

Program EVALPLOT
(Version 2021-1)

by

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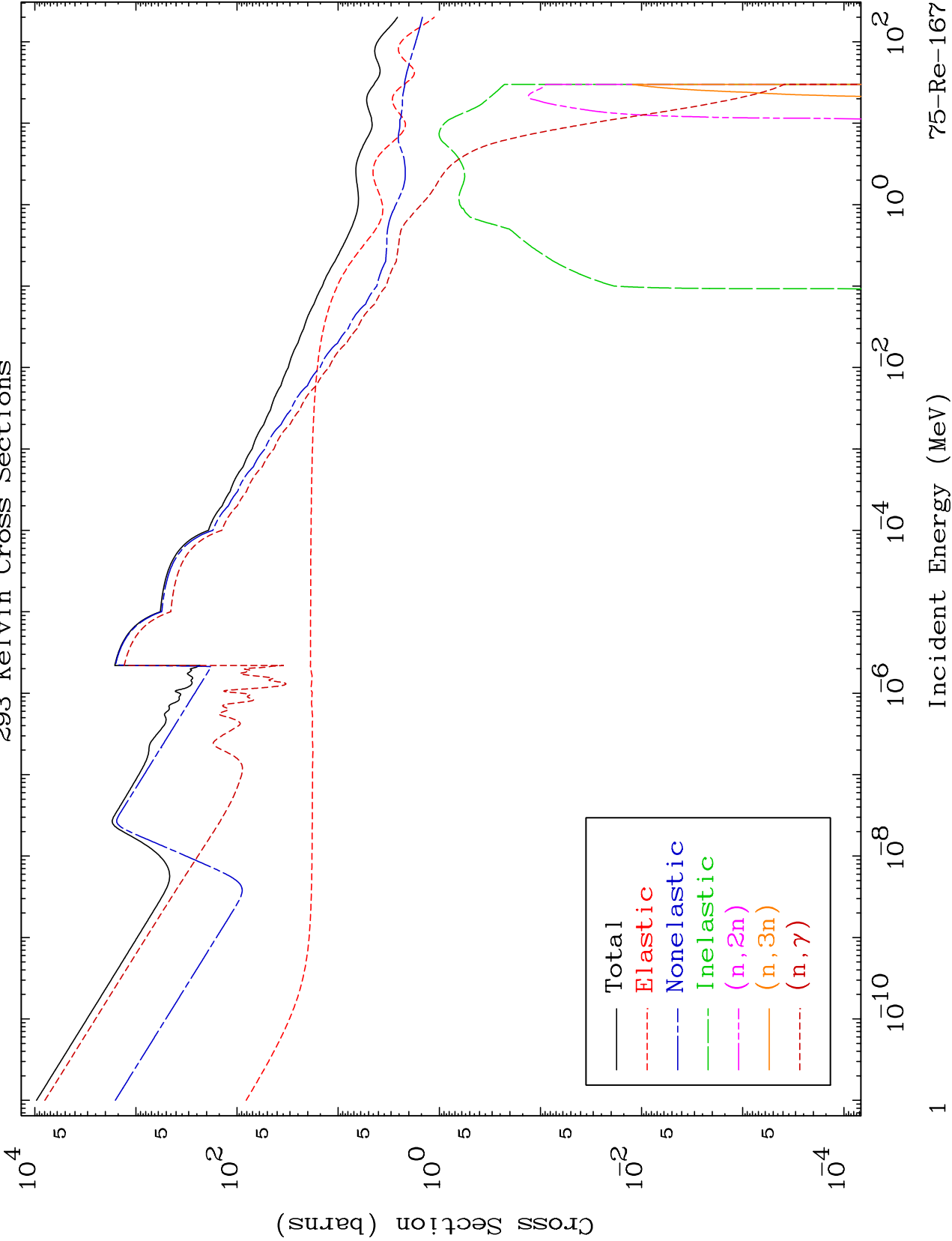
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Press Mouse Button to Start

MAT 7471

Neutron Major
293 Kelvin Cross Sections

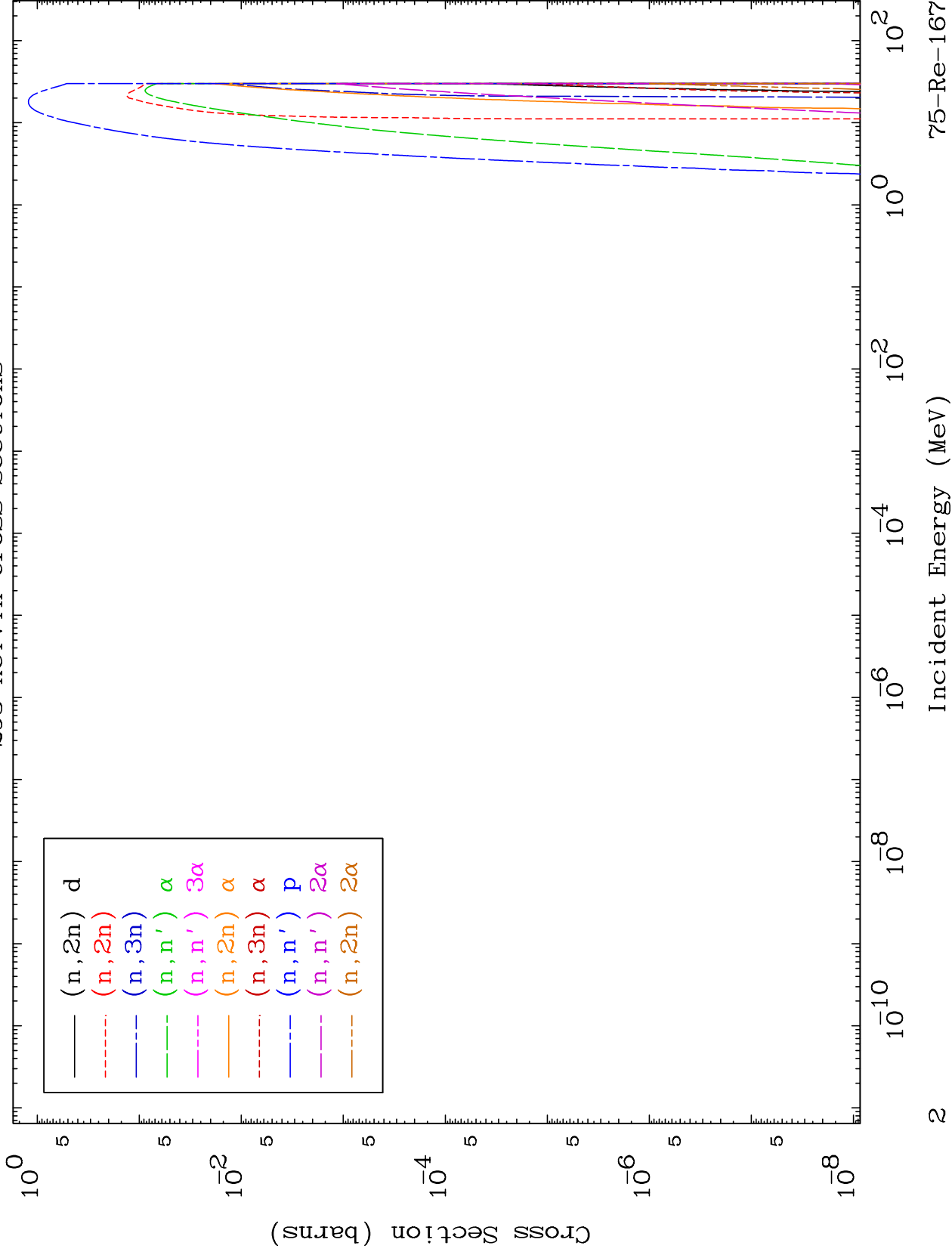
75-Re-167

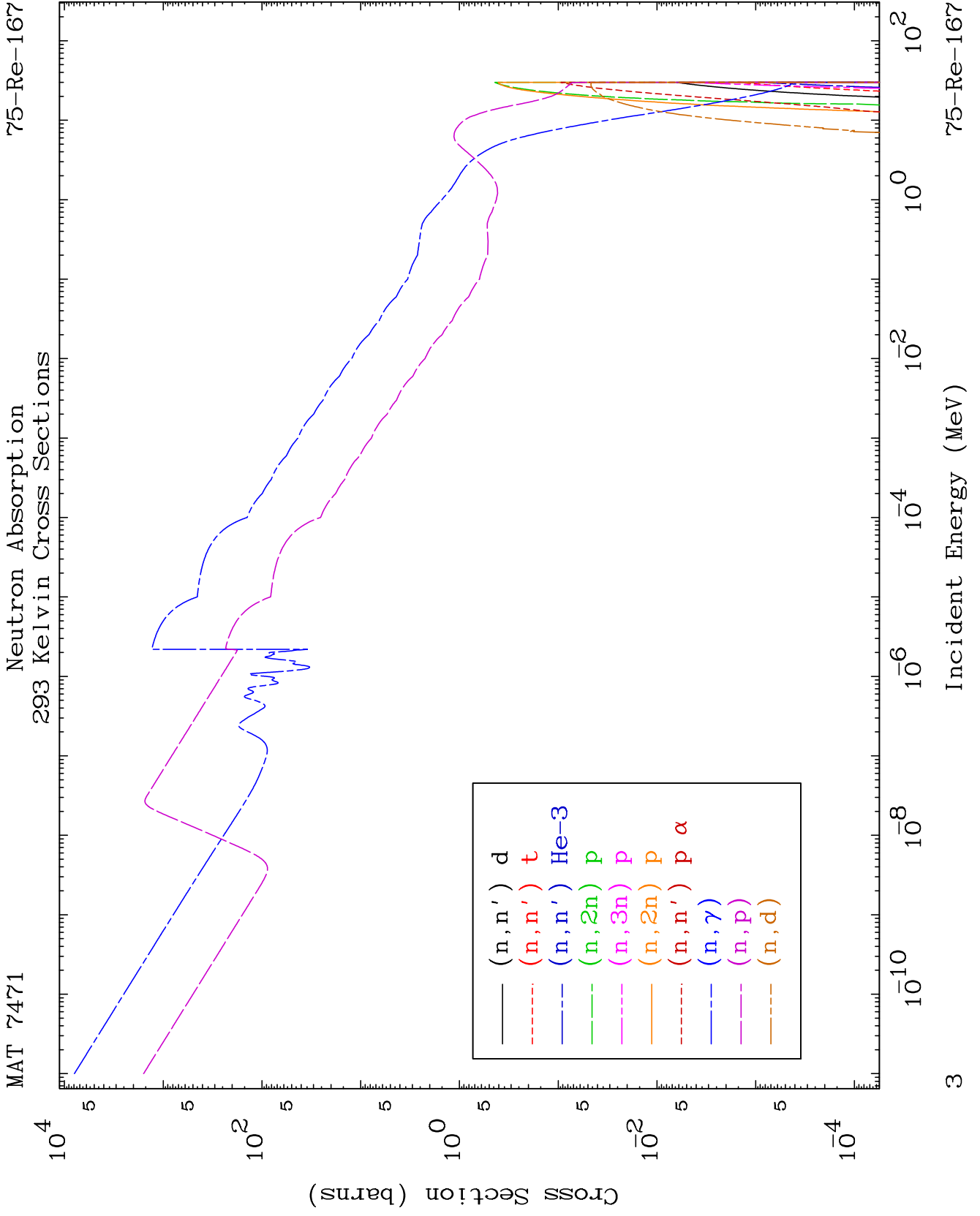


MAT 7471

Neutron Absorption
293 Kelvin Cross Sections

75-Re-167

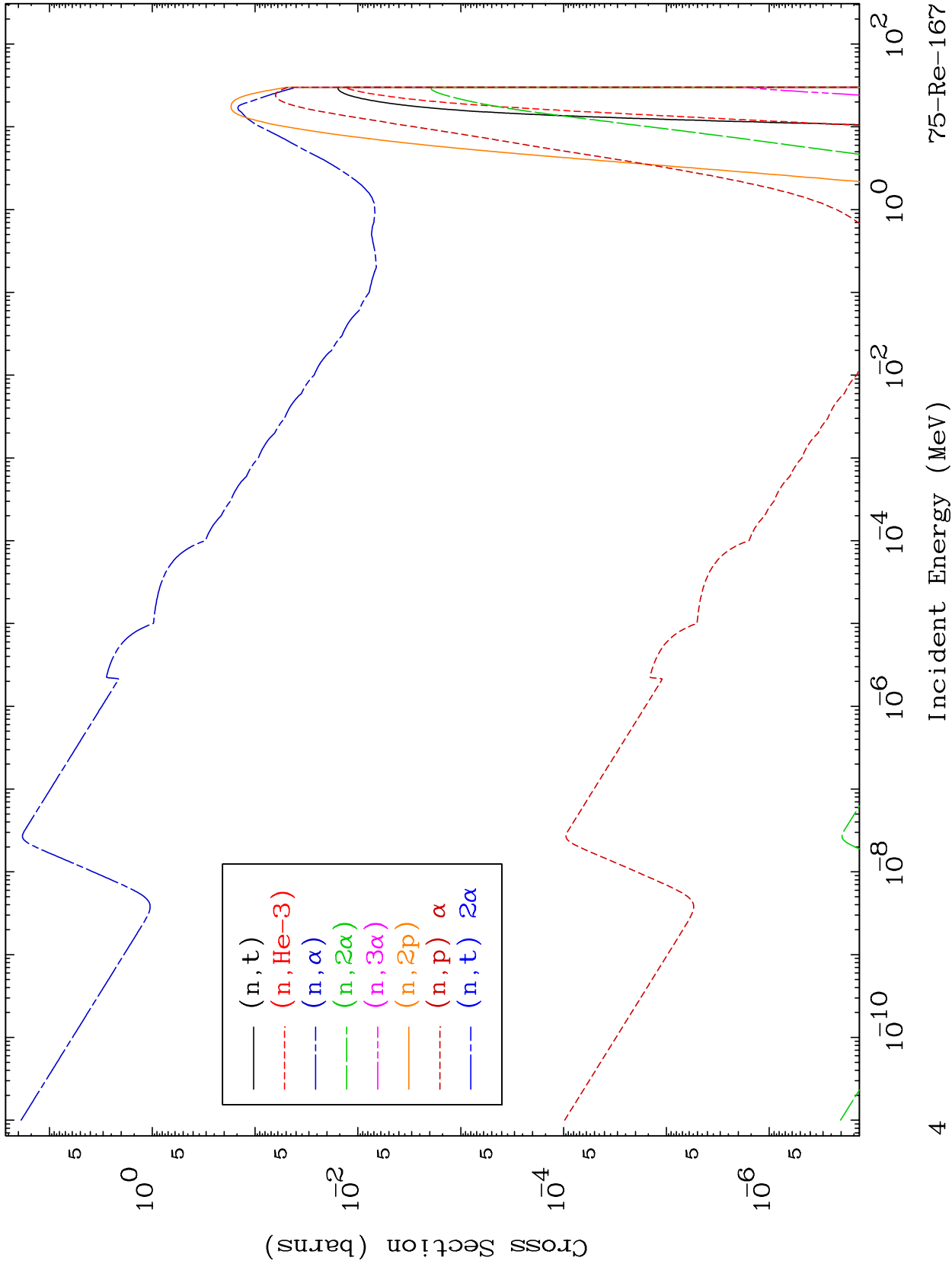




MAT 7471

Neutron Absorption
293 Kelvin Cross Sections

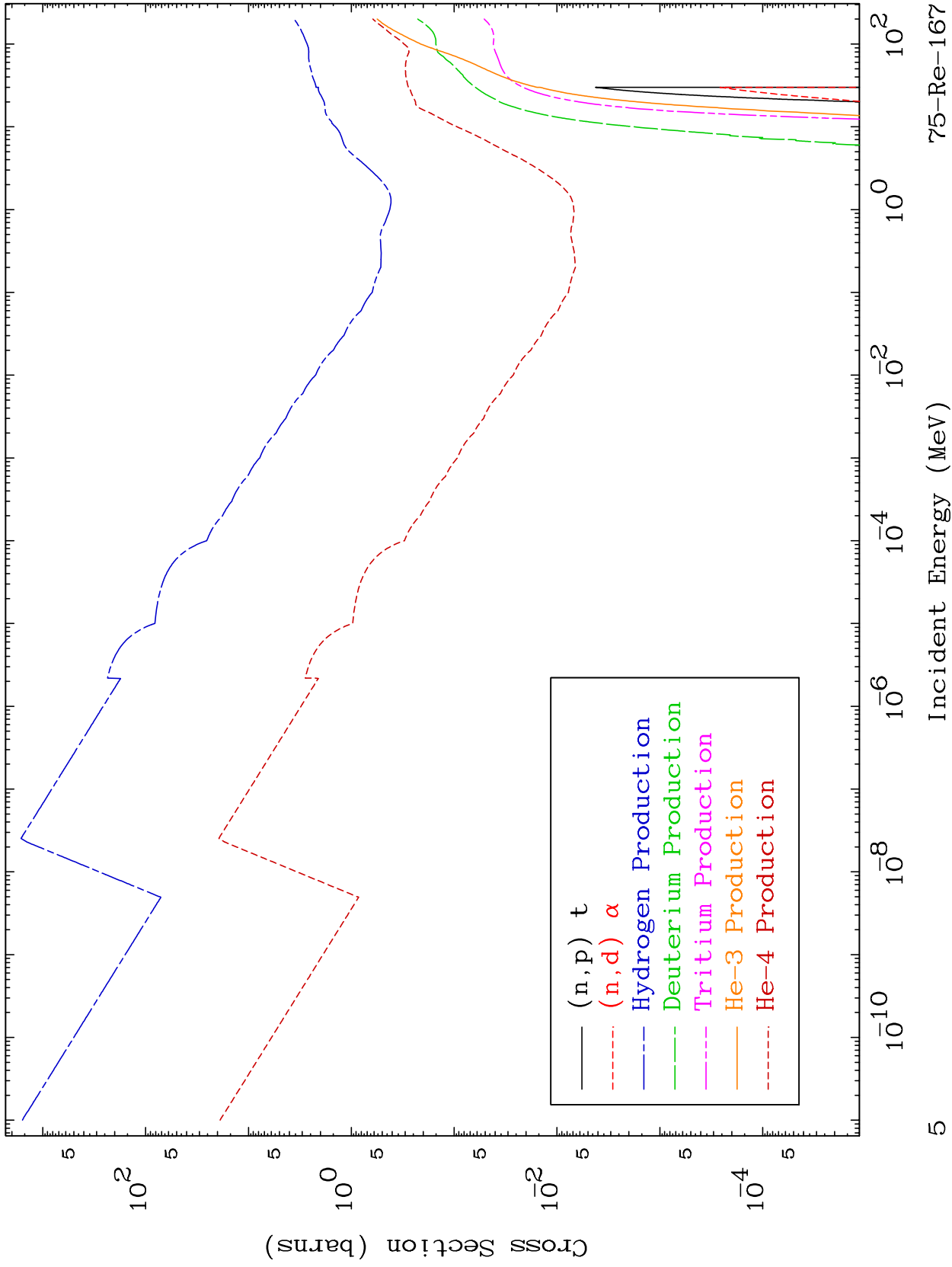
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MAT 7471

Neutron Absorption
293 Kelvin Cross Sections

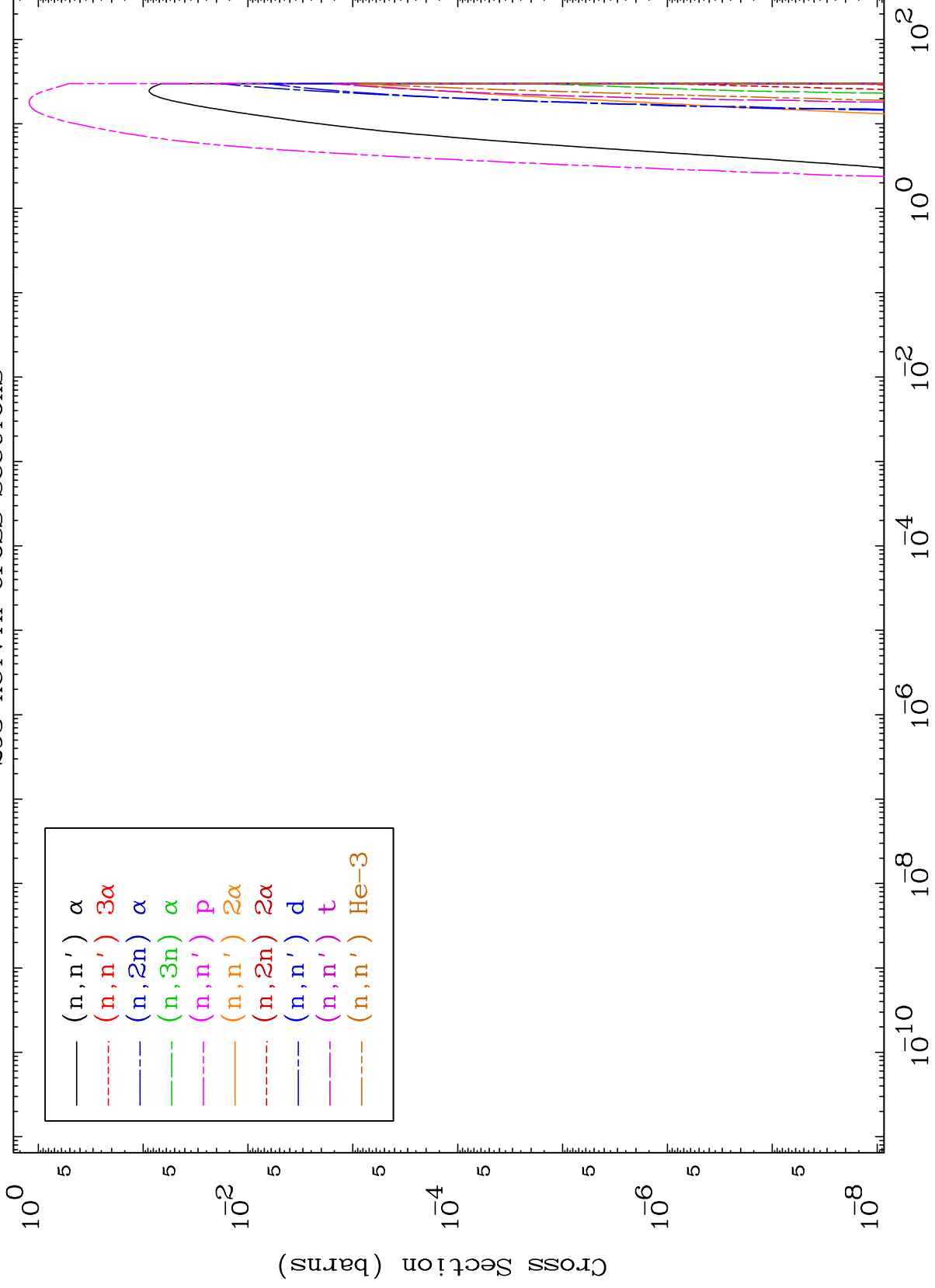
75-Re-167



MAT 7471

Charged Particle
293 Kelvin Cross Sections

75-Re-167



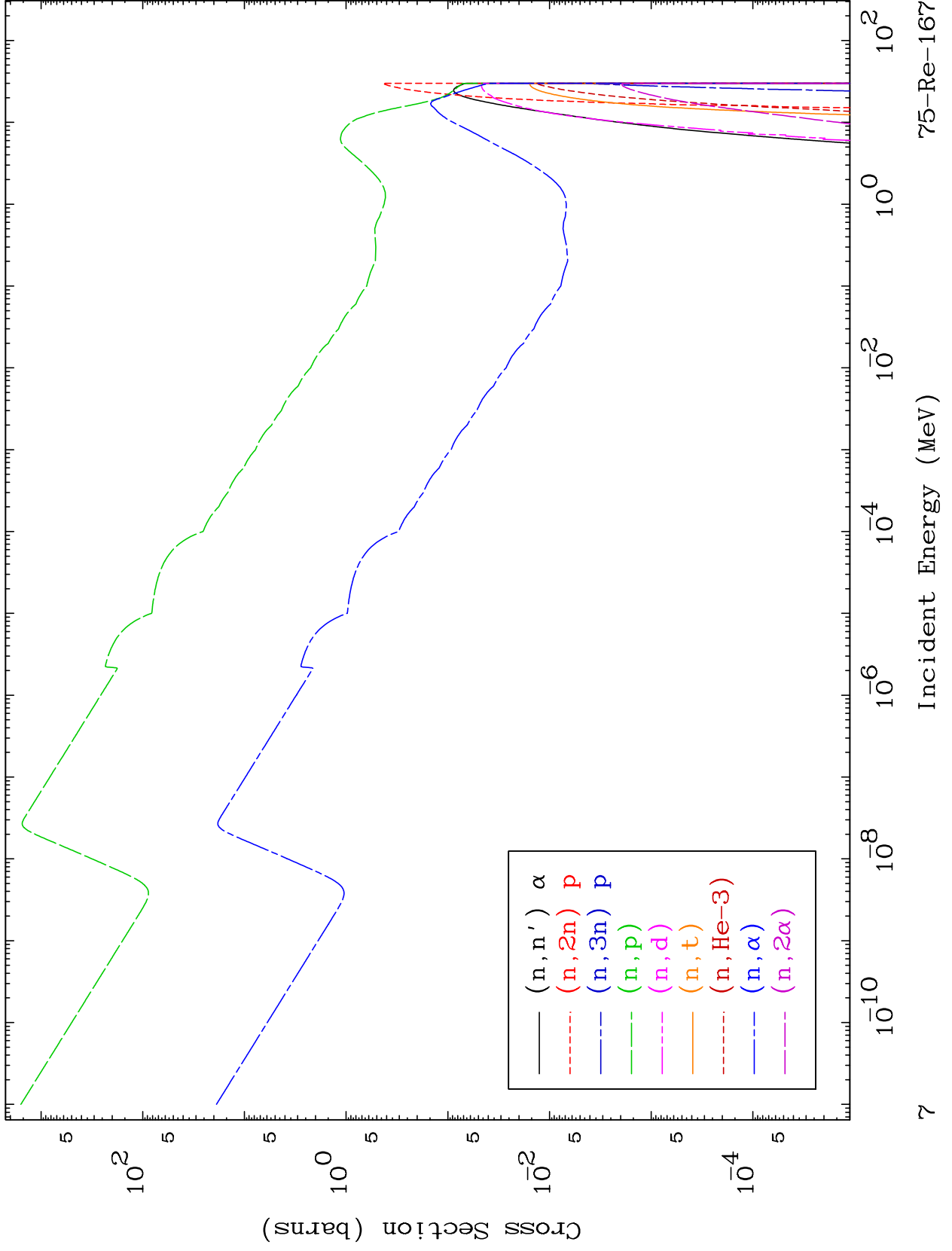
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Incident Energy (MeV)

MAT 7471

Charged Particle
293 Kelvin Cross Sections

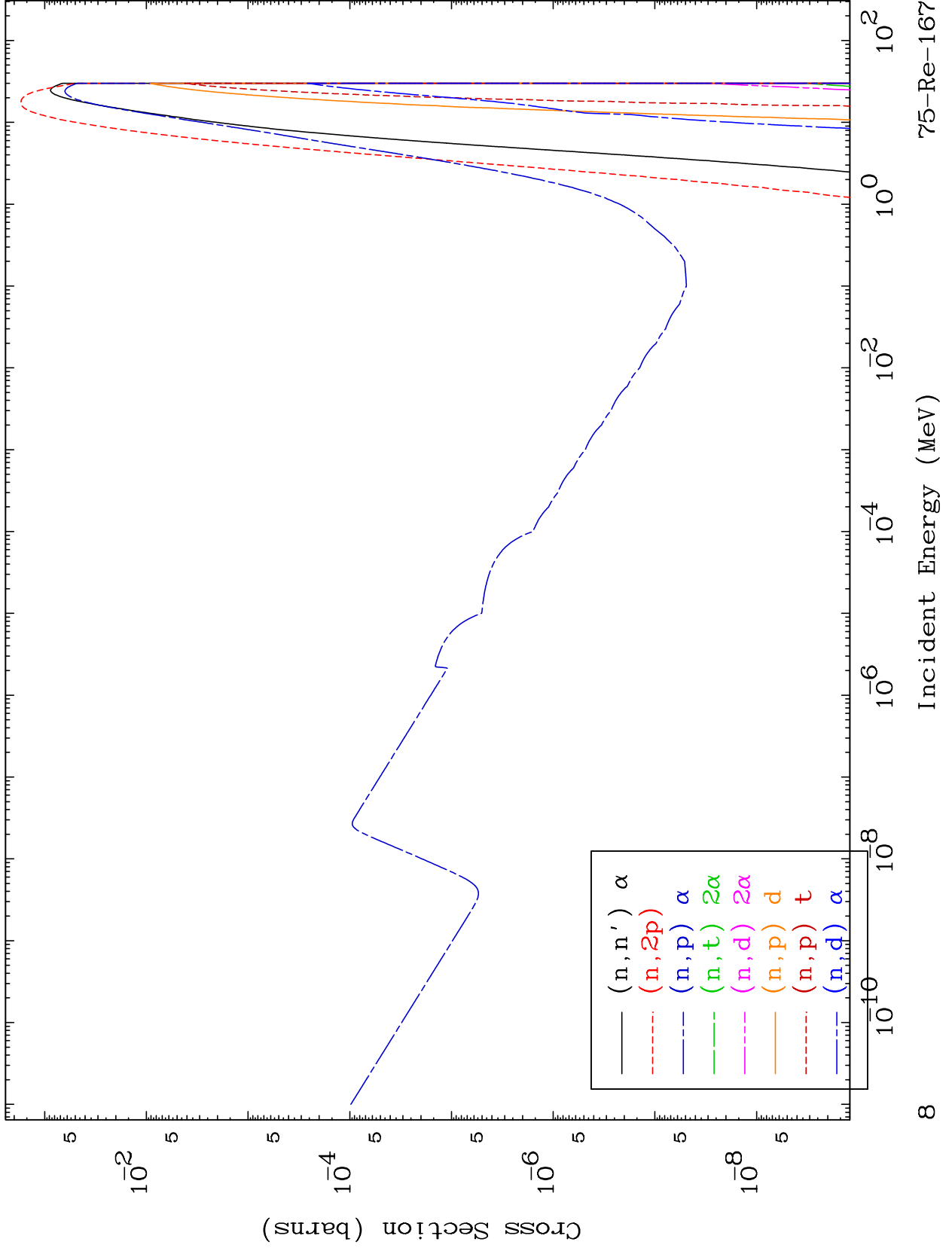
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MAT 7471

Charged Particle
293 Kelvin Cross Sections

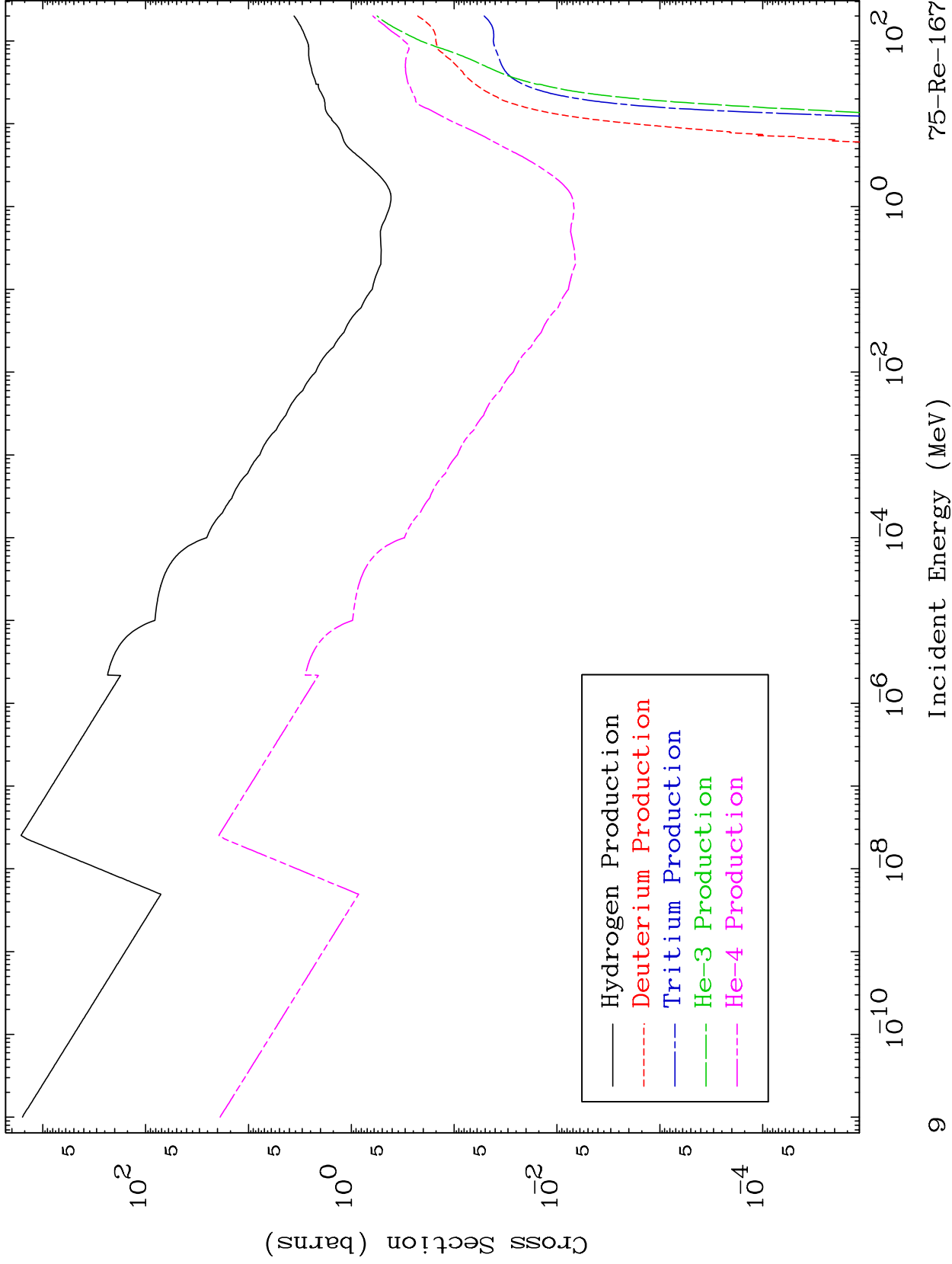
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MAT 7471

Particle Production
293 Kelvin Cross Sections

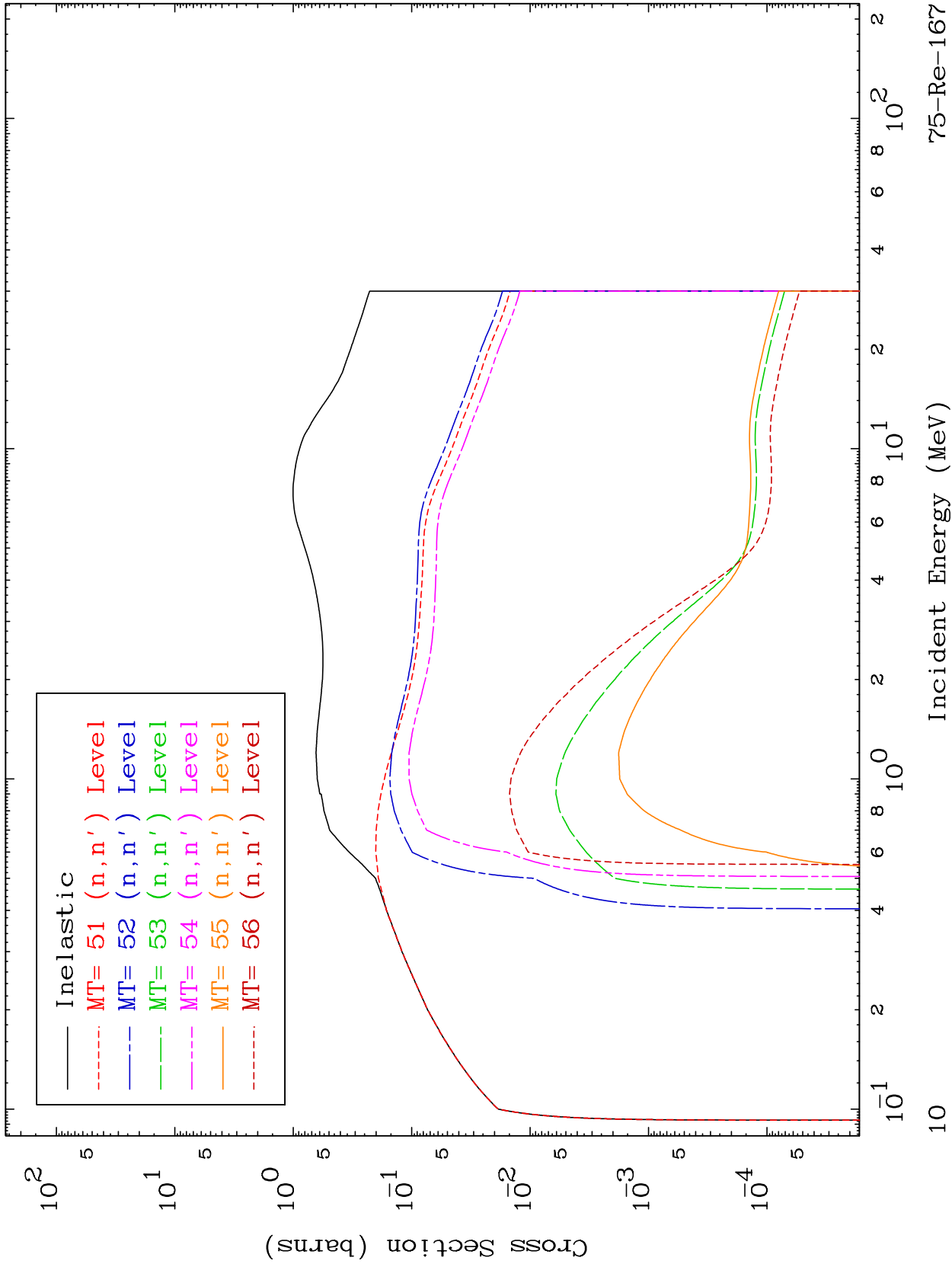
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MAT 7471

(n,n') Levels
293 Kelvin Cross Sections

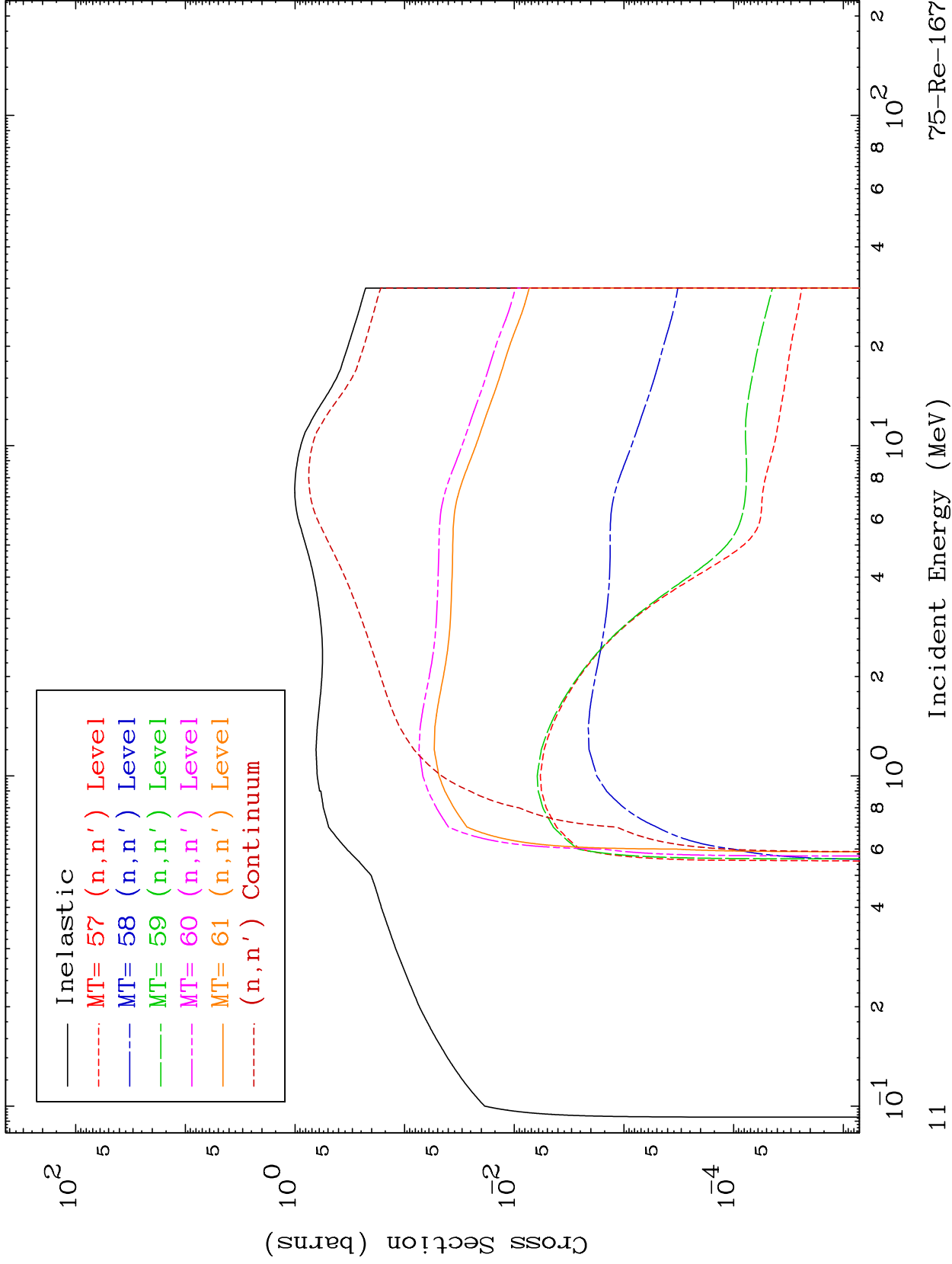
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MAT 7471

(n,n') Levels
293 Kelvin Cross Sections

75-Re-167



11

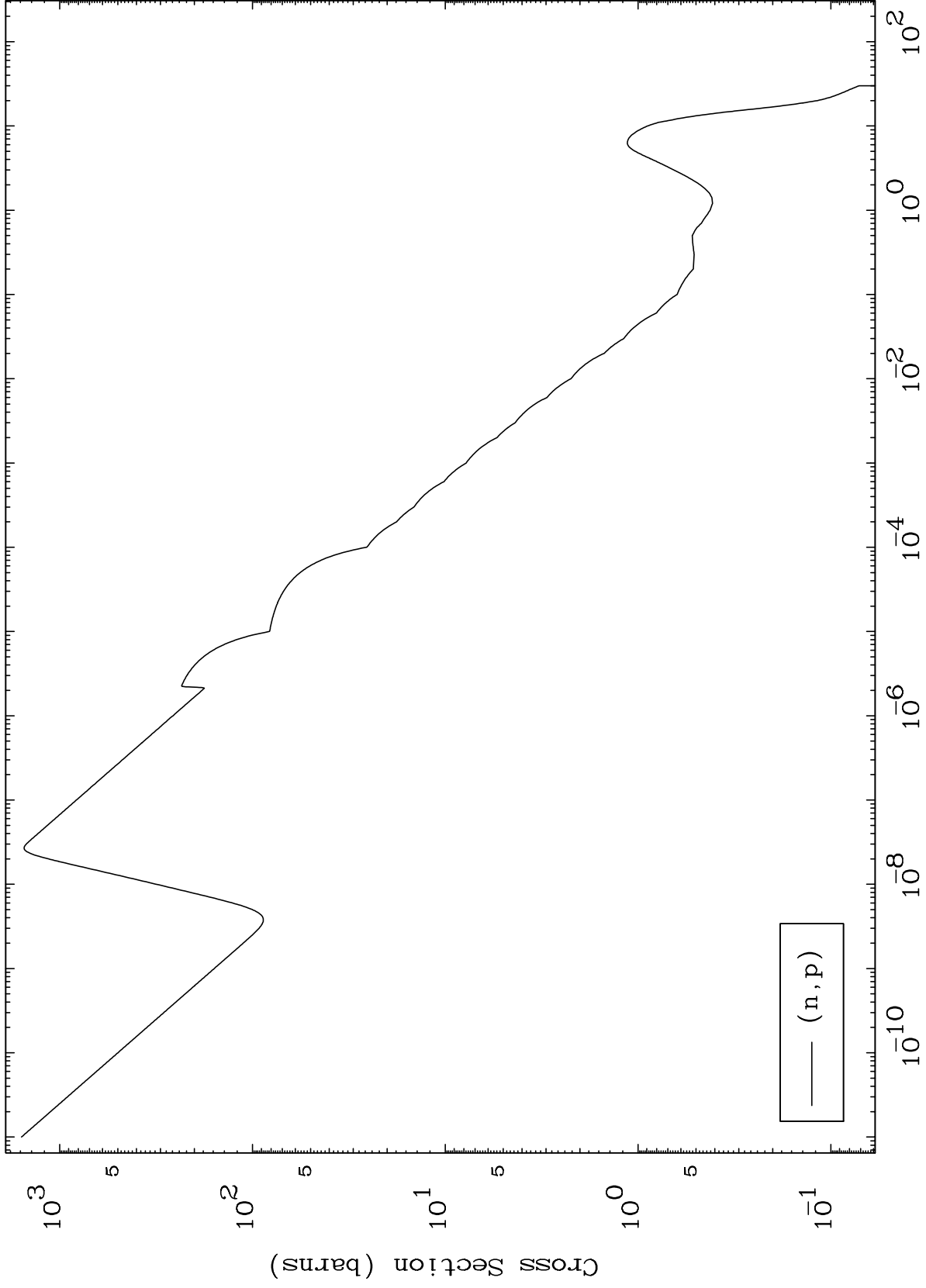
Incident Energy (MeV)

75-Re-167

MAT 7471

(n,p) Levels
293 Kelvin Cross Sections

75-Re-167



12

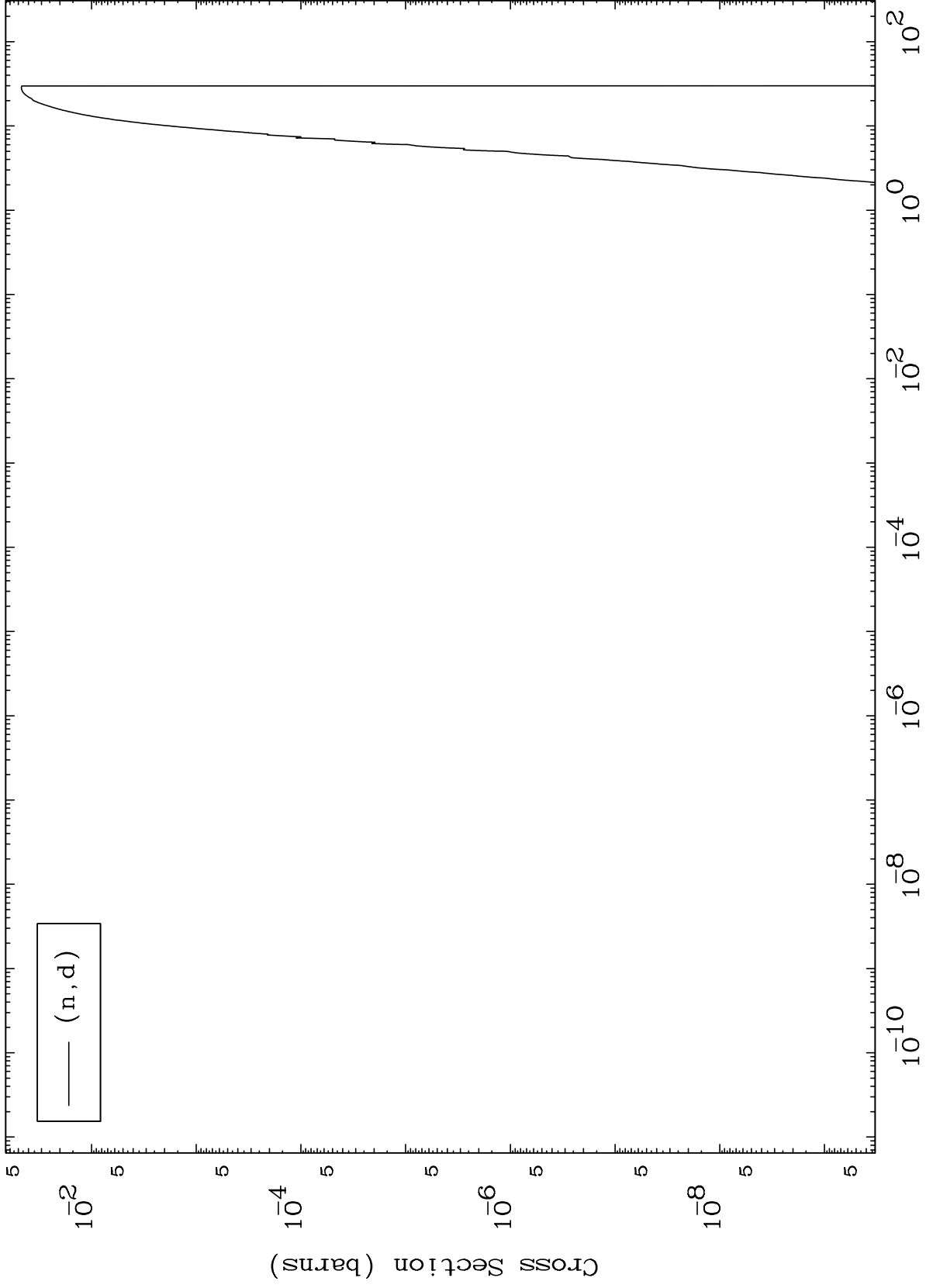
Incident Energy (MeV)

75-Re-167

MAT 7471

(n,d) Levels
293 Kelvin Cross Sections

75-Re-167



13

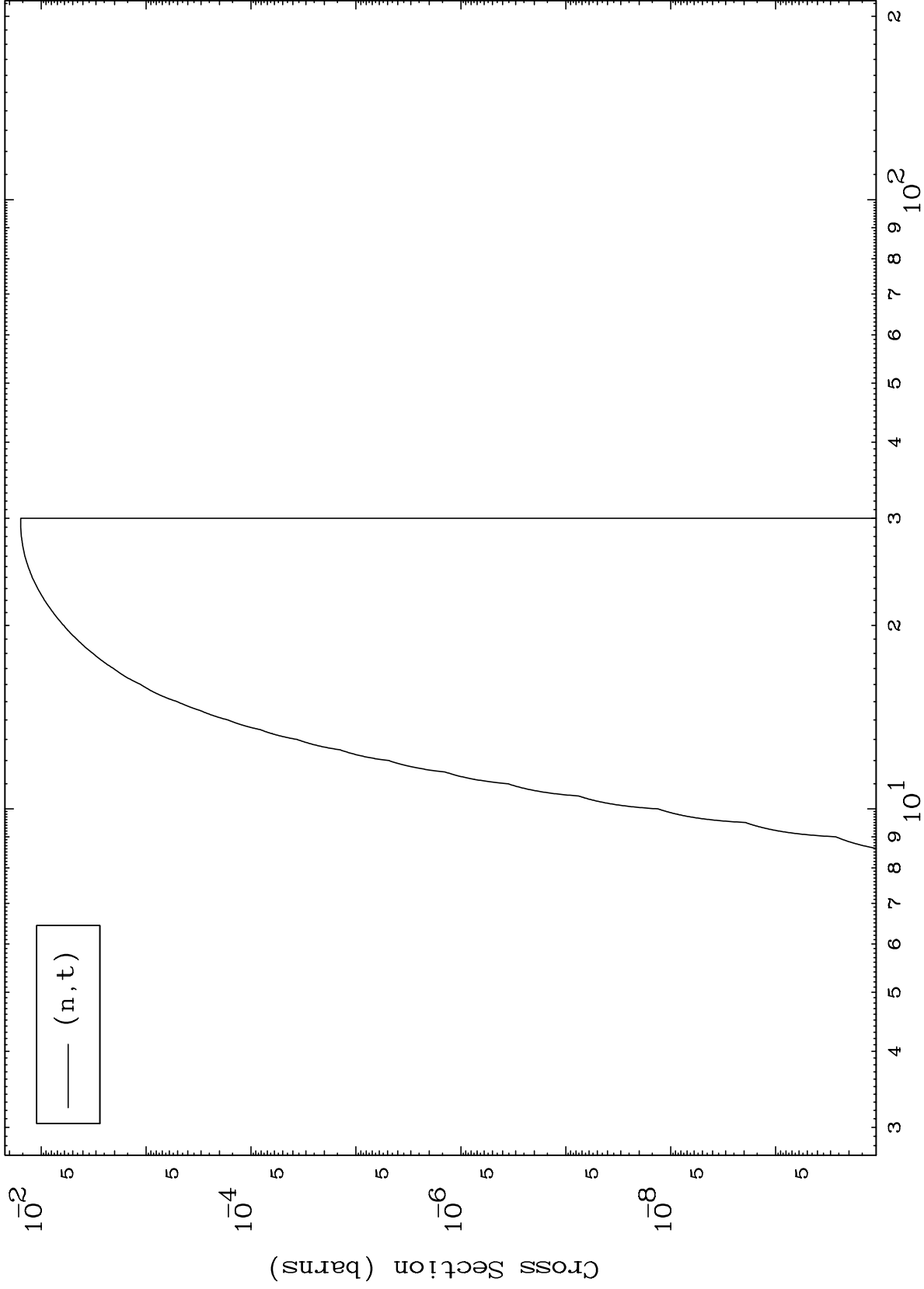
Incident Energy (MeV)

75-Re-167

MAT 7471

(n,t) Levels
293 Kelvin Cross Sections

75-Re-167



14

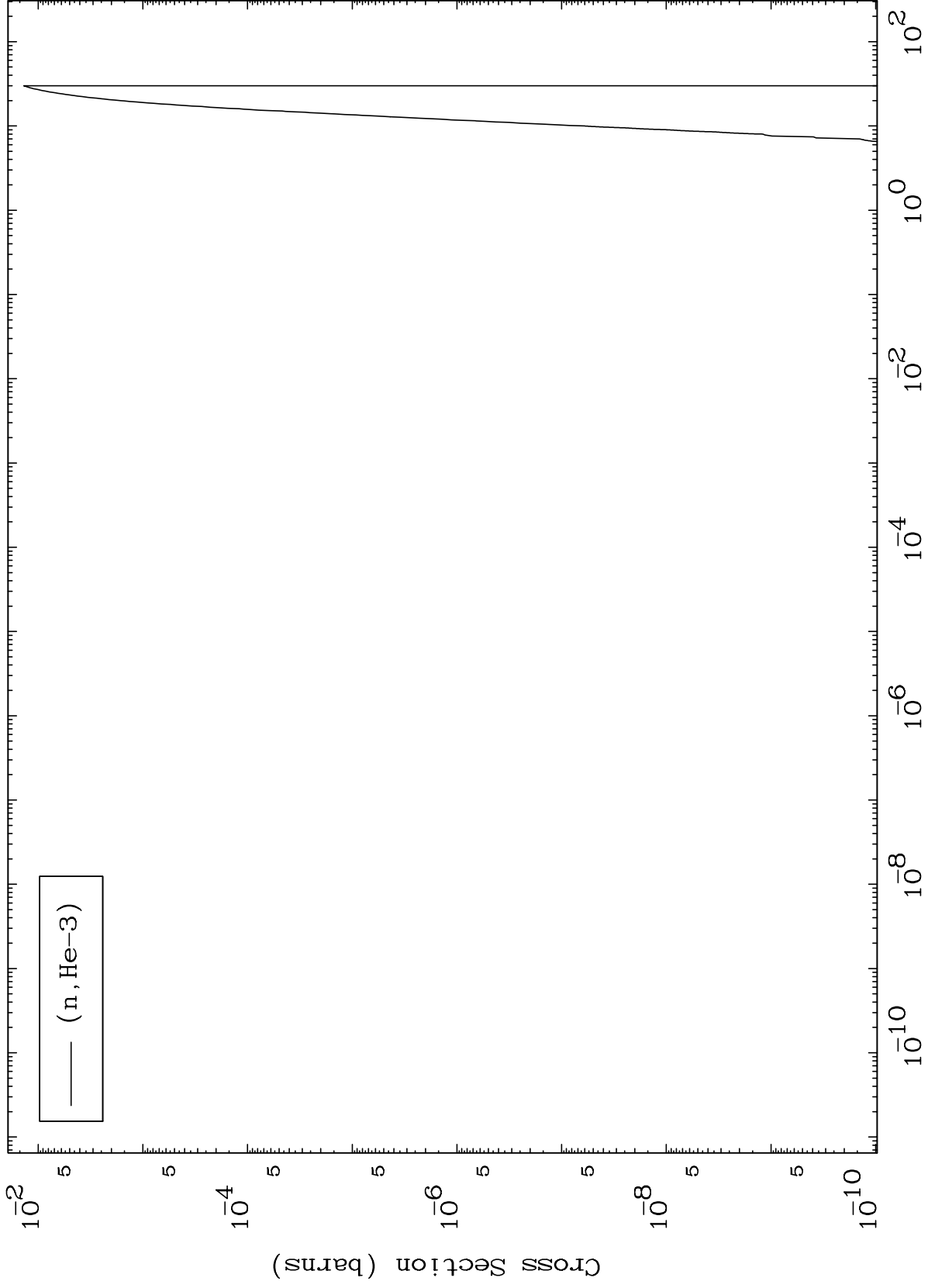
Incident Energy (MeV)

75-Re-167

MAT 7471

(n,He3) Levels
293 Kelvin Cross Sections

75-Re-167



15

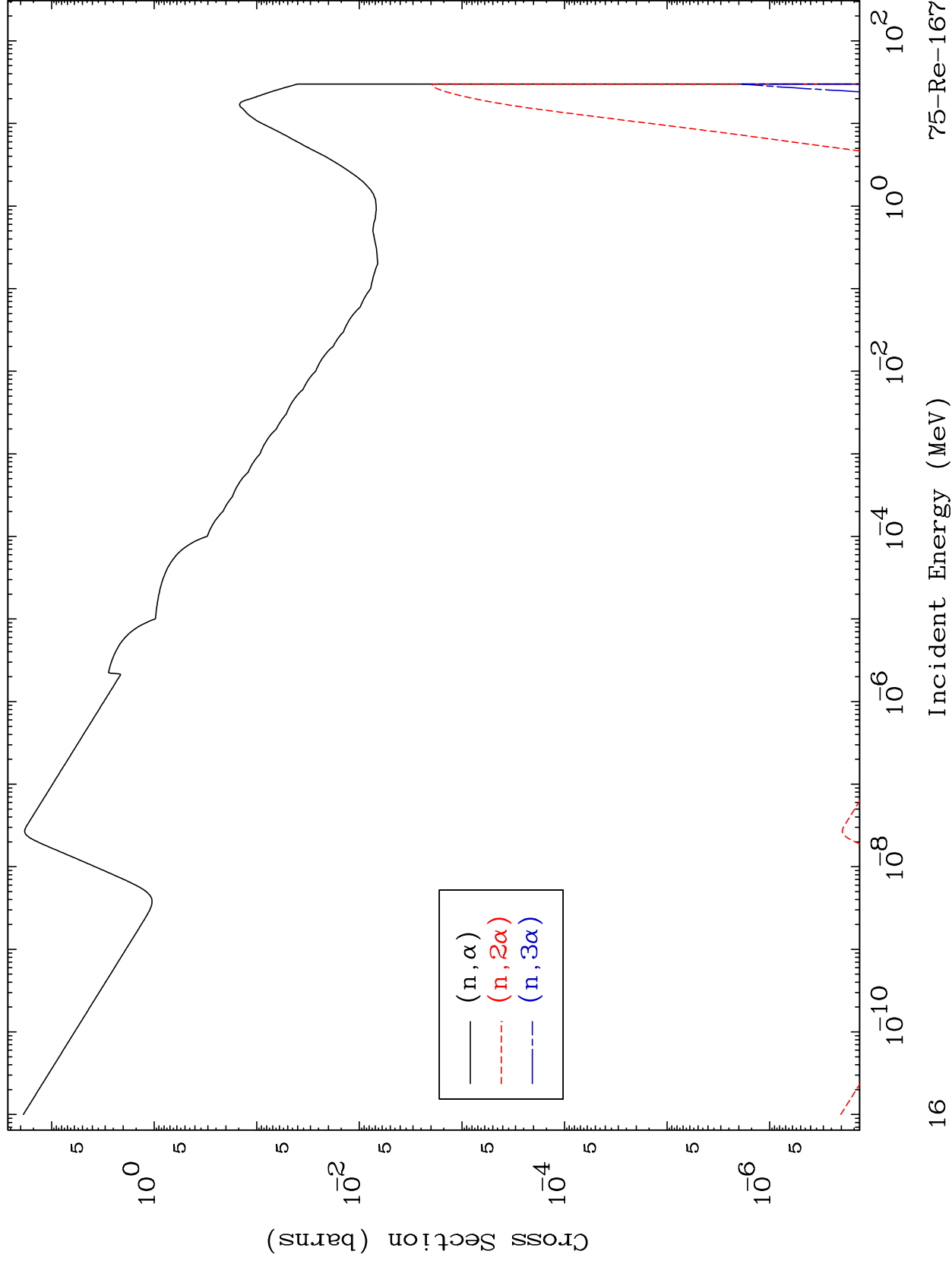
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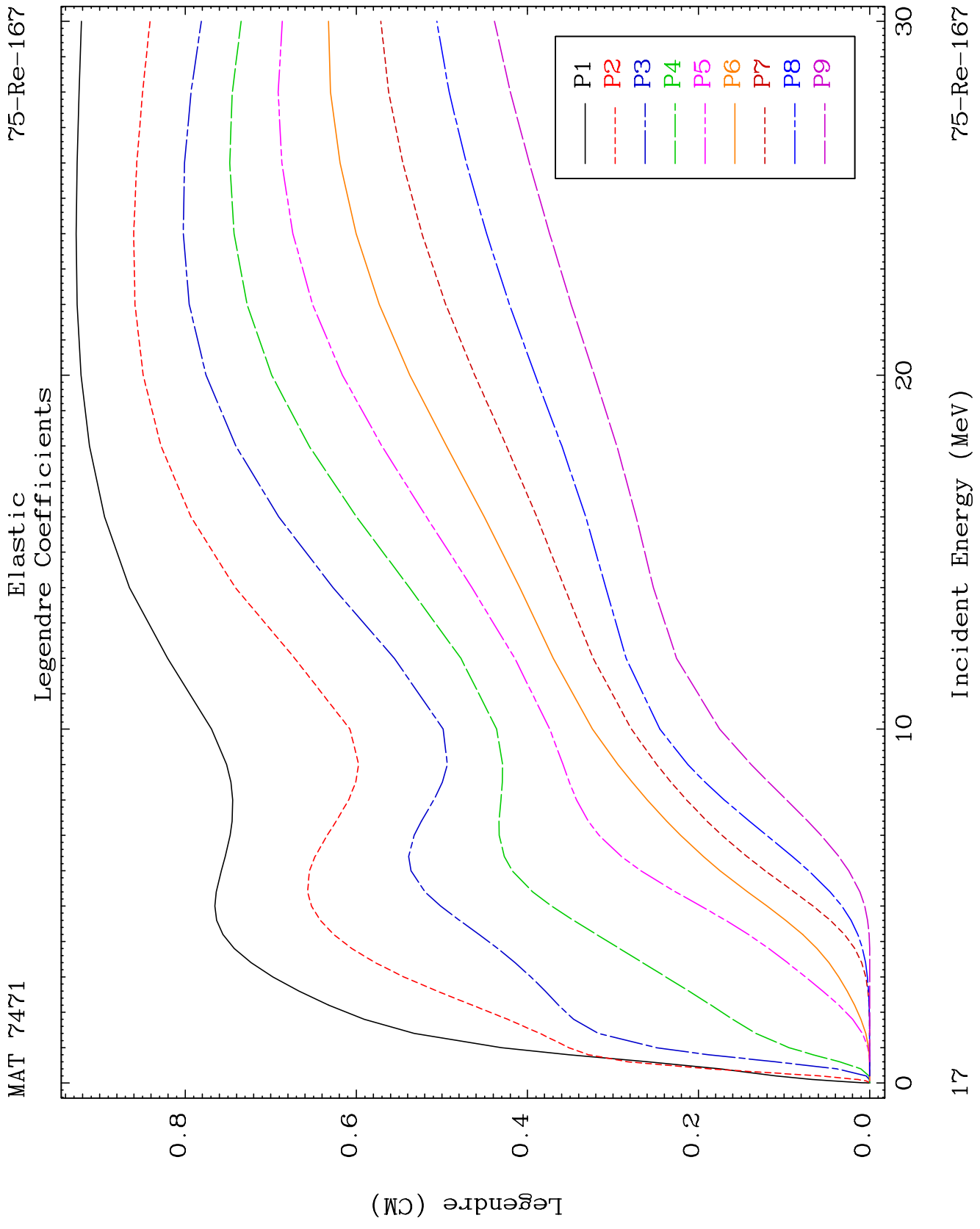
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MAT 7471

(n, α) Levels
293 Kelvin Cross Sections

75-Re-167

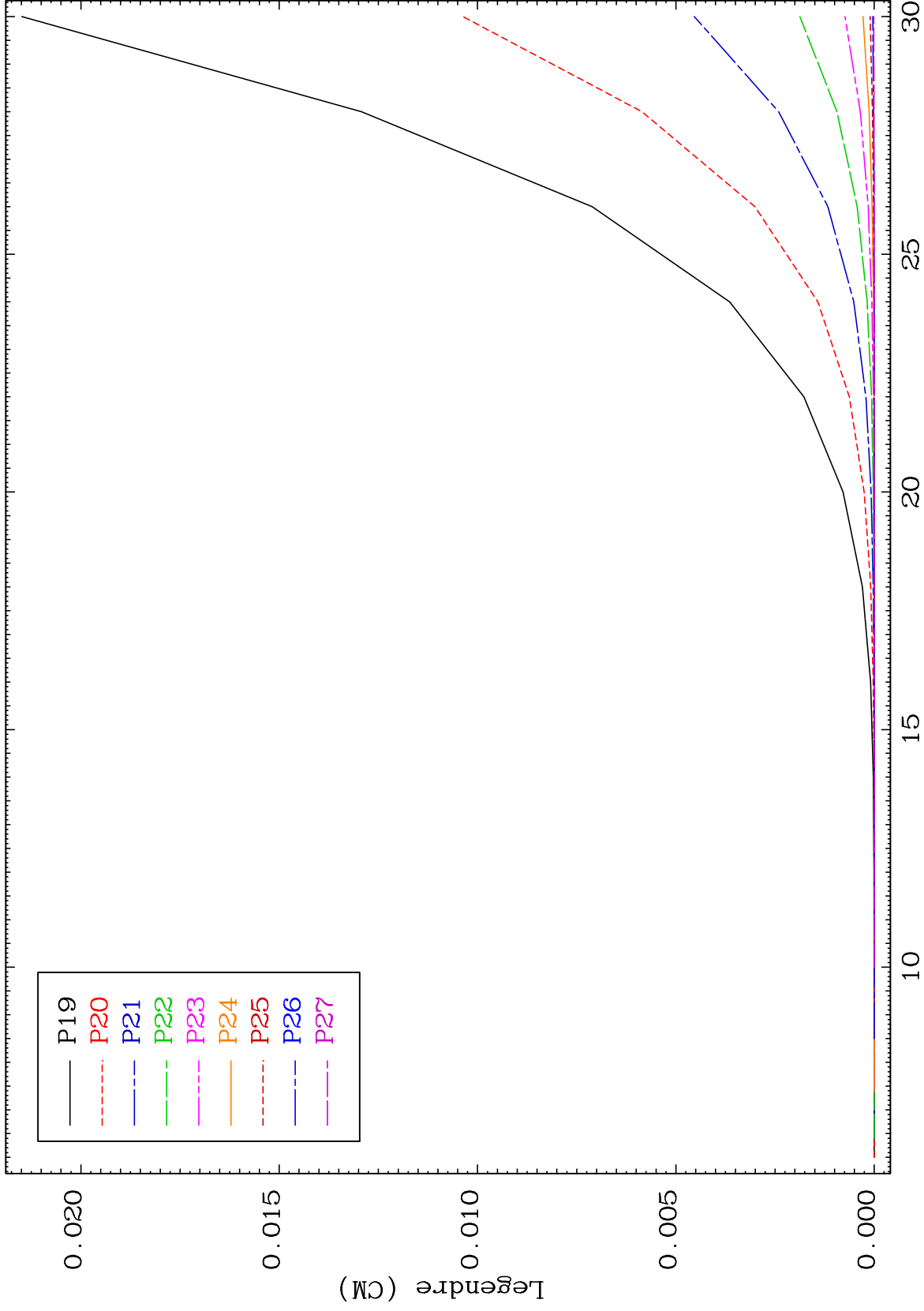




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Elastic Legendre Coefficients

75-Re-167



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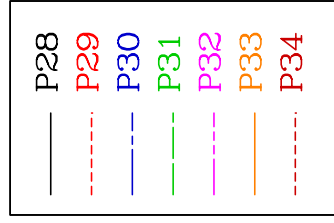
Incident Energy (MeV)

75-Re-167

MAT 7471

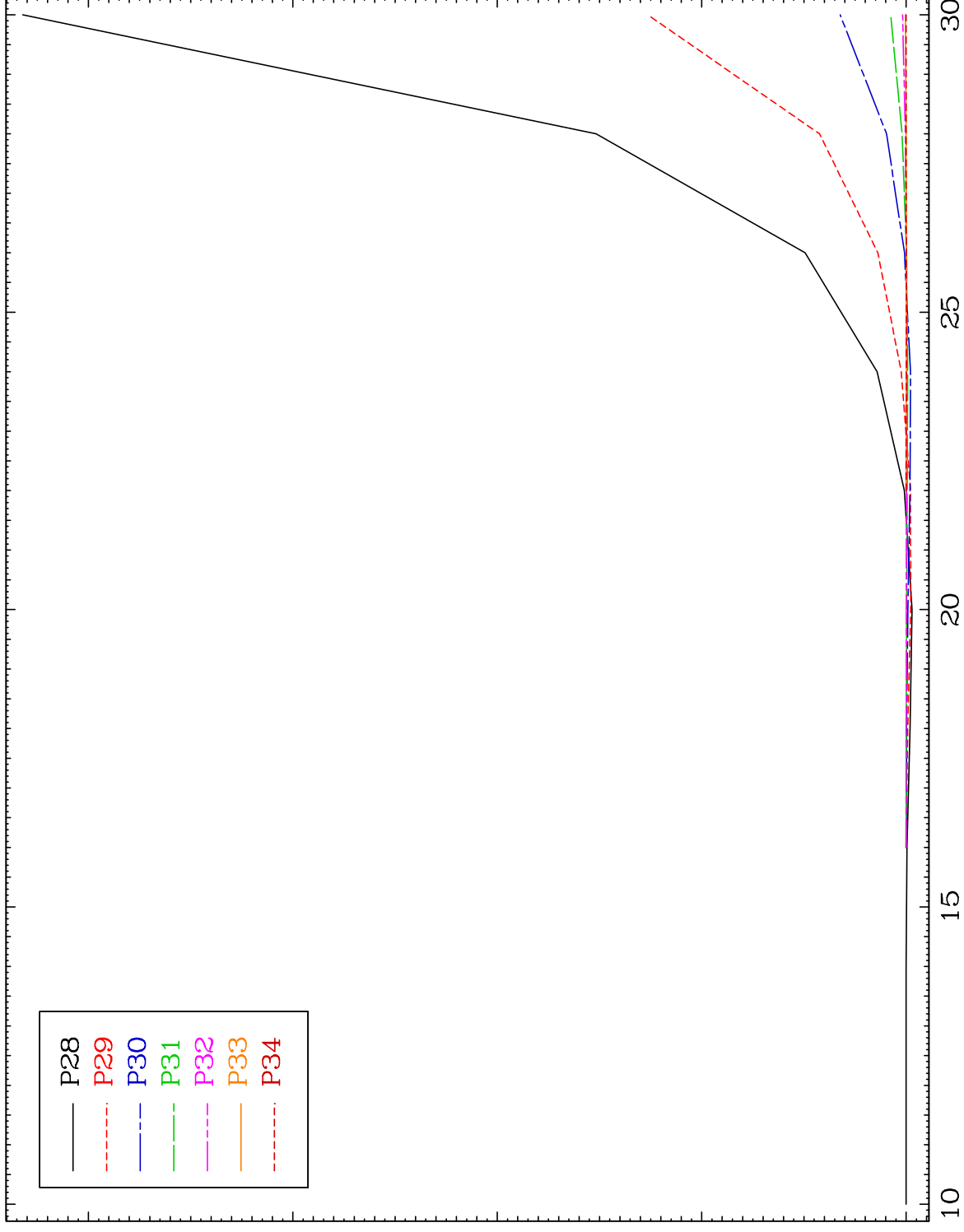
Elastic
Legendre Coefficients

75-Re-167



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

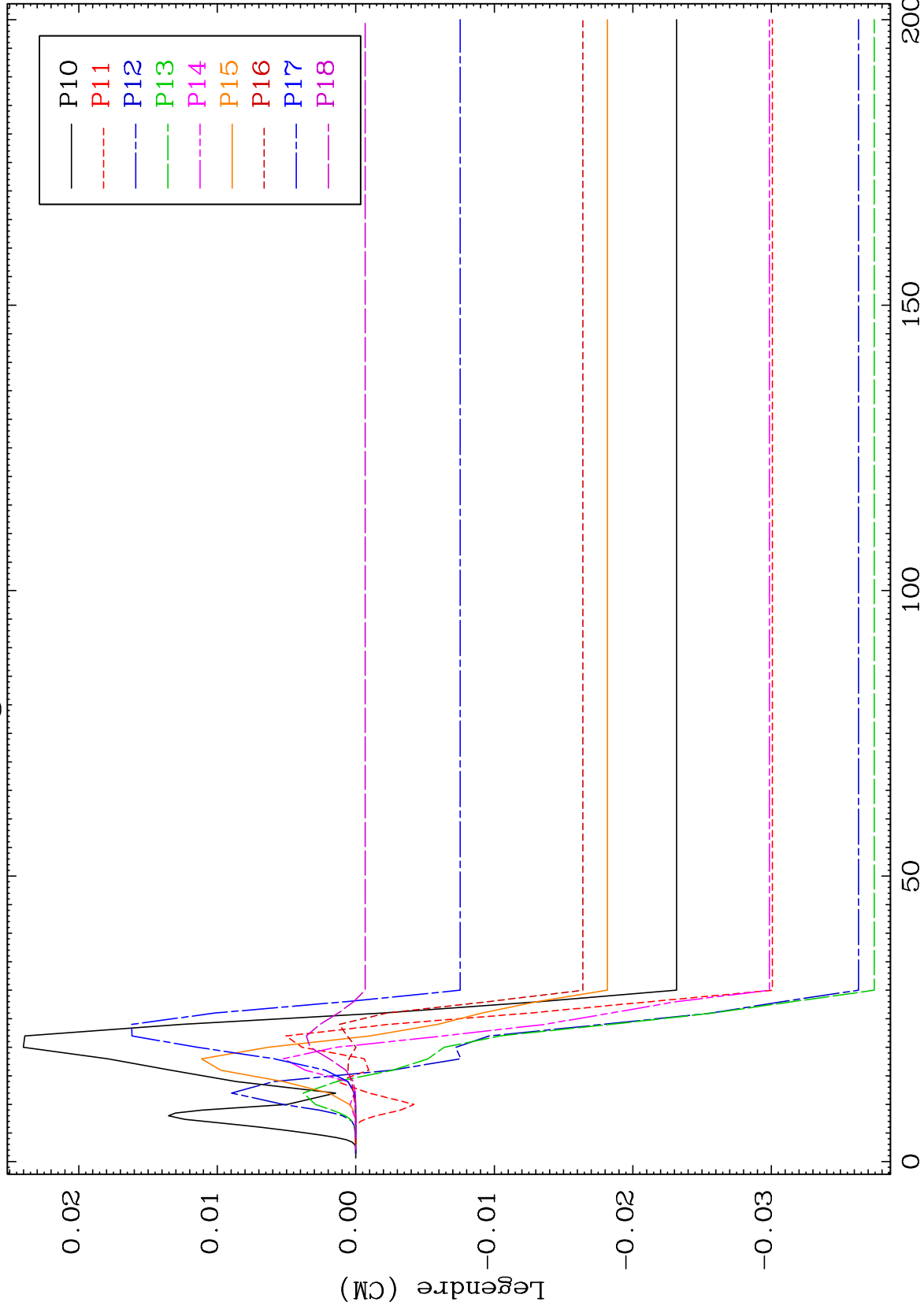
Incident Energy (MeV)

75-Re-167

MAT 7471

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

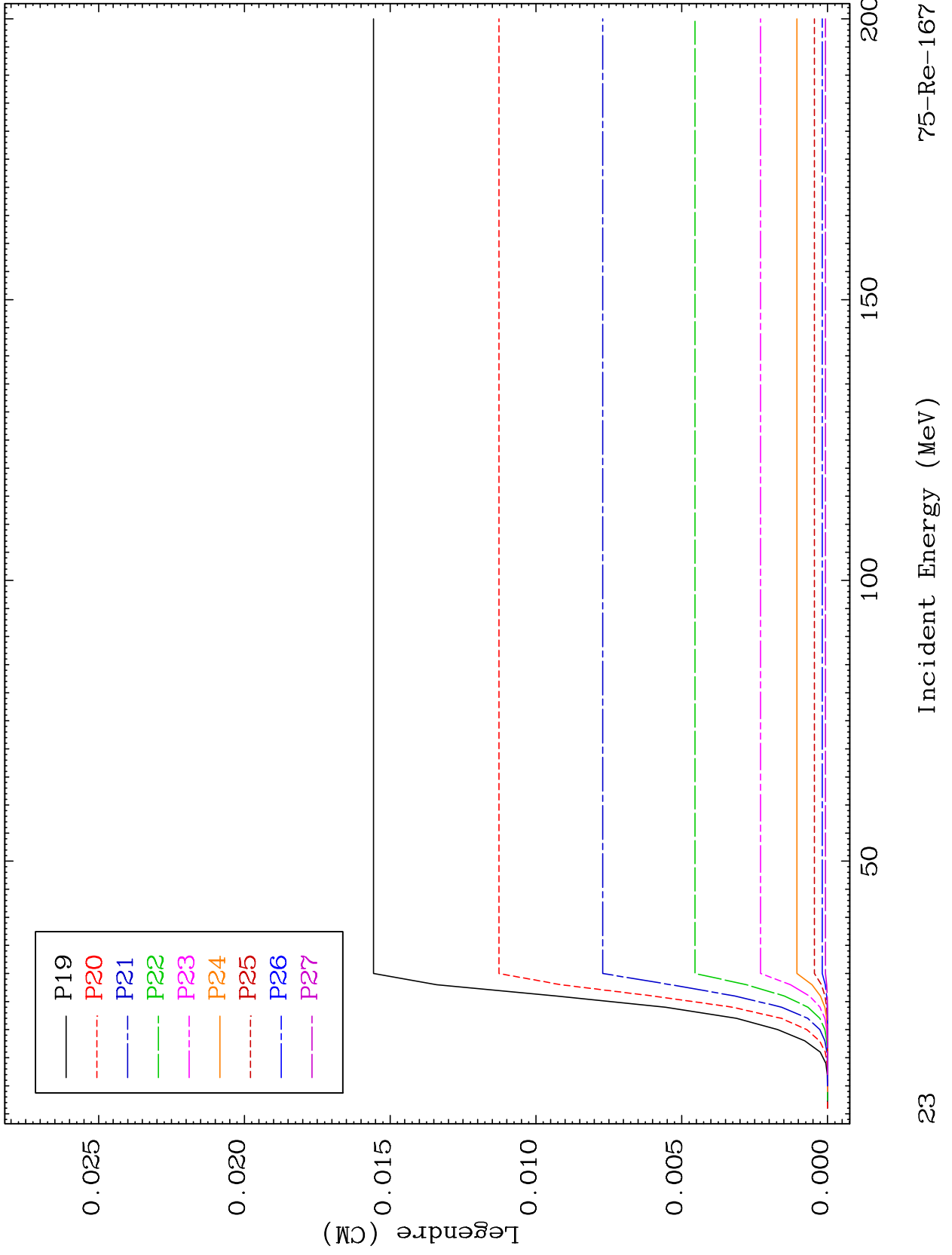
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22

Incident Energy (MeV)

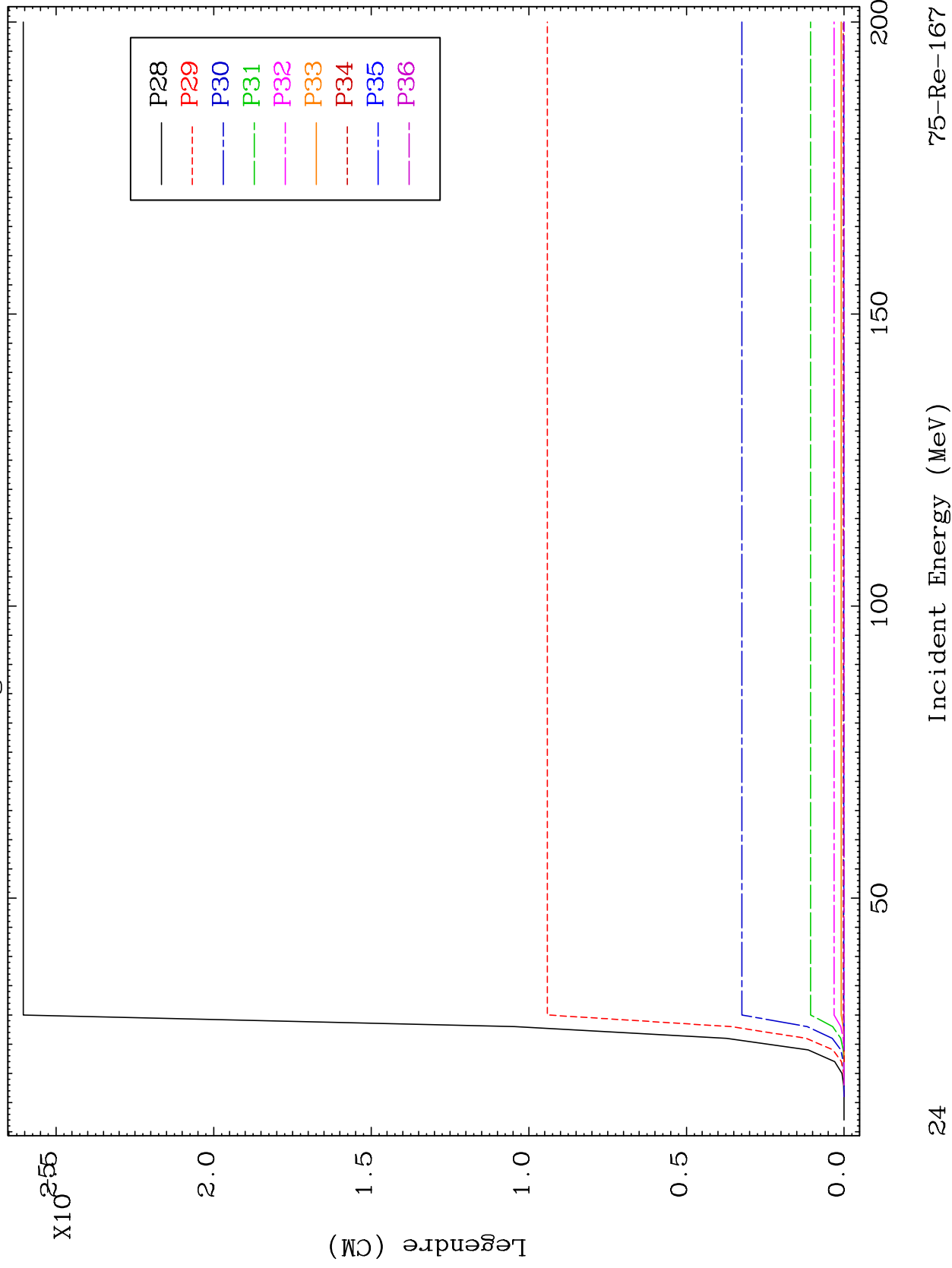
75-Re-167



MAT 7471

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

75-Re-167



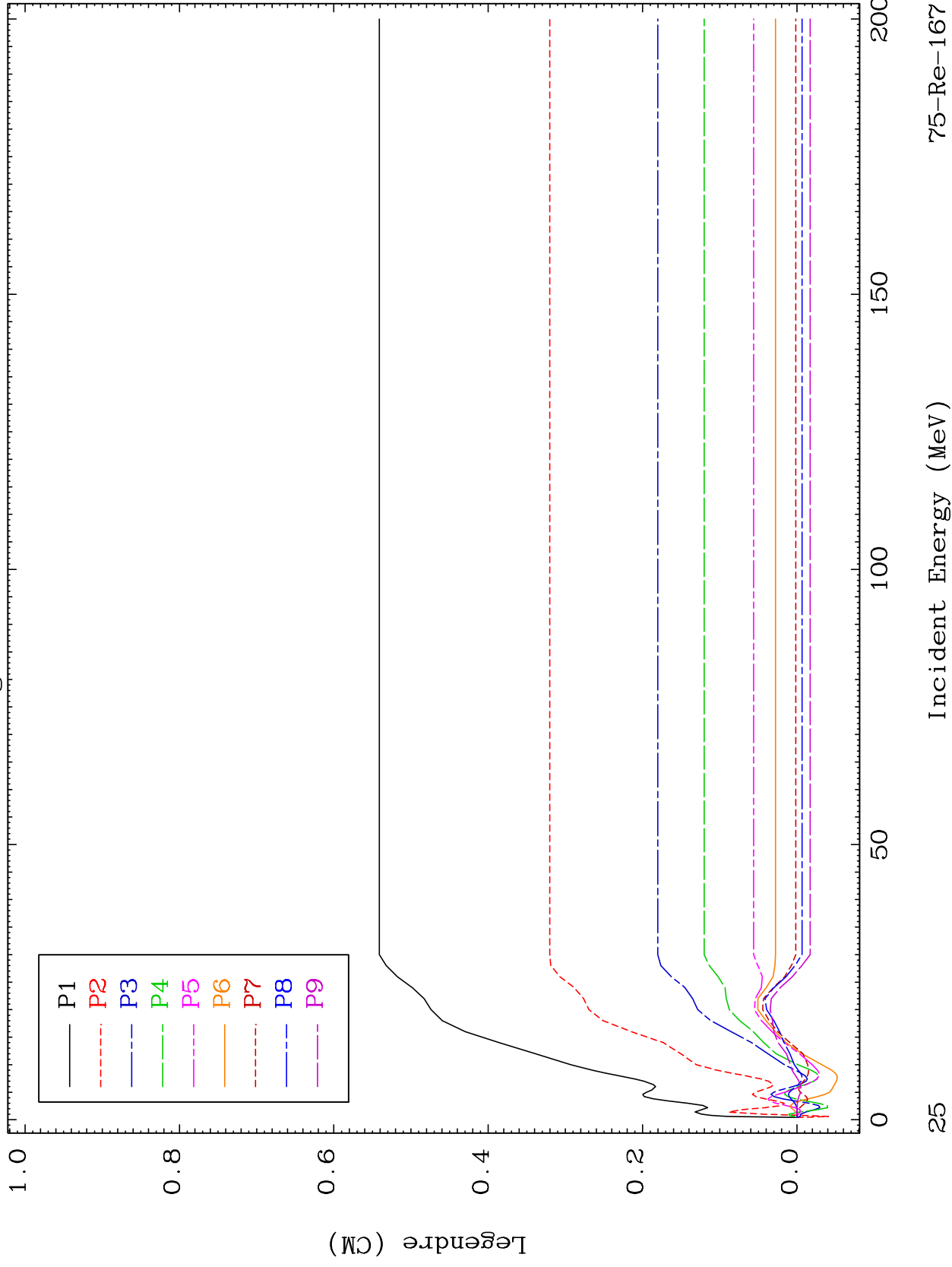
24

75-Re-167

MAT 7471

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

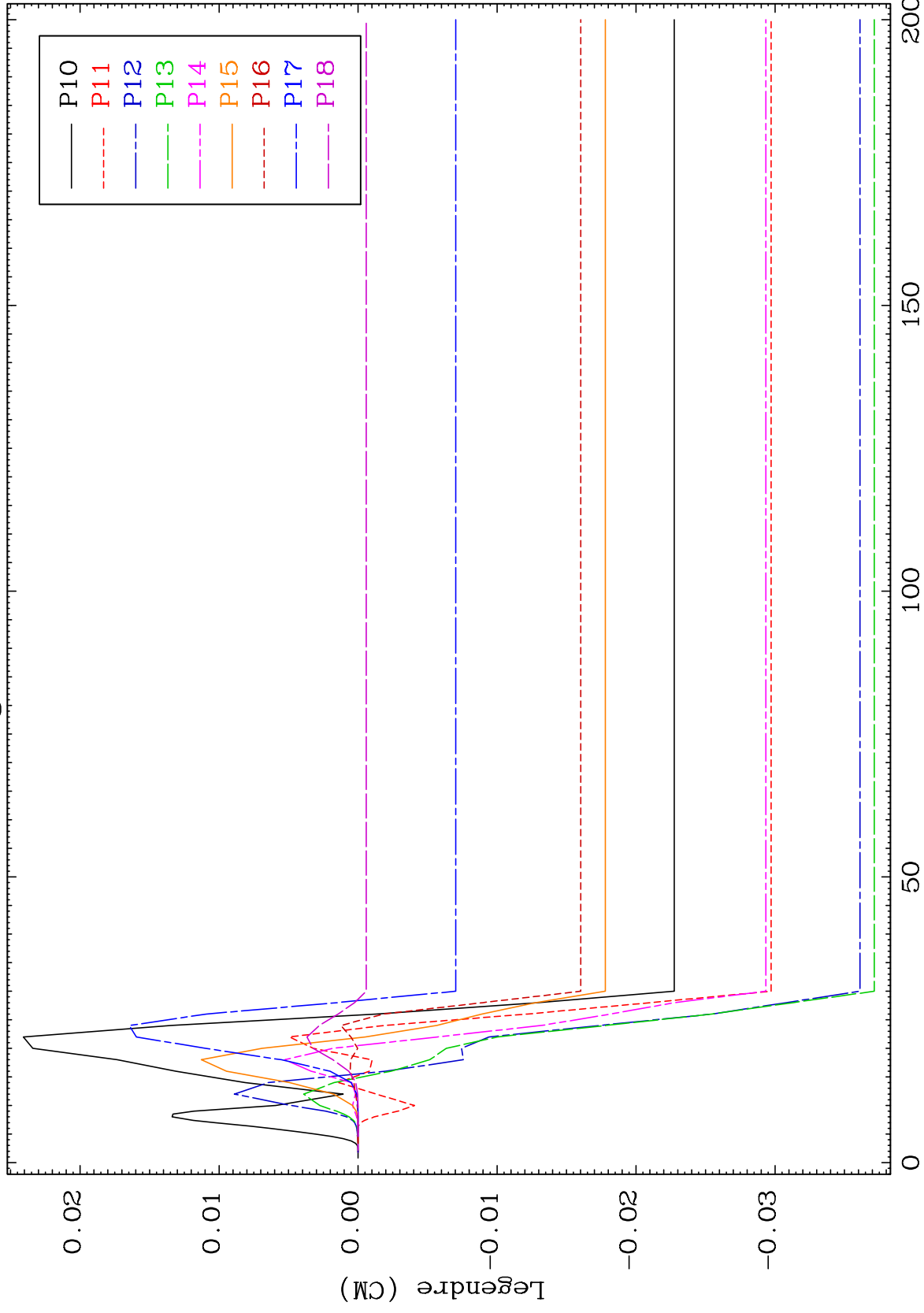
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MAT 7471

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

75-Re-167



26

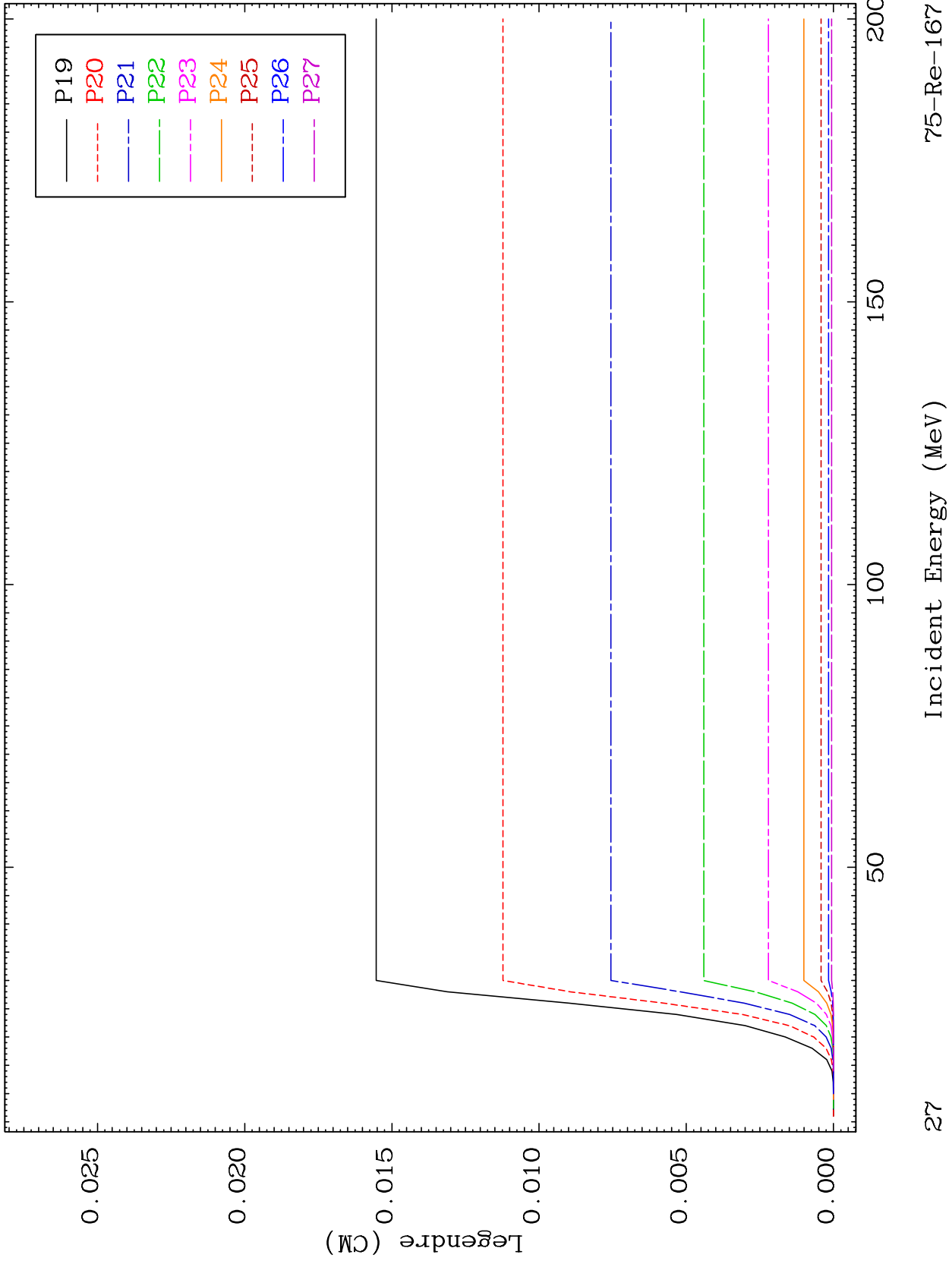
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



27

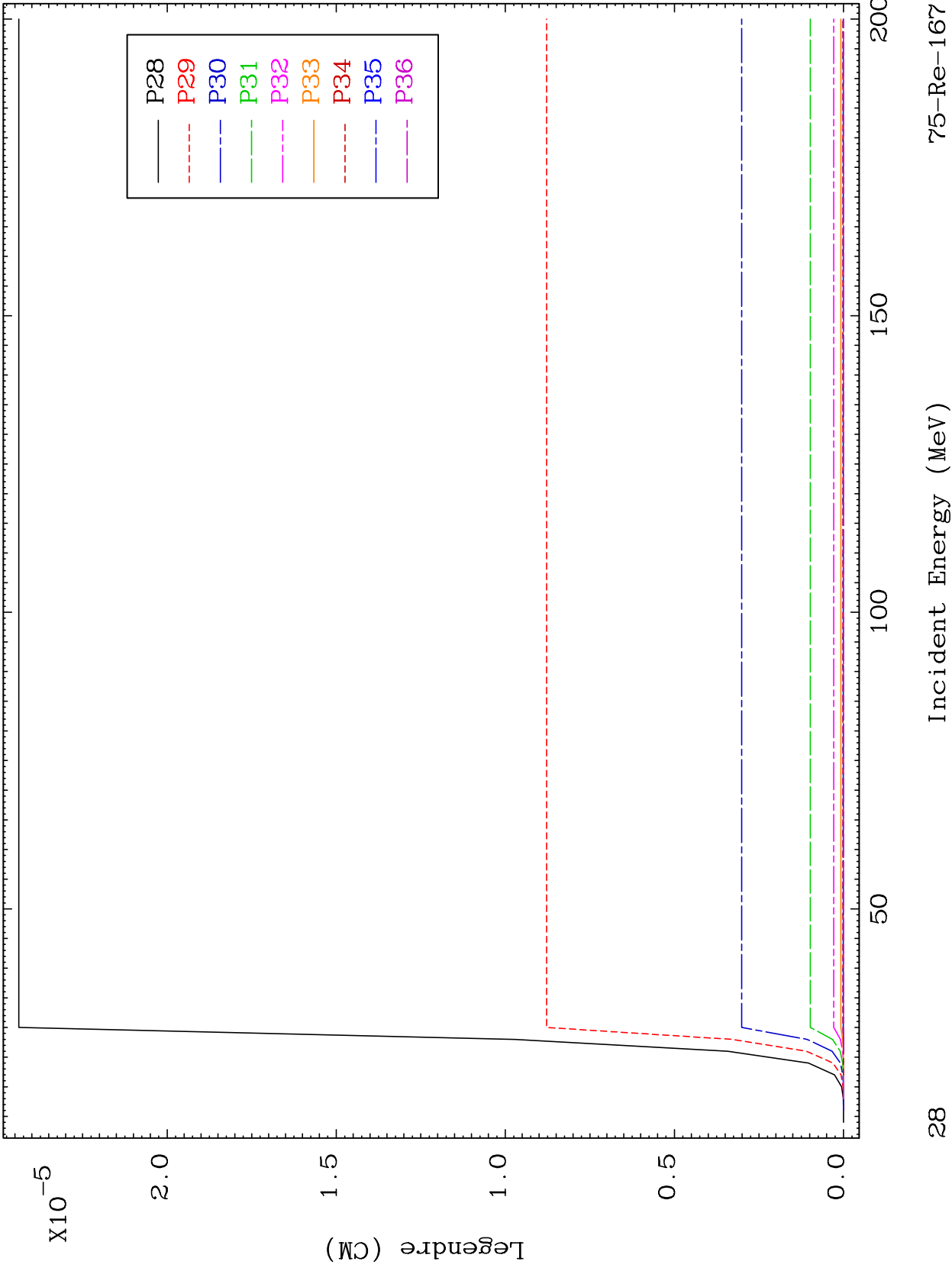
Incident Energy (MeV)

75-Re-167

MAT 7471

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

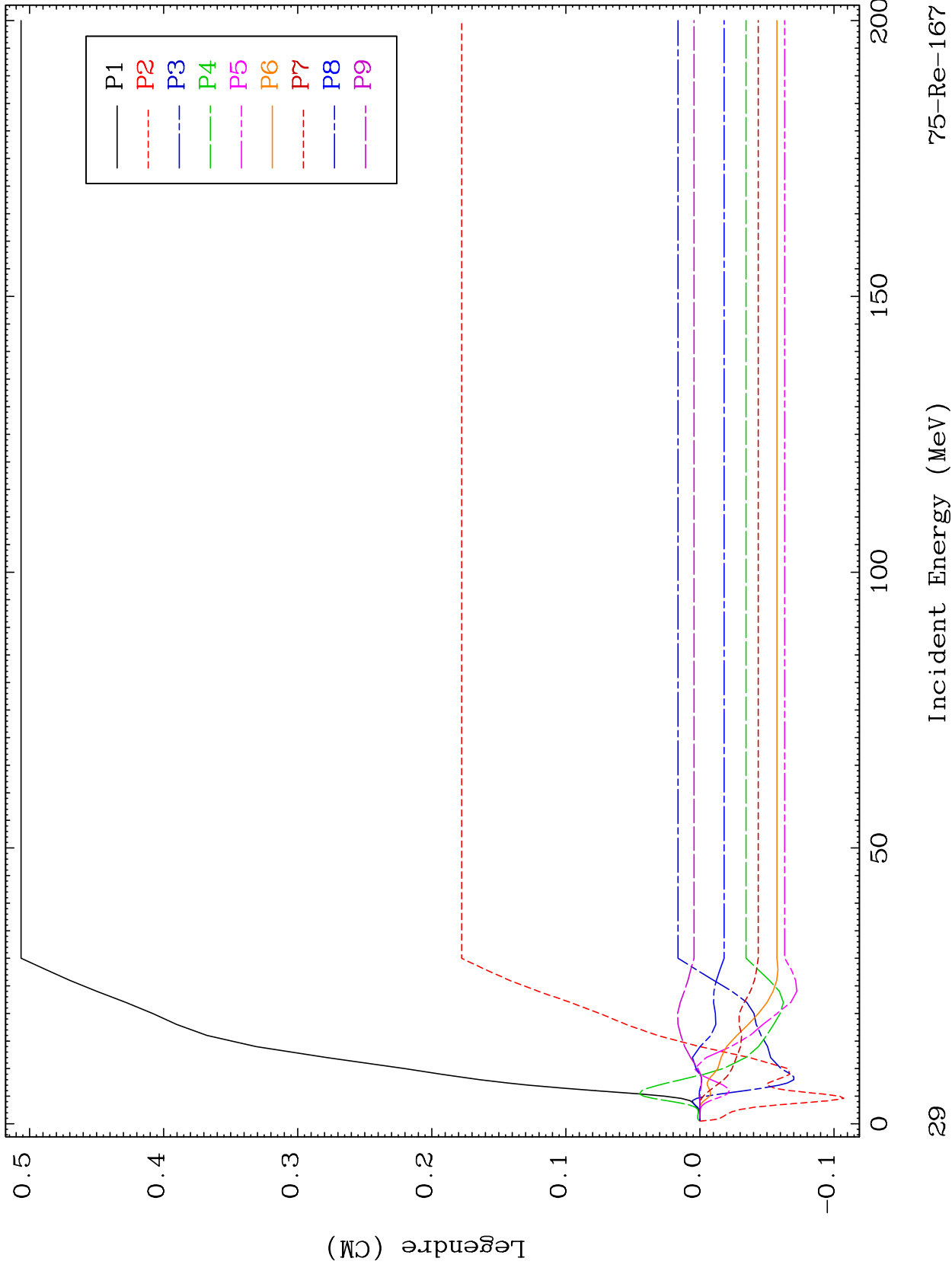
75-Re-167



MAT 7471

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

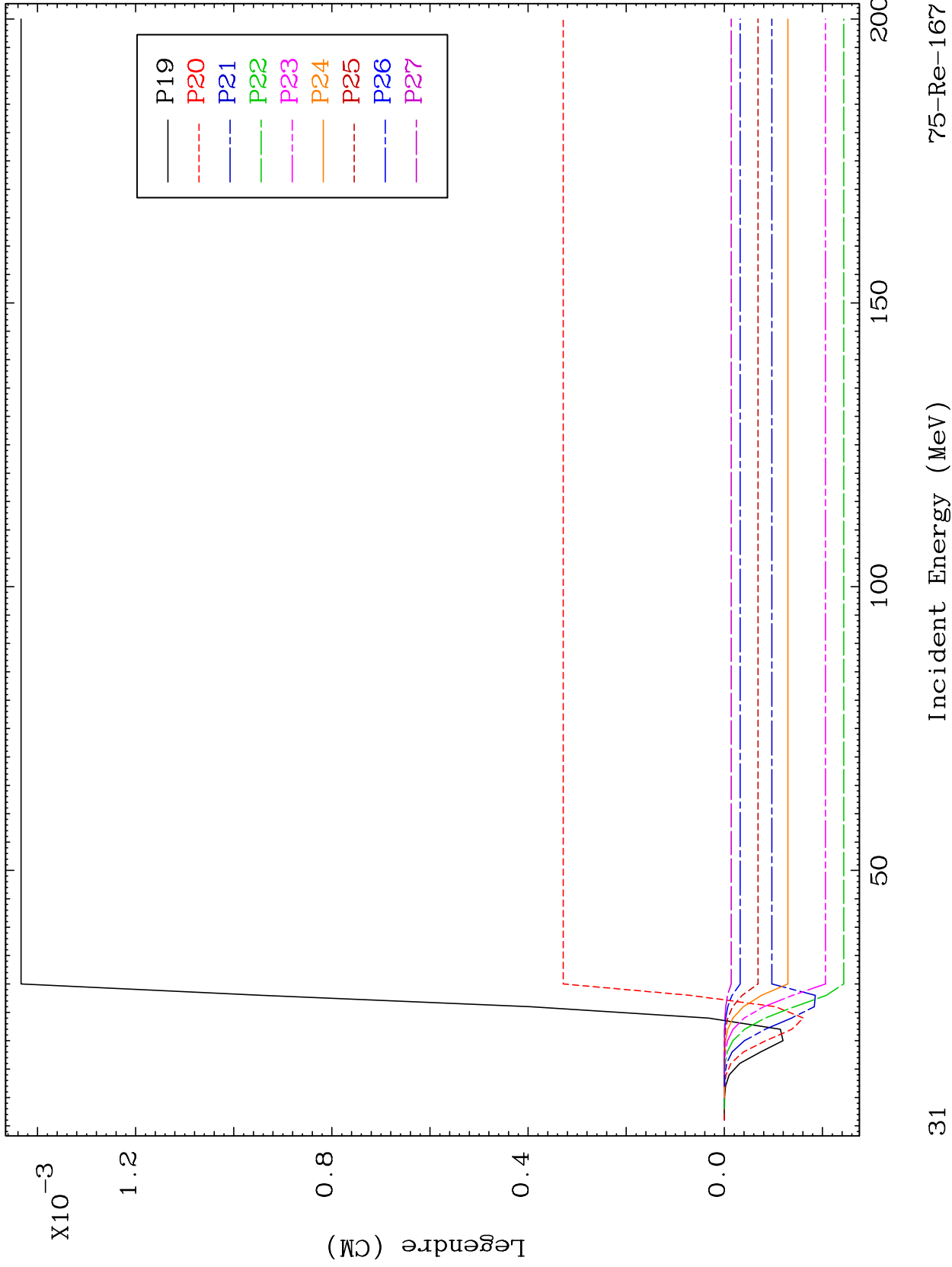
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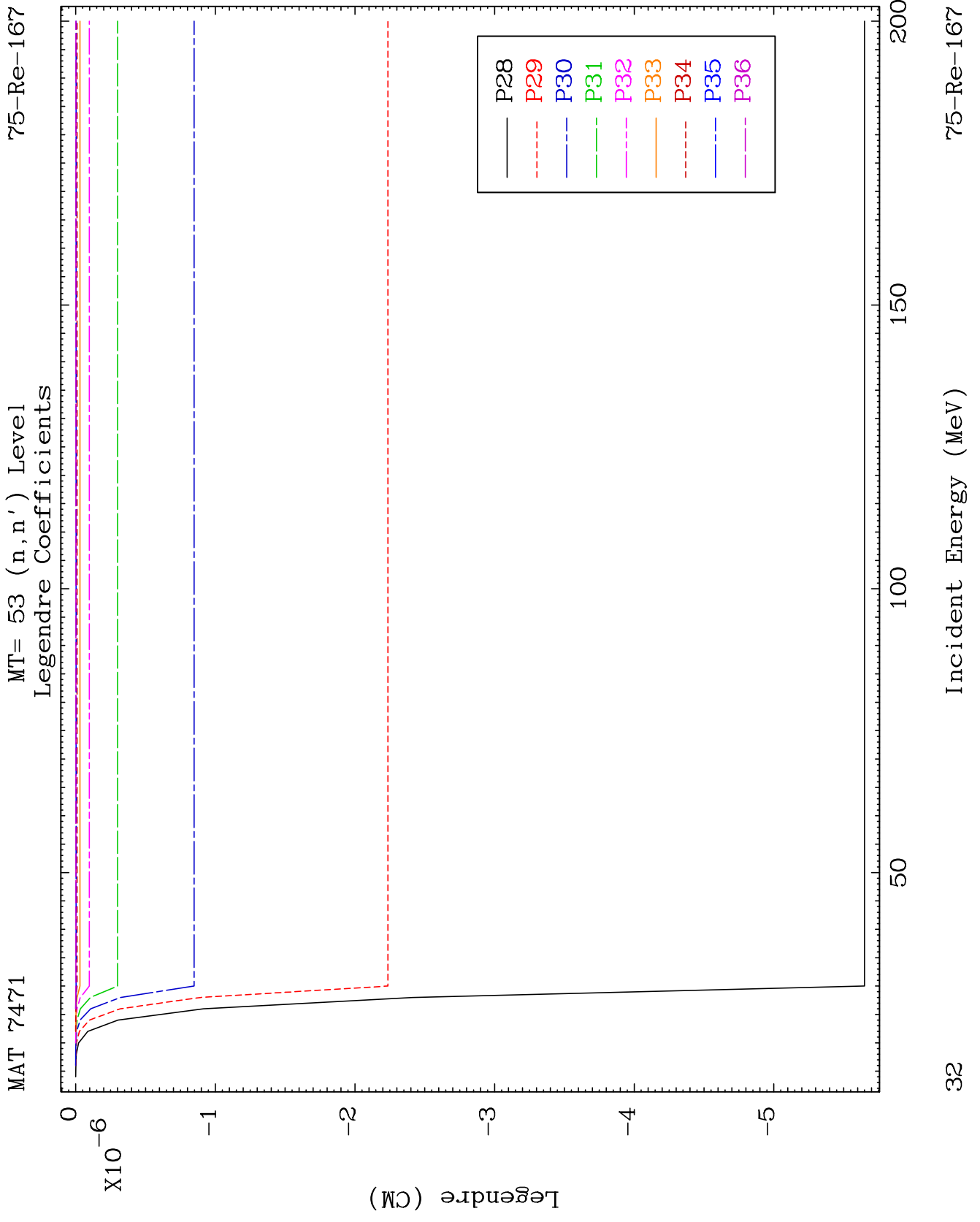


29

Incident Energy (MeV)

75-Re-167

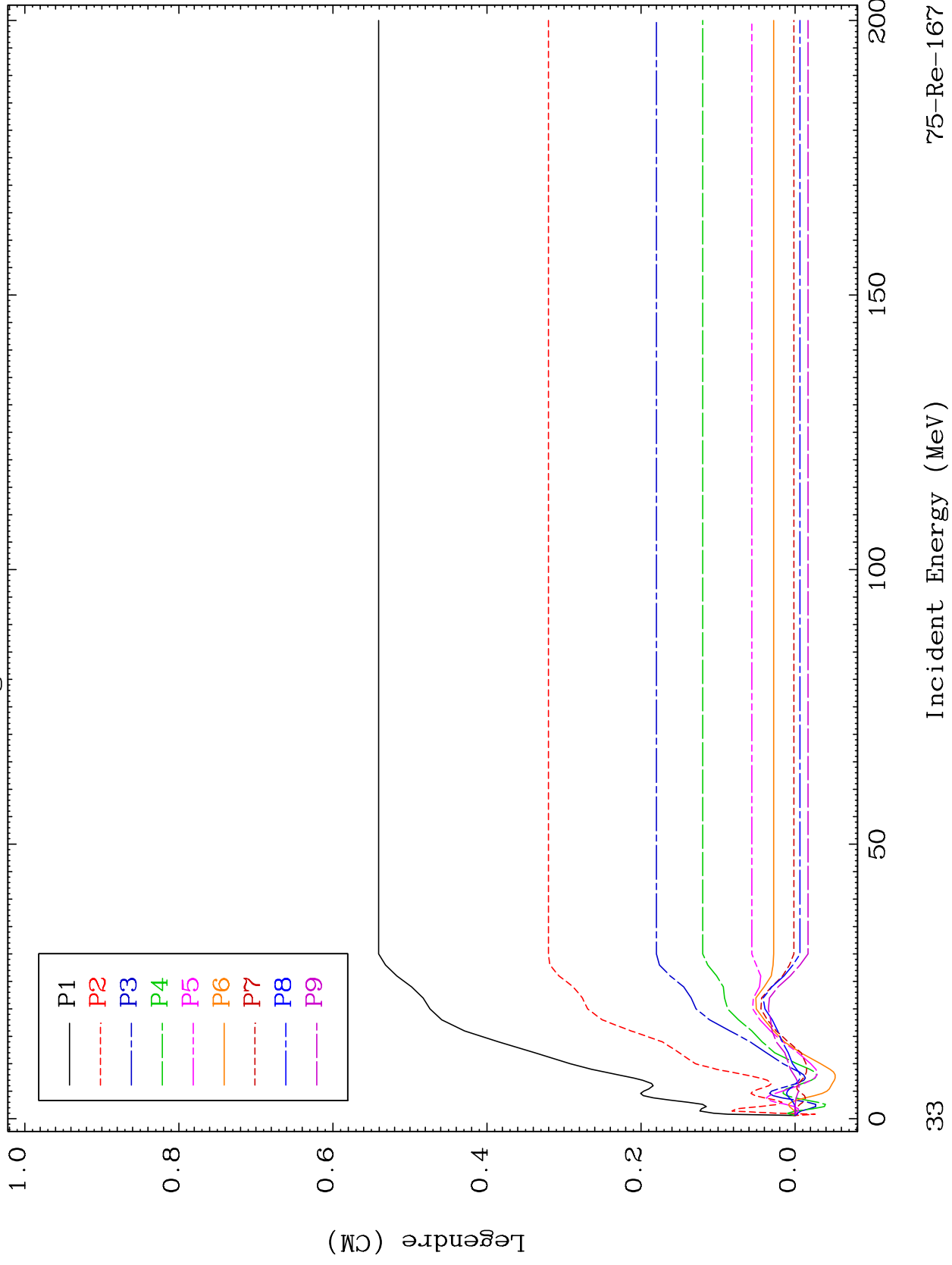




MAT 7471

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

75-Re-167



33

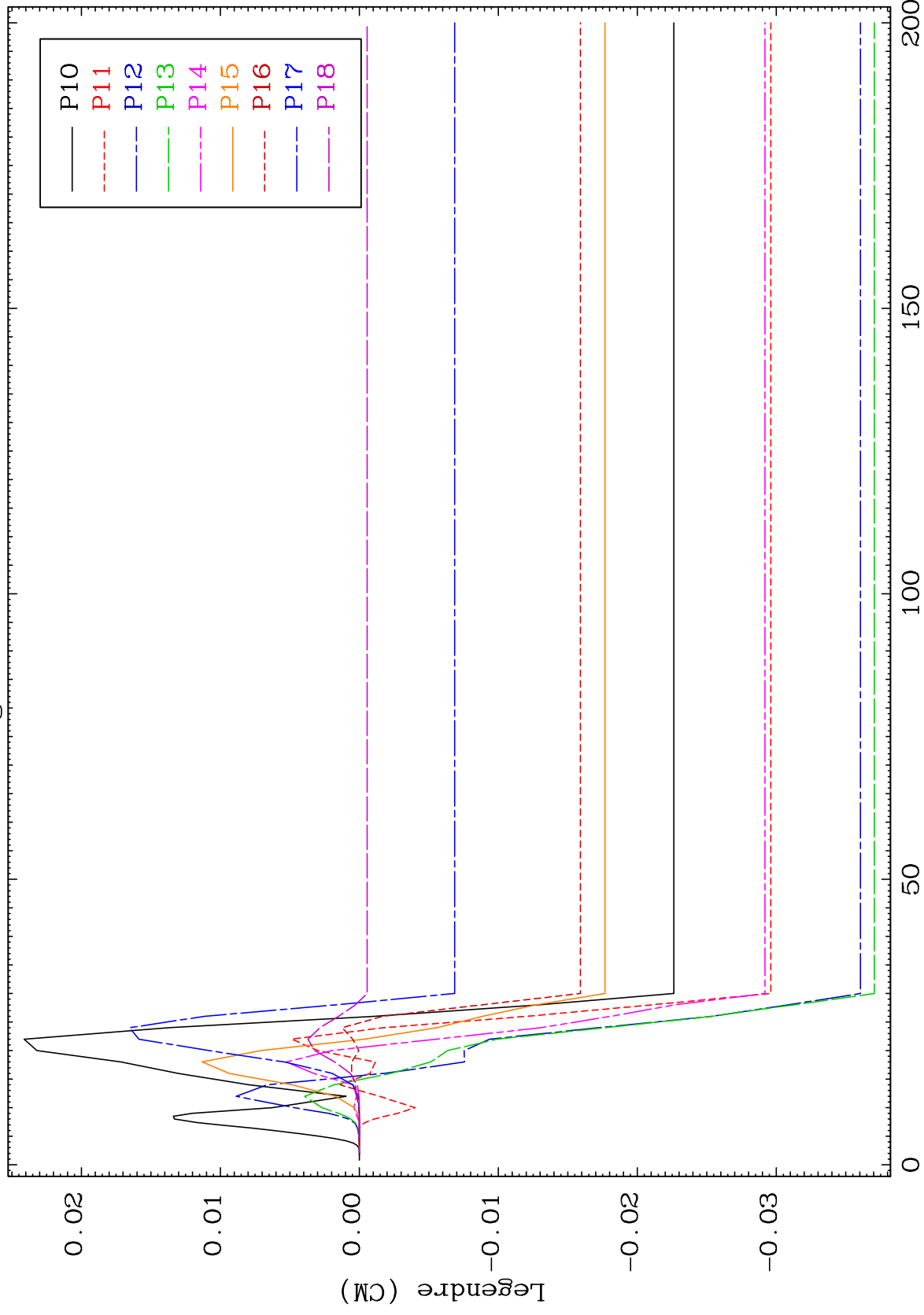
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



34

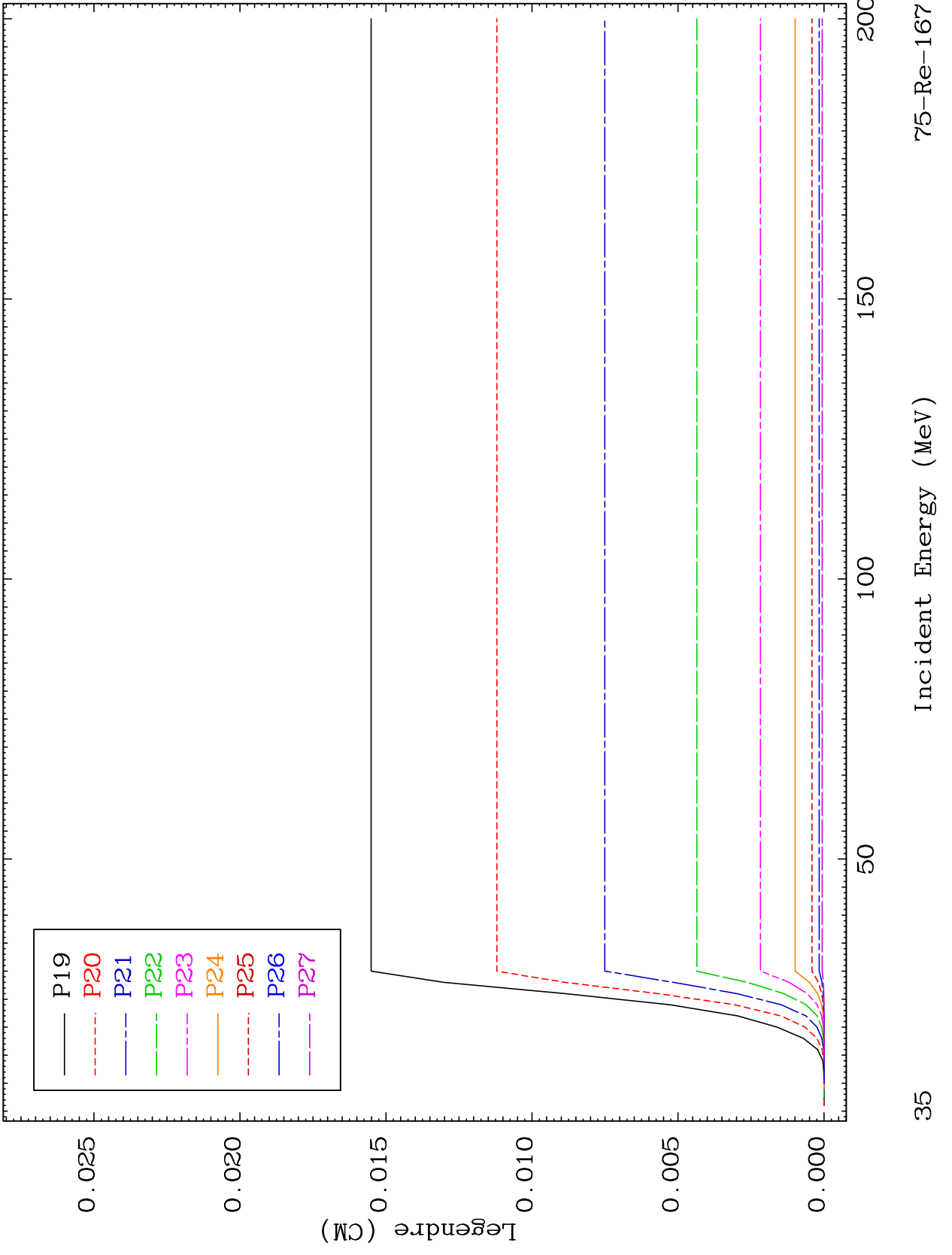
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



35

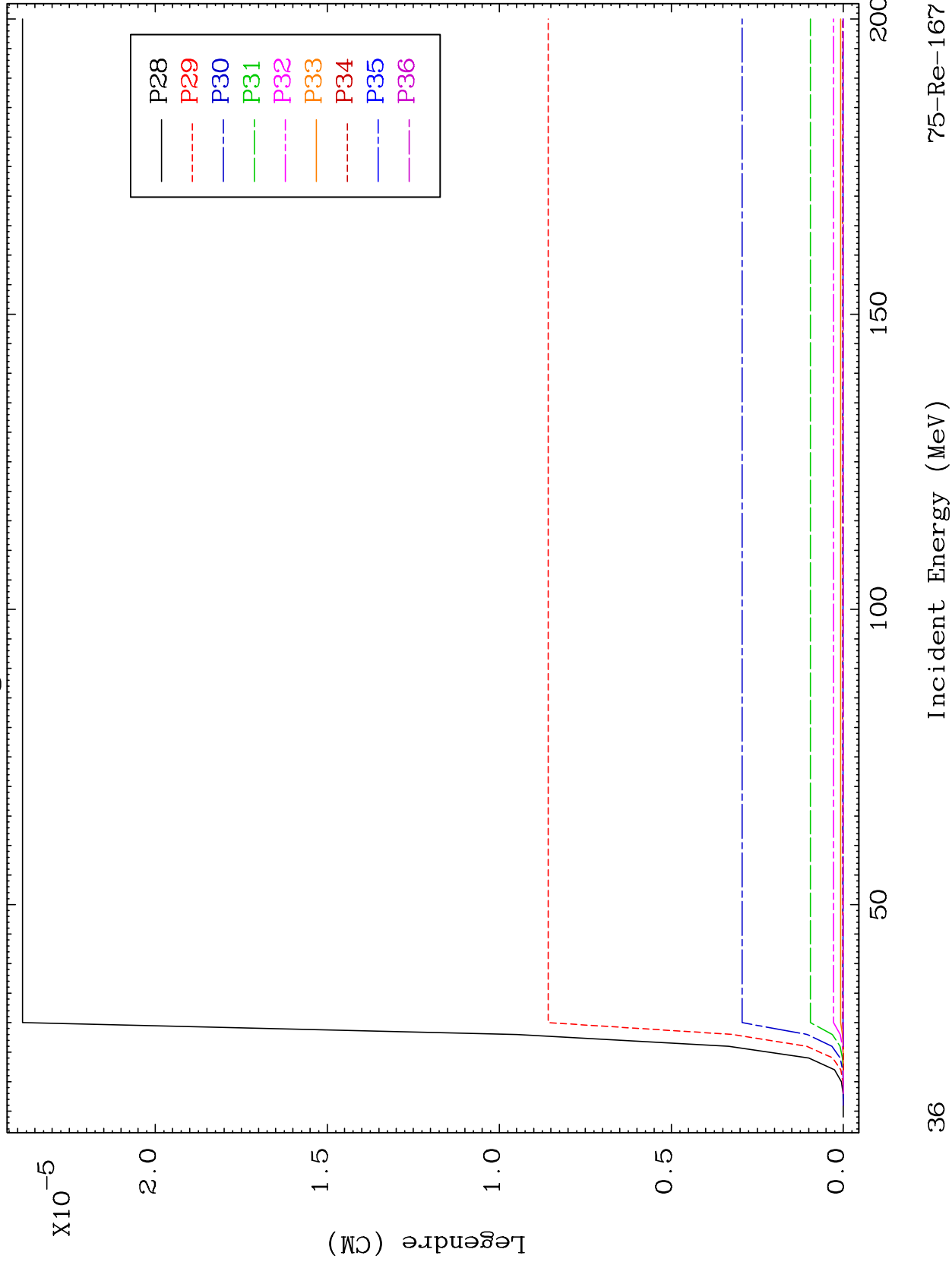
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



36

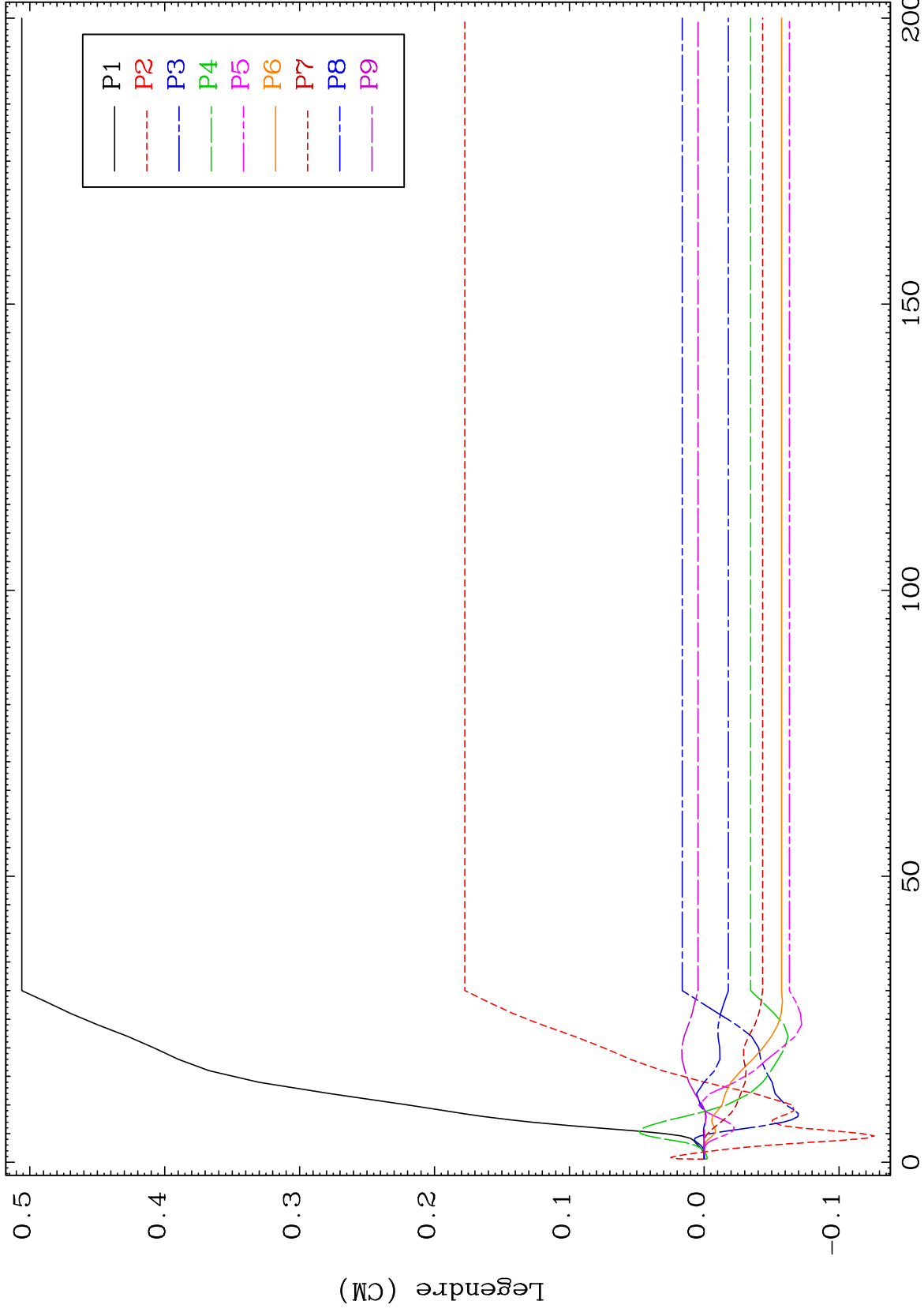
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



37

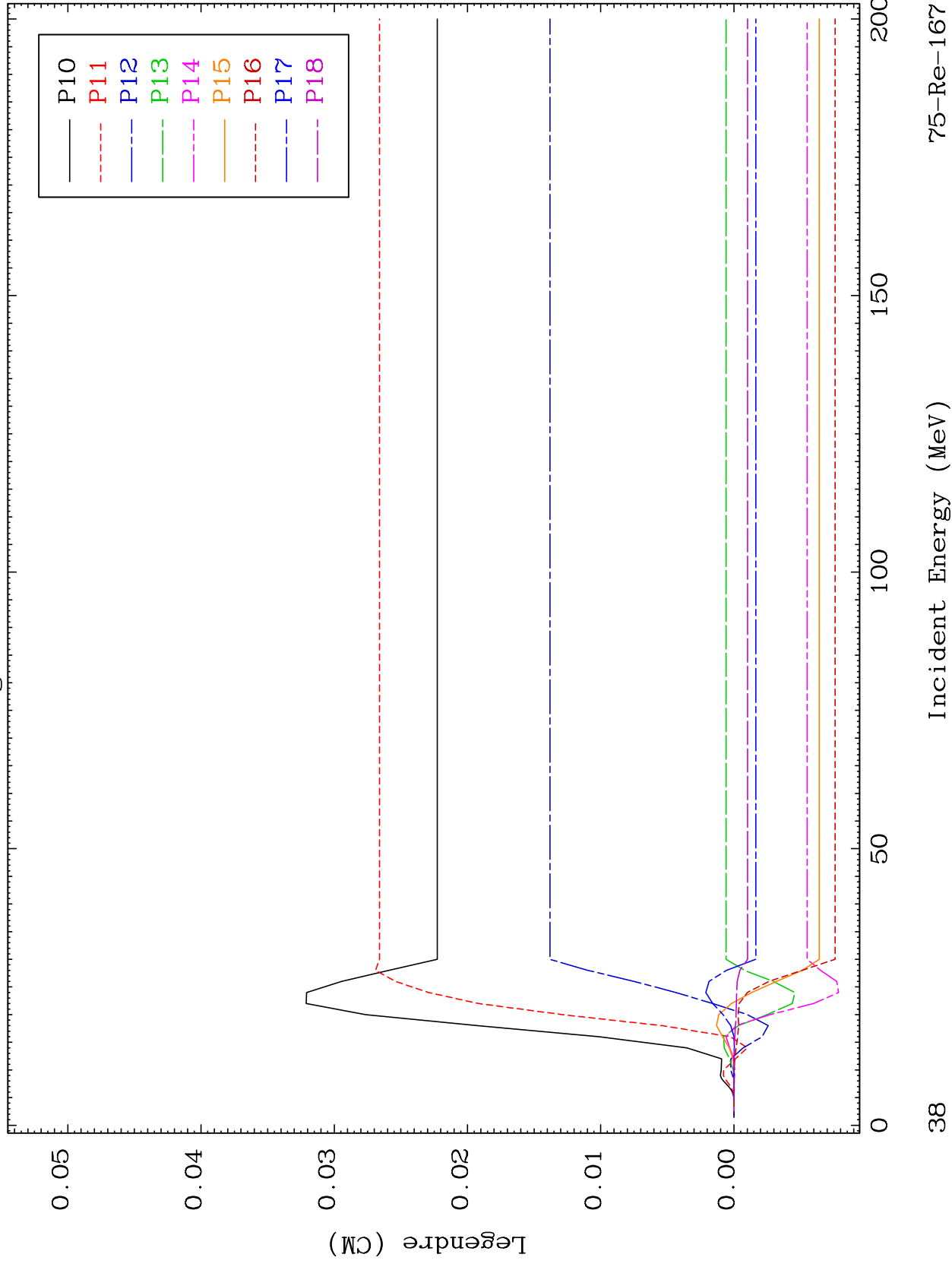
Incident Energy (MeV)

75-Re-167

MAT 7471

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

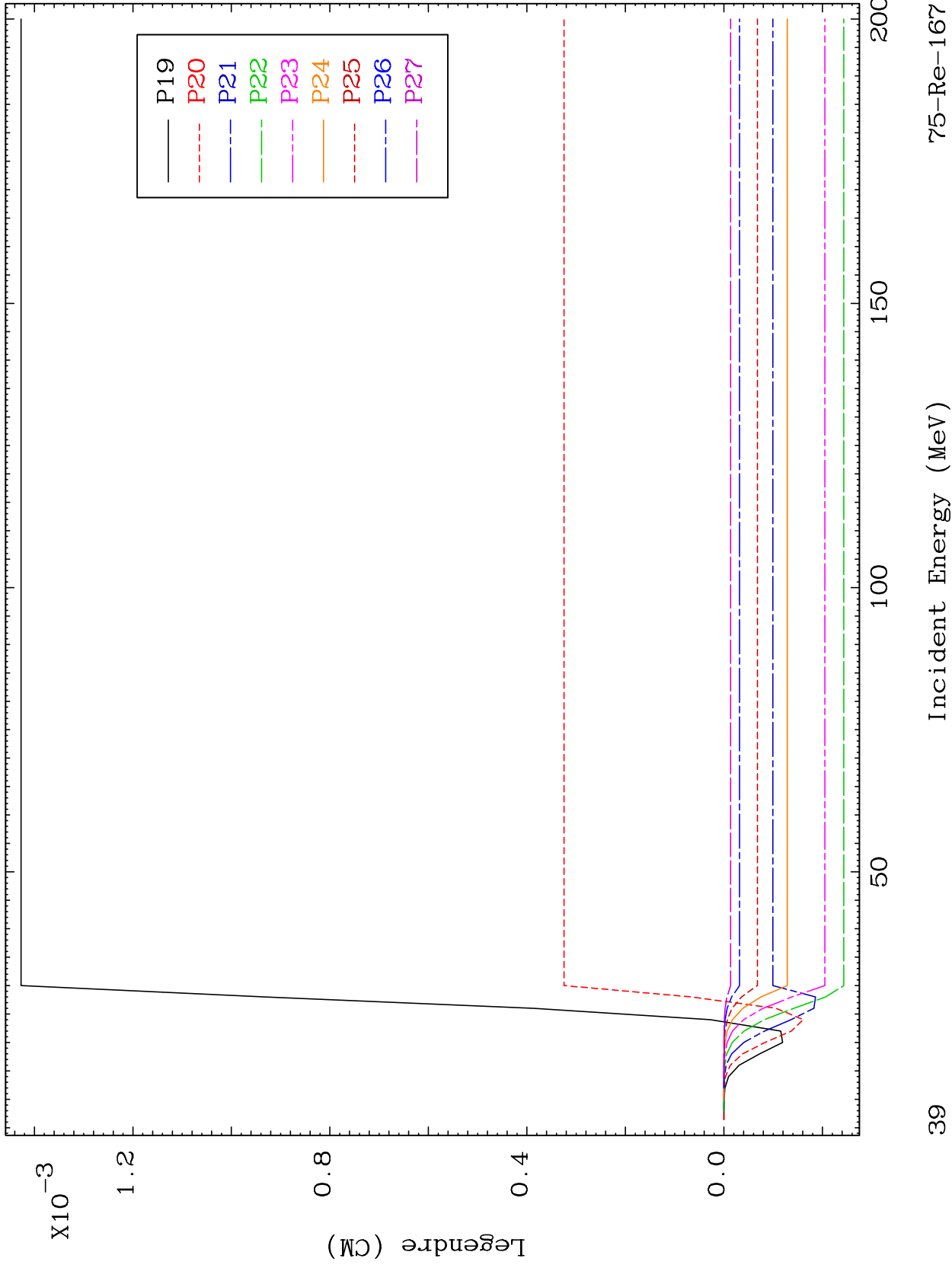
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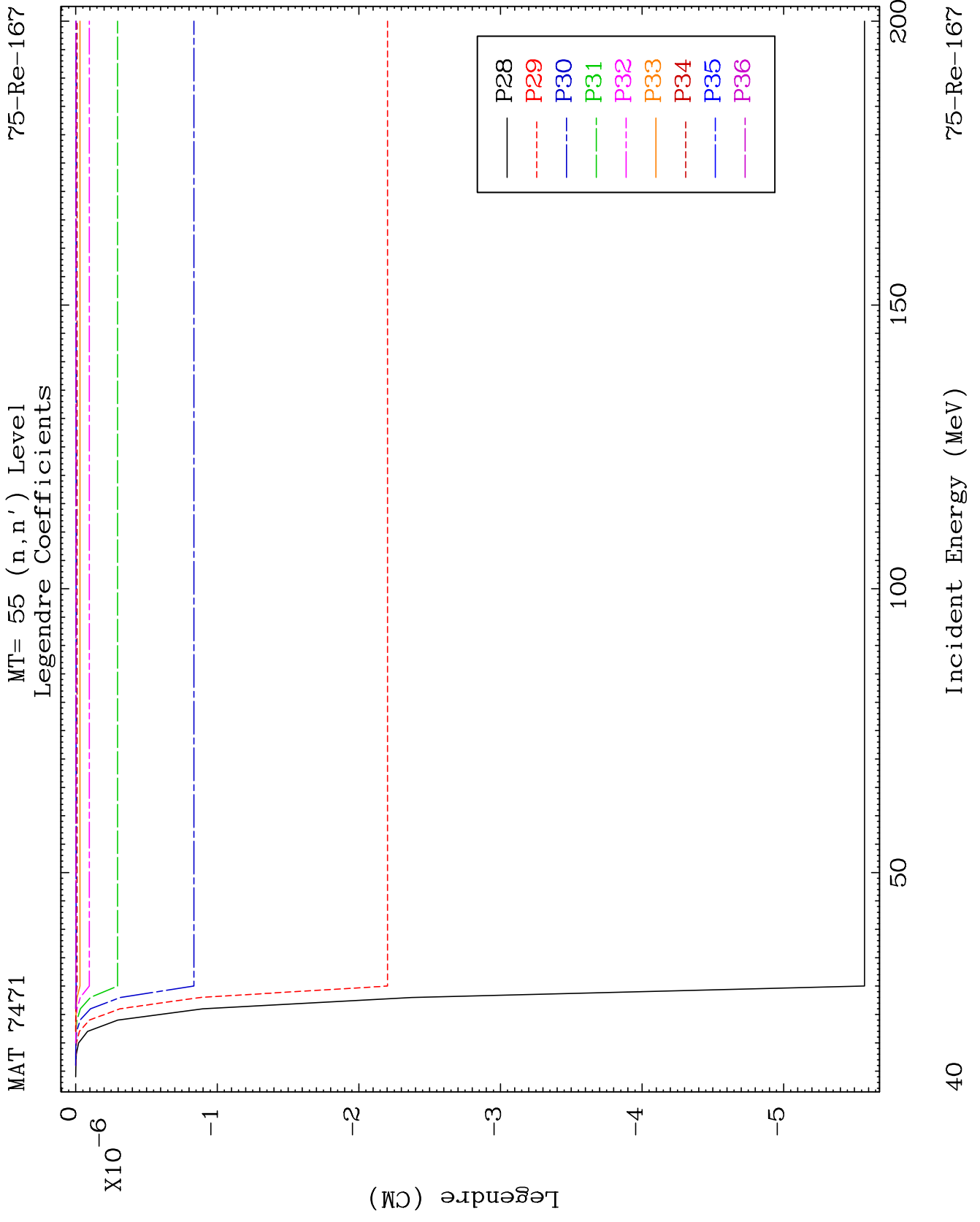


38

Incident Energy (MeV)

75-Re-167



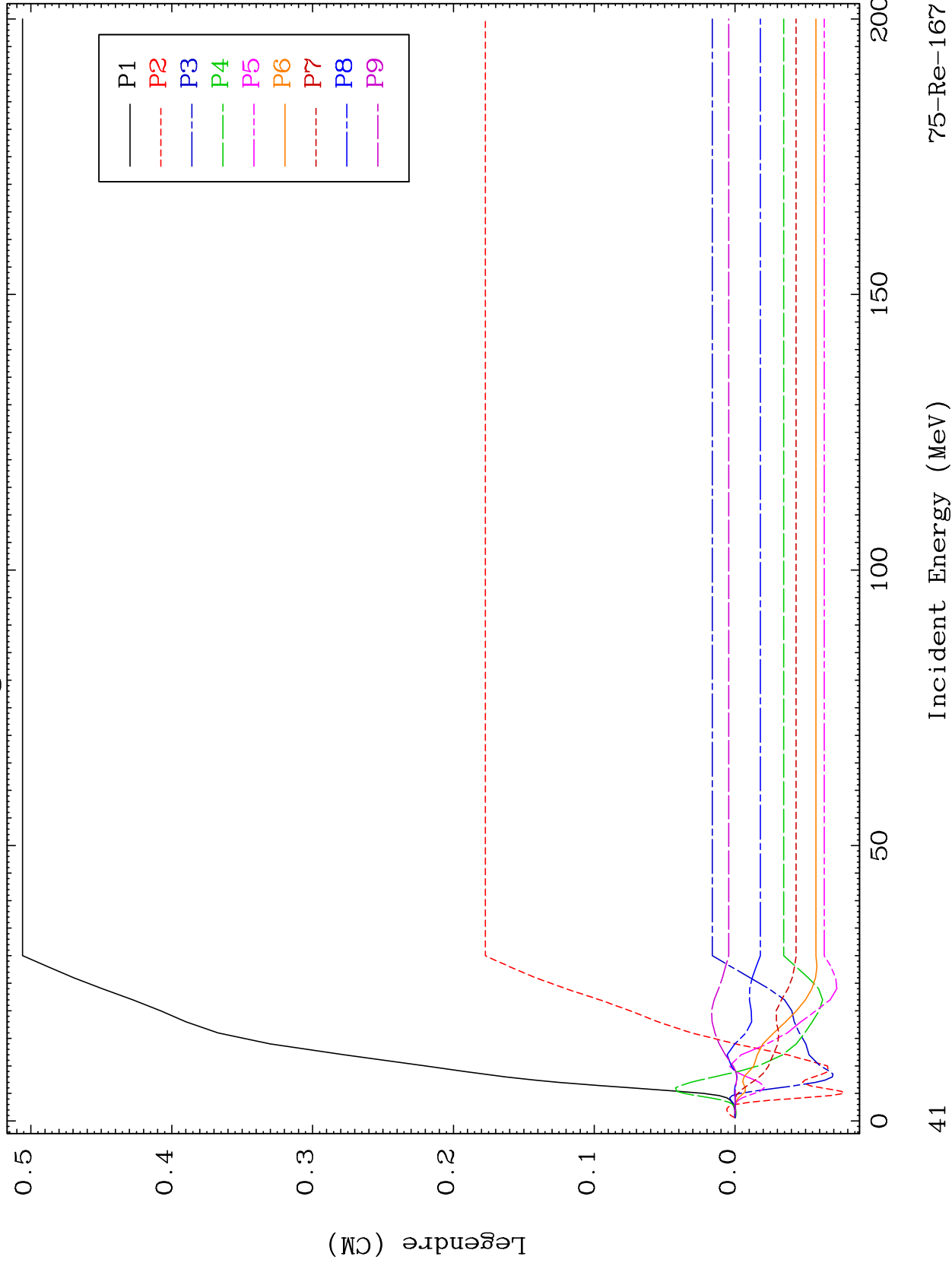


MAT 7471

MT= 56 (n,n') Level

75-Re-167

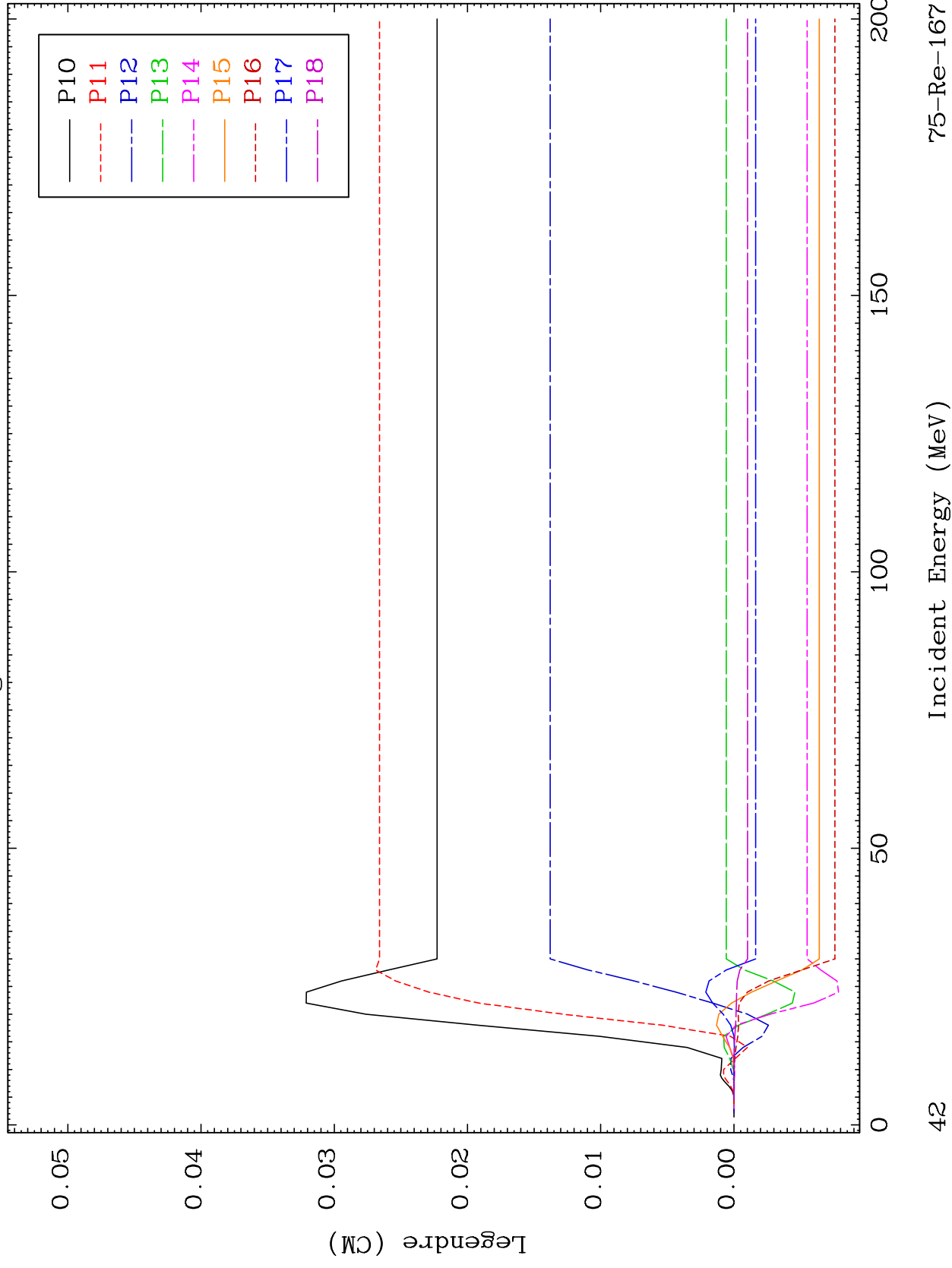
Legendre Coefficients



MAT 7471

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

75-Re-167



42

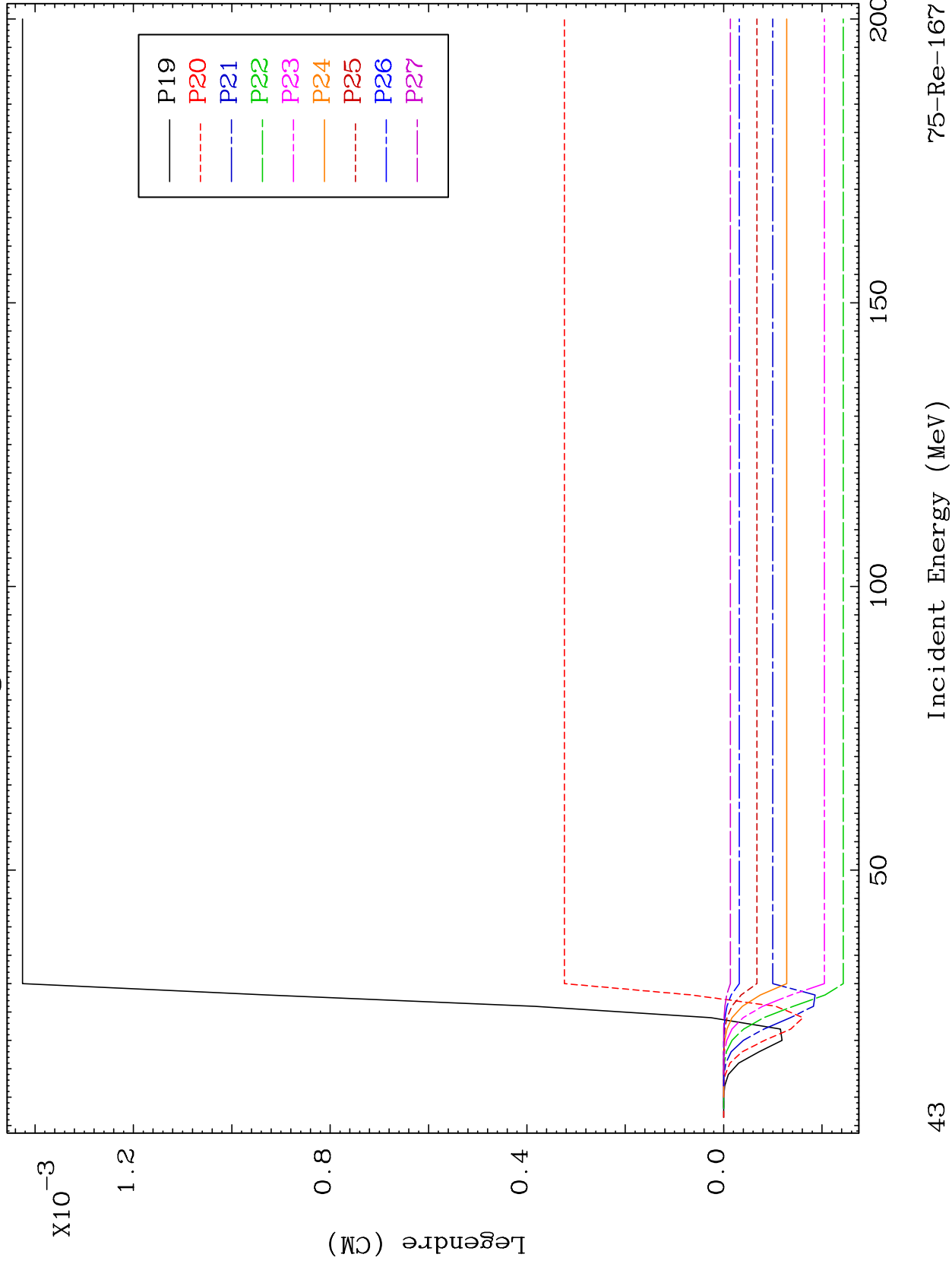
Incident Energy (MeV)

75-Re-167

MAT 7471

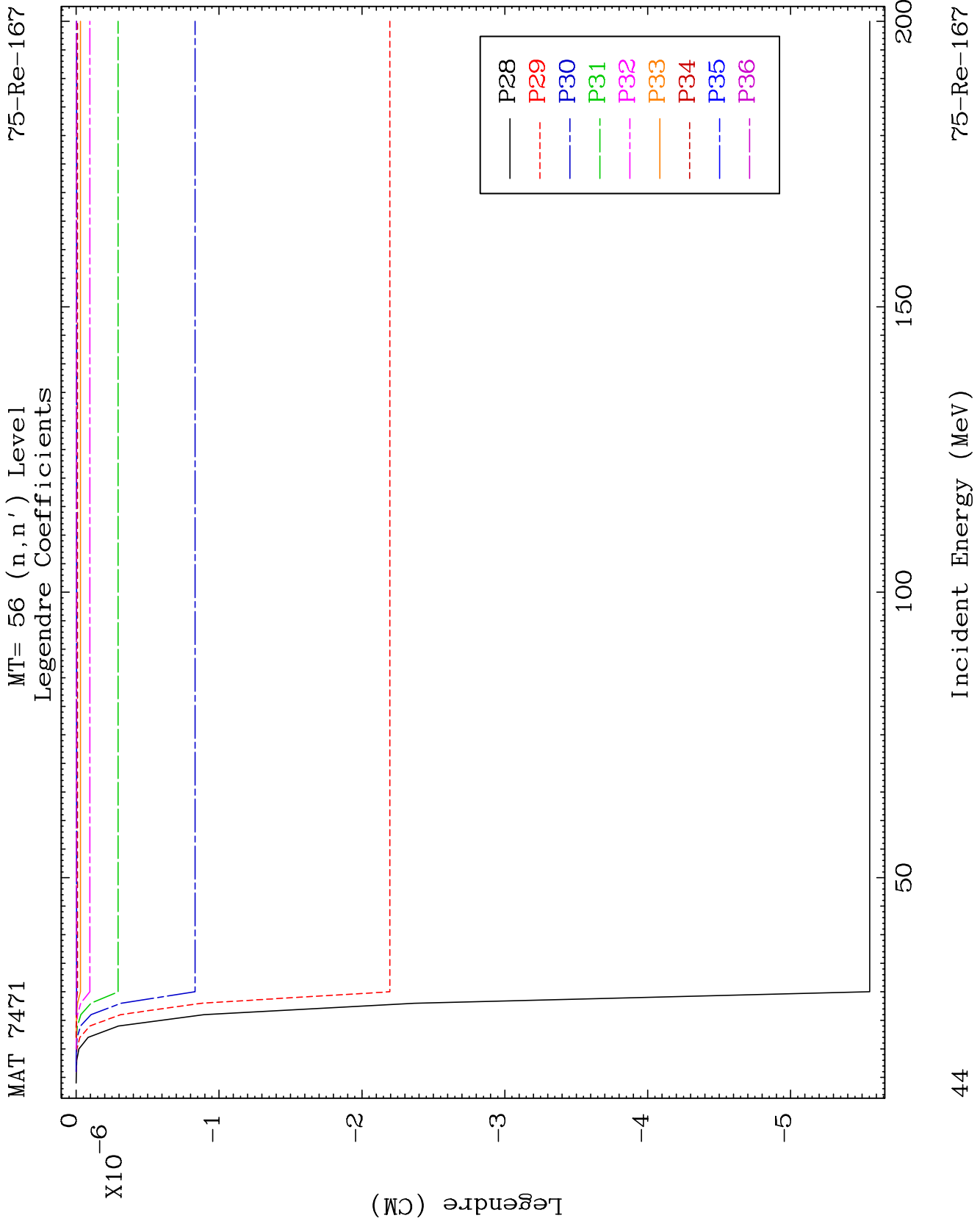
MT= 56 (n,n') Level
Legendre Coefficients

75-Re-167



43

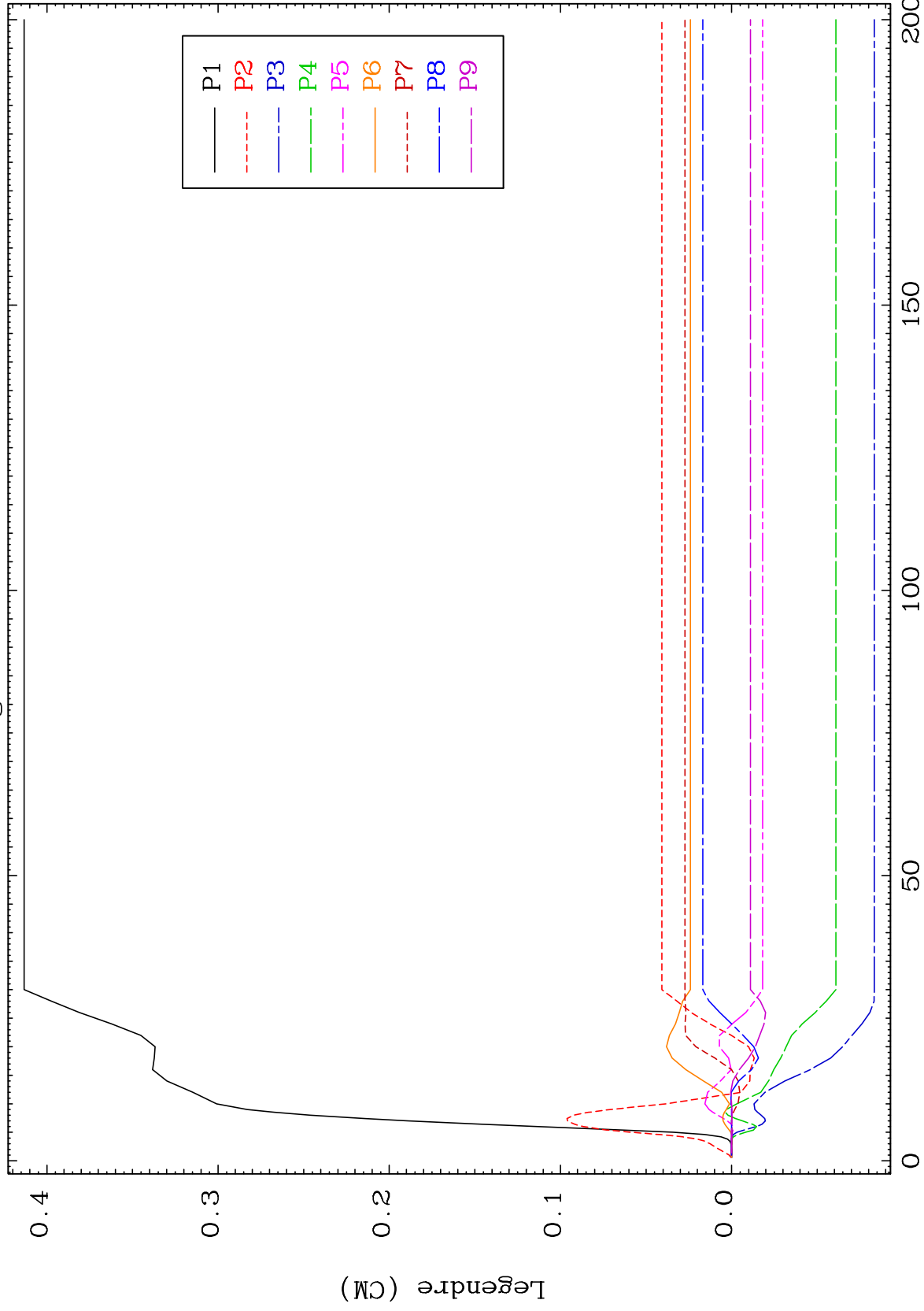
75-Re-167



MAT 7471

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

75-Re-167



75-Re-167

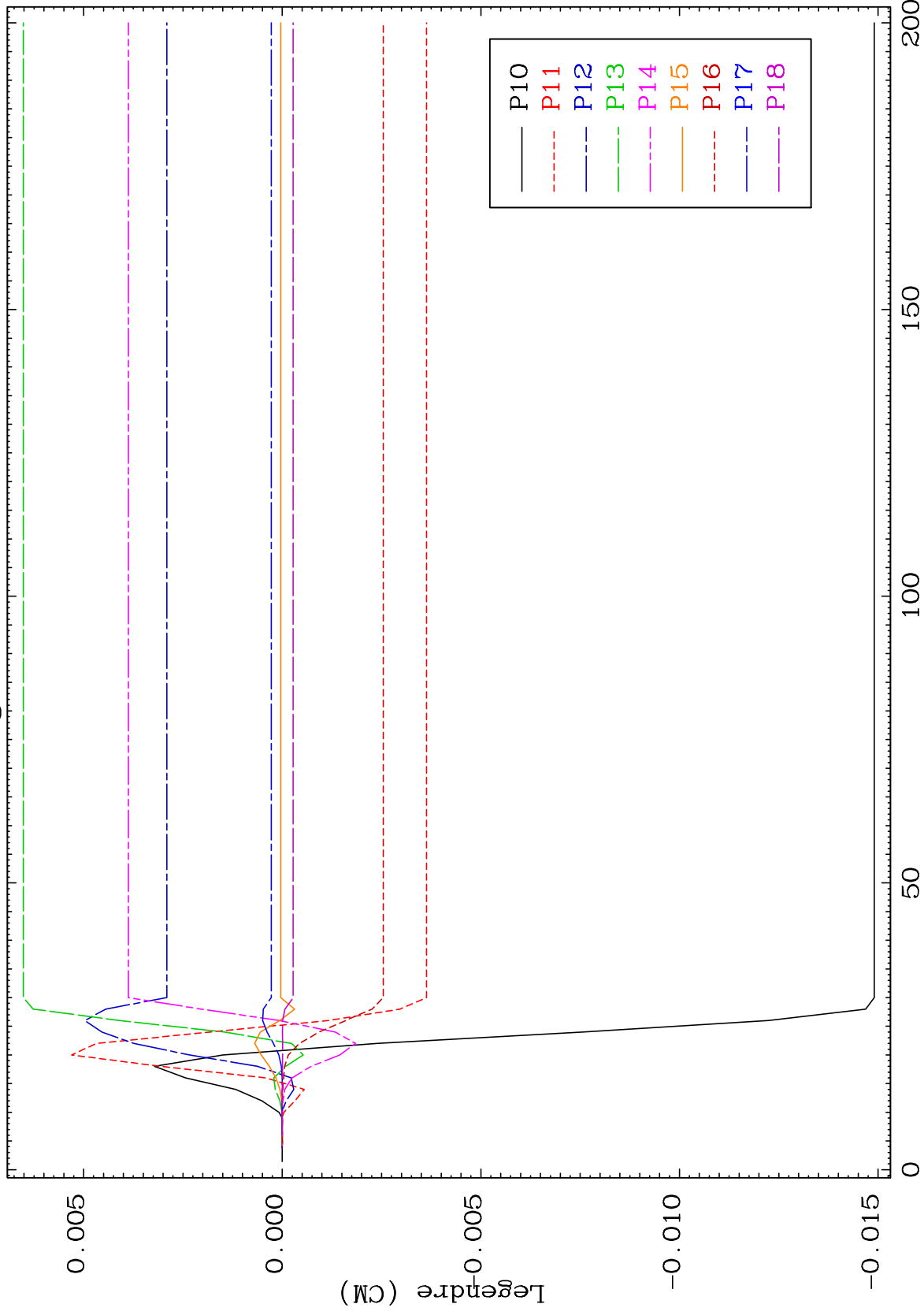
Incident Energy (MeV)

45

MAT 7471

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

75-Re-167



46

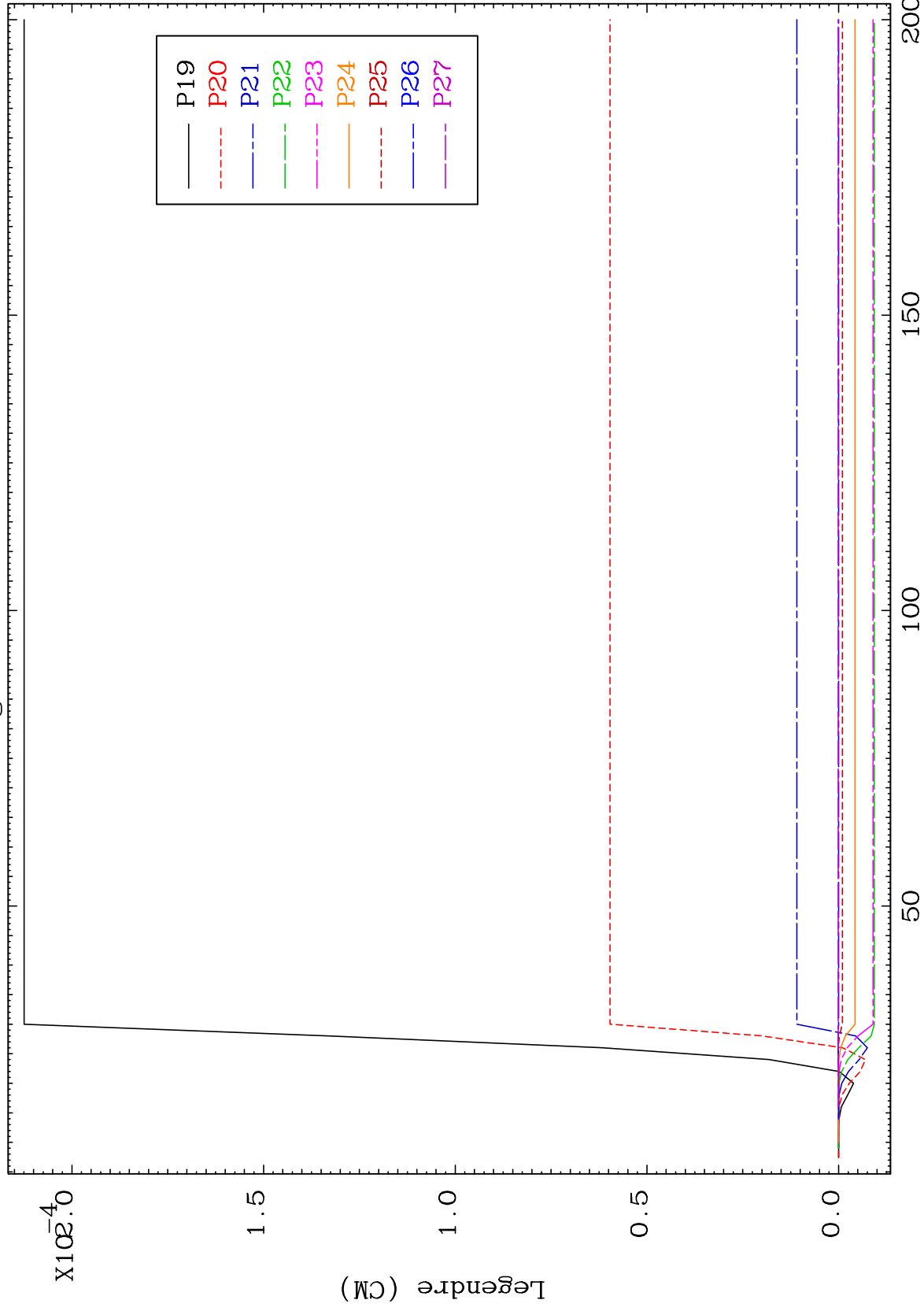
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



47

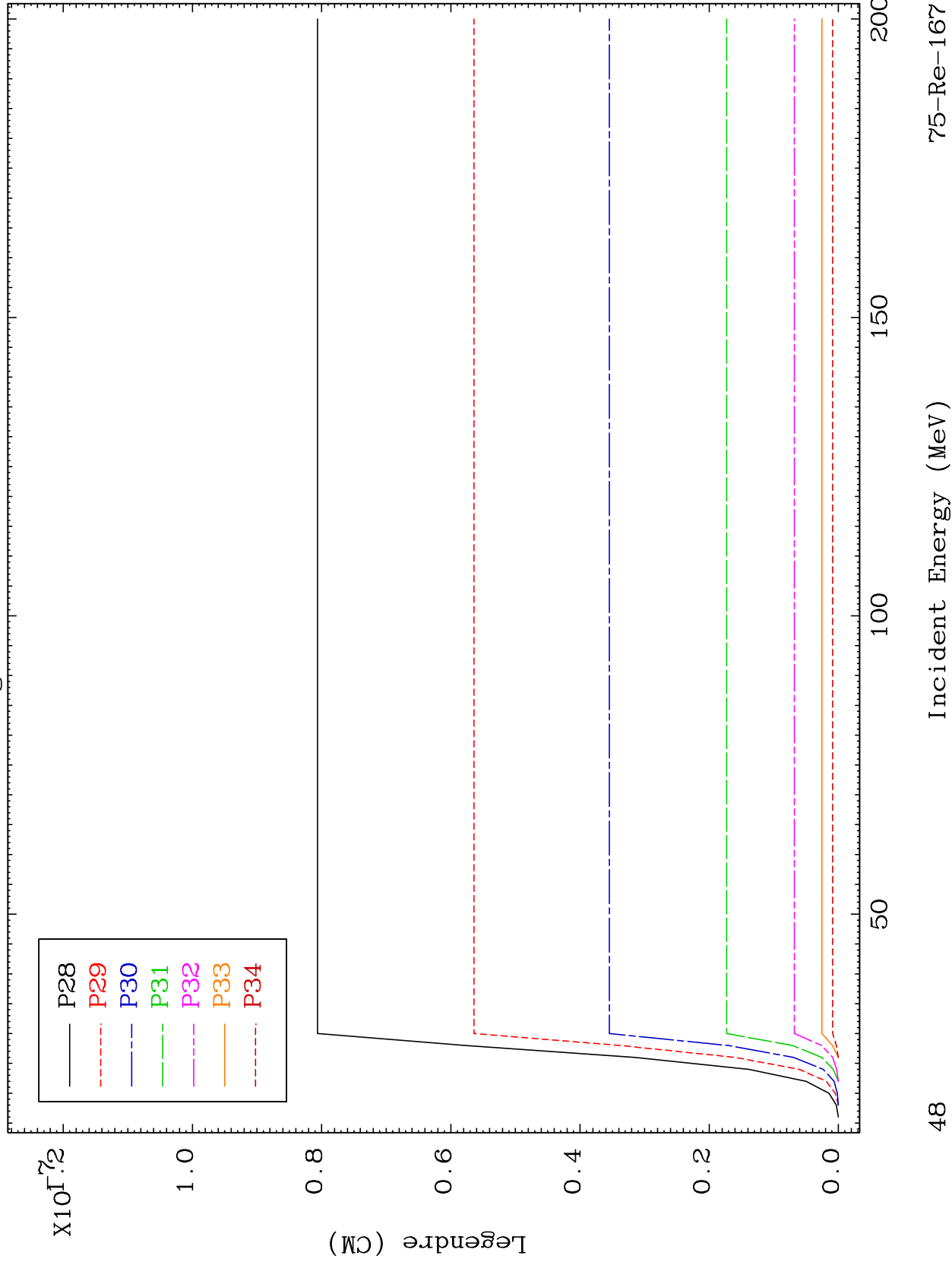
Incident Energy (MeV)

75-Re-167

MAT 7471

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

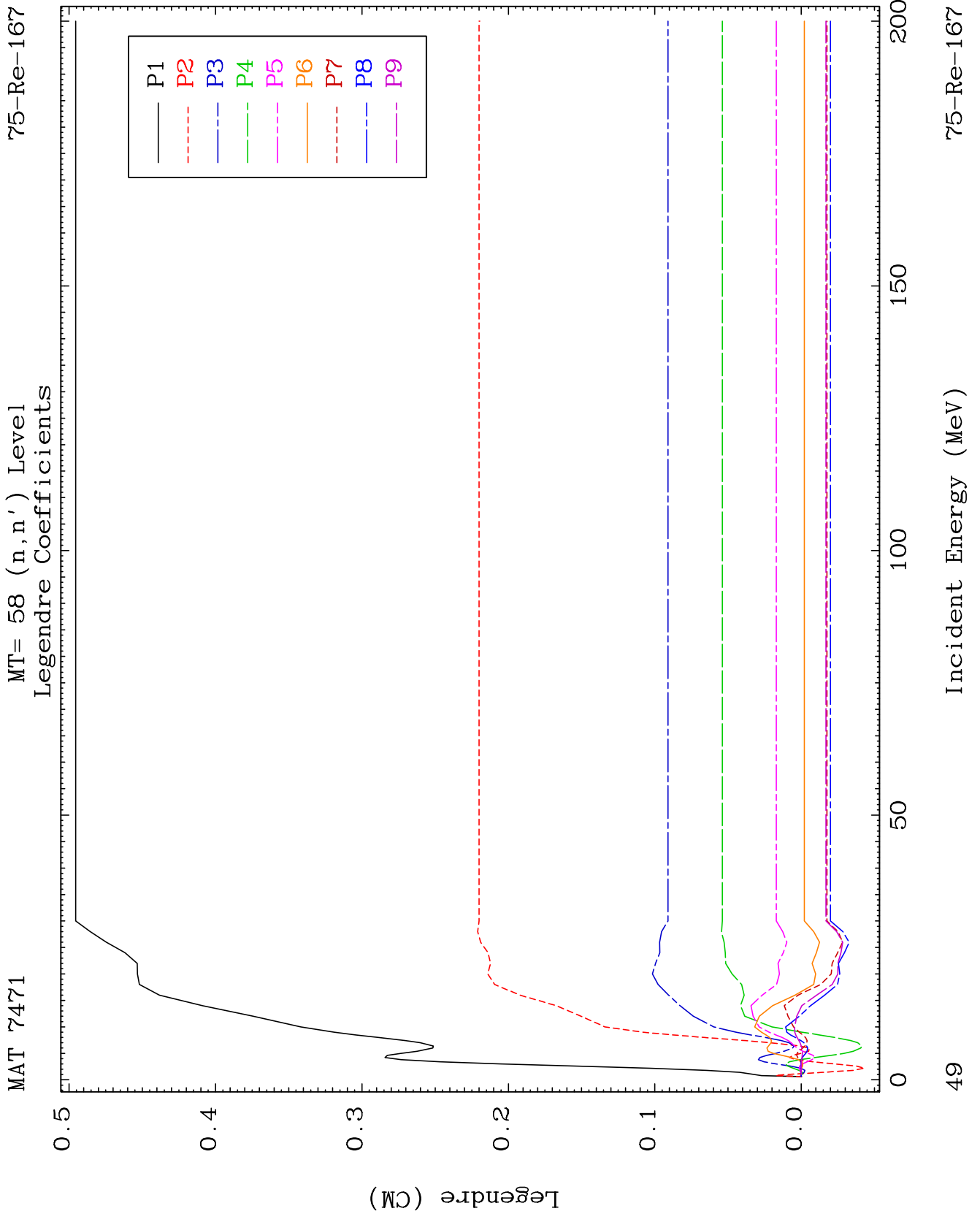
75-Re-167



48

Incident Energy (MeV)

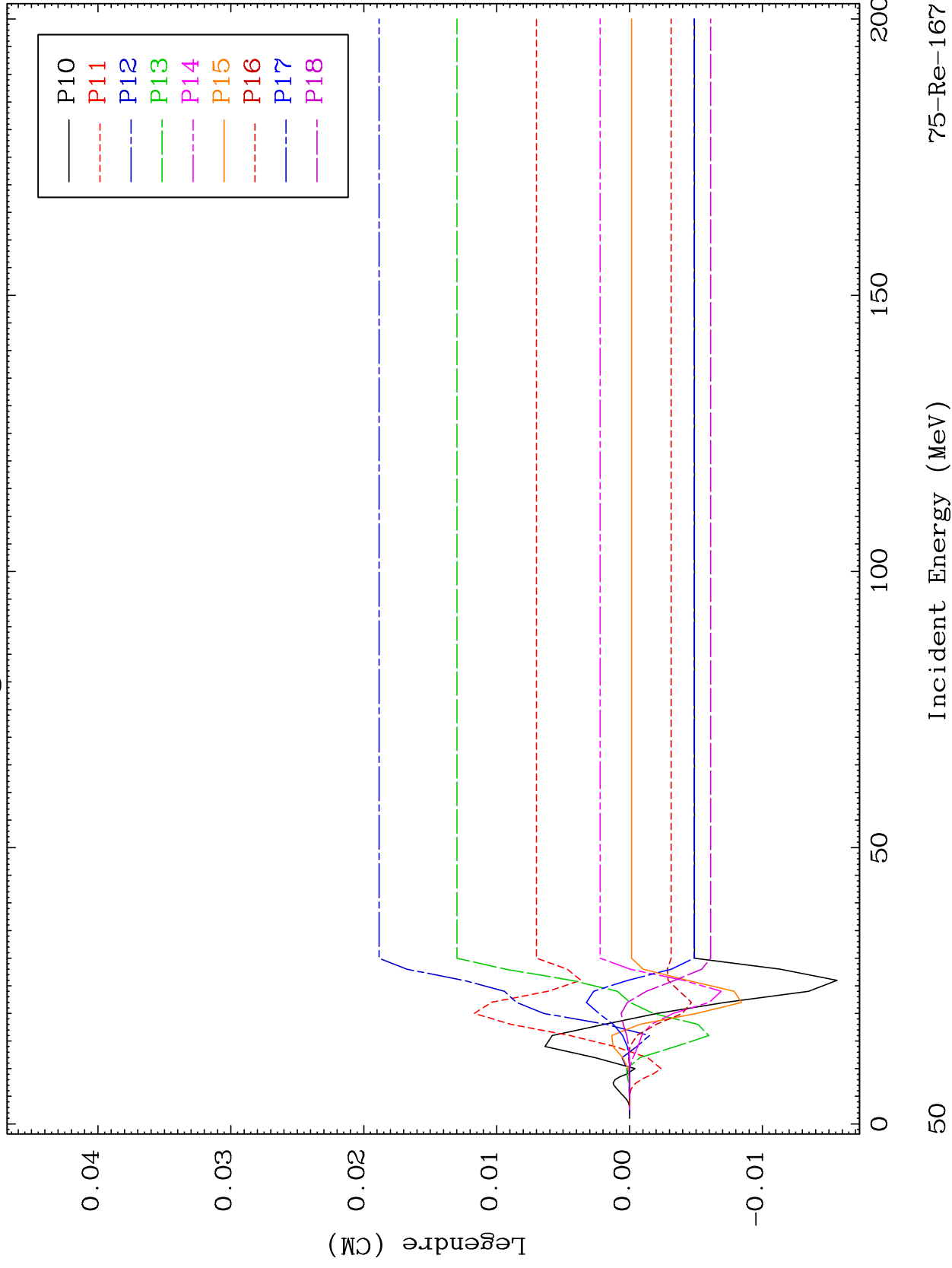
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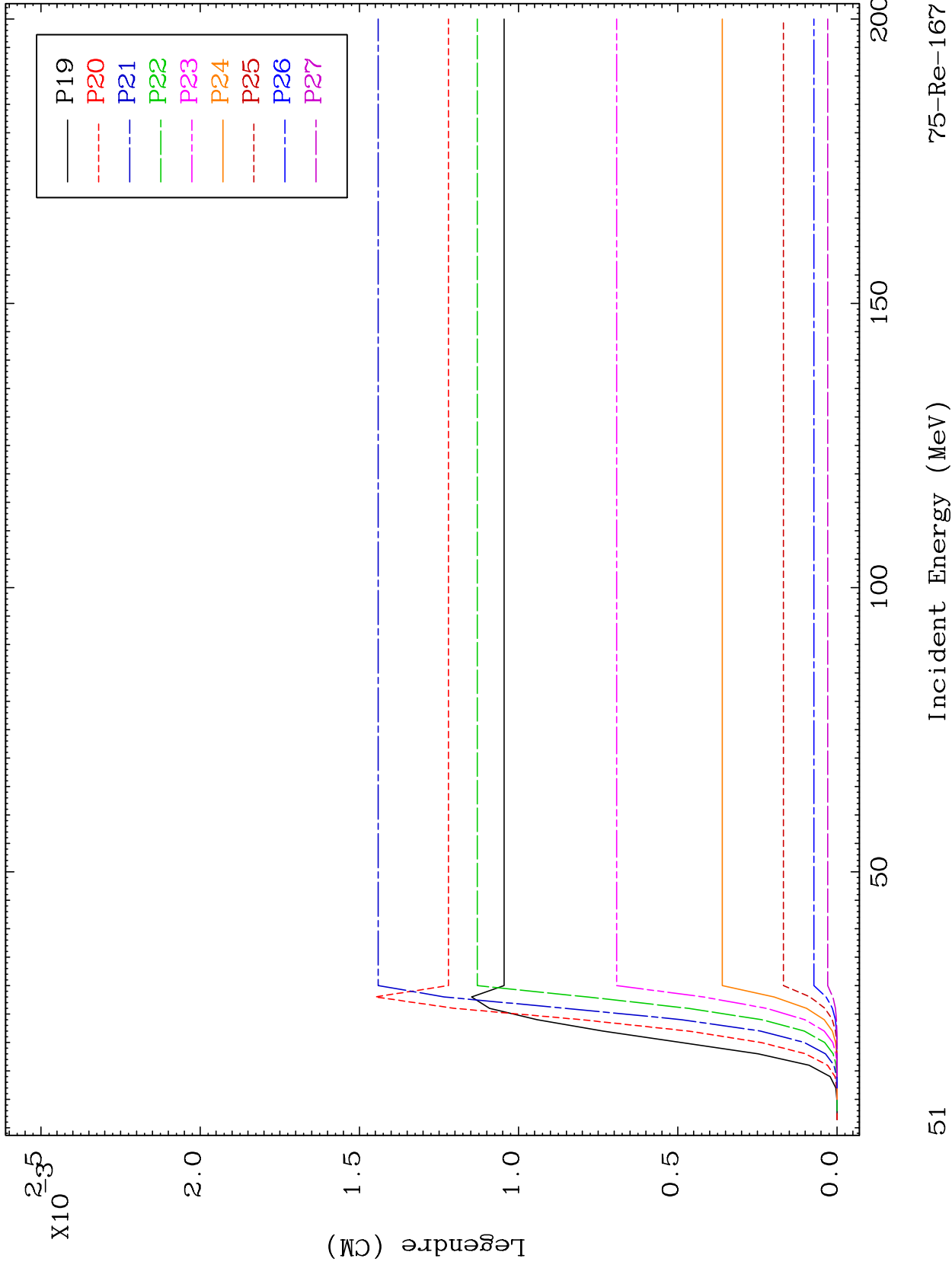


MAT 7471

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

75-Re-167

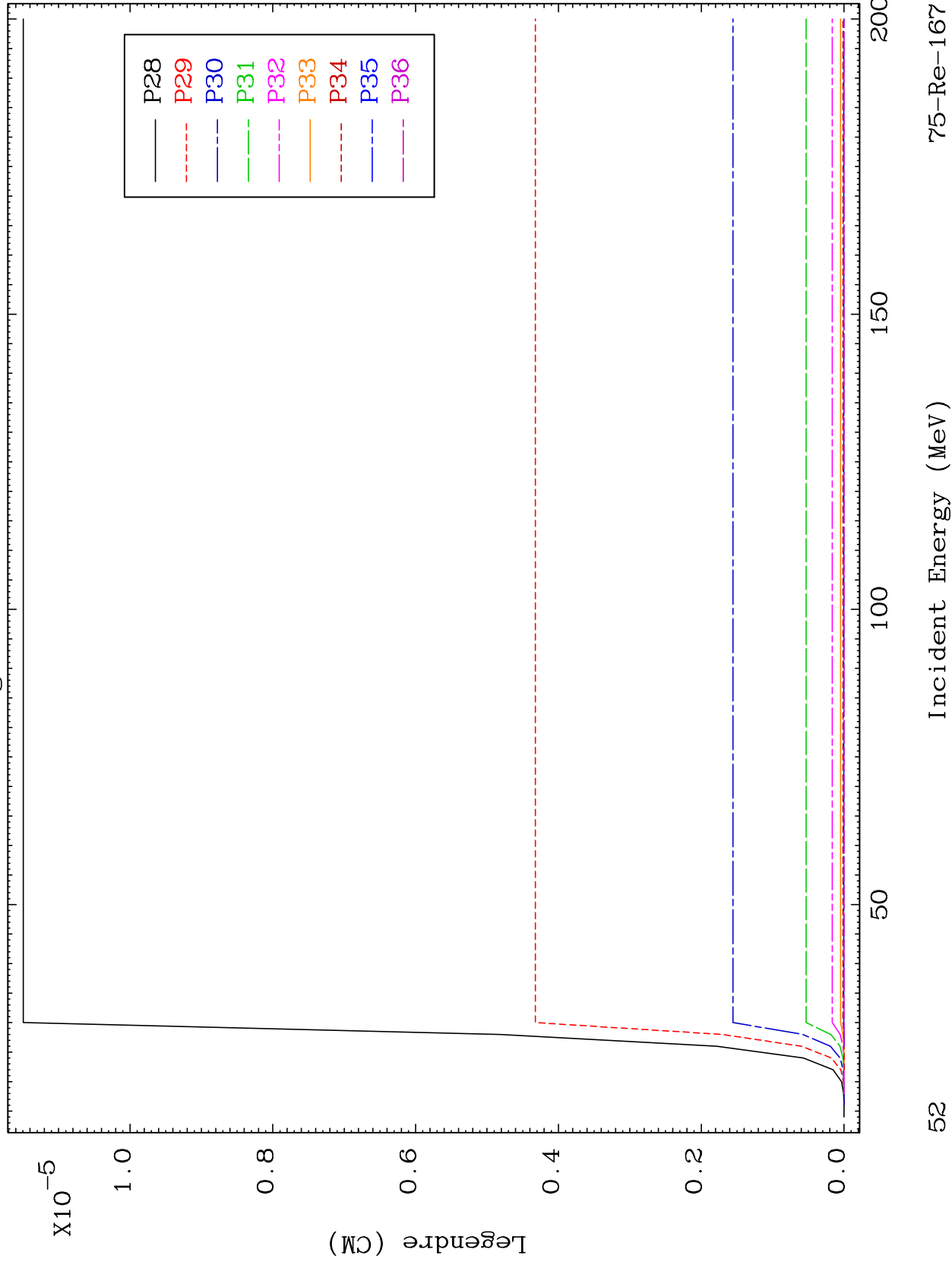




MAT 7471

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

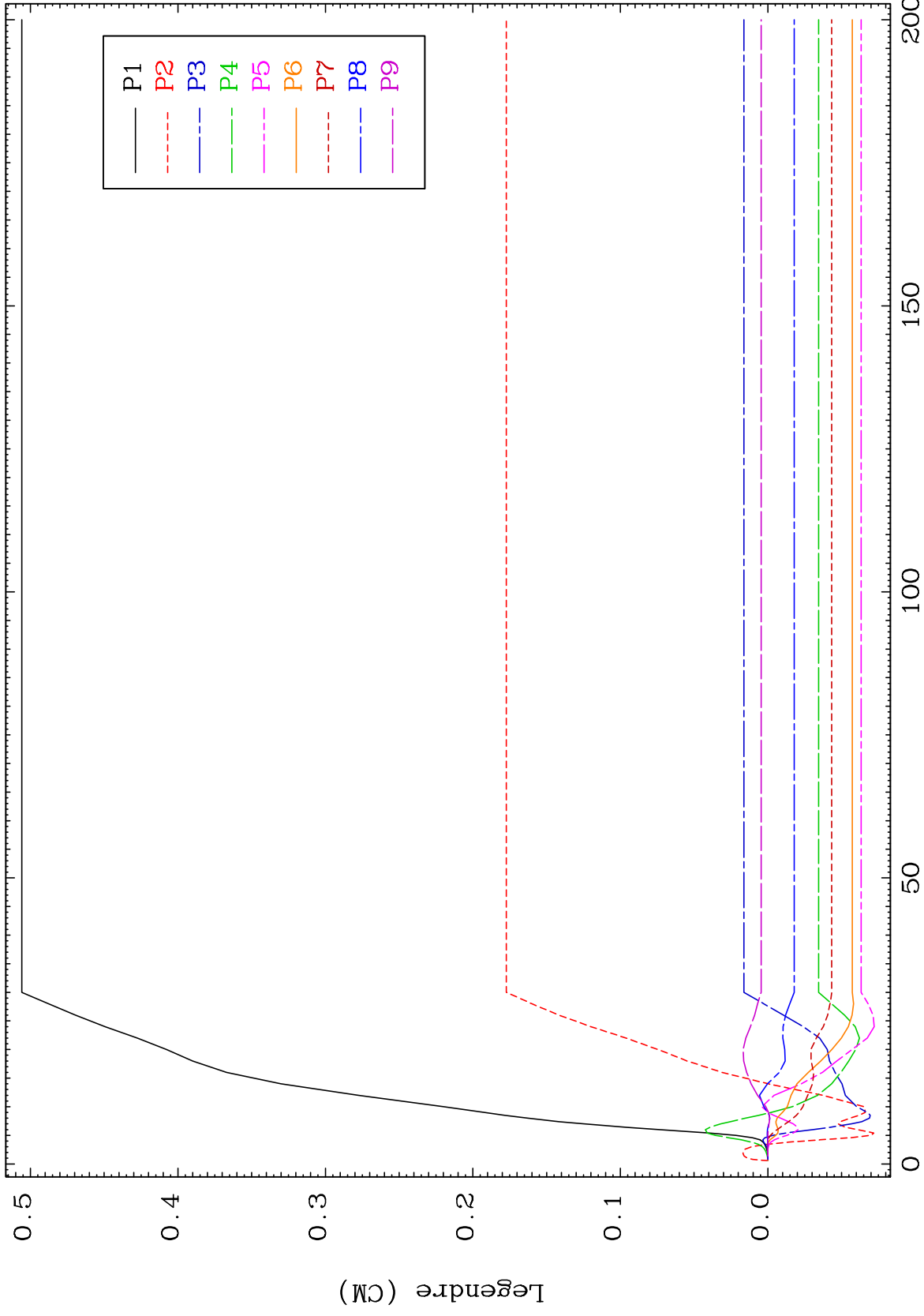
75-Re-167



MAT 7471

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

75-Re-167



75-Re-167

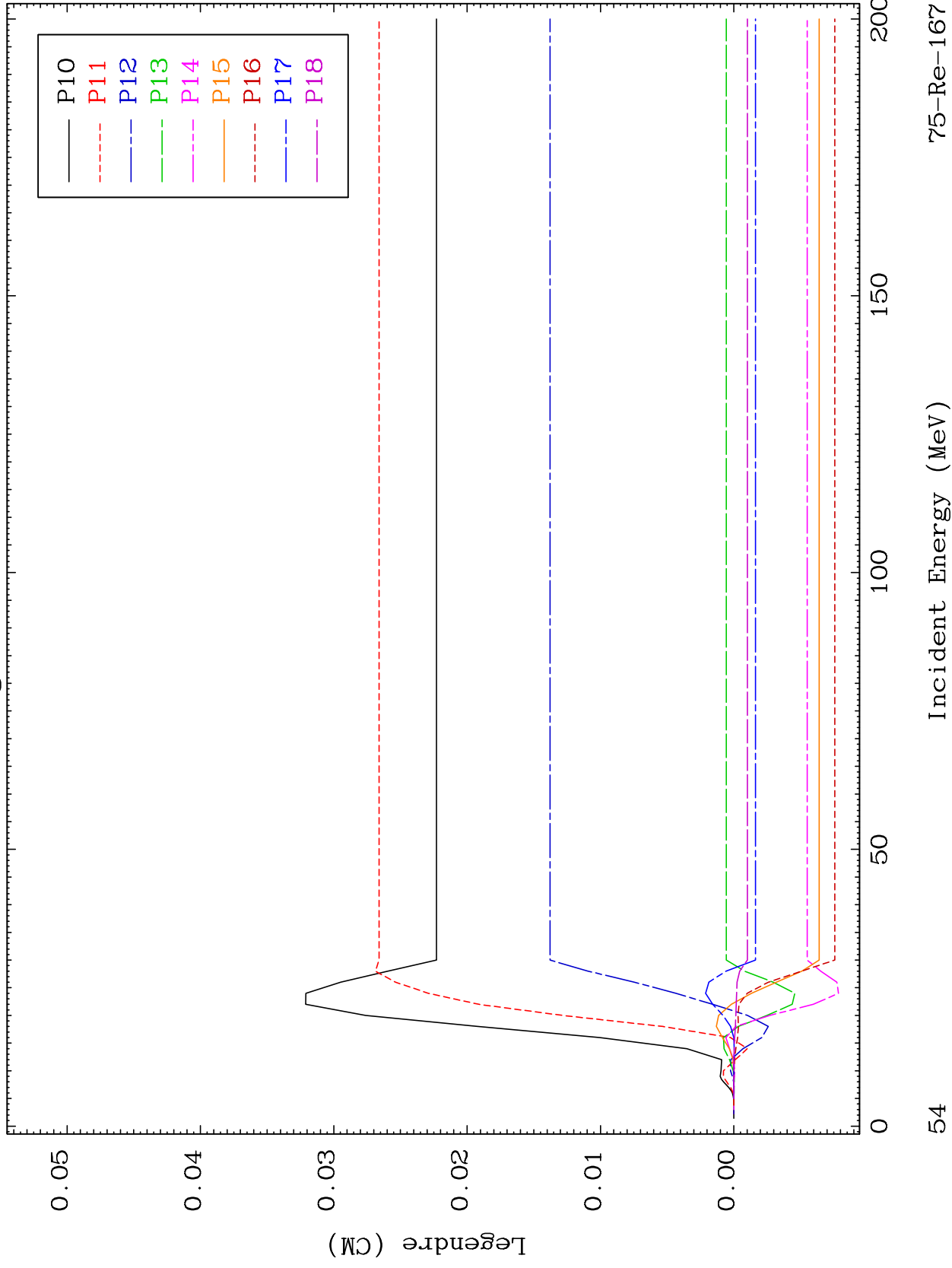
Incident Energy (MeV)

53

MAT 7471

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

75-Re-167



75-Re-167

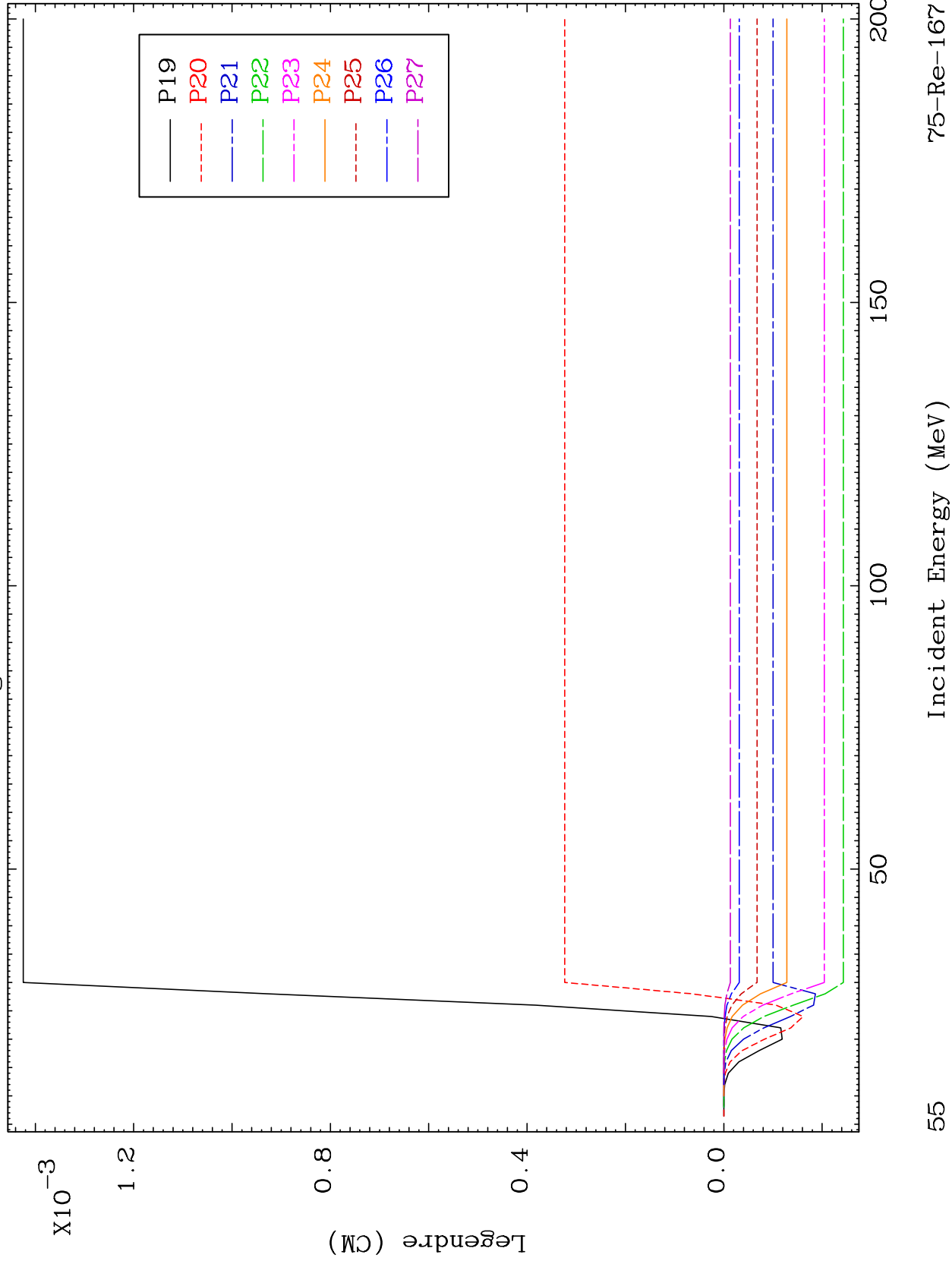
Incident Energy (MeV)

54

MAT 7471

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

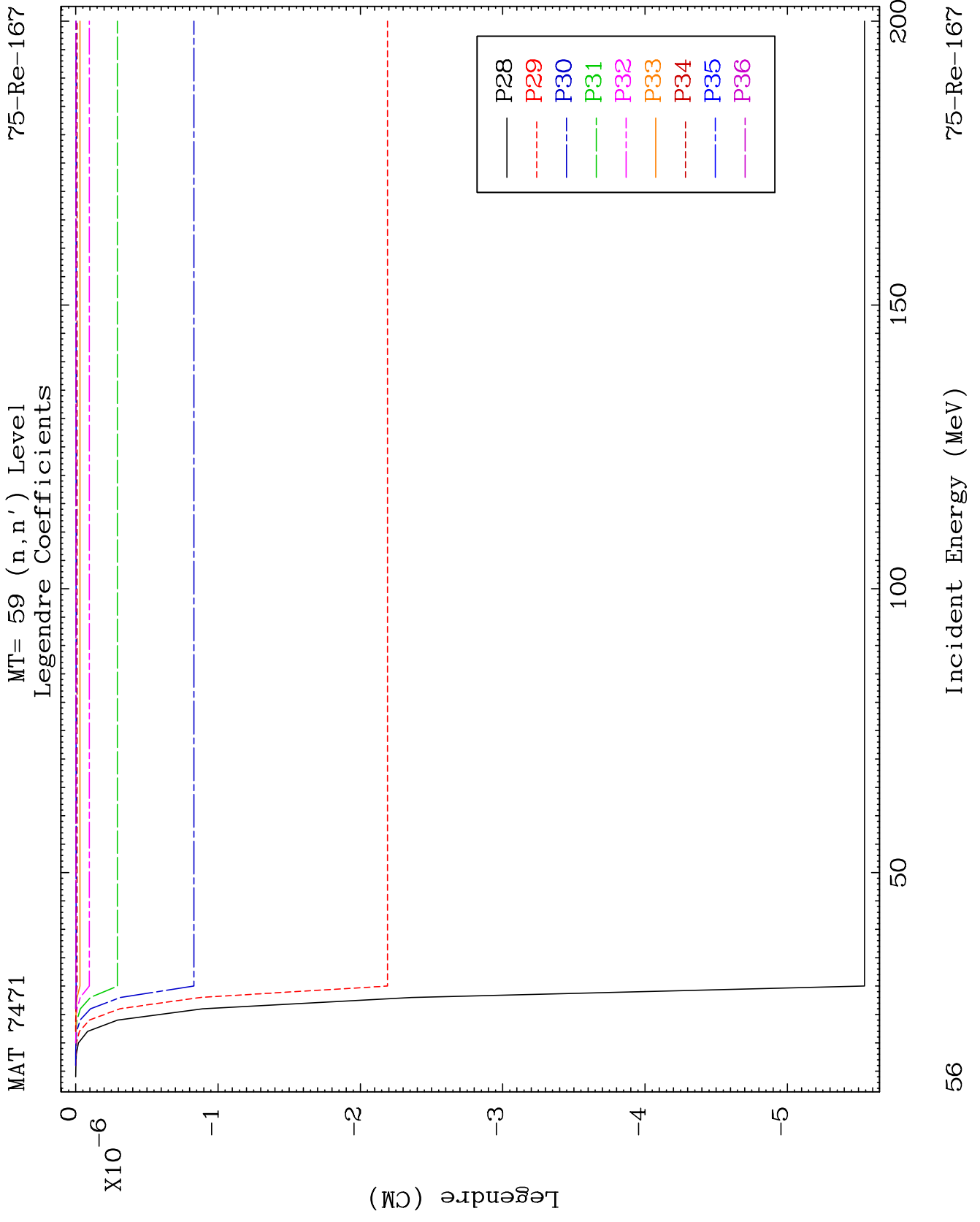
75-Re-167



55

Incident Energy (MeV)

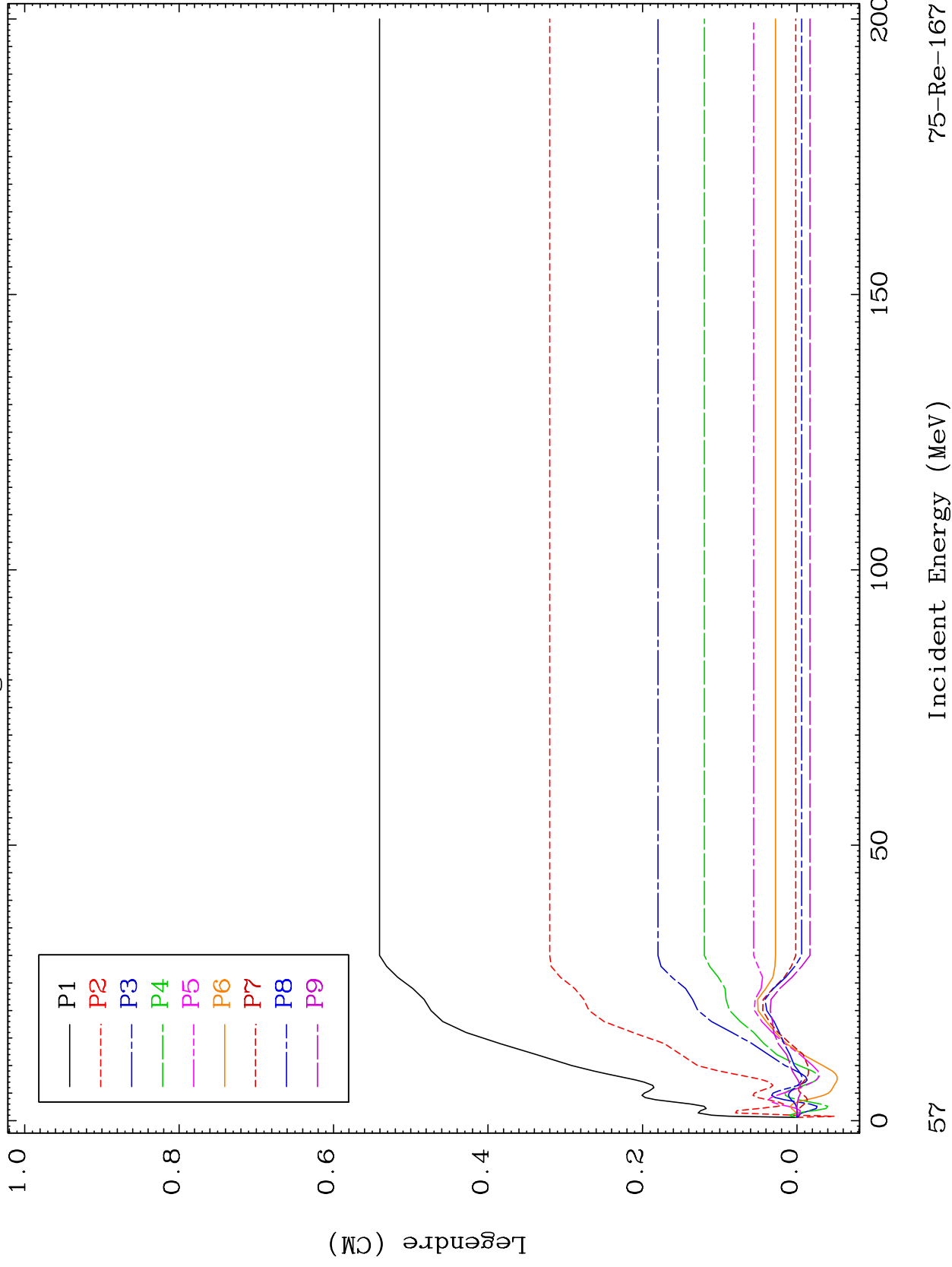
75-Re-167



MAT 7471

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

75-Re-167



57

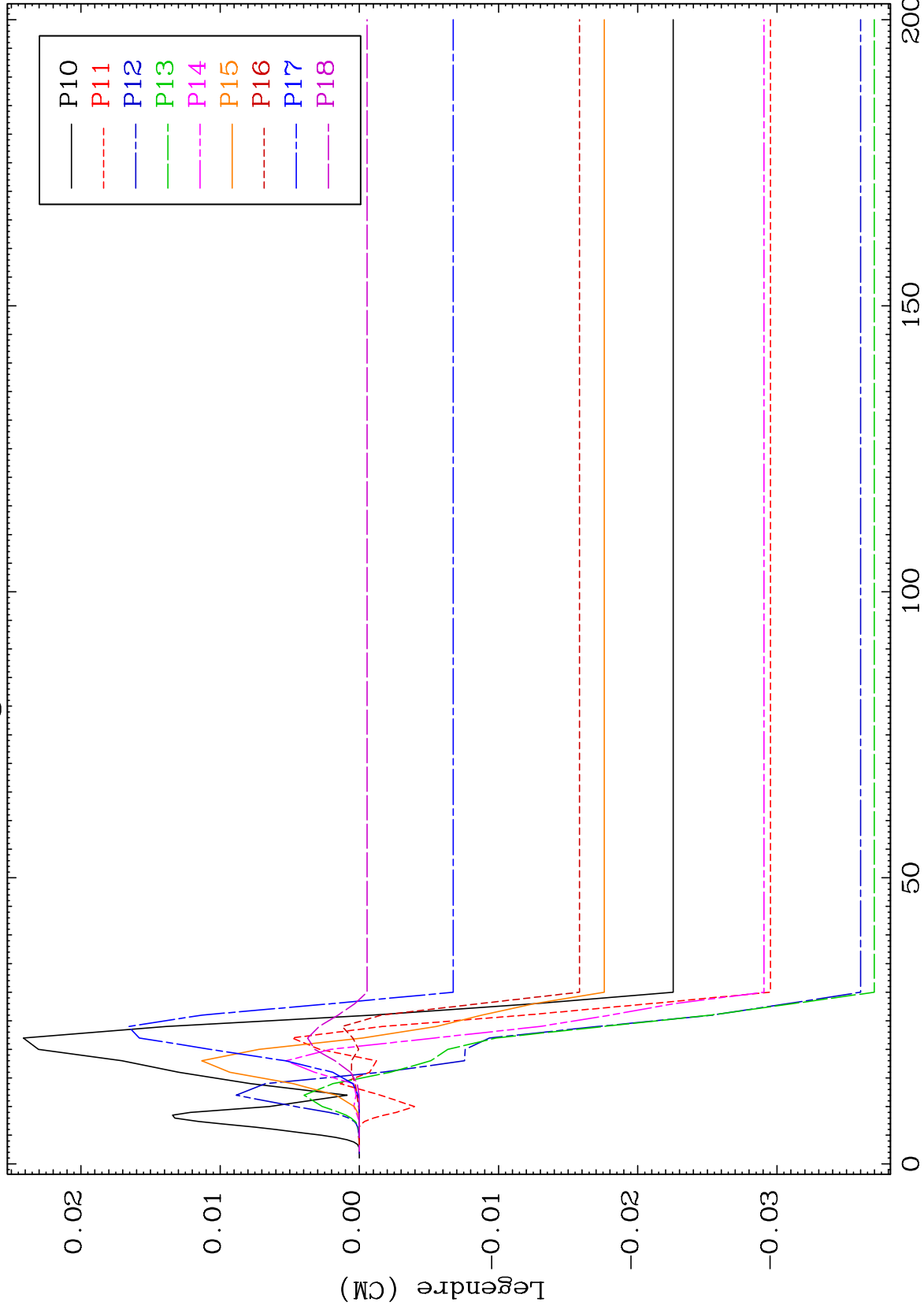
Incident Energy (MeV)

75-Re-167

MAT 7471

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

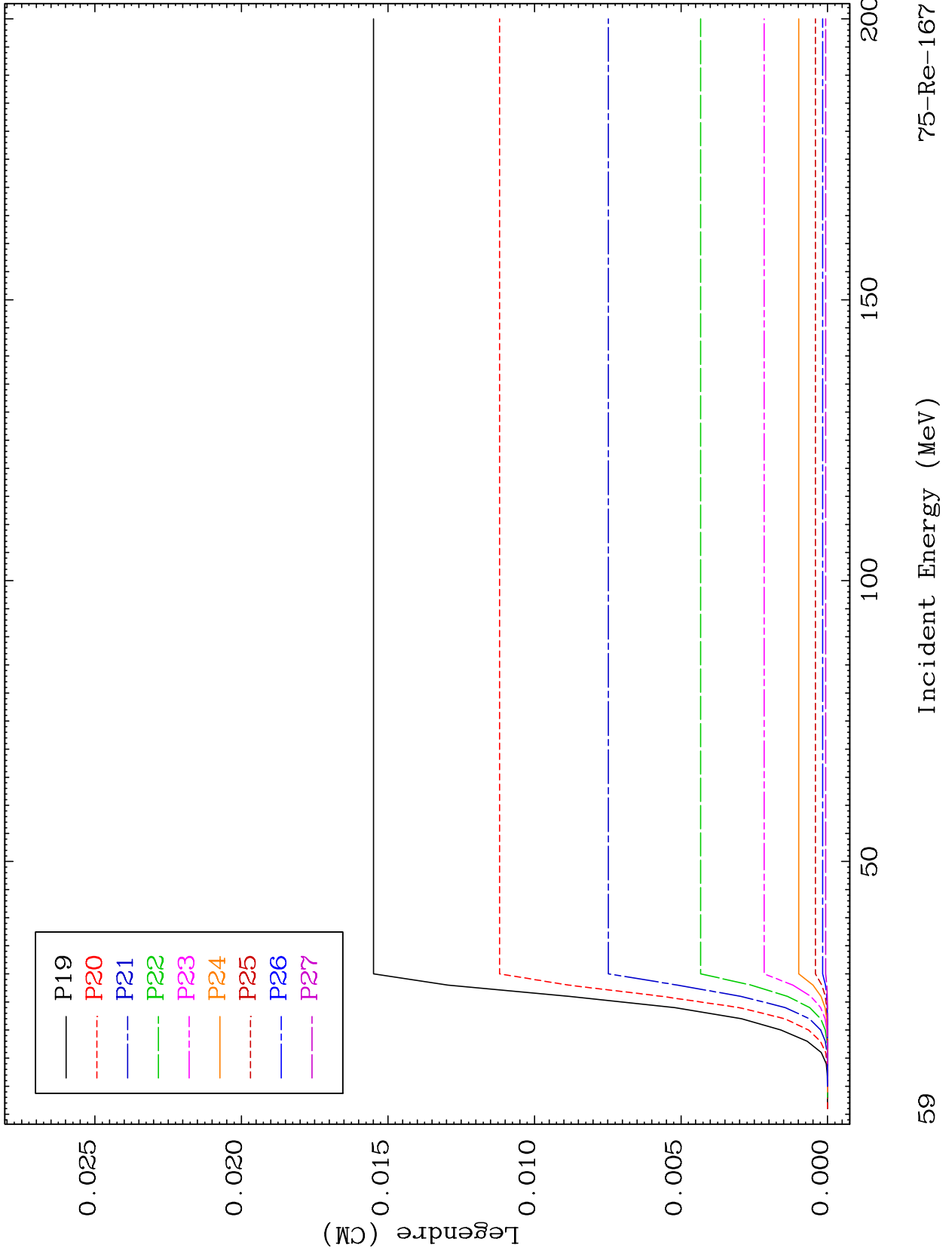
75-Re-167



58

Incident Energy (MeV)

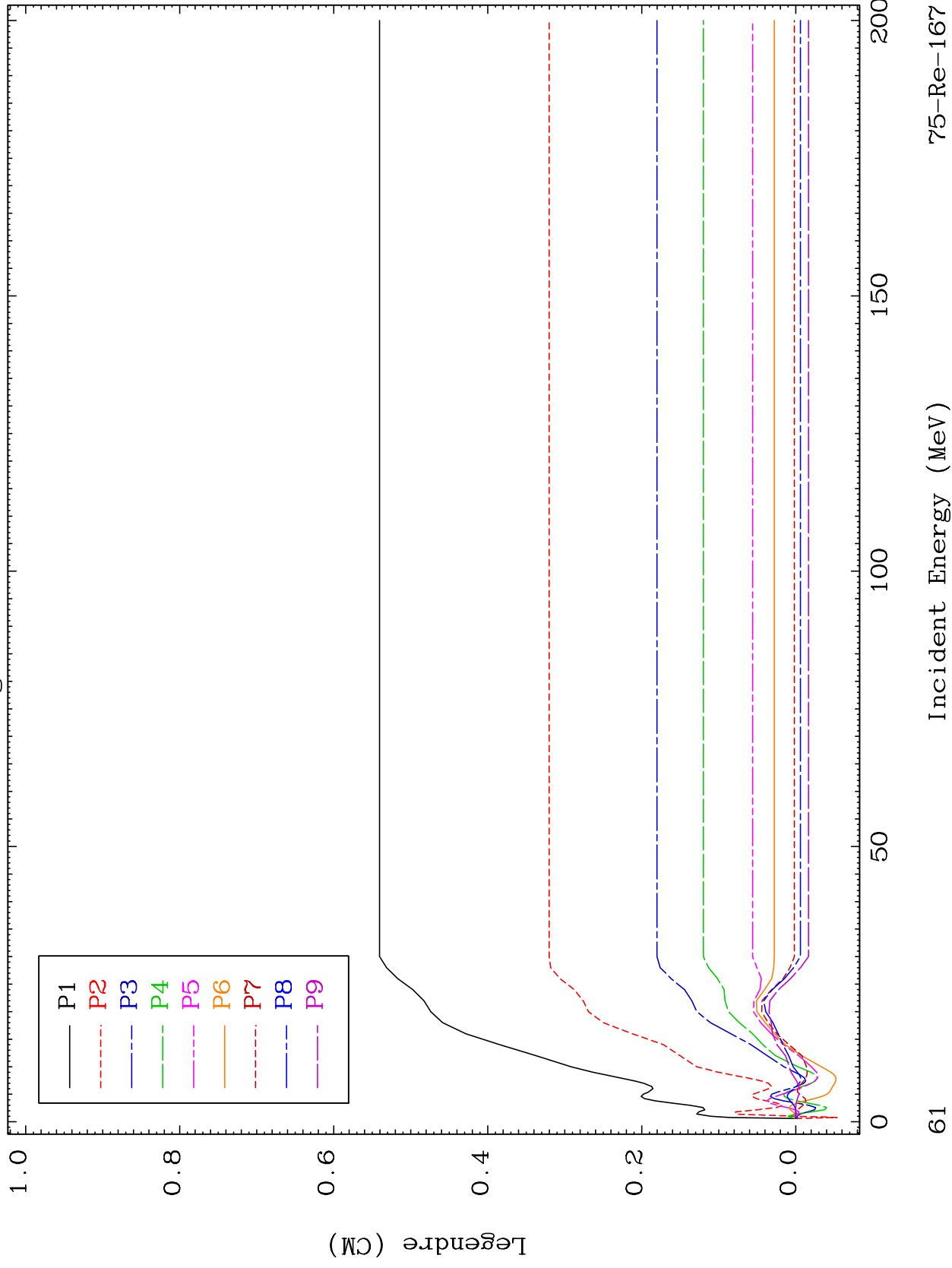
75-Re-167



MAT 7471

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

75-Re-167



75-Re-167

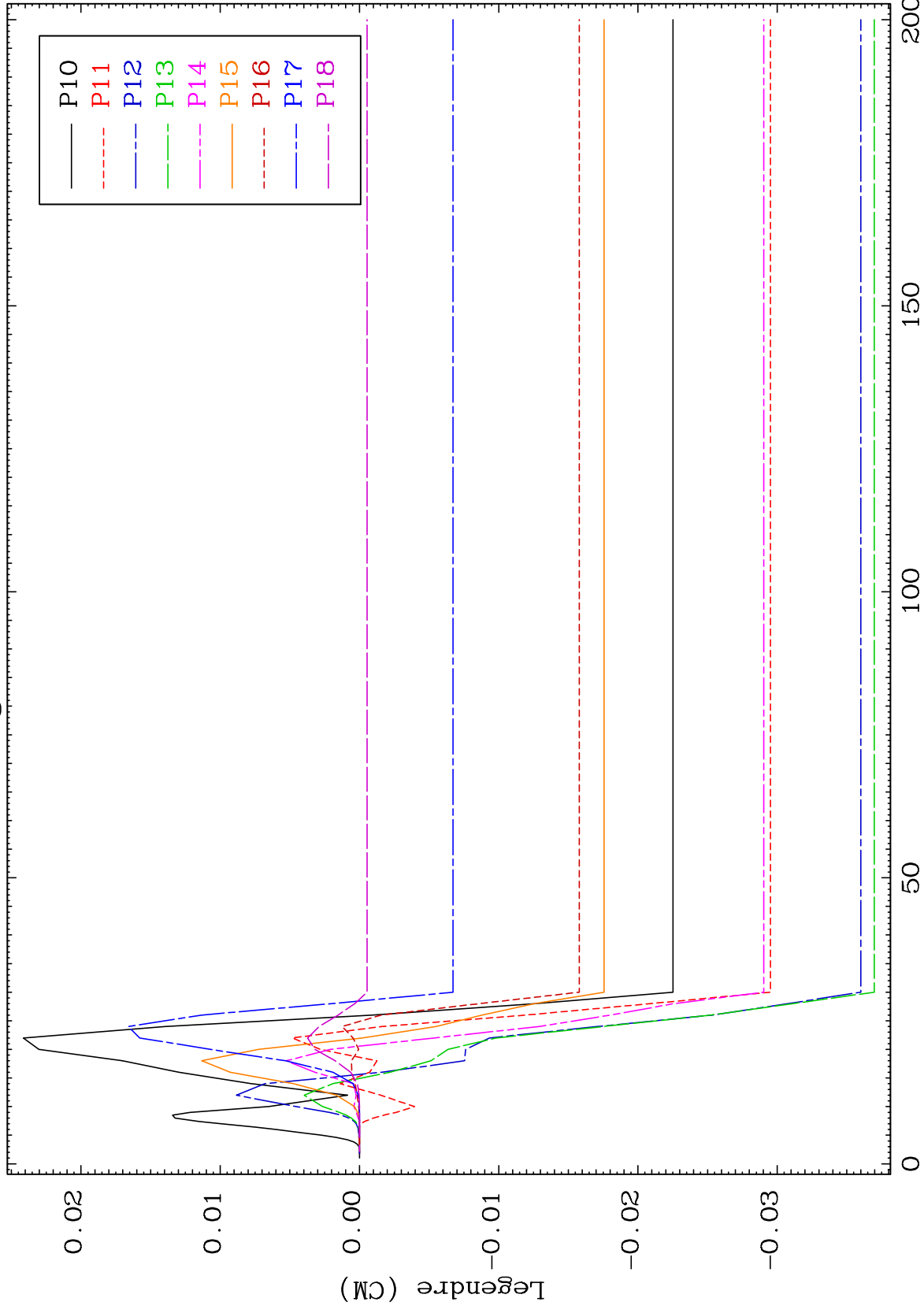
Incident Energy (MeV)

61

MAT 7471

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

75-Re-167



62

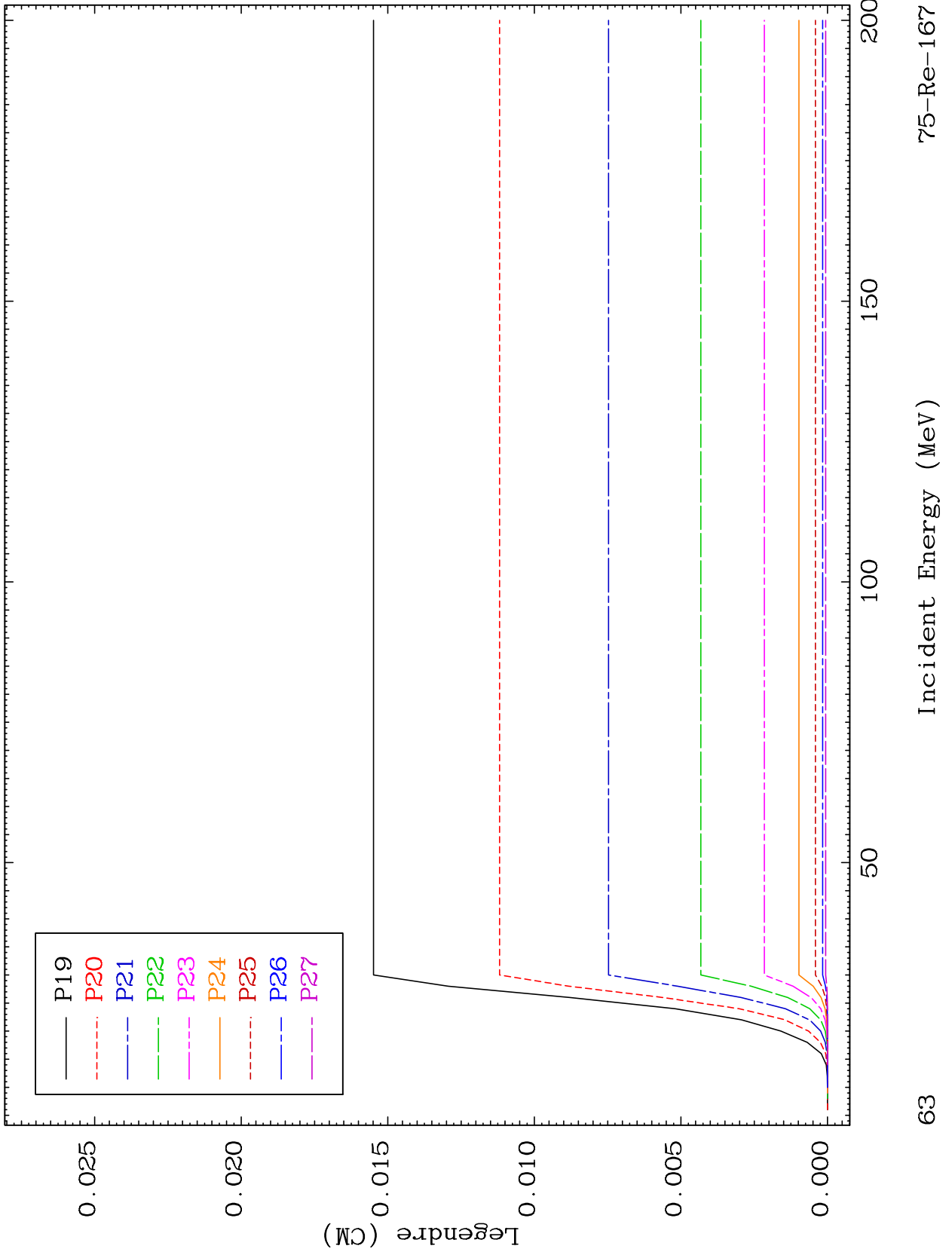
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



63

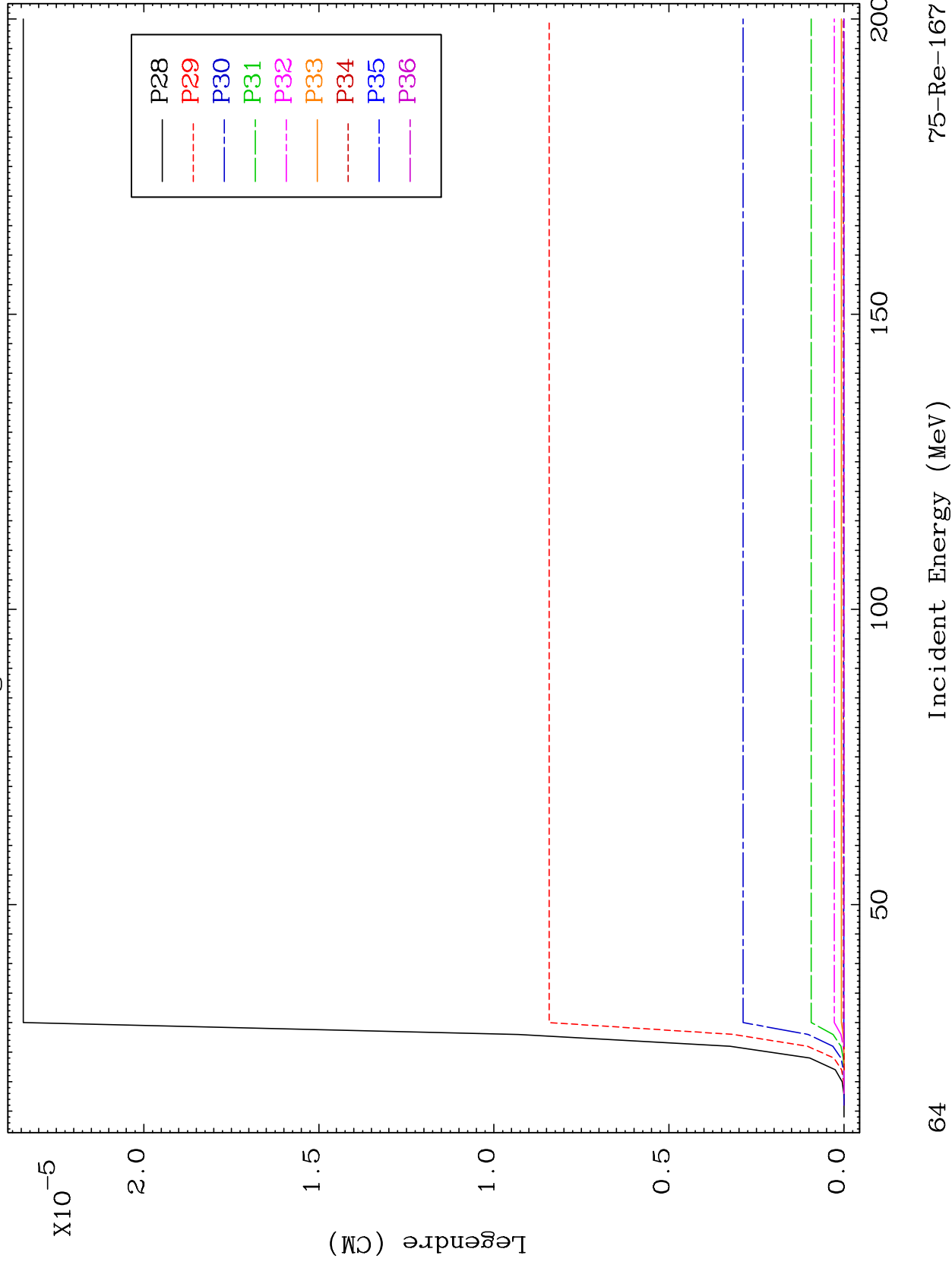
Incident Energy (MeV)

75-Re-167

MAT 7471

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

75-Re-167



64

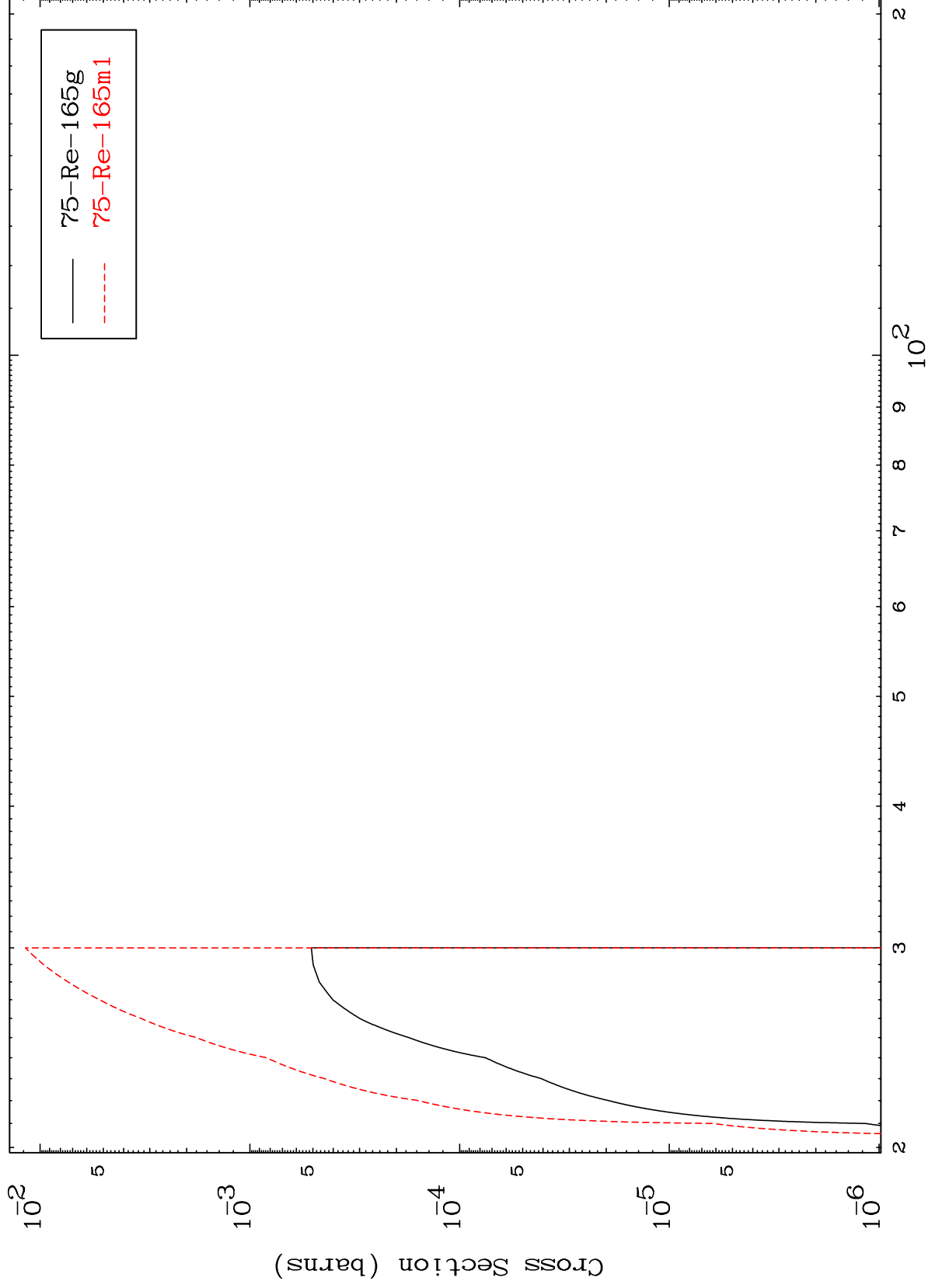
Incident Energy (MeV)

75-Re-167

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75-Re-167

(n,3n)
Radionuclide Production Cross Section



65

Incident Energy (MeV)

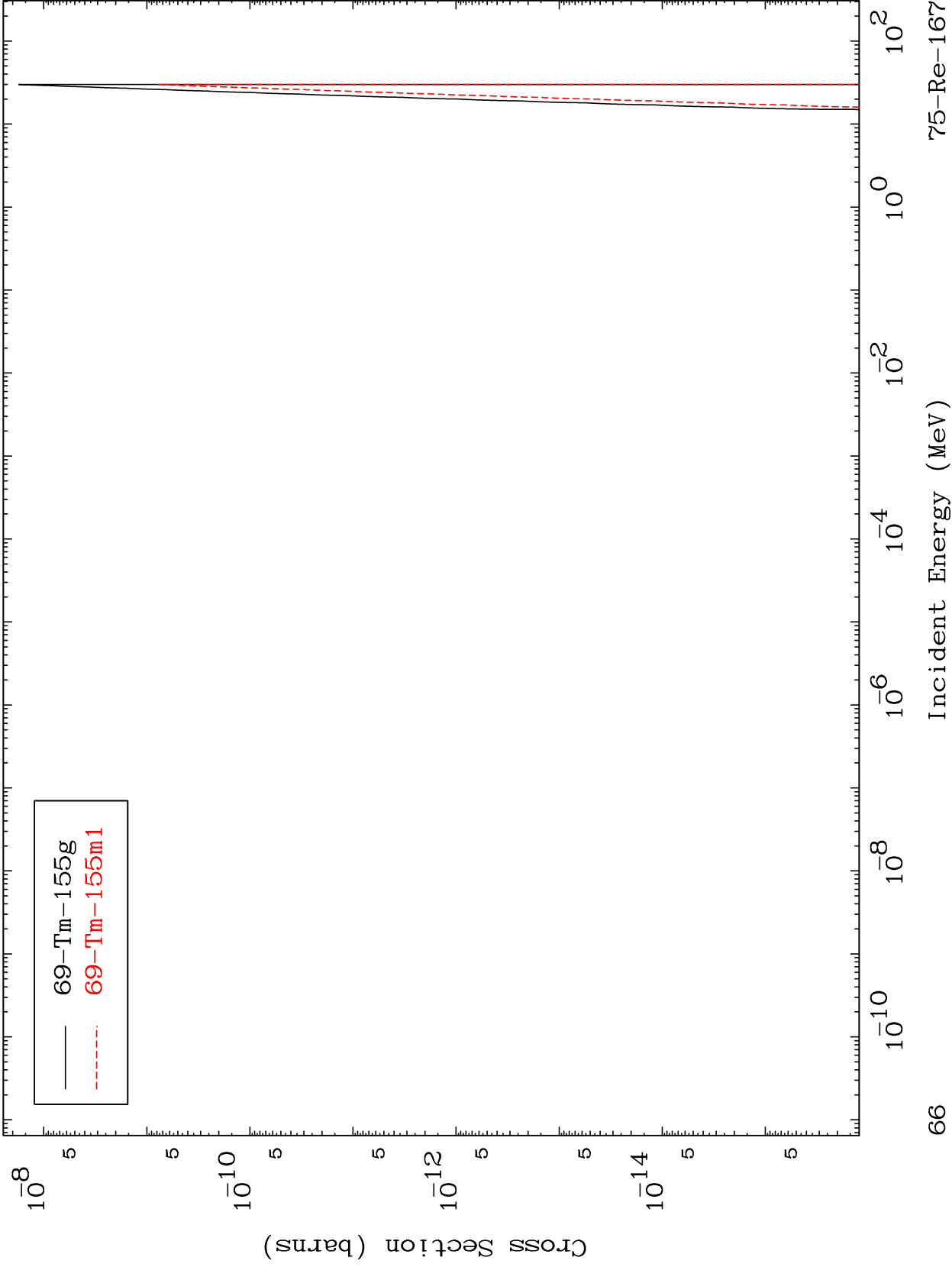
75-Re-167

MAT 7471

(n,n') 3 α

75-Re-167

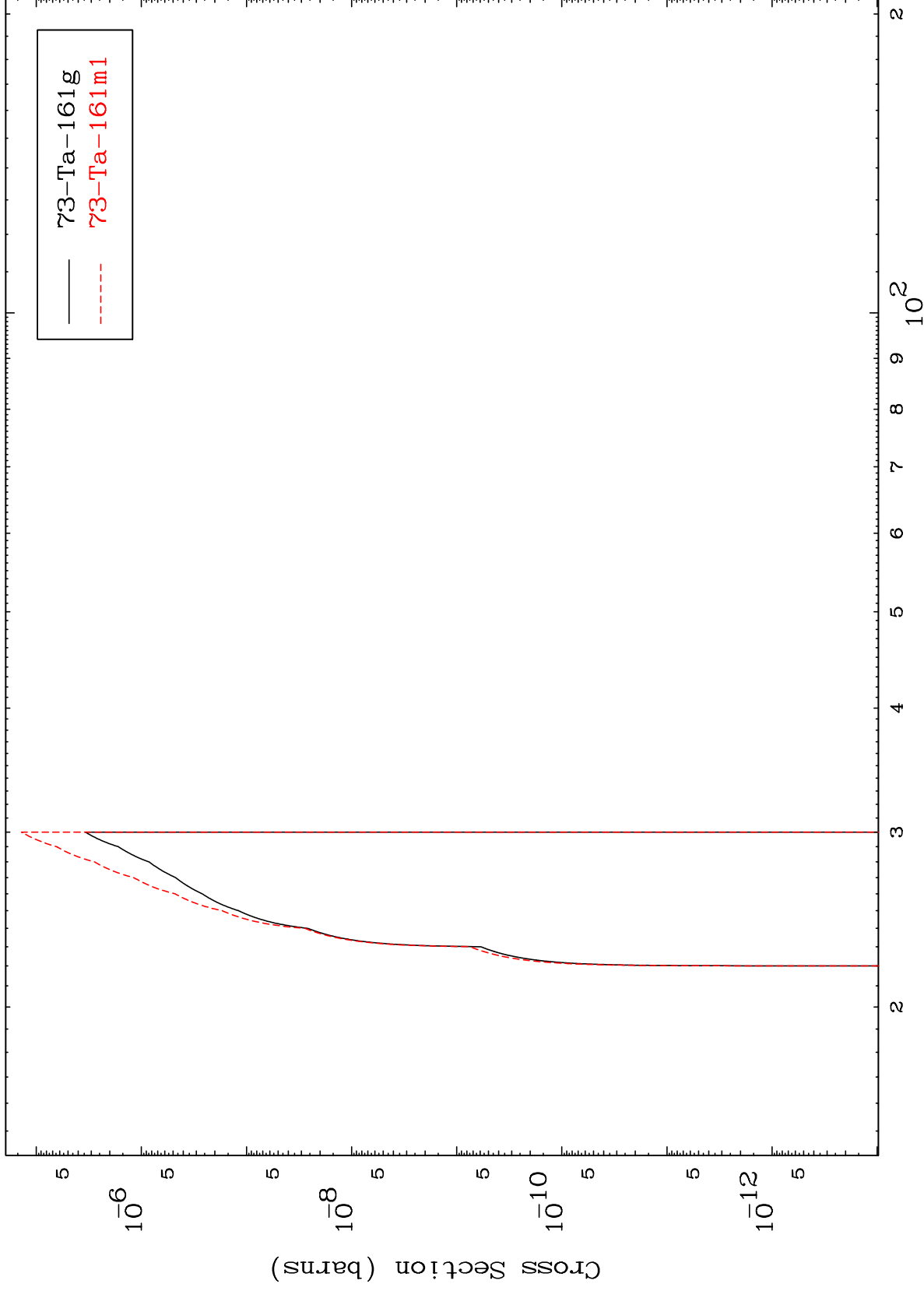
Radionuclide Production Cross Section



MAT 7471

75-Re-167

$(n,3n) \alpha$
Radionuclide Production Cross Section



67

Incident Energy (MeV)

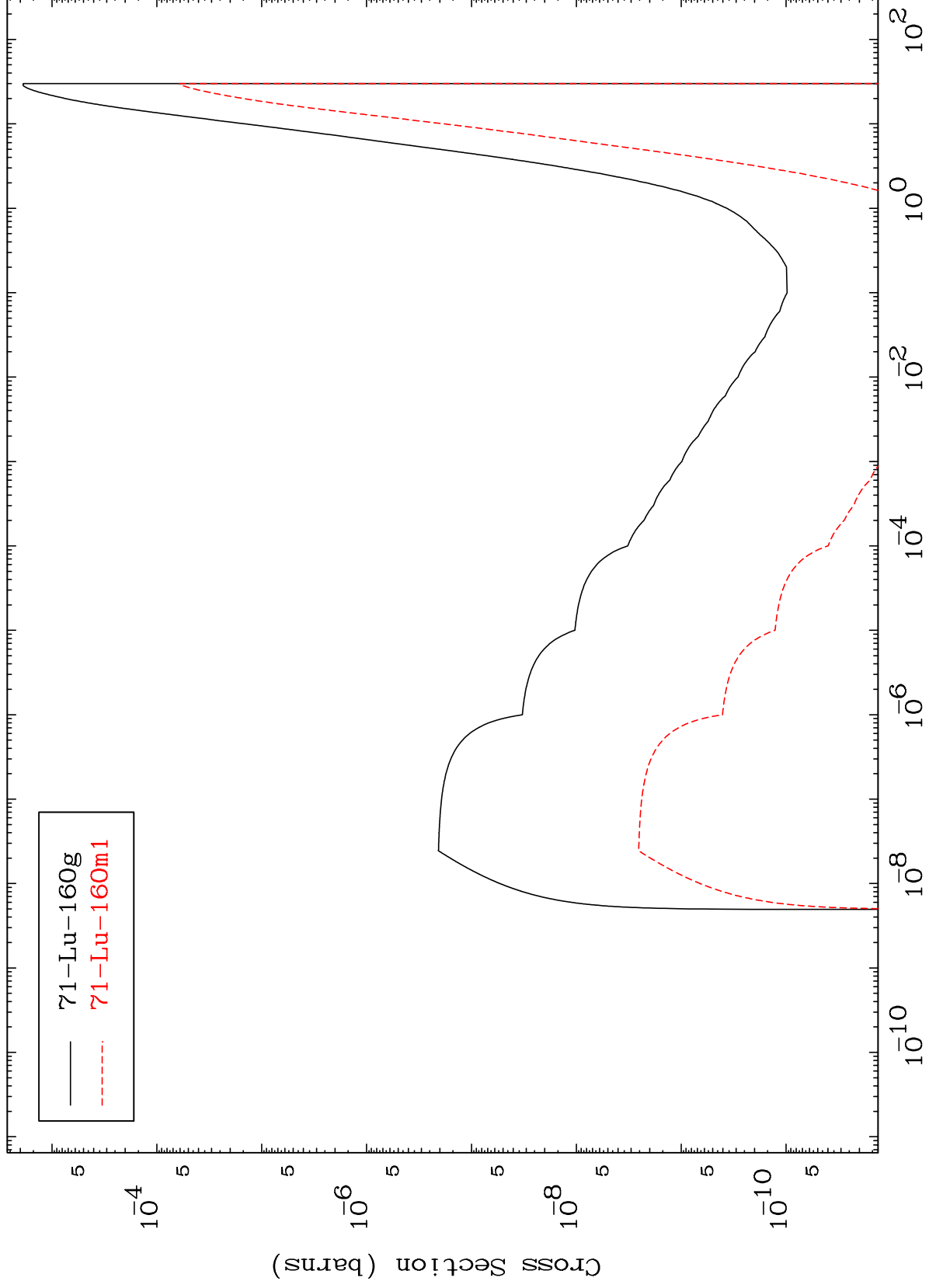
75-Re-167

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(n,2α)

75-Re-167

Radionuclide Production Cross Section



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Incident Energy (MeV)

75-Re-167