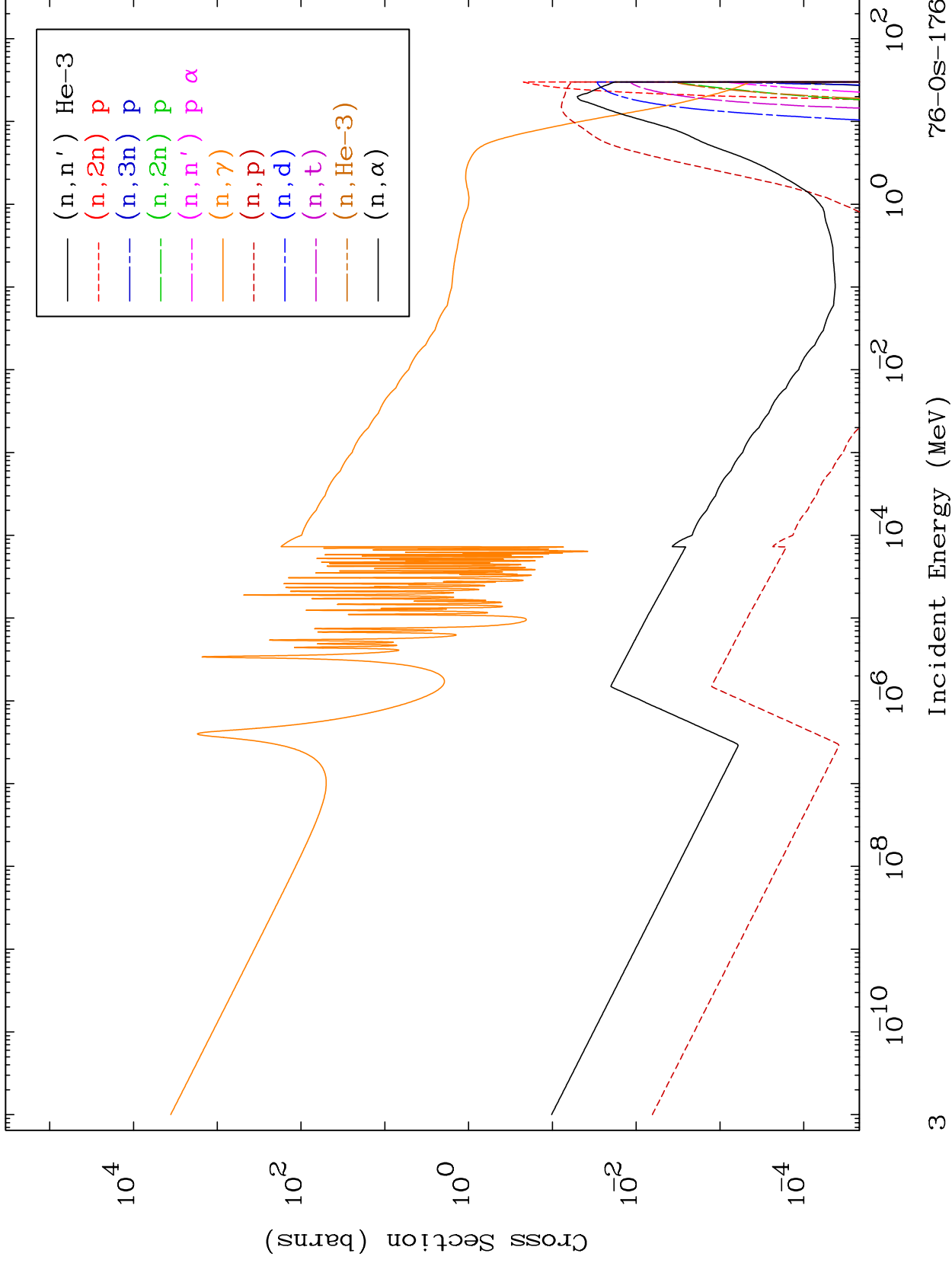
76-Os-176



MAT 7601

Neutron Absorption
293 Kelvin Cross Sections

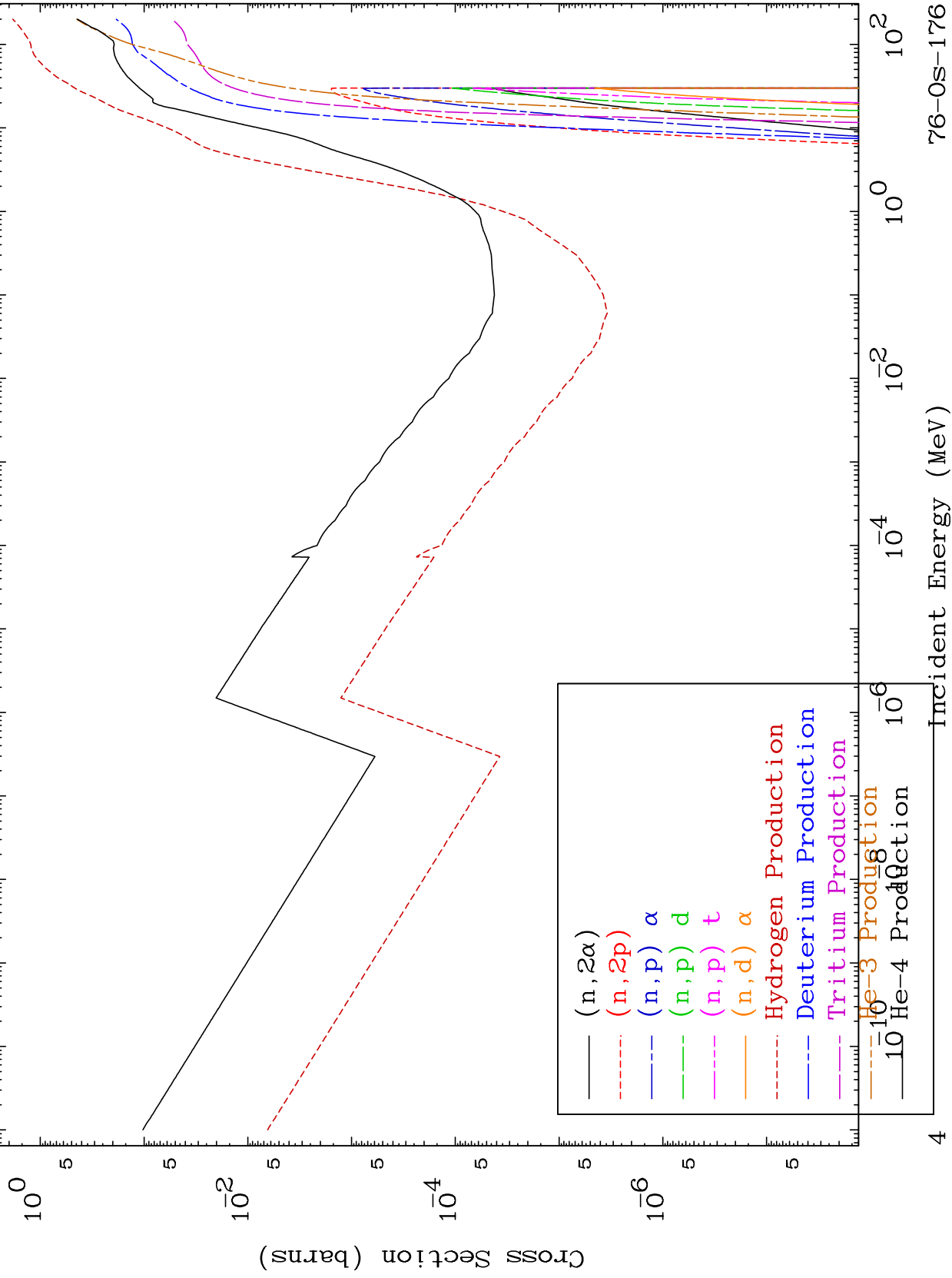
76-Os-176



MAT 7601

Neutron Absorption
293 Kelvin Cross Sections

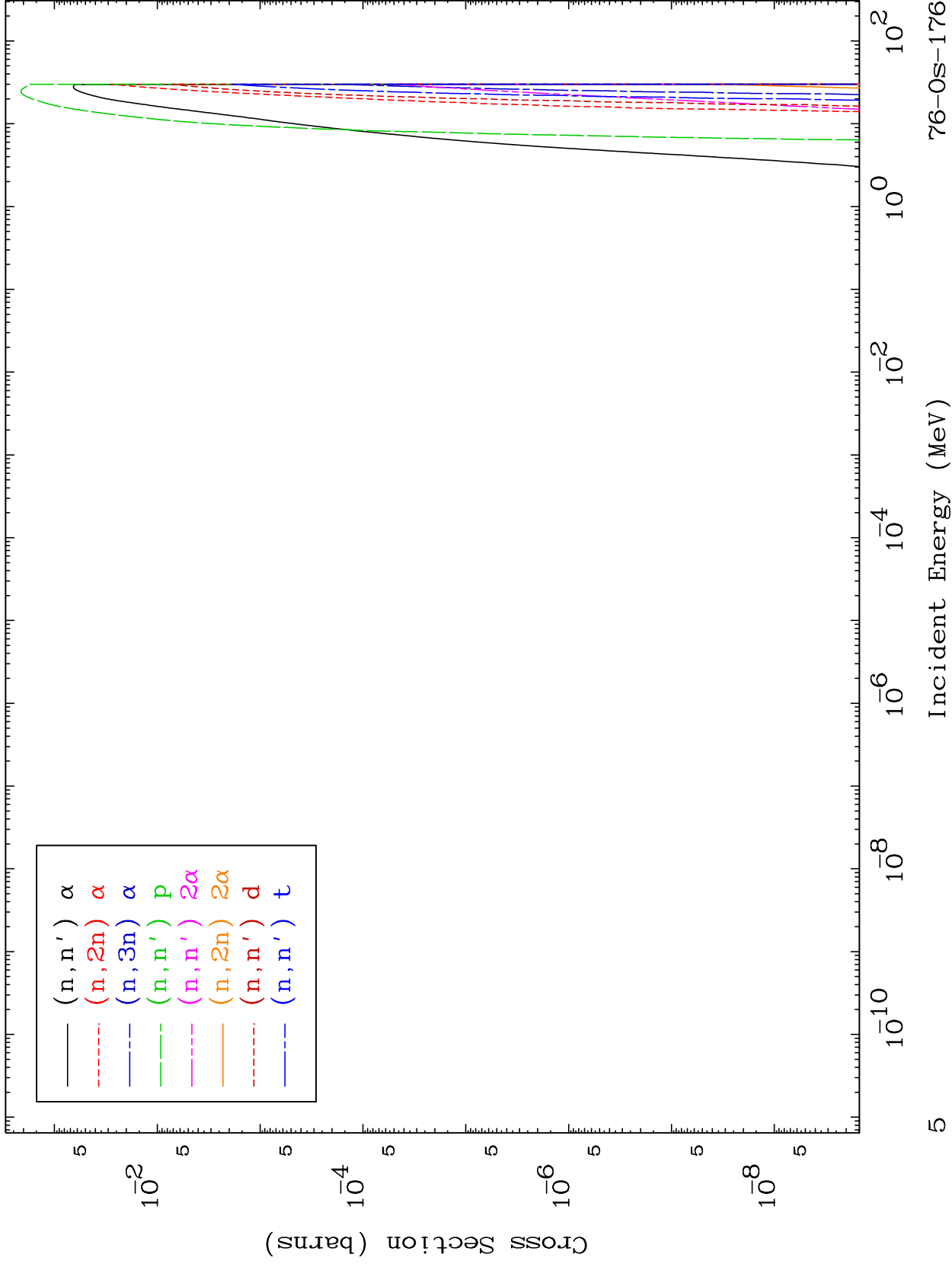
76-Os-176



MAT 7601

Charged Particle
293 Kelvin Cross Sections

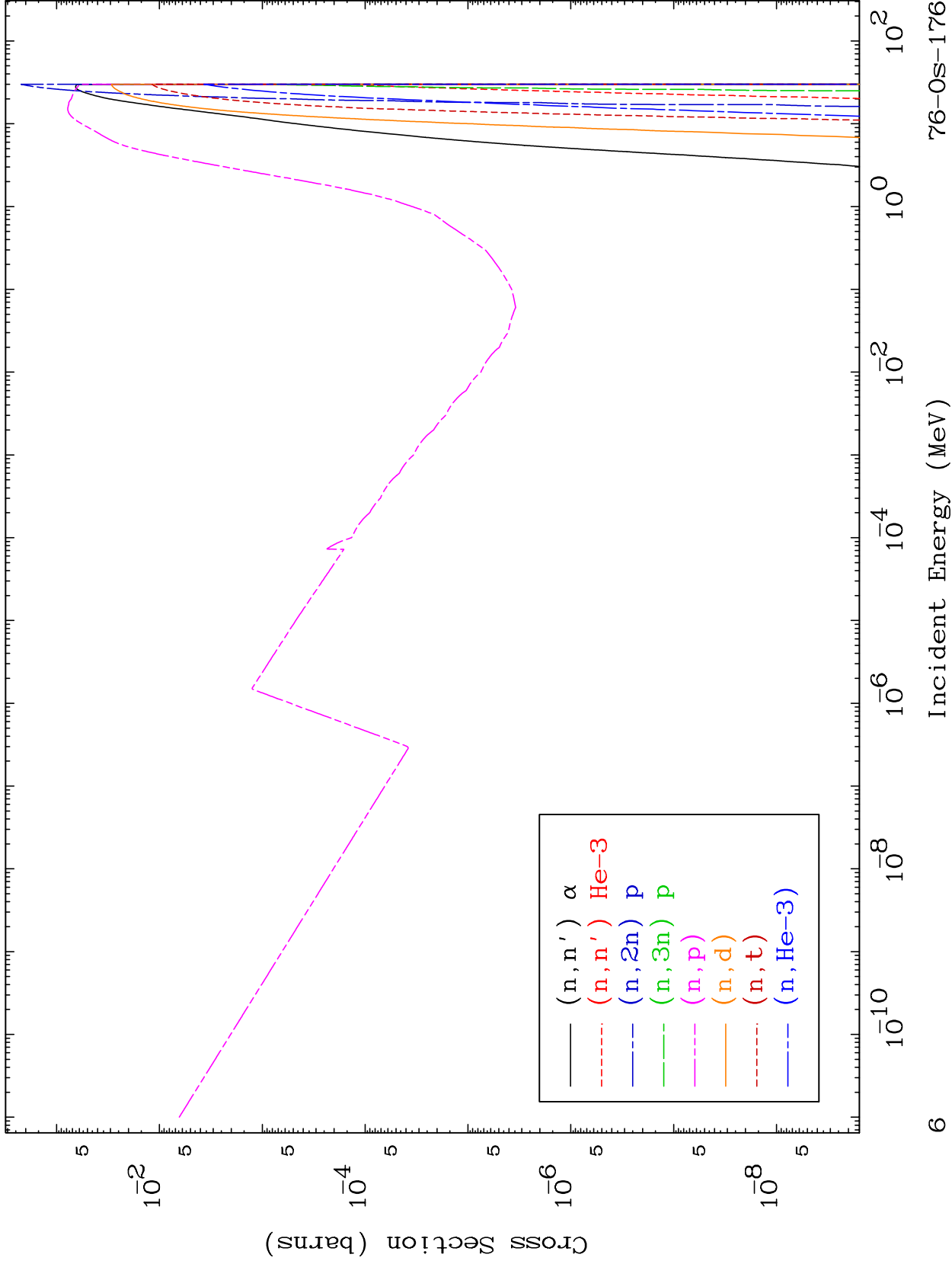
76-Os-176



MAT 7601

Charged Particle
293 Kelvin Cross Sections

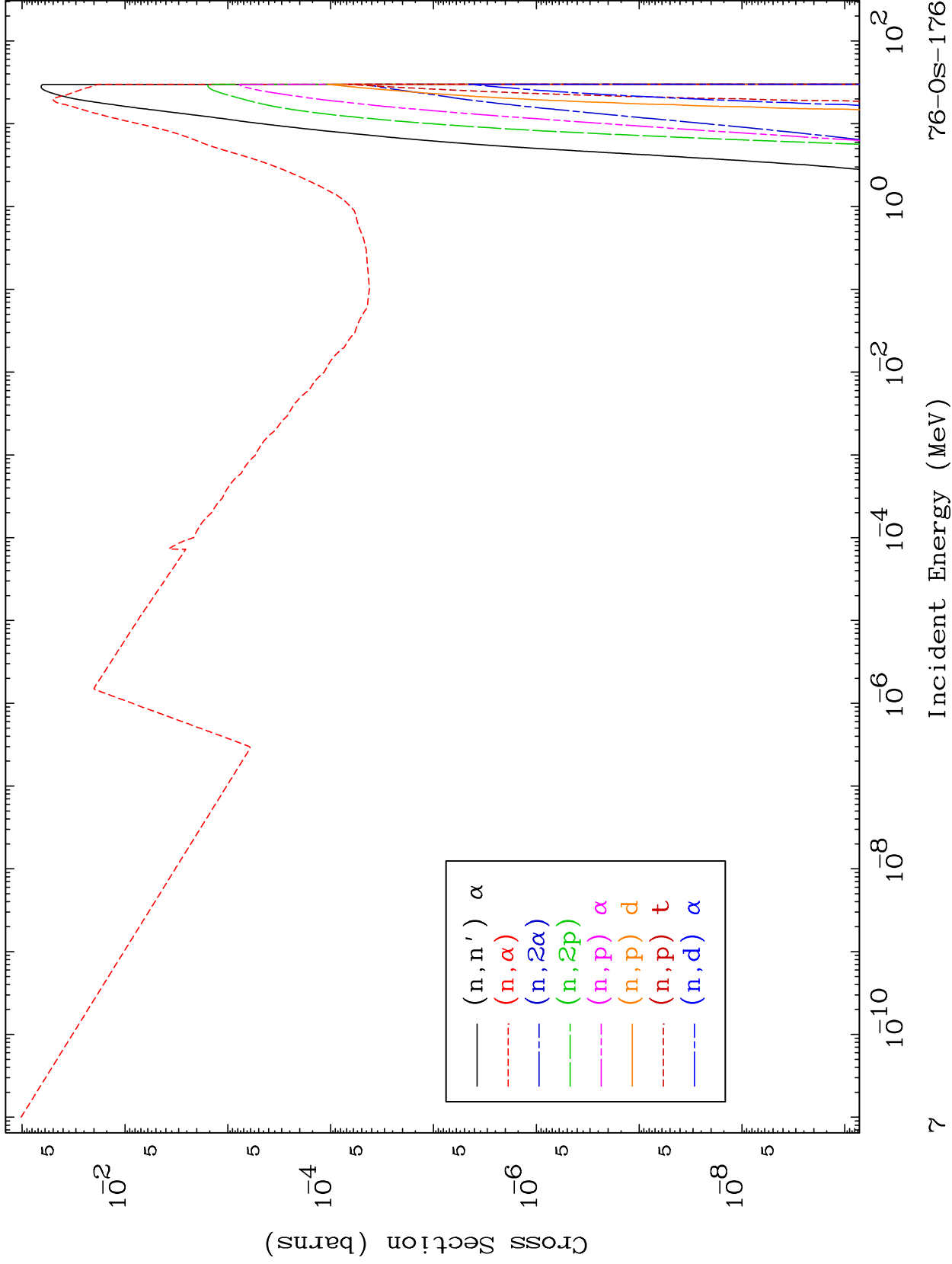
76-Os-176



MAT 7601

Charged Particle
293 Kelvin Cross Sections

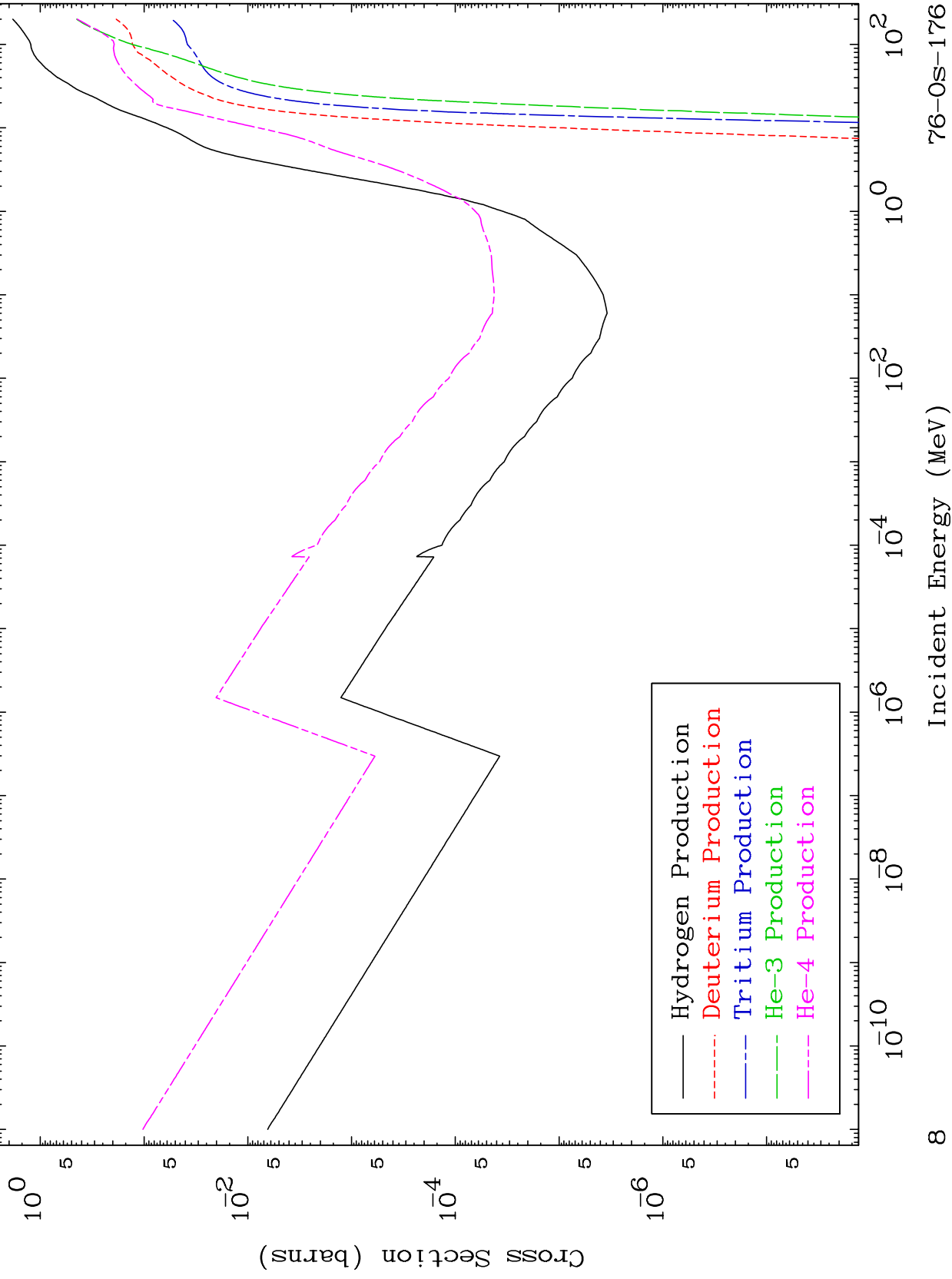
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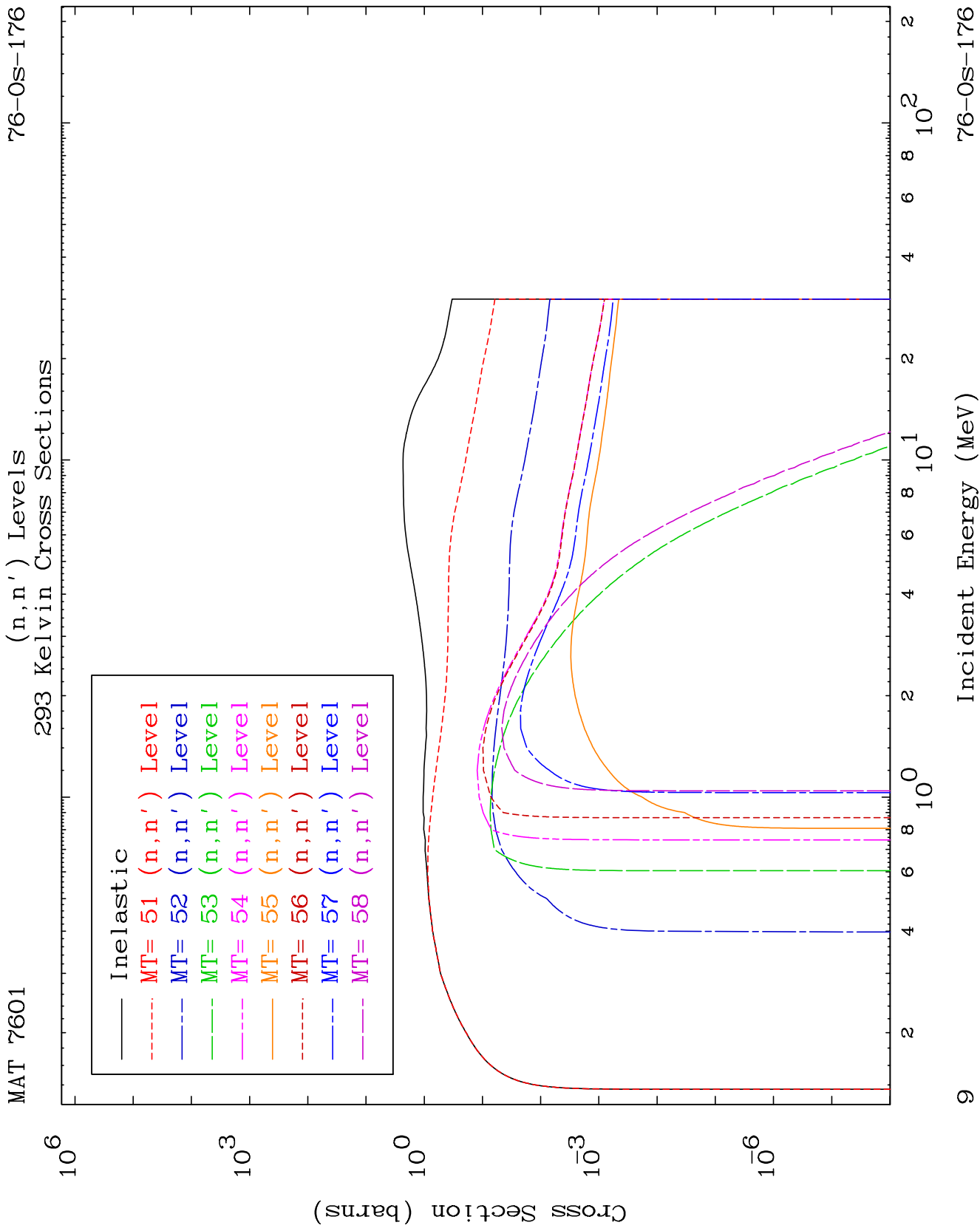


MAT 7601

Particle Production
293 Kelvin Cross Sections

76-Os-176

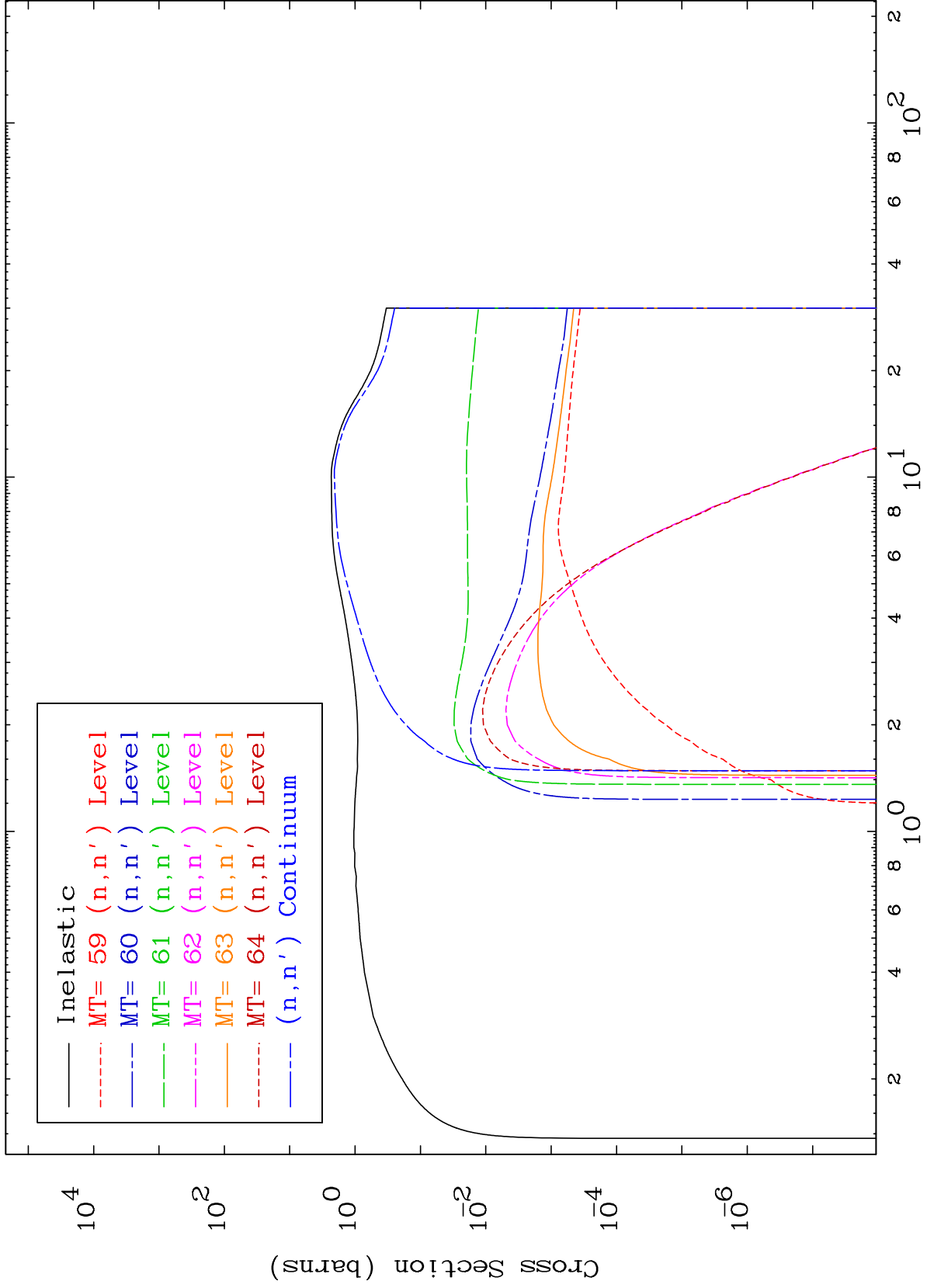




MAT 7601

293 Kelvin Cross Sections
(n,n') Levels

76-Os-176



10

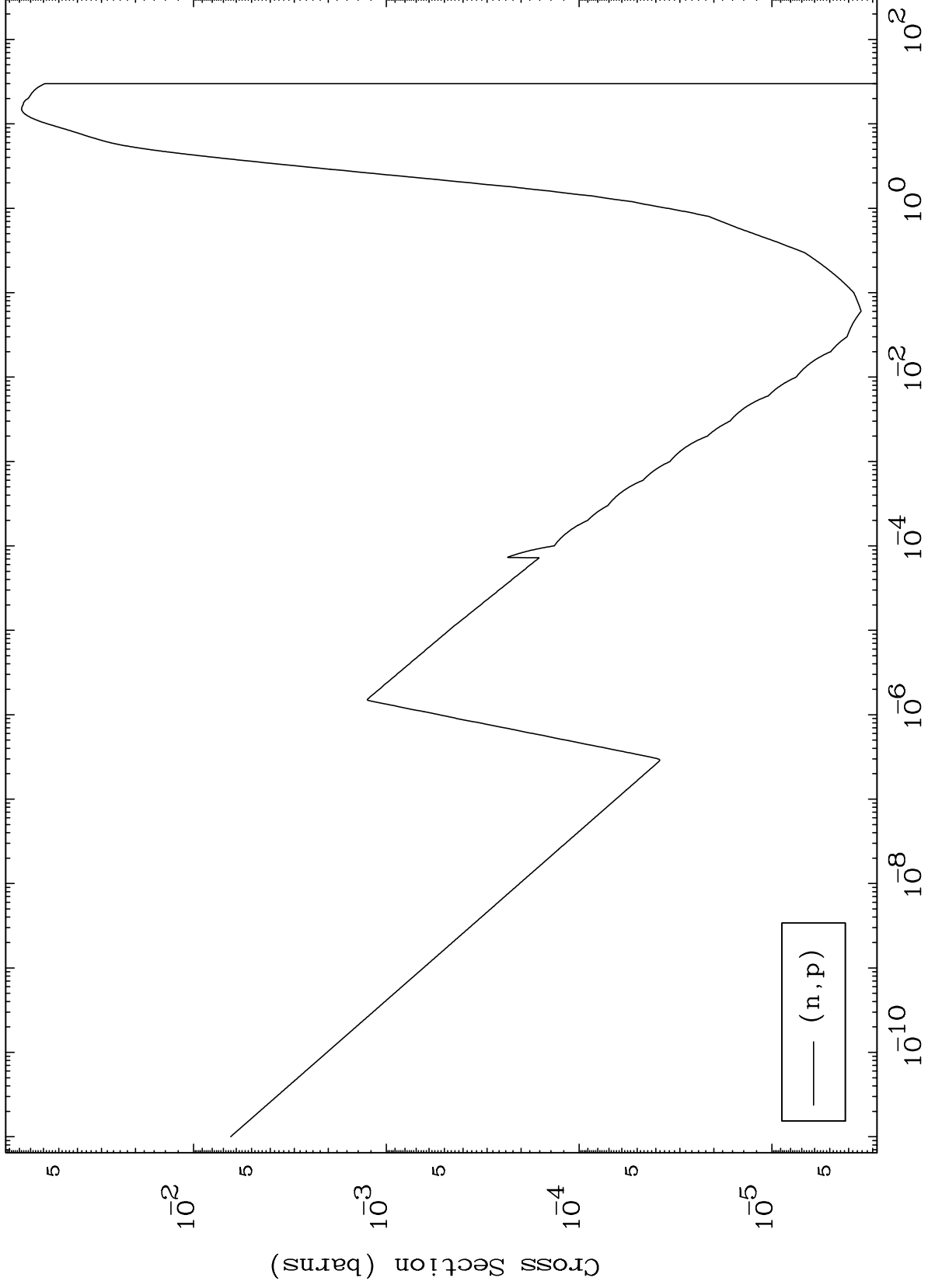
Incident Energy (MeV)

76-Os-176

MAT 7601

(n,p) Levels
293 Kelvin Cross Sections

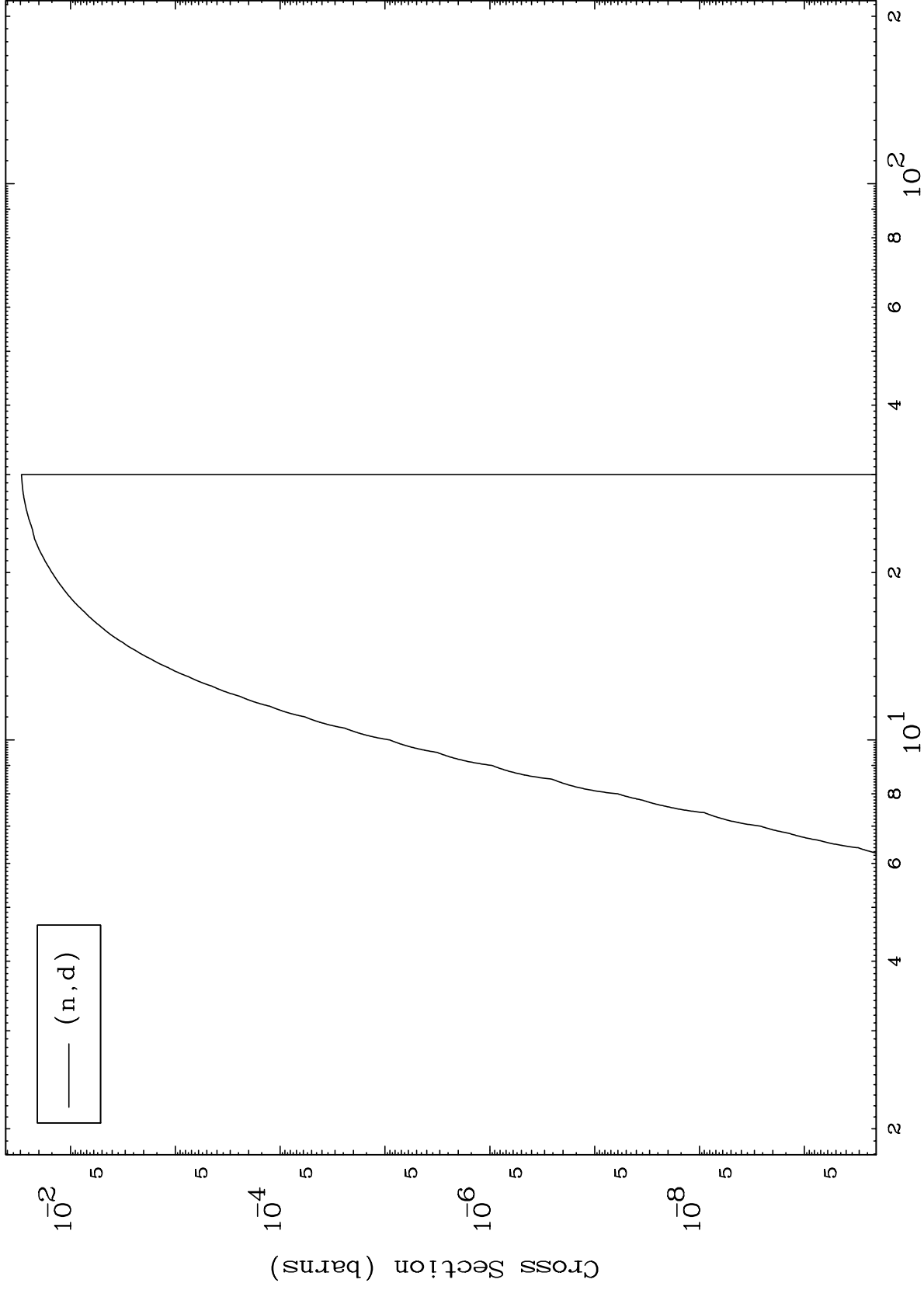
76-Os-176



MAT 7601

(n,d) Levels
293 Kelvin Cross Sections

76-Os-176



12

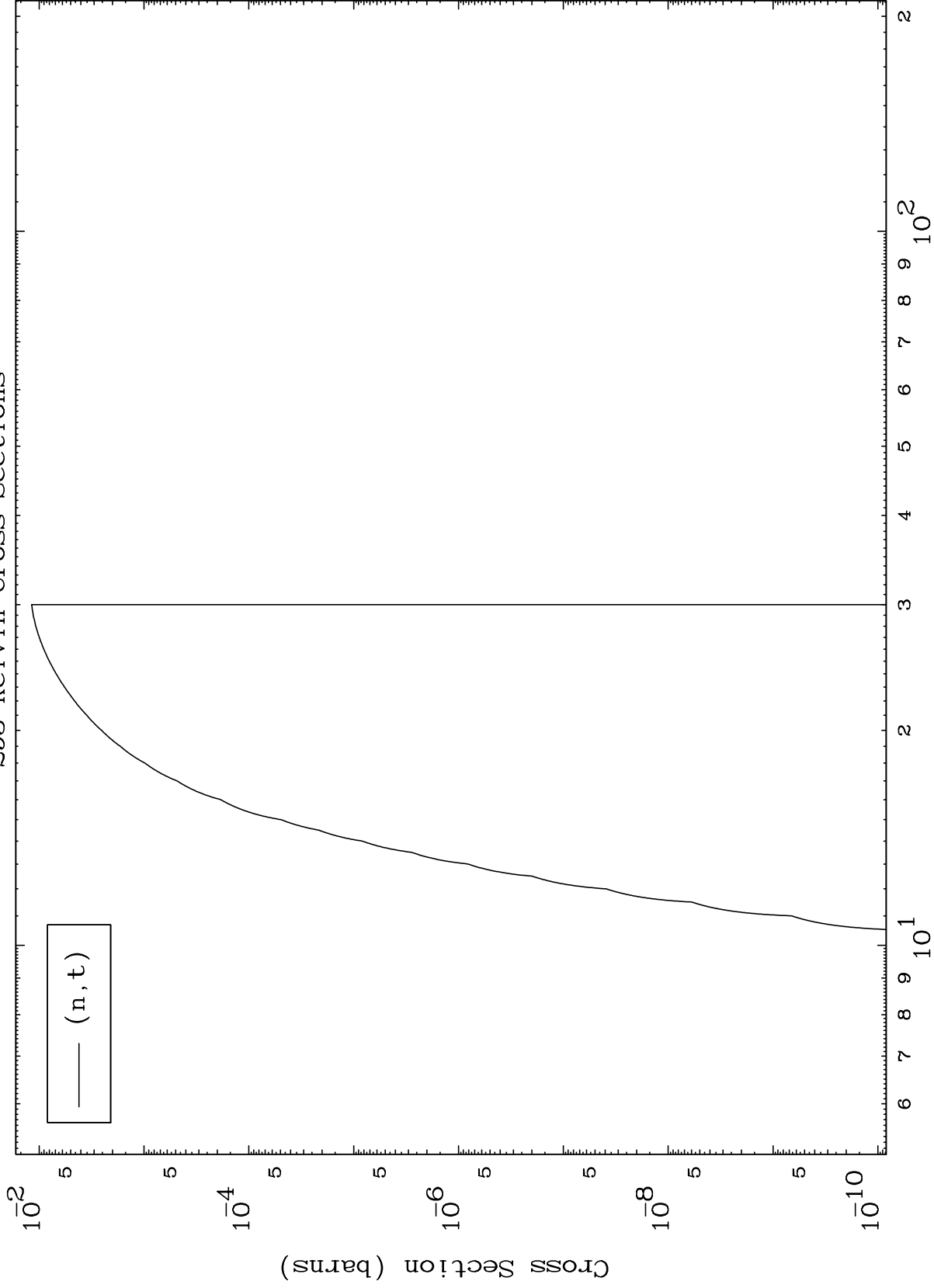
Incident Energy (MeV)

76-Os-176

MAT 7601

(n,t) Levels
293 Kelvin Cross Sections

76-Os-176



13

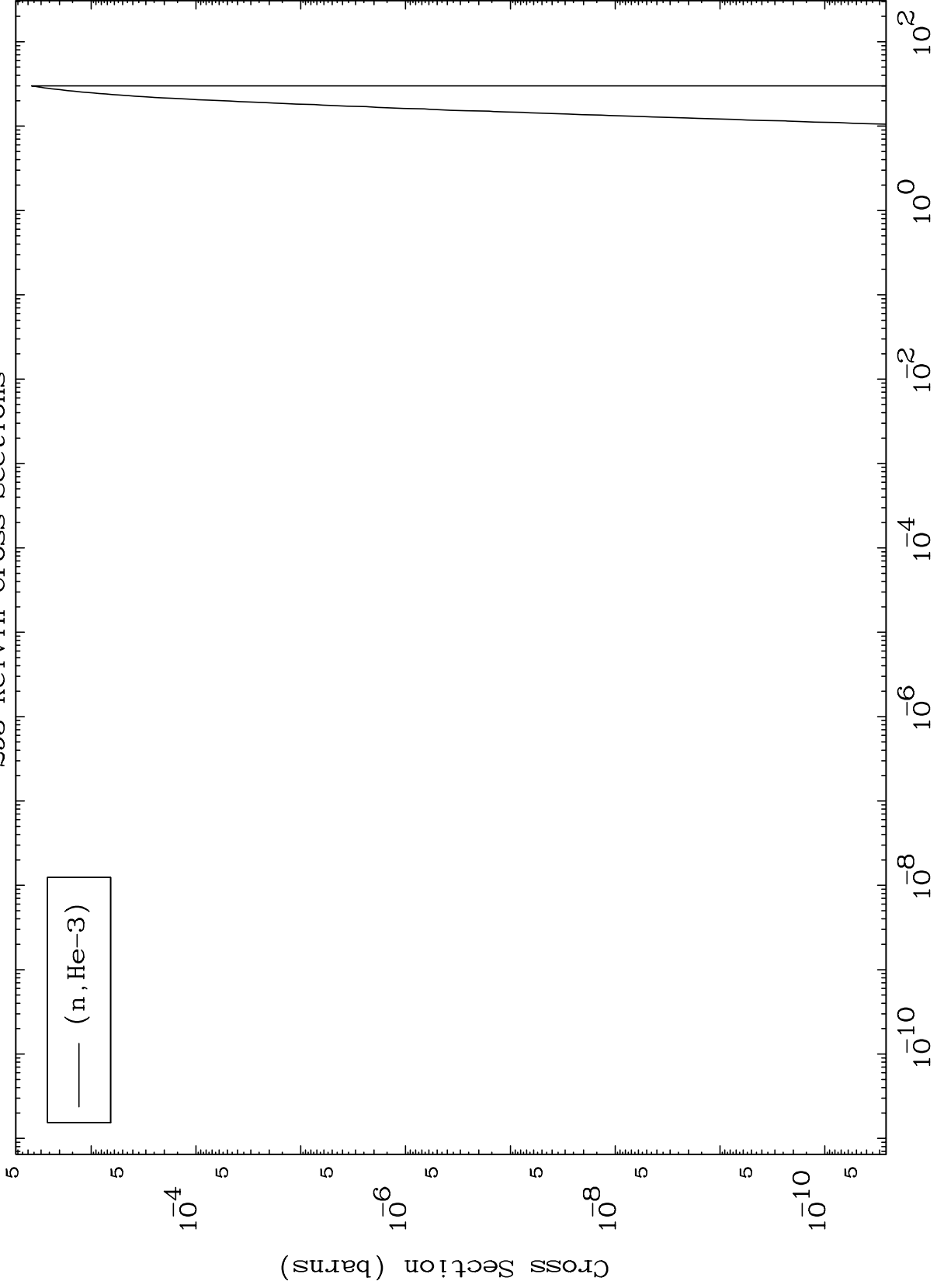
Incident Energy (MeV)

76-Os-176

MAT 7601

(n,He3) Levels
293 Kelvin Cross Sections

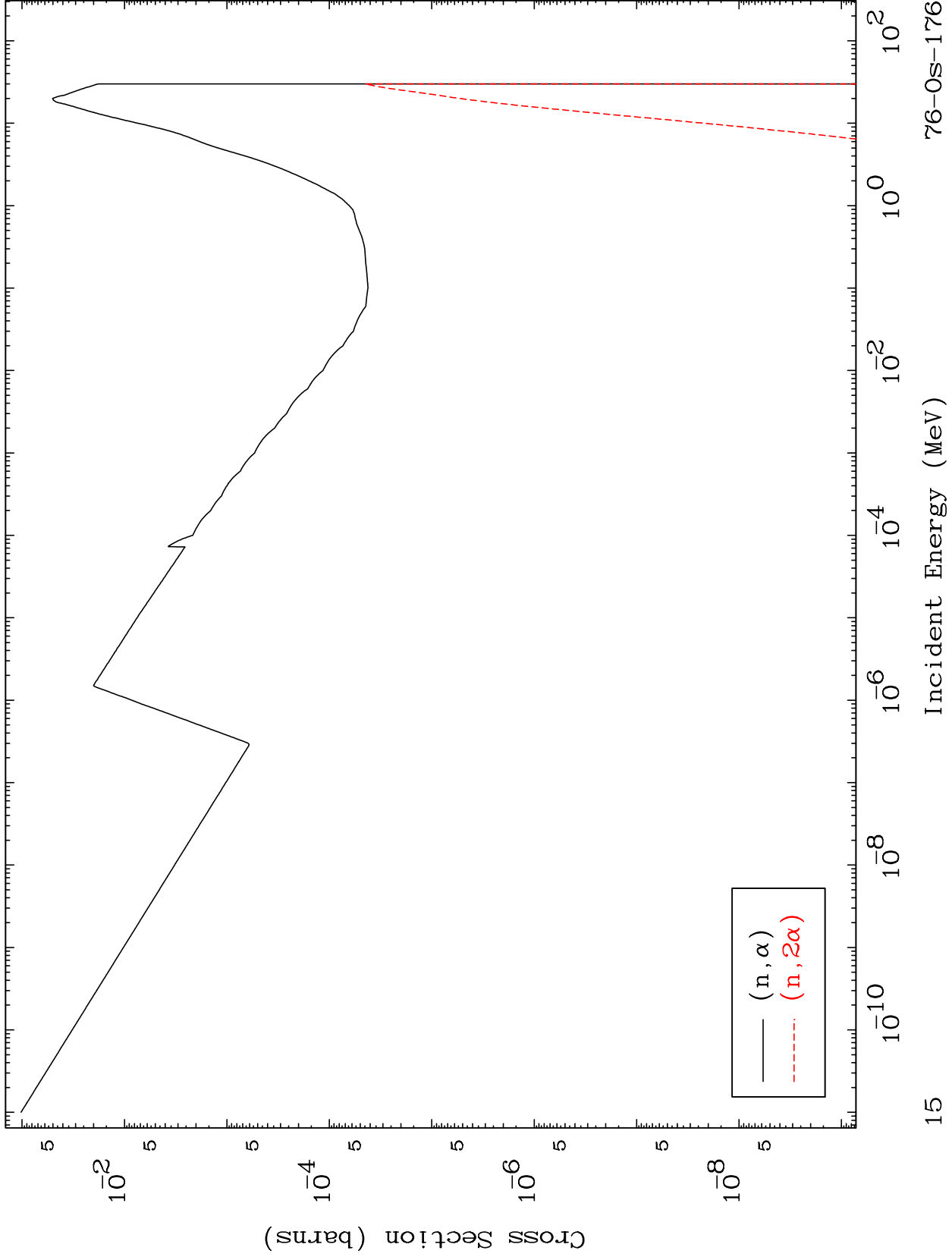
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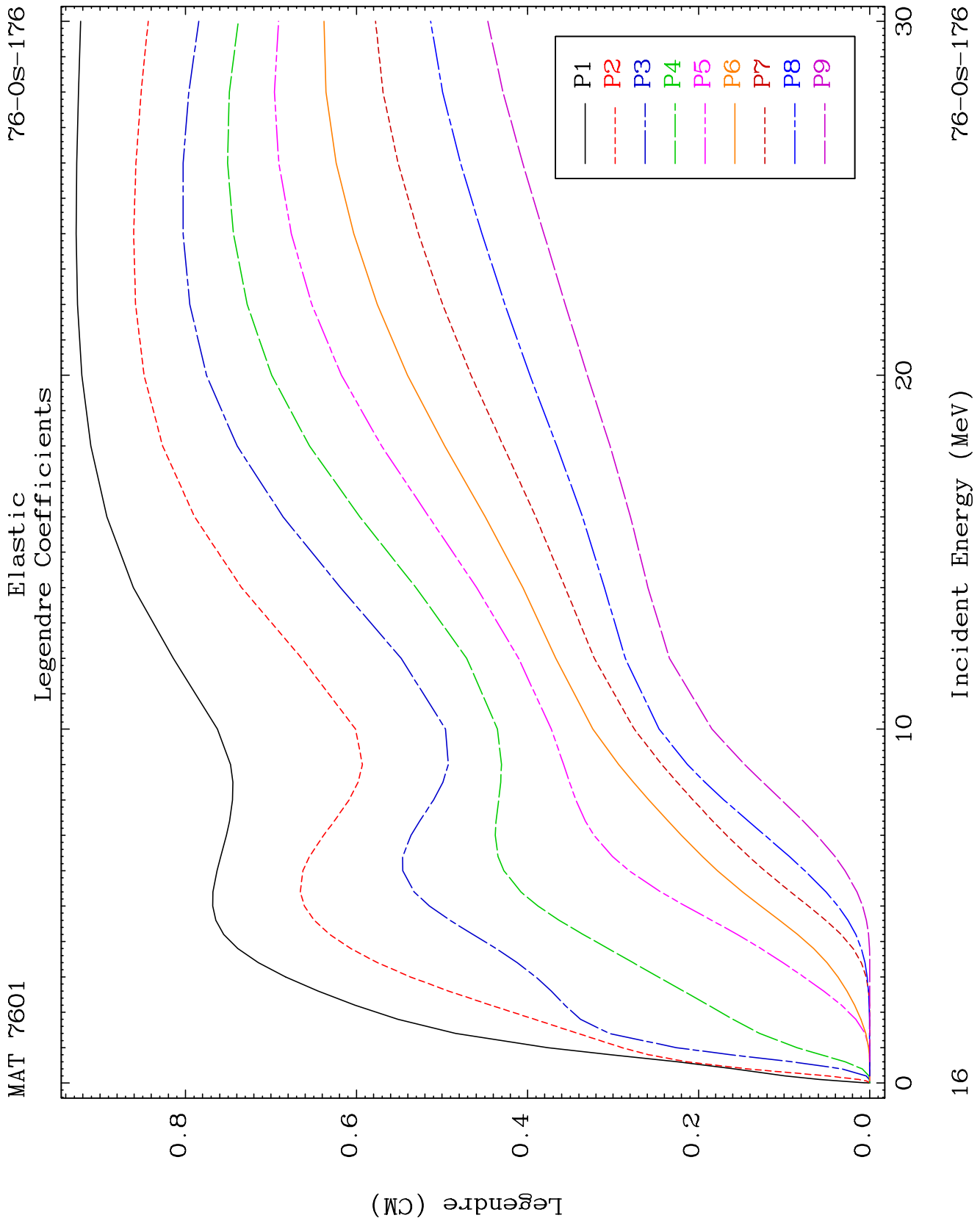


MAT 7601

(n,α) Levels
293 Kelvin Cross Sections

76-Os-176

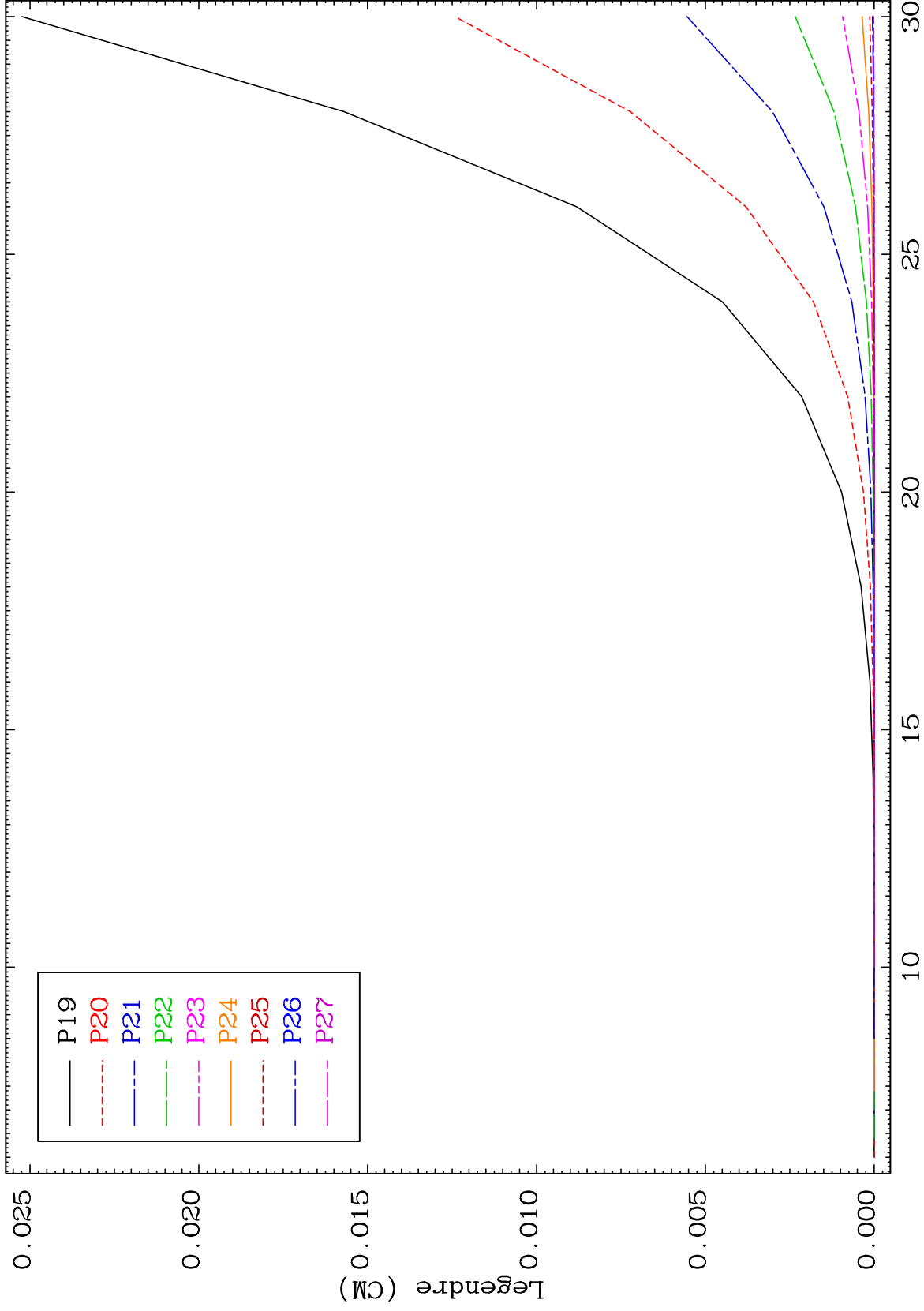




MAT 7601

Elastic
Legendre Coefficients

76-Os-176



18

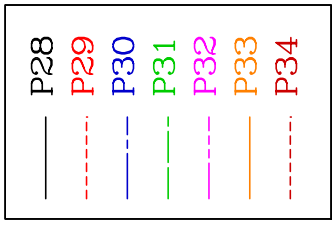
Incident Energy (MeV)

76-Os-176

MAT 7601

Elastic
Legendre Coefficients

76-Os-176



$\times 10^{-6}$

Legendre (CM)

10

15

20

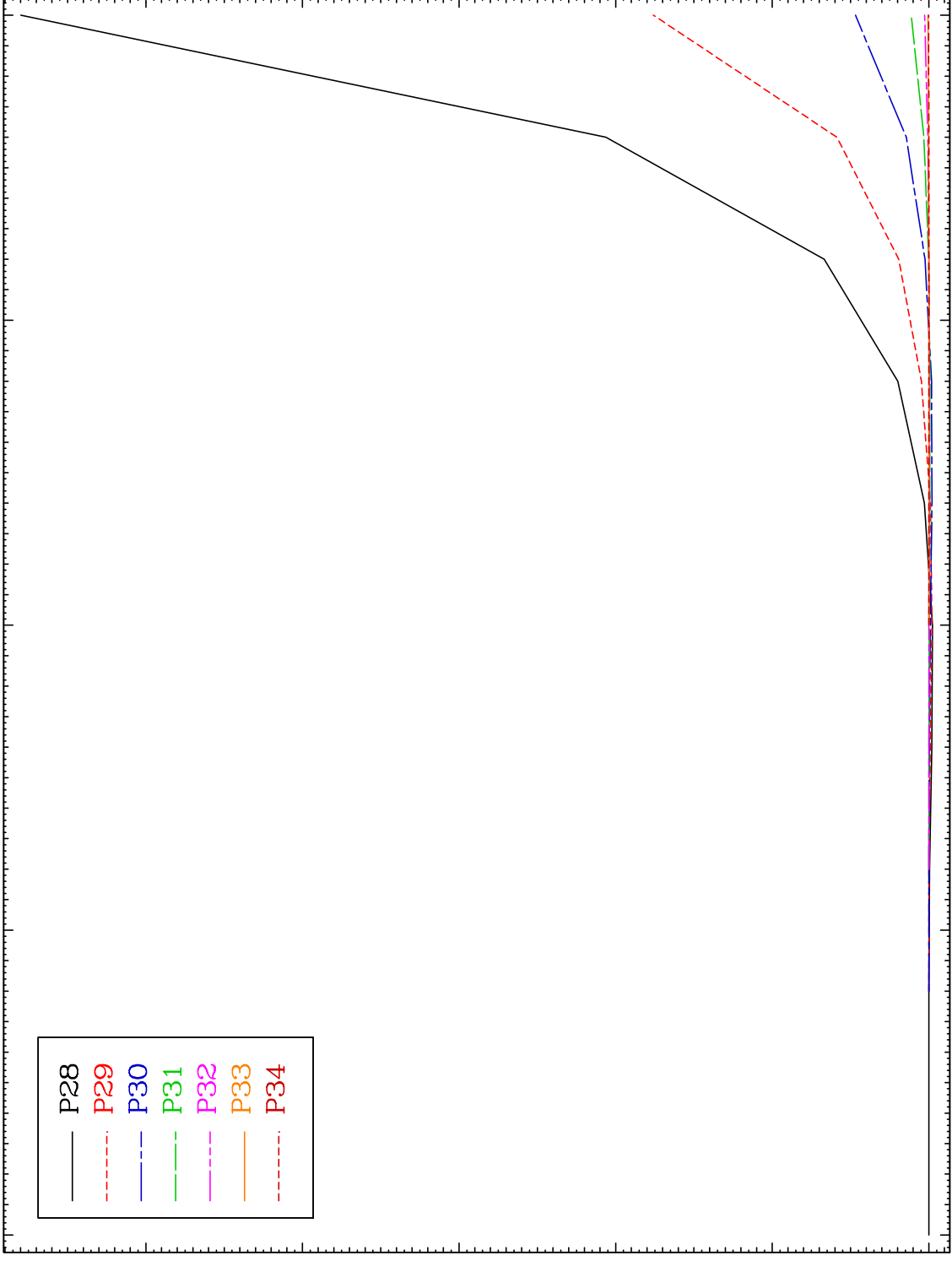
25

30

19

Incident Energy (MeV)

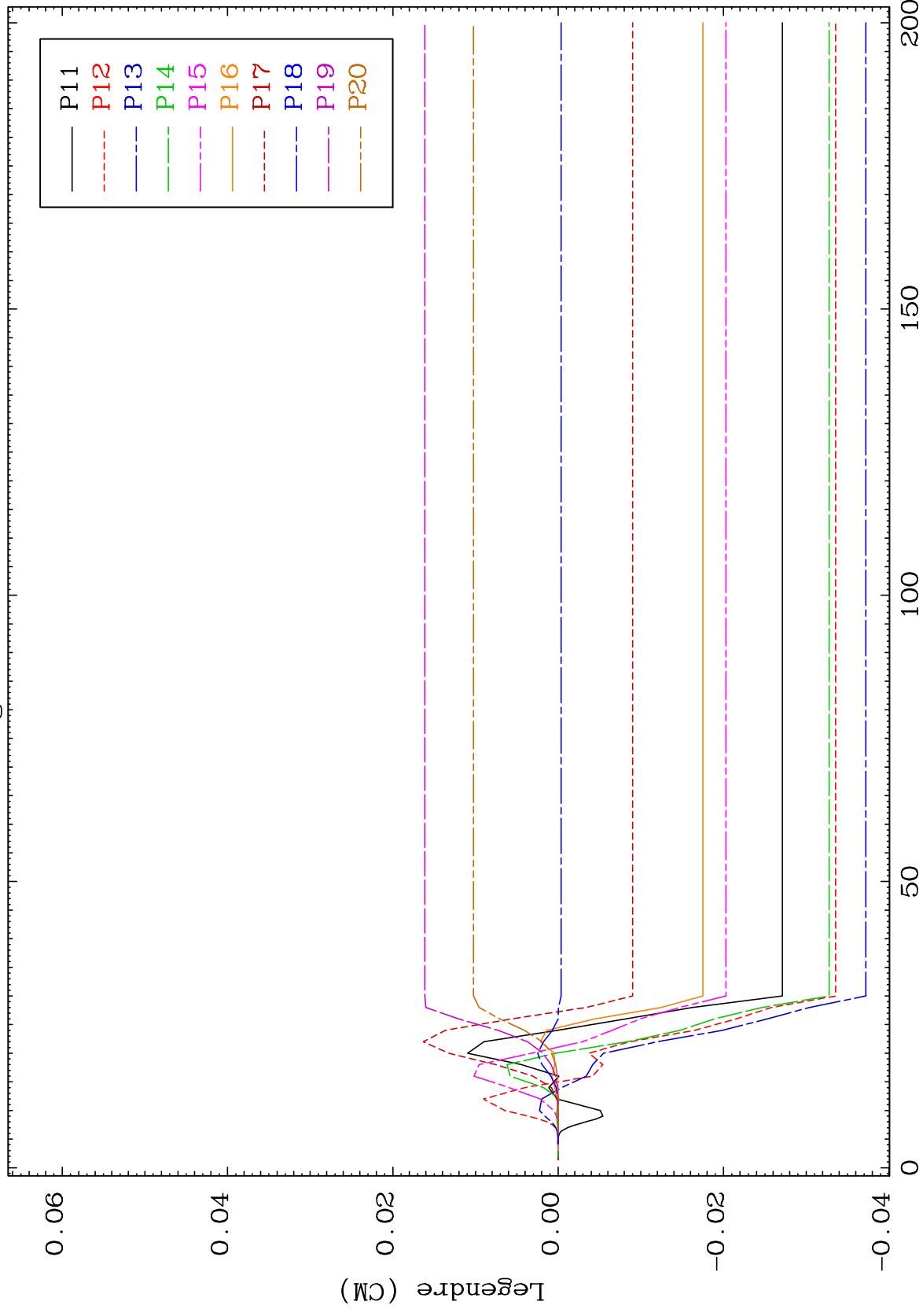
76-Os-176



MAT 7601

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

76-Os-176



21

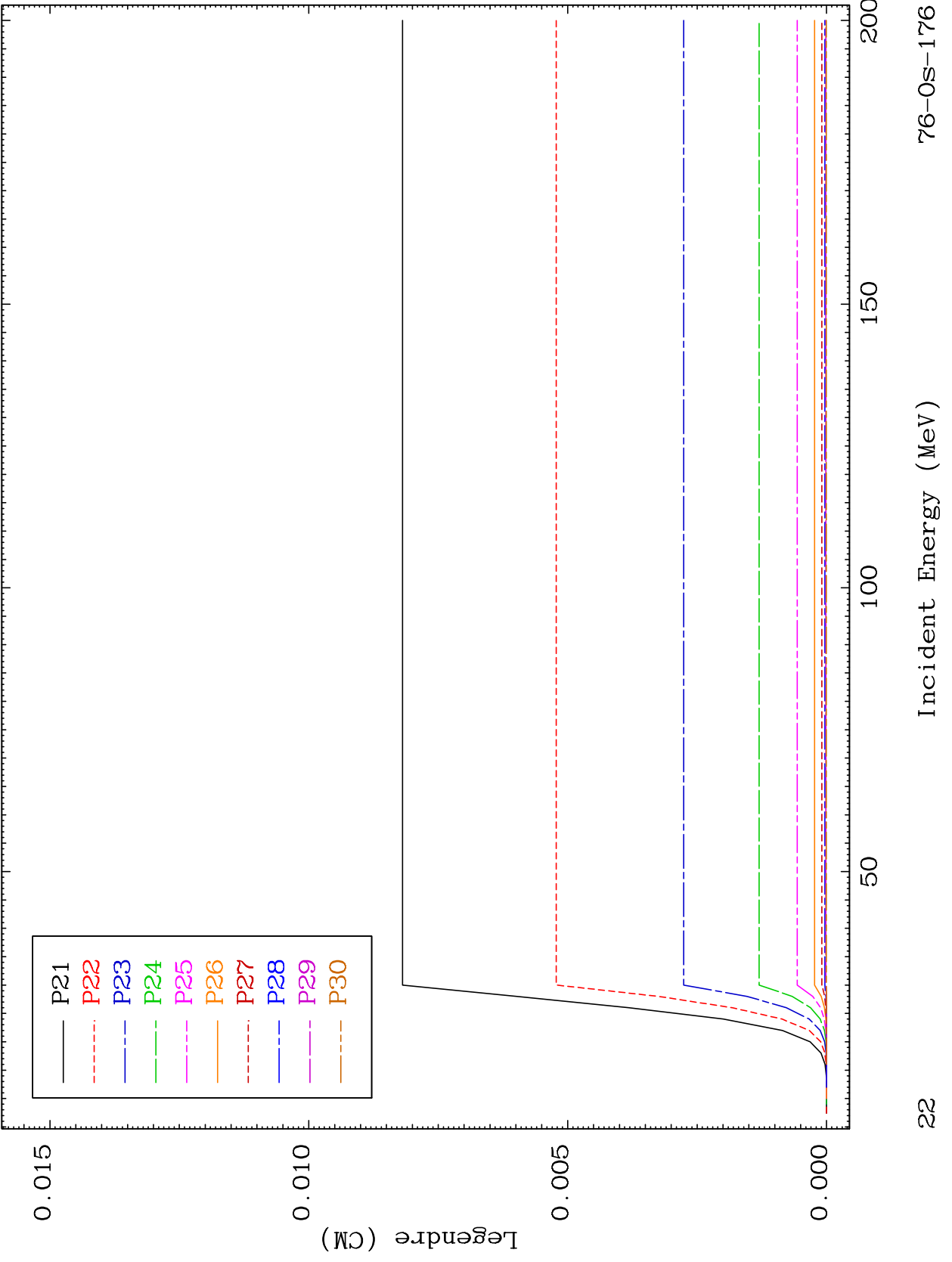
Incident Energy (MeV)

76-Os-176

MAT 7601

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

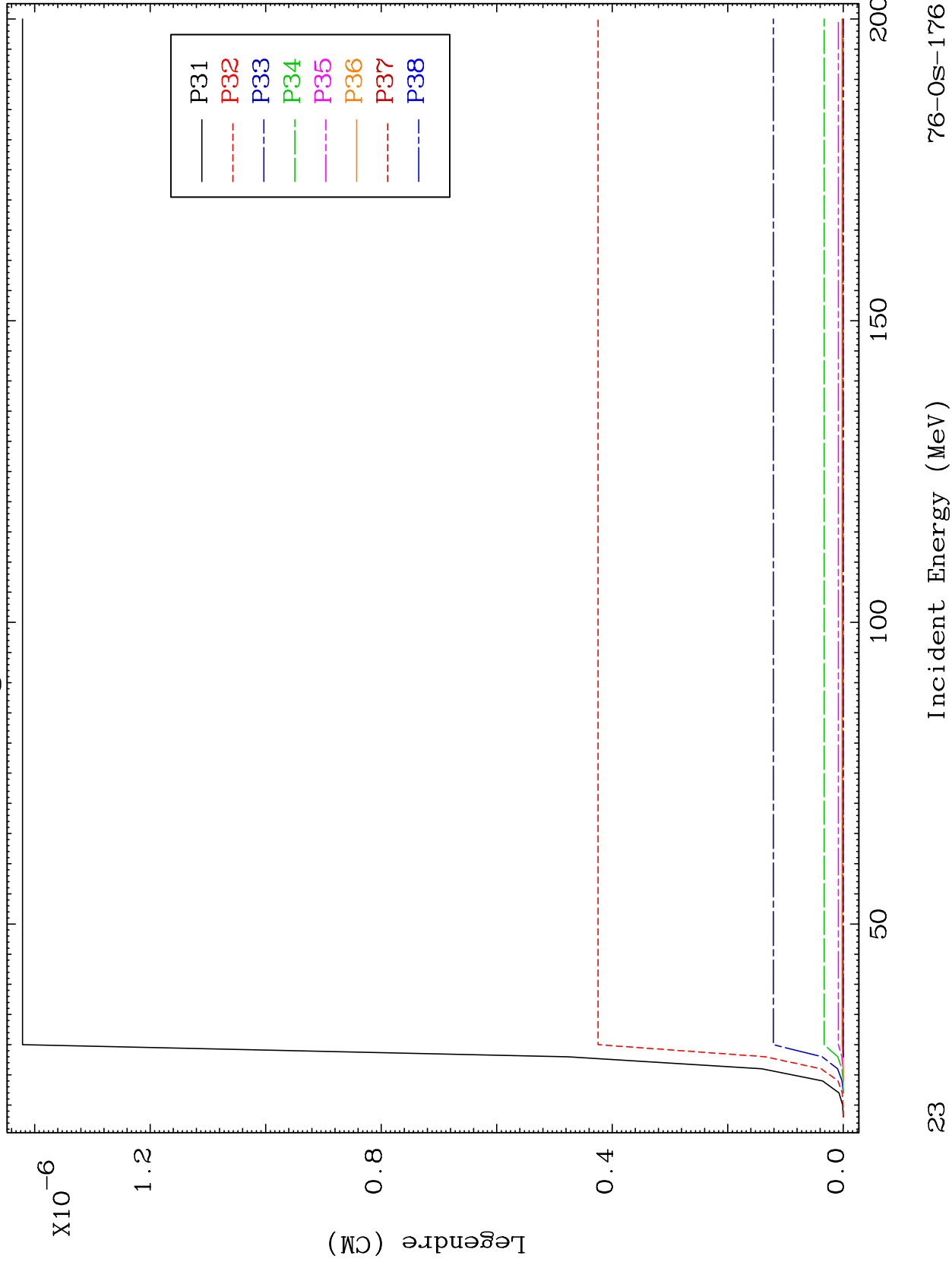
76-Os-176



MAT 7601

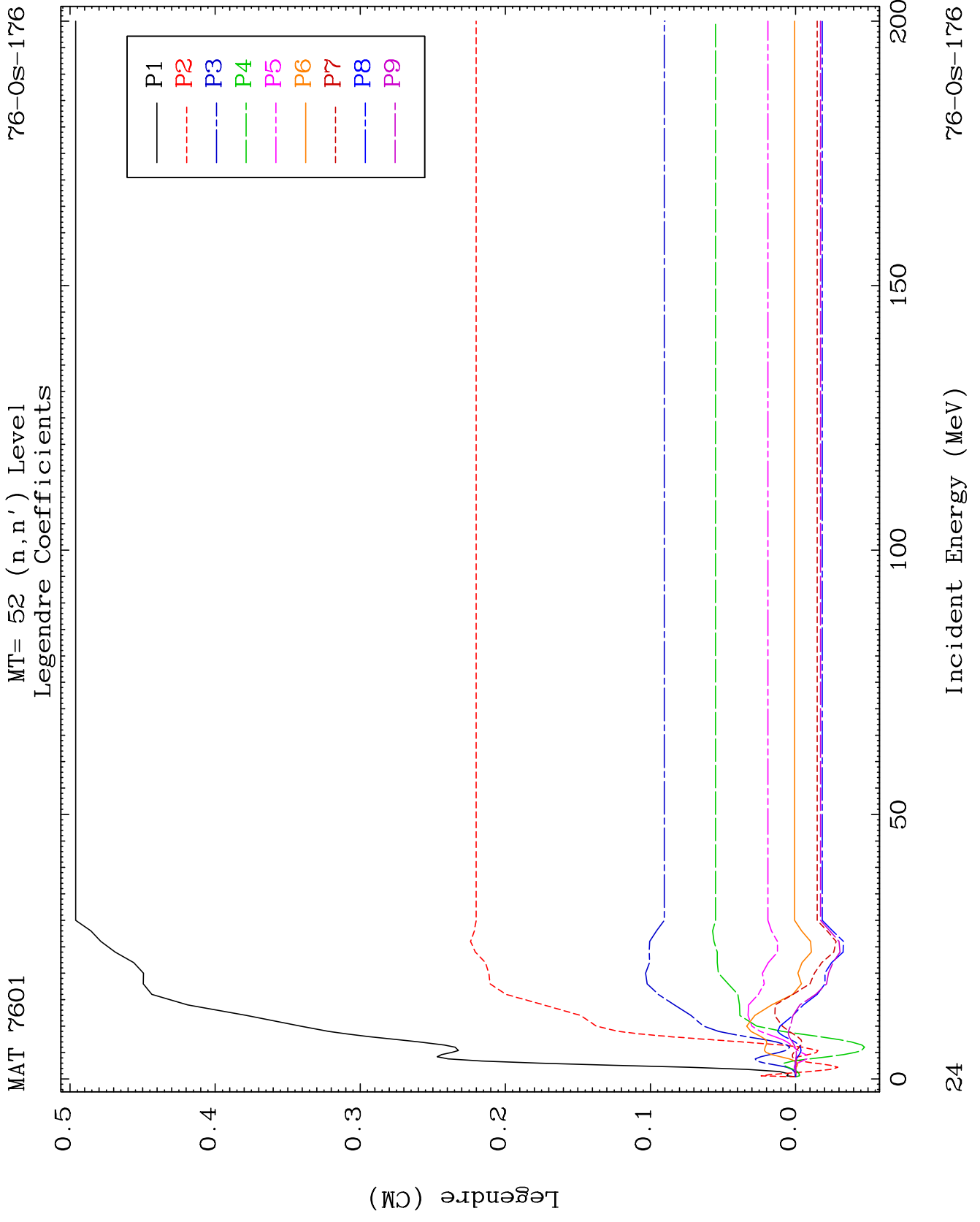
MT= 51 (n,n') Level
Legendre Coefficients

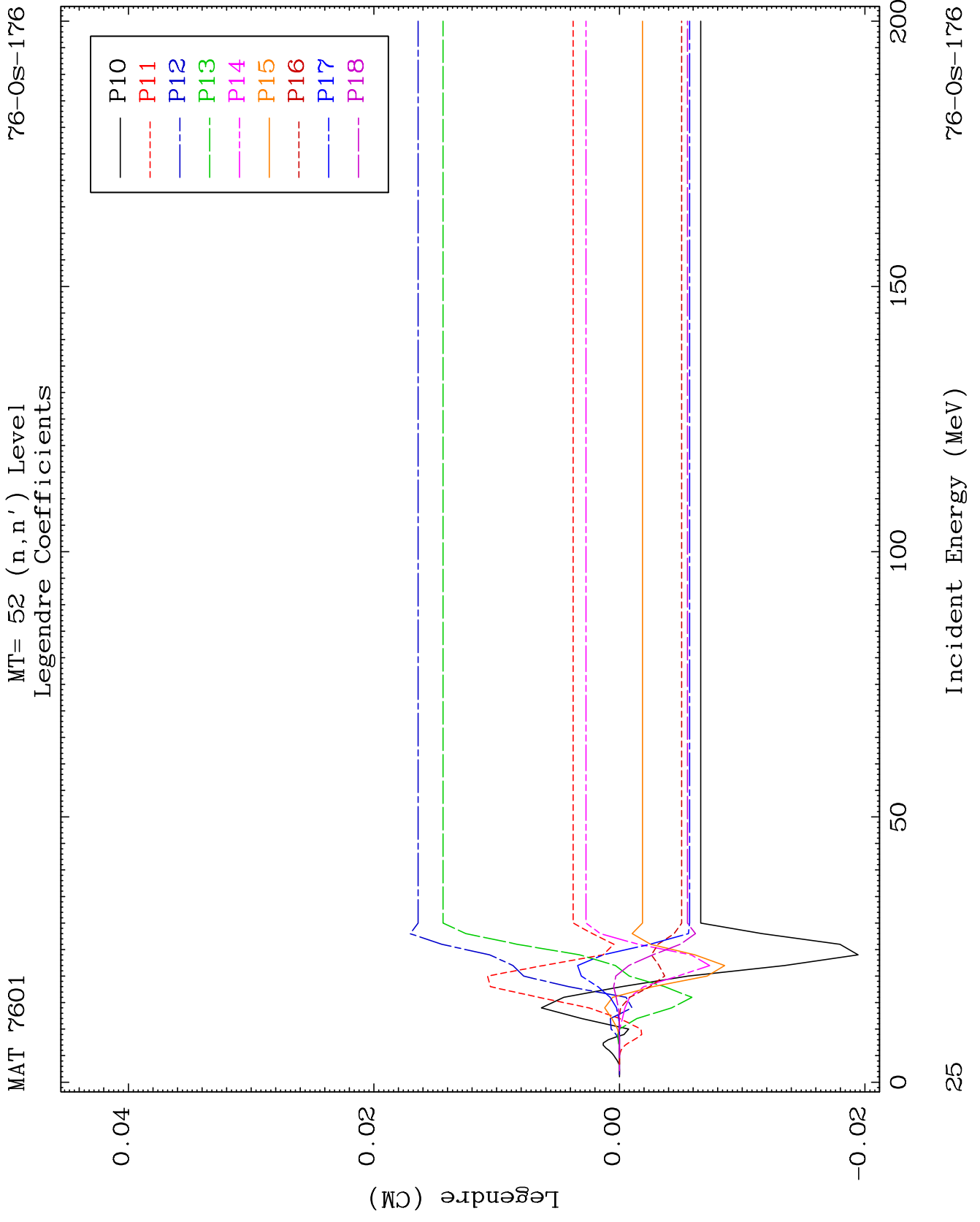
76-Os-176



23

76-Os-176



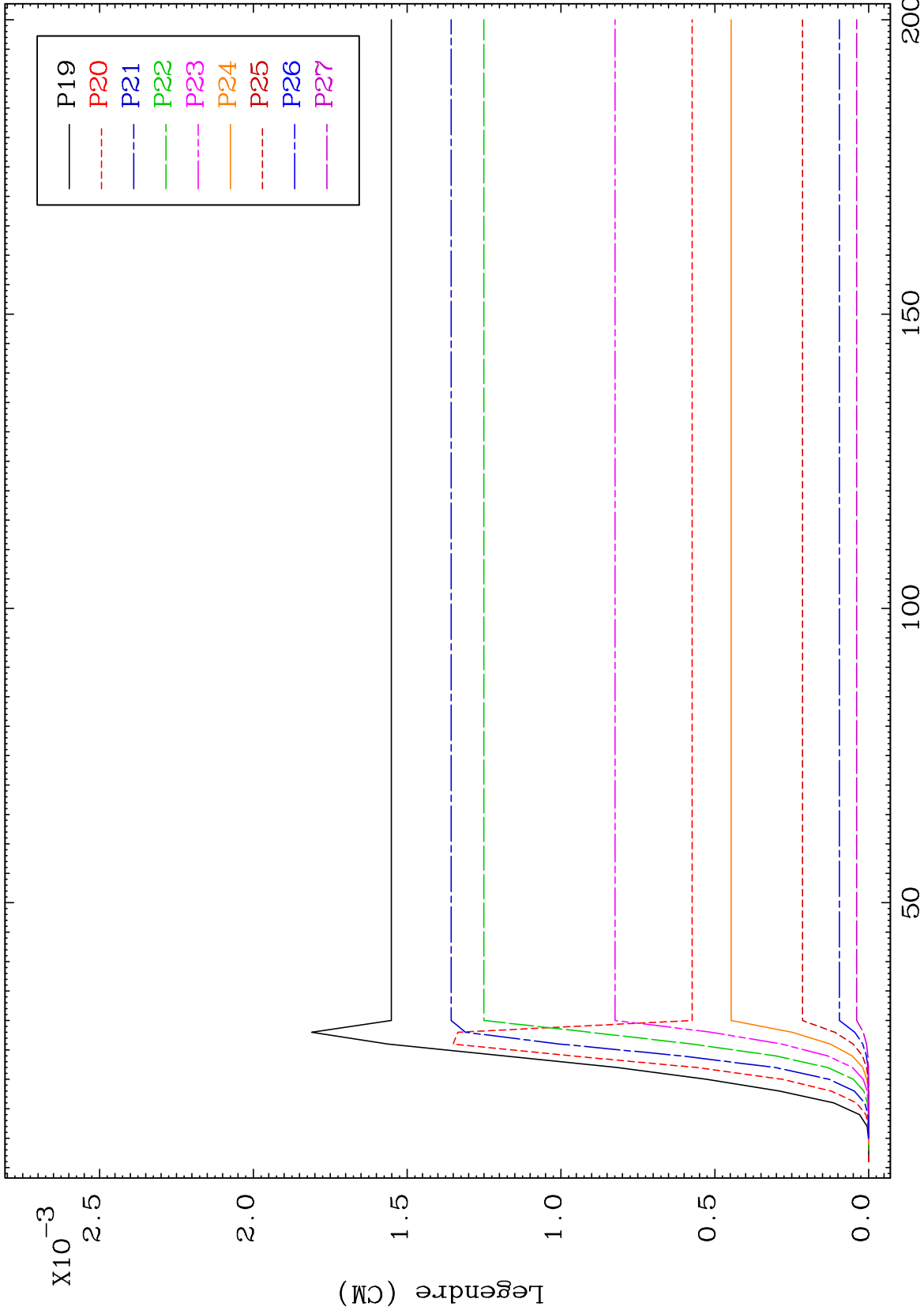


MAT 7601

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

76-Os-176

$\times 10^{-3}$
2.5
2.0
1.5
1.0
0.5
0.0



26

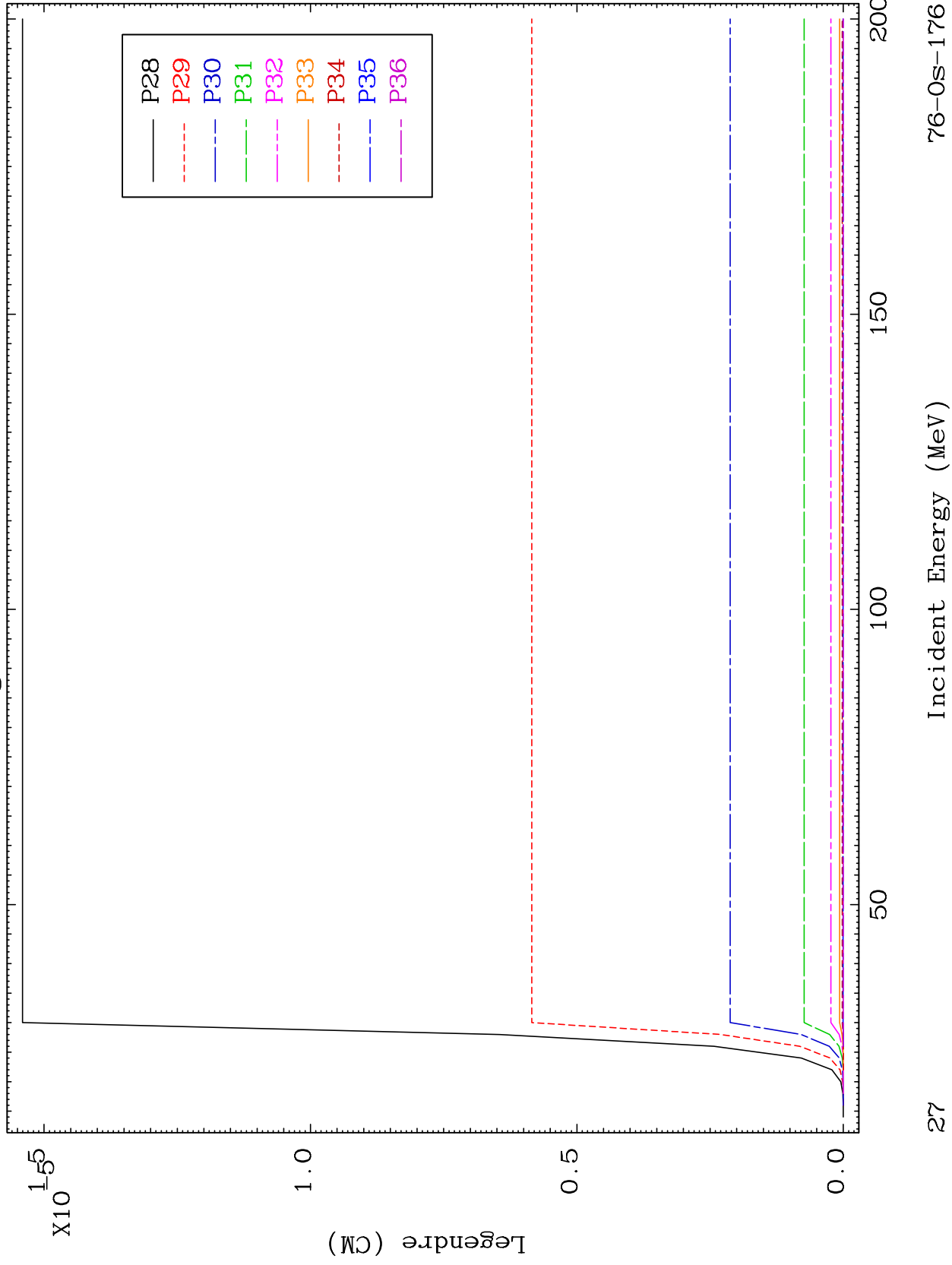
Incident Energy (MeV)

76-Os-176

MAT 7601

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

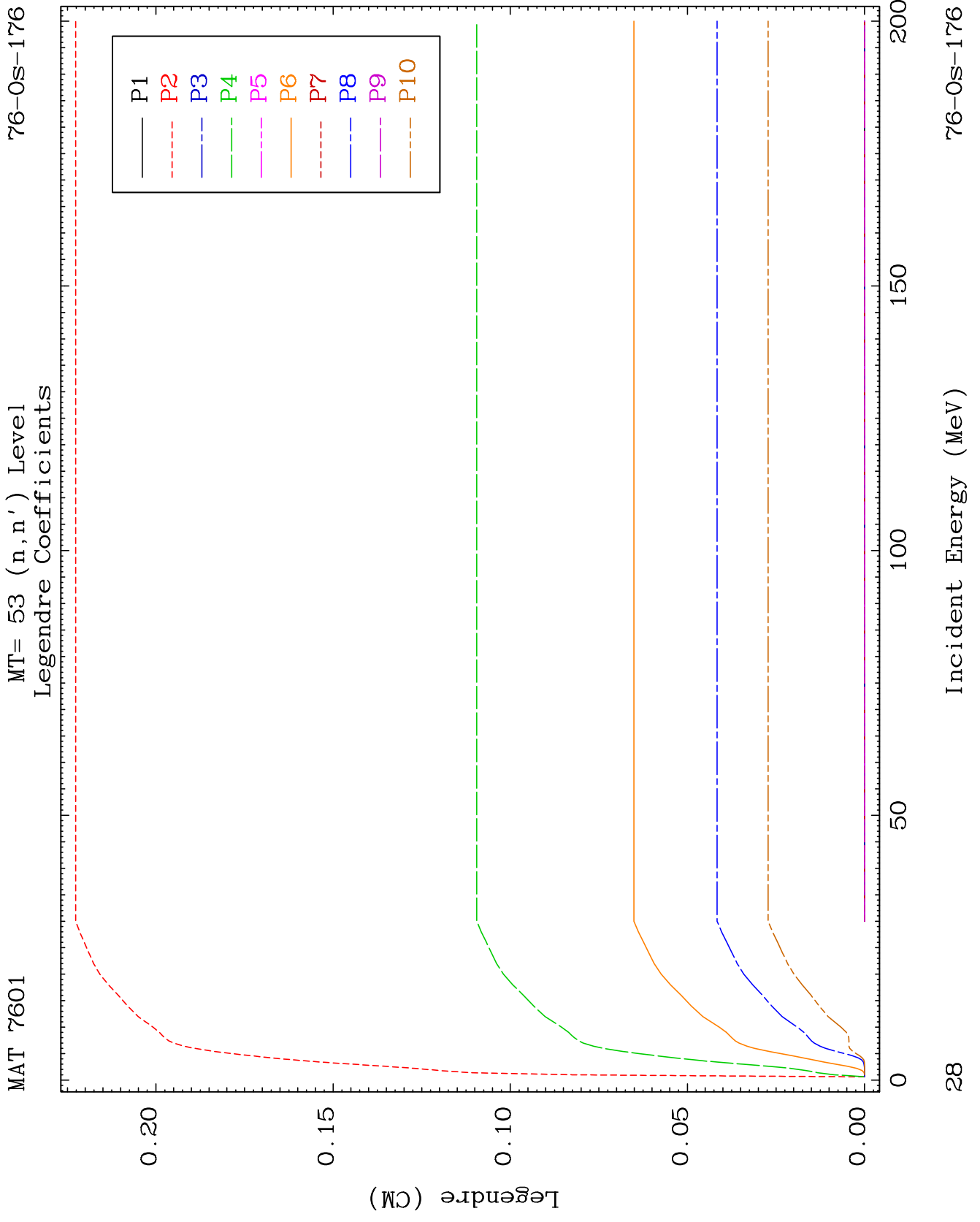
76-Os-176



27

Incident Energy (MeV)

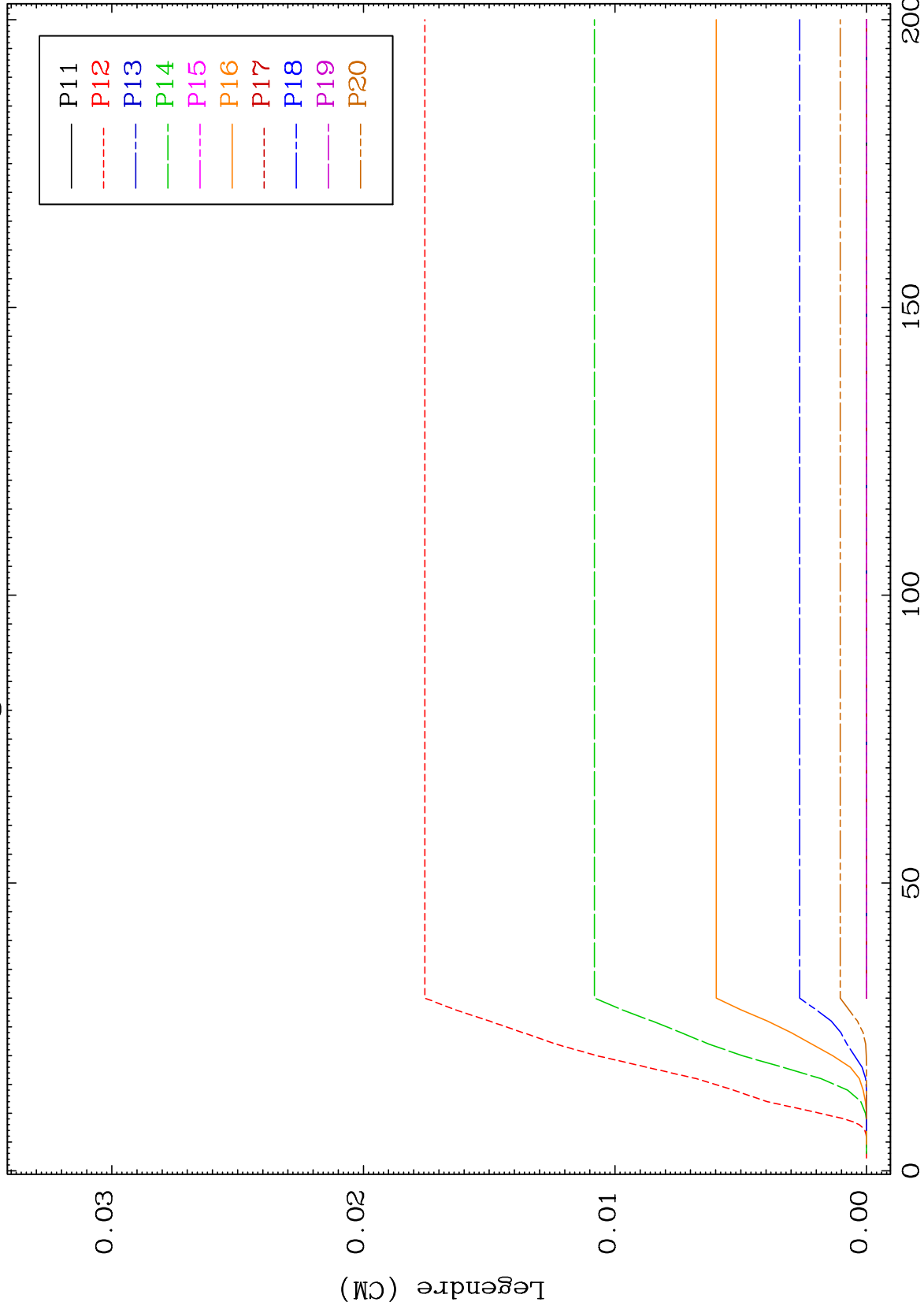
76-Os-176



MAT 7601

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

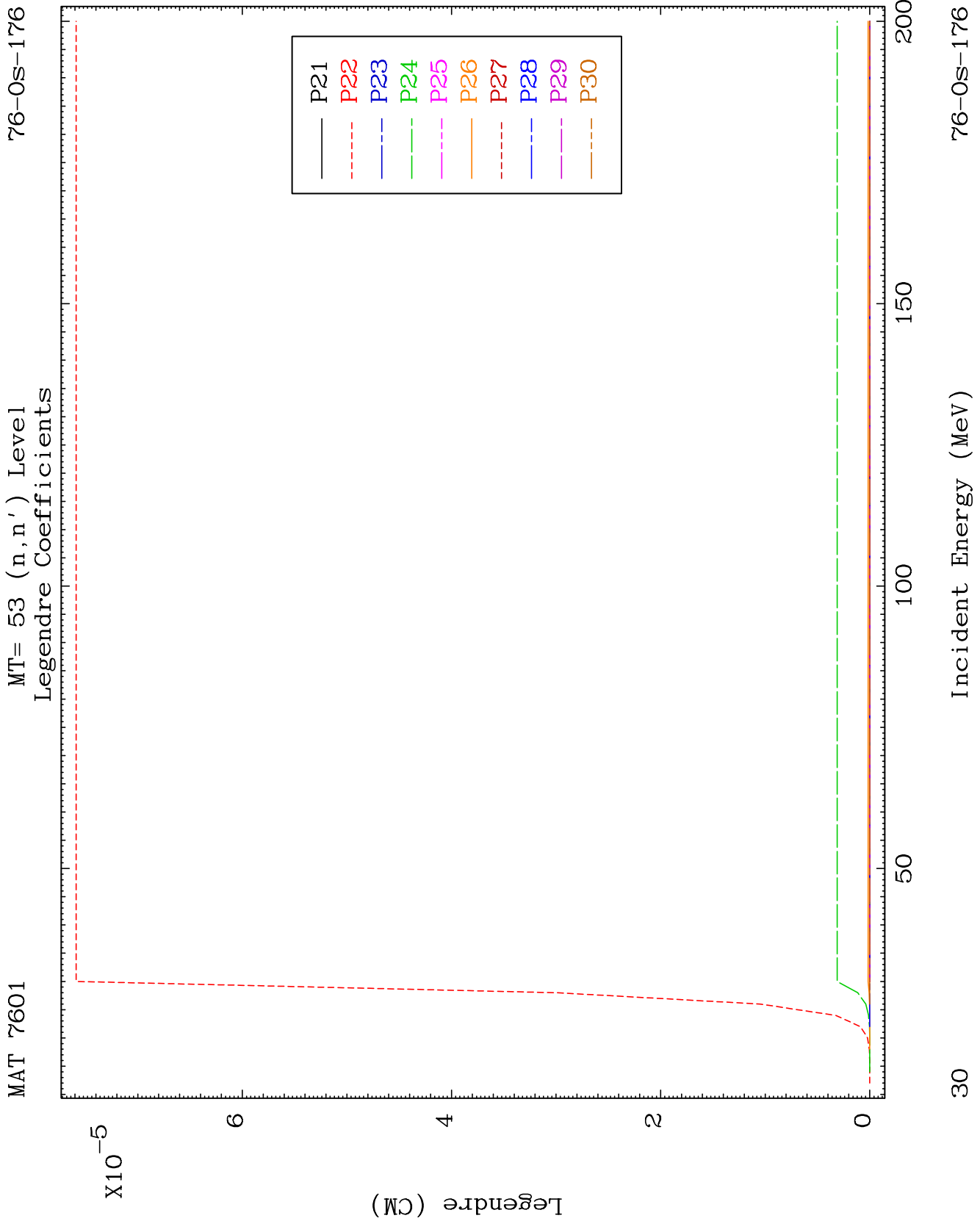
76-Os-176



29

Incident Energy (MeV)

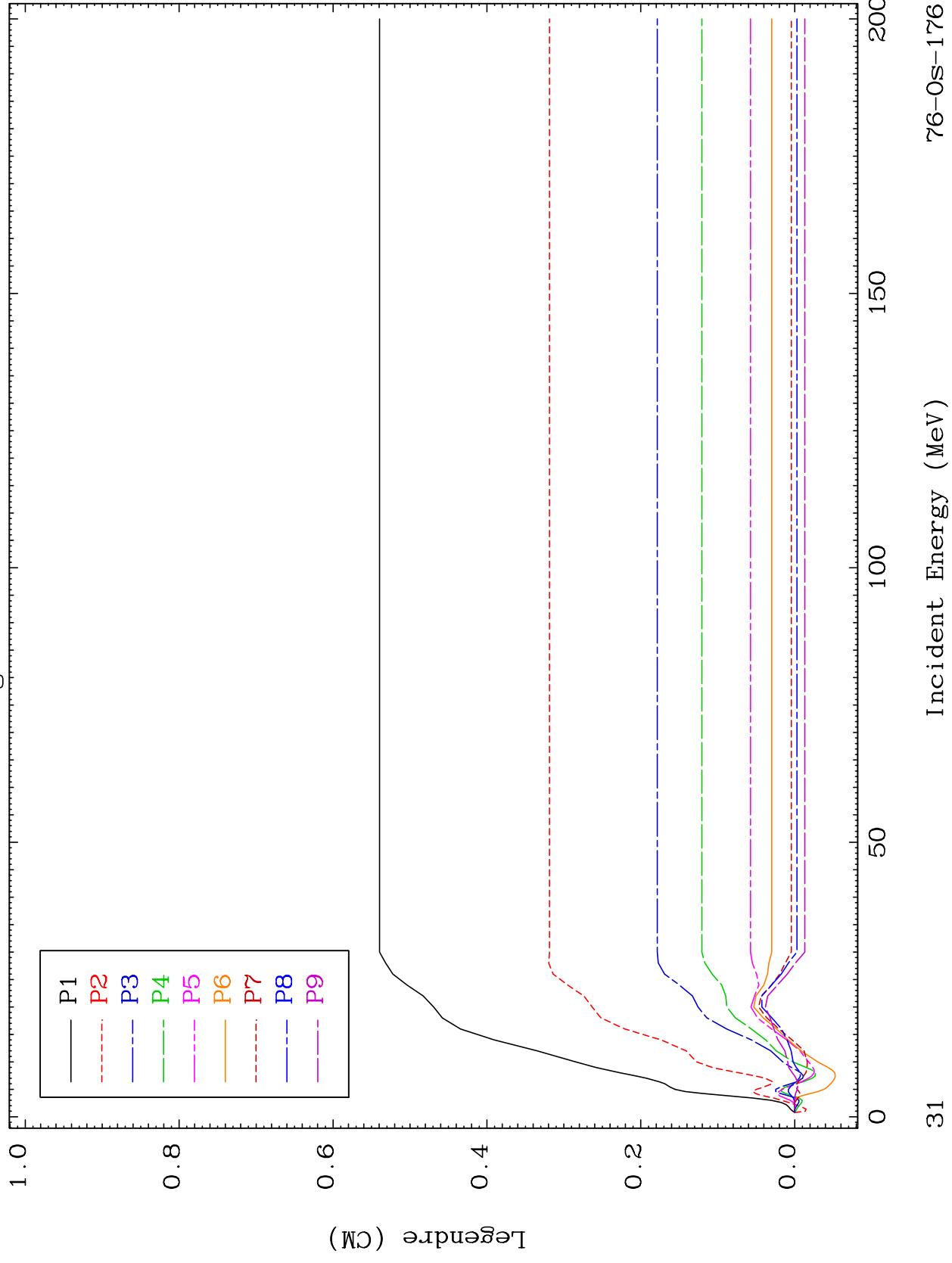
76-Os-176



MAT 7601

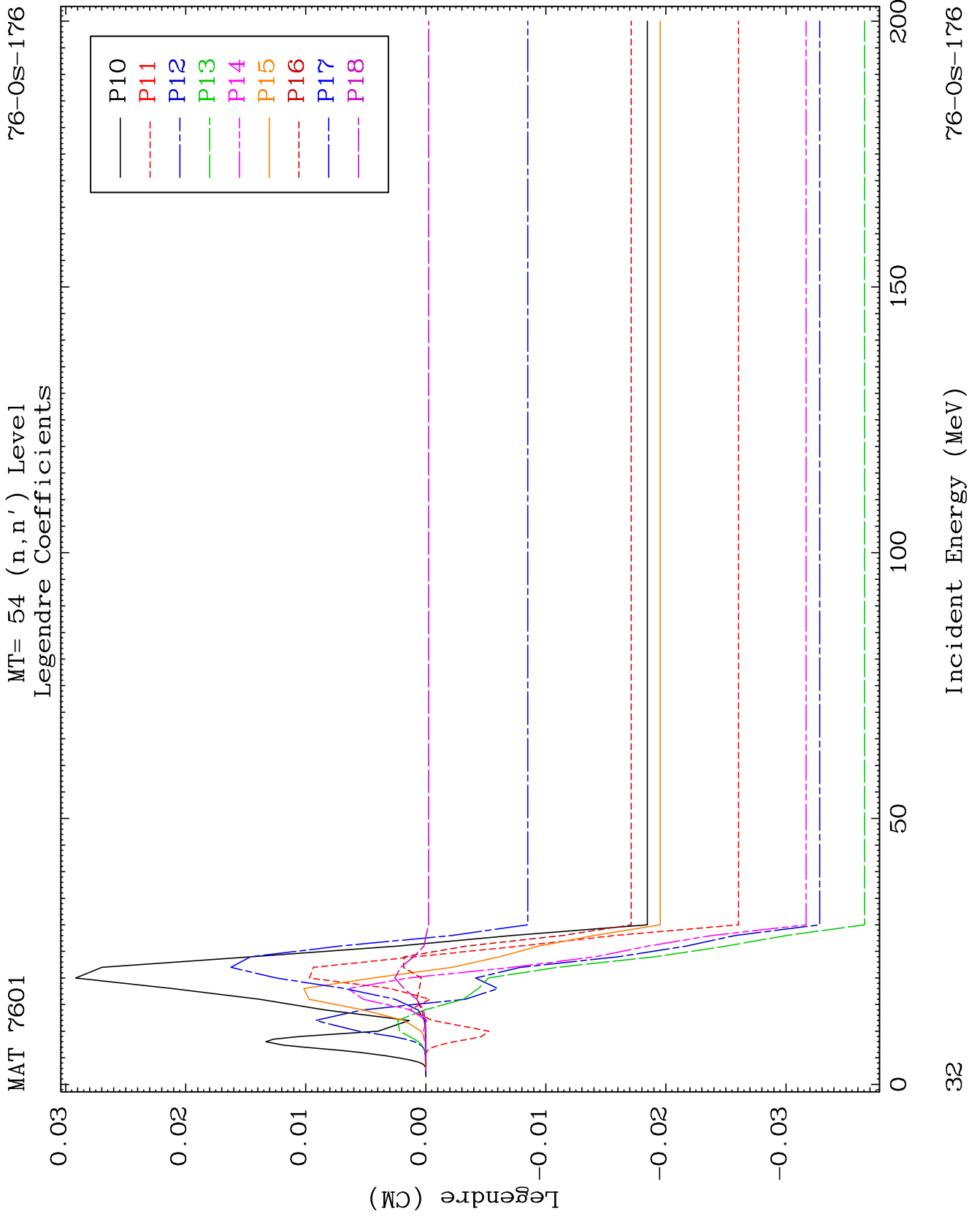
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Legendre Coefficients

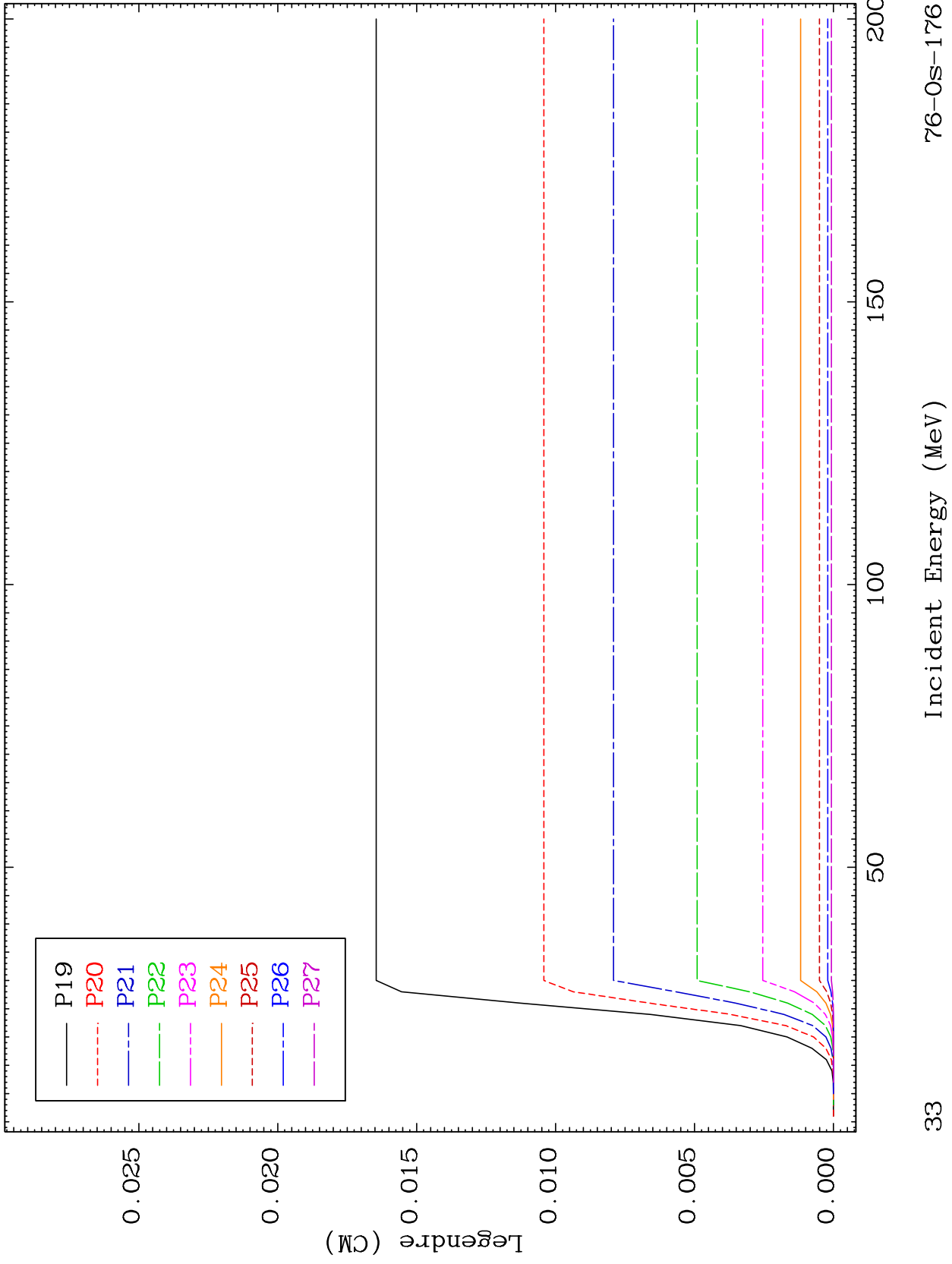
76-Os-176

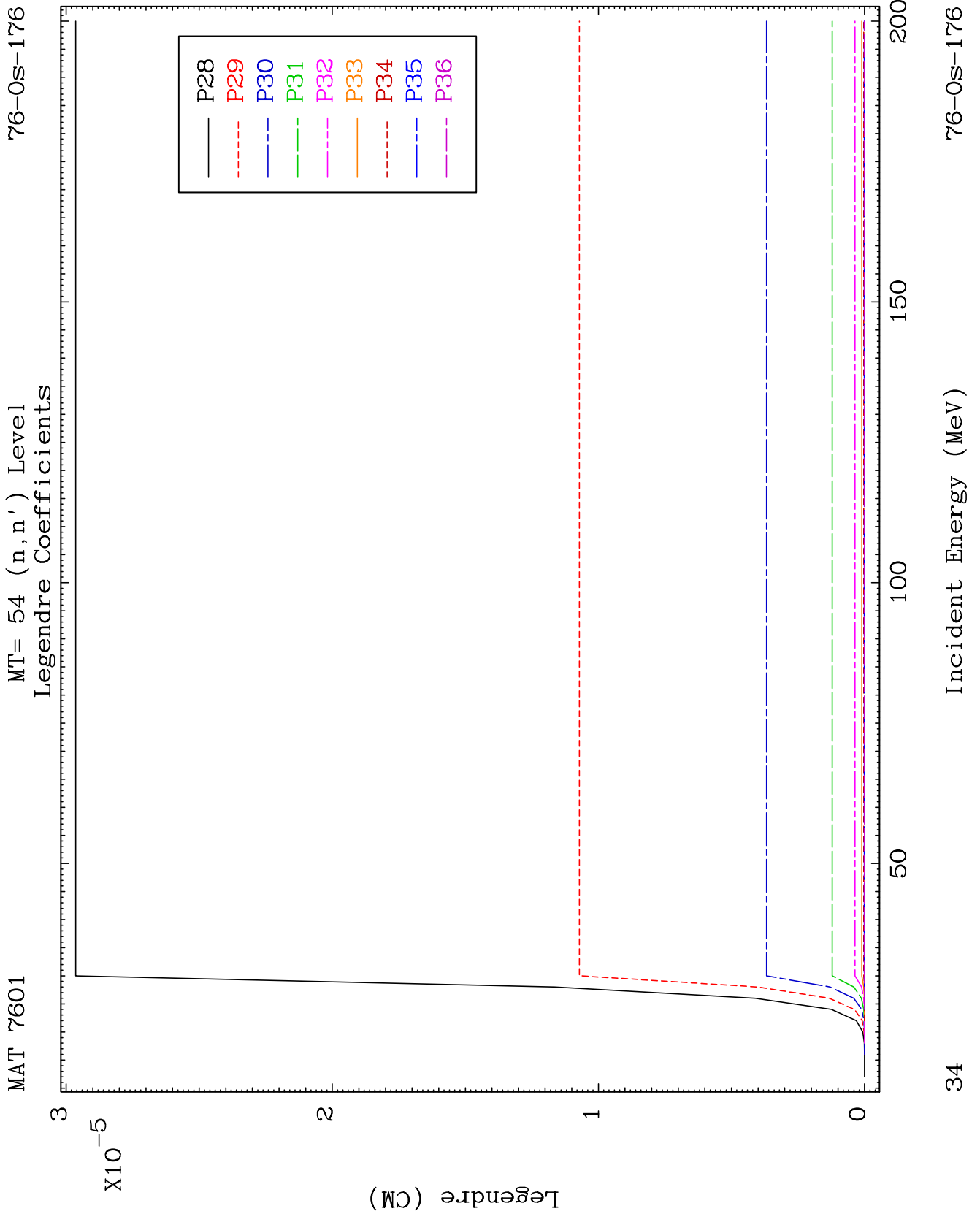


31

76-Os-176



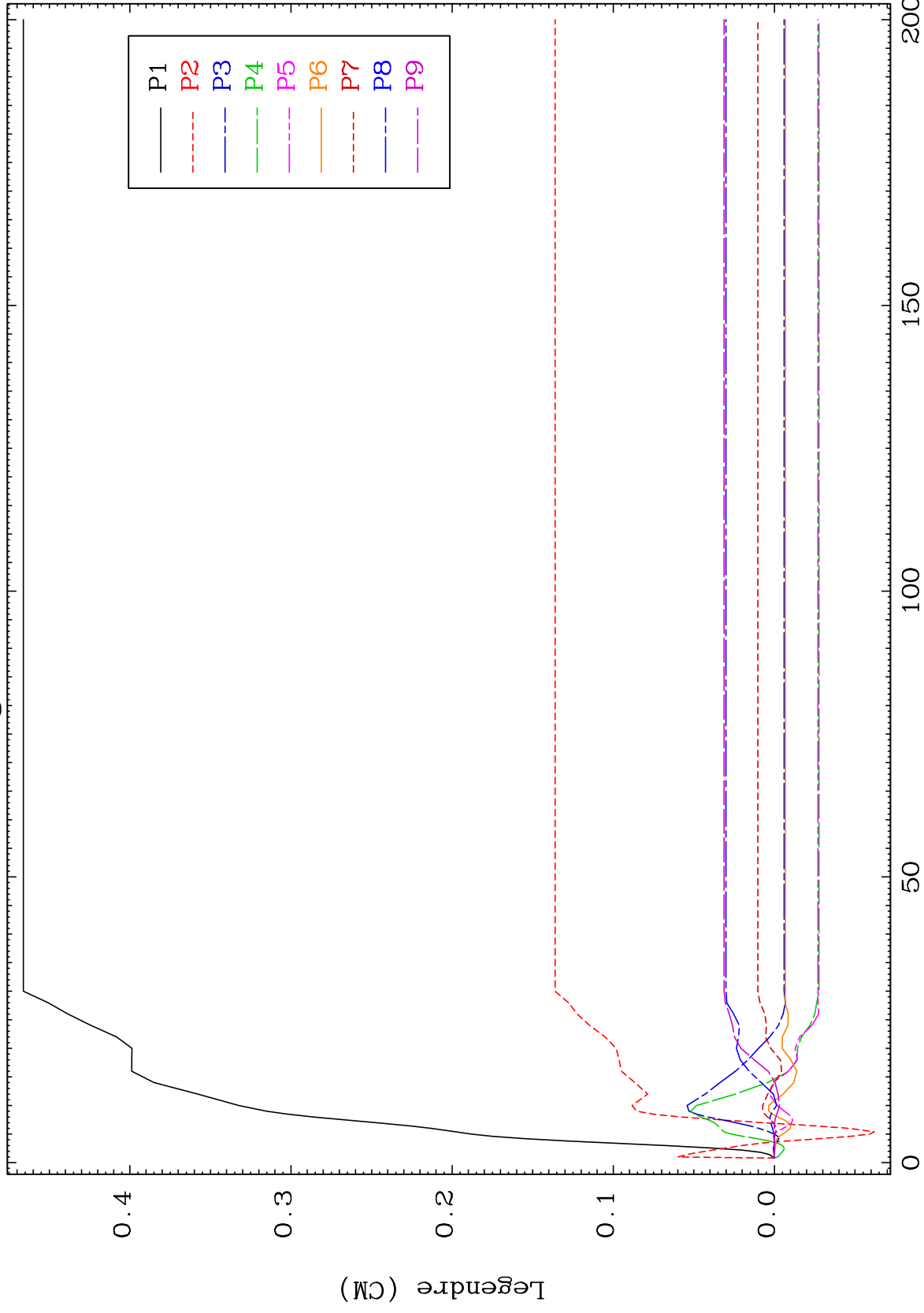




MAT 7601

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

76-Os-176



76-Os-176

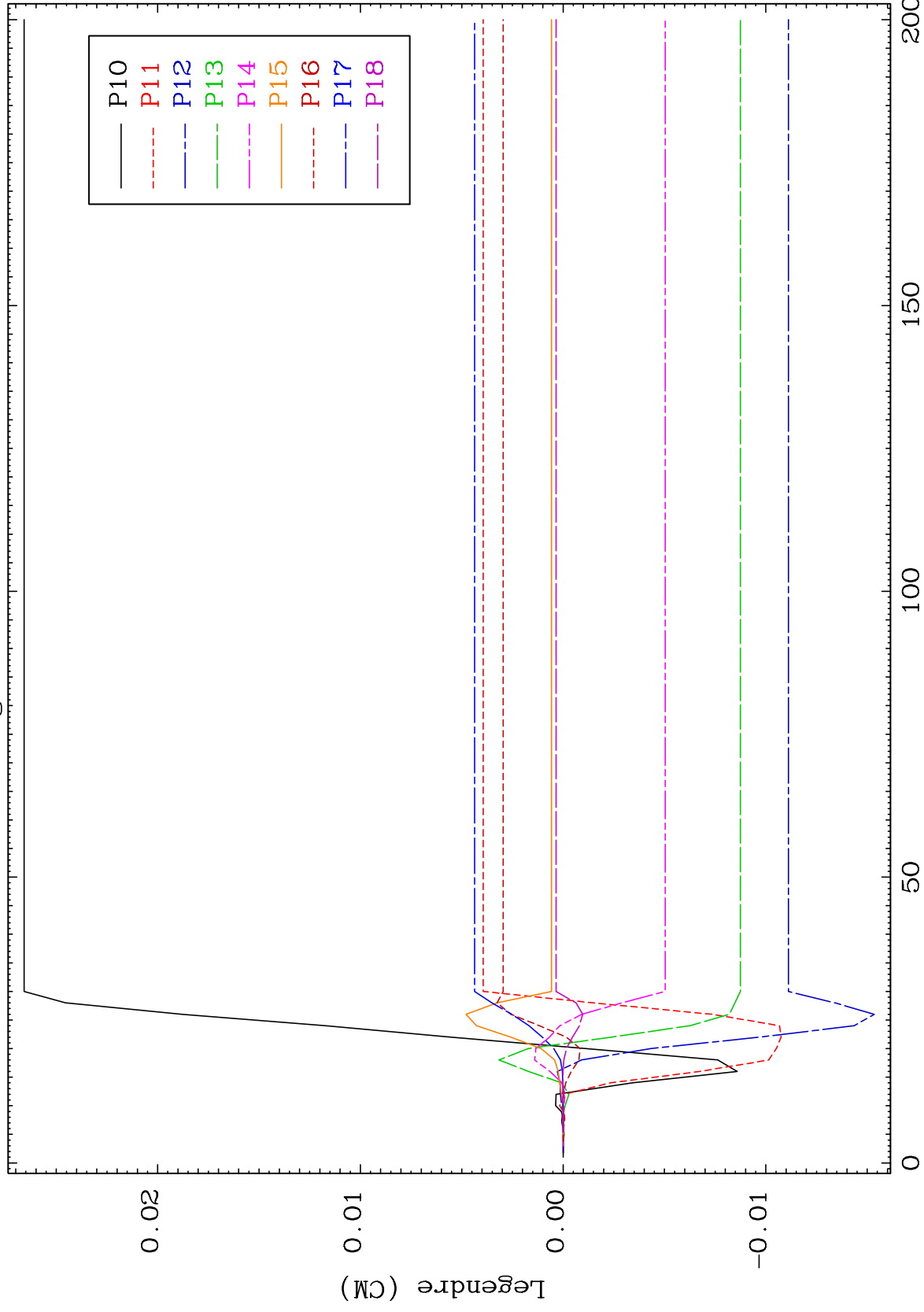
Incident Energy (MeV)

35

MAT 7601

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

76-Os-176



36

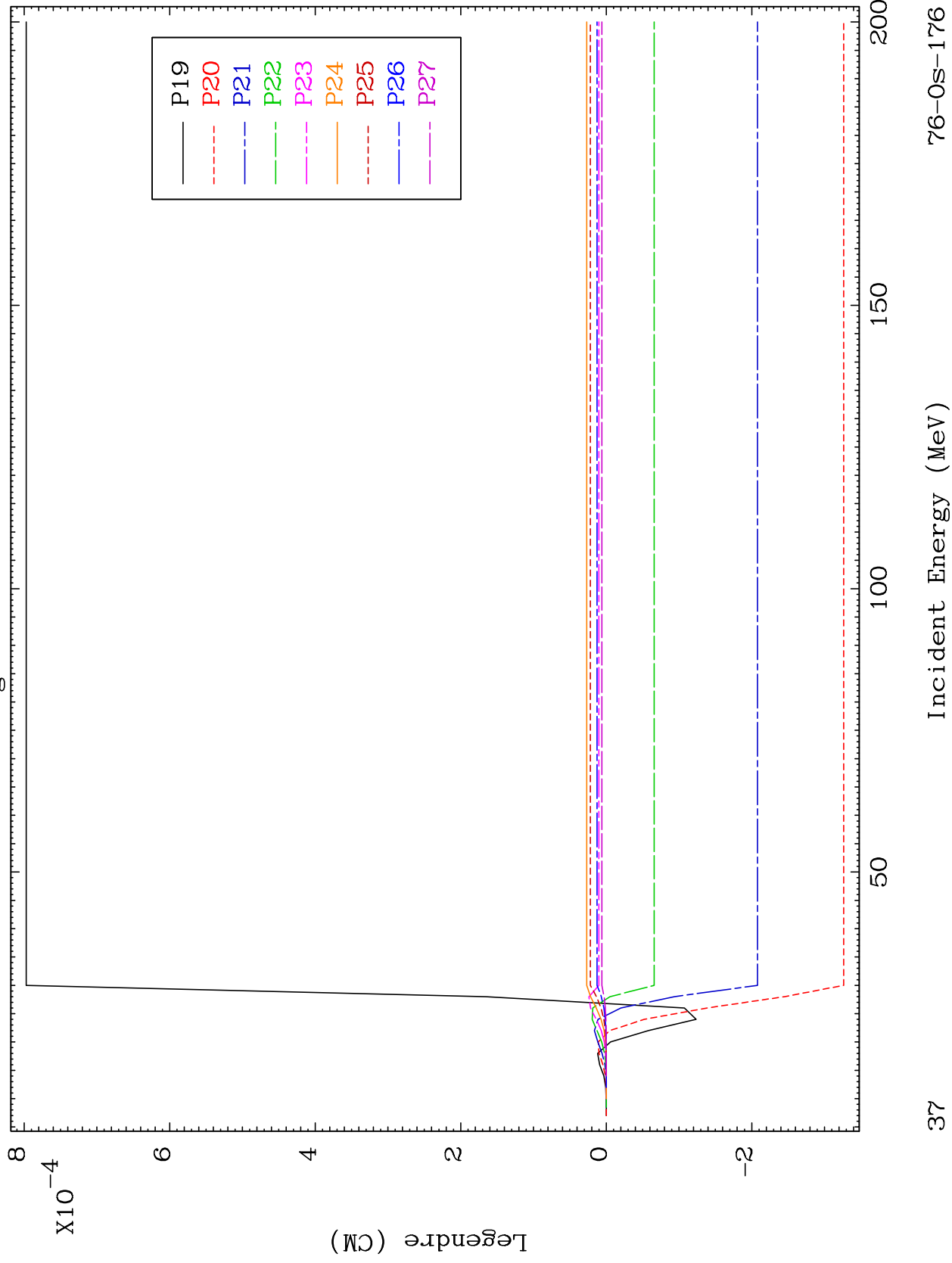
Incident Energy (MeV)

76-Os-176

MAT 7601

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

76-Os-176



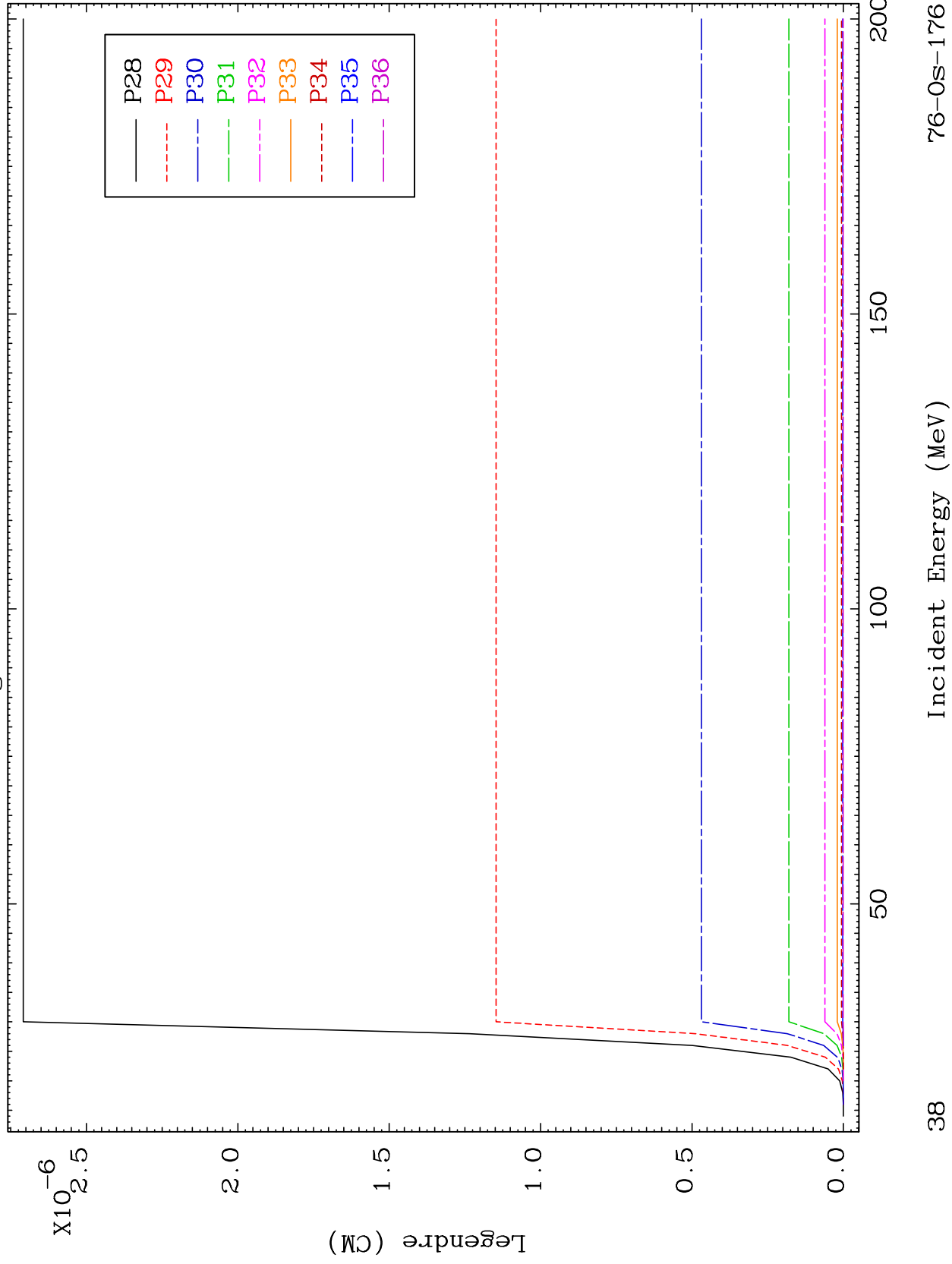
37

76-Os-176

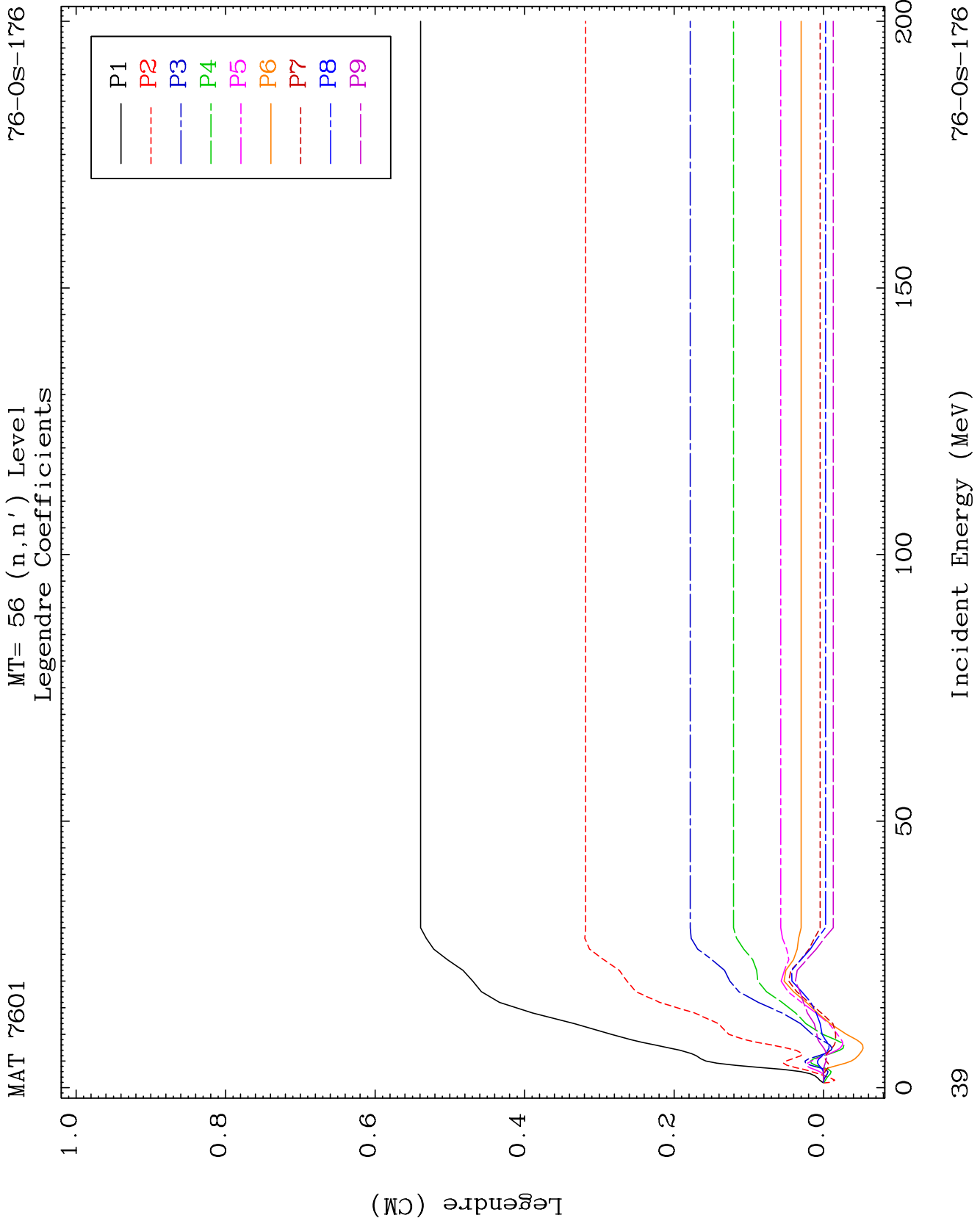
MAT 7601

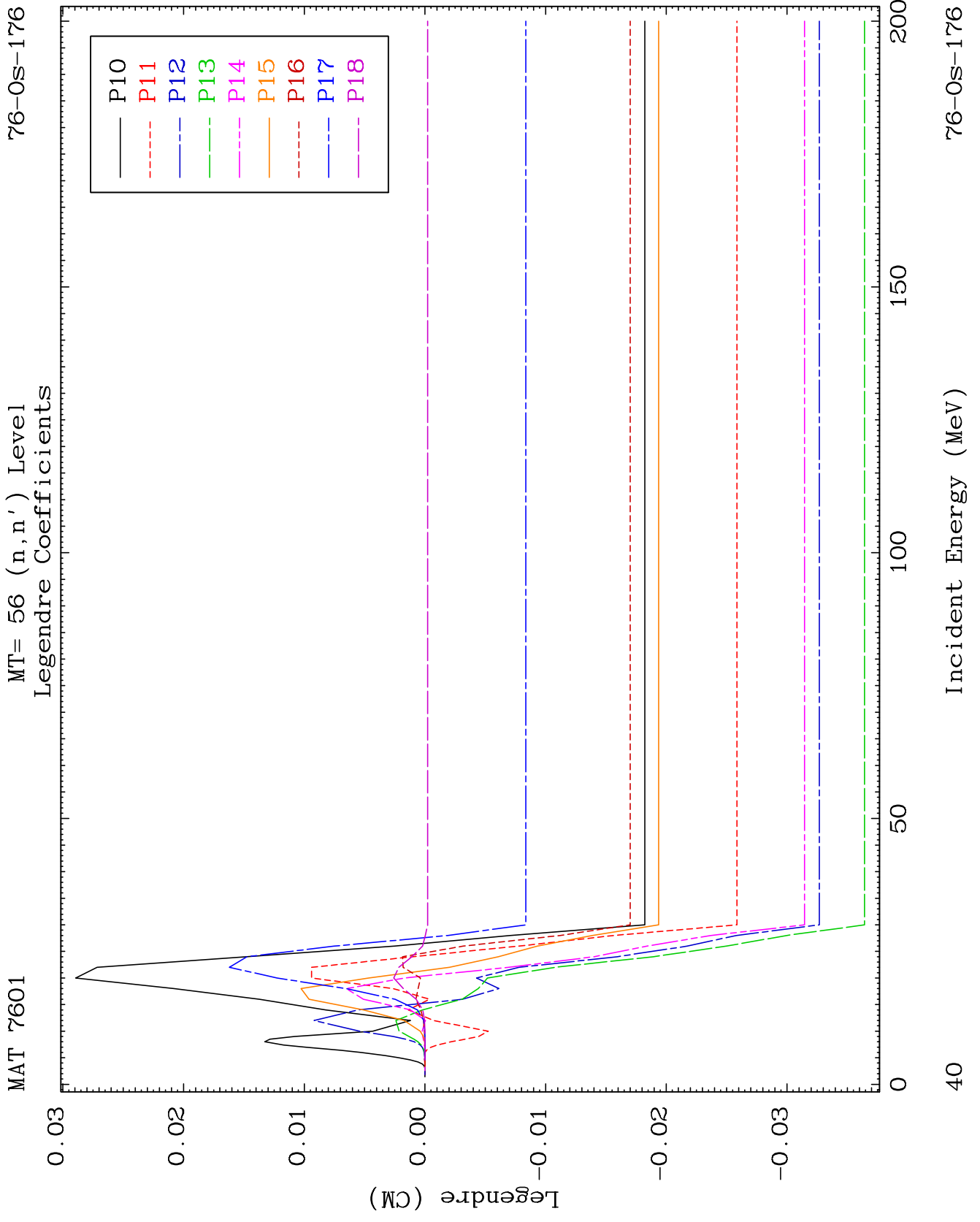
MT= 55 (n,n') Level
Legendre Coefficients

76-Os-176



38

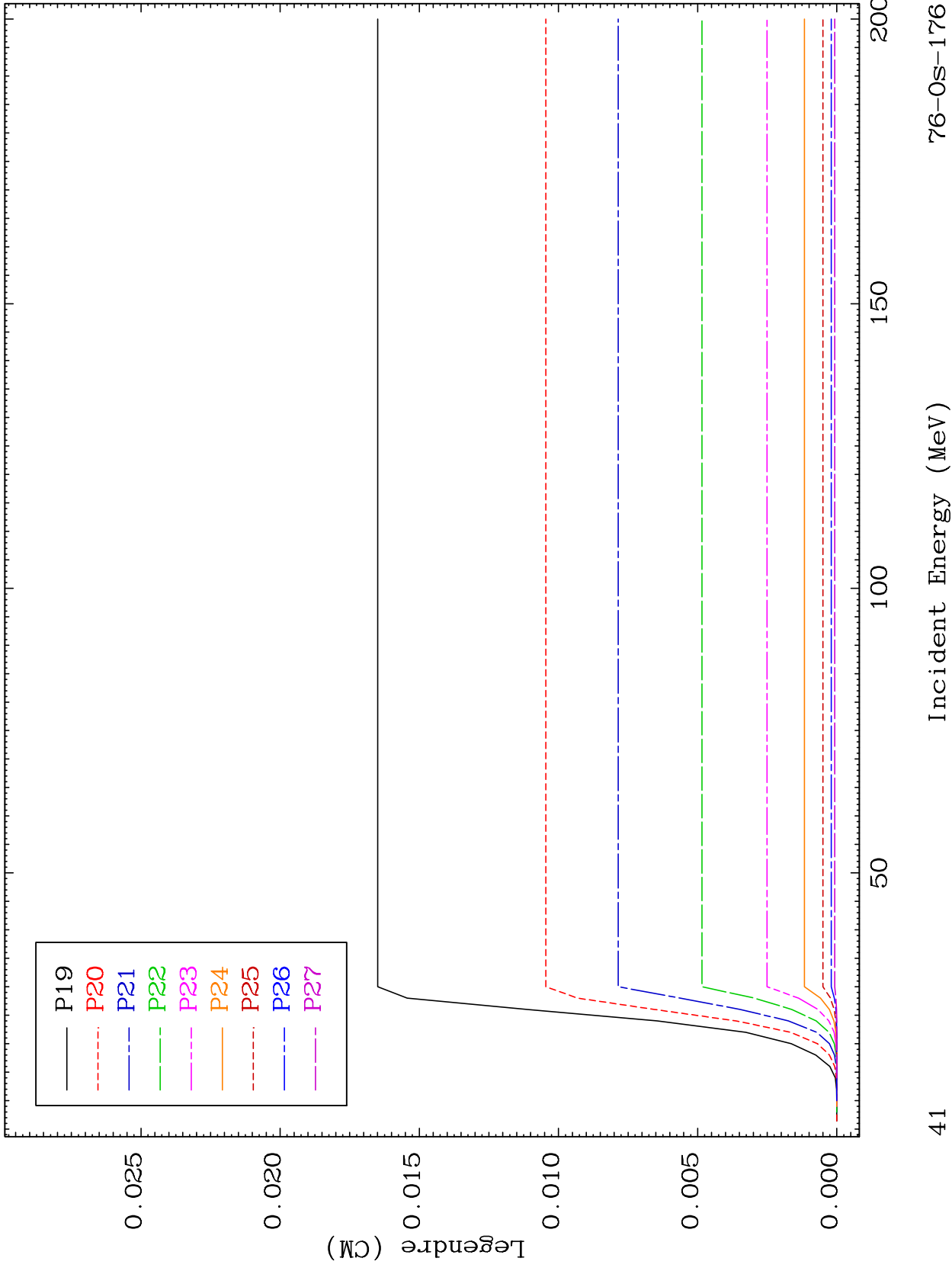




MAT 7601

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

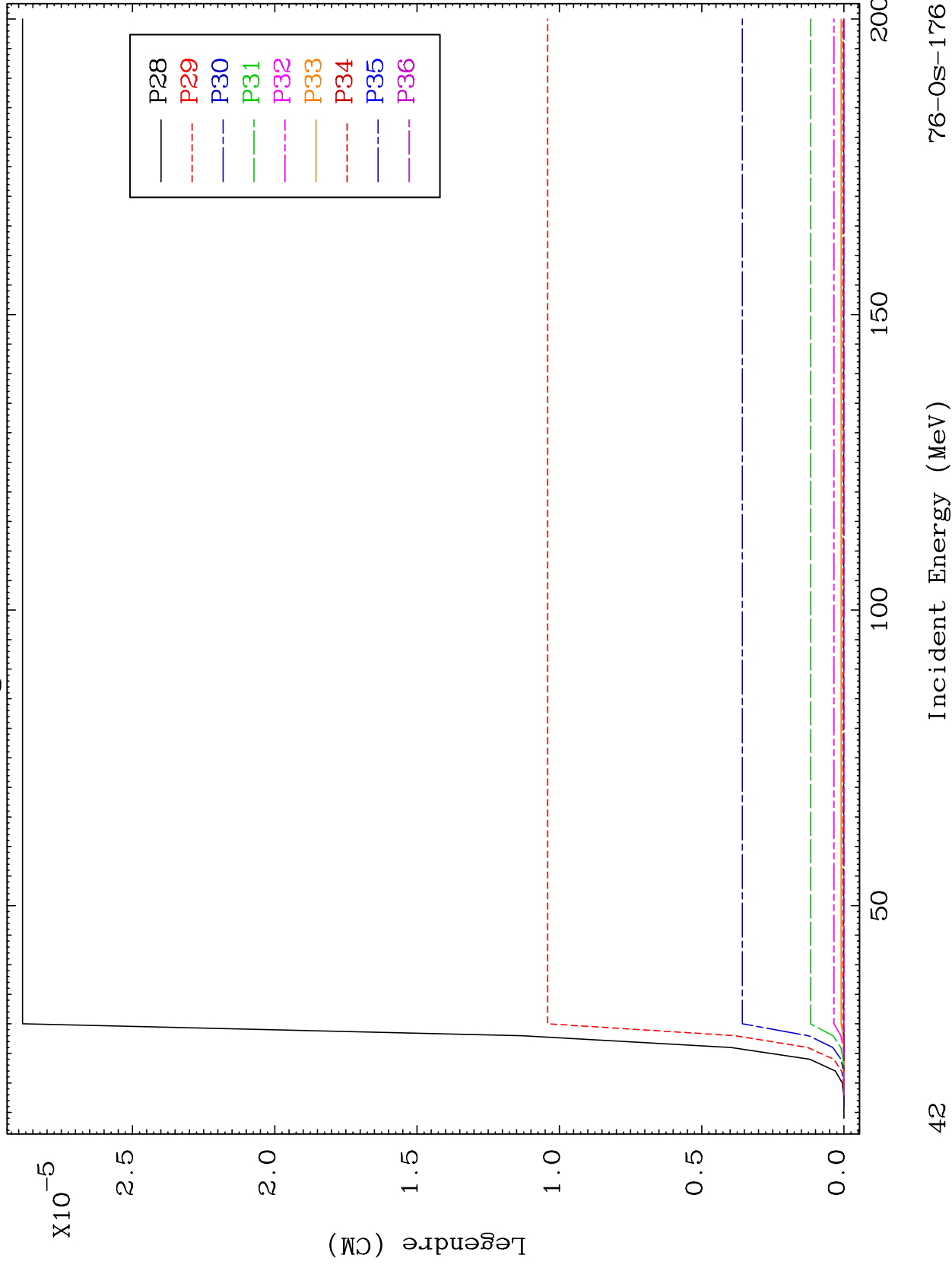
76-0s-176



MAT 7601

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

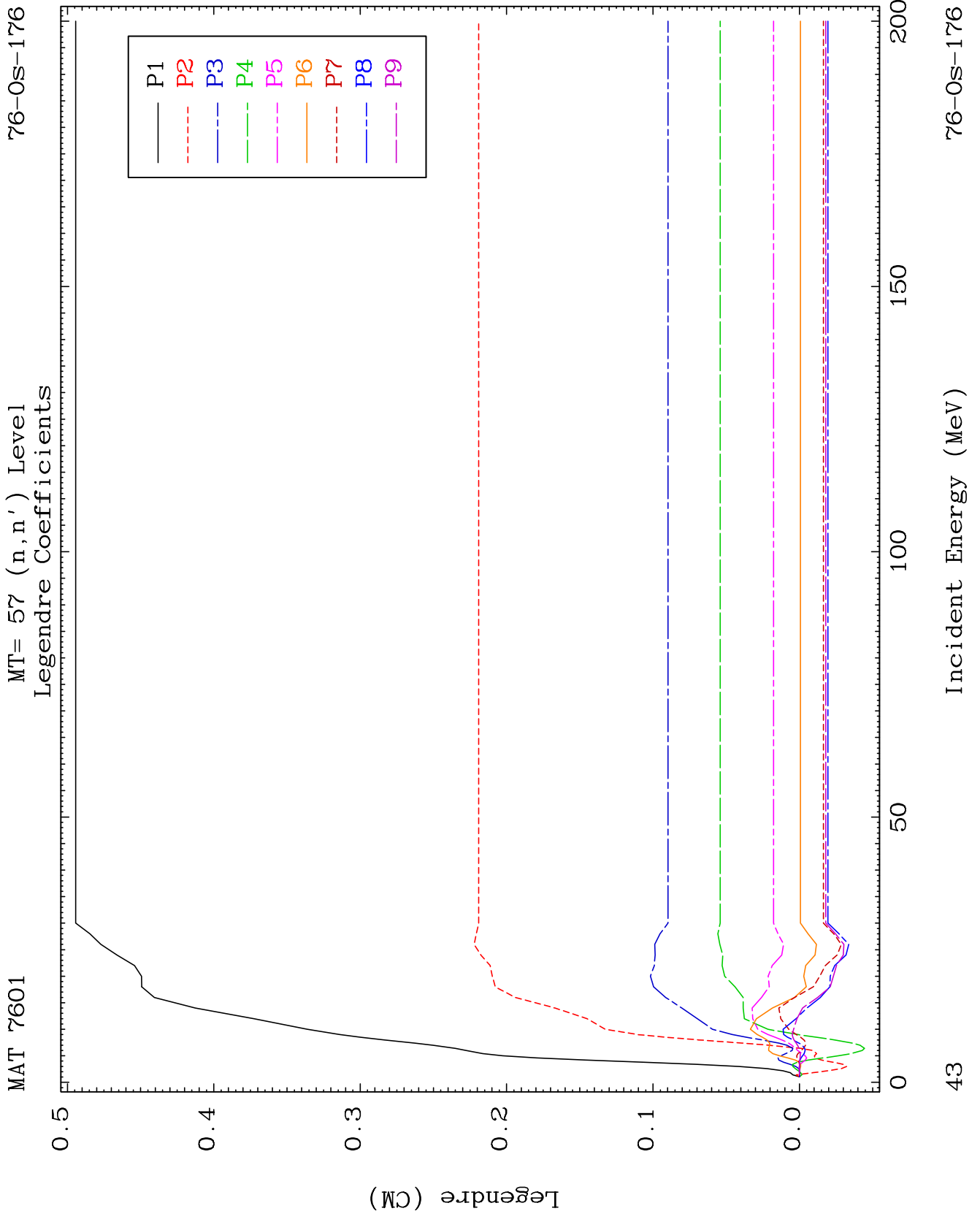
76-Os-176



42

Incident Energy (MeV)

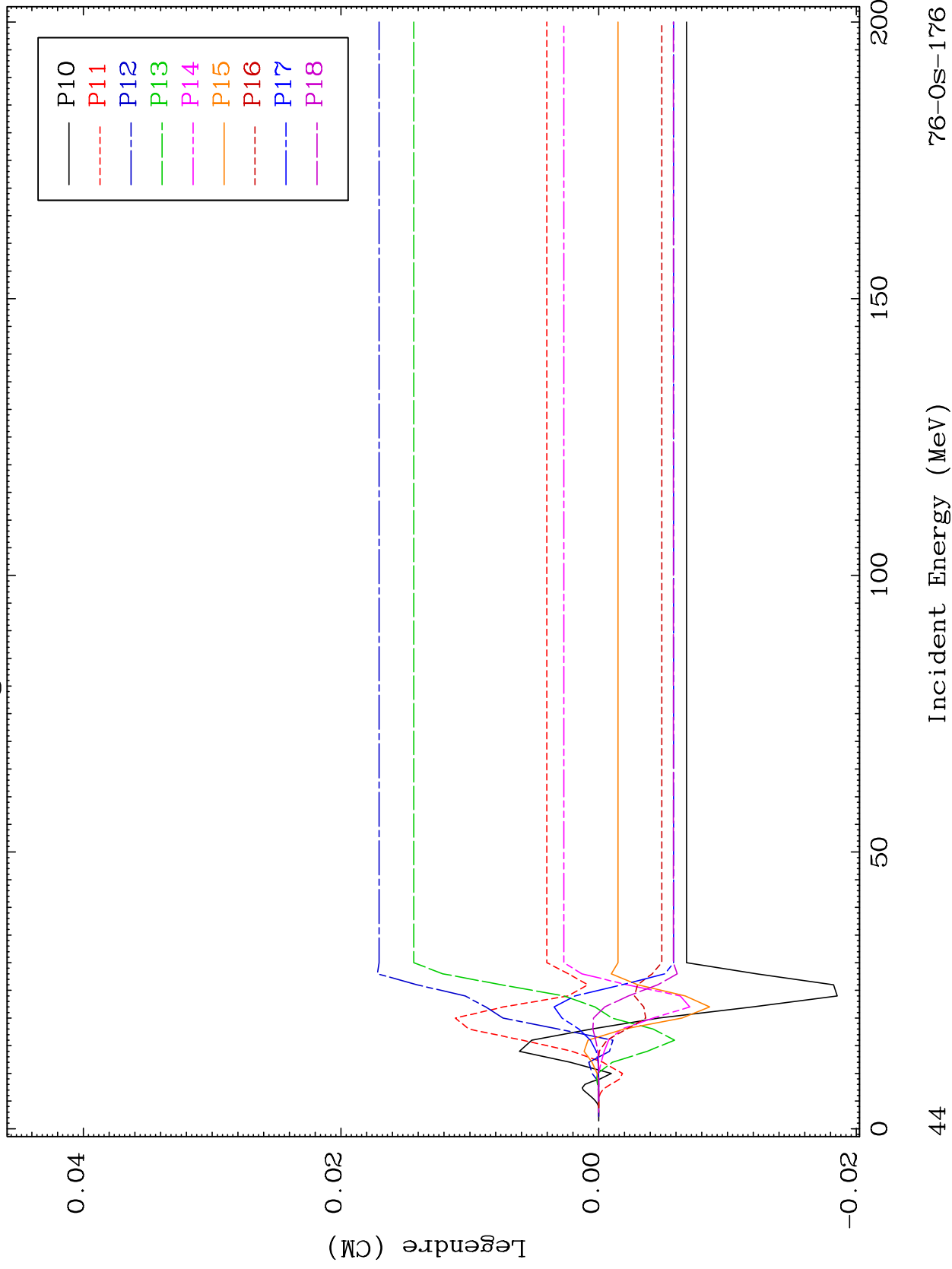
76-Os-176



MAT 7601

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

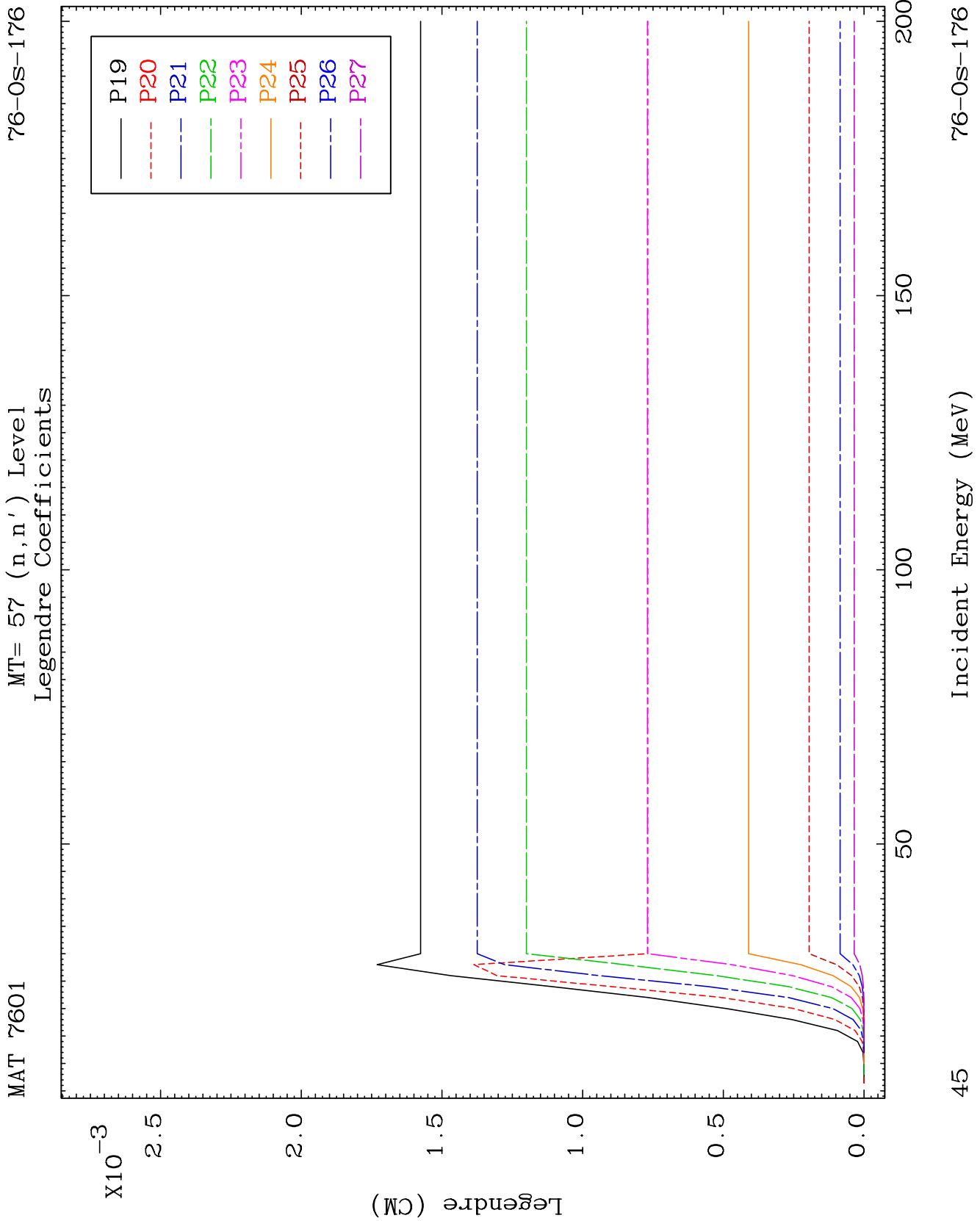
76-Os-176

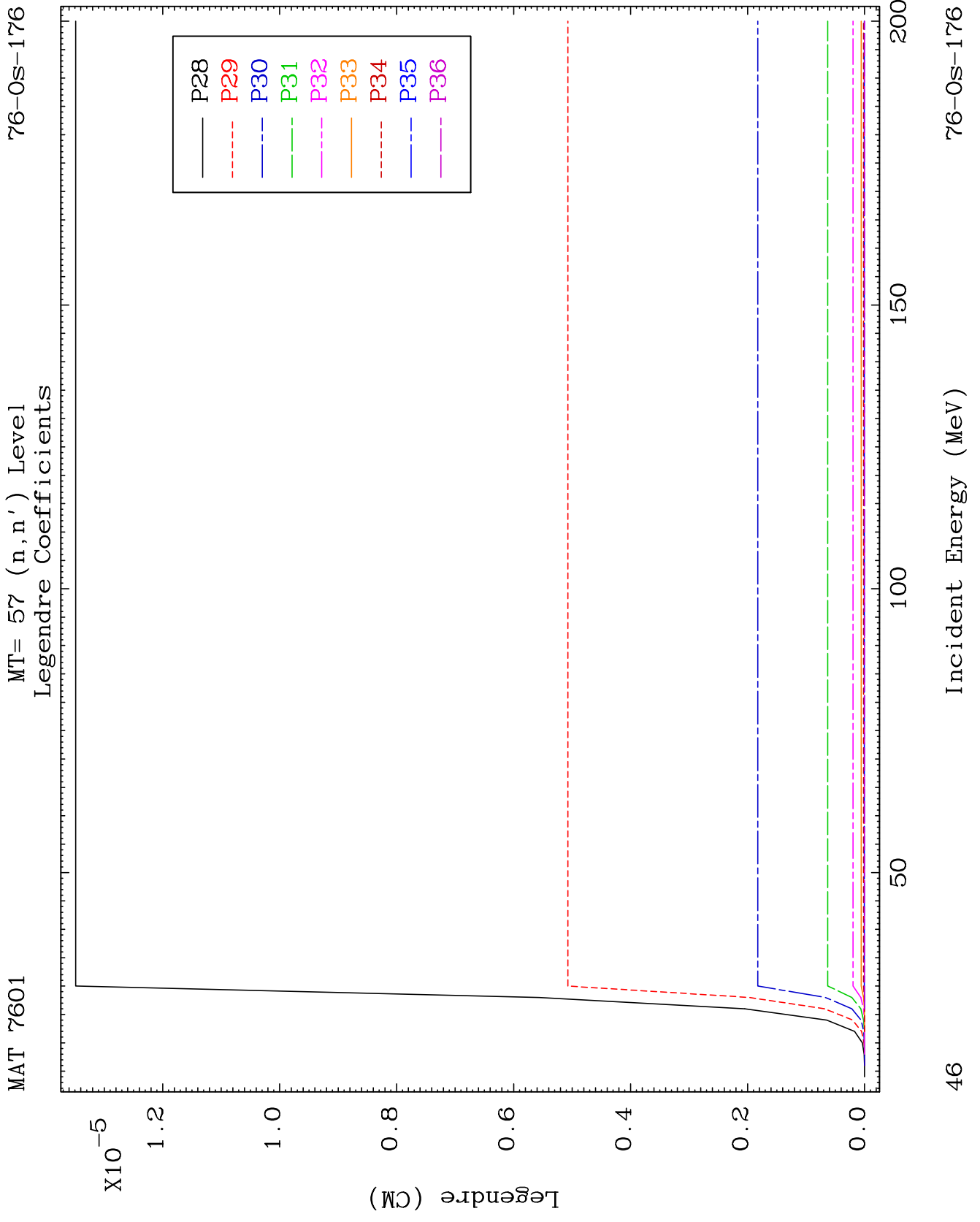


44

Incident Energy (MeV)

76-Os-176

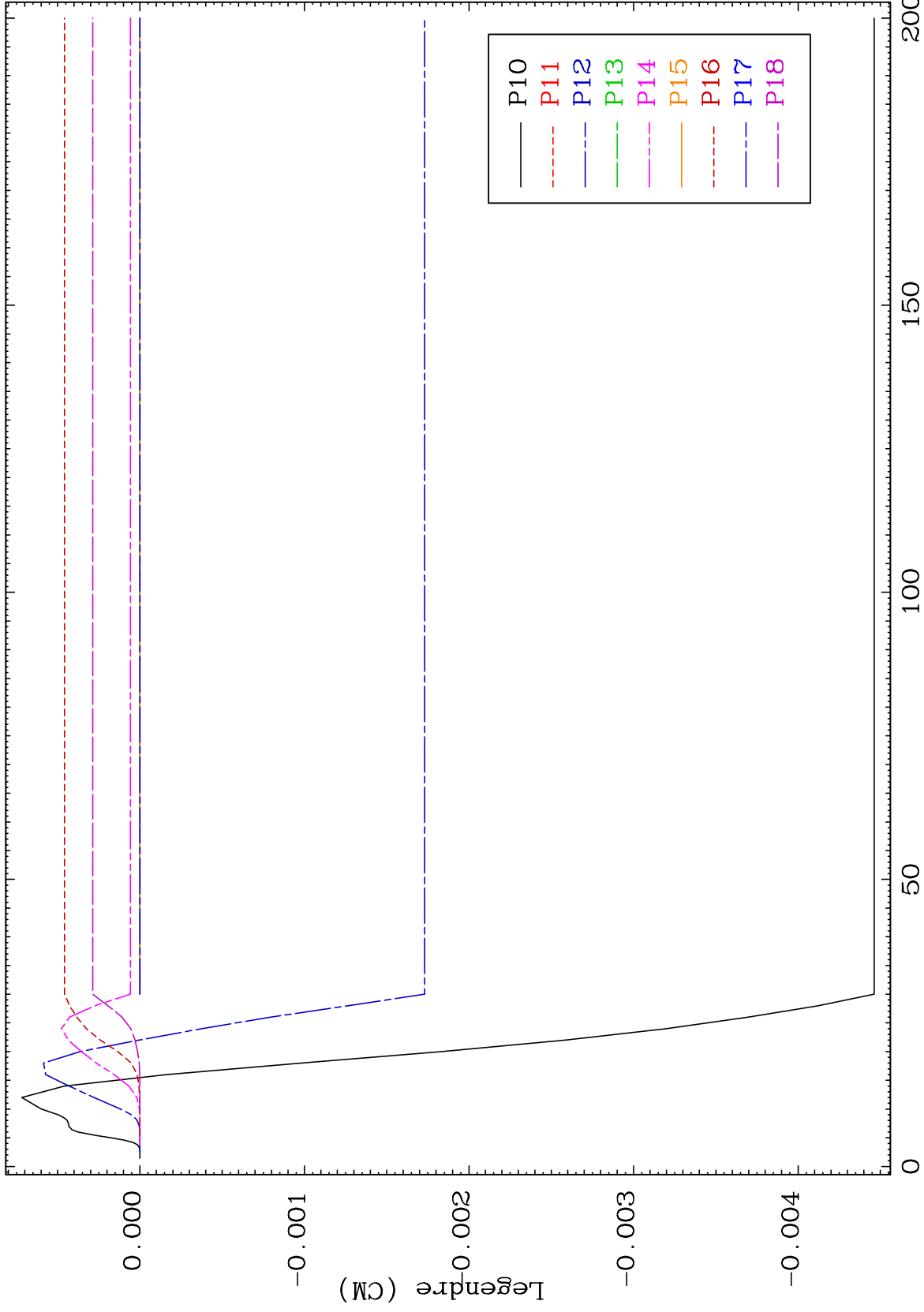




MAT 7601

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

76-Os-176



48

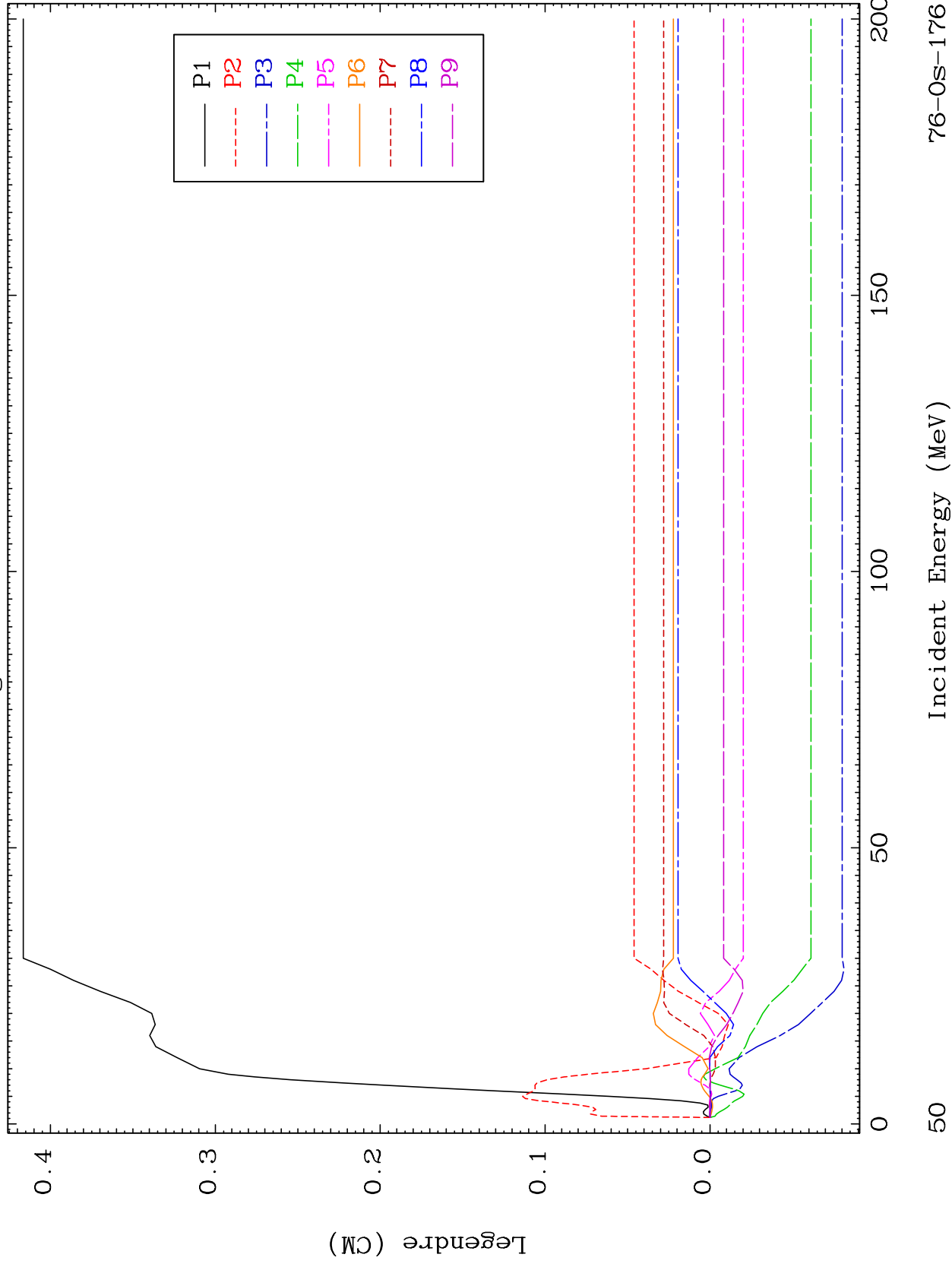
Incident Energy (MeV)

76-Os-176

MAT 7601

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

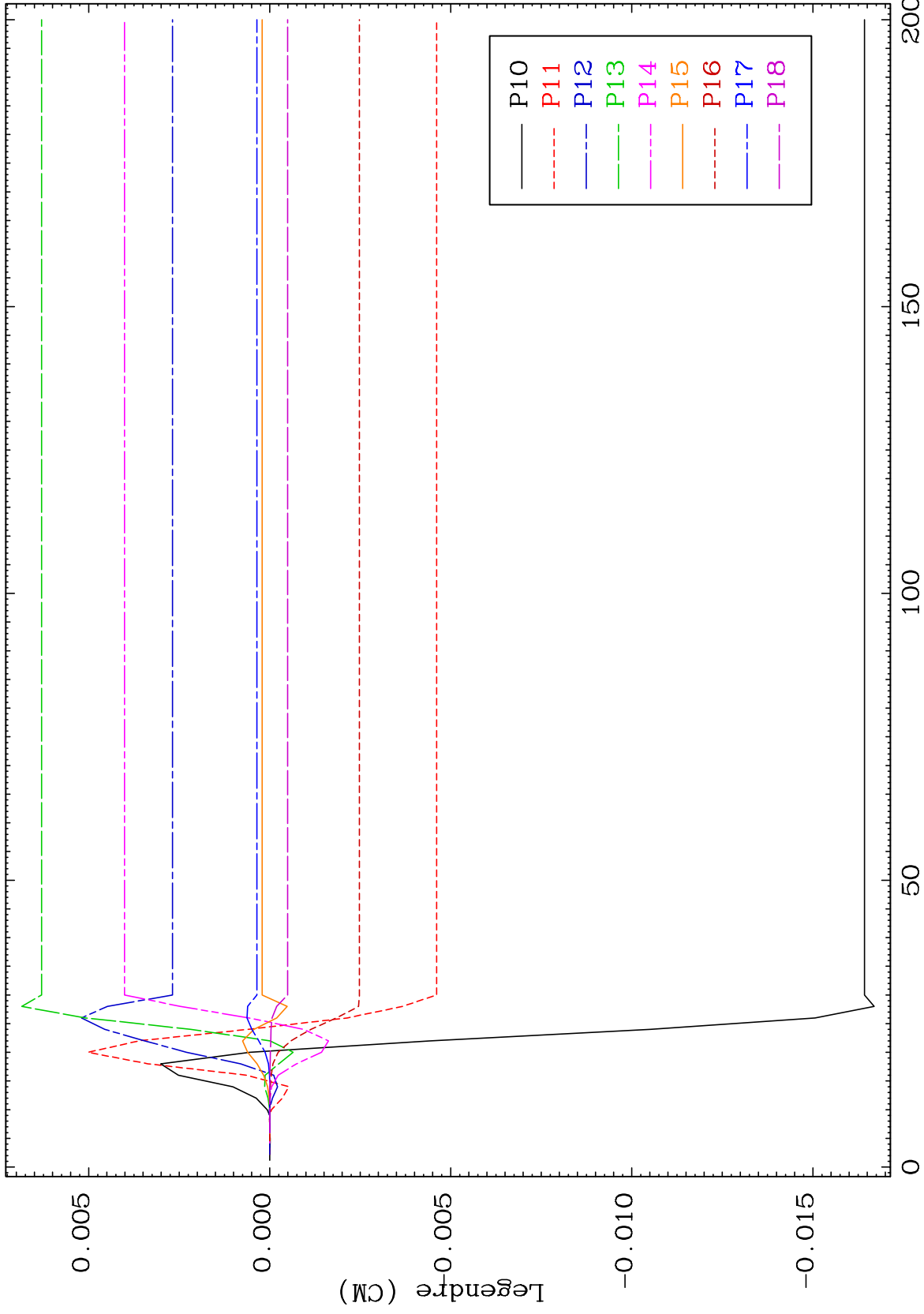
76-Os-176



MAT 7601

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

76-0s-176



51

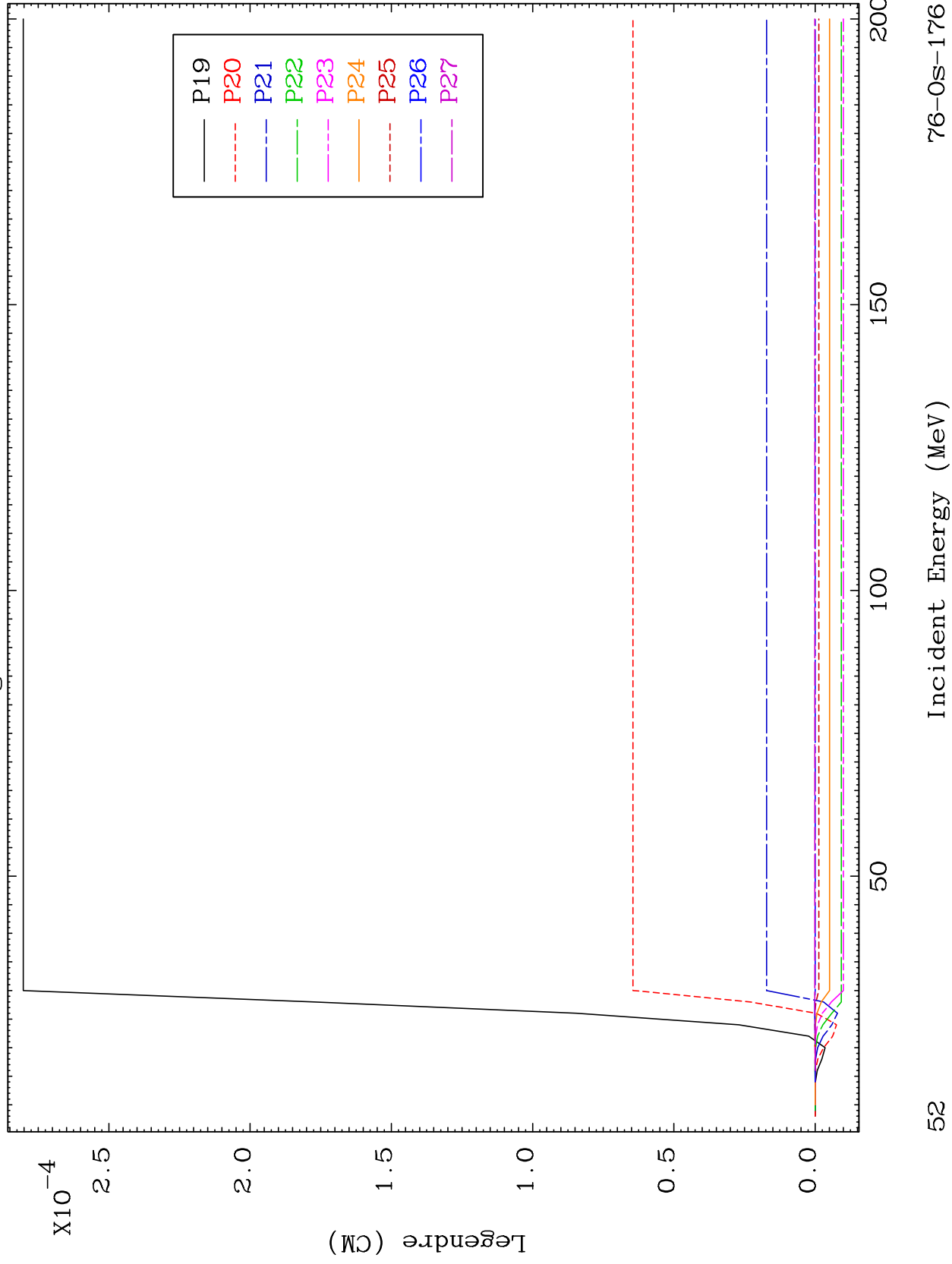
Incident Energy (MeV)

76-0s-176

MAT 7601

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

76-Os-176



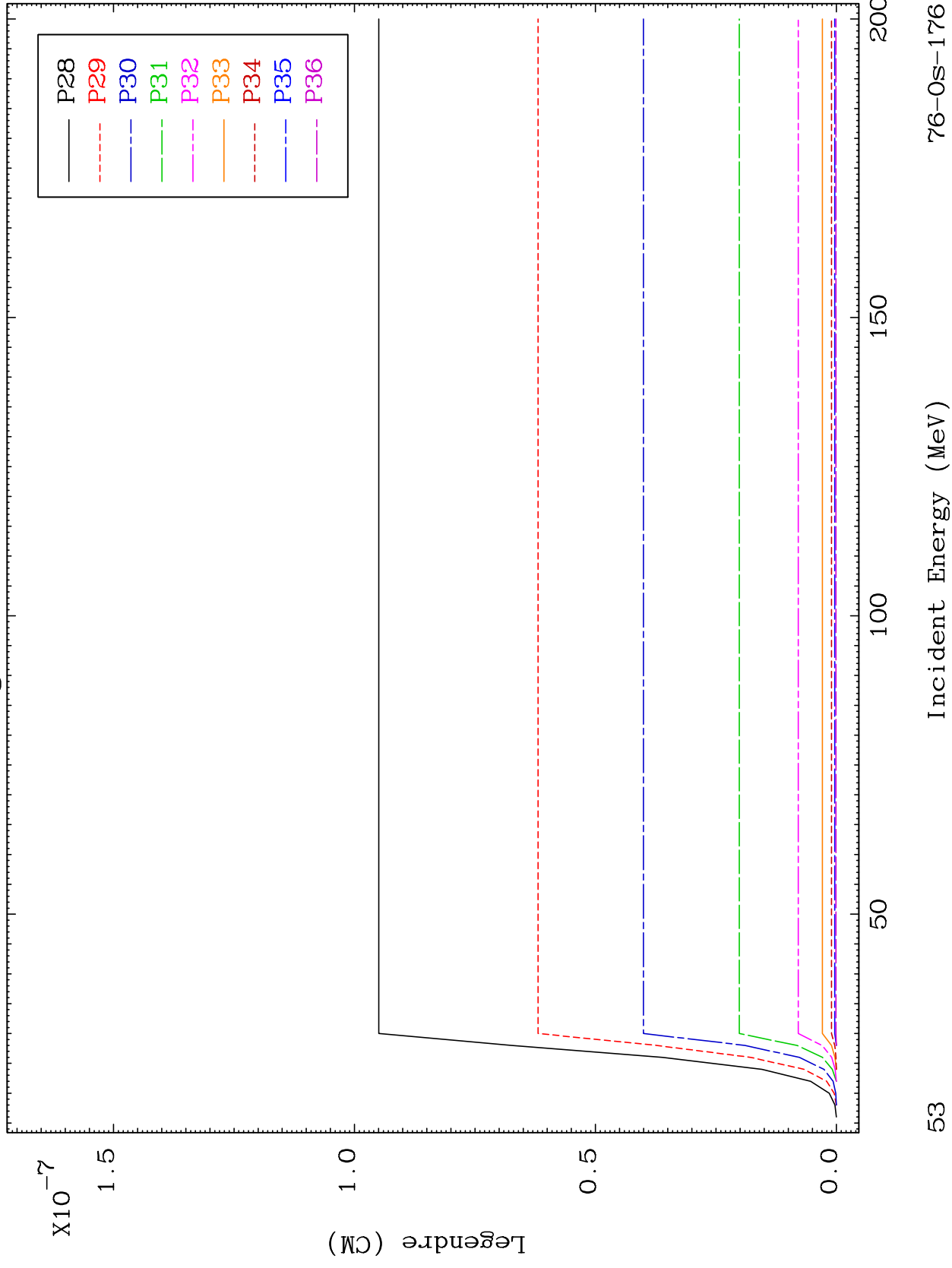
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76-Os-176

MAT 7601

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

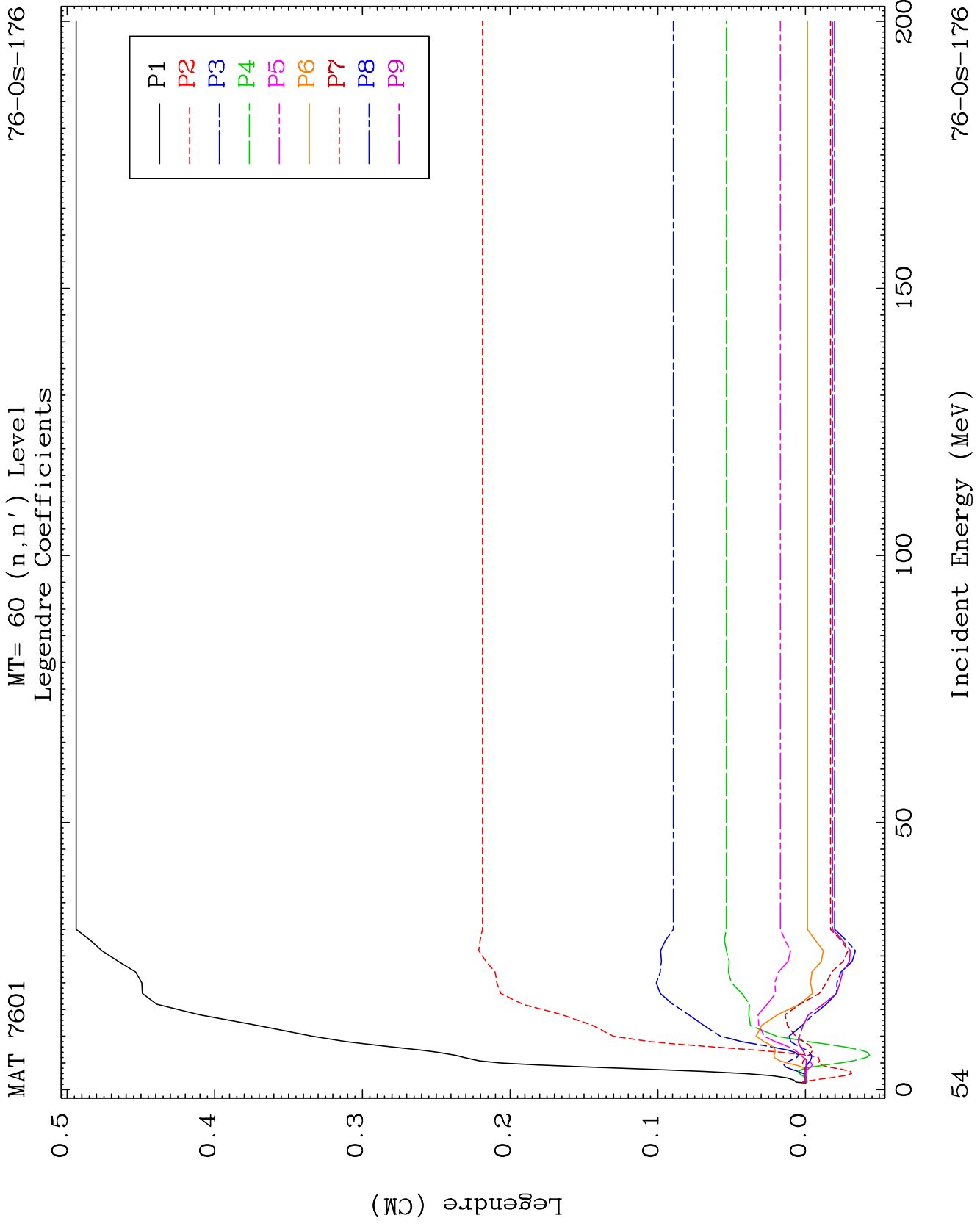
76-Os-176



53

Incident Energy (MeV)

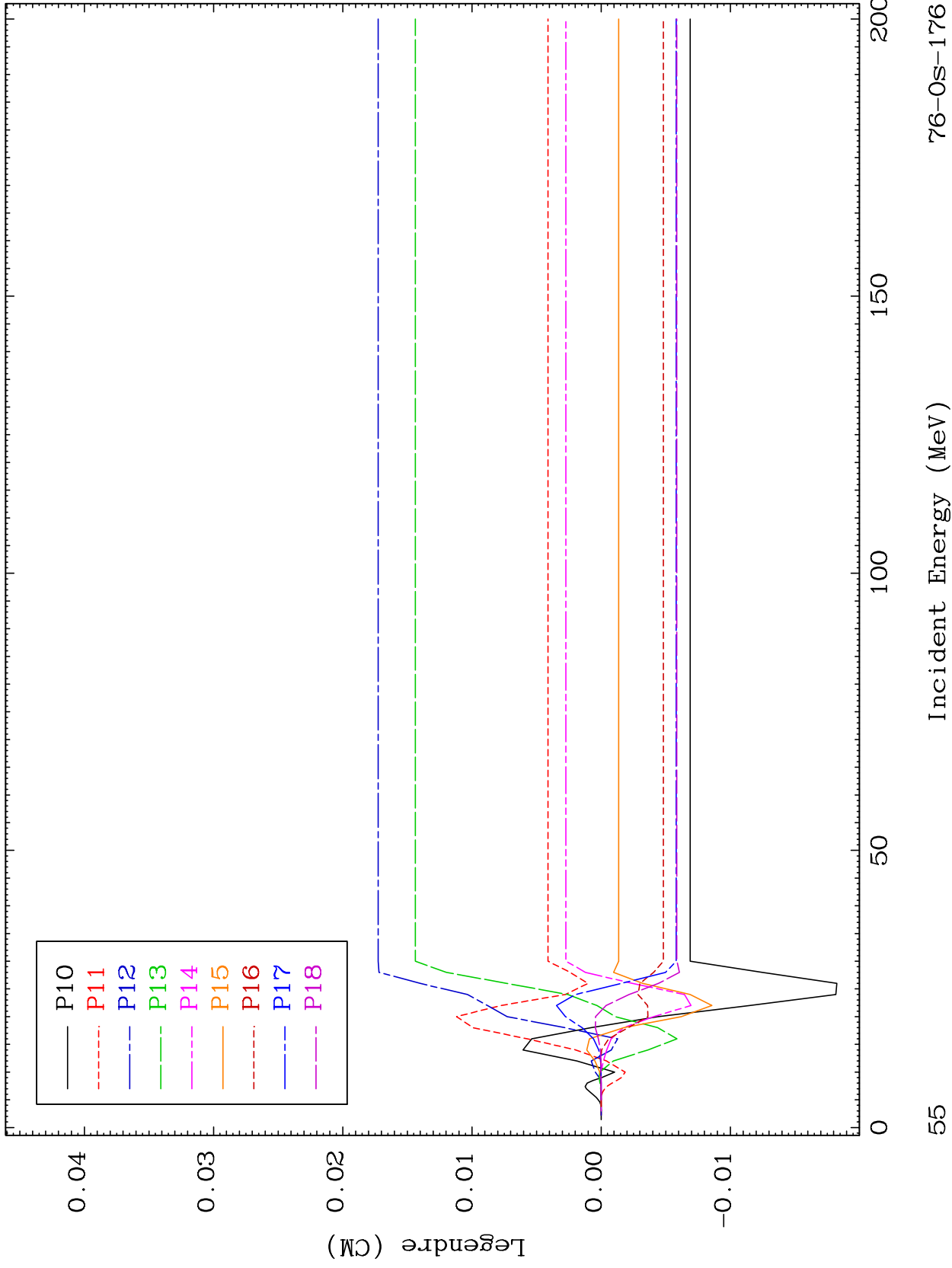
76-Os-176



MAT 7601

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

76-Os-176



55

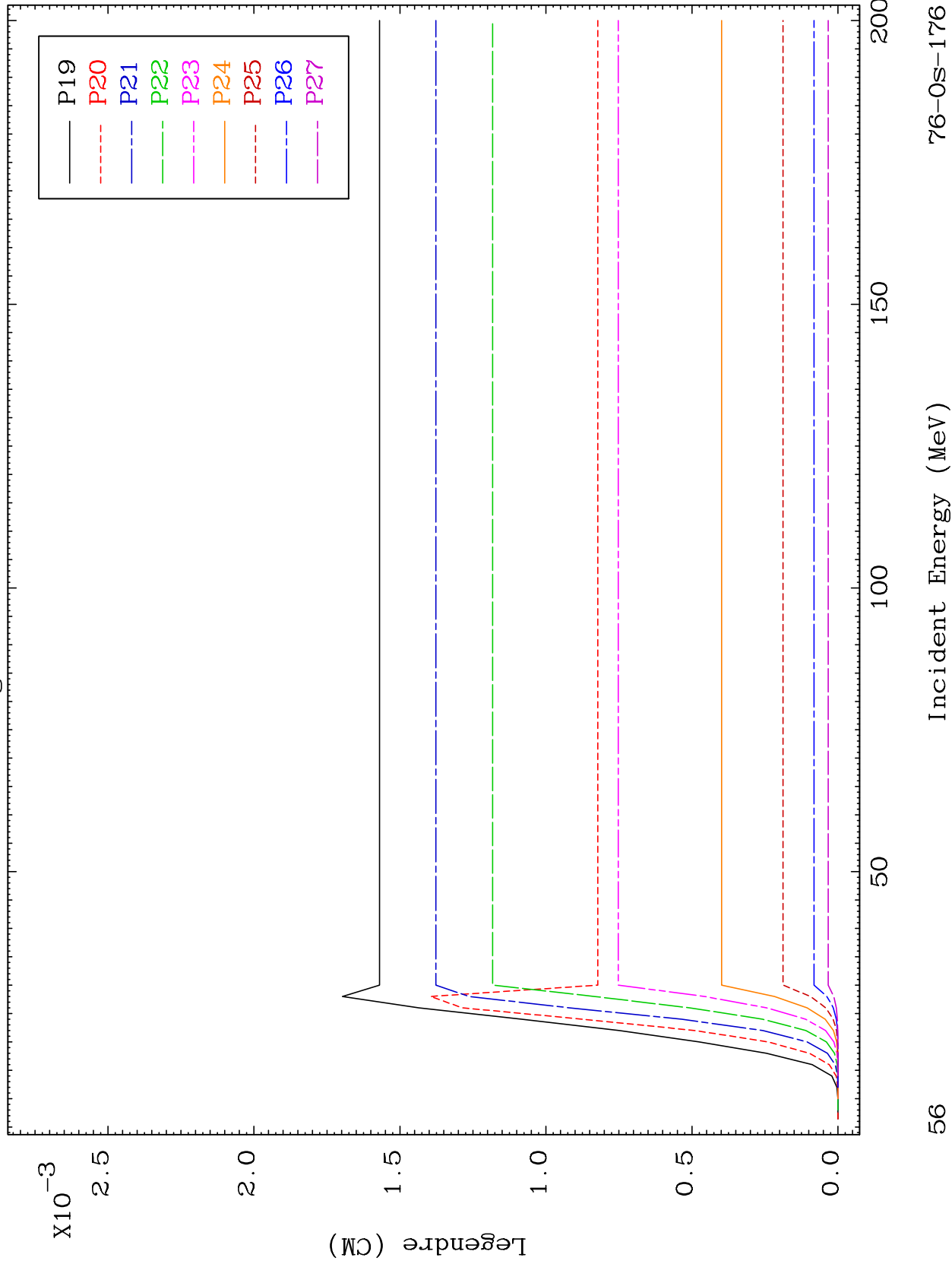
Incident Energy (MeV)

76-Os-176

MAT 7601

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

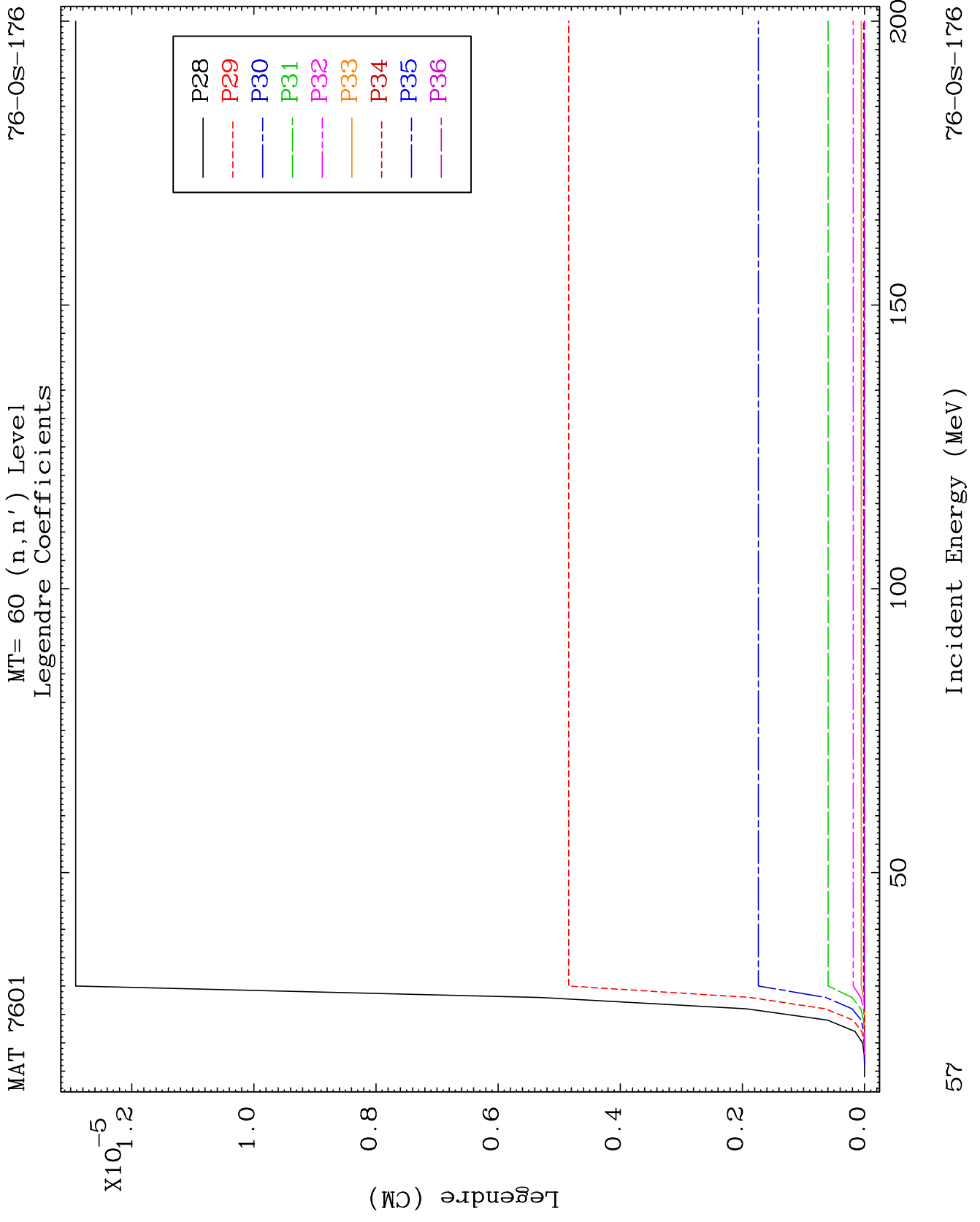
76-Os-176

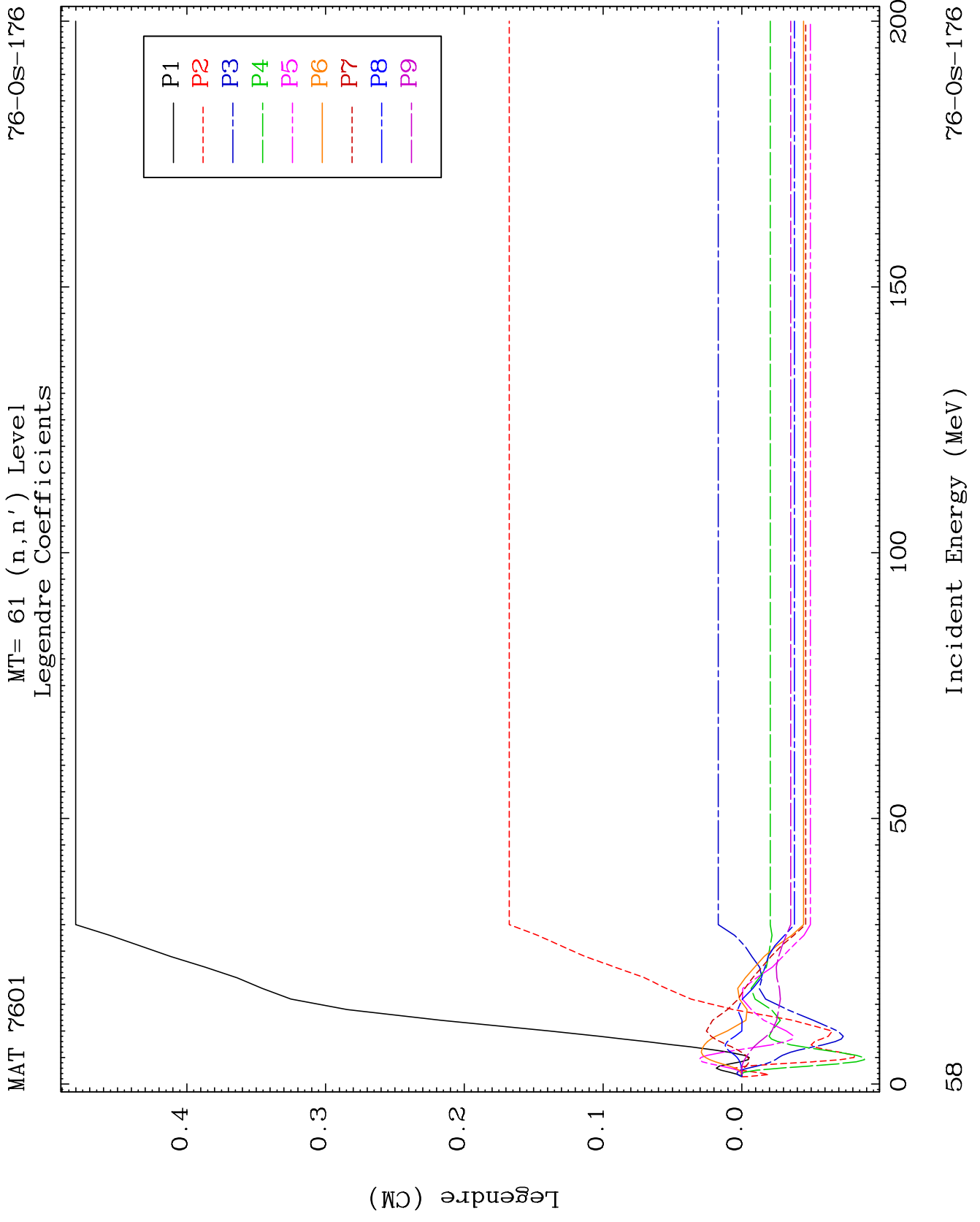


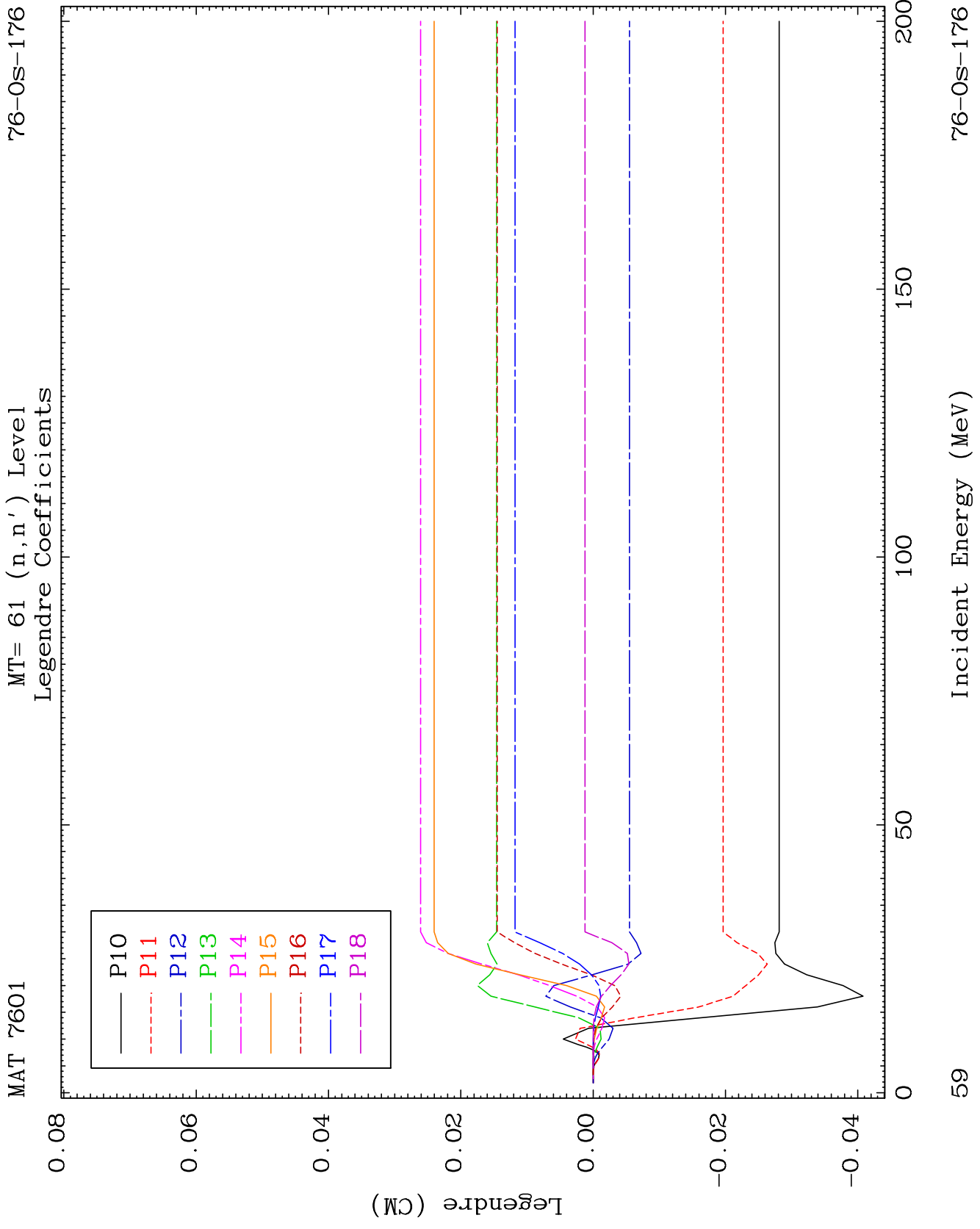
56

Incident Energy (MeV)

76-Os-176



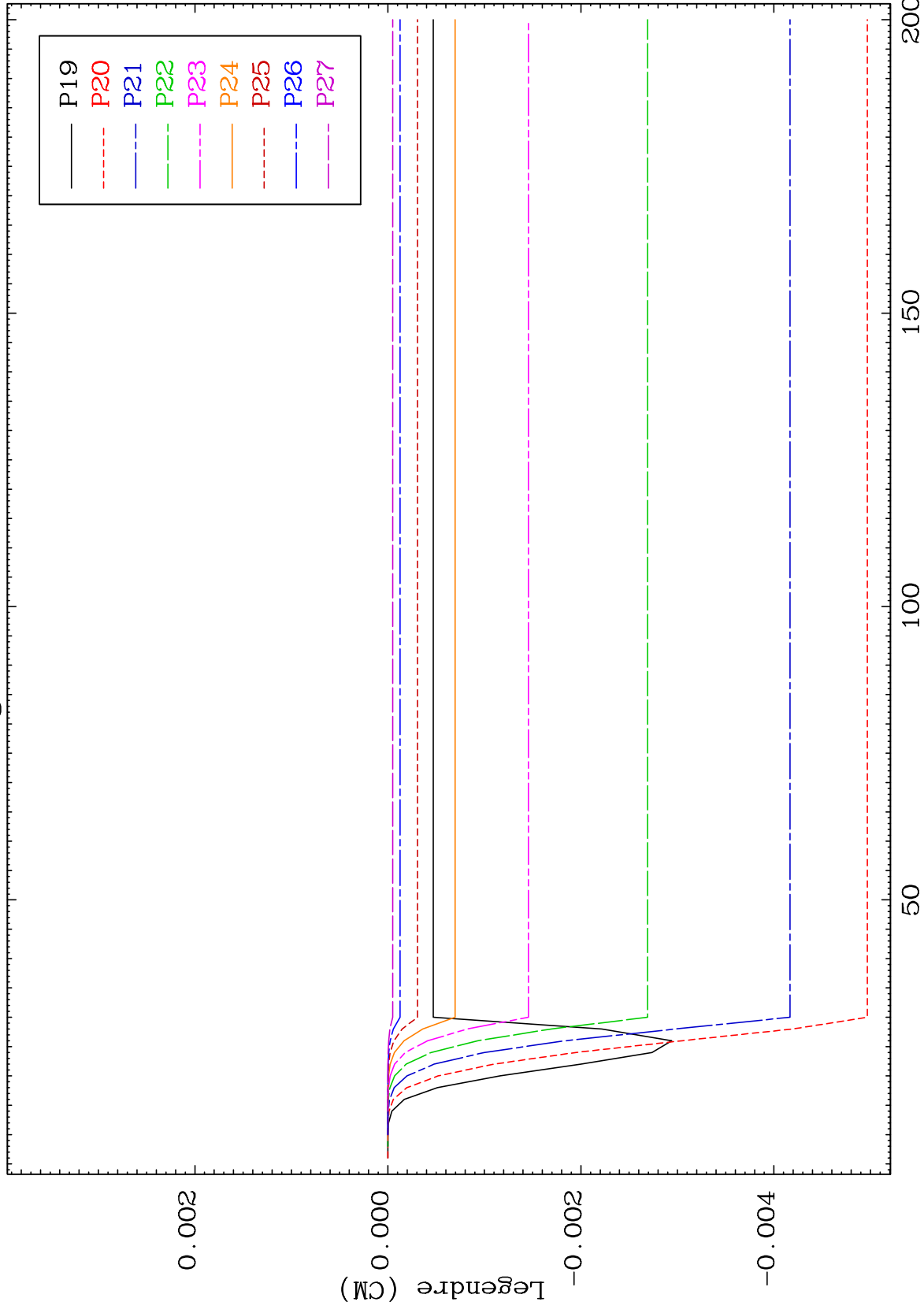




MAT 7601

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

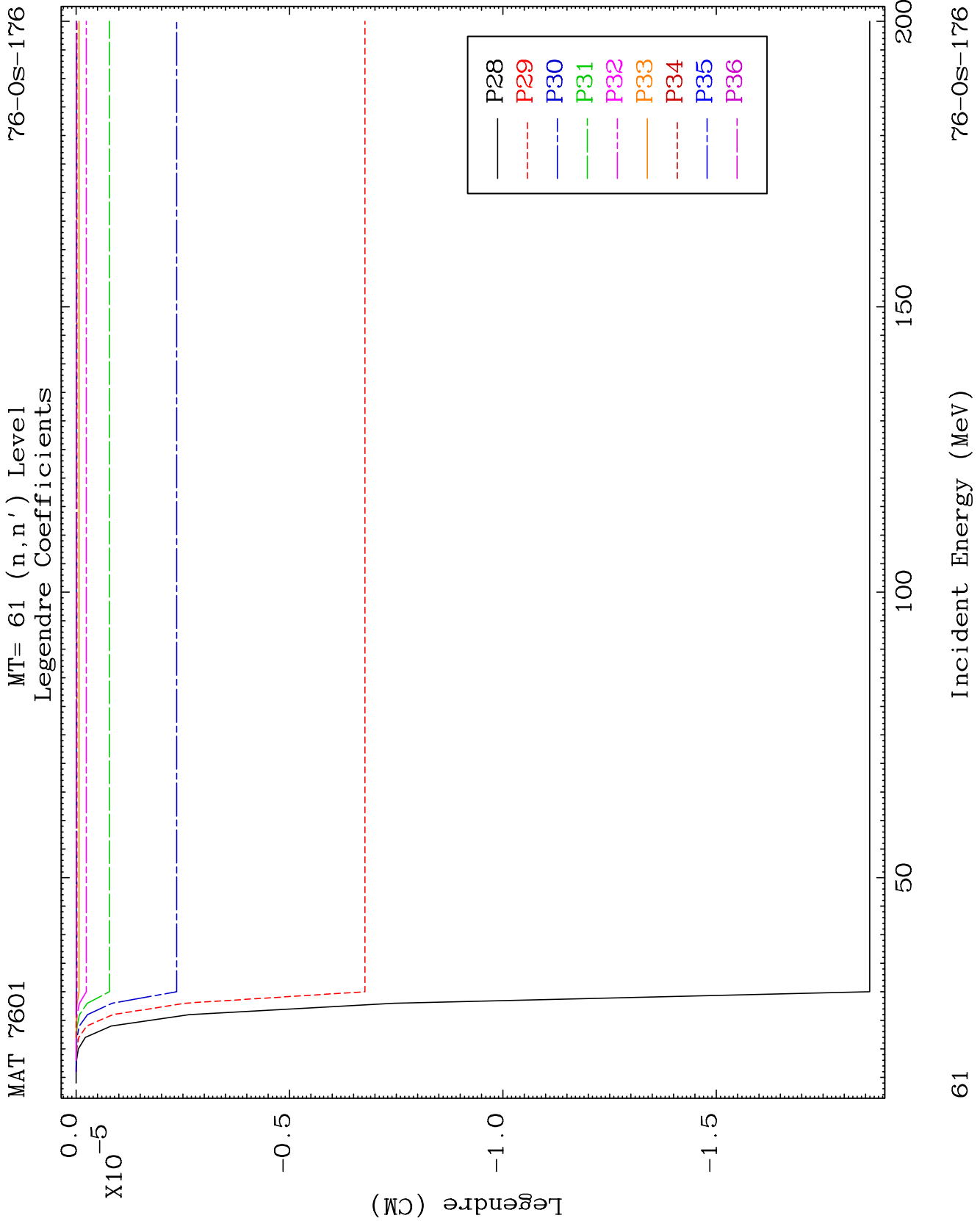
76-Os-176

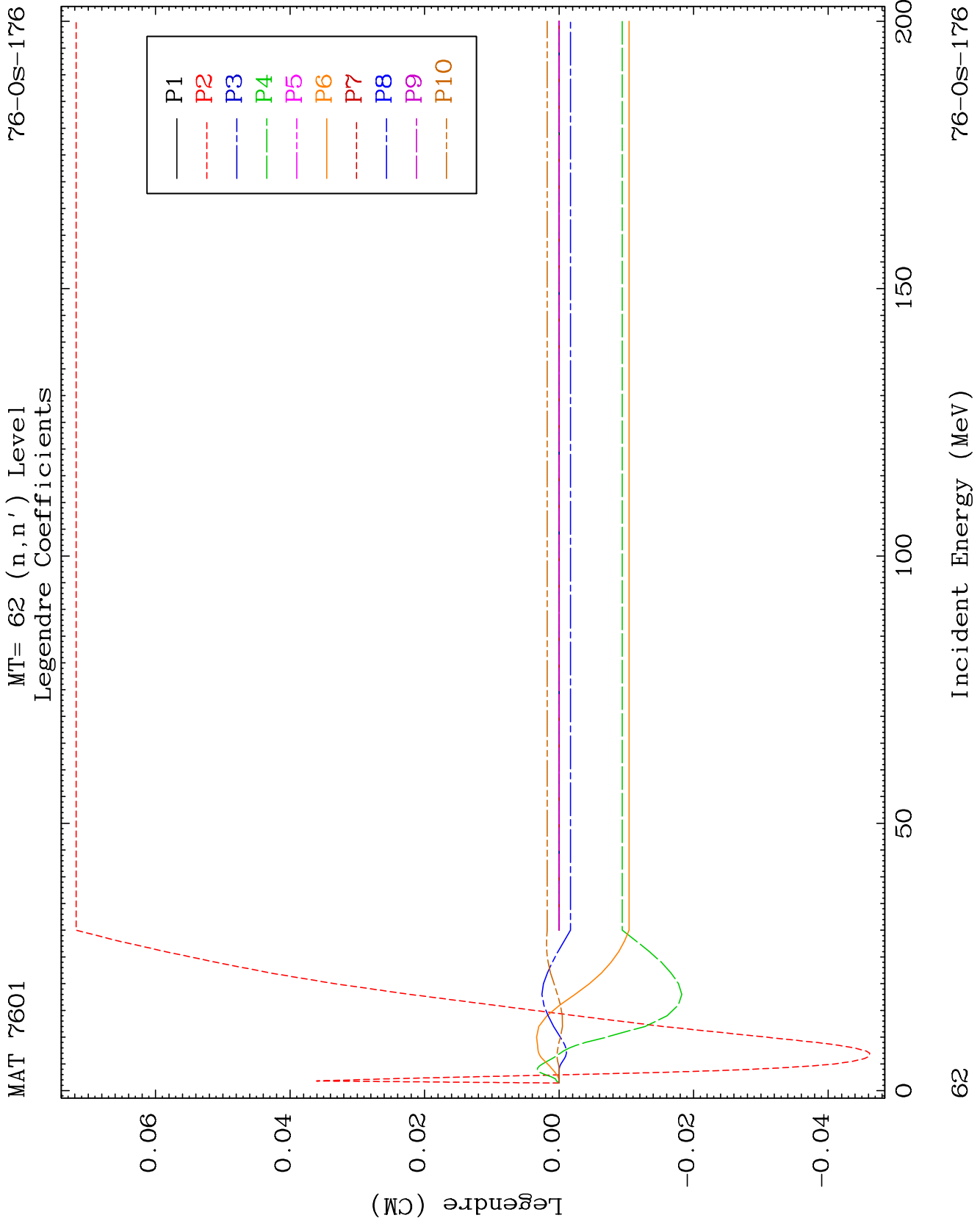


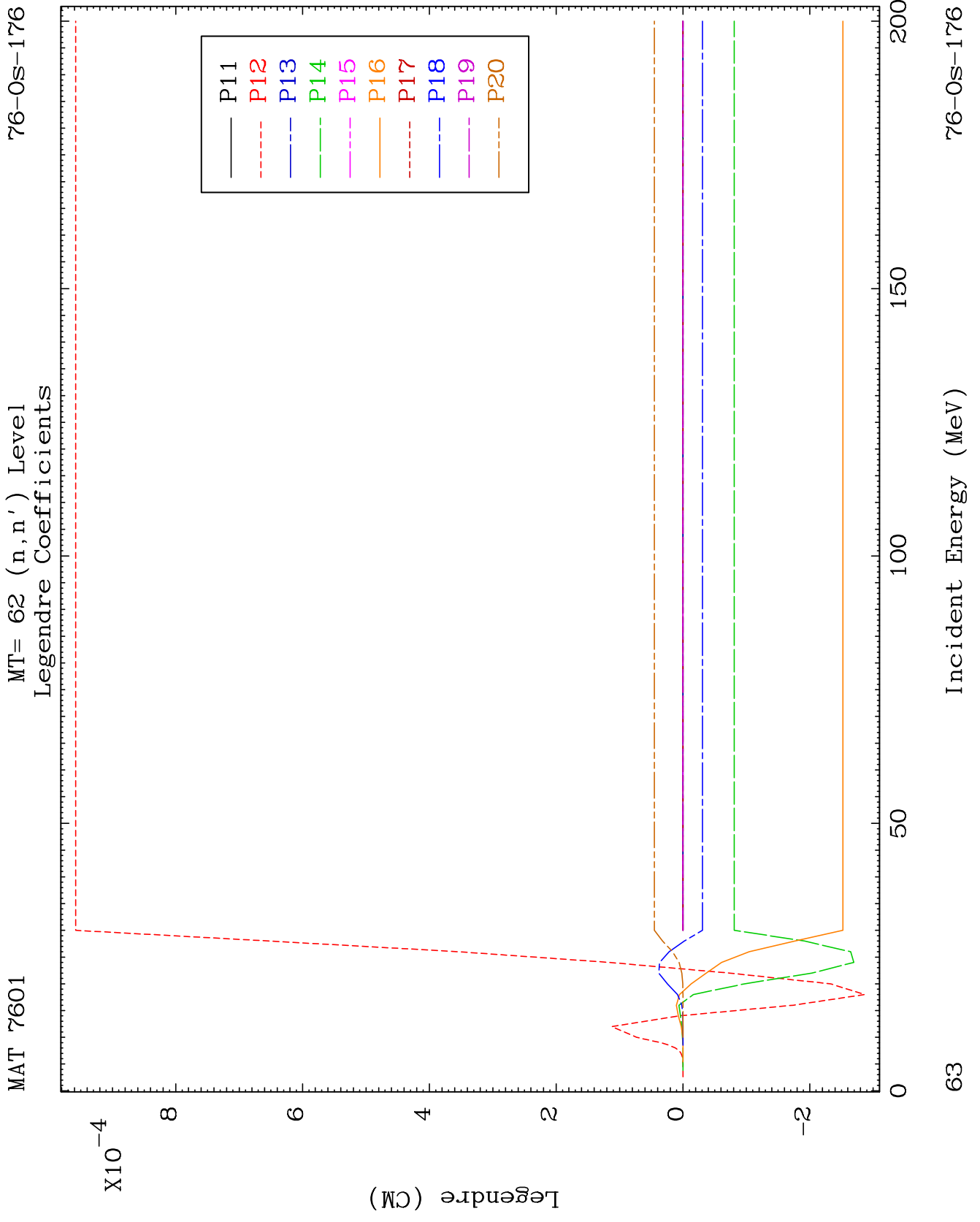
60

Incident Energy (MeV)

76-Os-176



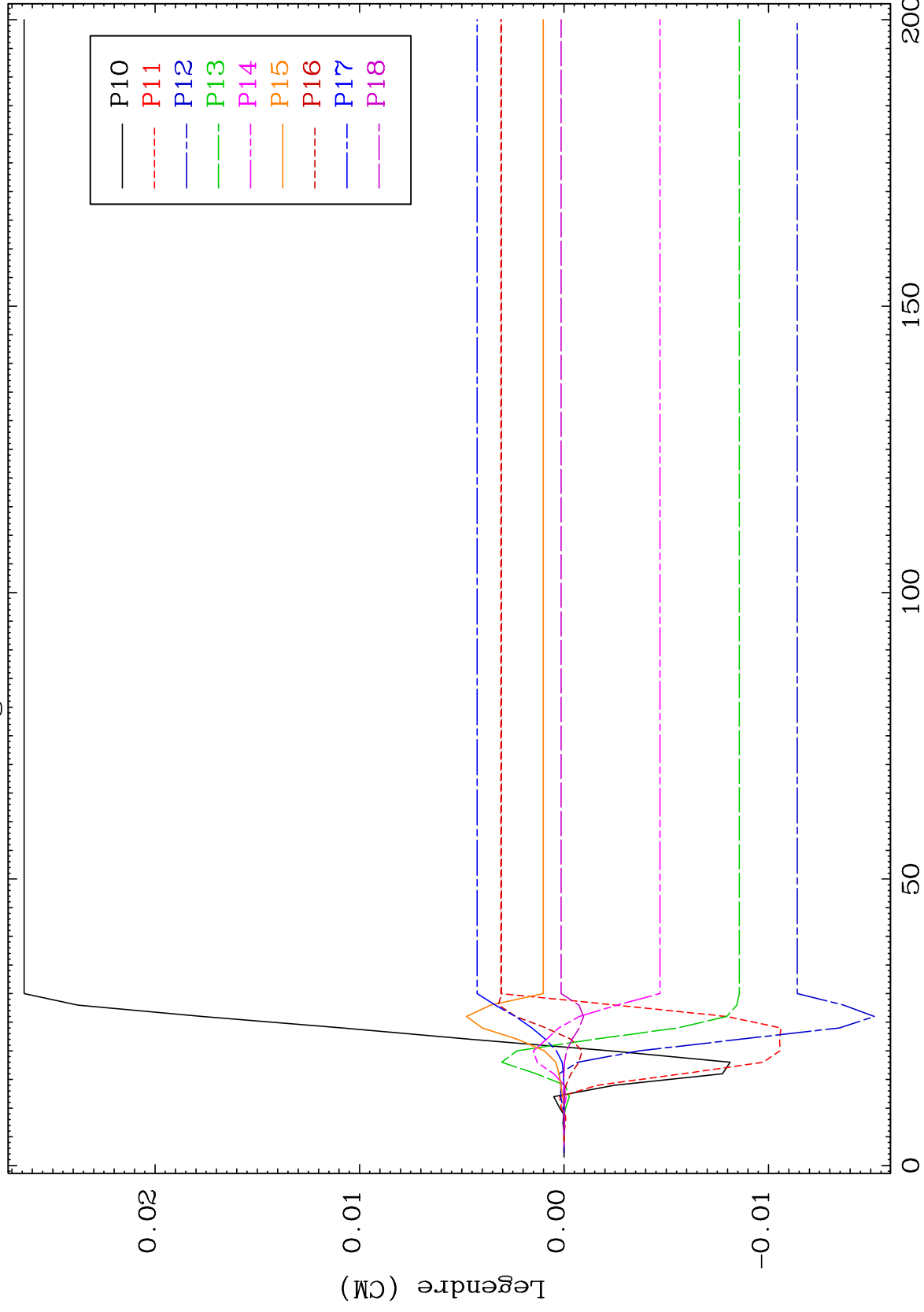




MAT 7601

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

76-Os-176



66

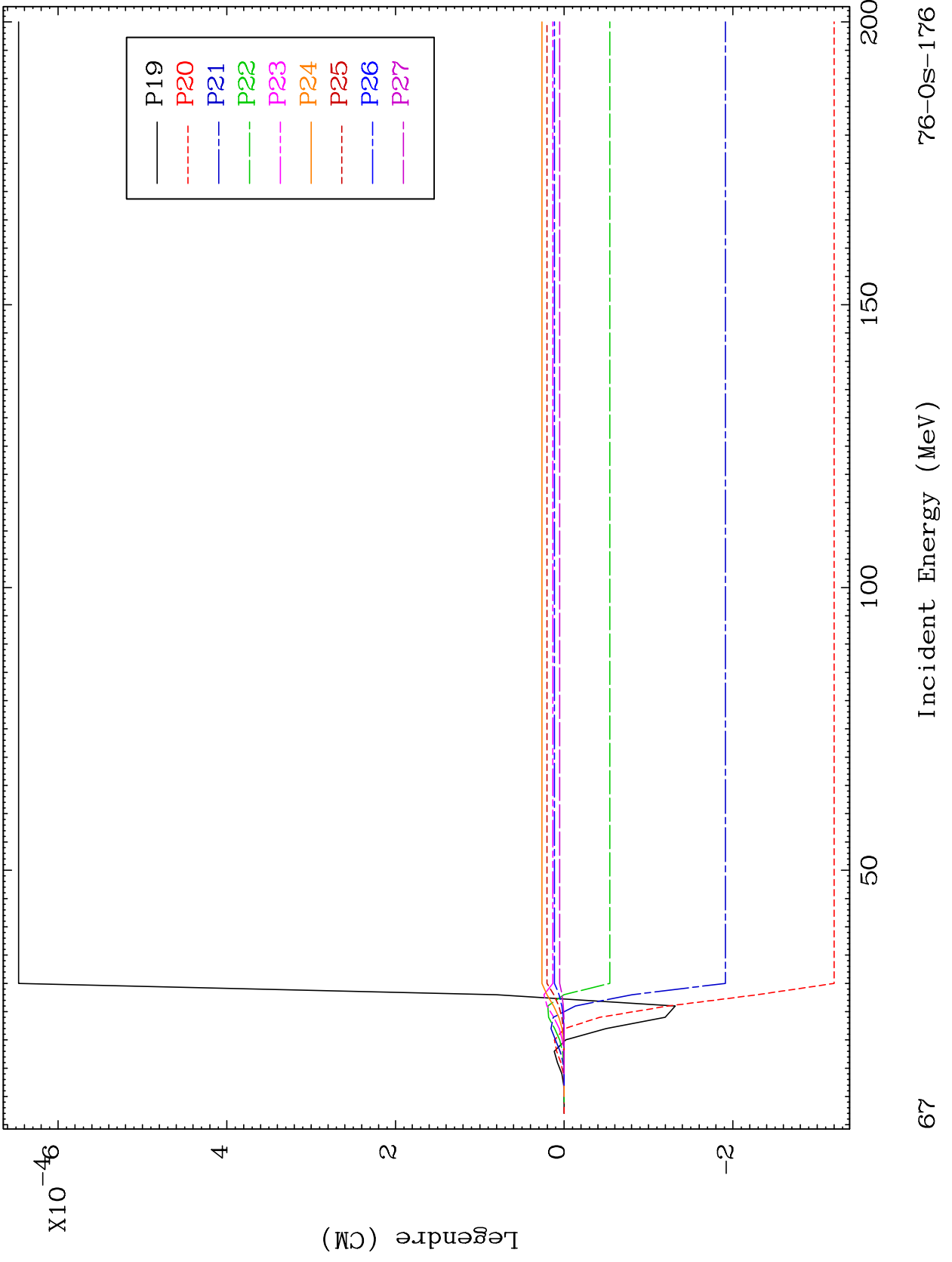
Incident Energy (MeV)

76-Os-176

MAT 7601

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

76-Os-176



67

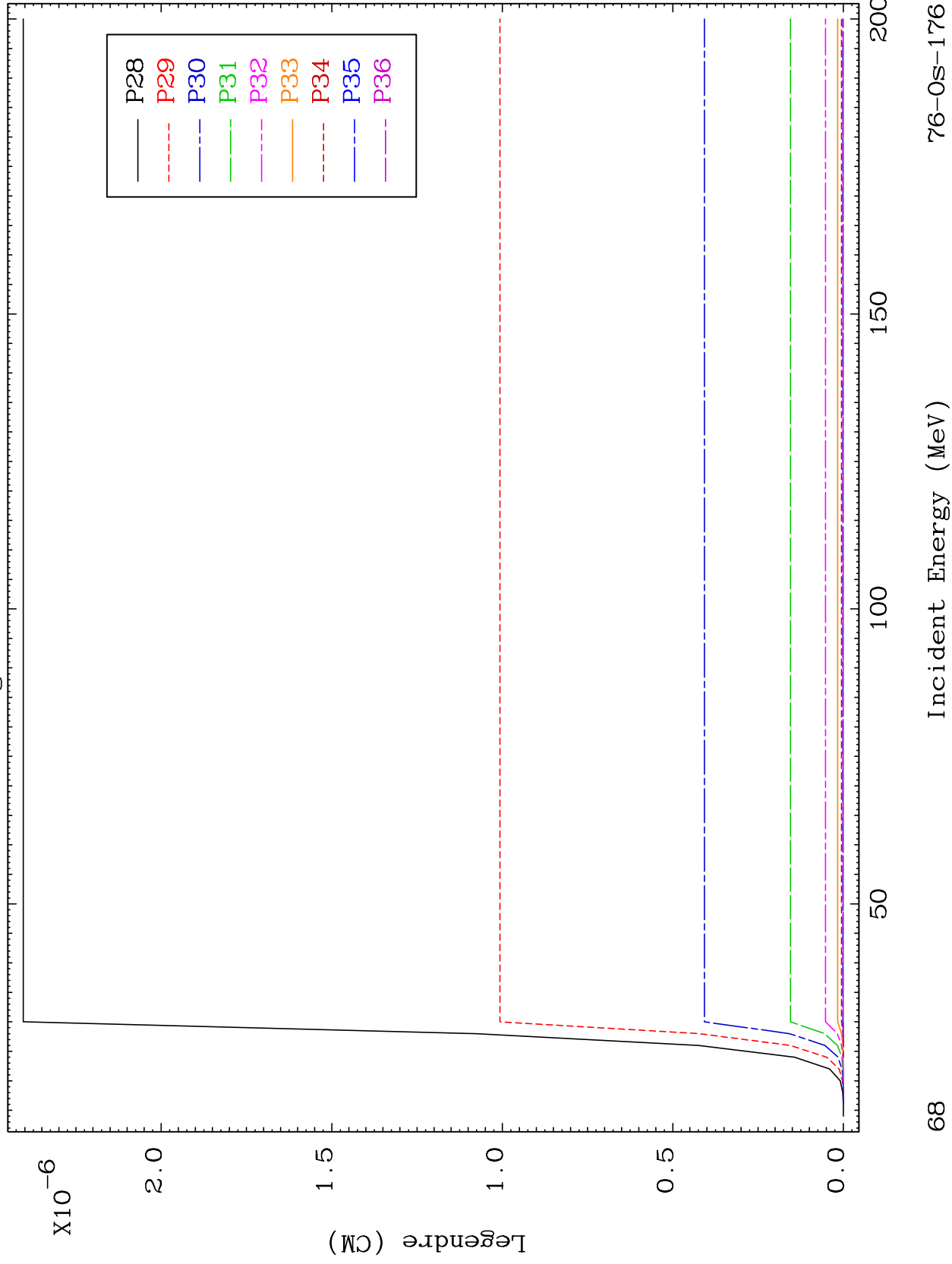
Incident Energy (MeV)

76-Os-176

MAT 7601

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

76-Os-176



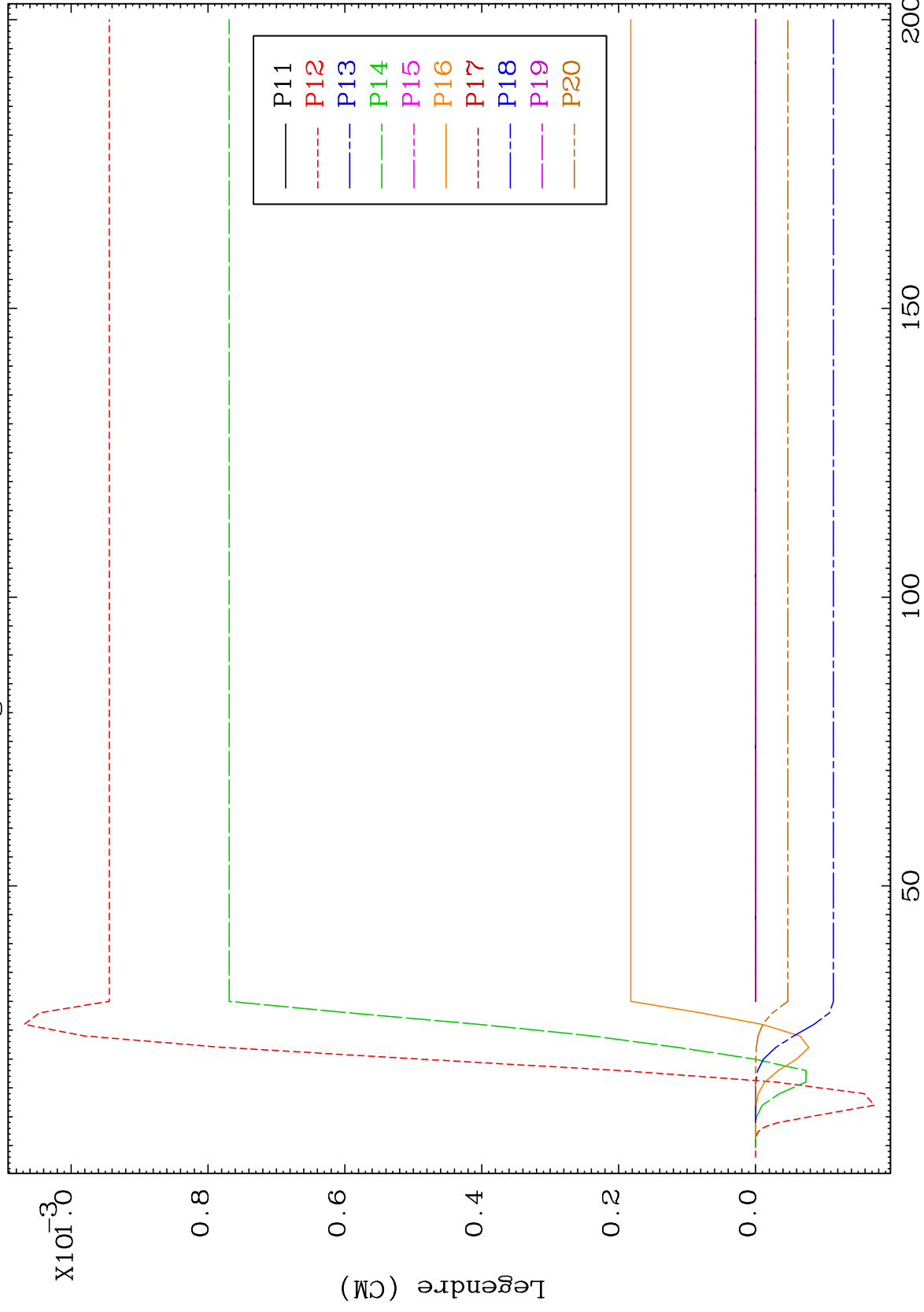
68

76-Os-176

MAT 7601

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

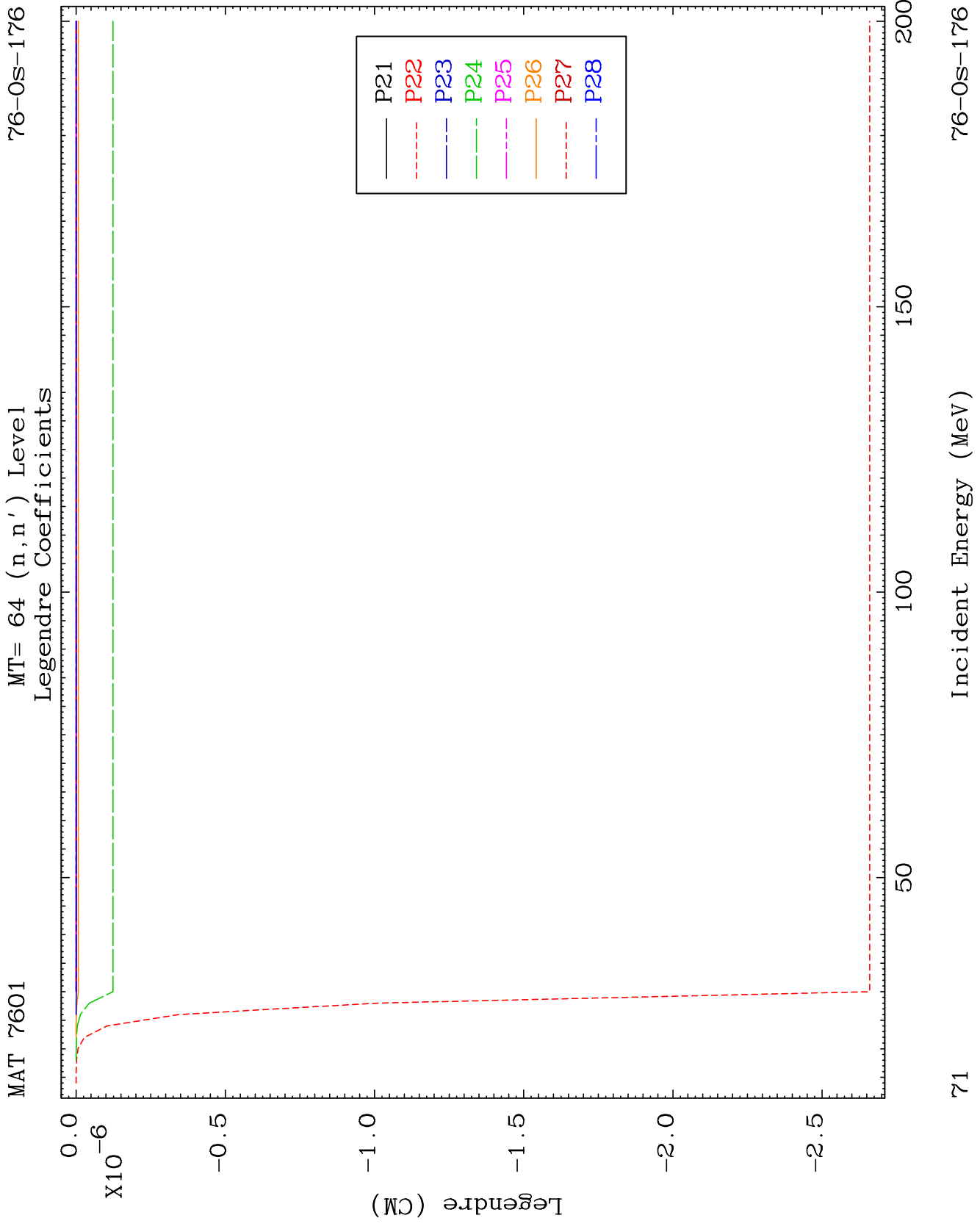
76-Os-176



70

Incident Energy (MeV)

76-Os-176

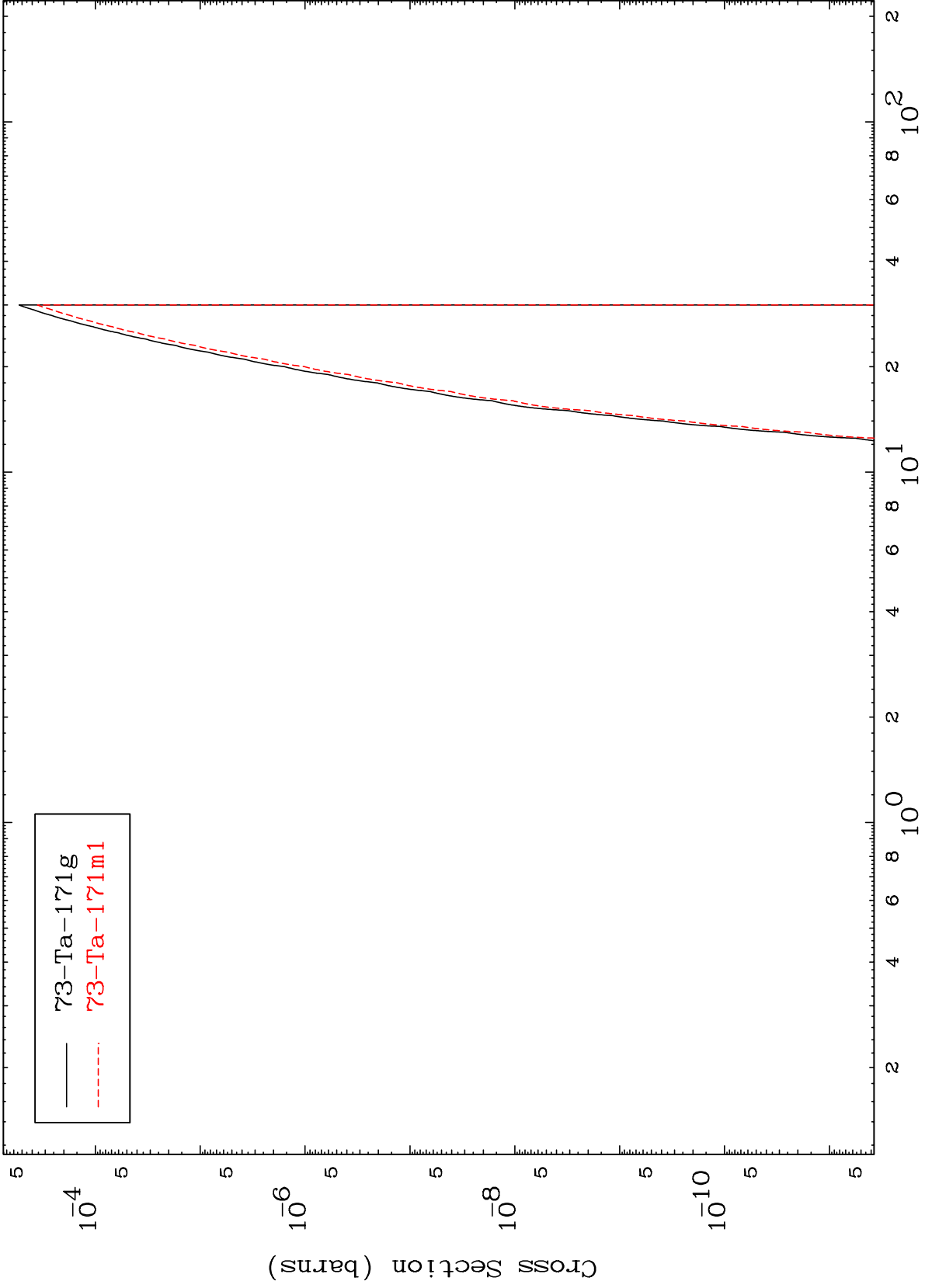


MAT 7601

(n,n') p α

76-Os-176

Radionuclide Production Cross Section



72

Incident Energy (MeV)

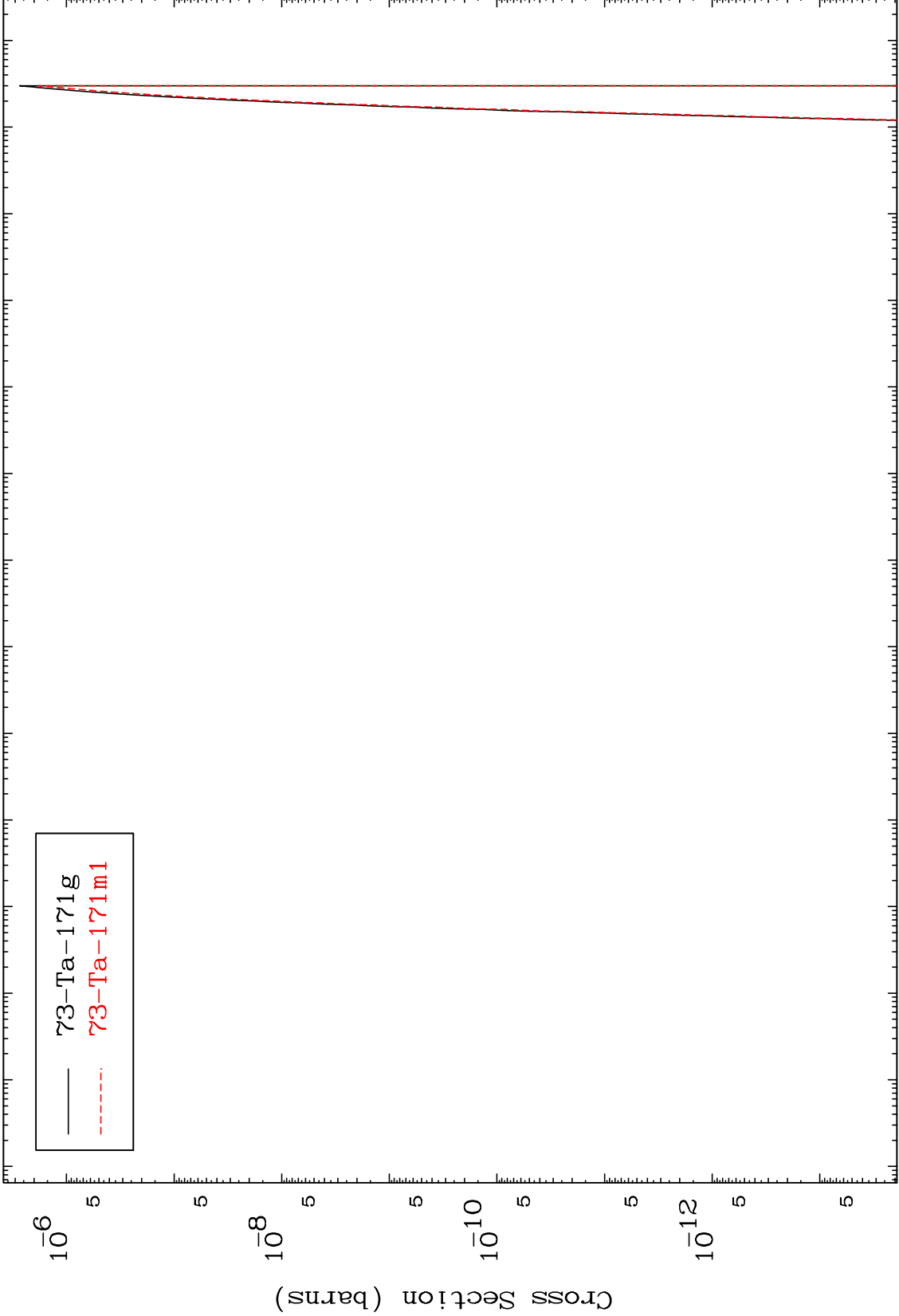
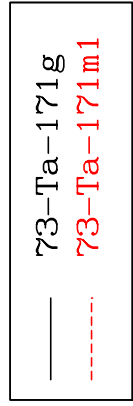
76-Os-176

MAT 7601

(n,d) α

76-Os-176

Radionuclide Production Cross Section



10⁻⁶ 5 10⁻⁸ 5 10⁻¹⁰ 5 10⁻¹² 5

Incident Energy (MeV)

76-Os-176

73