

Program EVALPLOT
(Version 2021-1)

by

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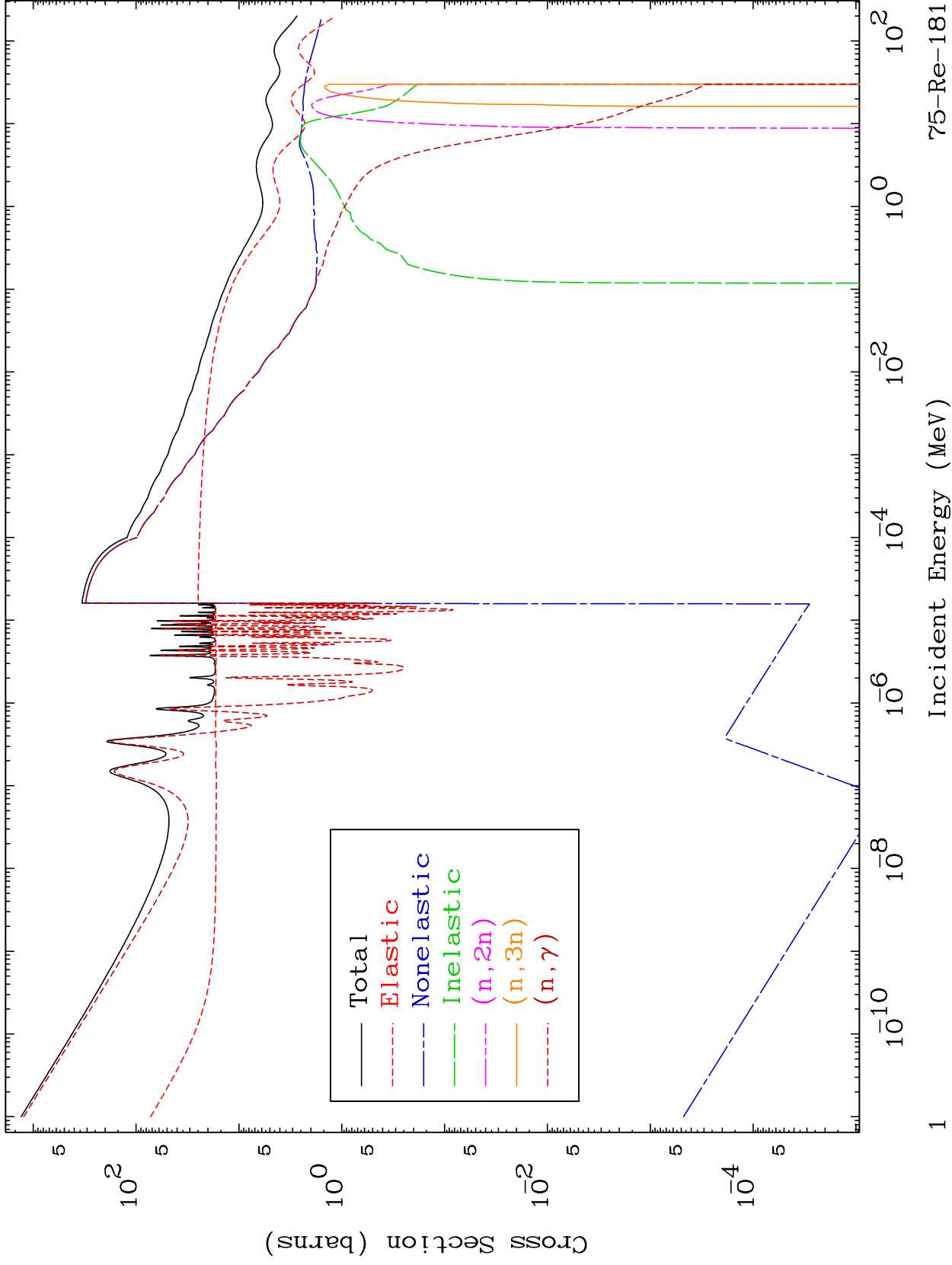
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Press Mouse Button to Start

MAT 7513

Neutron Major
293 Kelvin Cross Sections

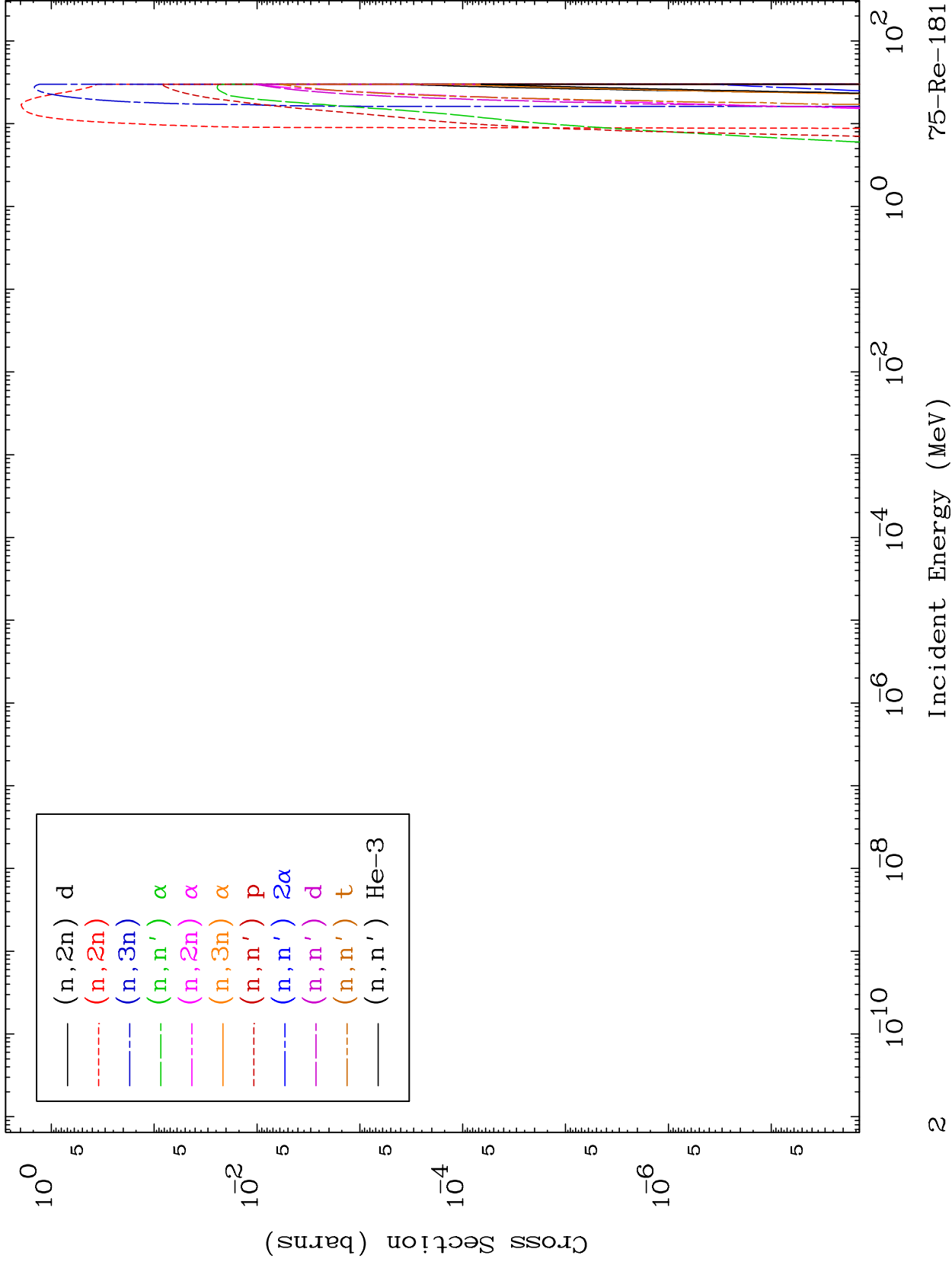
75-Re-181



MAT 7513

Neutron Absorption
293 Kelvin Cross Sections

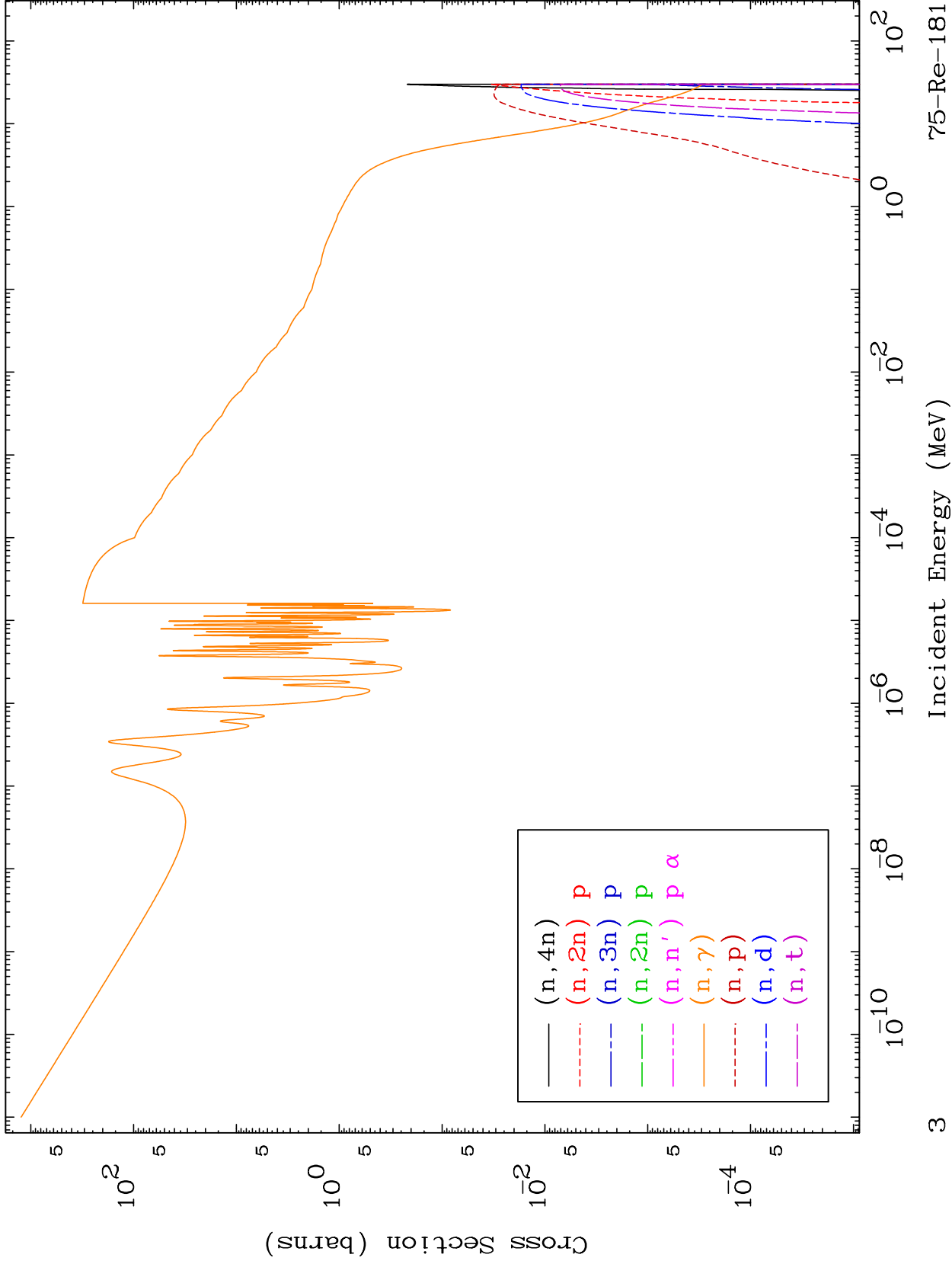
75-Re-181



MAT 7513

Neutron Absorption
293 Kelvin Cross Sections

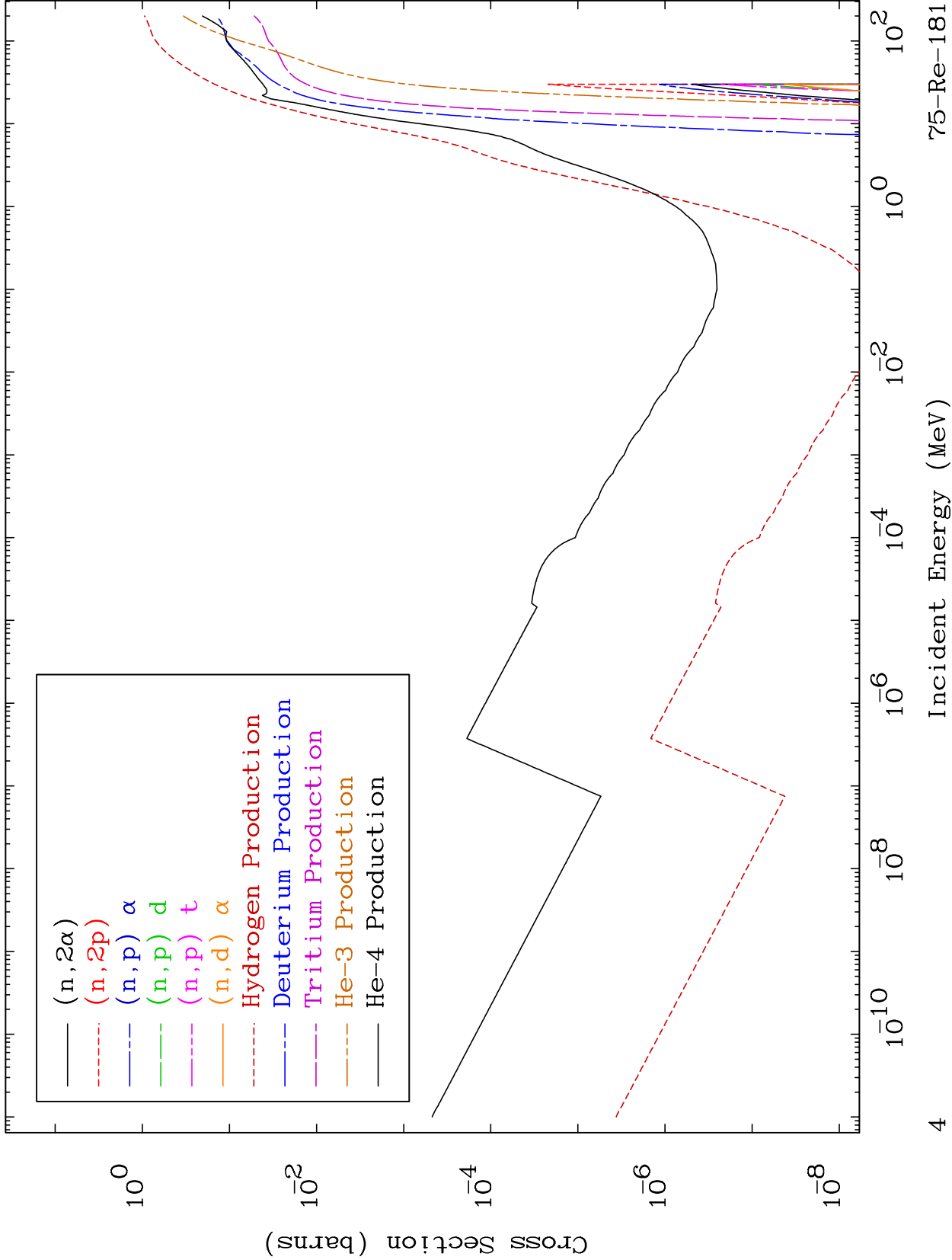
75-Re-181



MAT 7513

Neutron Absorption
293 Kelvin Cross Sections

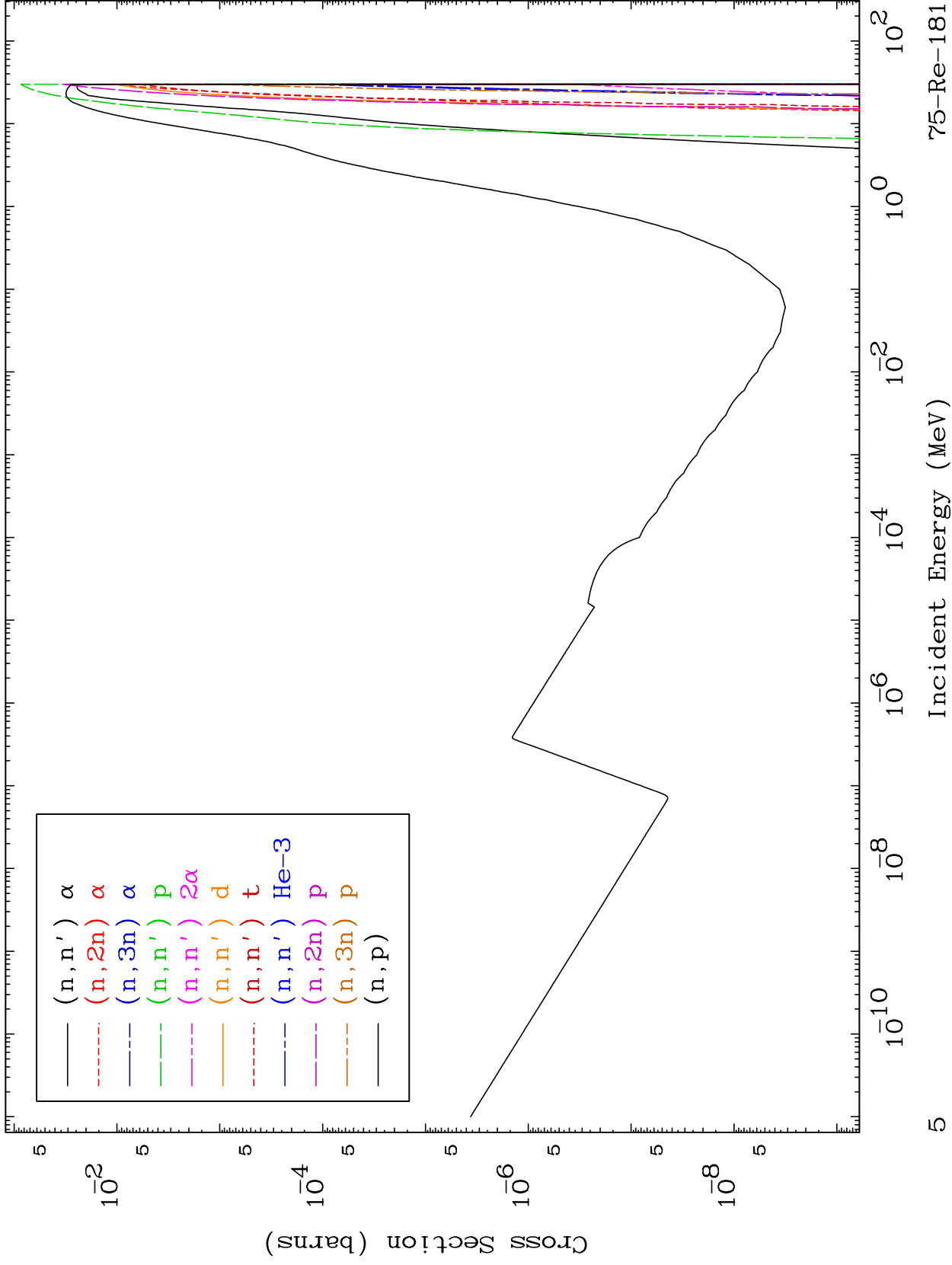
75-Re-181



MAT 7513

Charged Particle
293 Kelvin Cross Sections

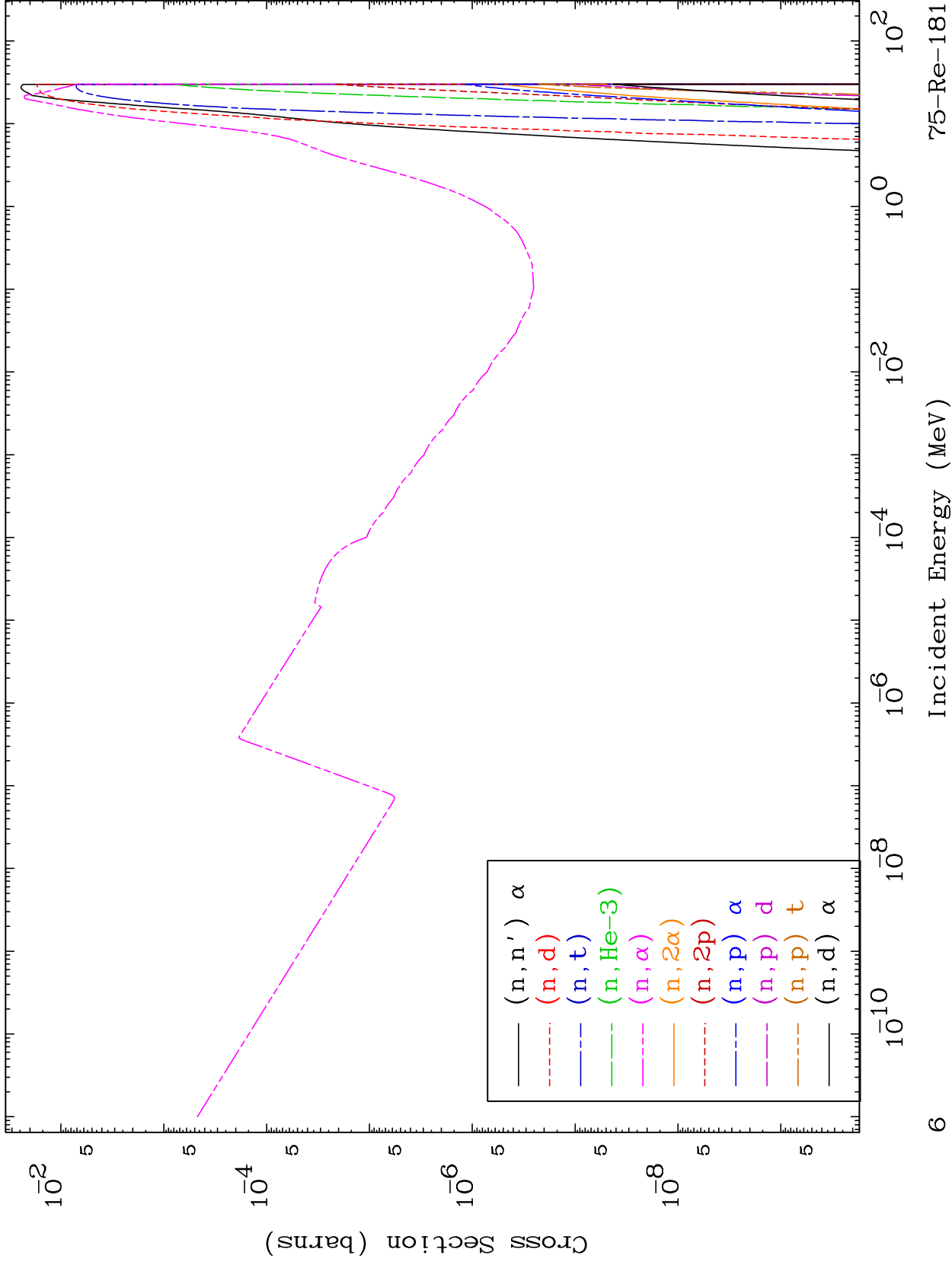
75-Re-181



MAT 7513

Charged Particle
293 Kelvin Cross Sections

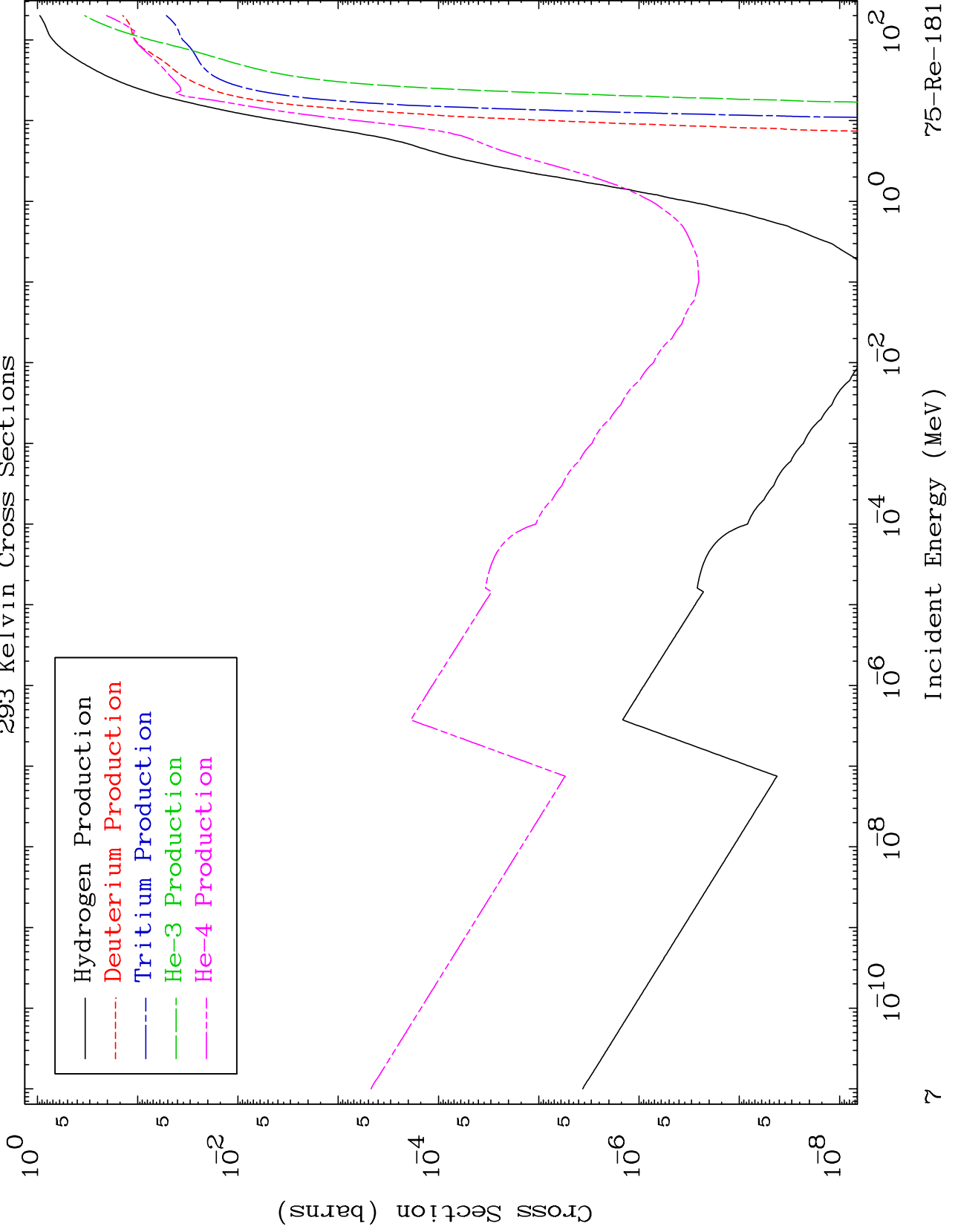
75-Re-181



MAT 7513

Particle Production
293 Kelvin Cross Sections

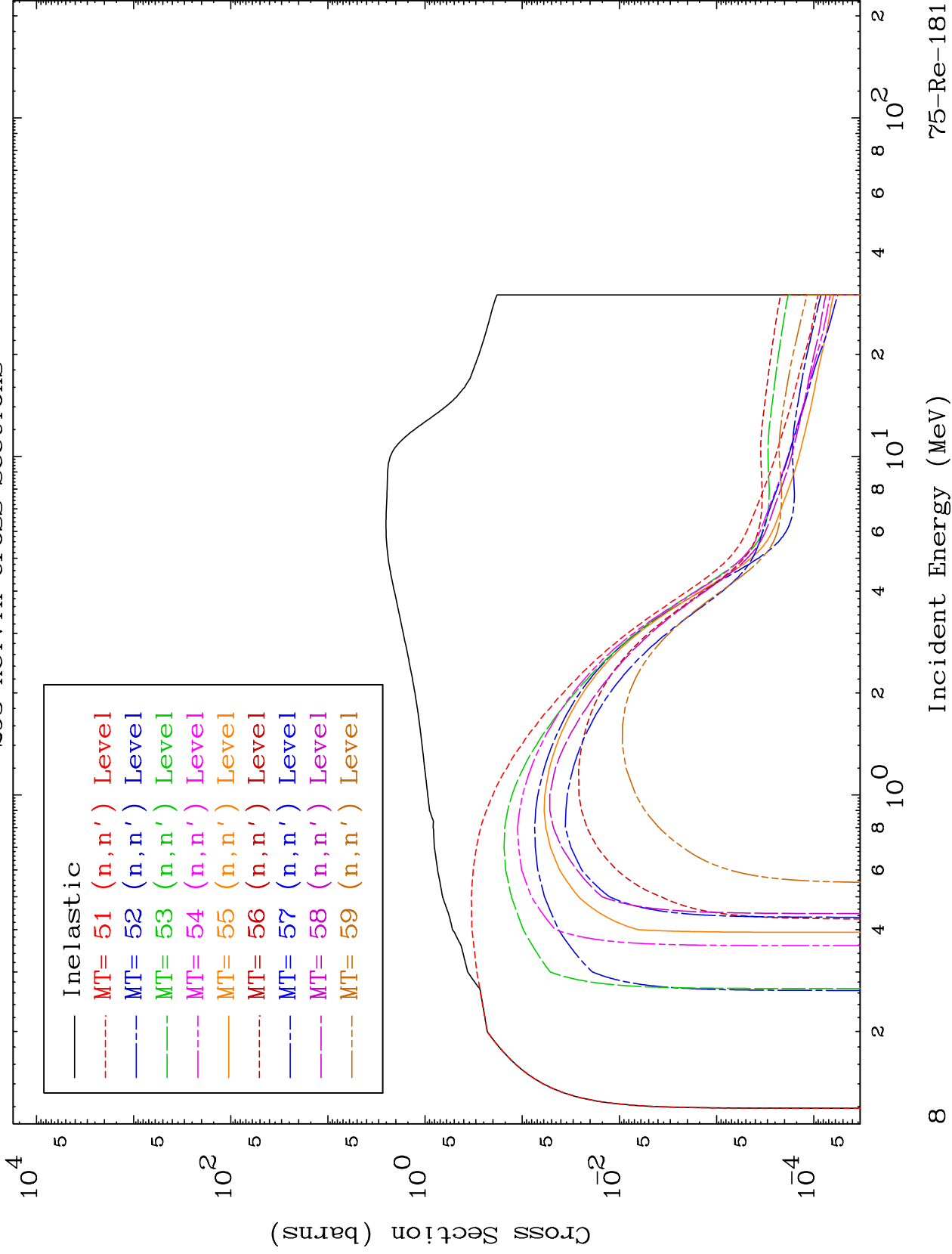
75-Re-181



MAT 7513

(n,n') Levels
293 Kelvin Cross Sections

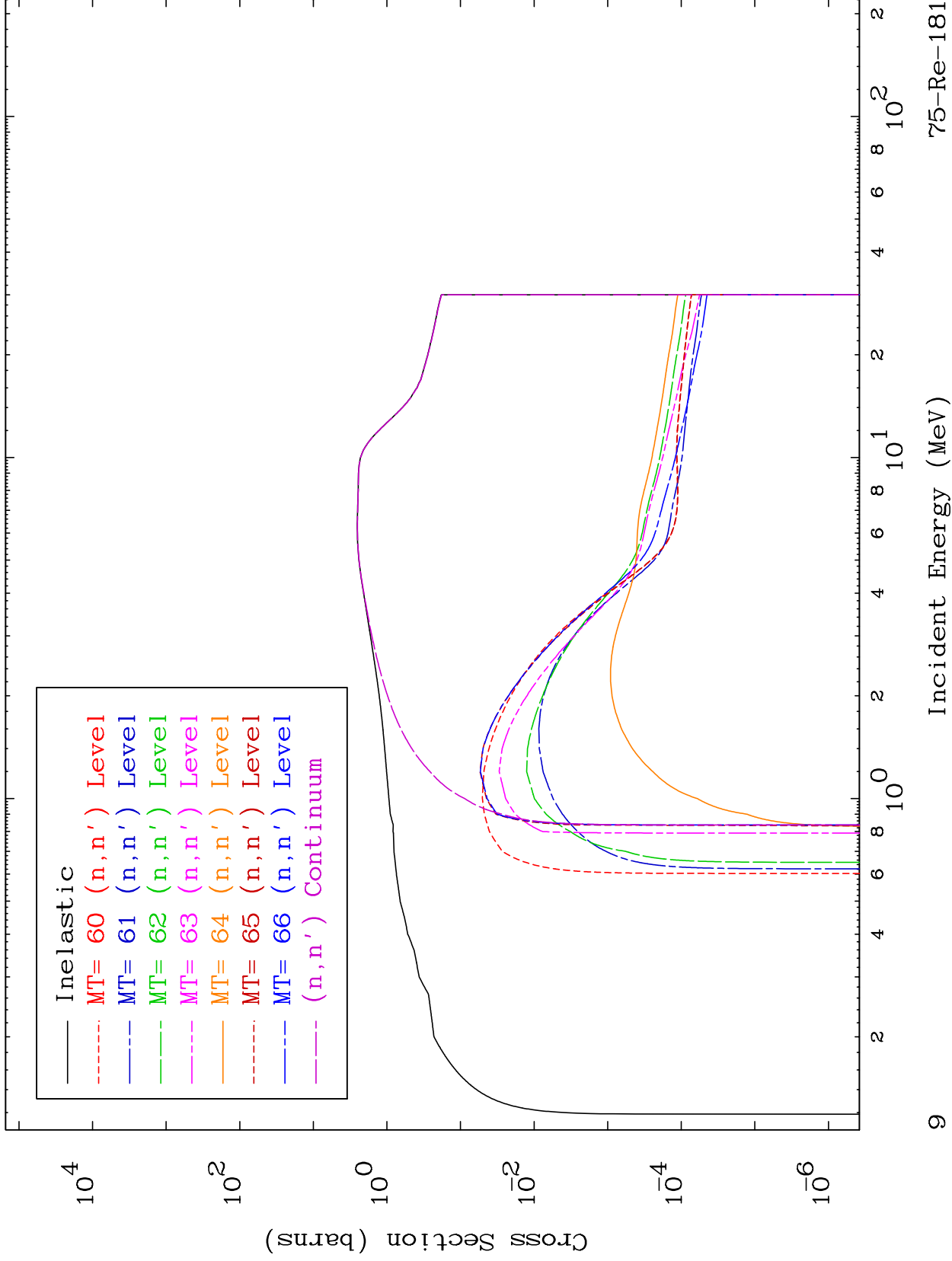
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MAT 7513

(n,n') Levels
293 Kelvin Cross Sections

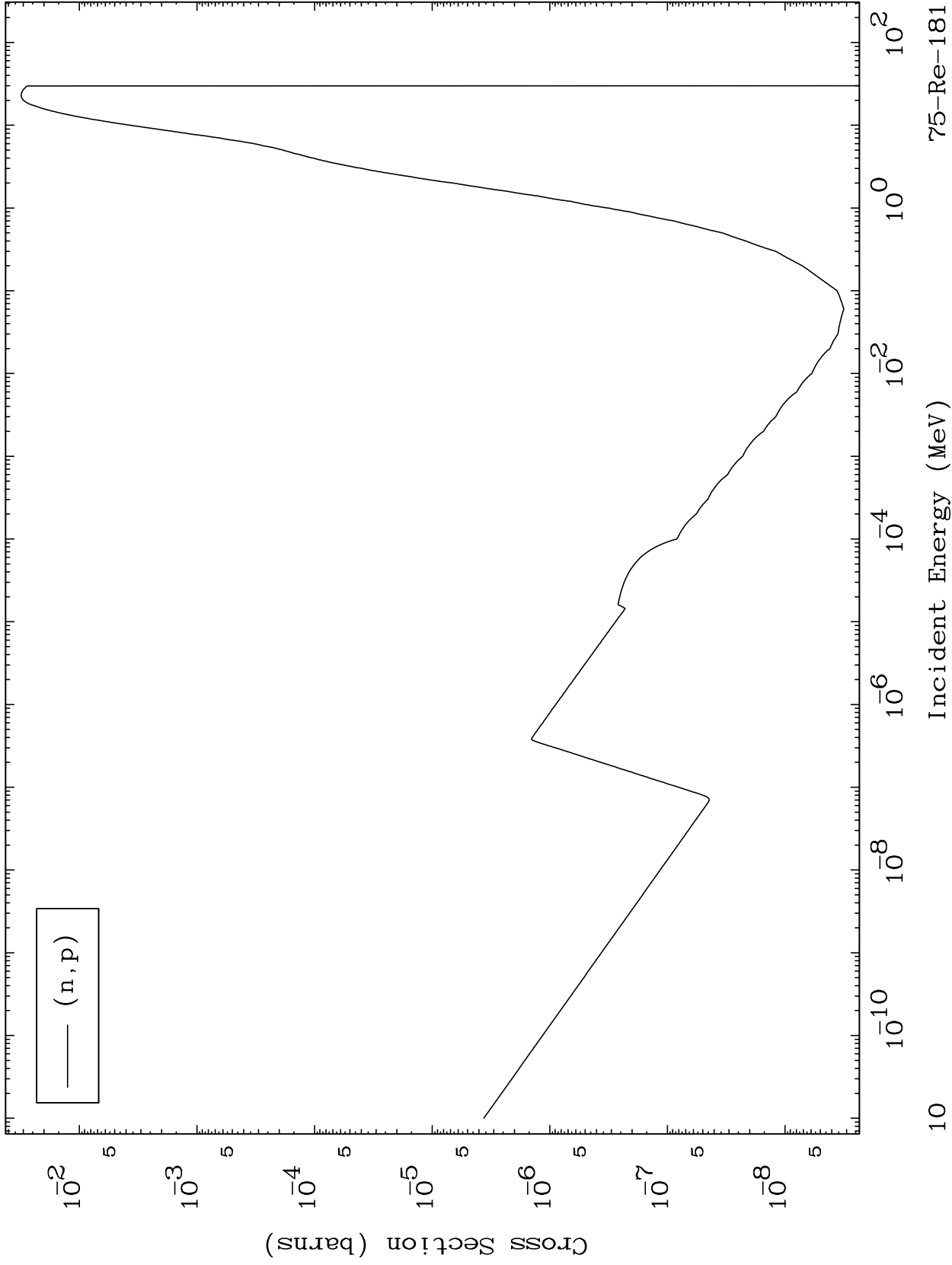
75-Re-181



MAT 7513

(n,p) Levels
293 Kelvin Cross Sections

75-Re-181



10

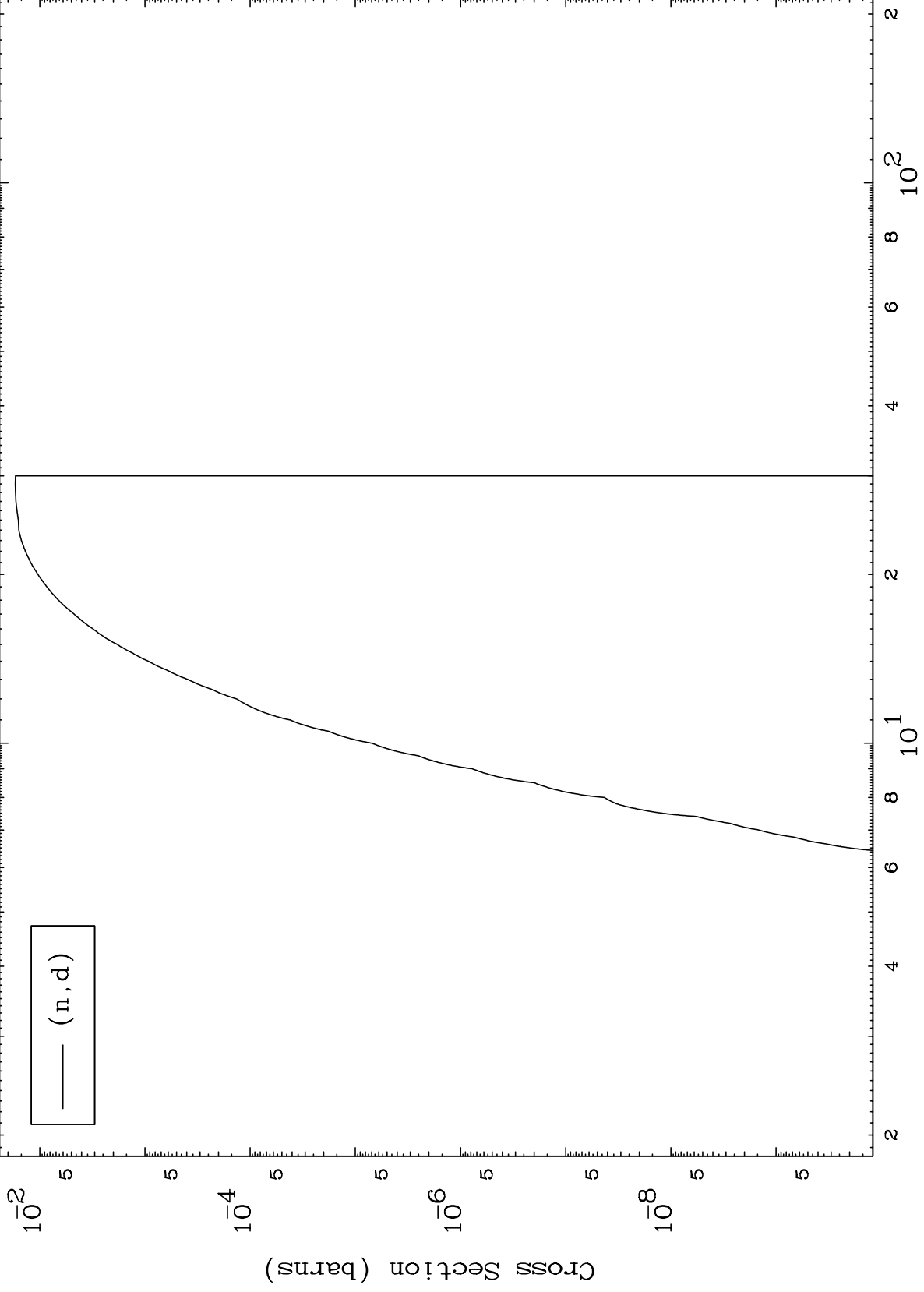
Incident Energy (MeV)

75-Re-181

MAT 7513

(n,d) Levels
293 Kelvin Cross Sections

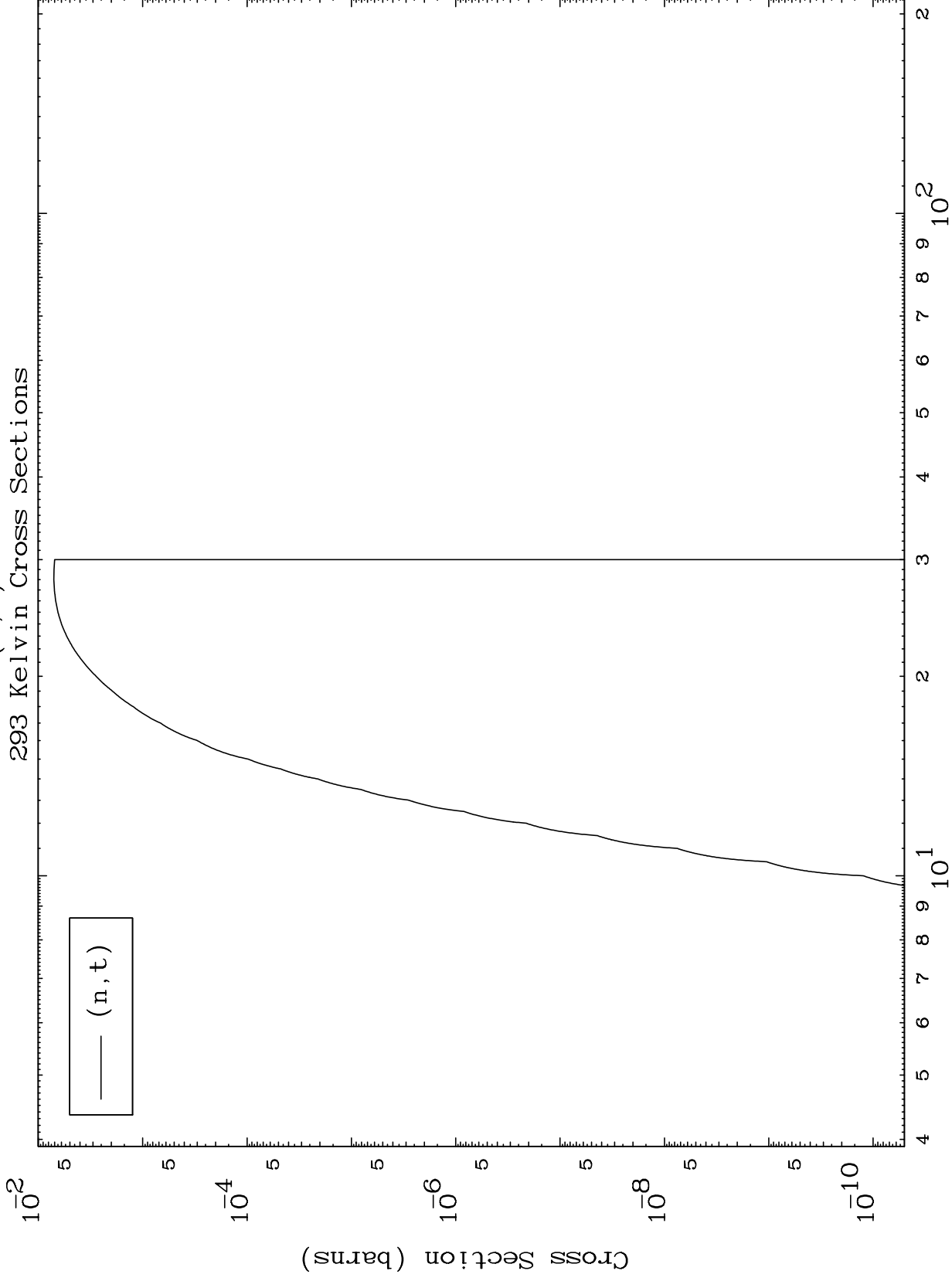
75-Re-181



MAT 7513

(n,t) Levels
293 Kelvin Cross Sections

75-Re-181



(n,t)

12

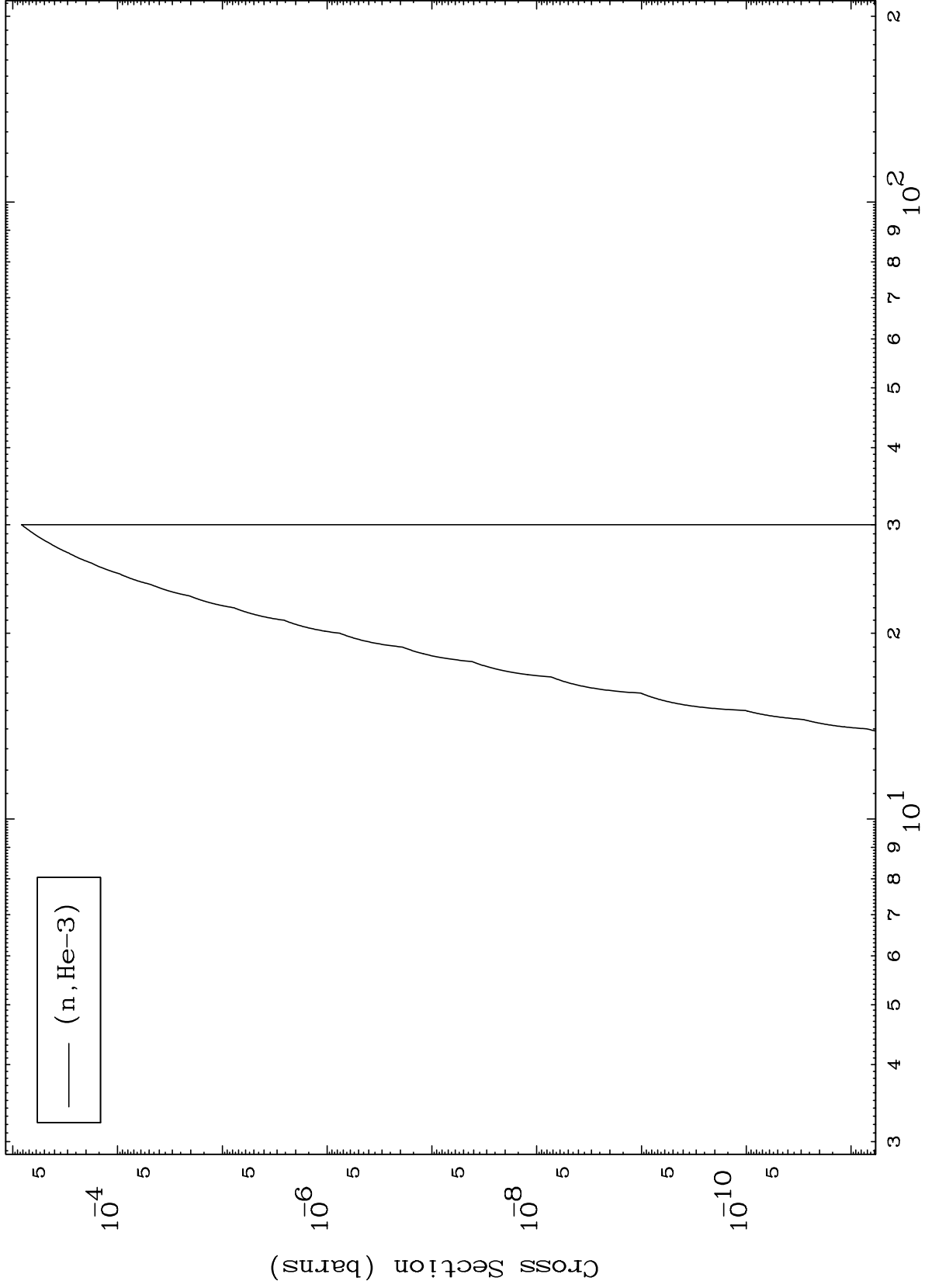
Incident Energy (MeV)

75-Re-181

MAT 7513

(n,He3) Levels
293 Kelvin Cross Sections

75-Re-181



13

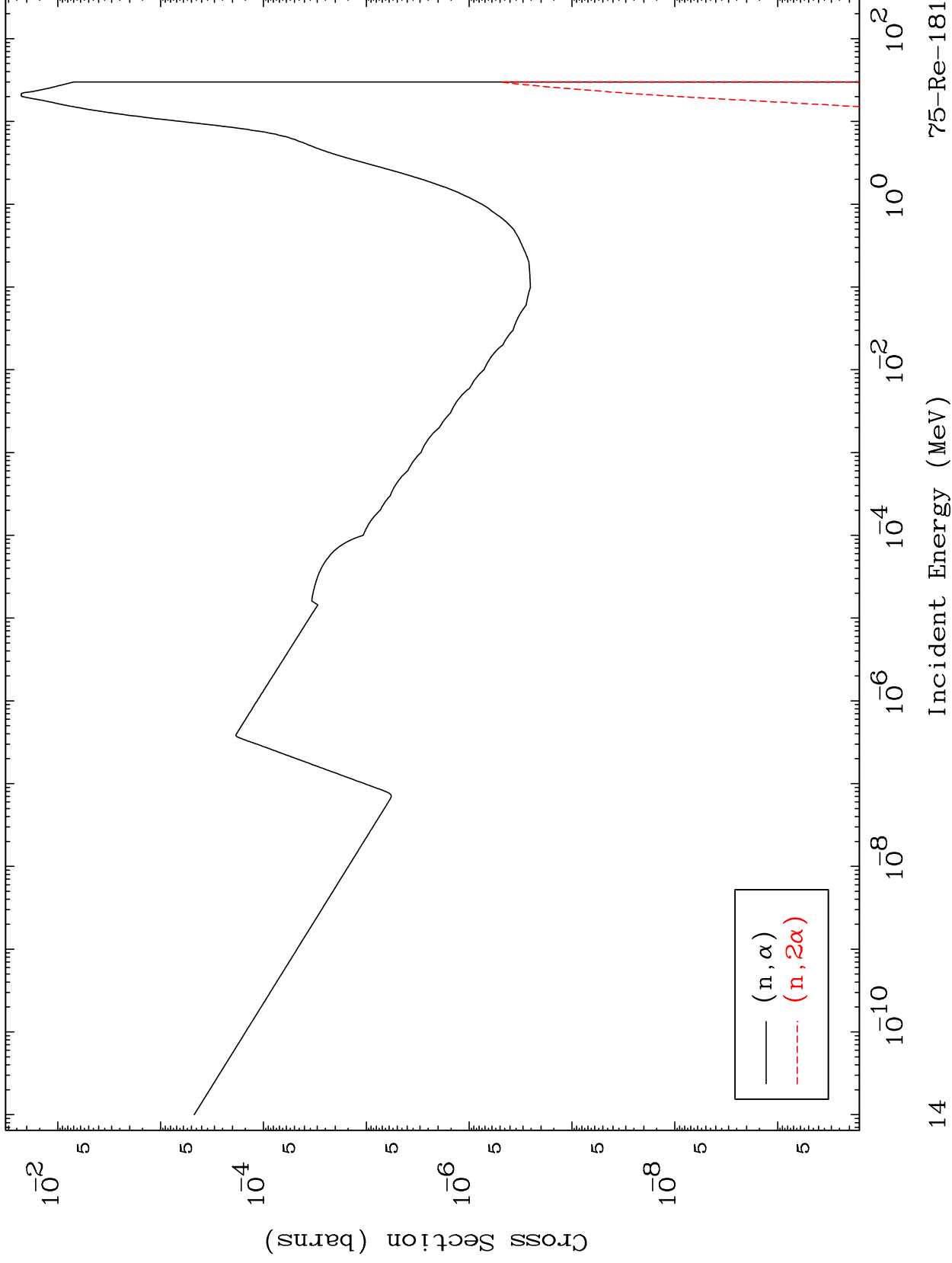
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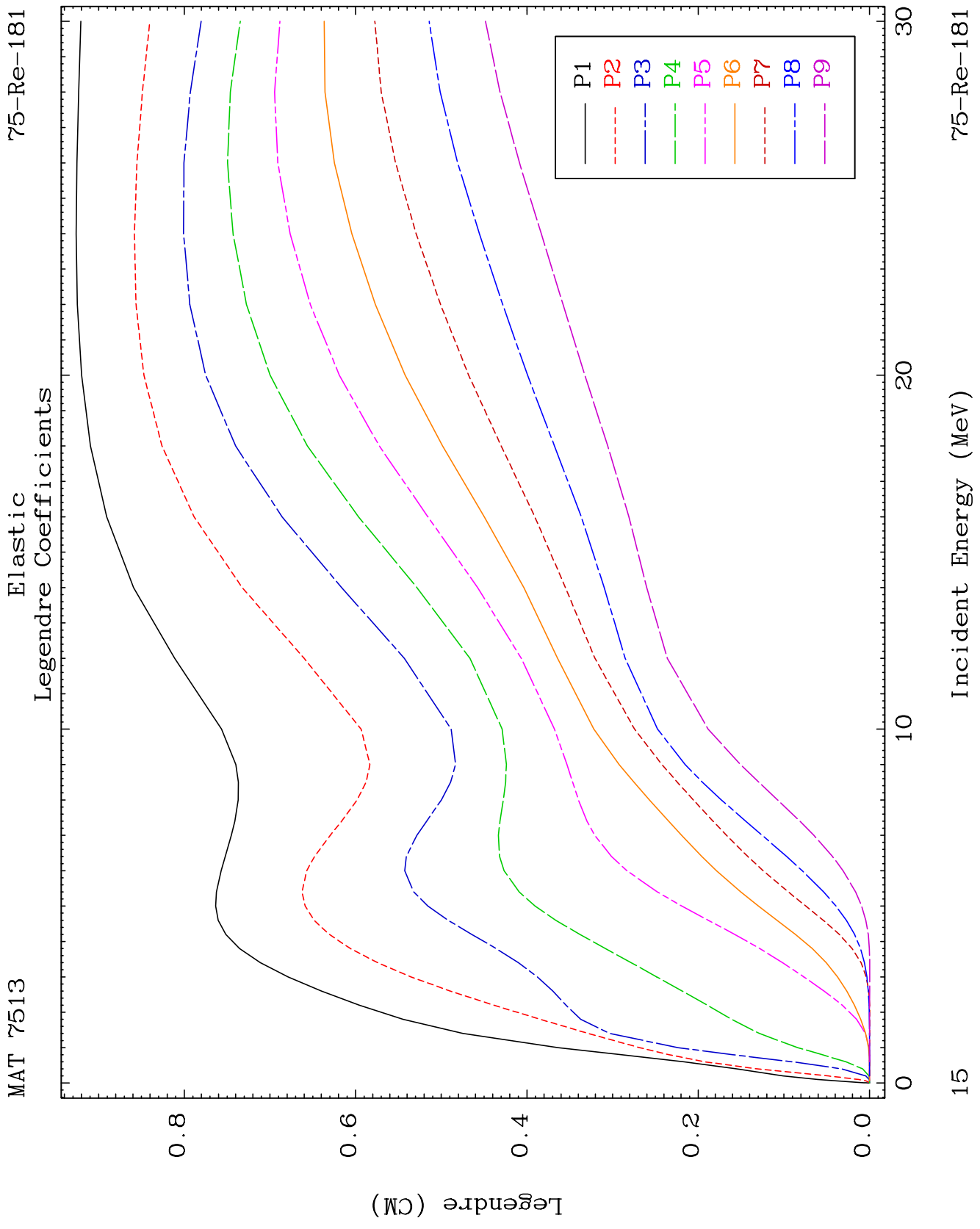
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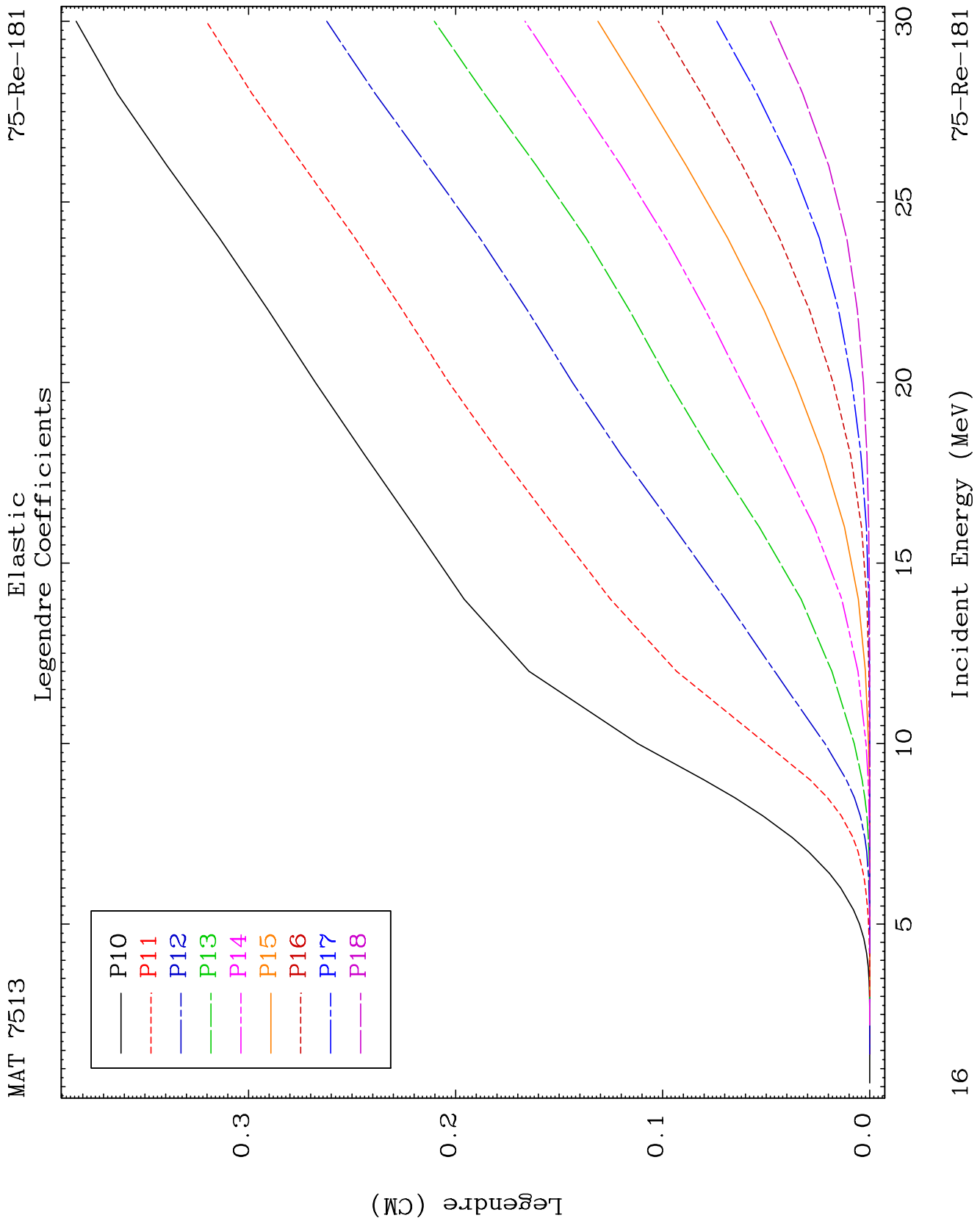
MAT 7513

(n,α) Levels
293 Kelvin Cross Sections

75-Re-181



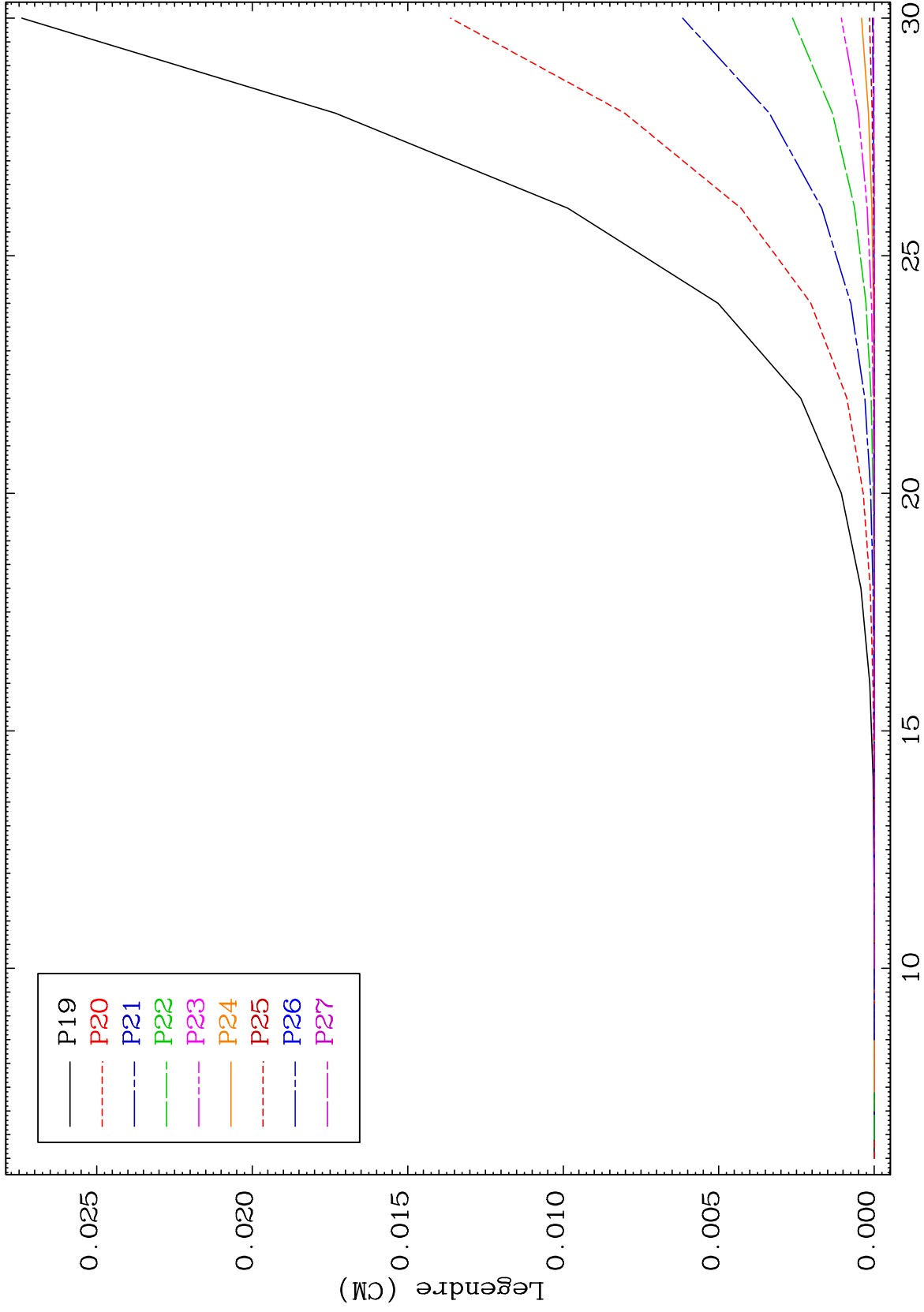




MAT 7513

Elastic Legendre Coefficients

75-Re-181



17

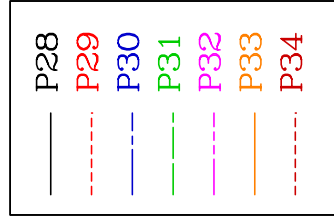
75-Re-181

Incident Energy (MeV)

MAT 7513

Elastic
Legendre Coefficients

75-Re-181



$\times 10^{-6}$

6

Legendre (CM)

4

2

0

15

20

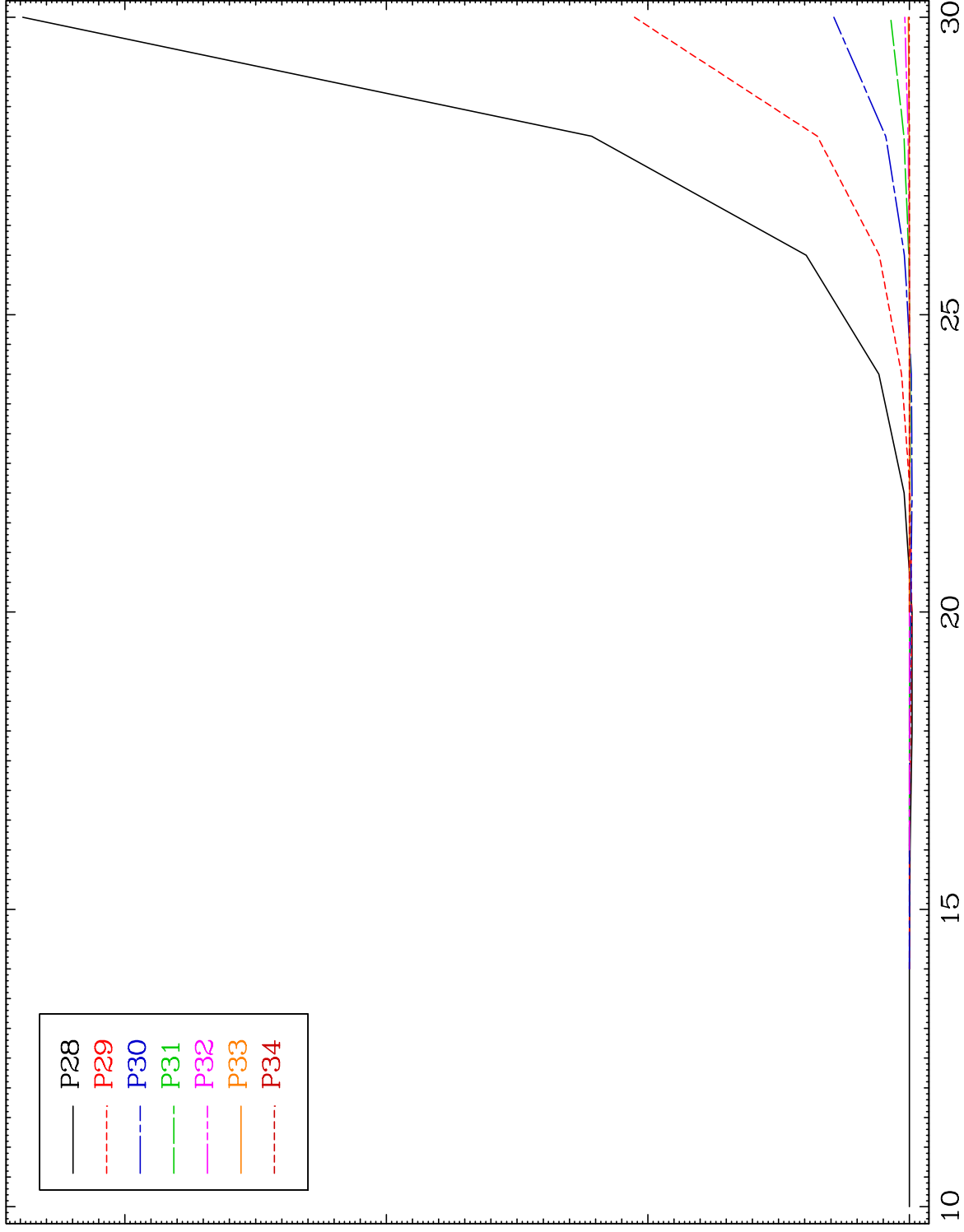
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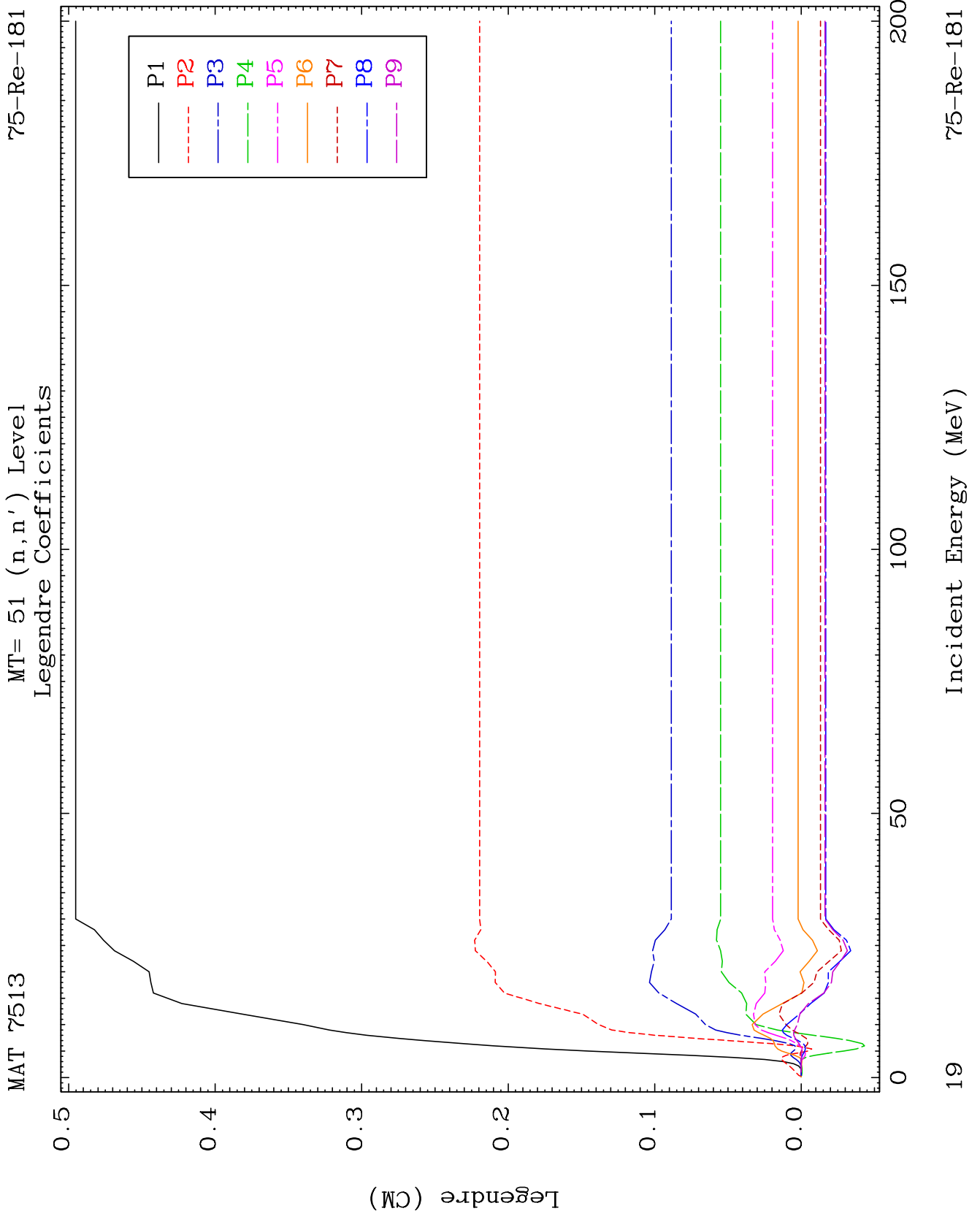
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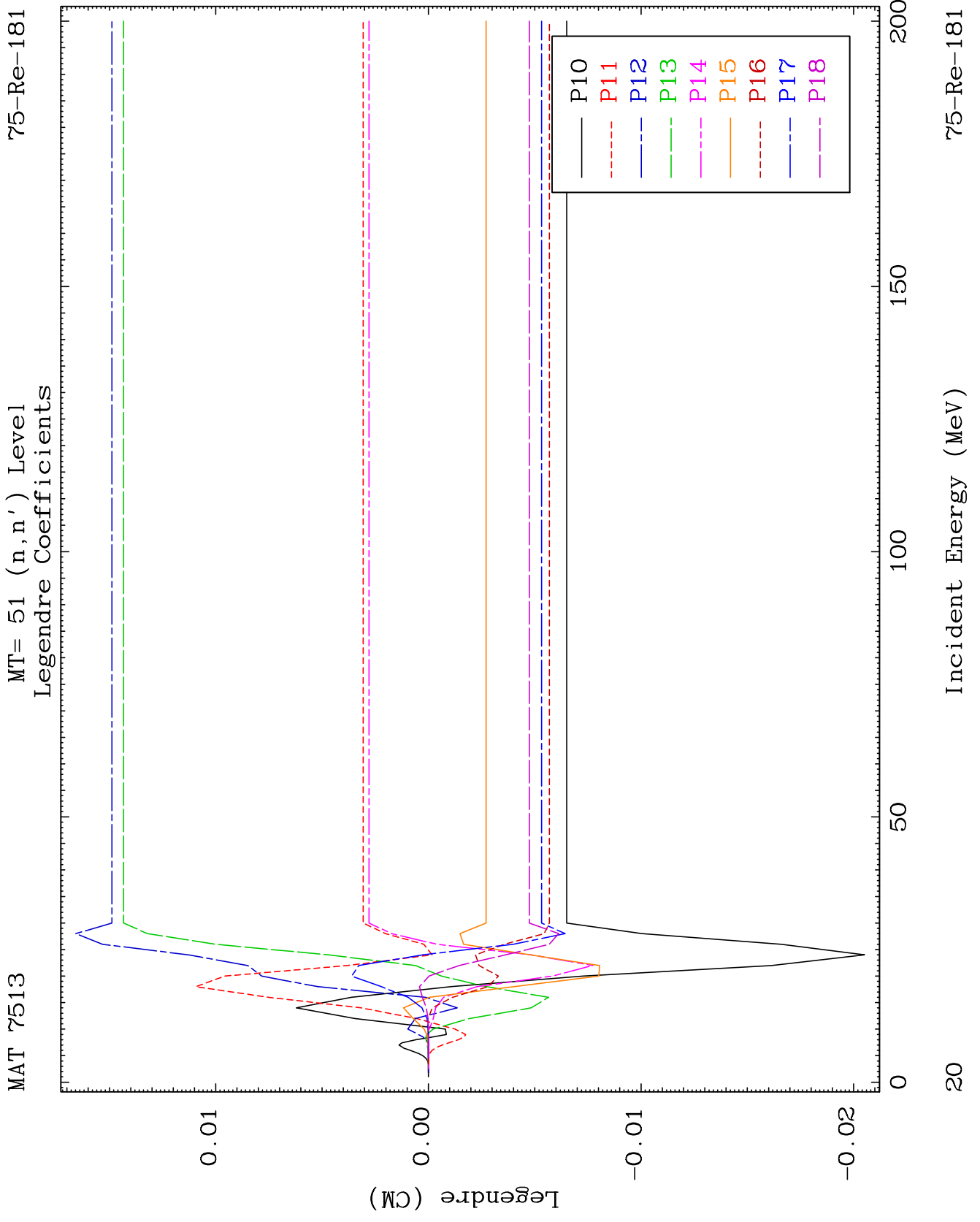
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Incident Energy (MeV)

75-Re-181



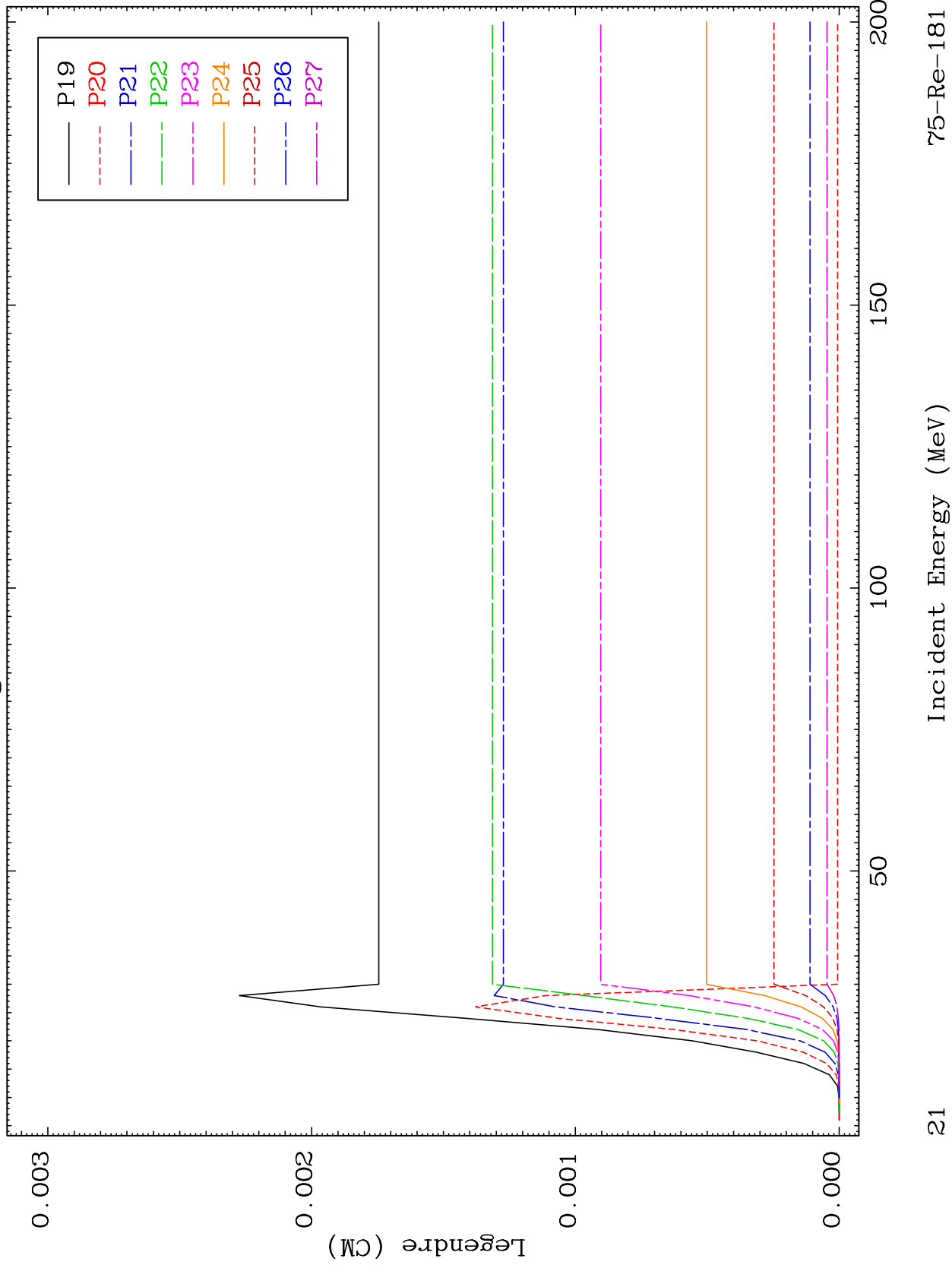




MAT 7513

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

75-Re-181



21

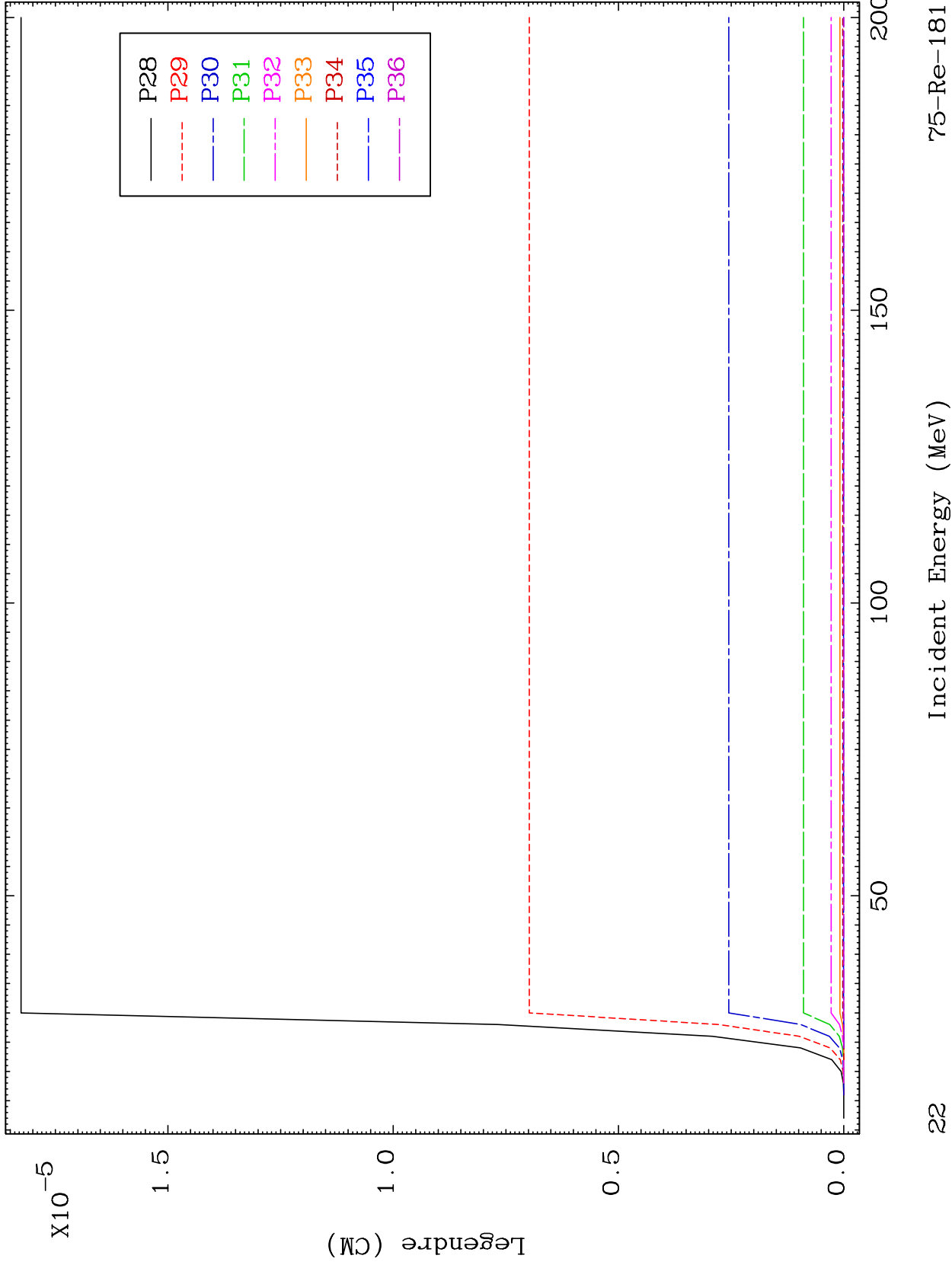
Incident Energy (MeV)

75-Re-181

MAT 7513

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

75-Re-181



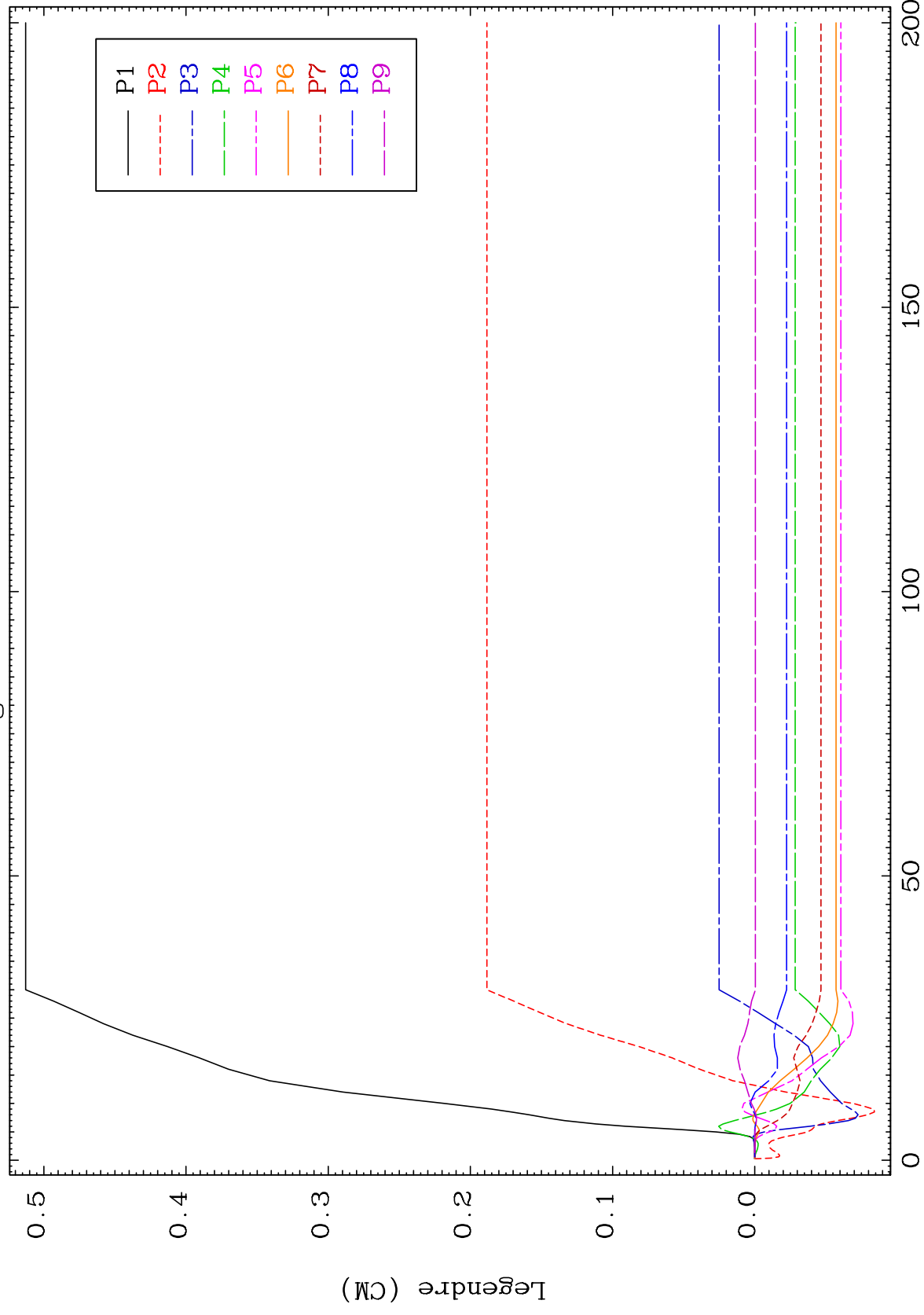
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75-Re-181

MAT 7513

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

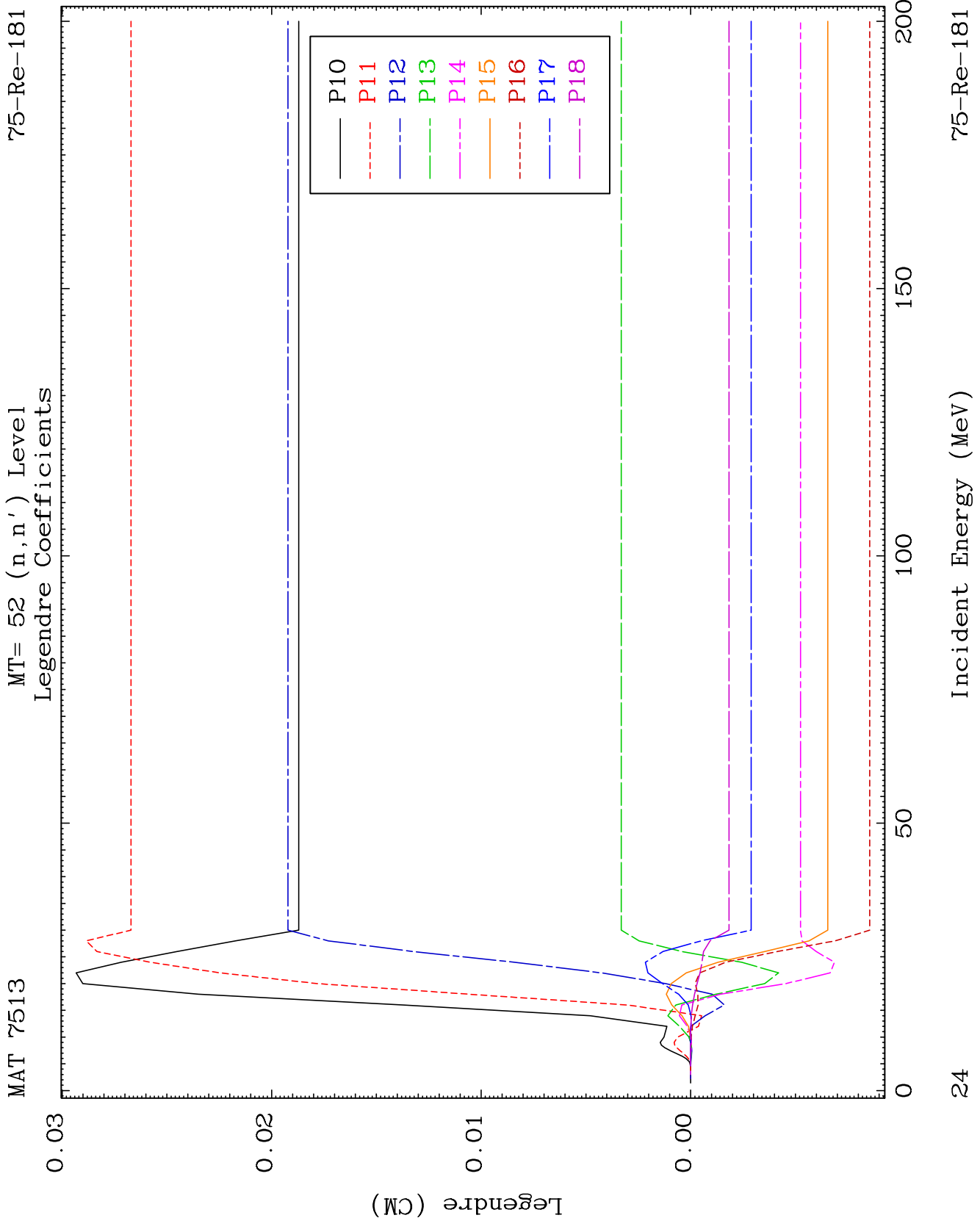
75-Re-181



23

Incident Energy (MeV)

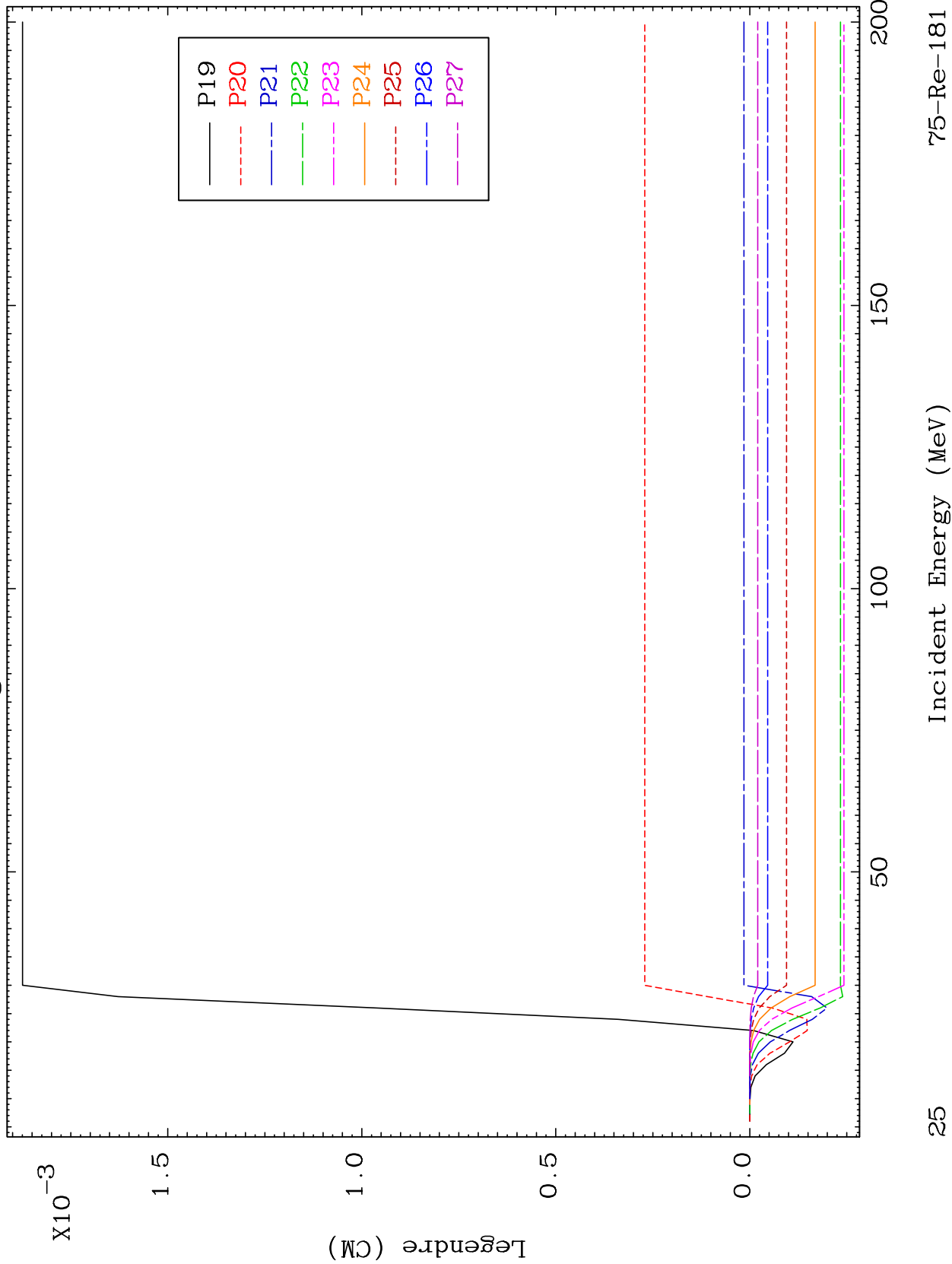
75-Re-181



MAT 7513

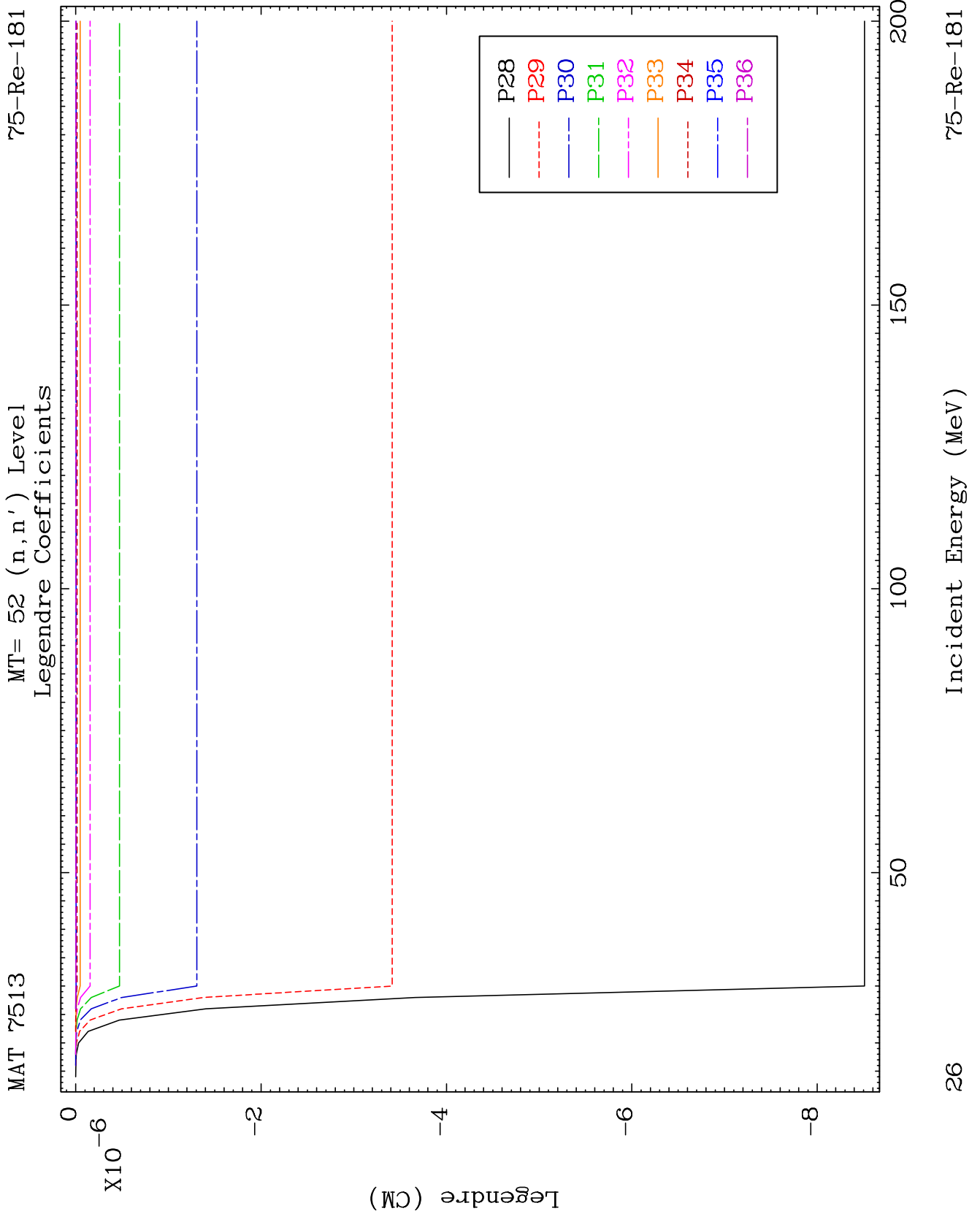
MT= 52 (n,n') Level
Legendre Coefficients

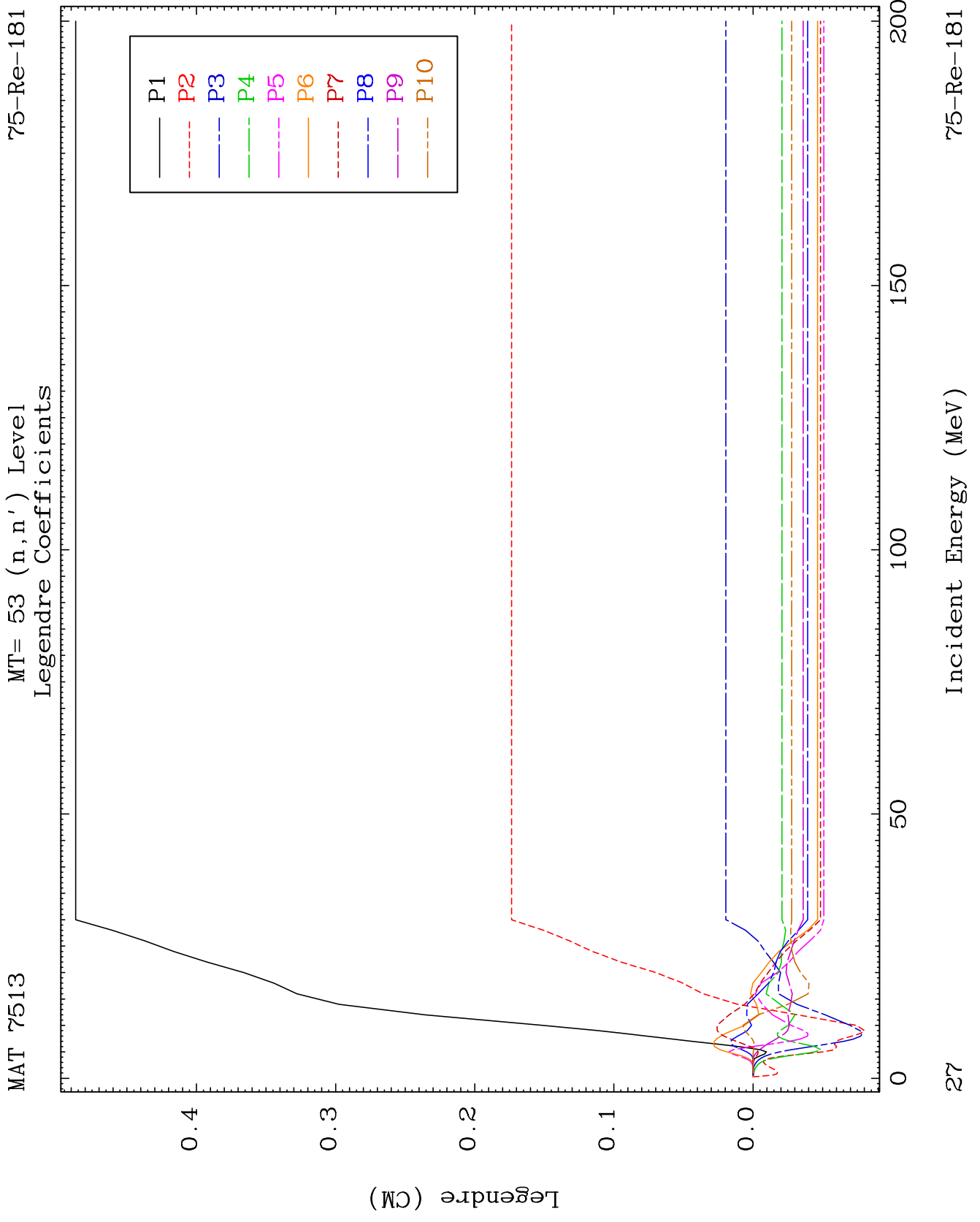
75-Re-181



25

75-Re-181

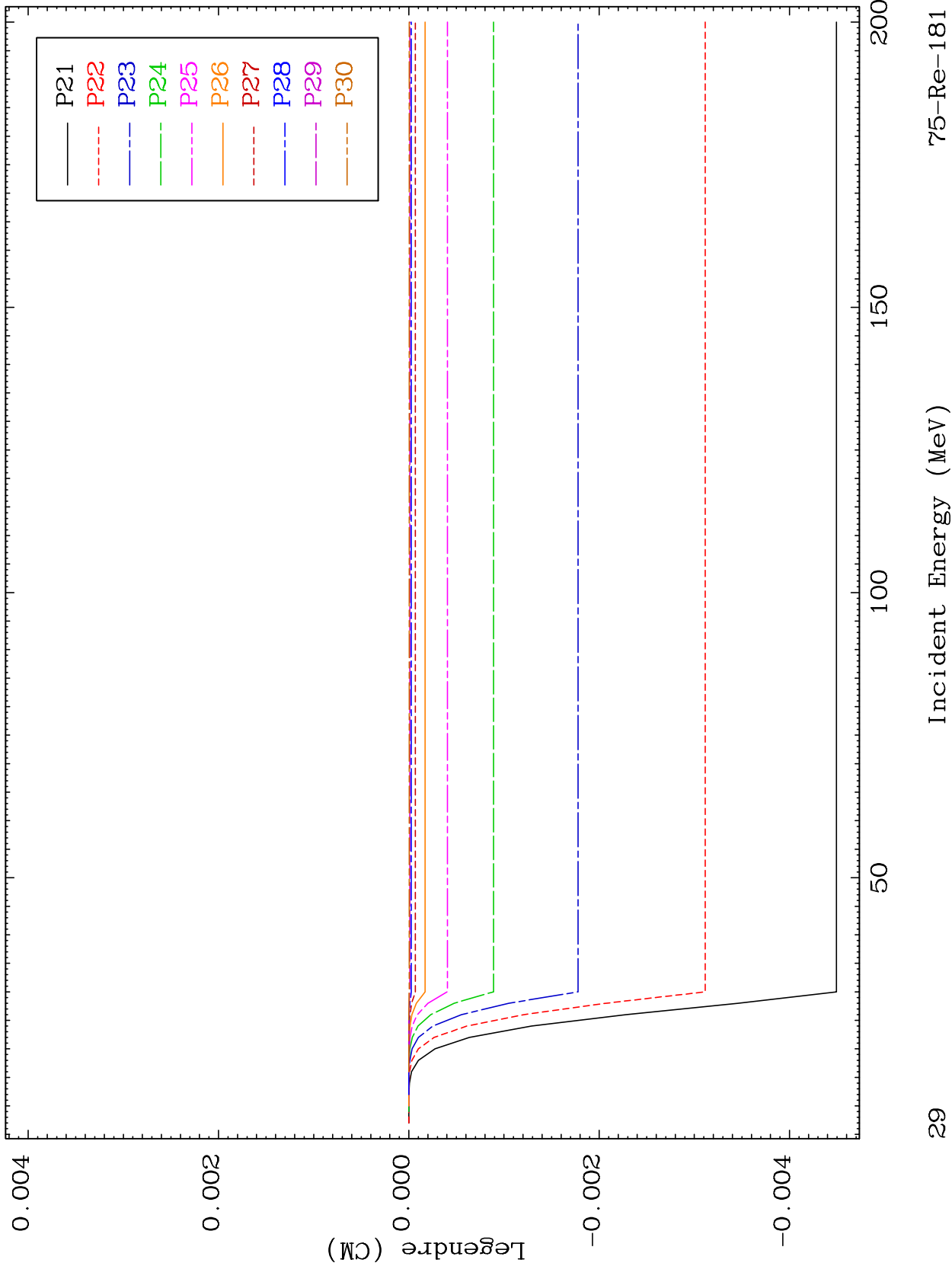




MAT 7513

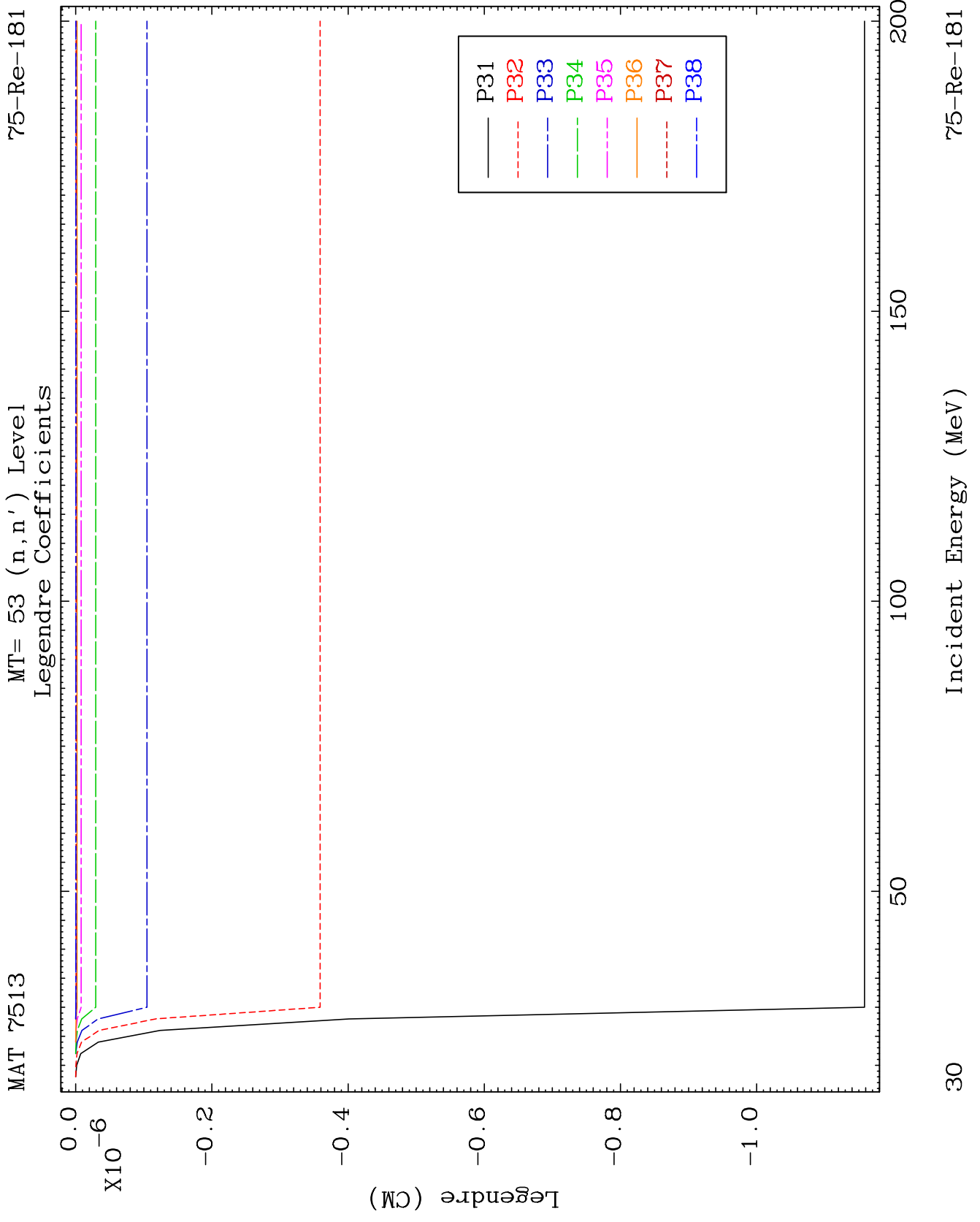
MT= 53 (n,n') Level
Legendre Coefficients

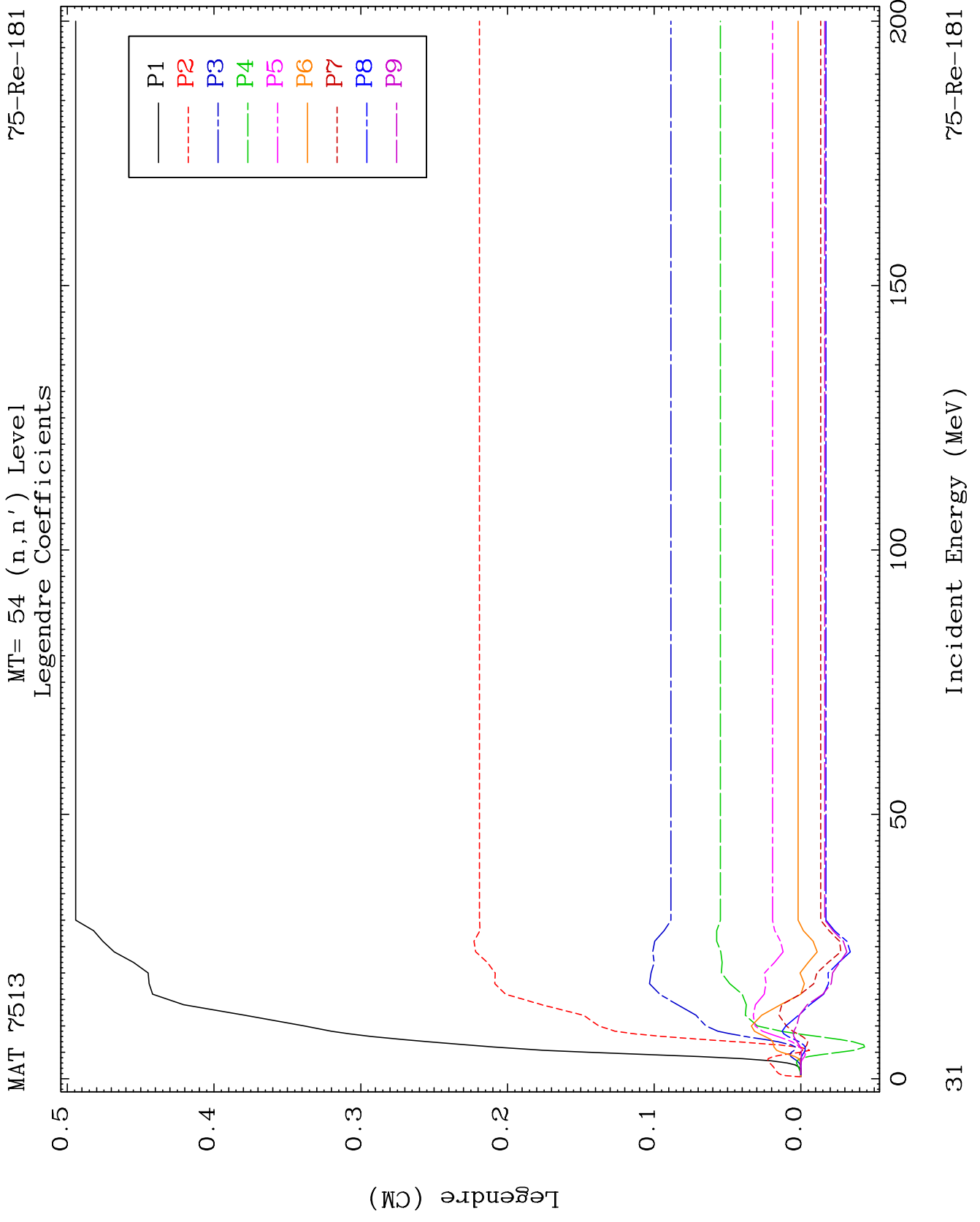
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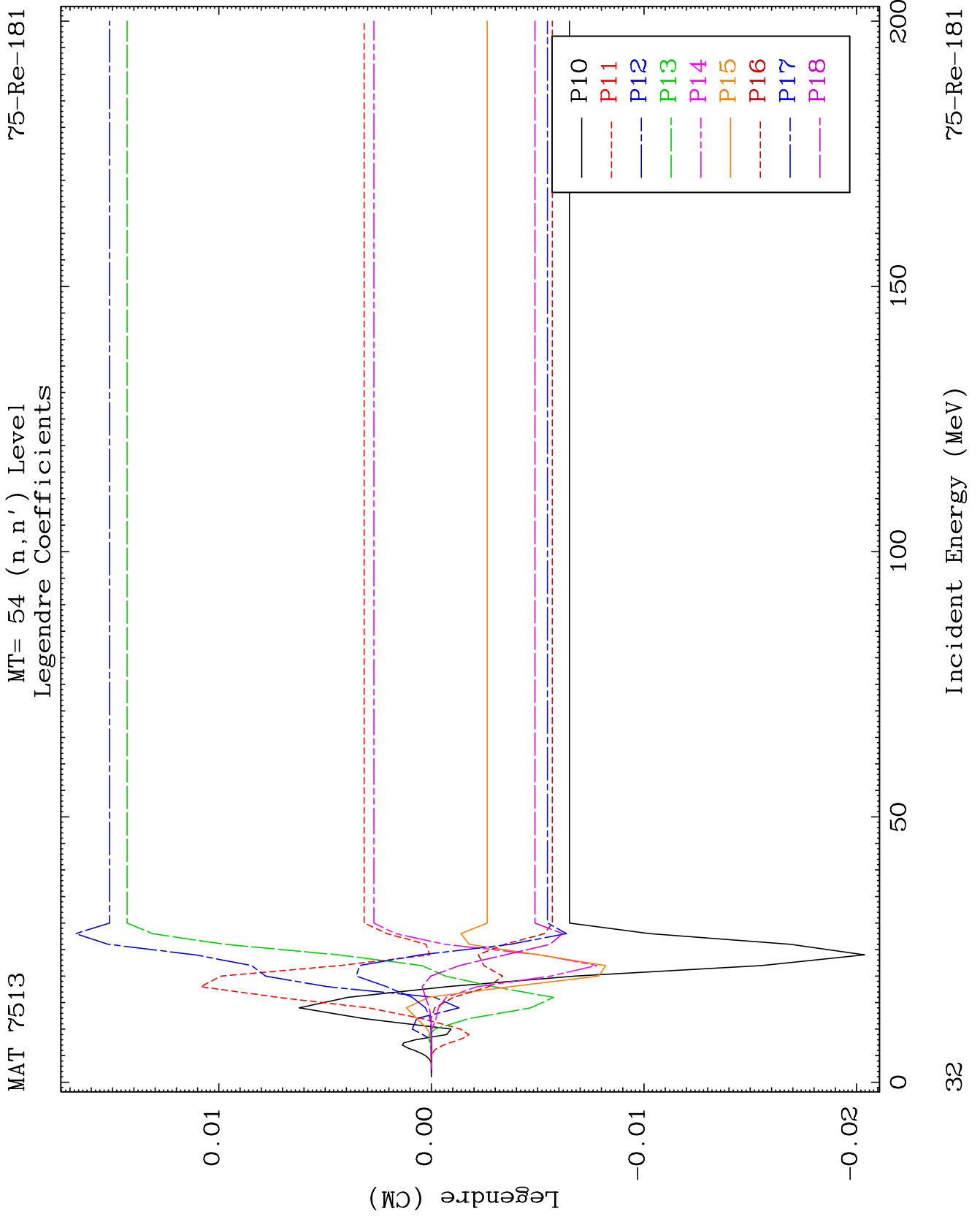


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75-Re-181



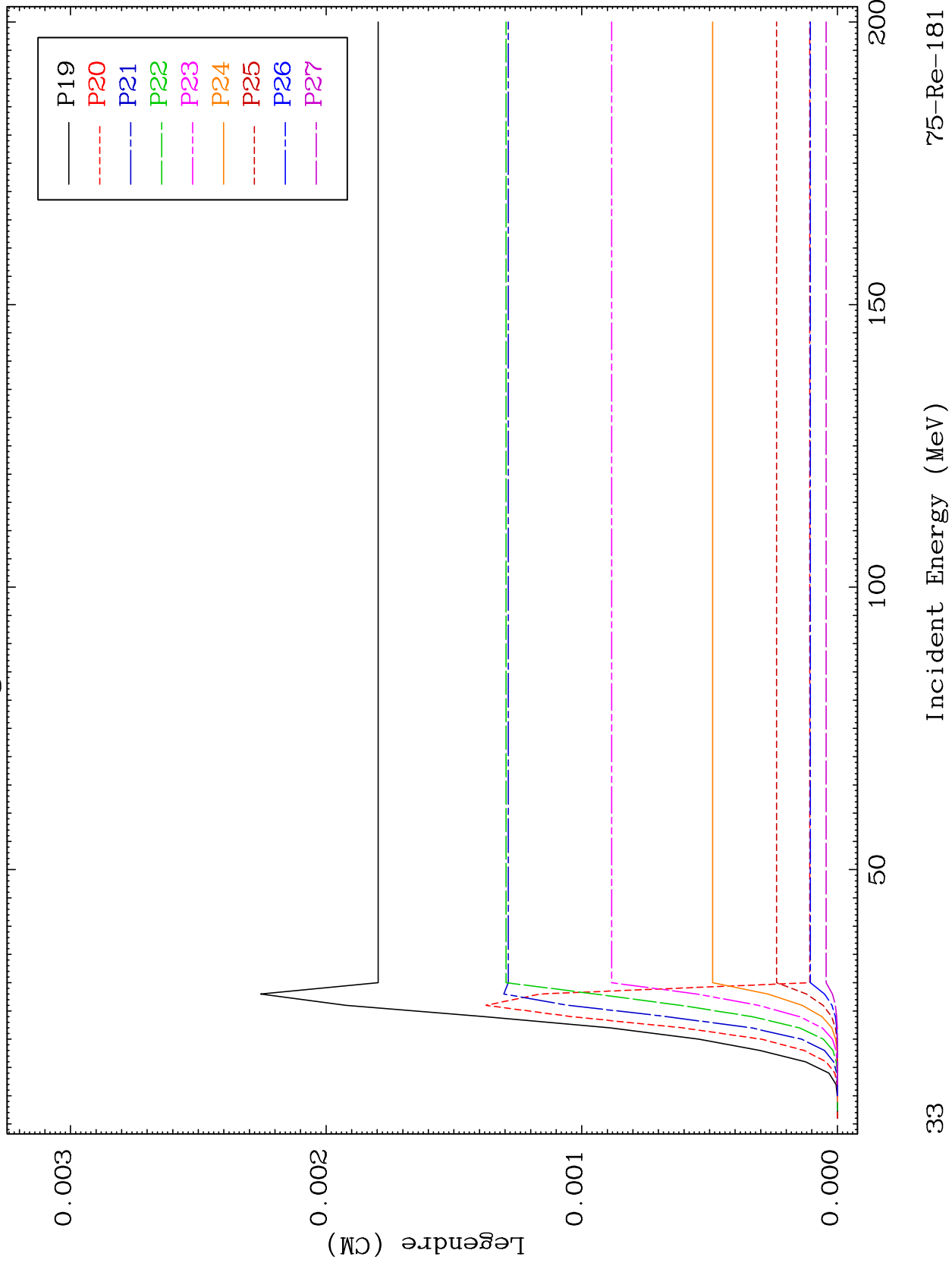




MAT 7513

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

75-Re-181



33

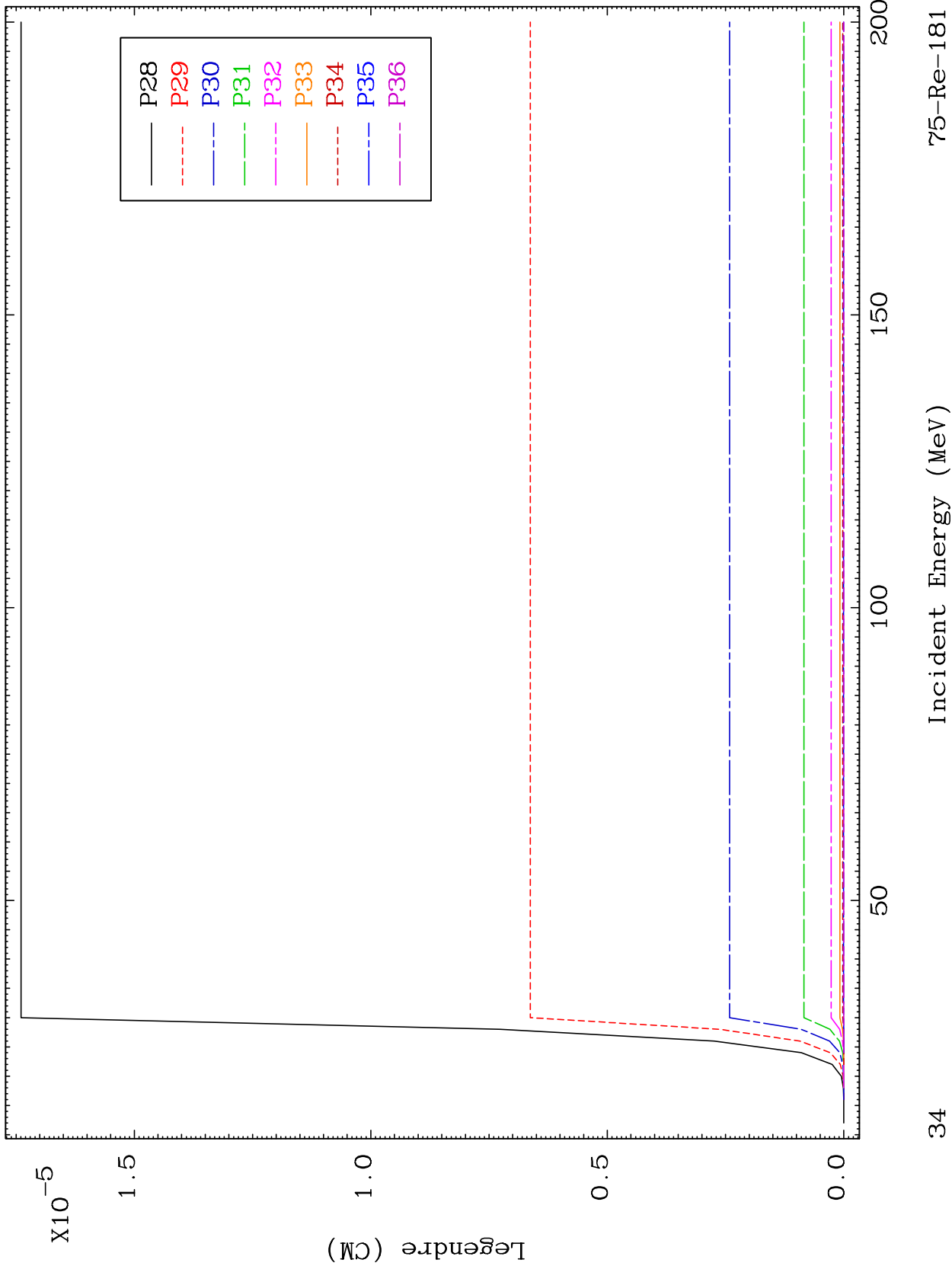
Incident Energy (MeV)

75-Re-181

MAT 7513

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

75-Re-181



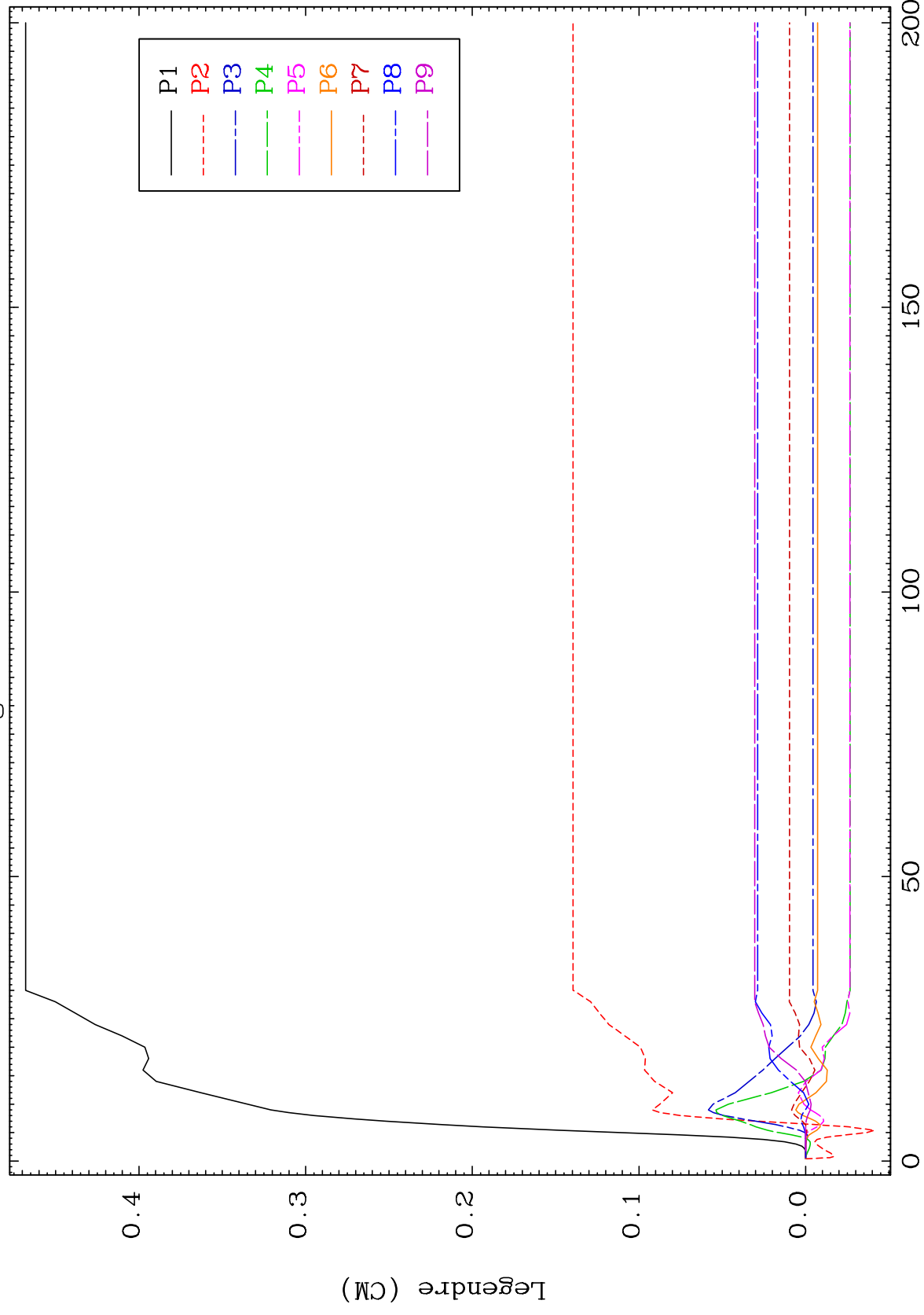
34

75-Re-181

MAT 7513

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

75-Re-181



75-Re-181

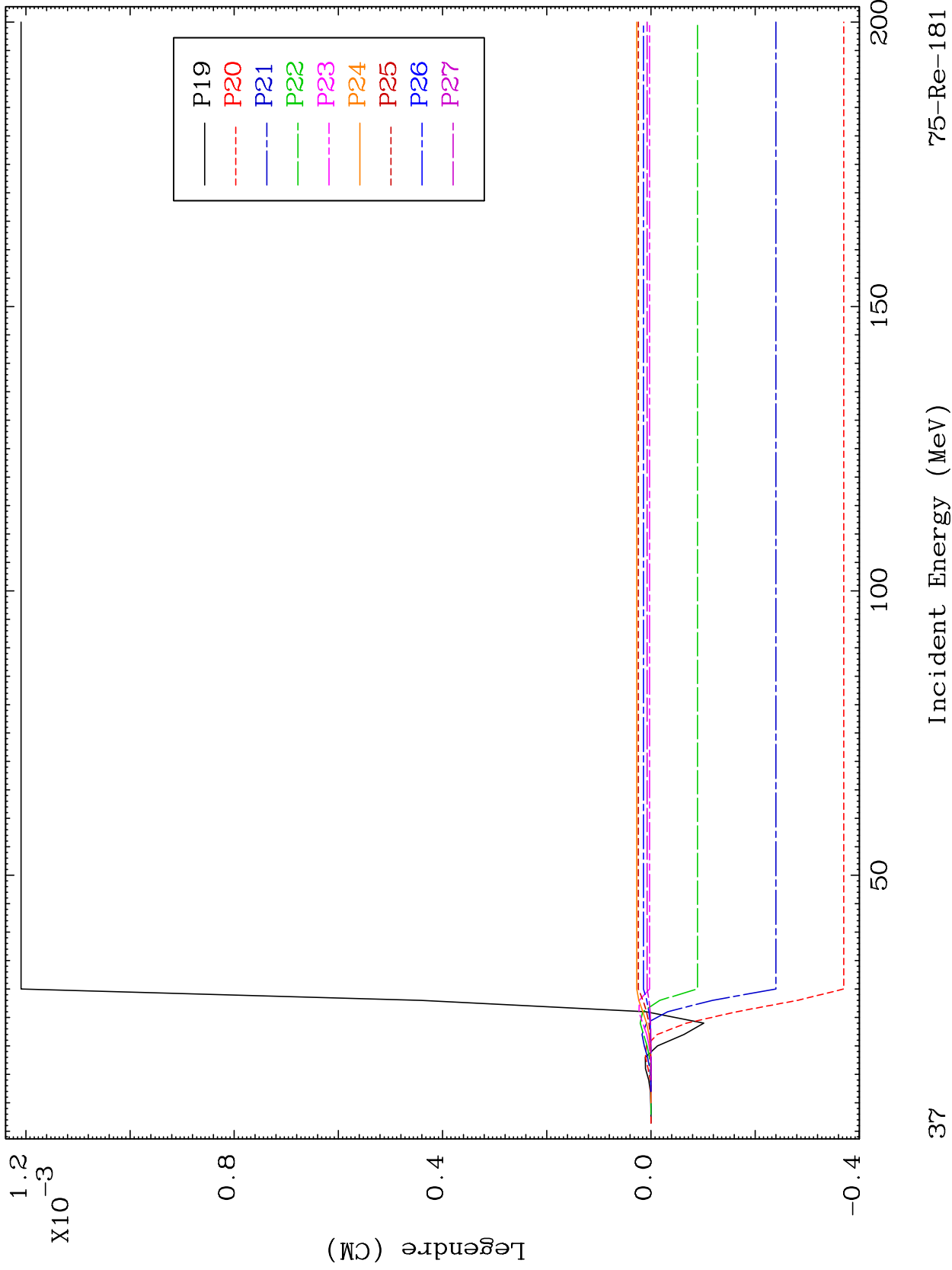
Incident Energy (MeV)

35

MAT 7513

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

75-Re-181



37

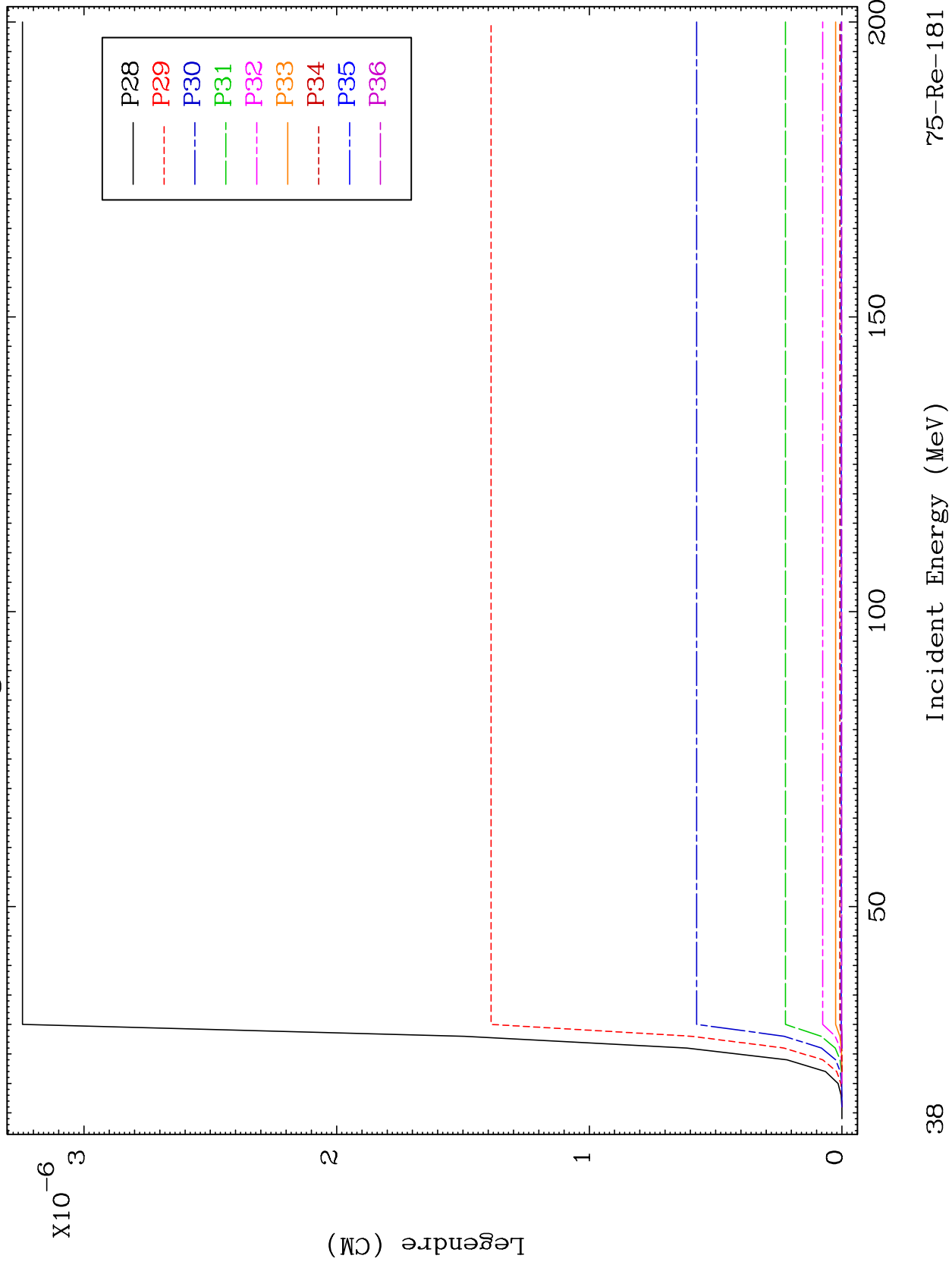
Incident Energy (MeV)

75-Re-181

MAT 7513

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

75-Re-181



38

Incident Energy (MeV)

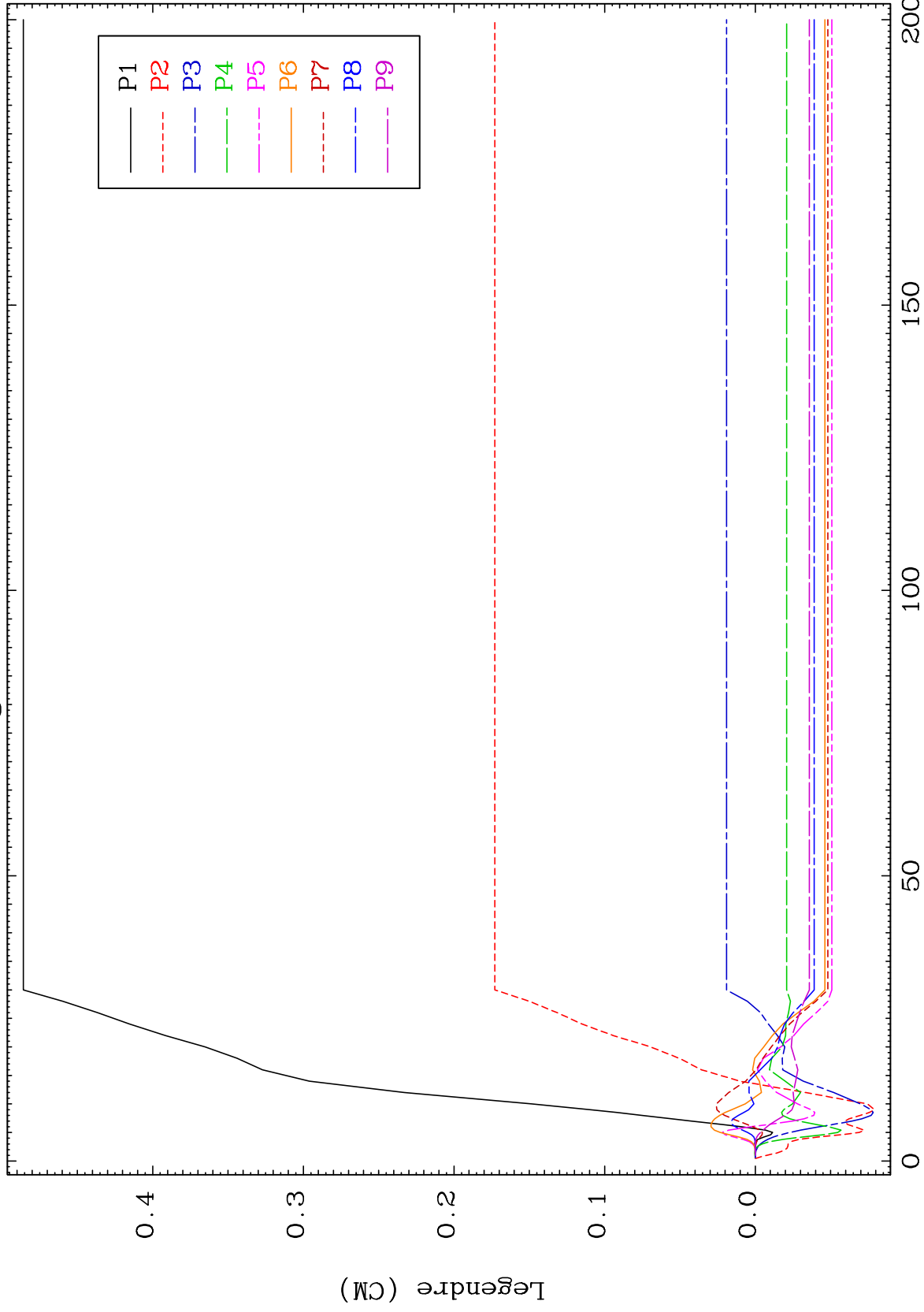
75-Re-181

MAT 7513

MT= 56 (n,n') Level

75-Re-181

Legendre Coefficients



39

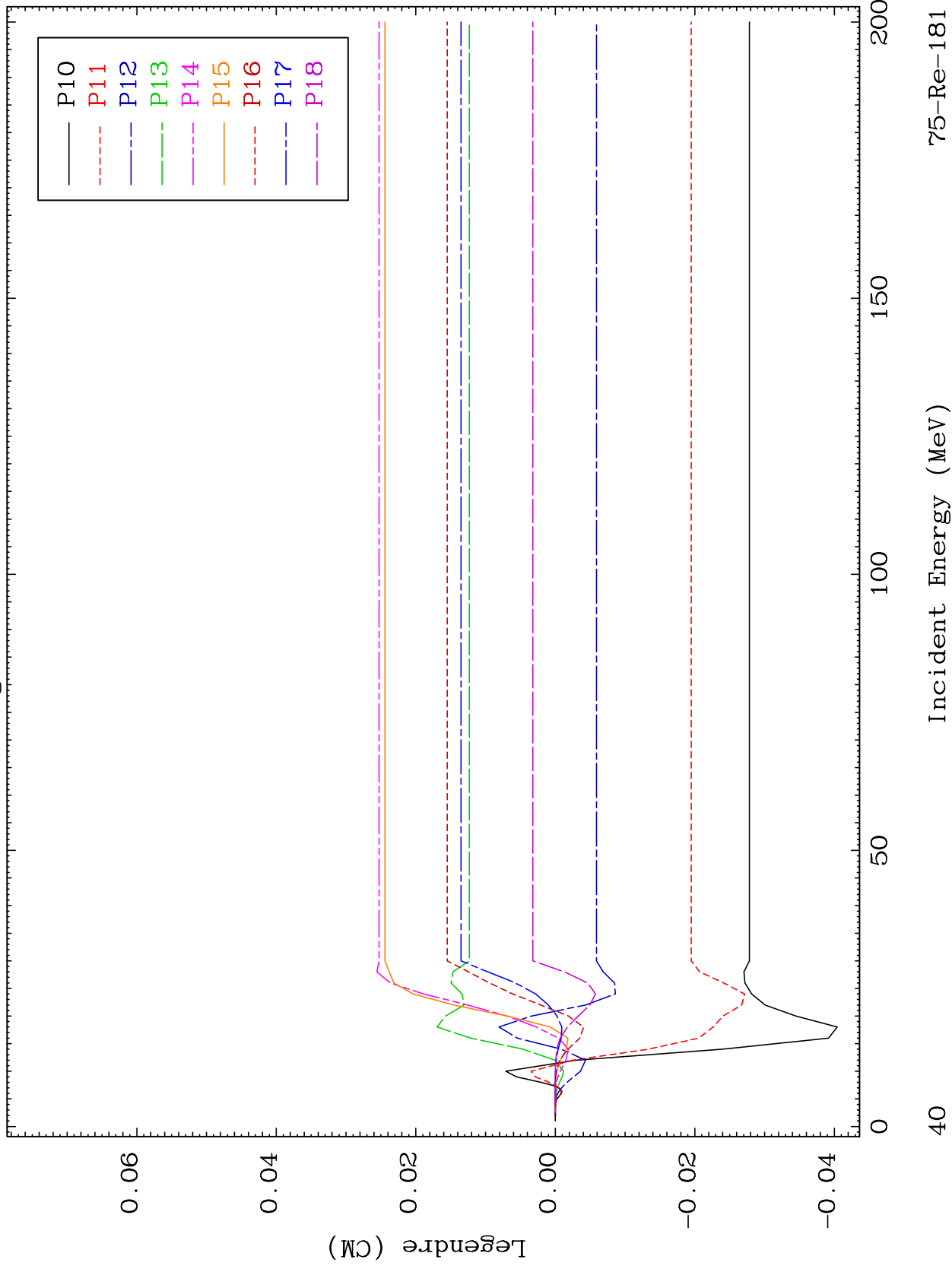
Incident Energy (MeV)

75-Re-181

MAT 7513

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

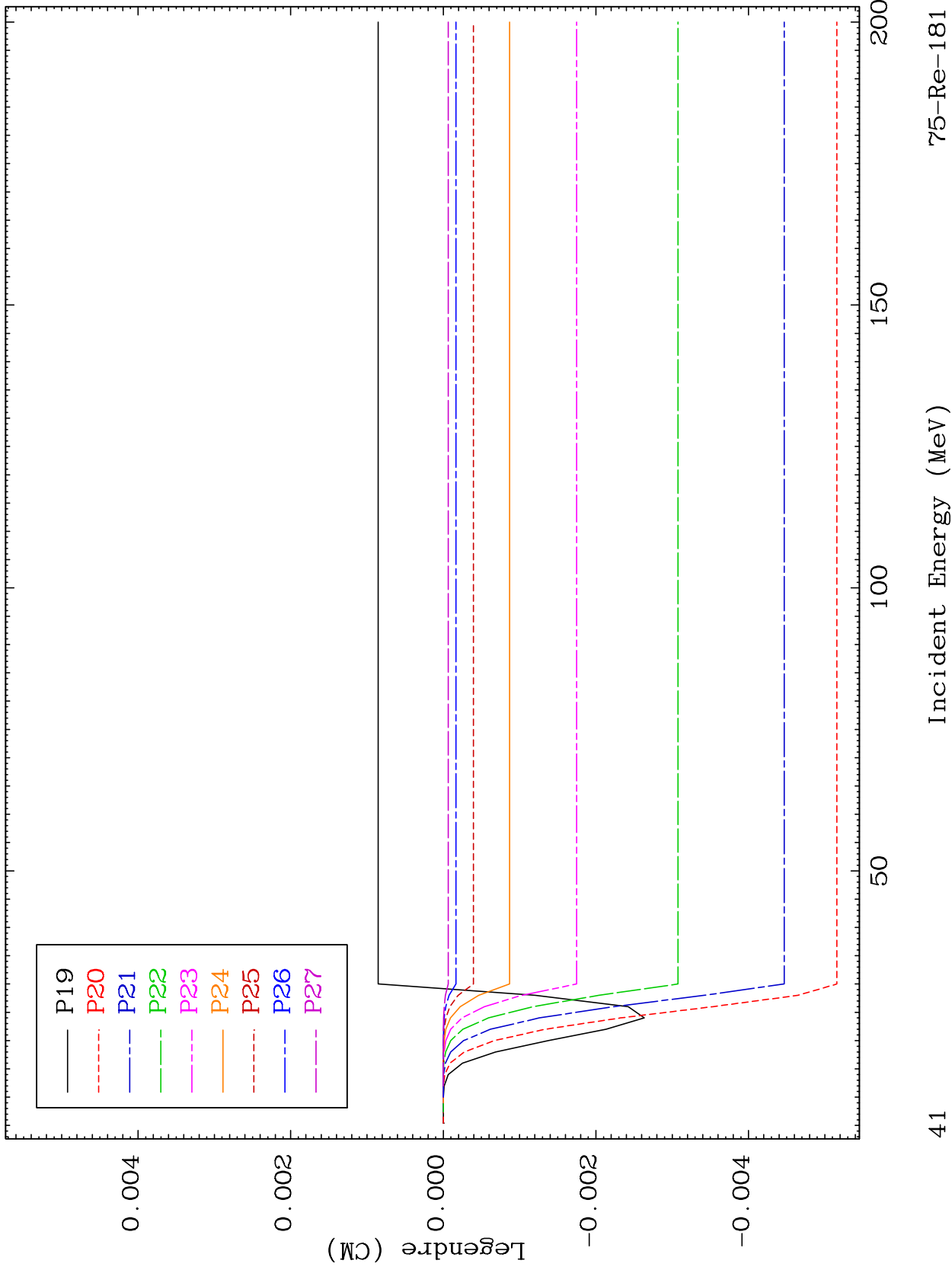
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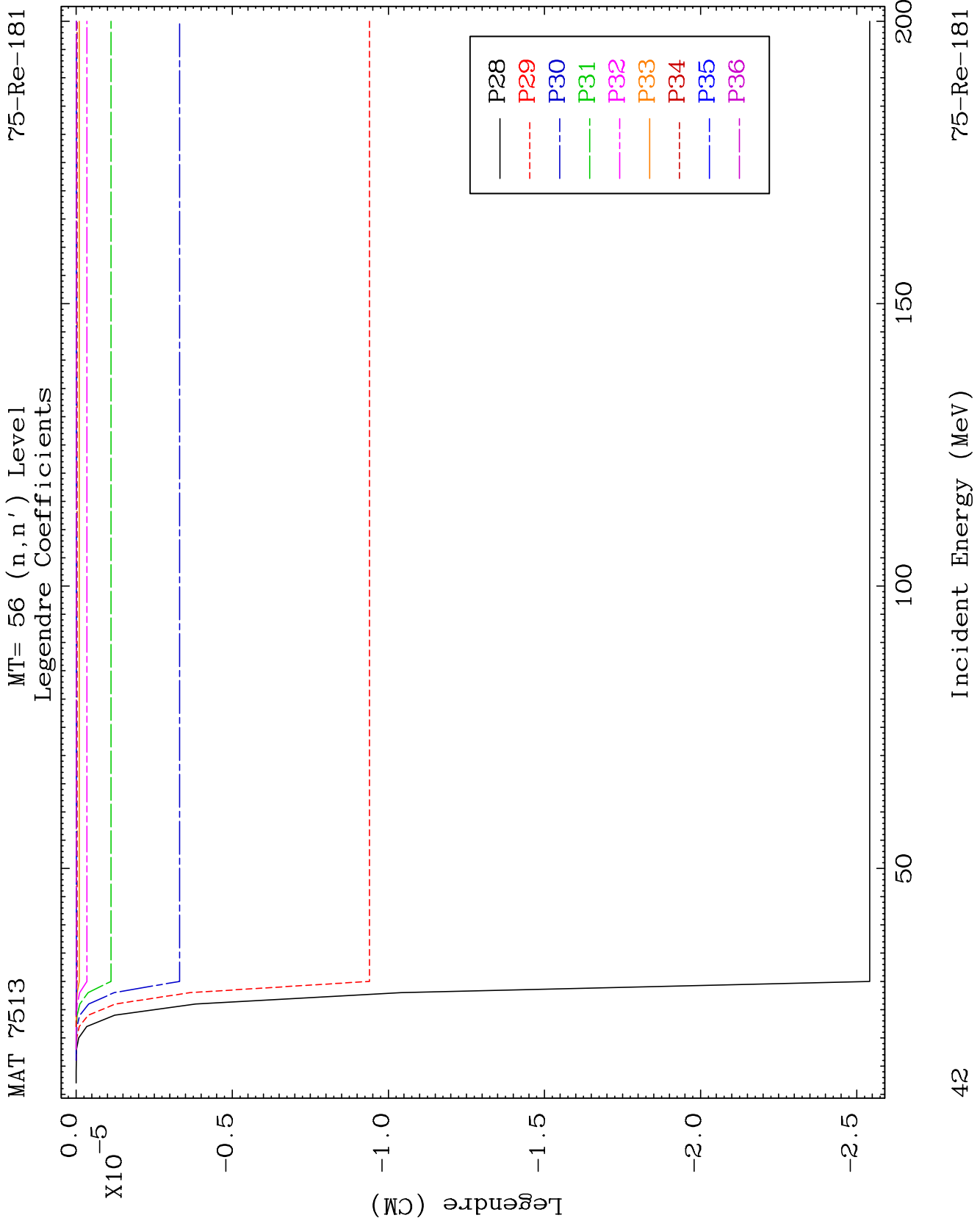


MAT 7513

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

75-Re-181

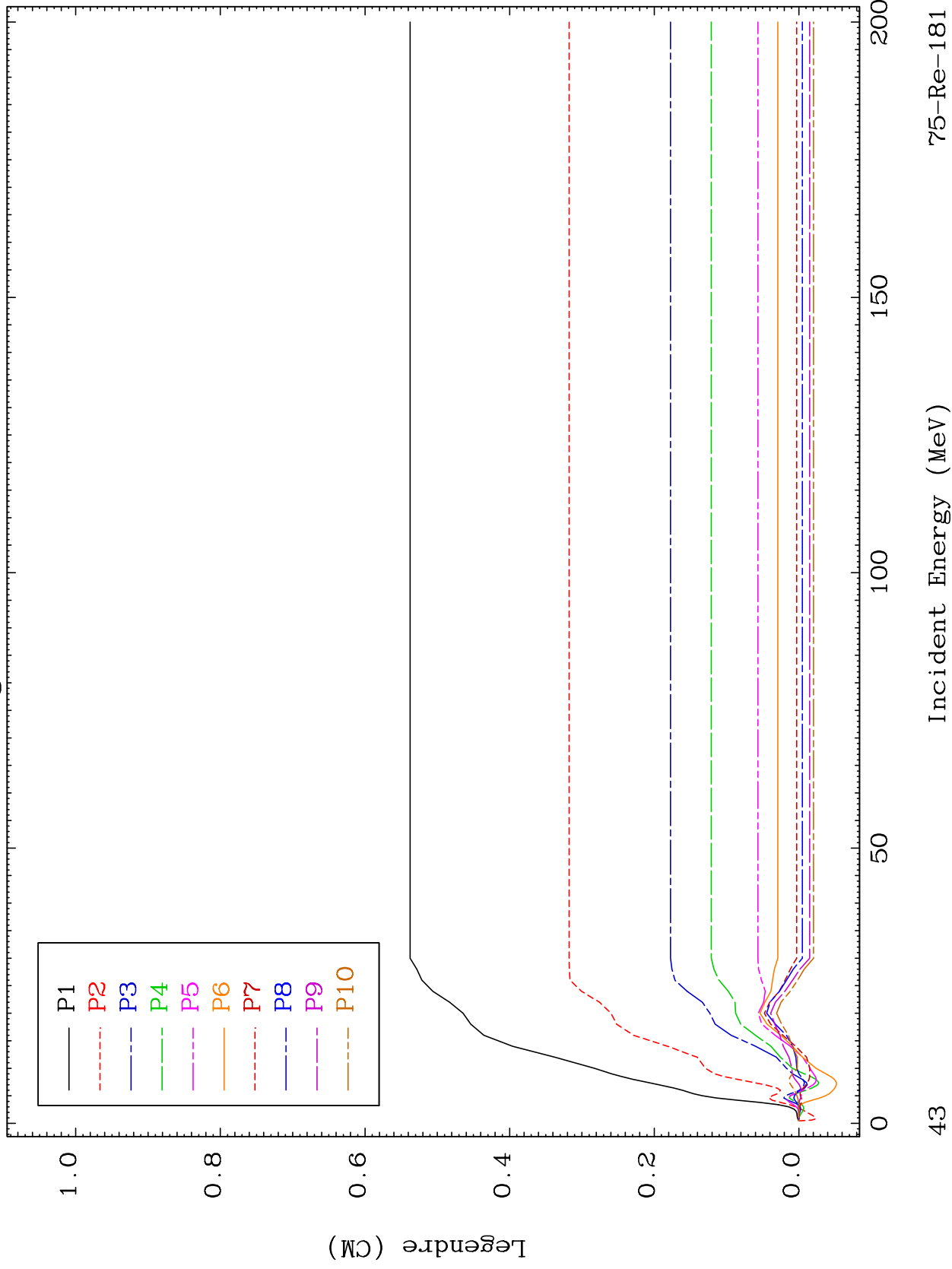




MAT 7513

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

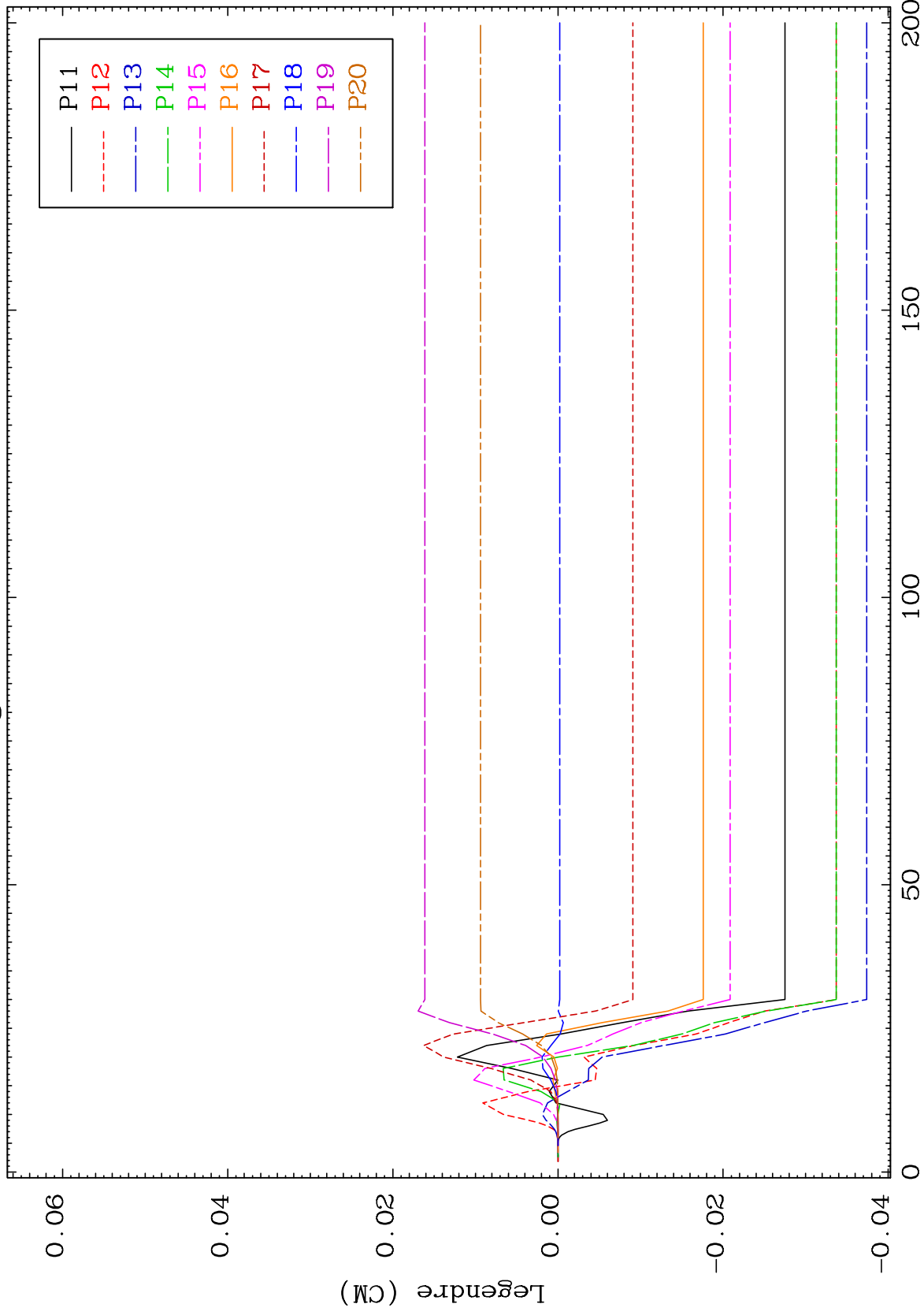
75-Re-181



MAT 7513

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

75-Re-181



44

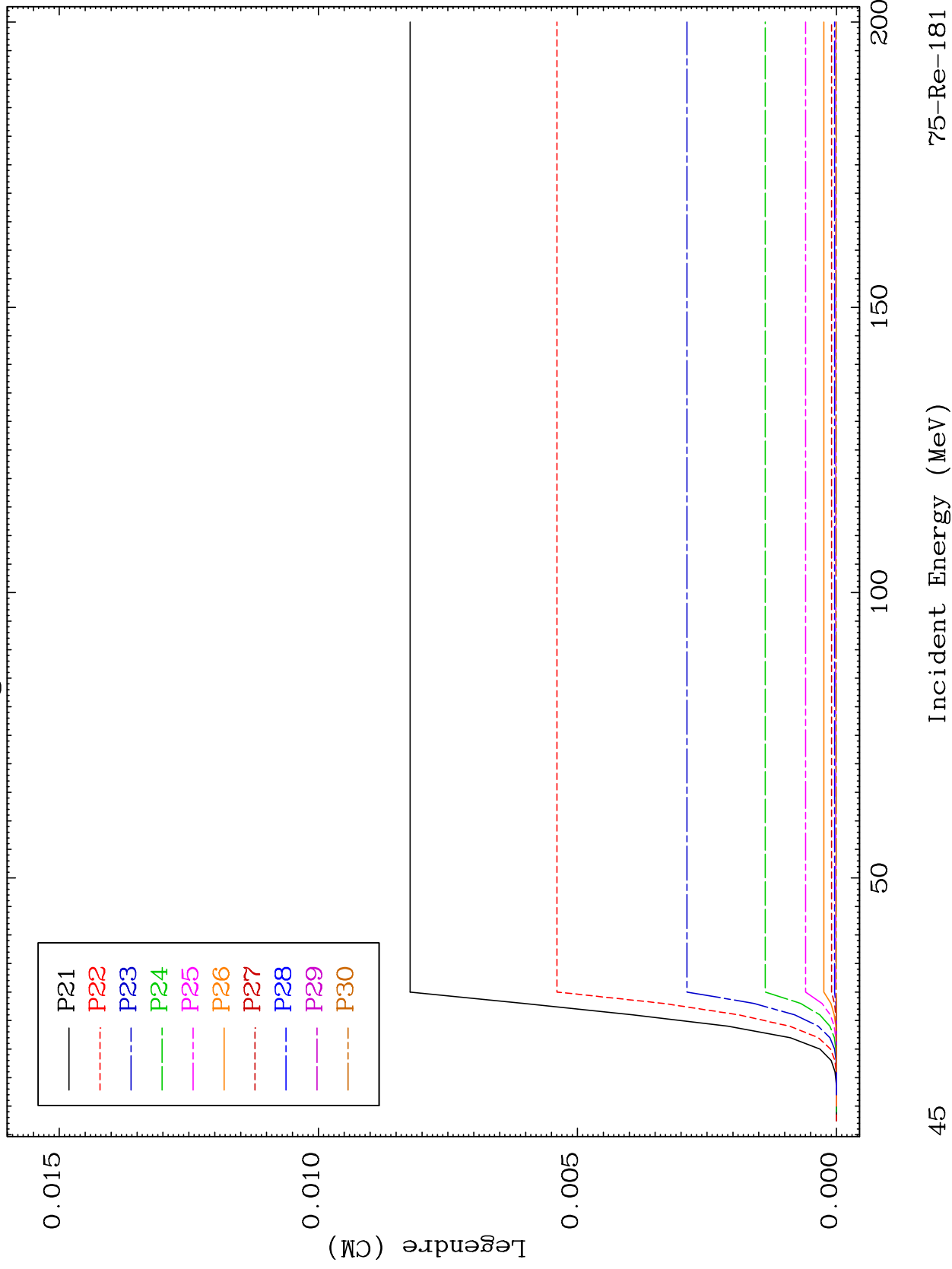
Incident Energy (MeV)

75-Re-181

MAT 7513

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

75-Re-181



45

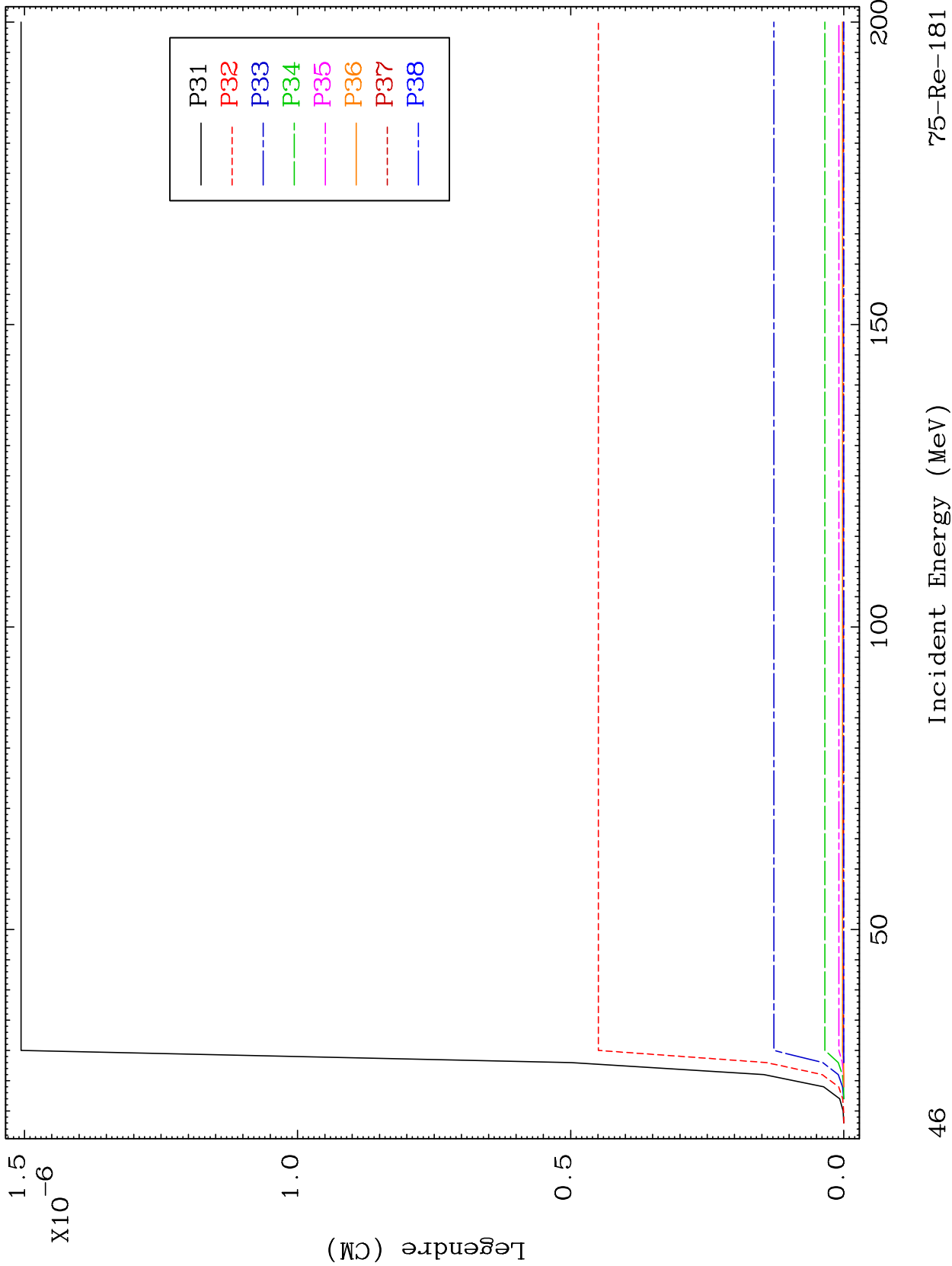
Incident Energy (MeV)

75-Re-181

MAT 7513

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

75-Re-181



46

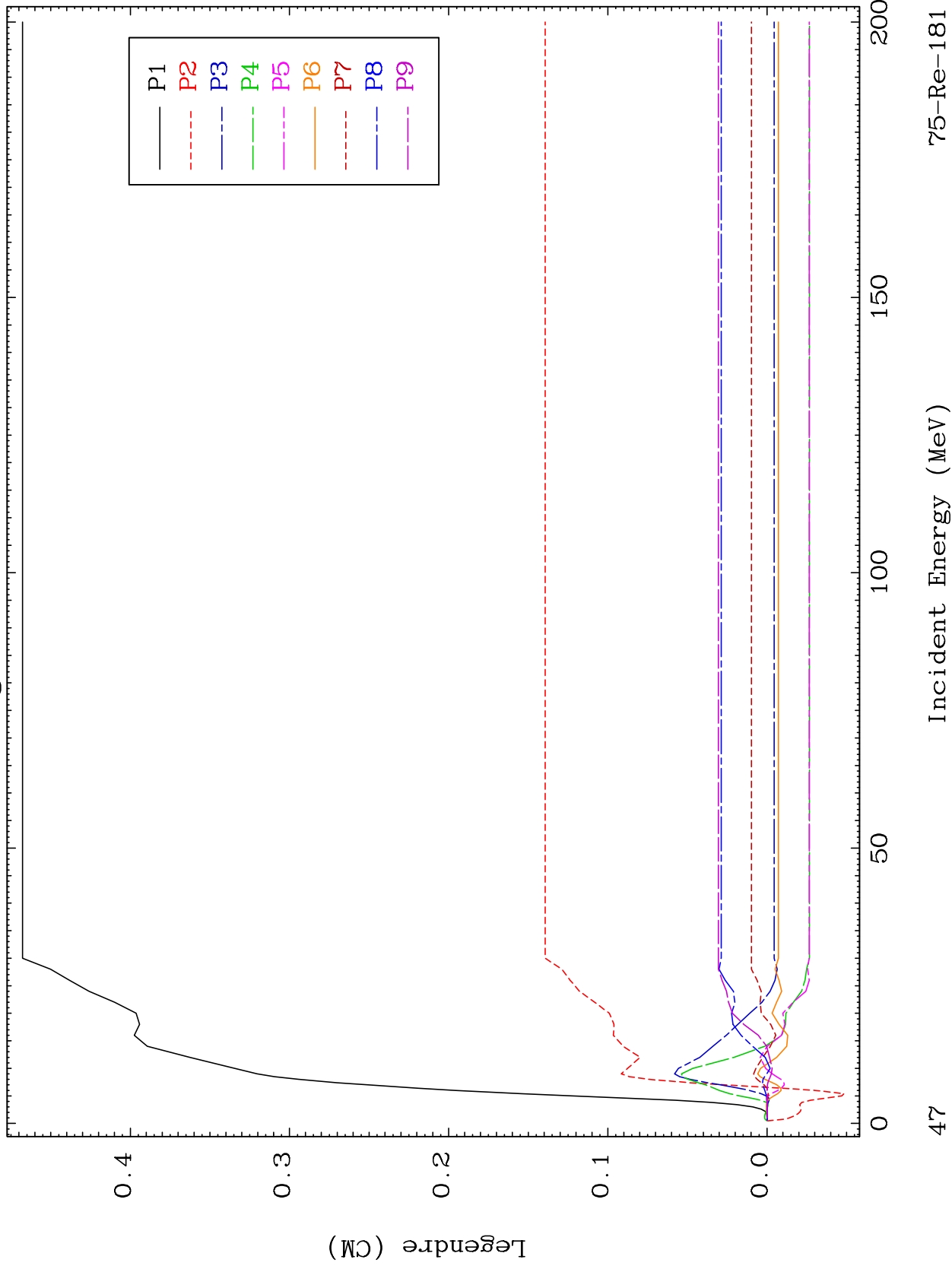
Incident Energy (MeV)

75-Re-181

MAT 7513

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

75-Re-181



47

Incident Energy (MeV)

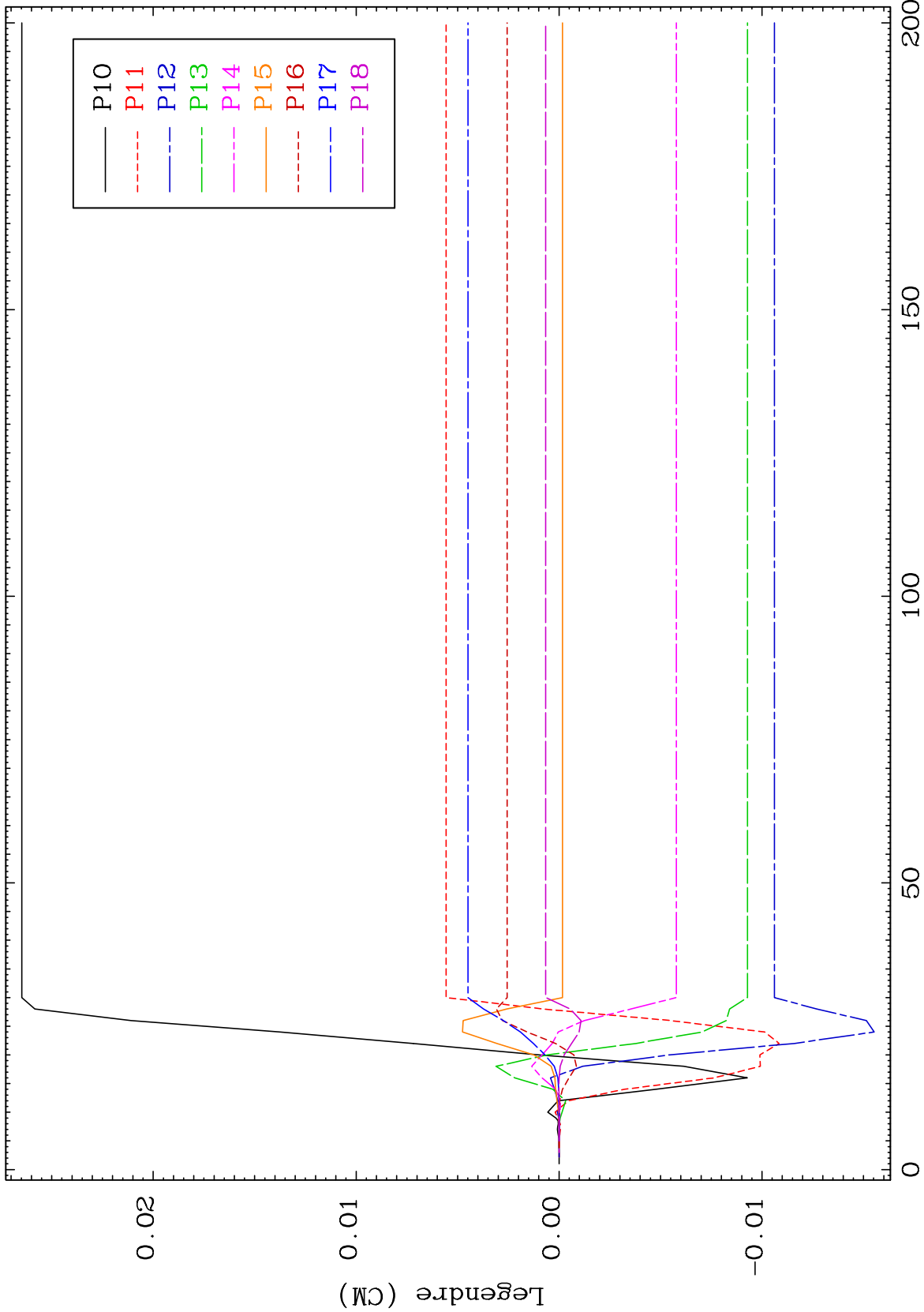
75-Re-181

MAT 7513

MT= 58 (n,n') Level

75-Re-181

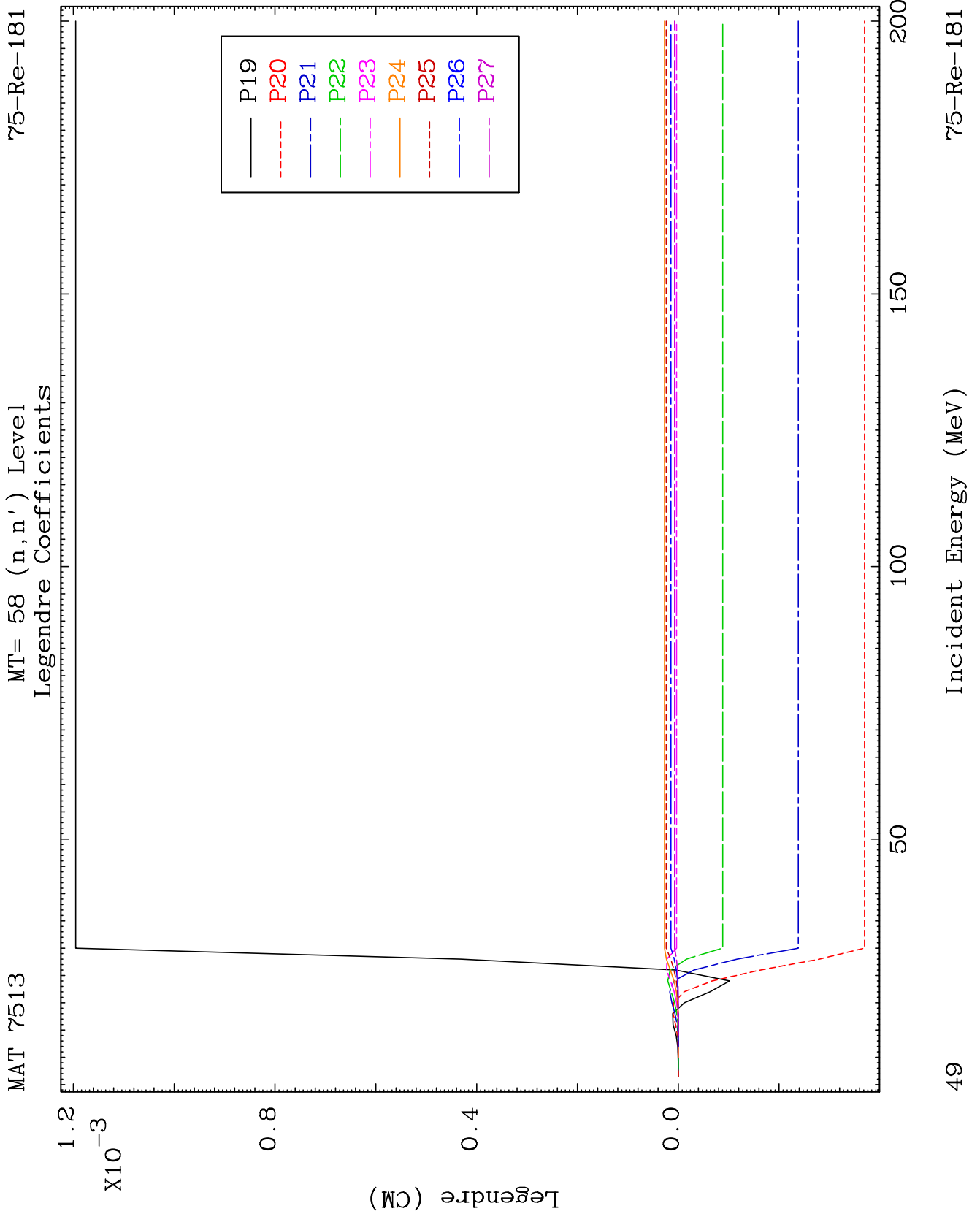
Legendre Coefficients



48

Incident Energy (MeV)

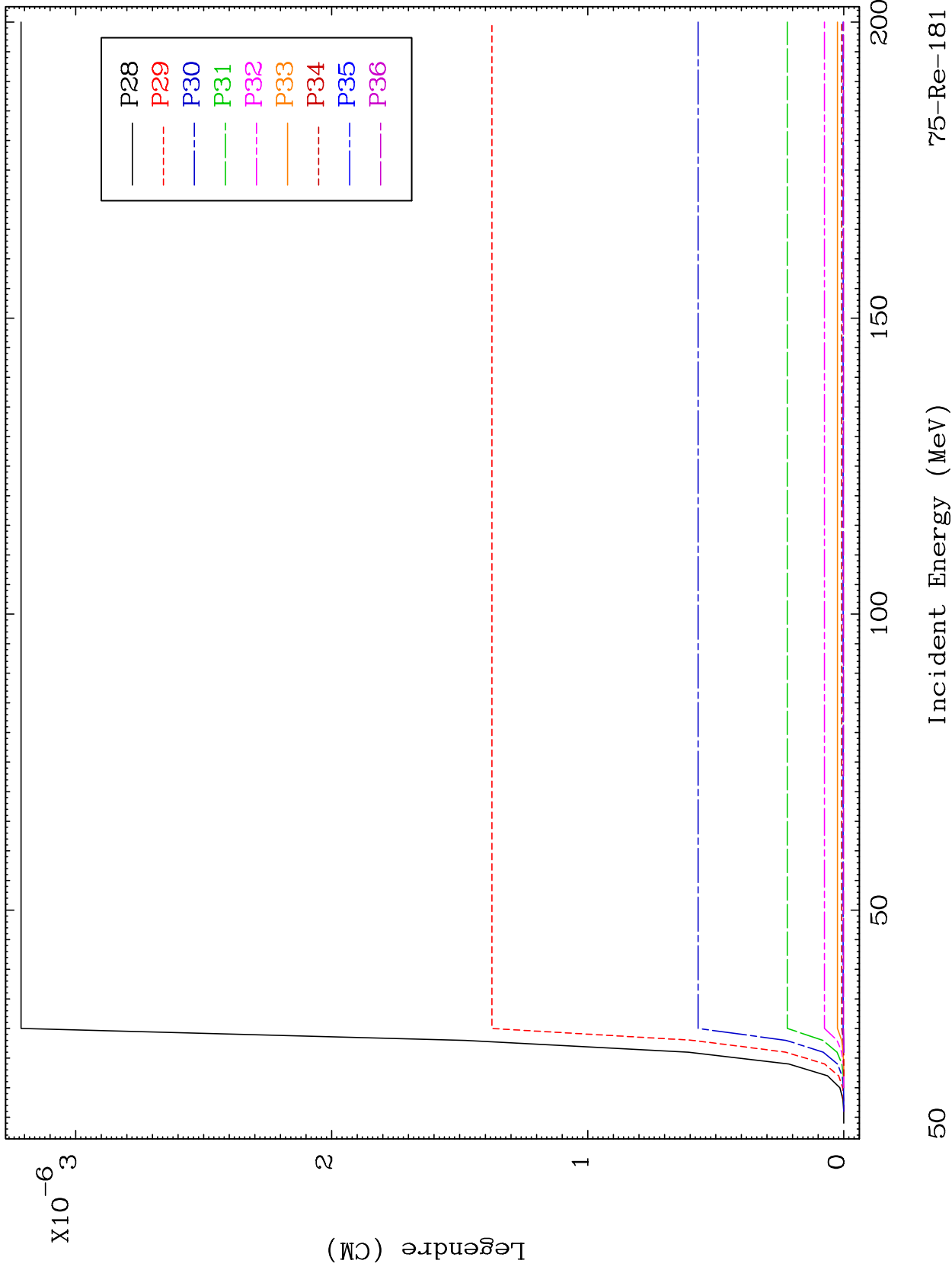
75-Re-181



MAT 7513

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

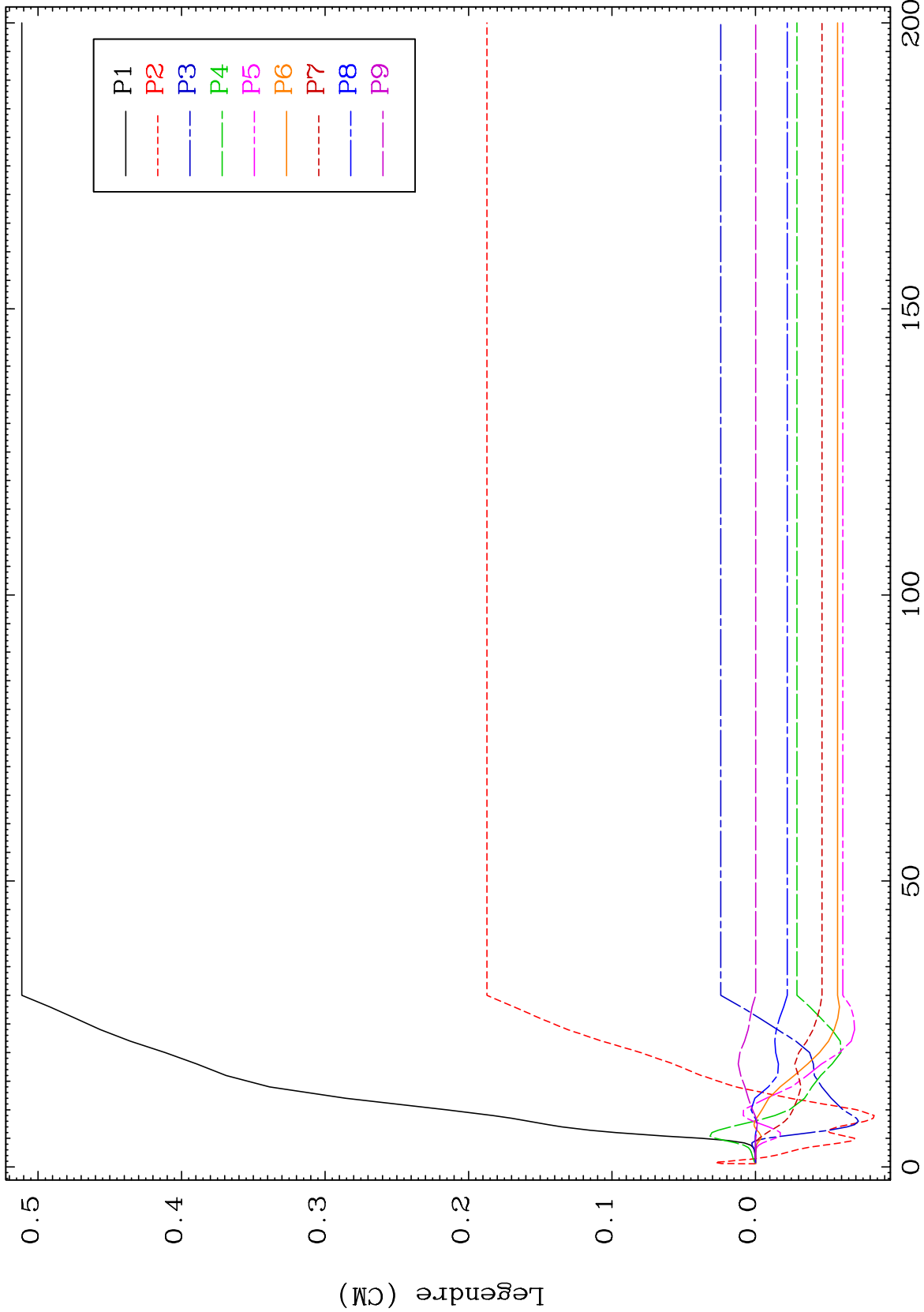
75-Re-181



MAT 7513

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

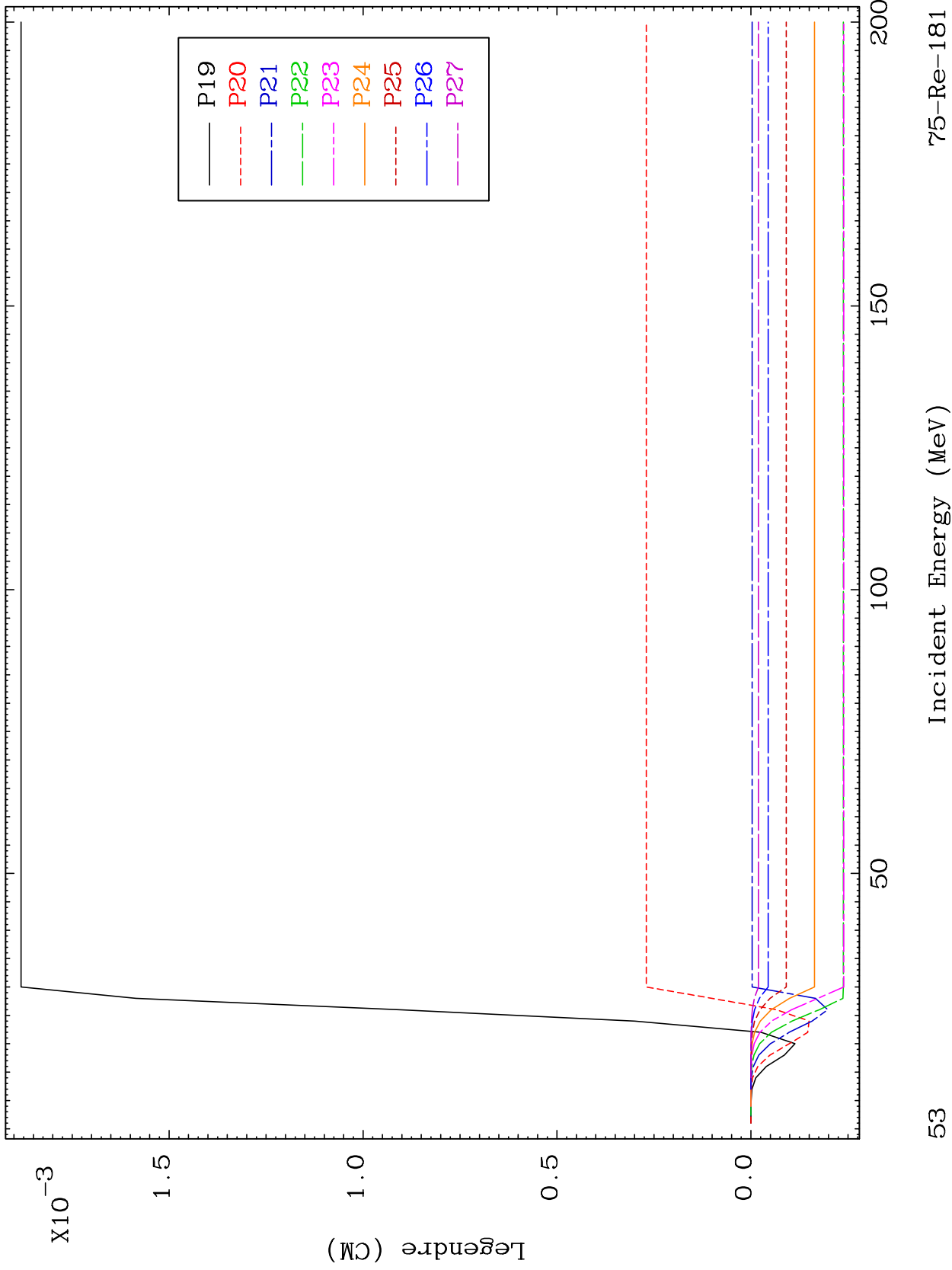
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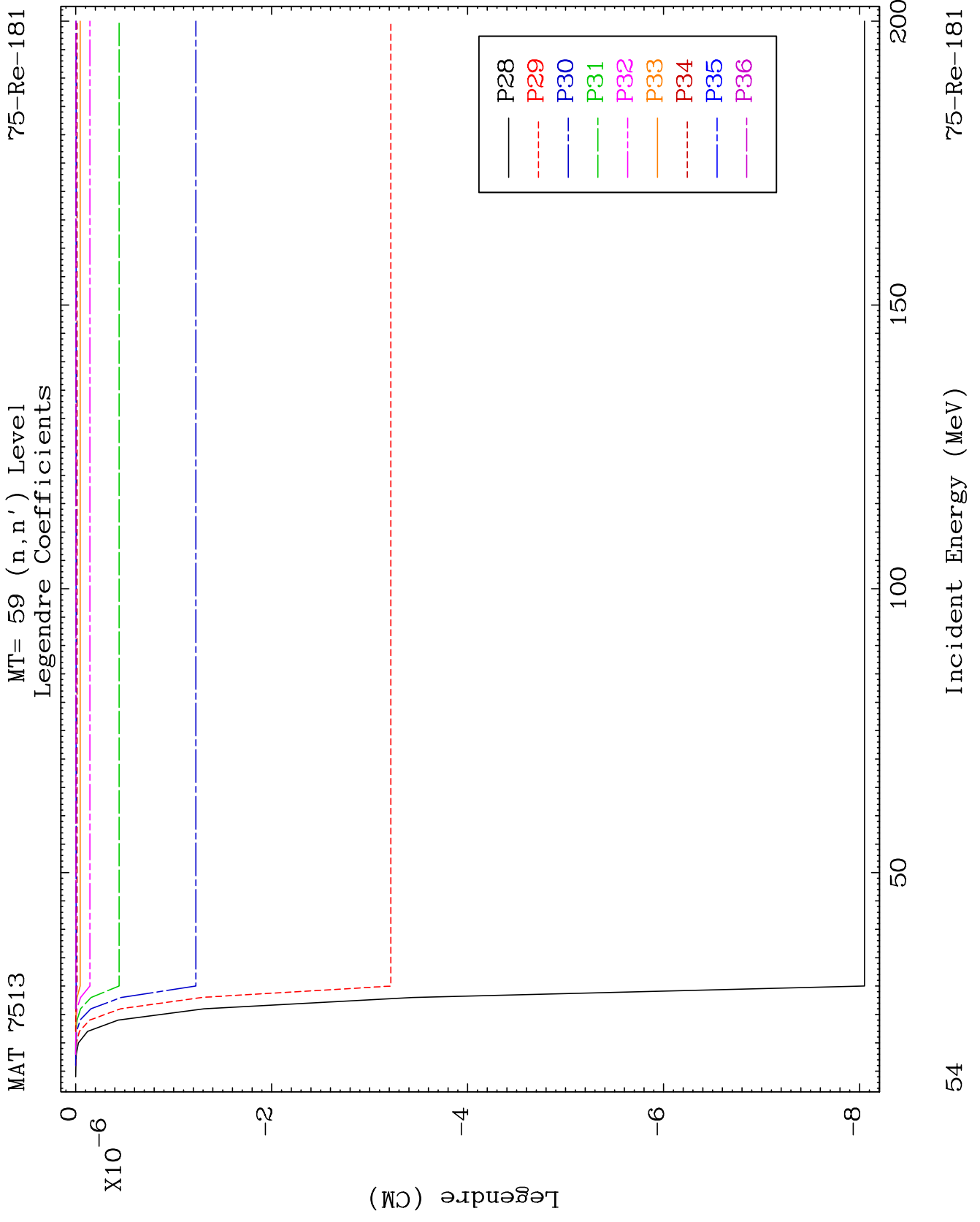


51

Incident Energy (MeV)

75-Re-181

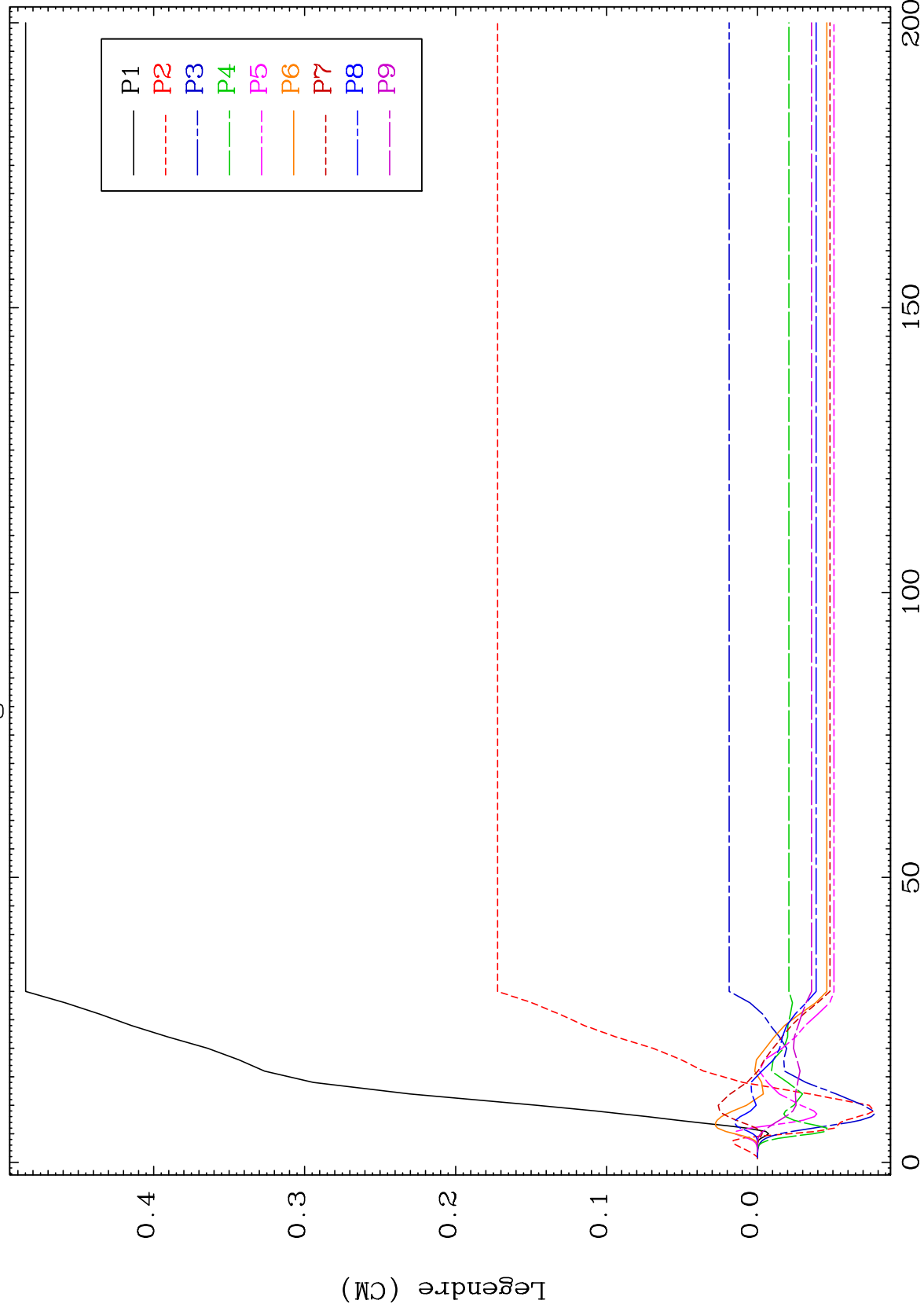




MAT 7513

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

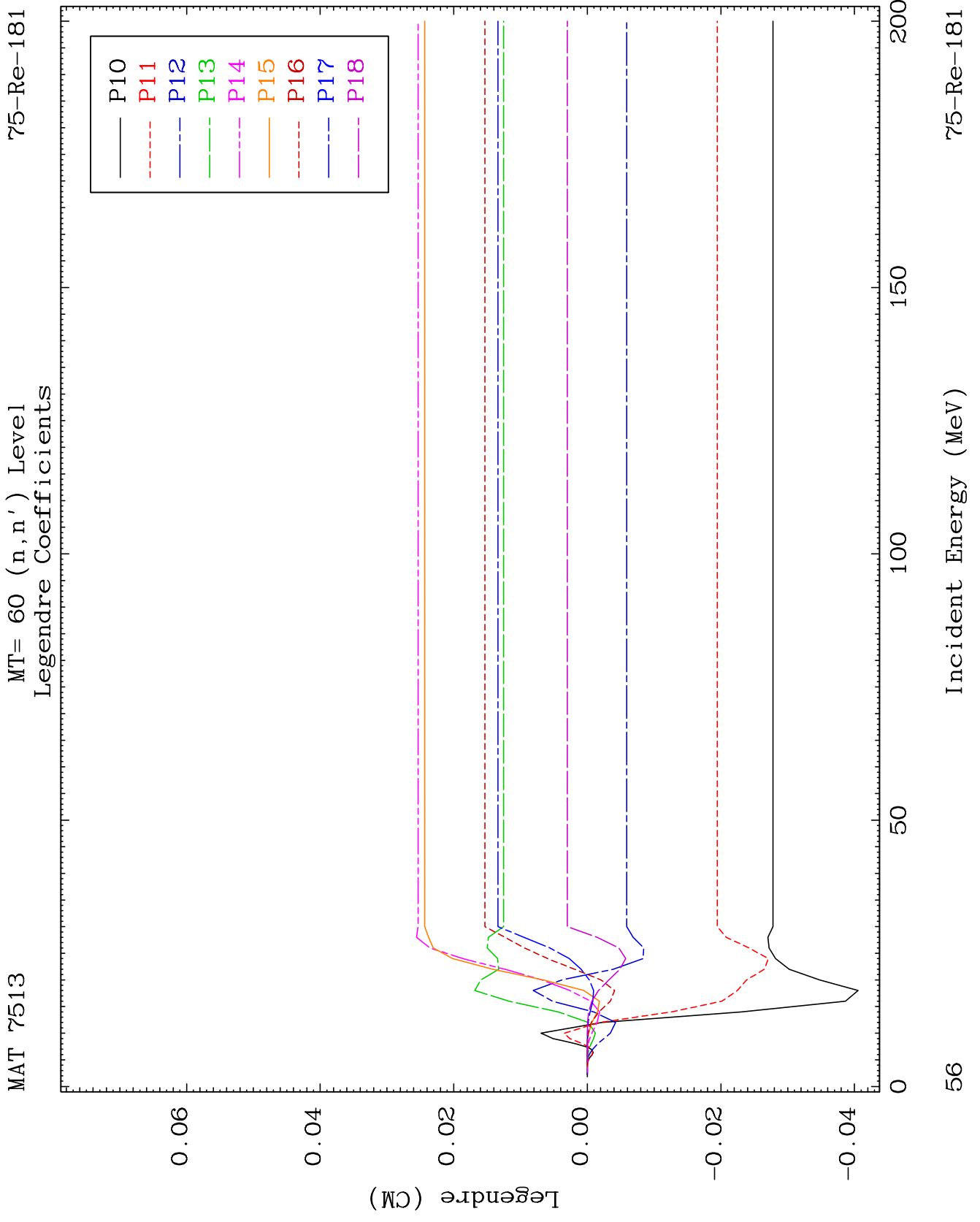
75-Re-181



75-Re-181

Incident Energy (MeV)

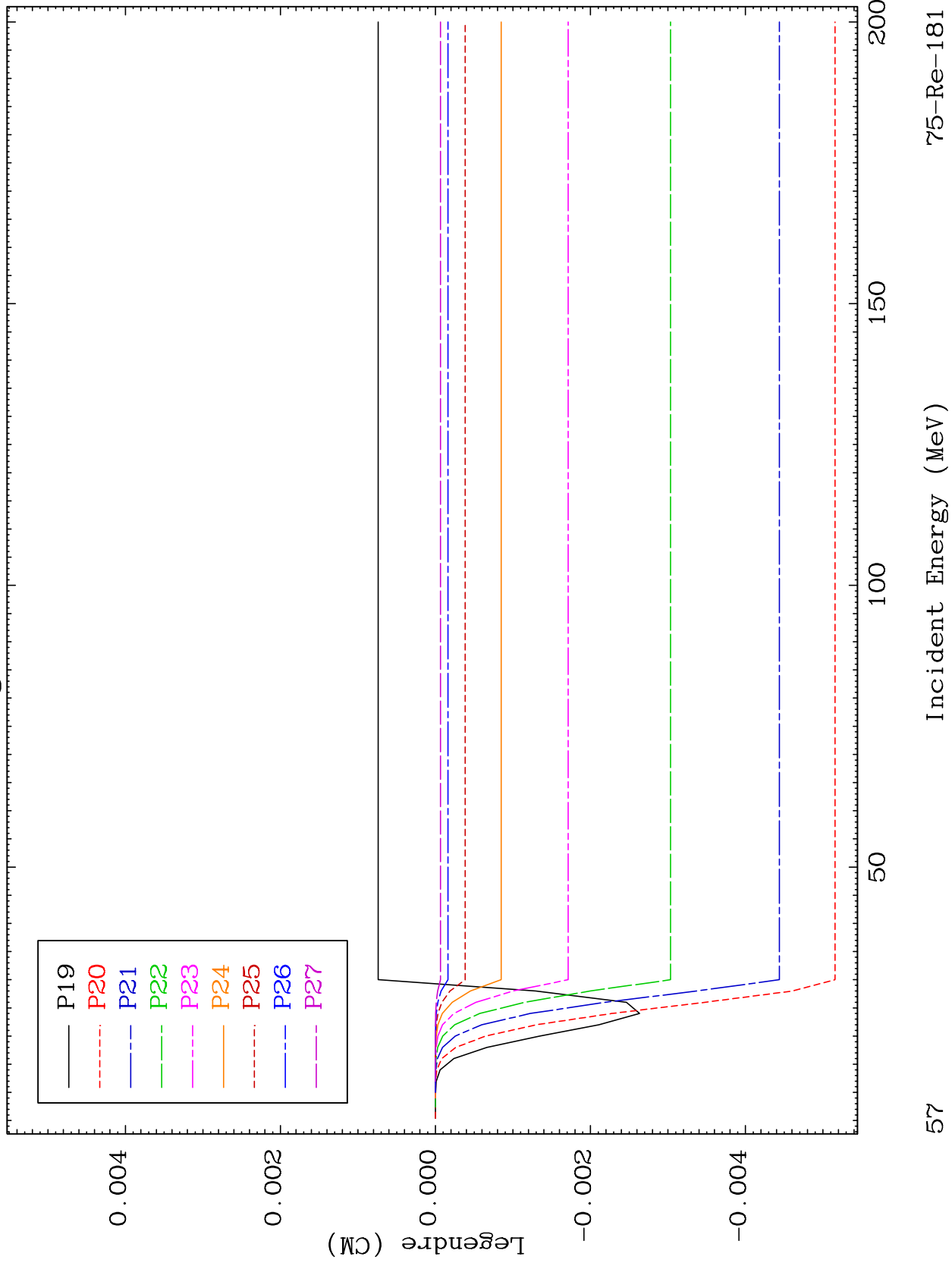
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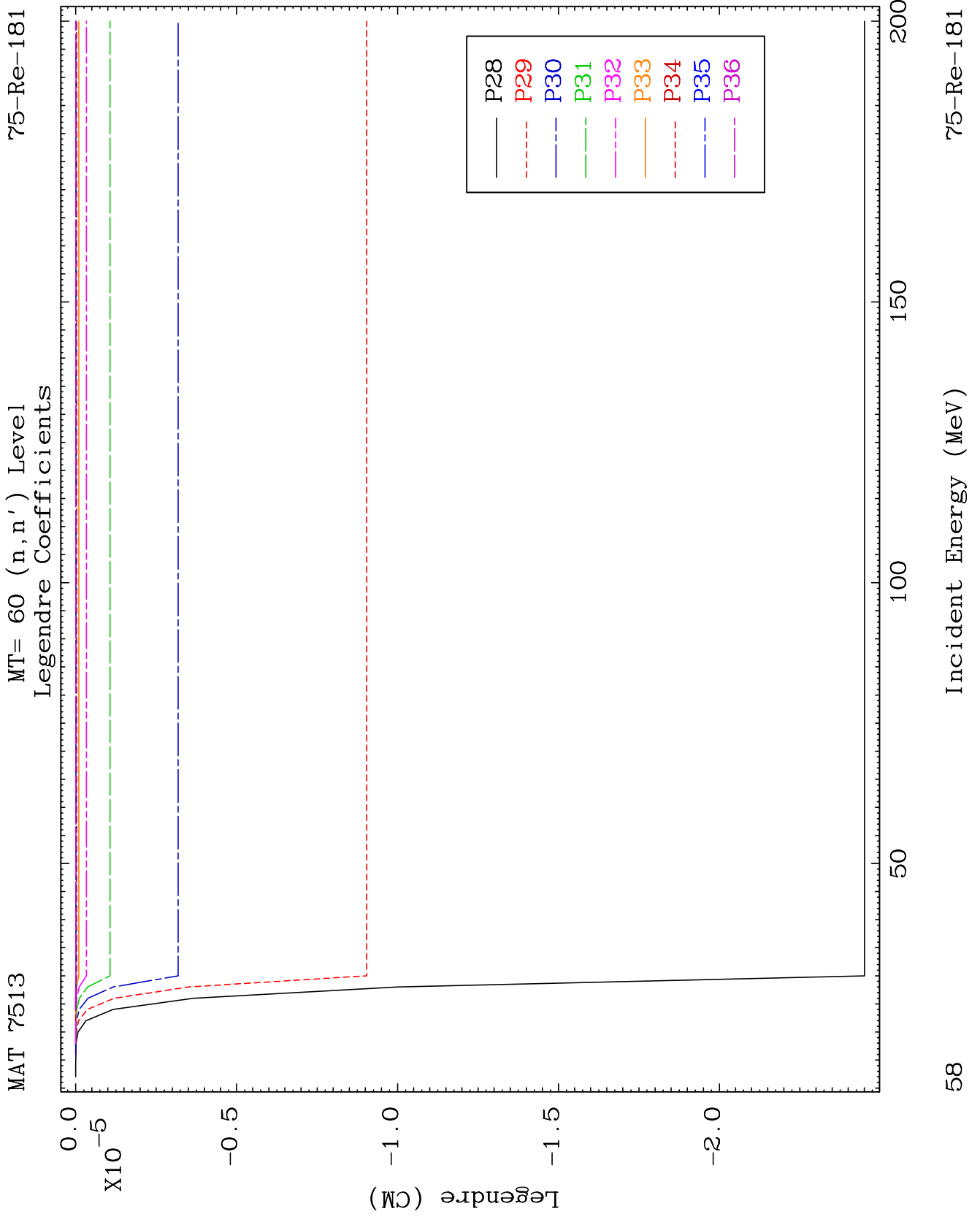


MAT 7513

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

75-Re-181

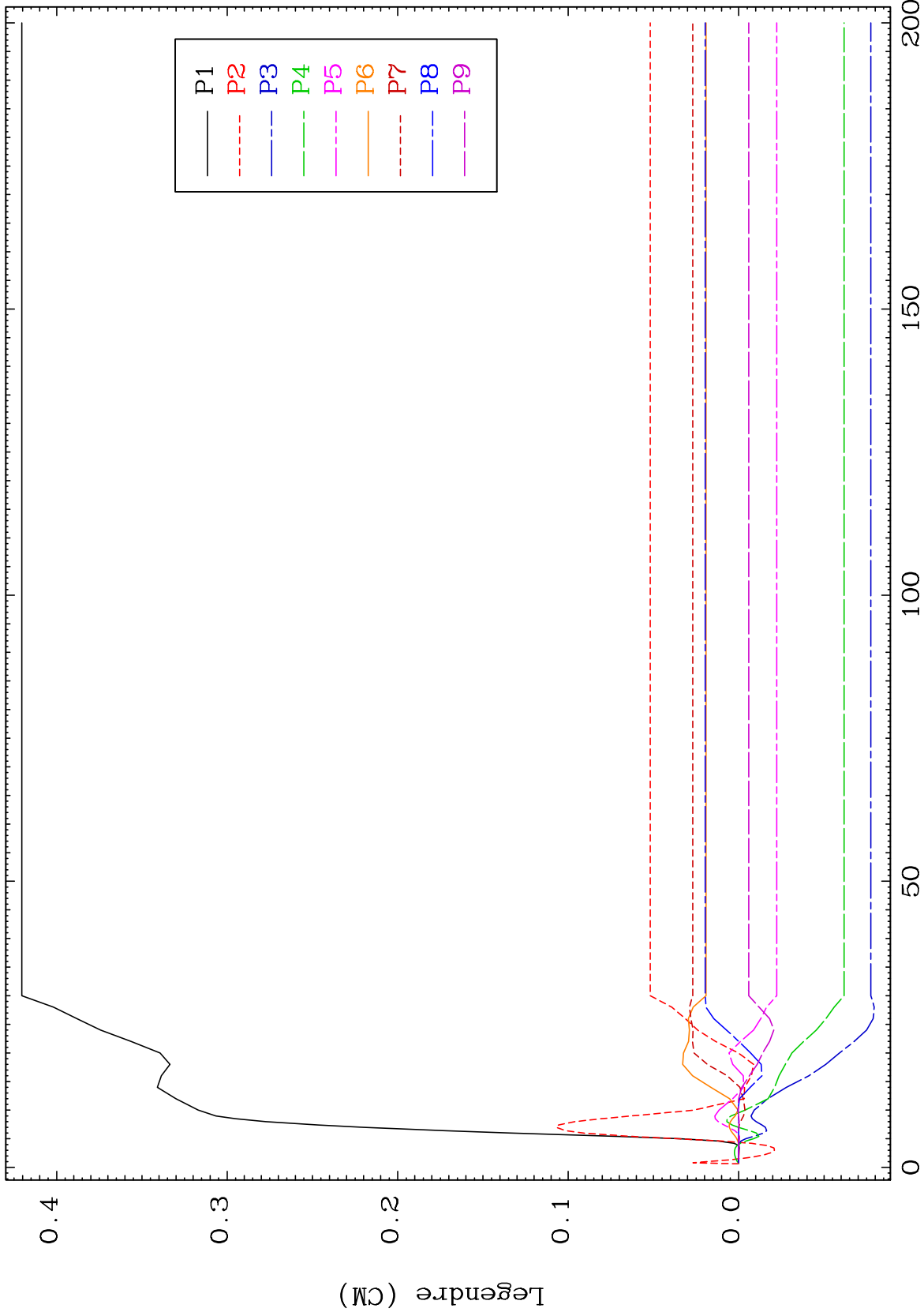




MAT 7513

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

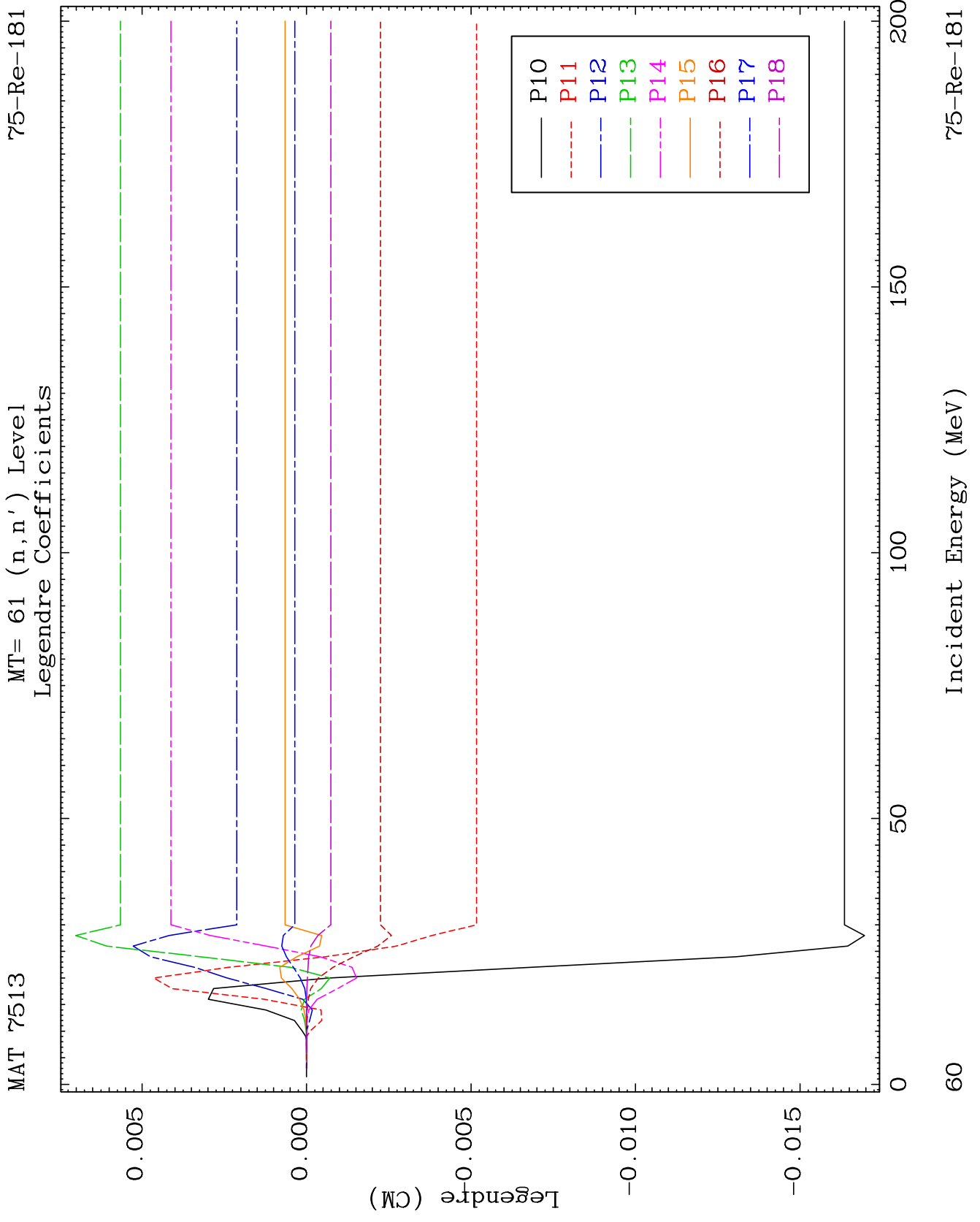
75-Re-181



59

Incident Energy (MeV)

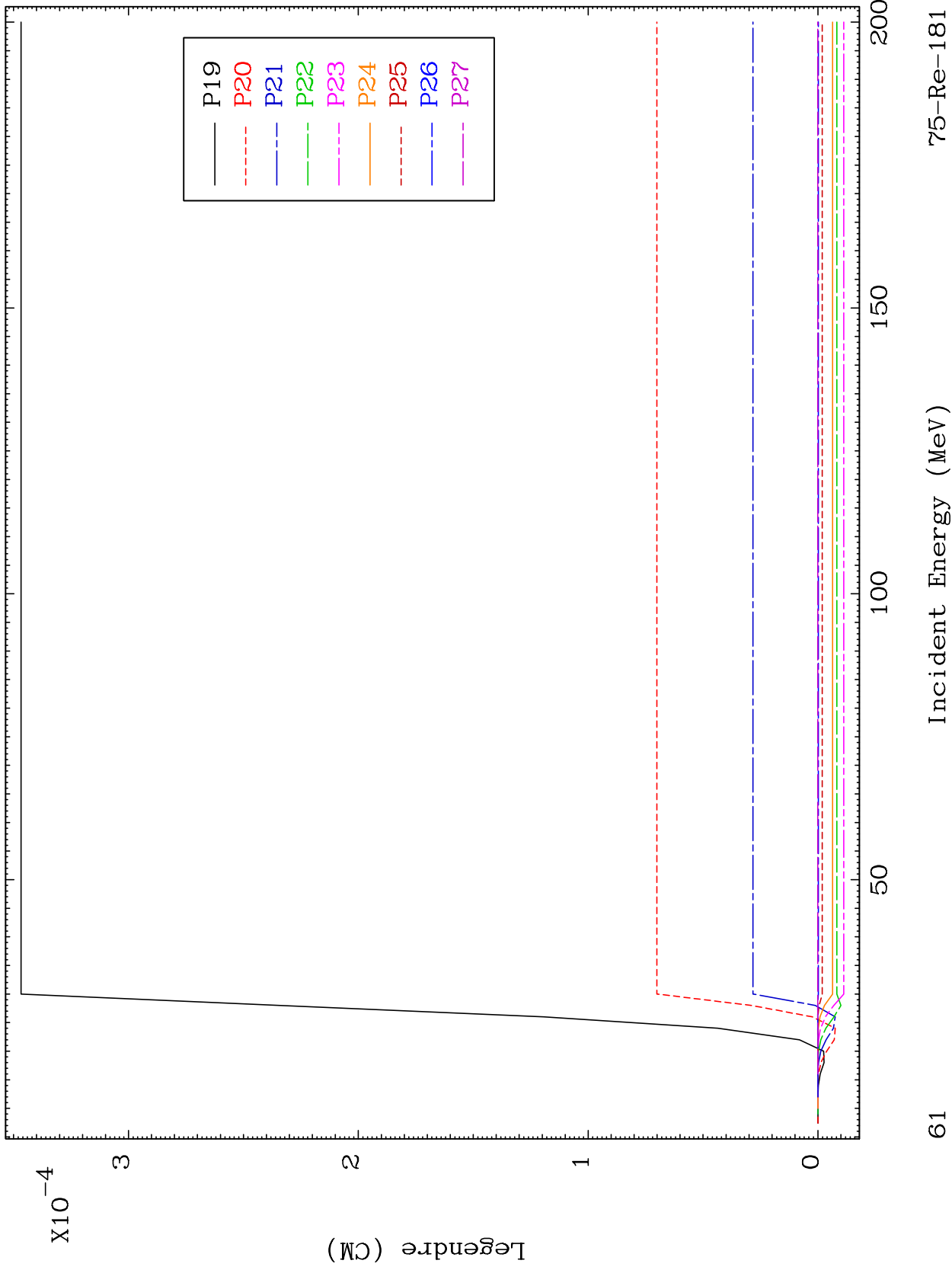
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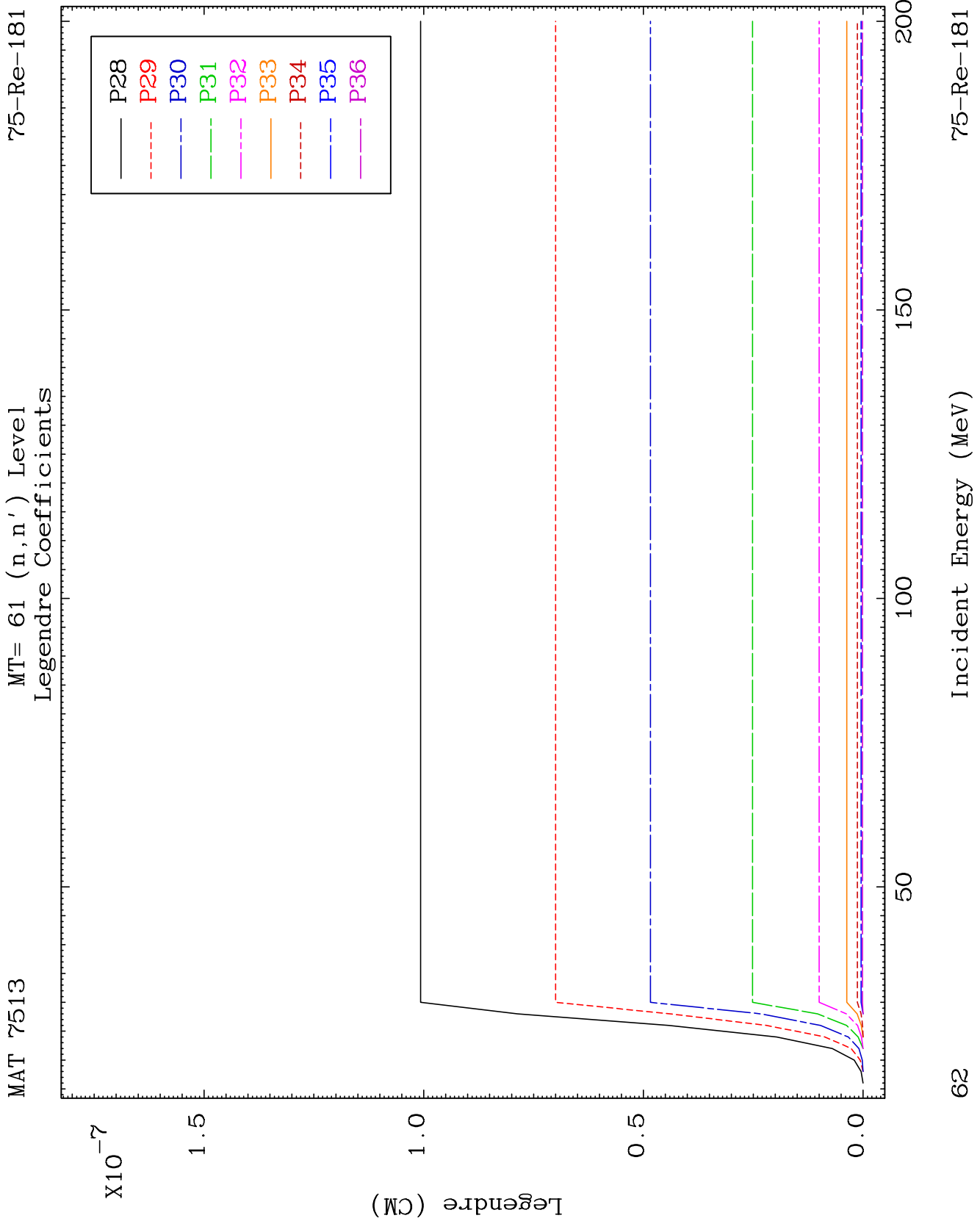


MAT 7513

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

75-Re-181

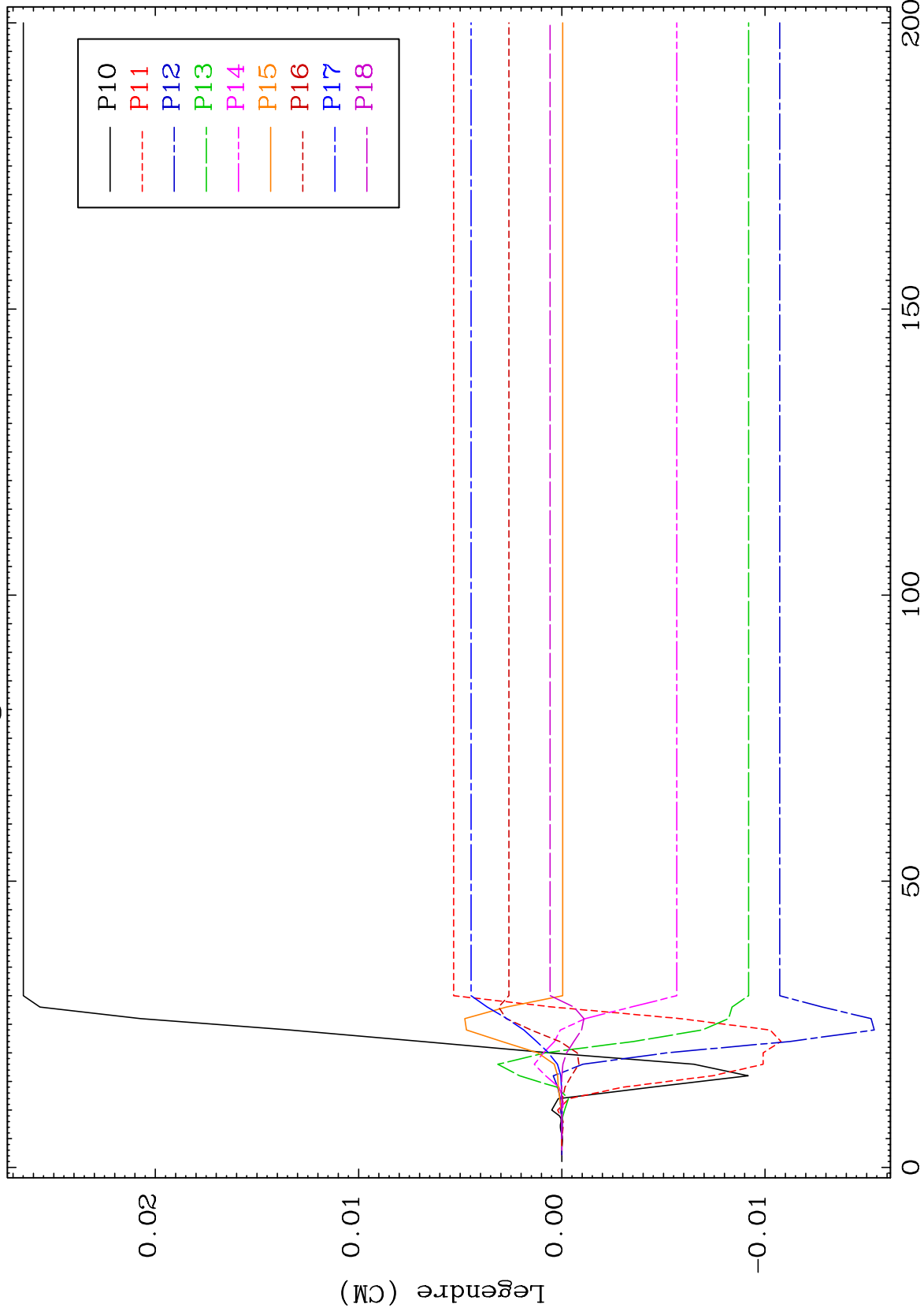




MAT 7513

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

75-Re-181



64

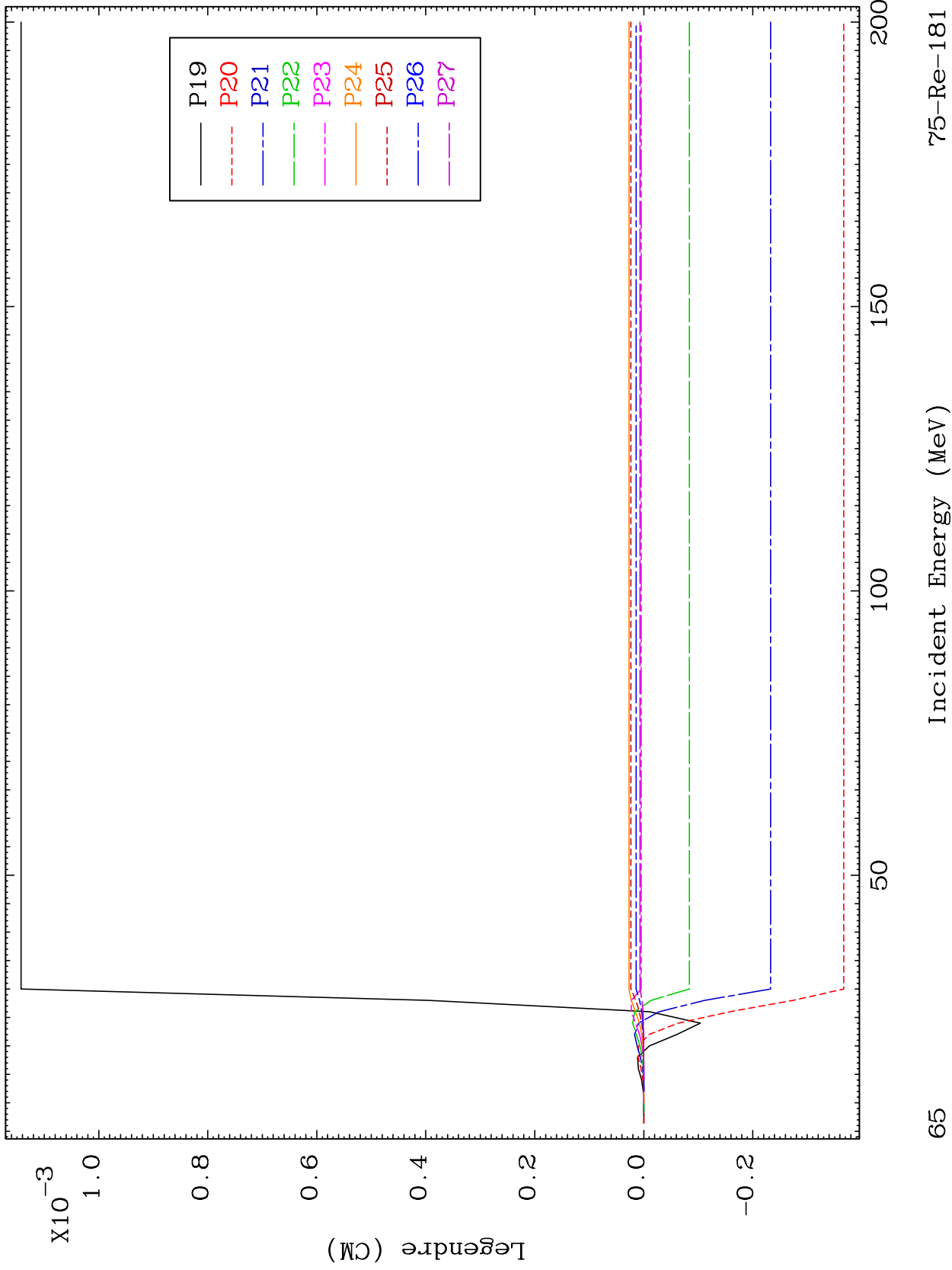
Incident Energy (MeV)

75-Re-181

MAT 7513

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

75-Re-181



65

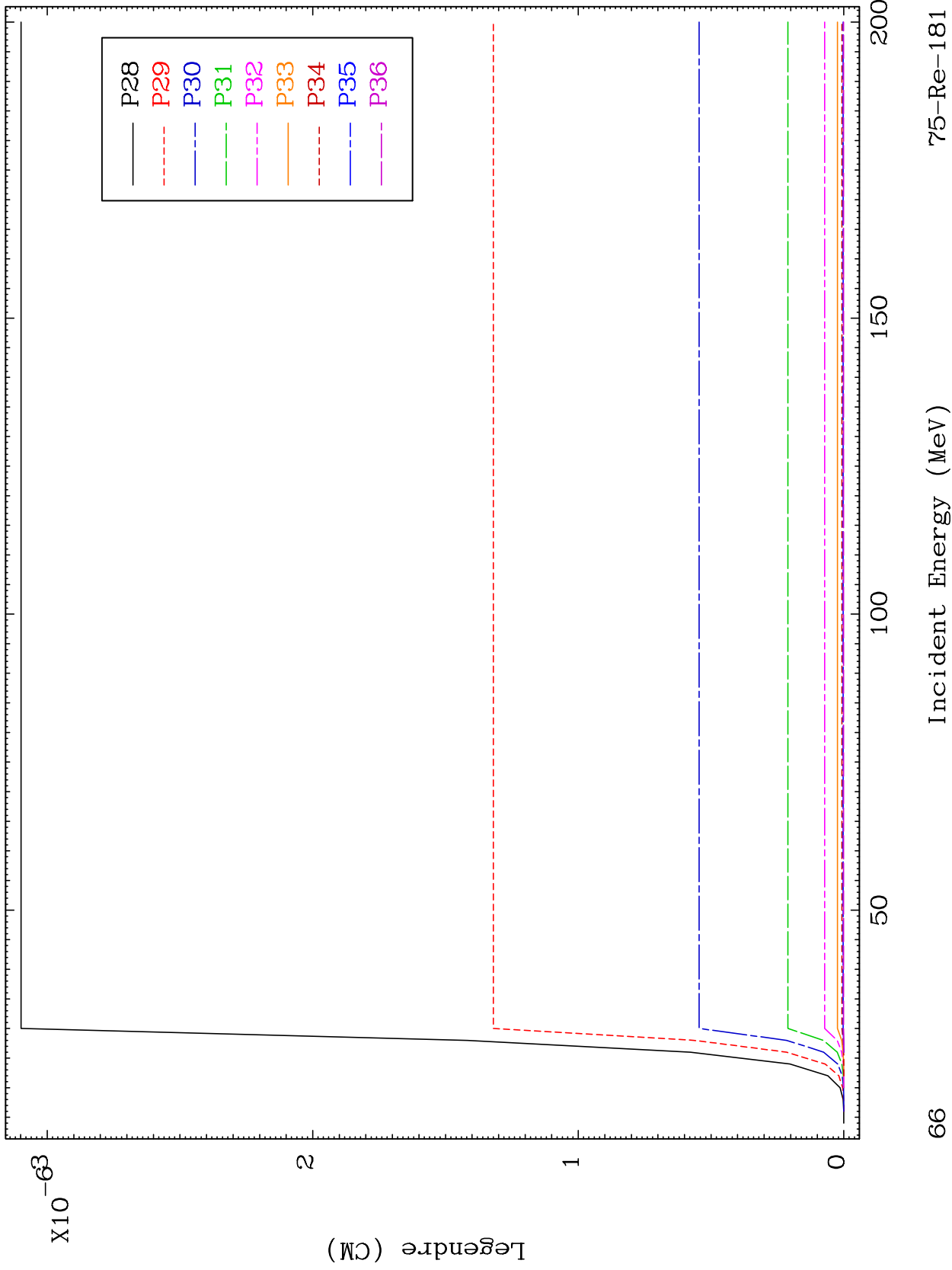
Incident Energy (MeV)

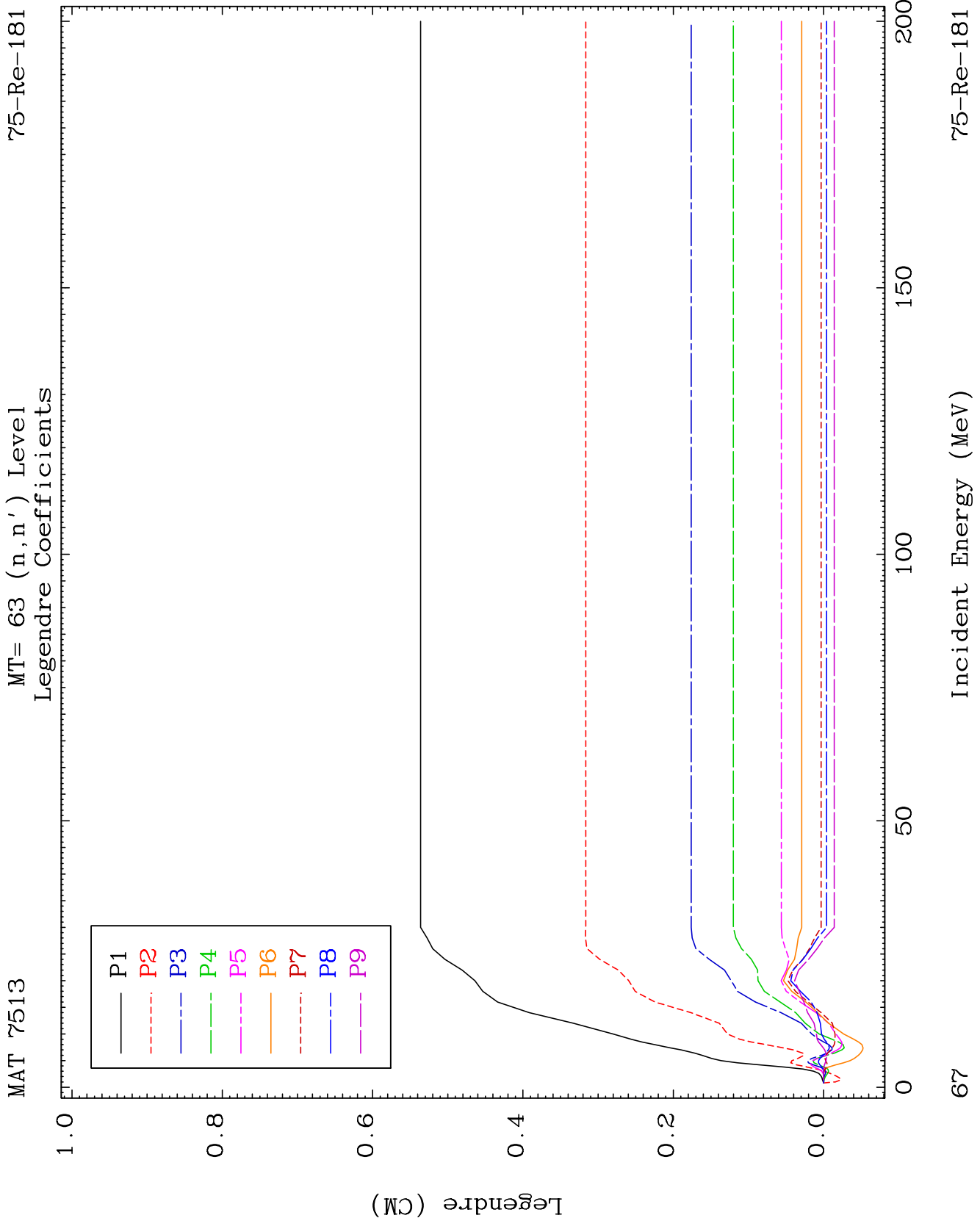
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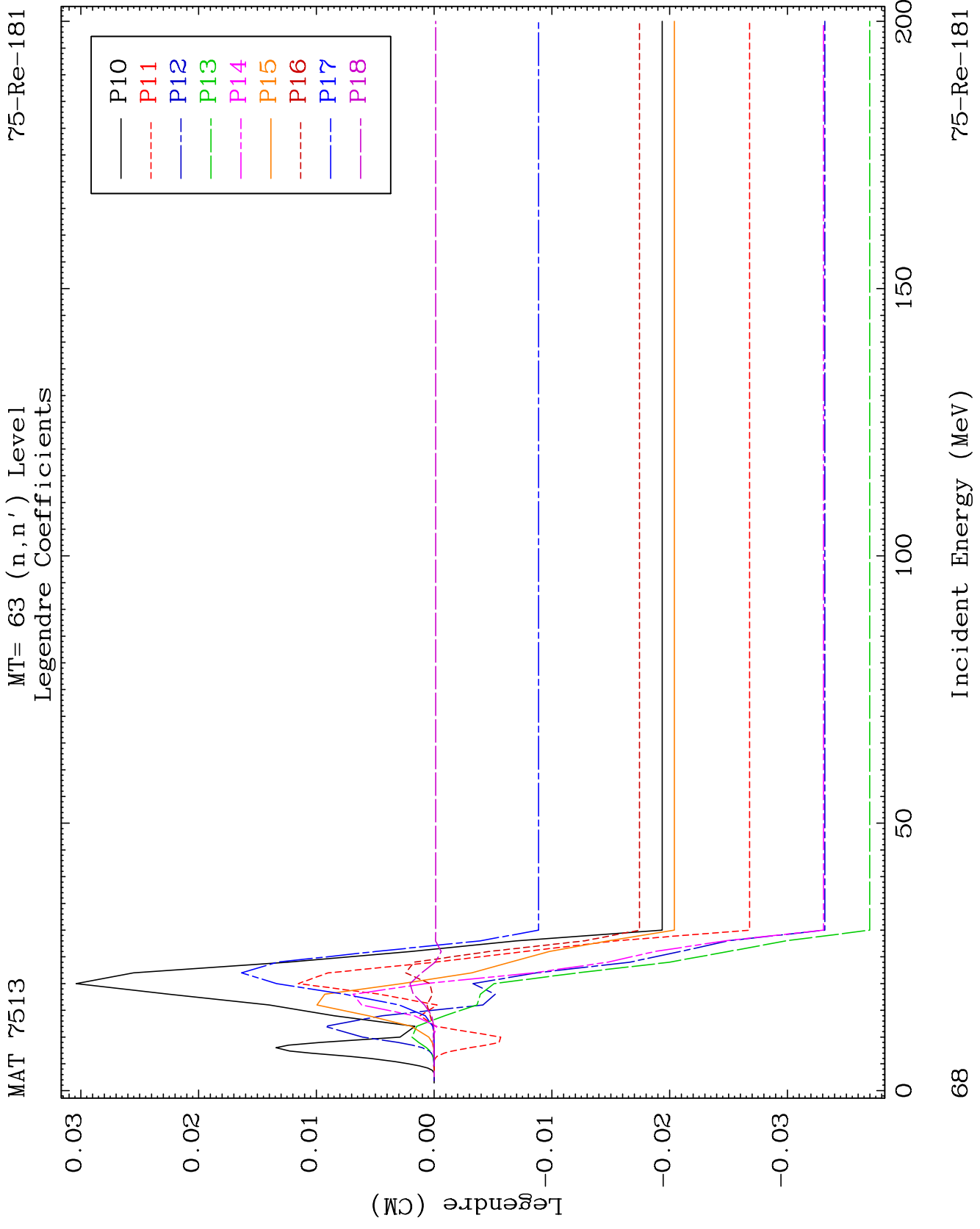
MAT 7513

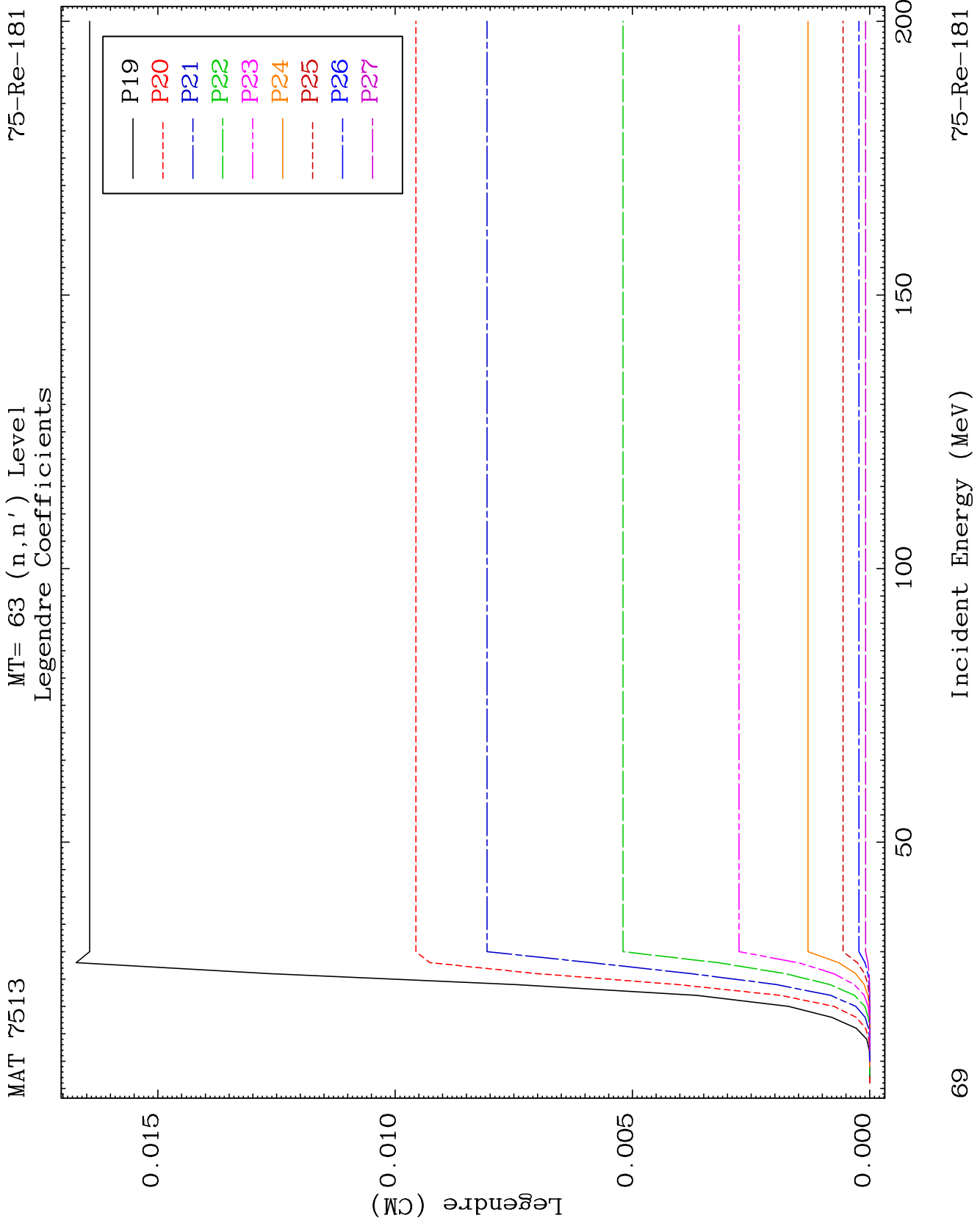
MT= 62 (n,n') Level
Legendre Coefficients

75-Re-181





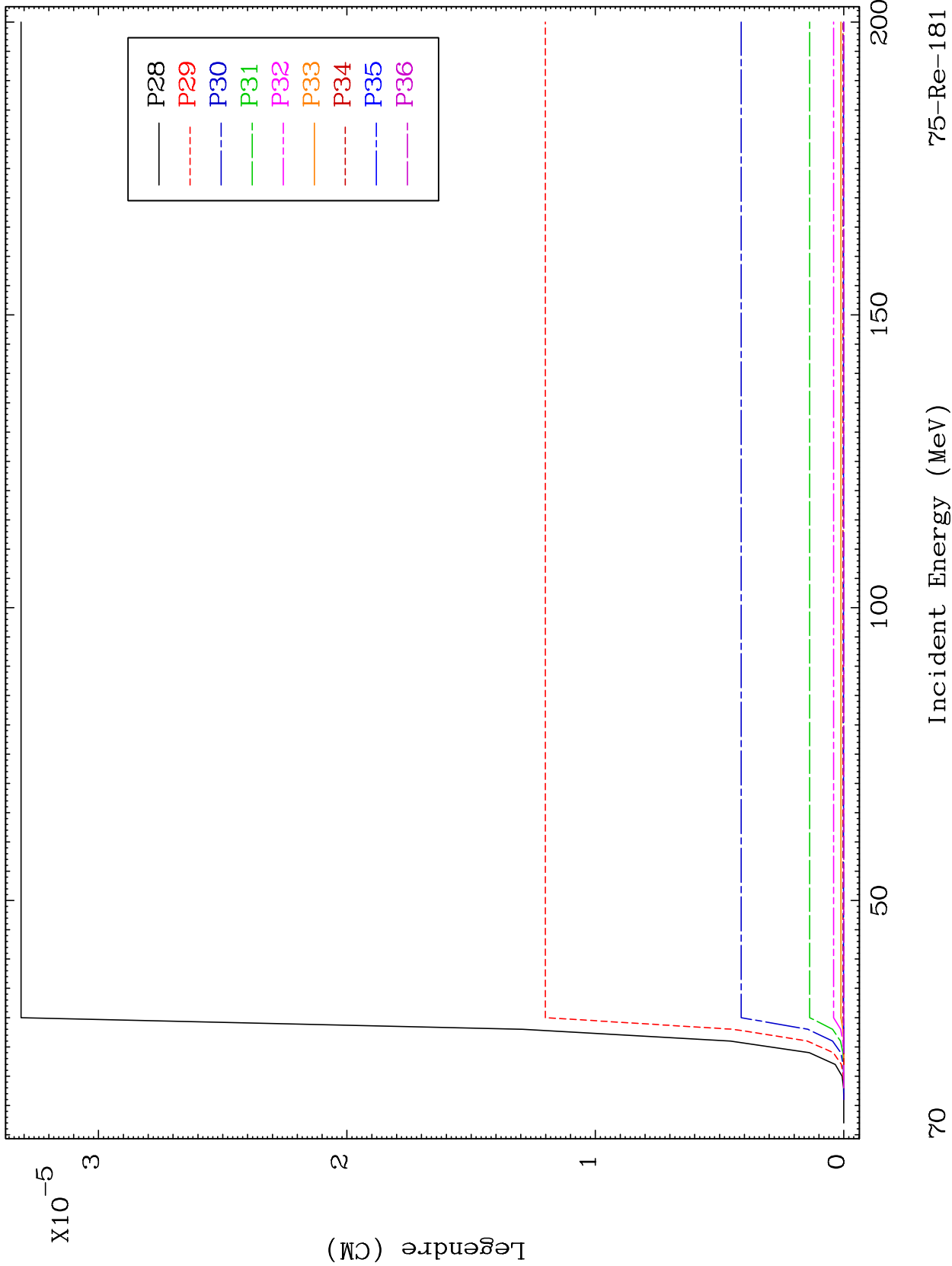




MAT 7513

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

75-Re-181

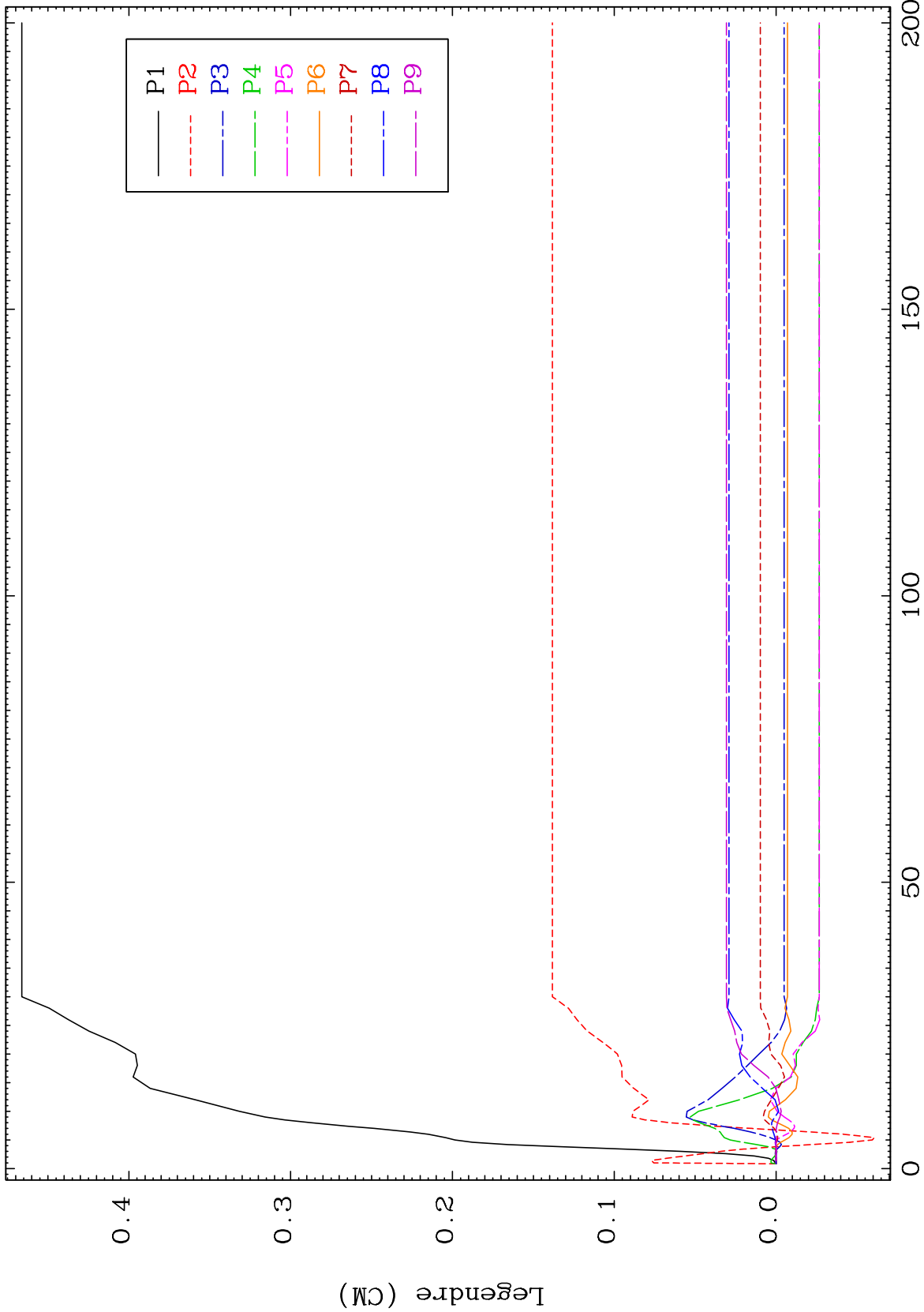


MAT 7513

MT= 64 (n,n') Level

75-Re-181

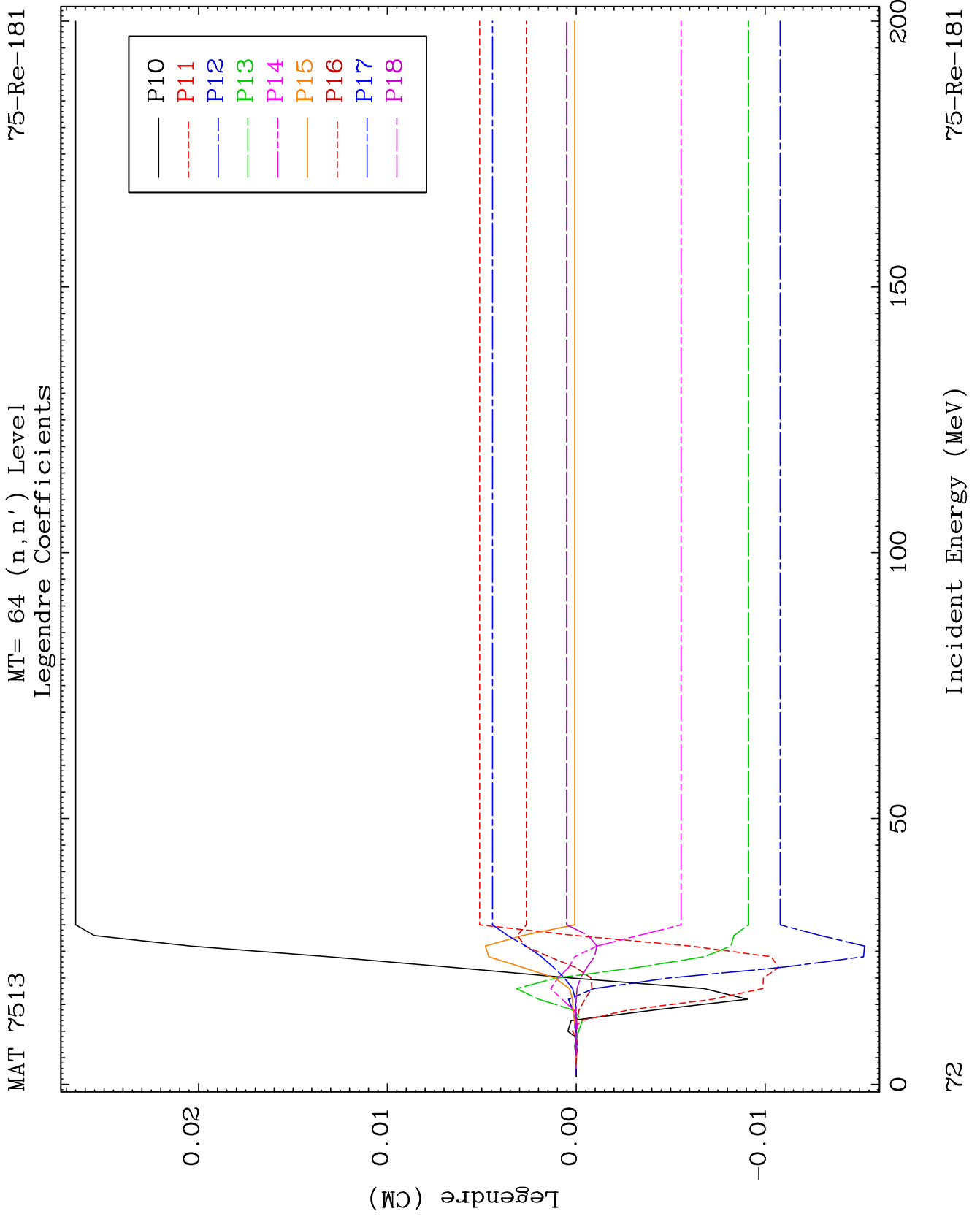
Legendre Coefficients

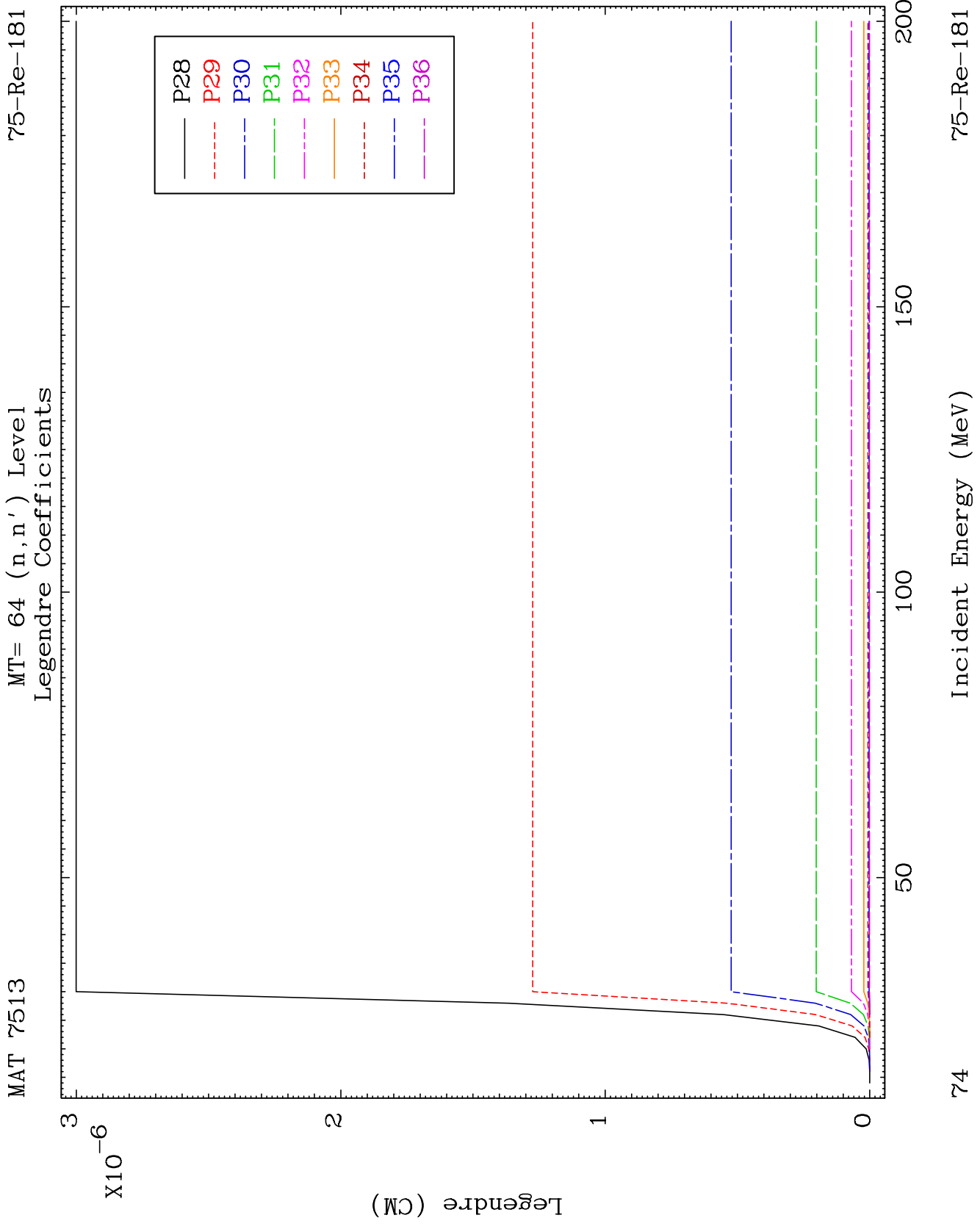


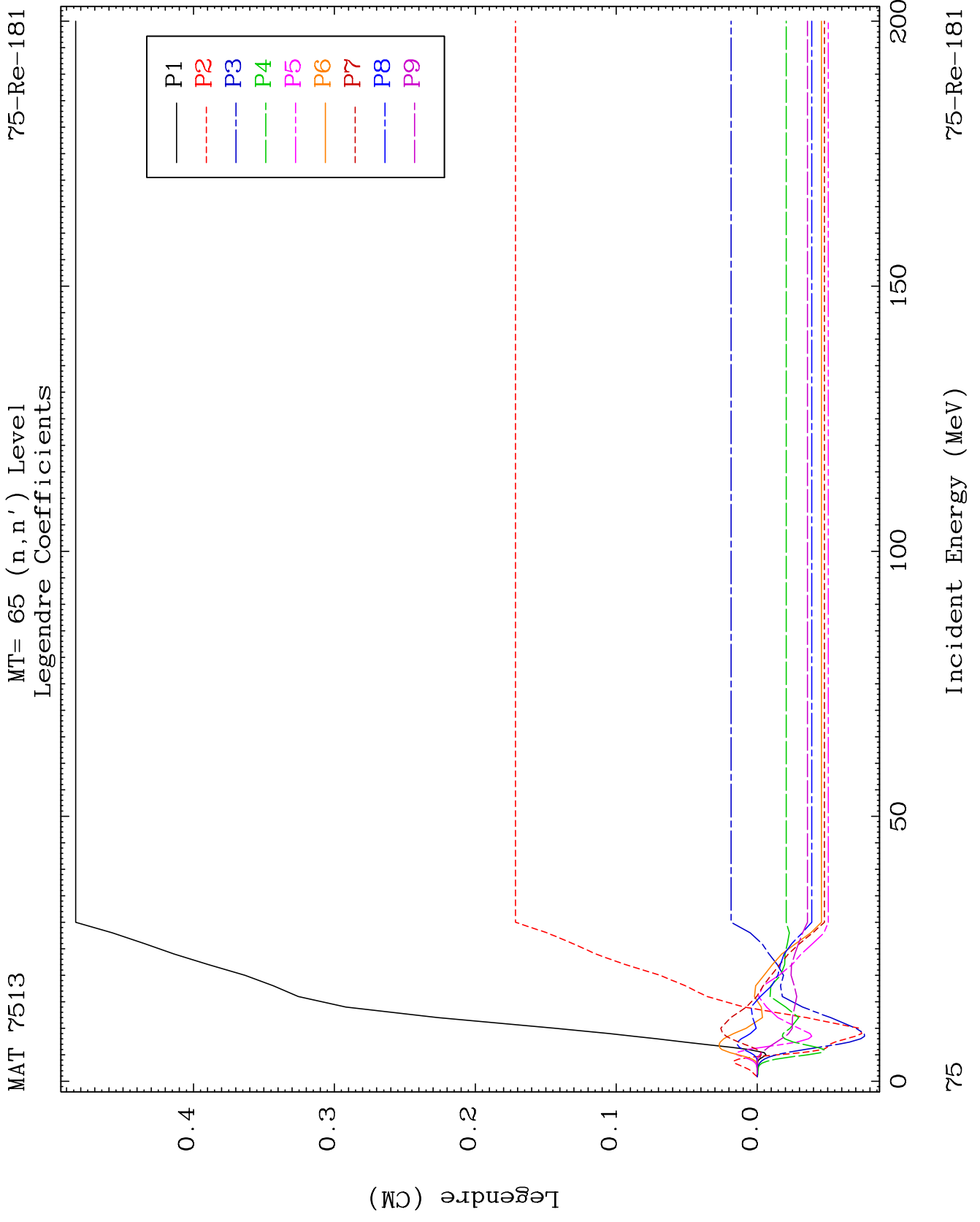
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Incident Energy (MeV)

75-Re-181



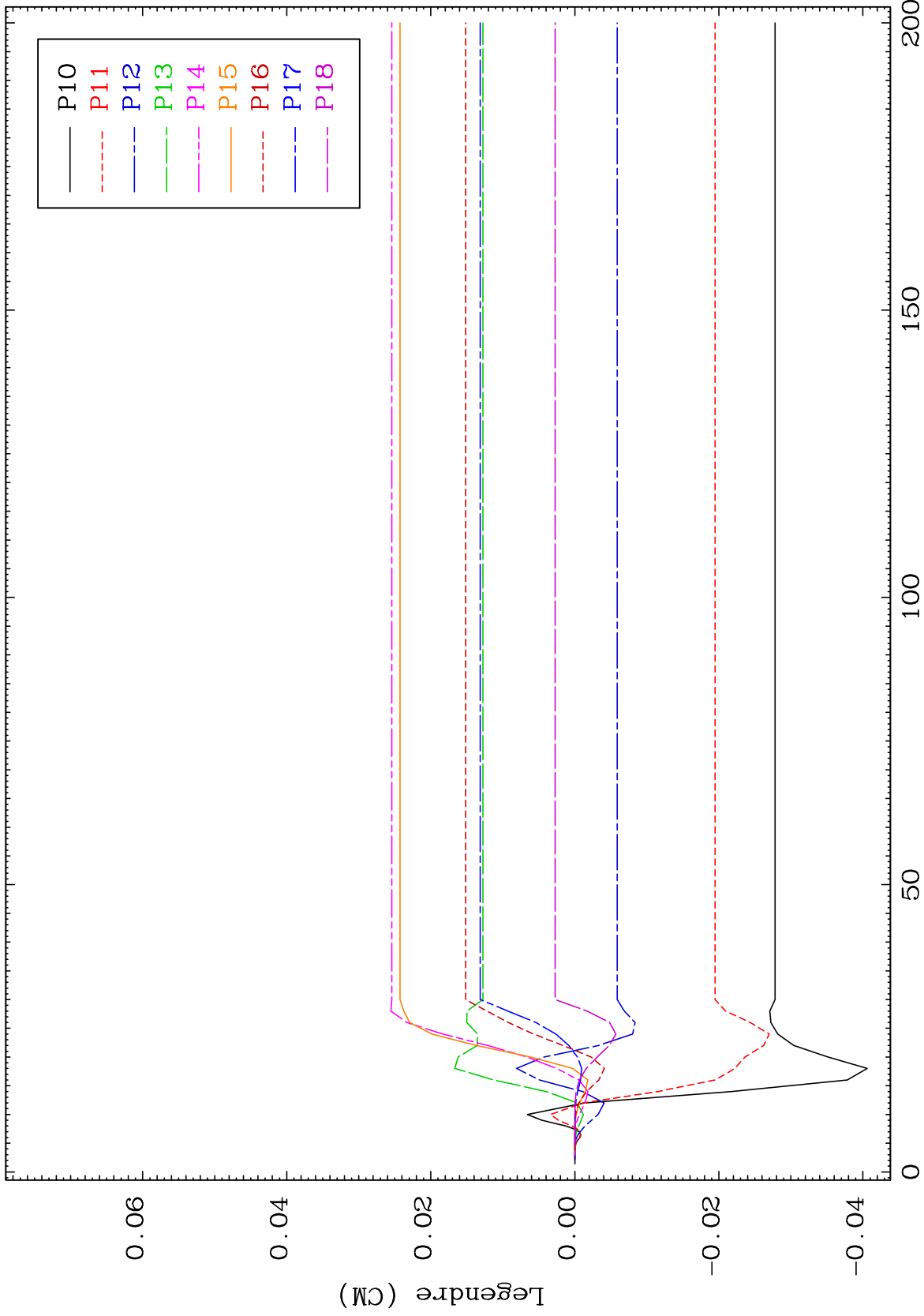




MAT 7513

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

75-Re-181



76

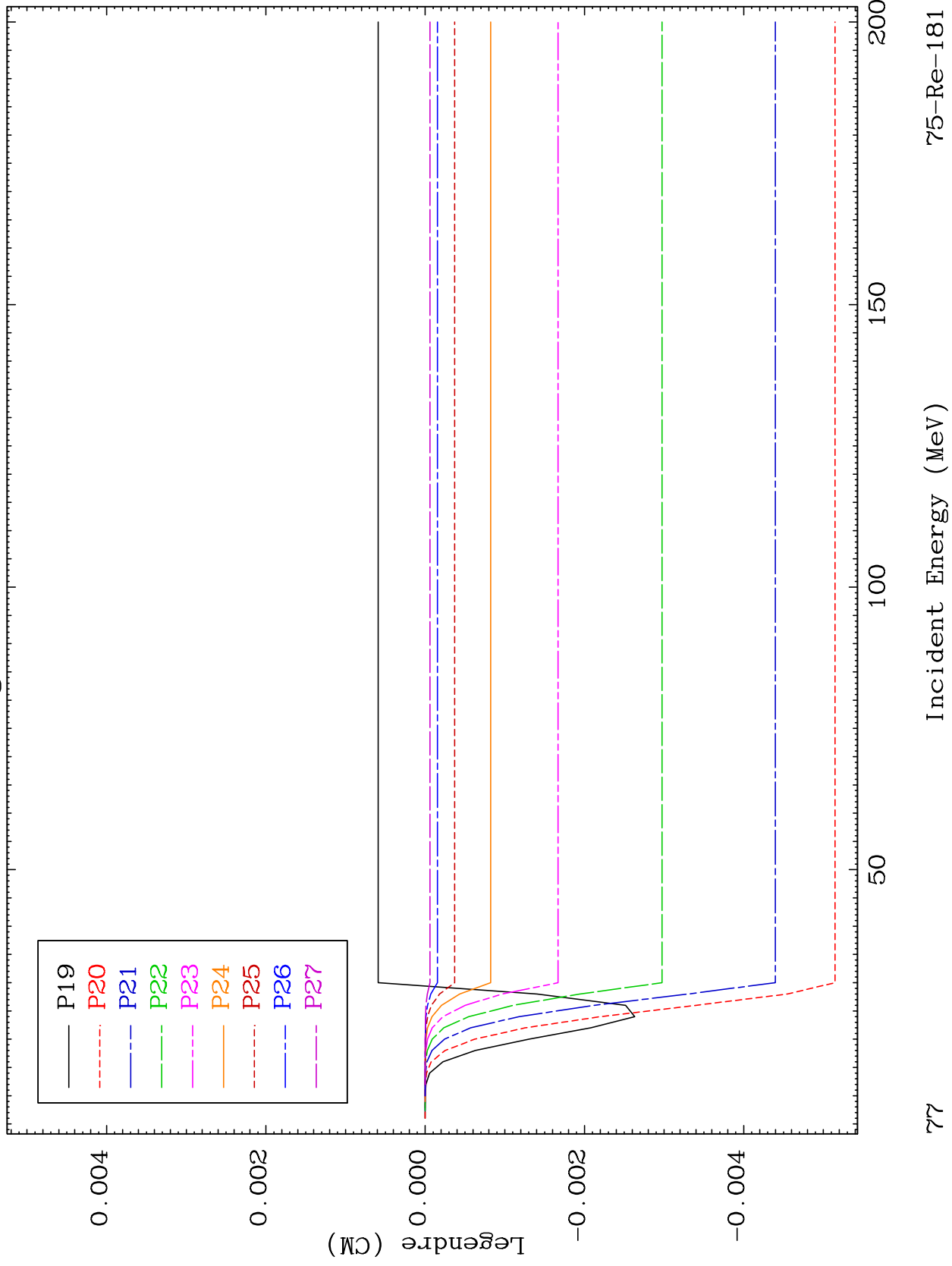
Incident Energy (MeV)

75-Re-181

MAT 7513

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

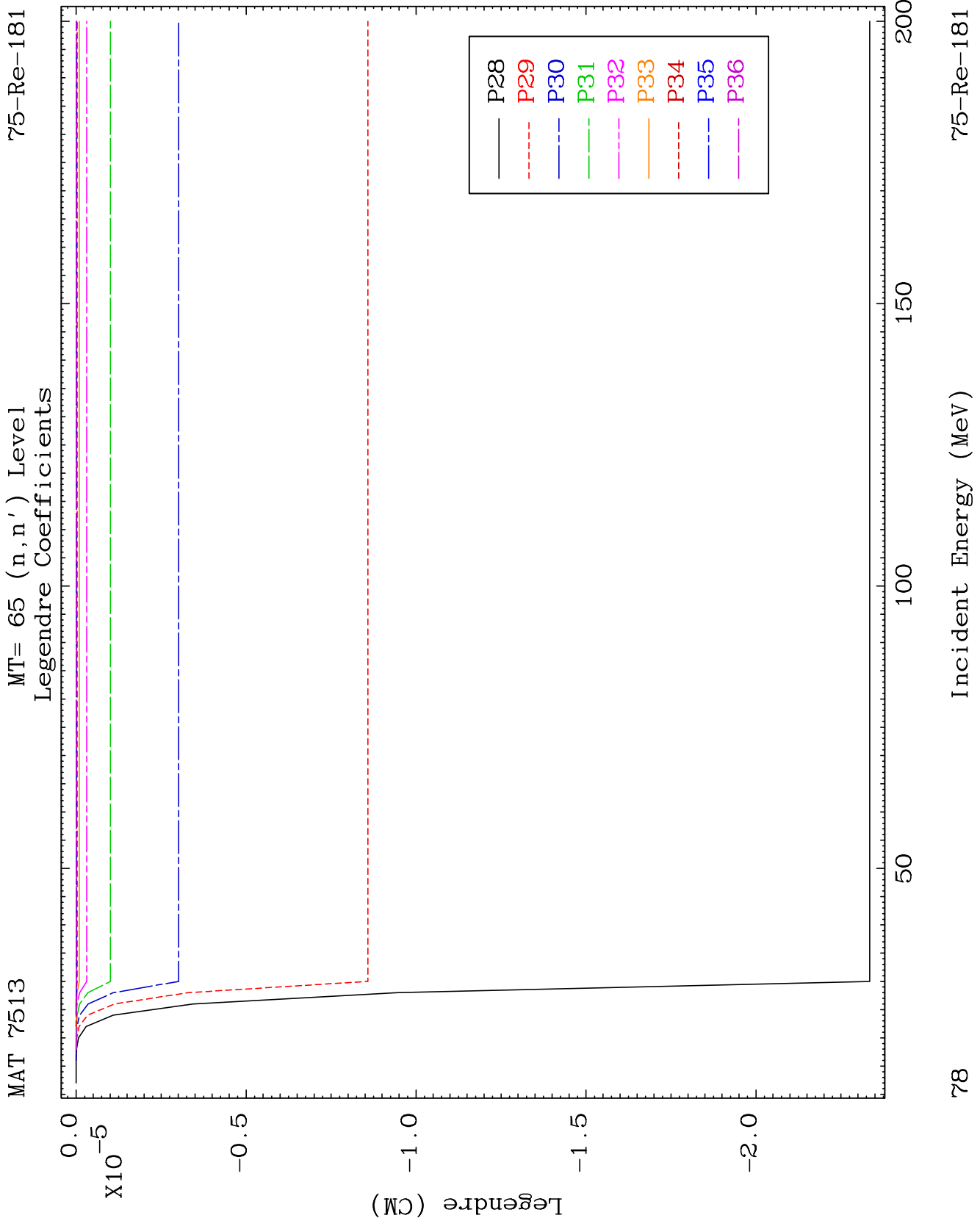
75-Re-181

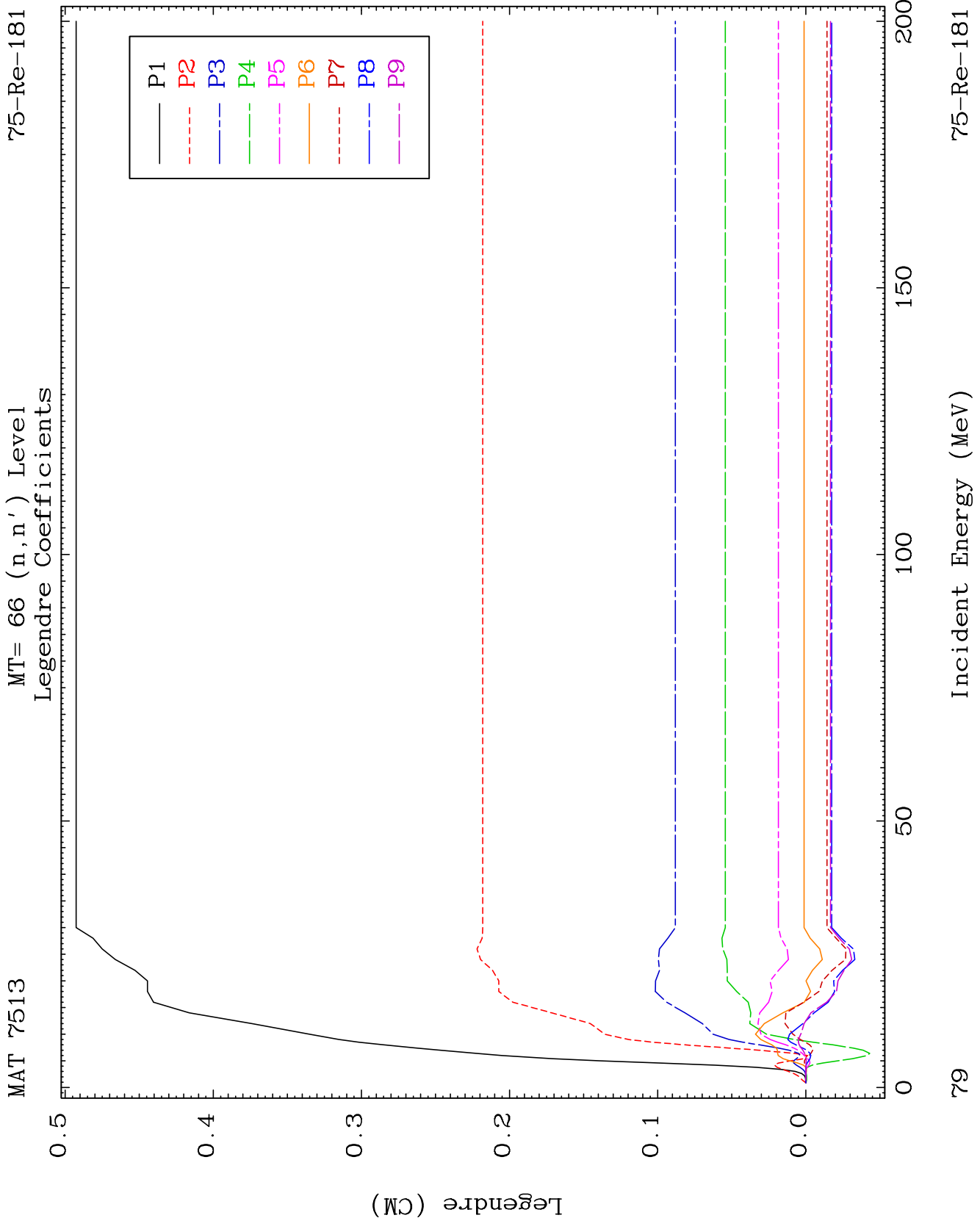


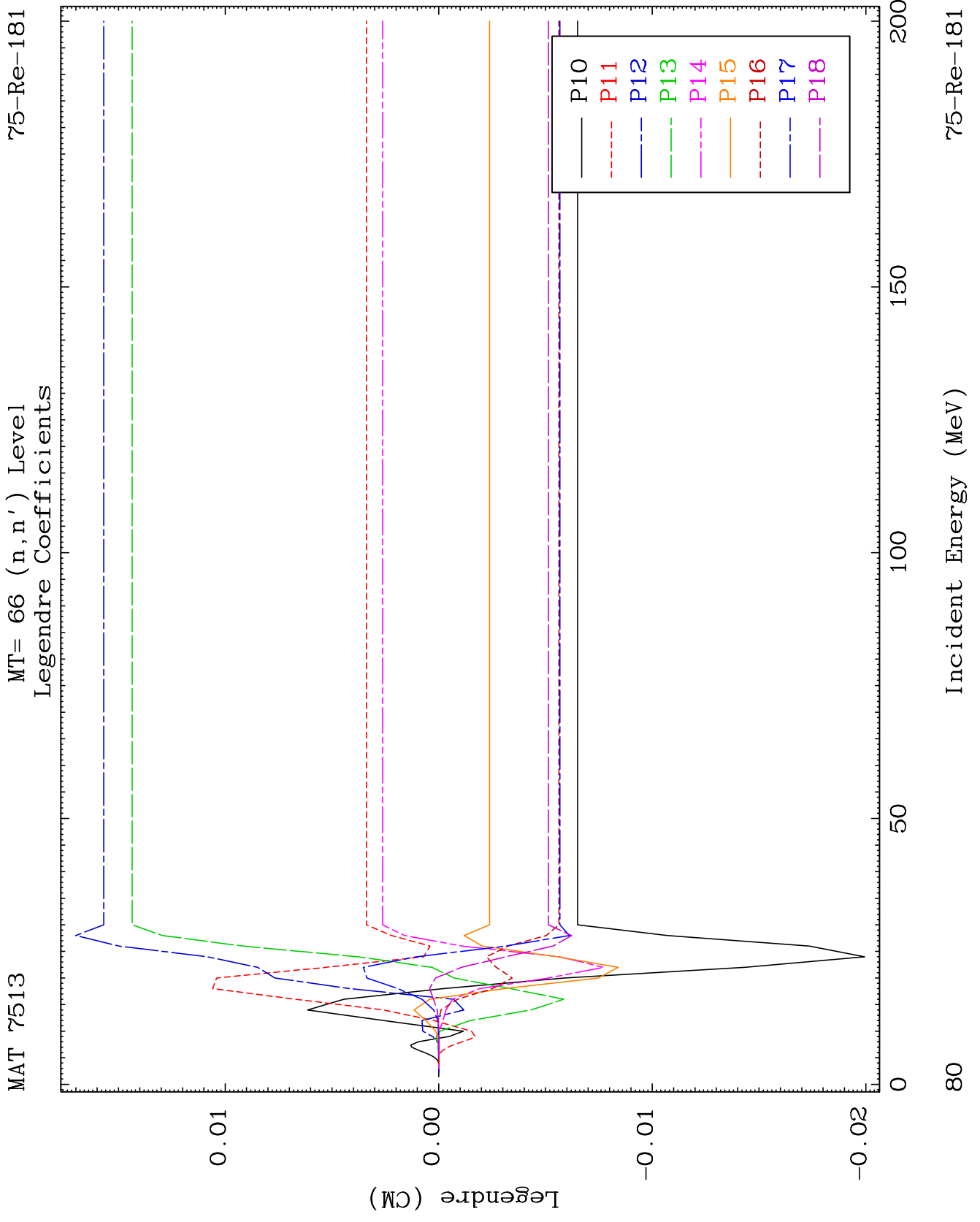
77

Incident Energy (MeV)

75-Re-181



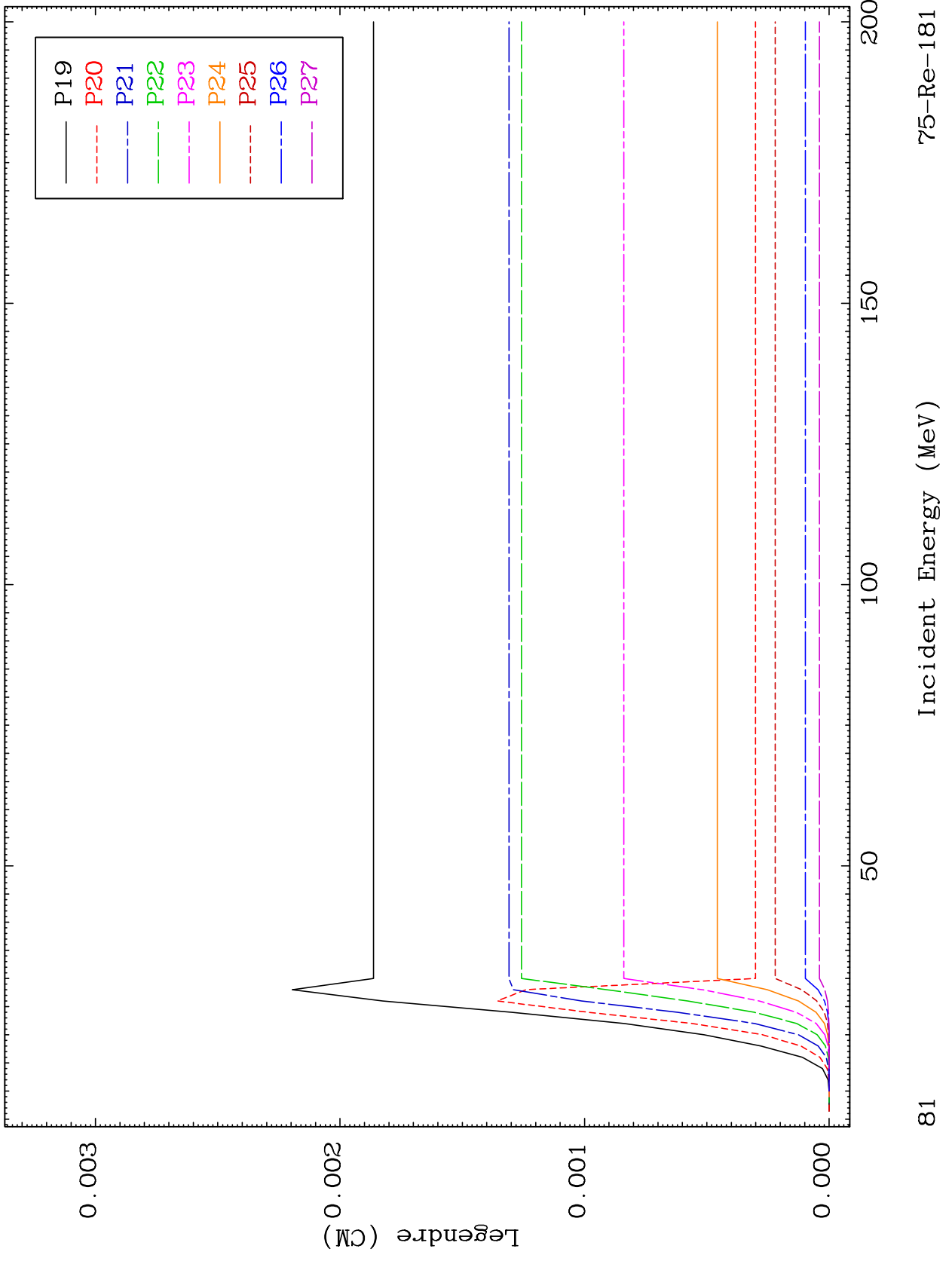




MAT 7513

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

75-Re-181



81

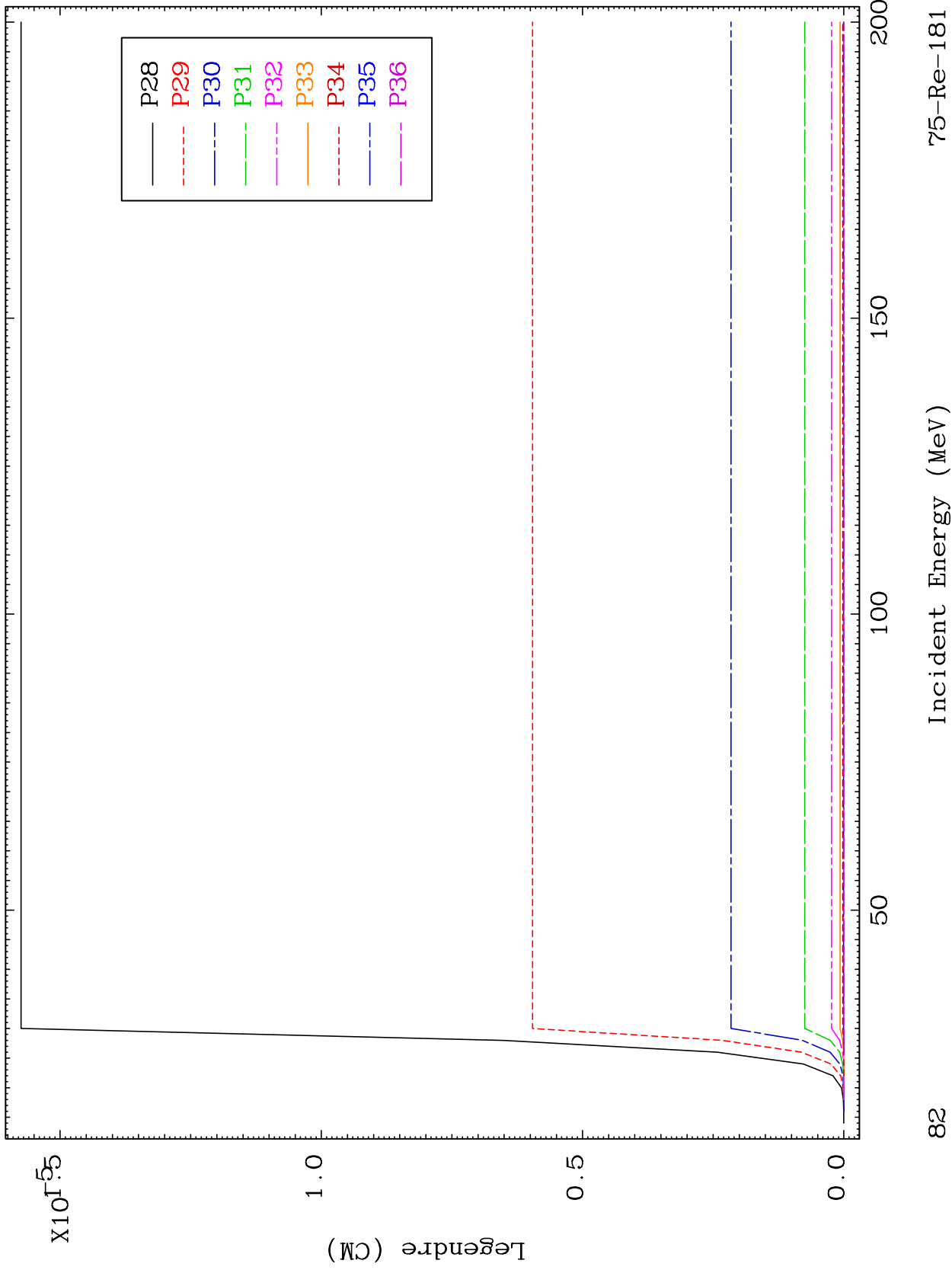
Incident Energy (MeV)

75-Re-181

MAT 7513

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

75-Re-181

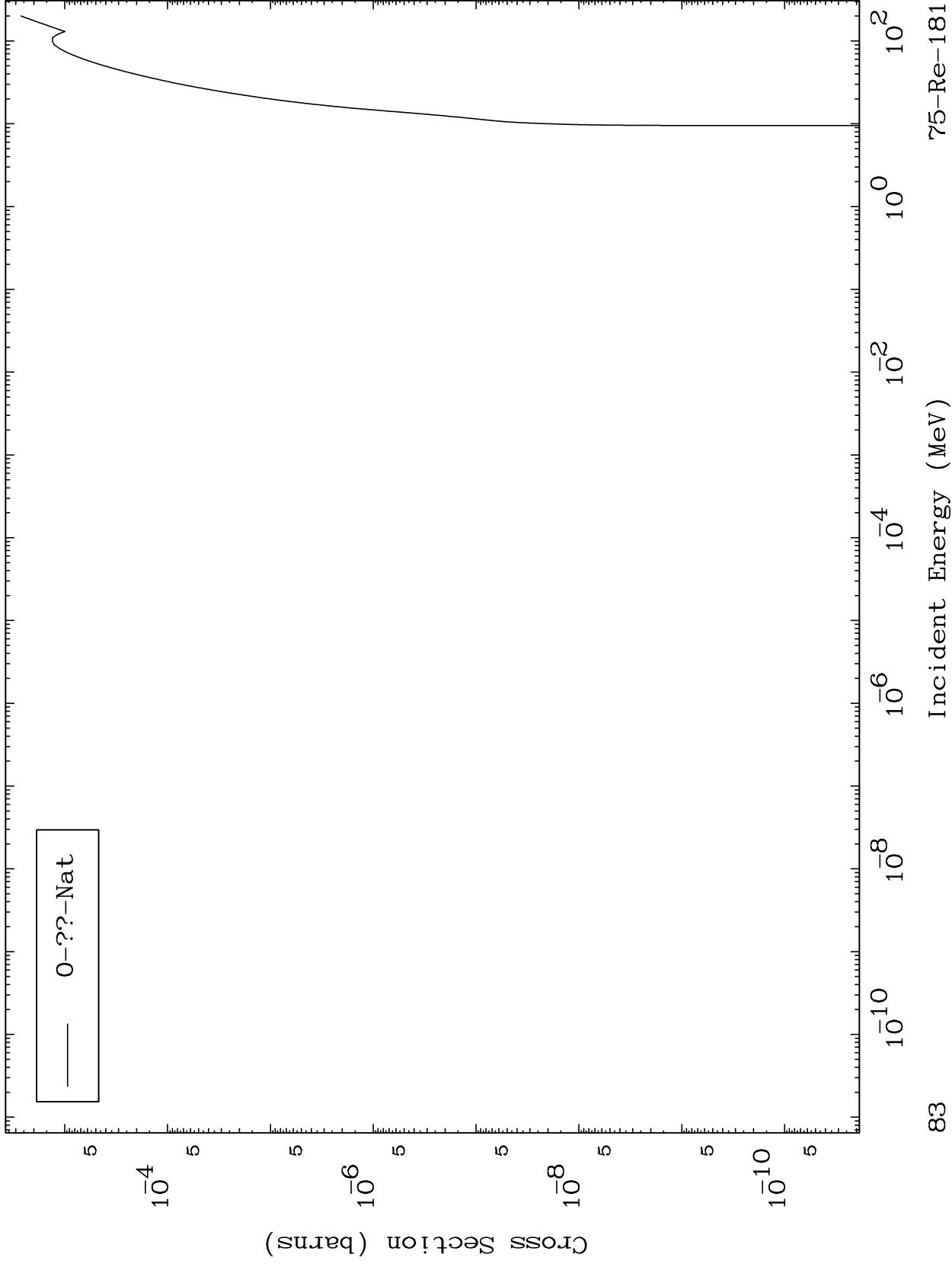


MAT 7513

Fission

⁷⁵Re-181

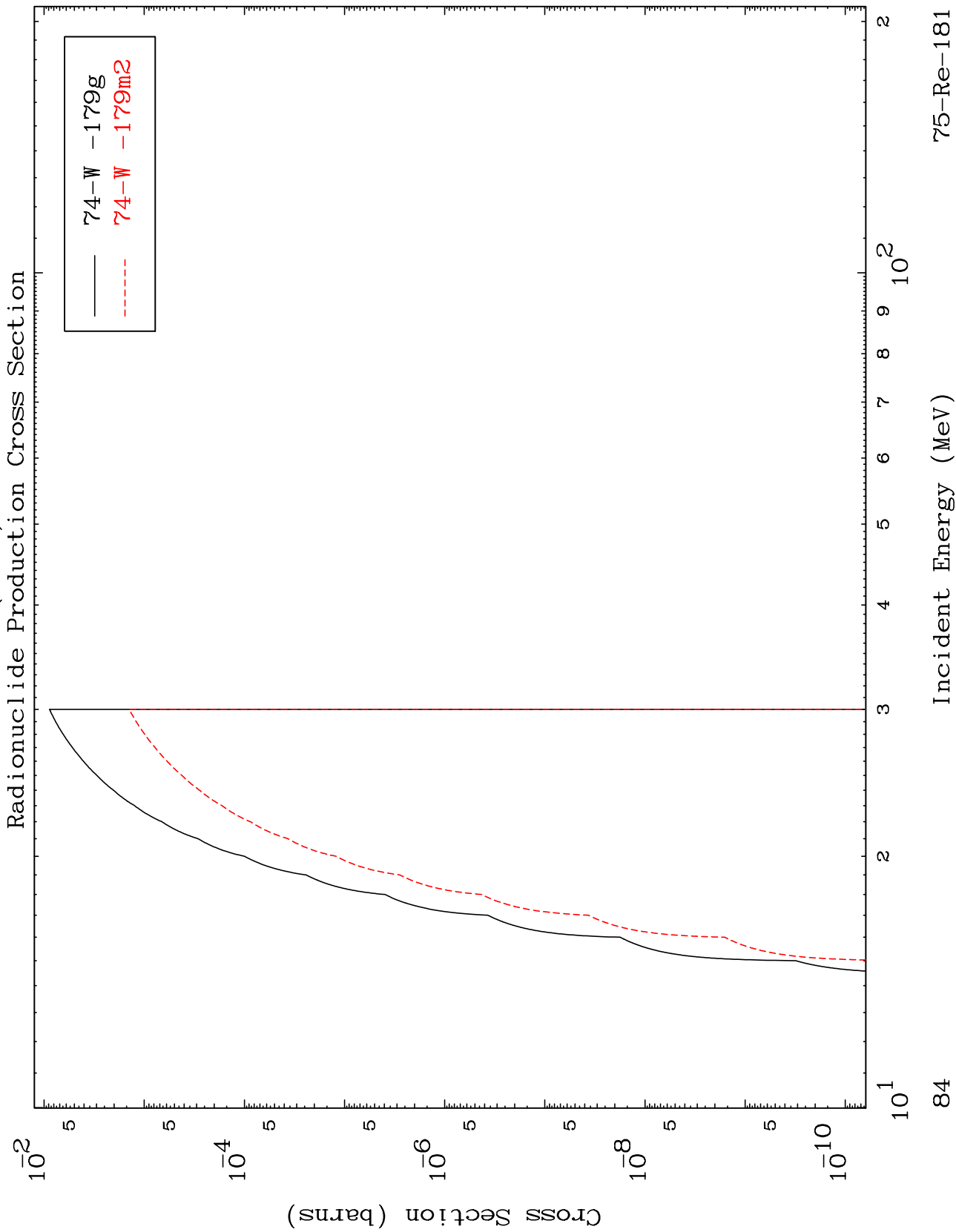
Radionuclide Production Cross Section



MAT 7513

(n,n') d

75-Re-181



84

Incident Energy (MeV)

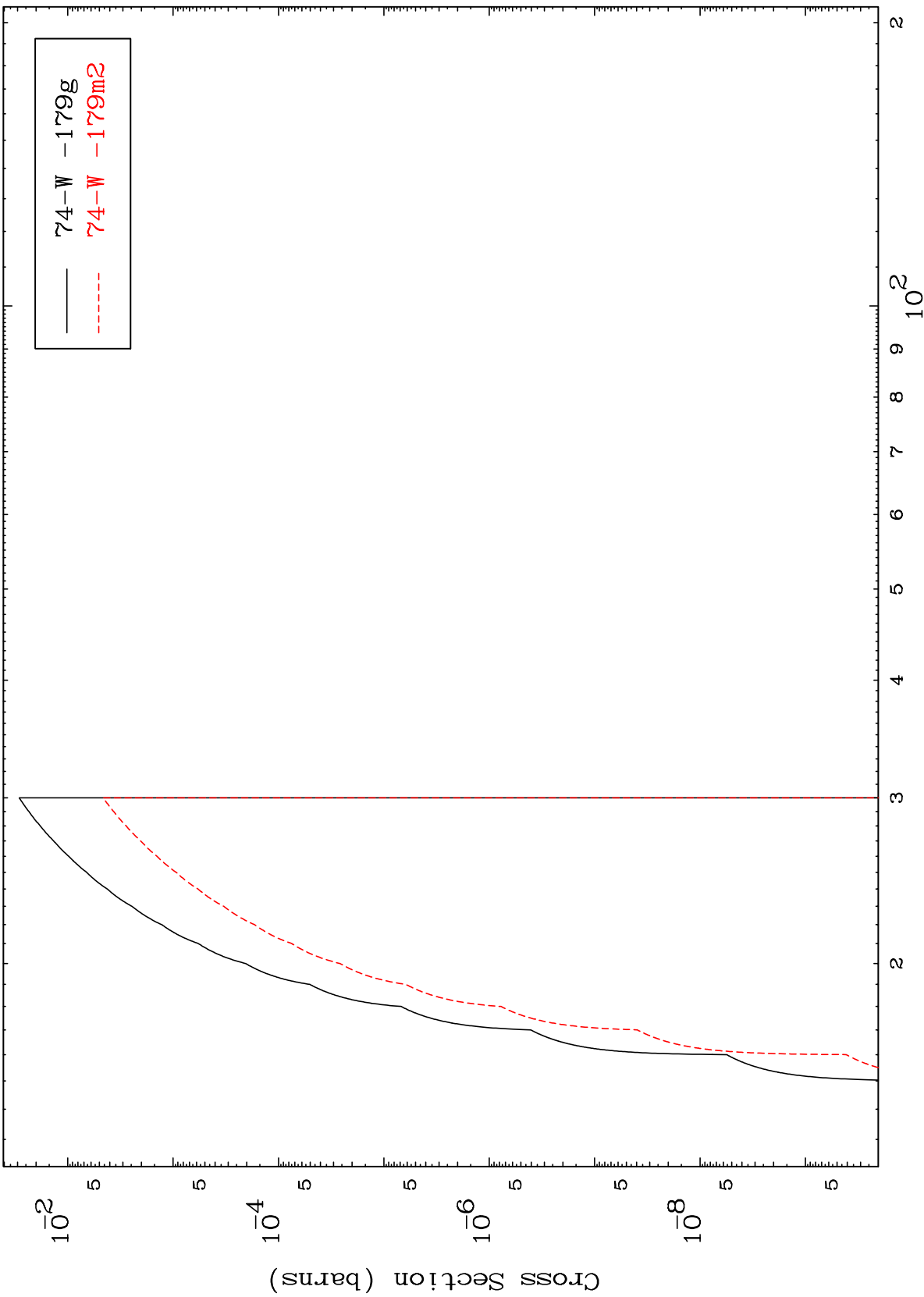
75-Re-181

MAT 7513

(n,2n) p

75-Re-181

Radionuclide Production Cross Section



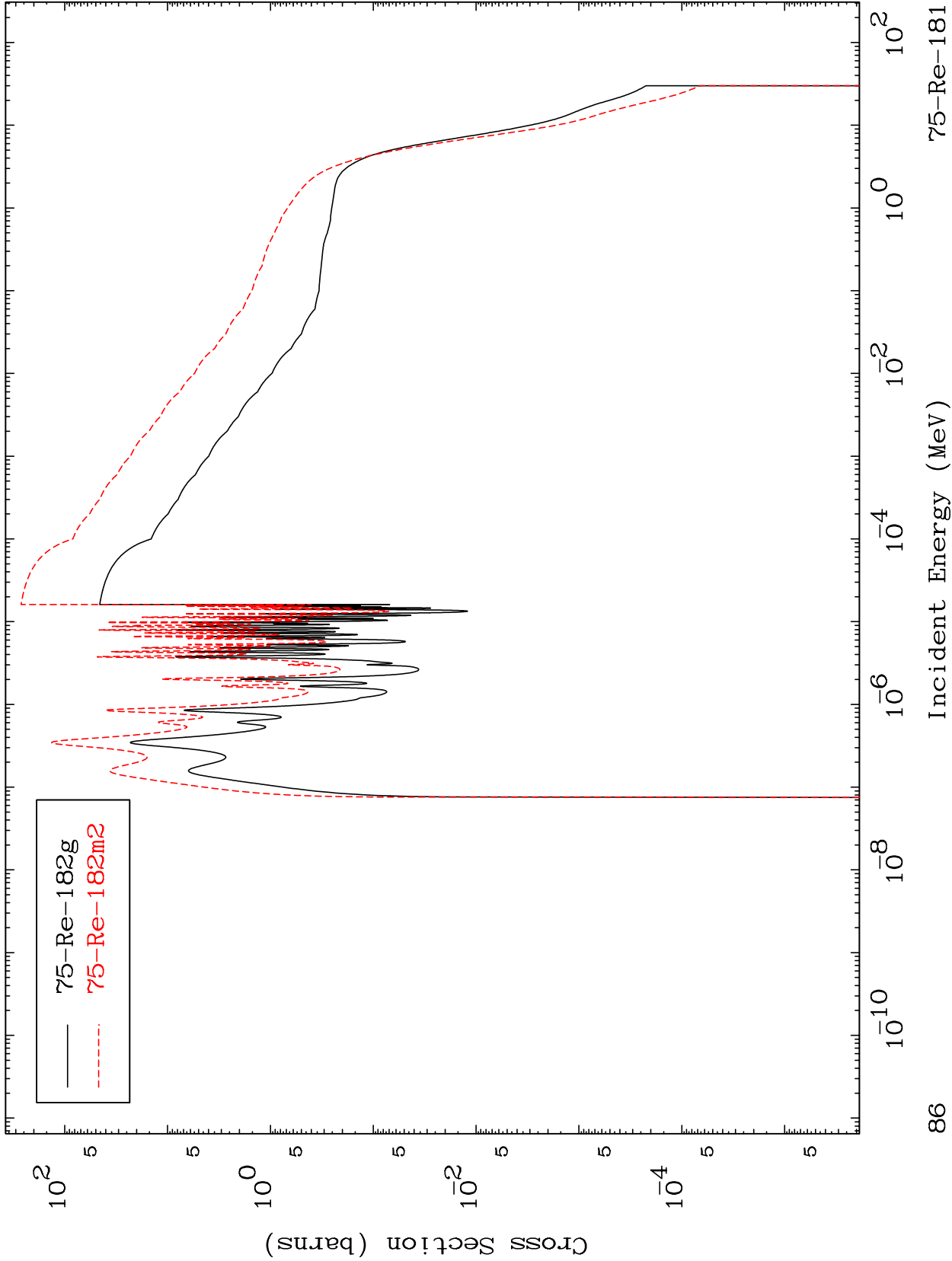
74-W - 179g
74-W - 179m2

85

Incident Energy (MeV)

75-Re-181

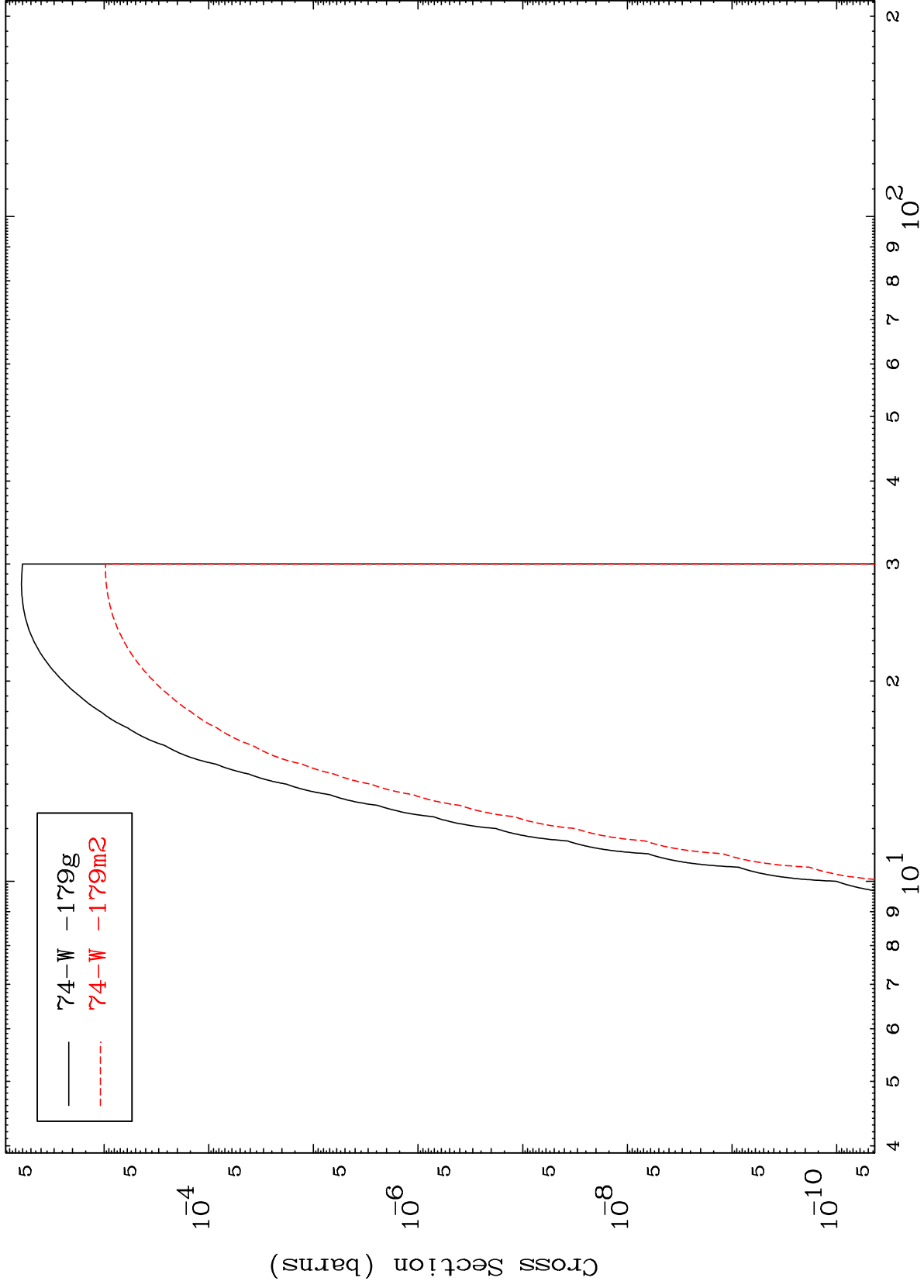
Radionuclide Production Cross Section (n,γ)



MAT 7513

75-Re-181

(n, t)
Radionuclide Production Cross Section



87

Incident Energy (MeV)

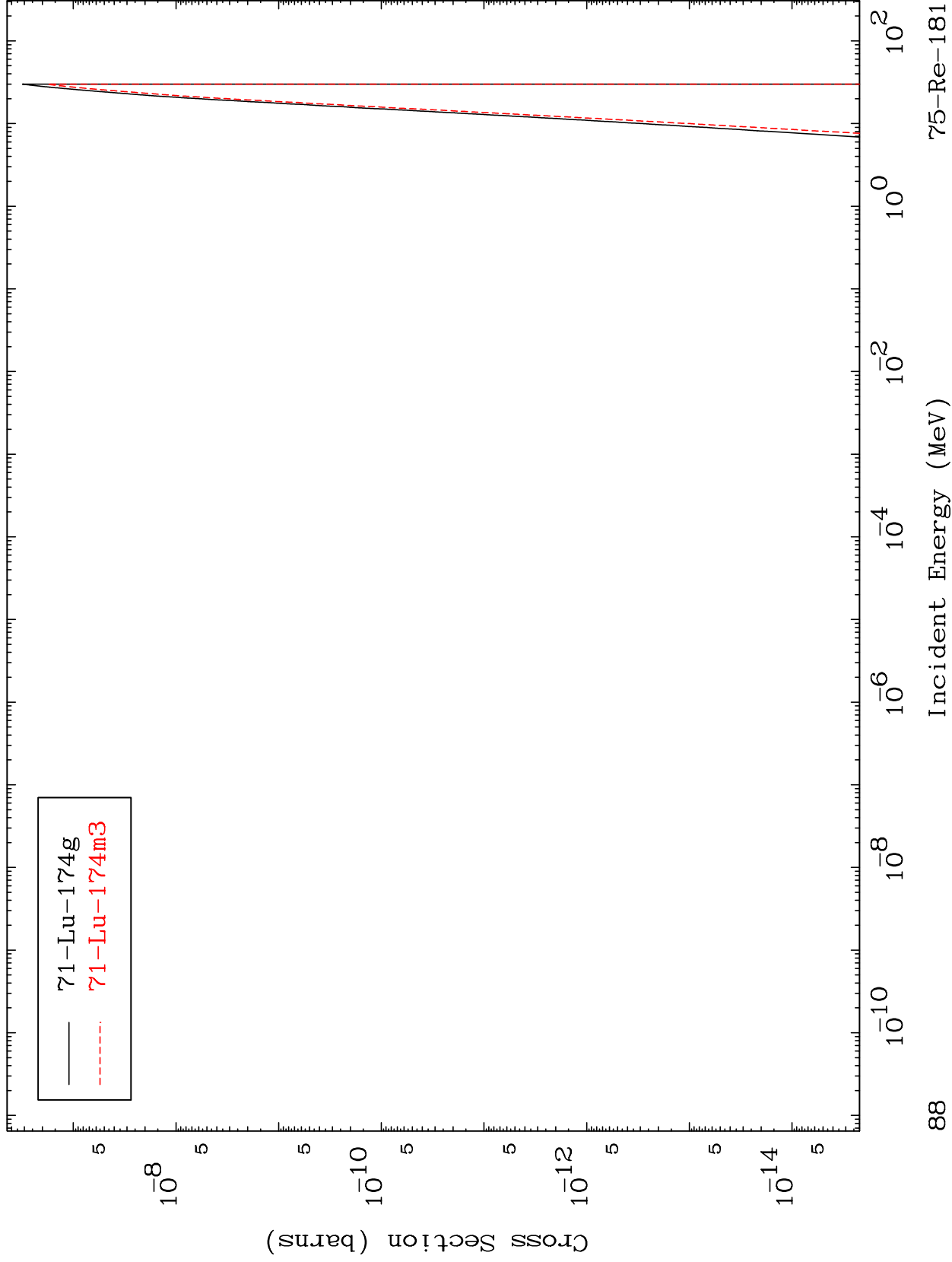
75-Re-181

MAT 7513

(n,2α)

75-Re-181

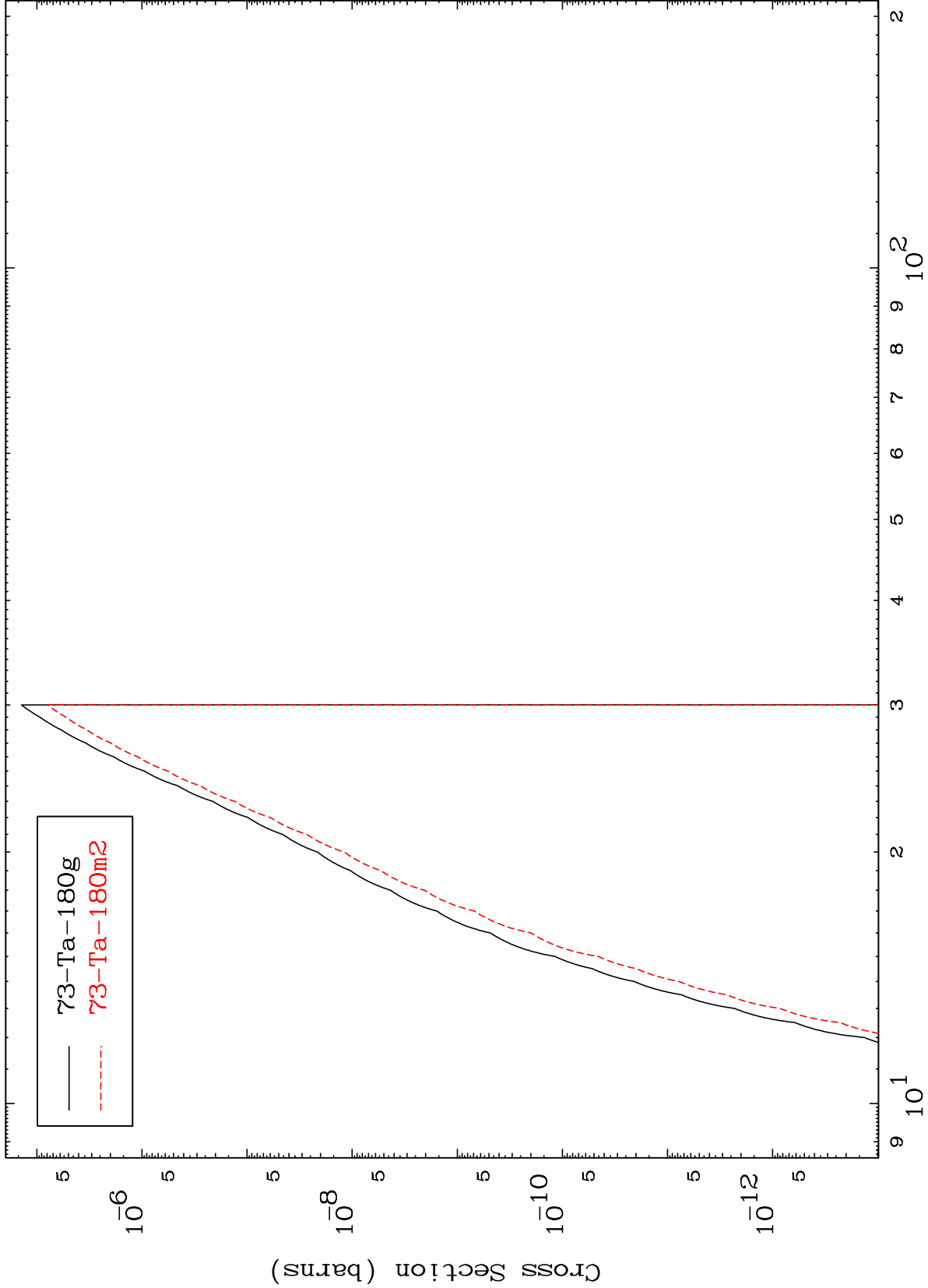
Radionuclide Production Cross Section



MAT 7513

75-Re-181

(n,2p)
Radionuclide Production Cross Section



89

Incident Energy (MeV)

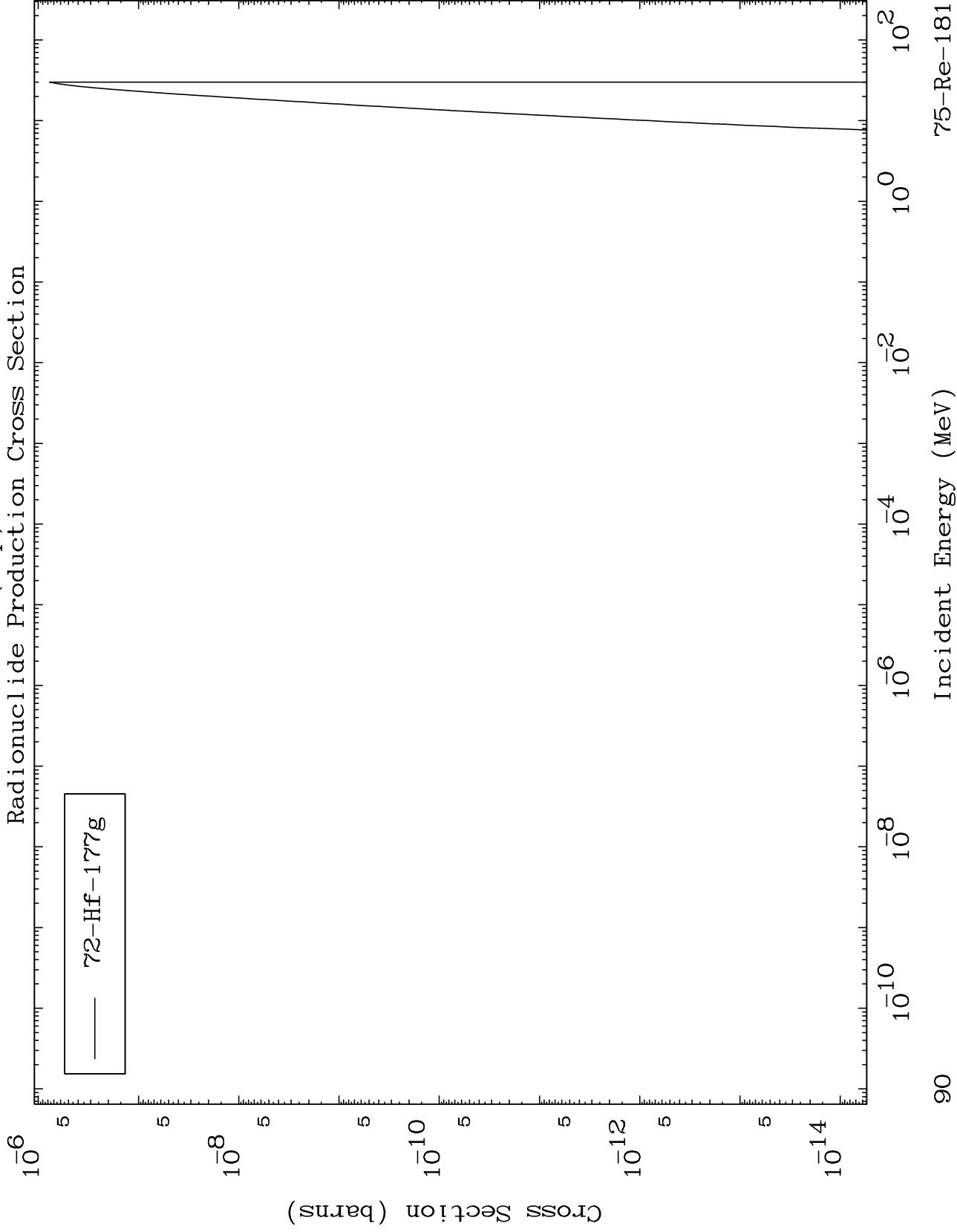
75-Re-181

MAT 7513

(n,p) α

75-Re-181

Radionuclide Production Cross Section



90

Incident Energy (MeV)

75-Re-181