

Program EVALPLOT  
(Version 2021-1)

by

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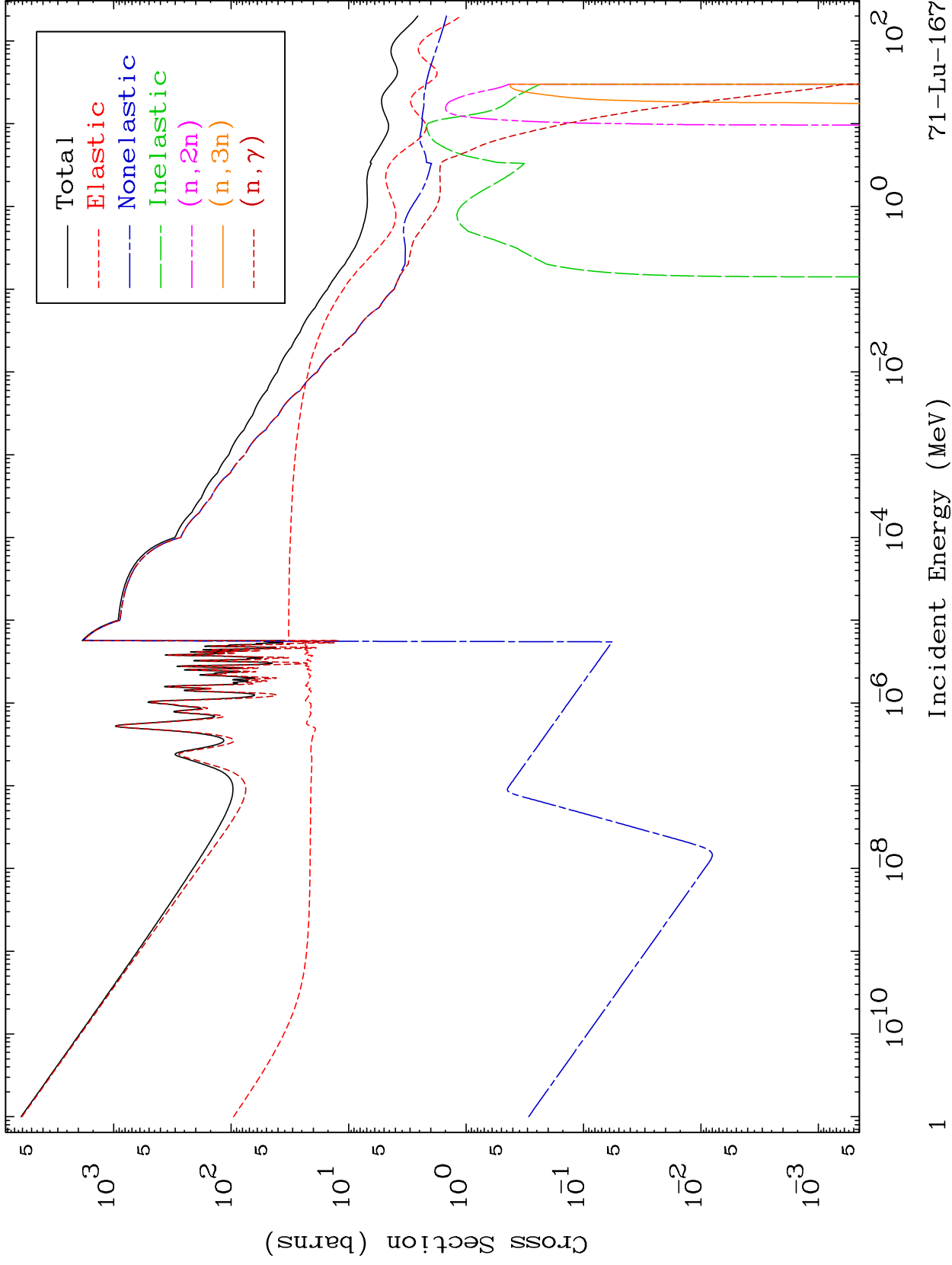
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Press Mouse Button to Start

MAT 7101

Neutron Major  
293 Kelvin Cross Sections

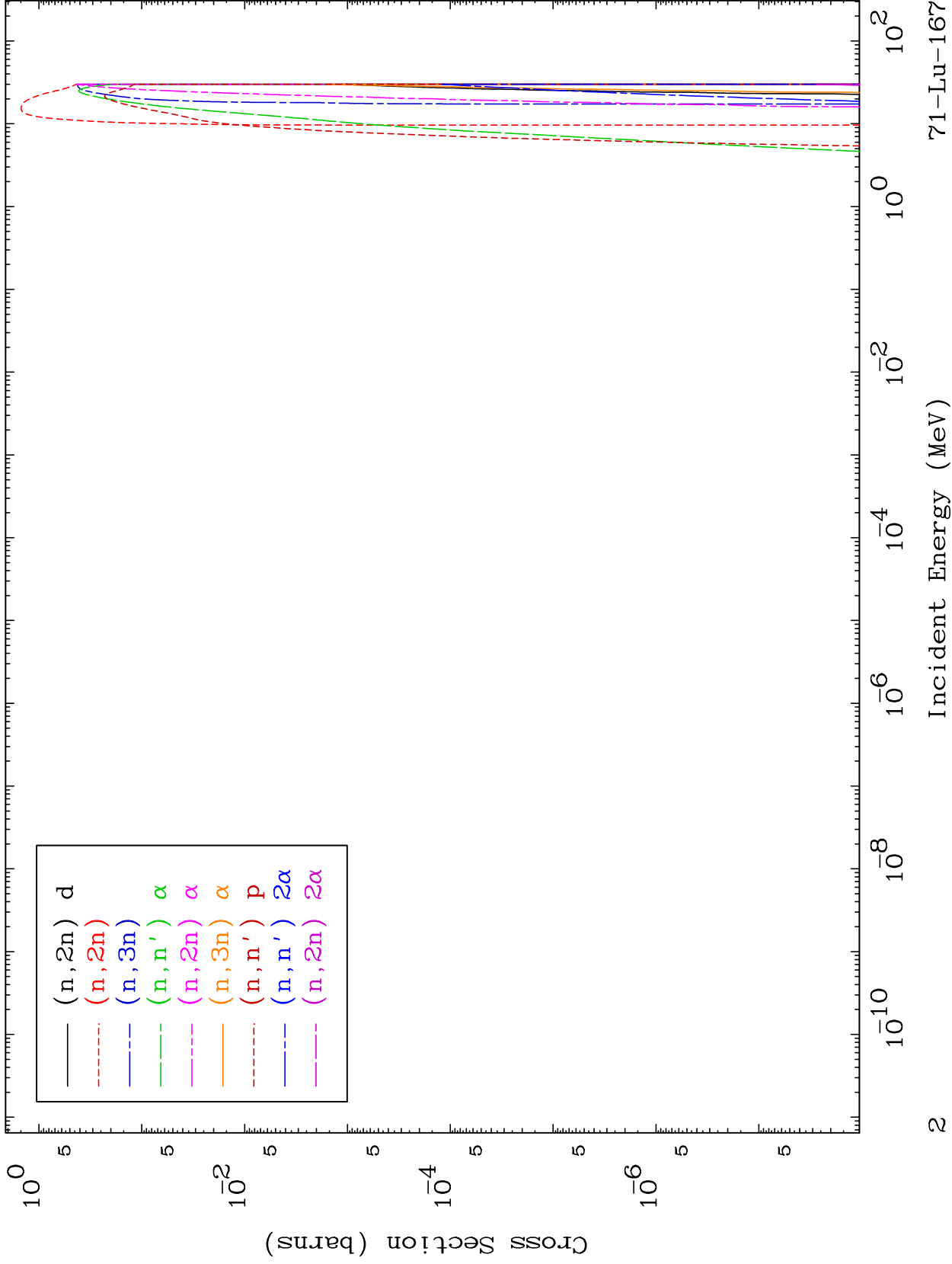
71-Lu-167



MAT 7101

Neutron Absorption  
293 Kelvin Cross Sections

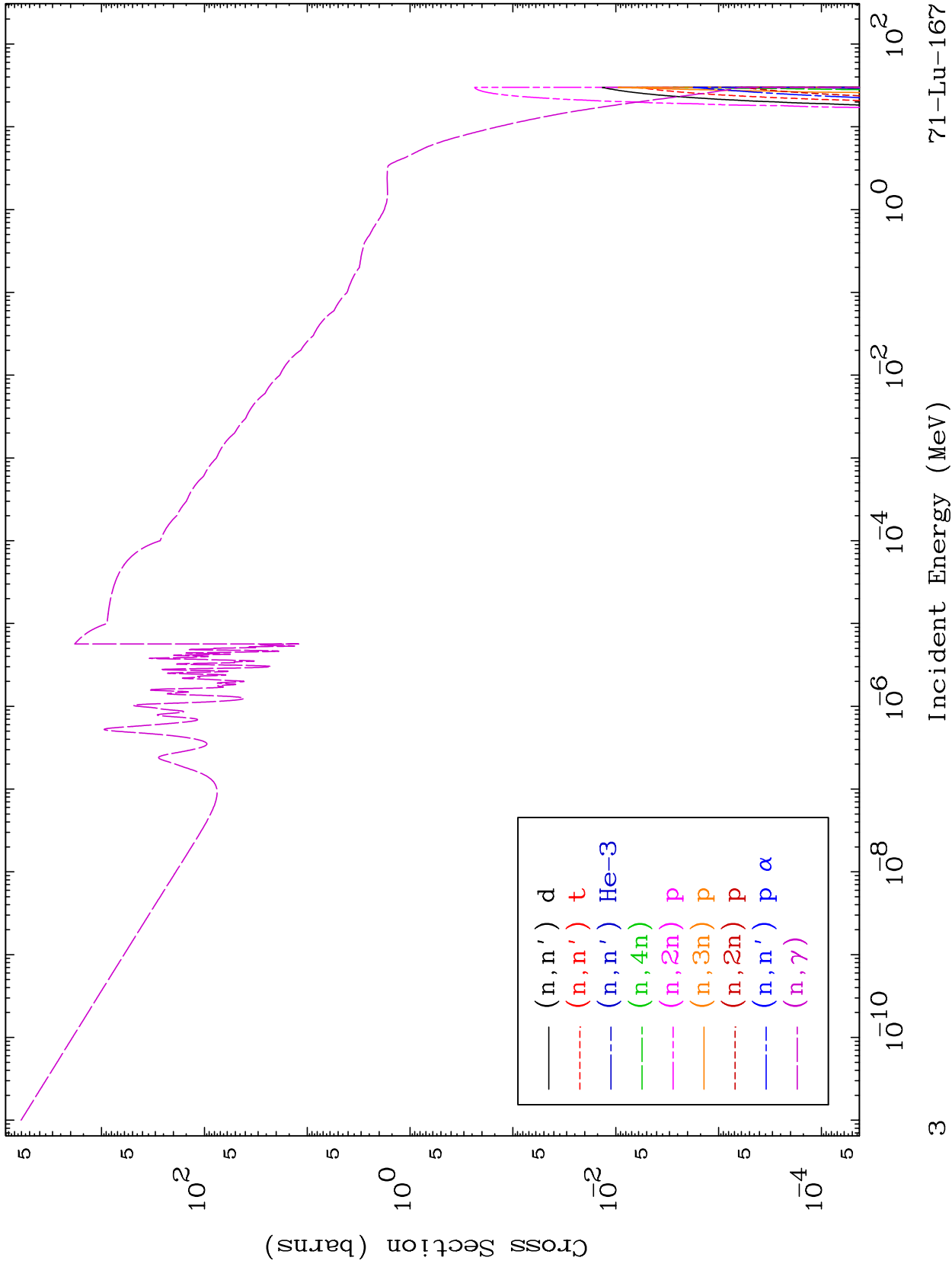
71-Lu-167



MAT 7101

Neutron Absorption  
293 Kelvin Cross Sections

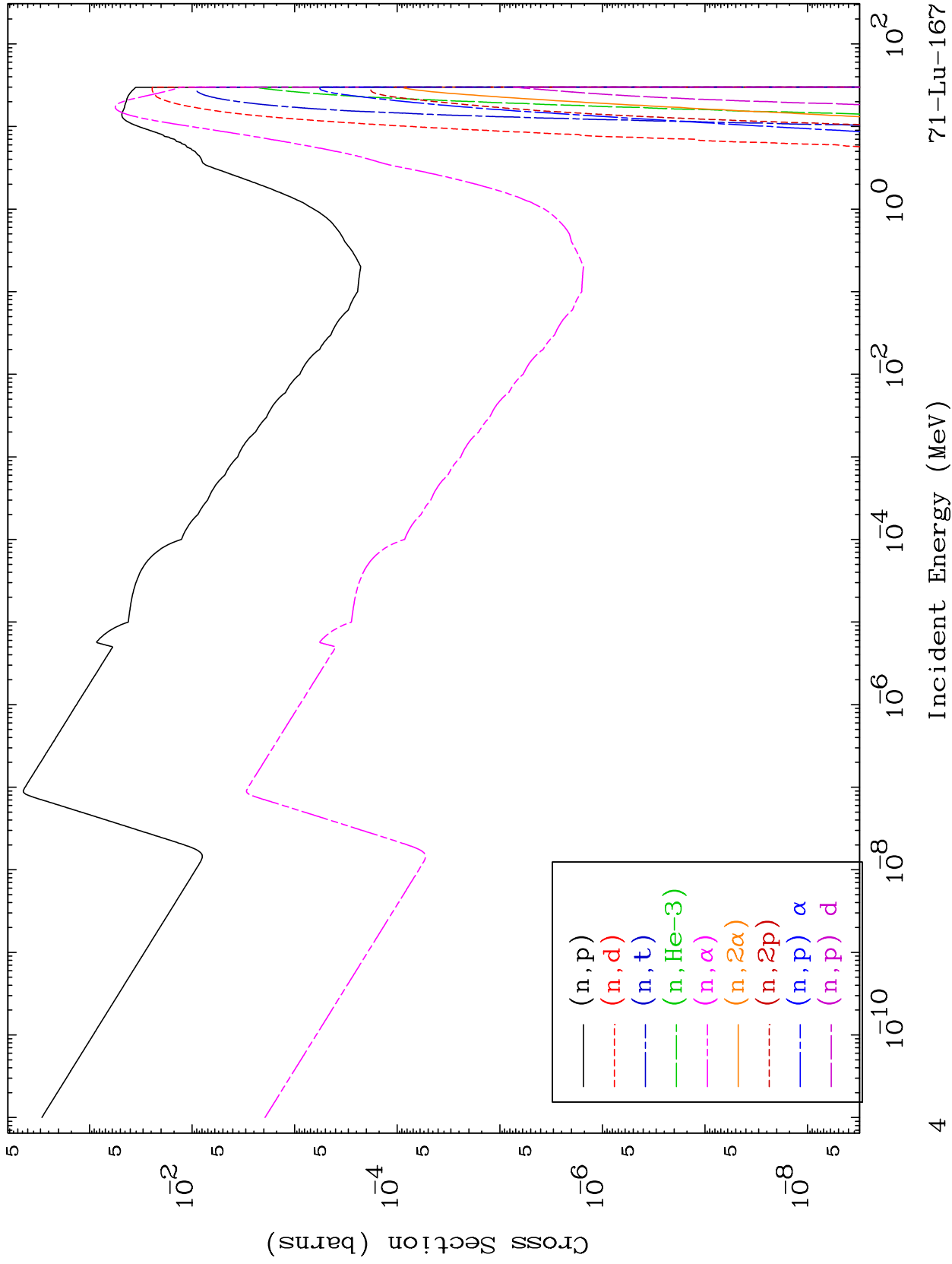
71-Lu-167



MAT 7101

Neutron Absorption  
293 Kelvin Cross Sections

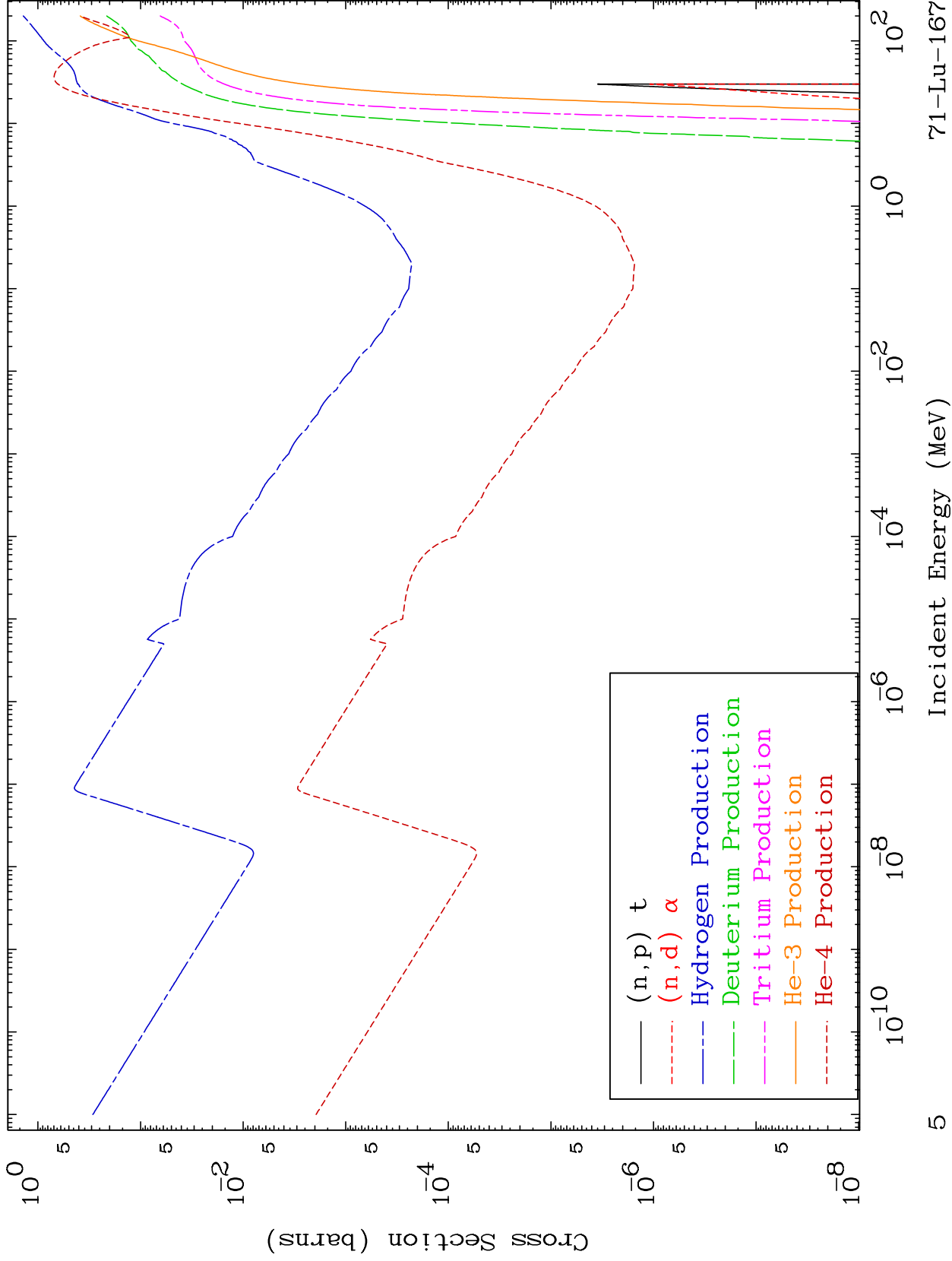
71-Lu-167



MAT 7101

Neutron Absorption  
293 Kelvin Cross Sections

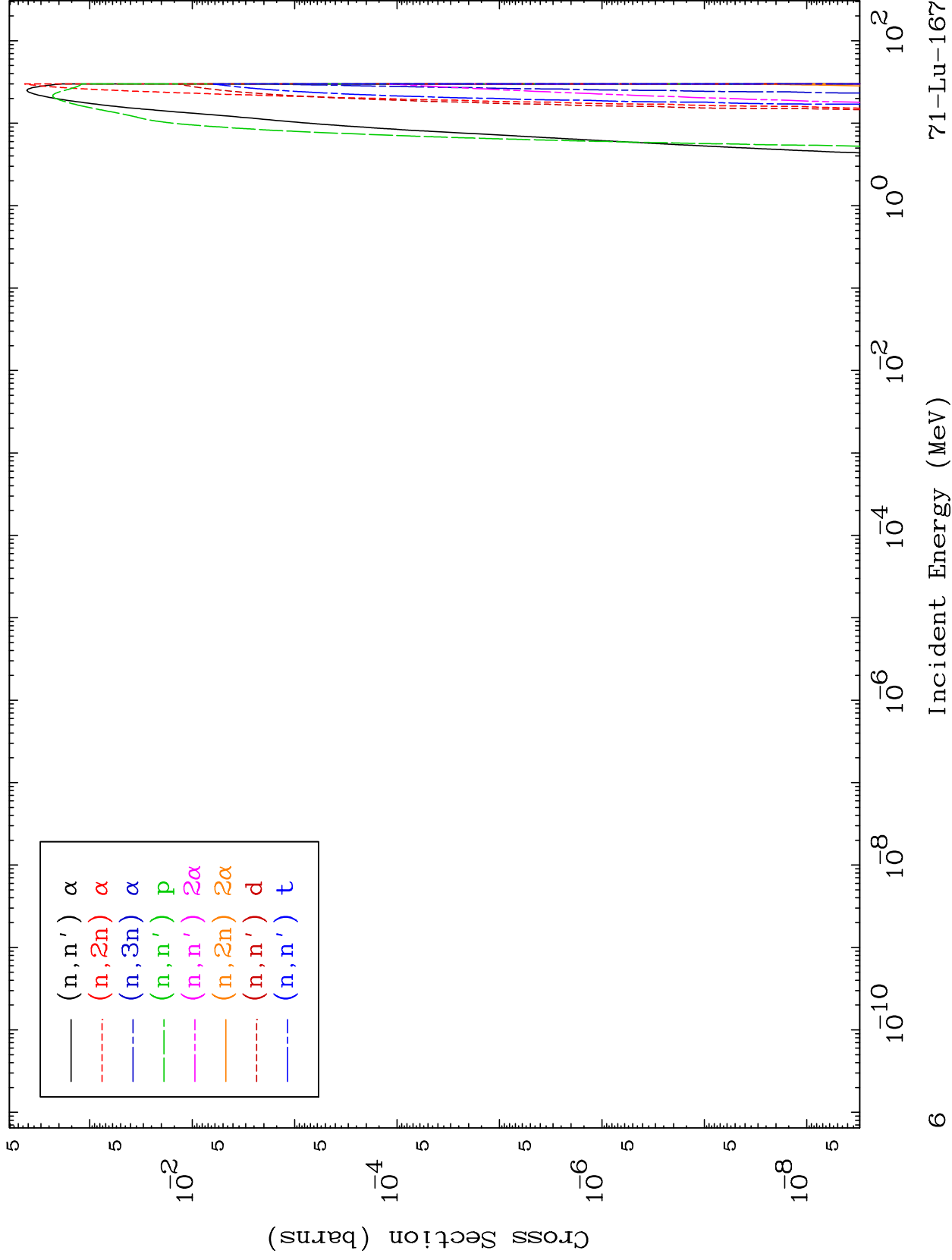
71-Lu-167



MAT 7101

Charged Particle  
293 Kelvin Cross Sections

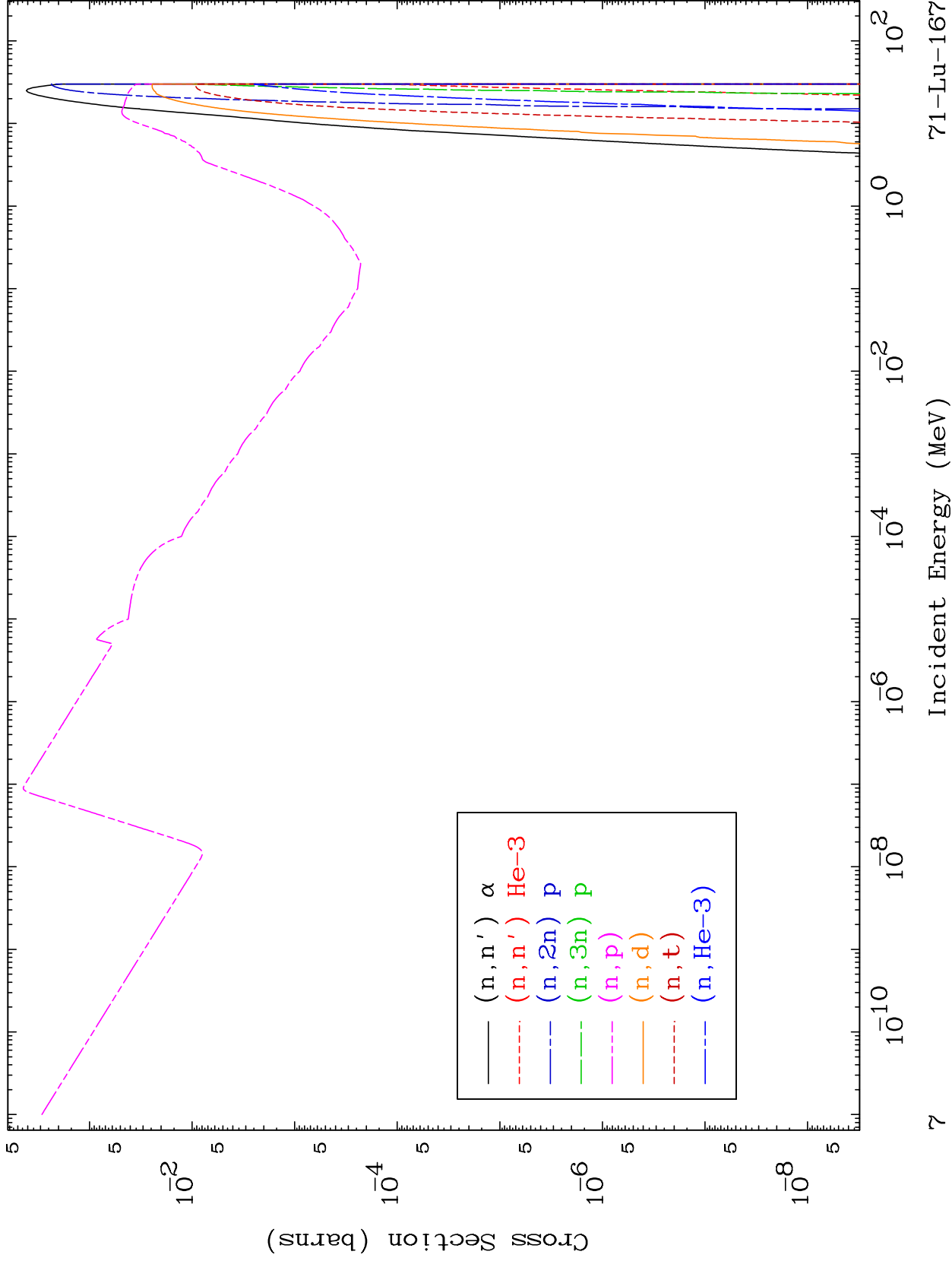
71-Lu-167



MAT 7101

Charged Particle  
293 Kelvin Cross Sections

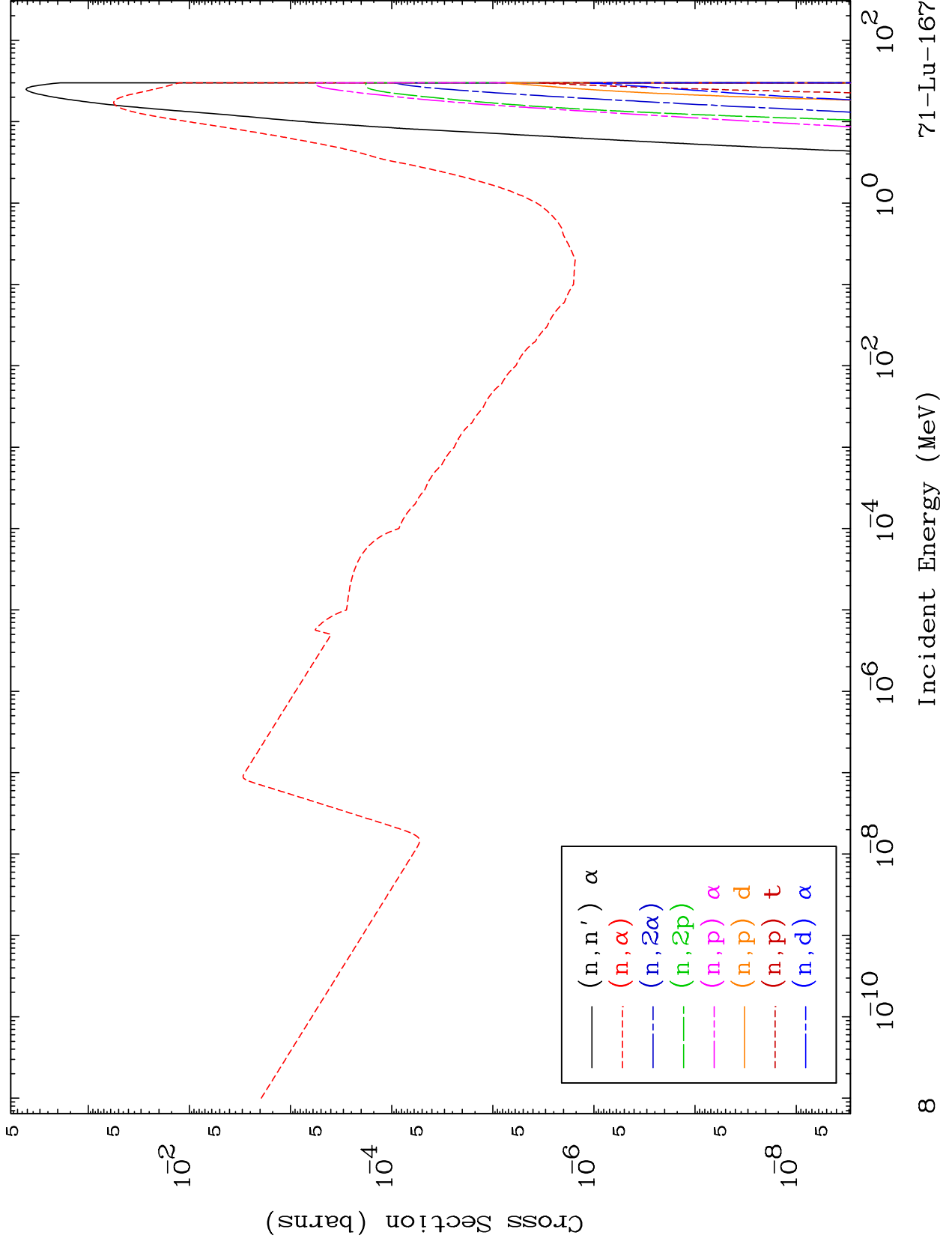
71-Lu-167



MAT 7101

Charged Particle  
293 Kelvin Cross Sections

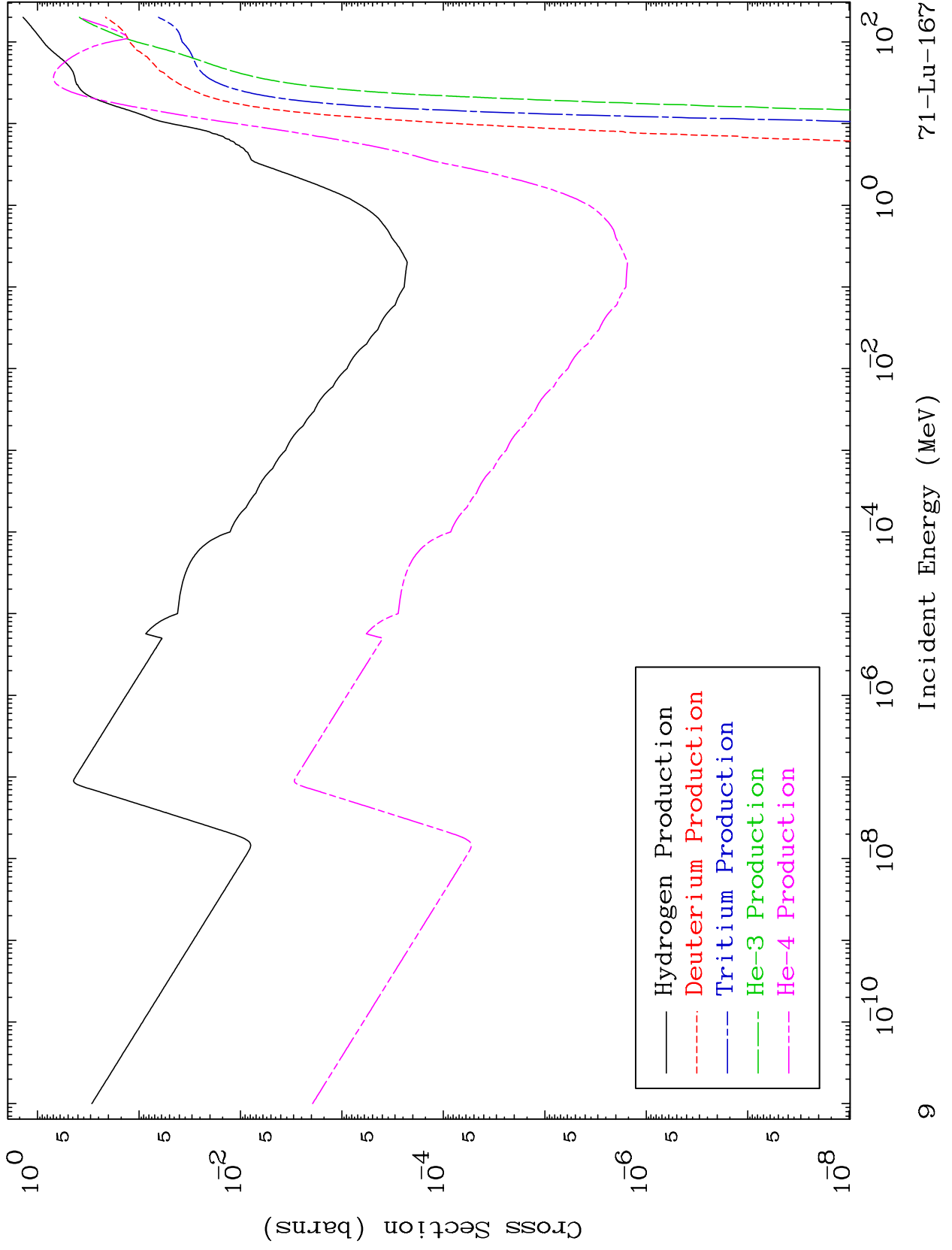
71-Lu-167



MAT 7101

Particle Production  
293 Kelvin Cross Sections

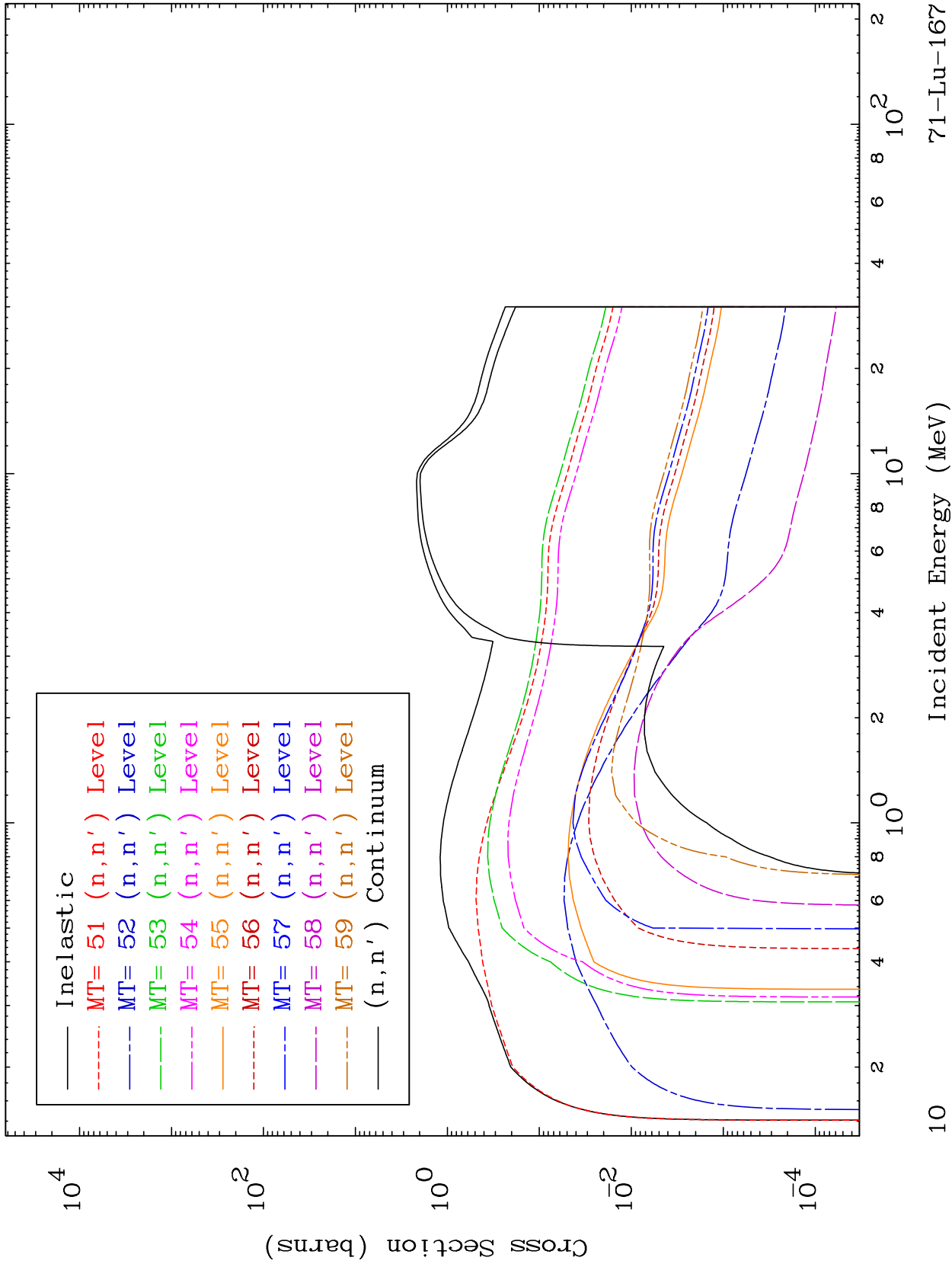
71-Lu-167



MAT 7101

(n,n') Levels  
293 Kelvin Cross Sections

71-Lu-167



10

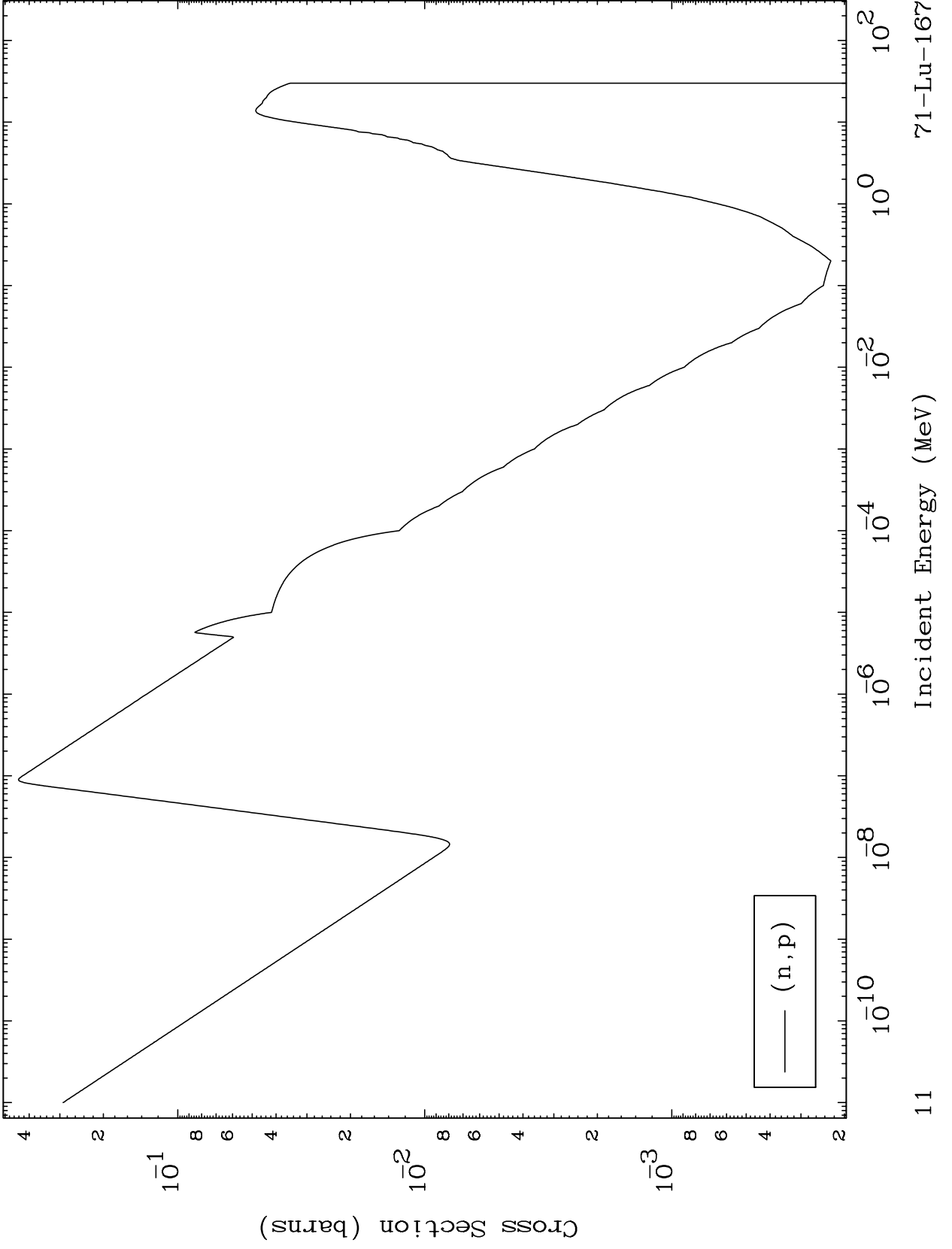
Incident Energy (MeV)

71-Lu-167

MAT 7101

(n,p) Levels  
293 Kelvin Cross Sections

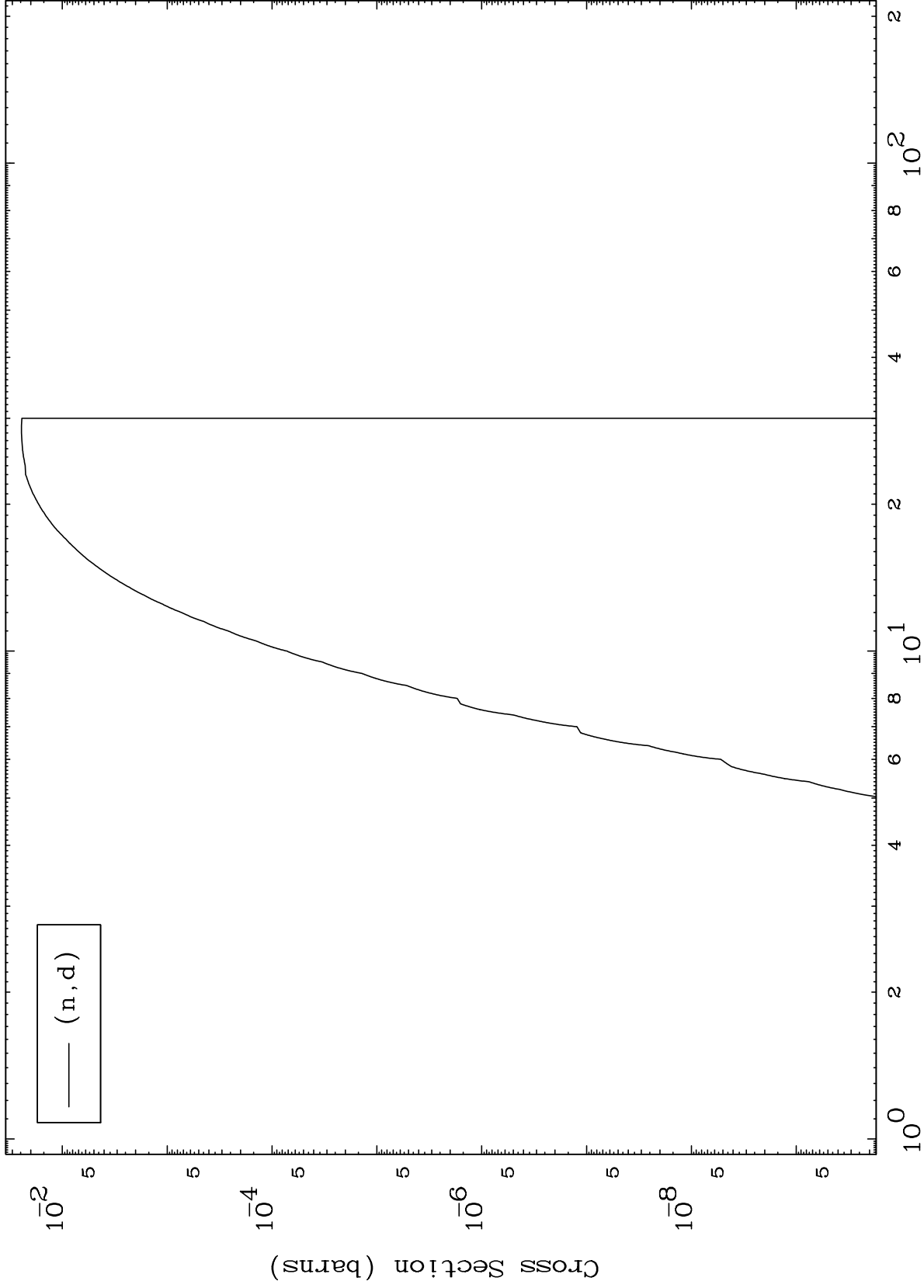
71-Lu-167



MAT 7101

(n,d) Levels  
293 Kelvin Cross Sections

71-Lu-167



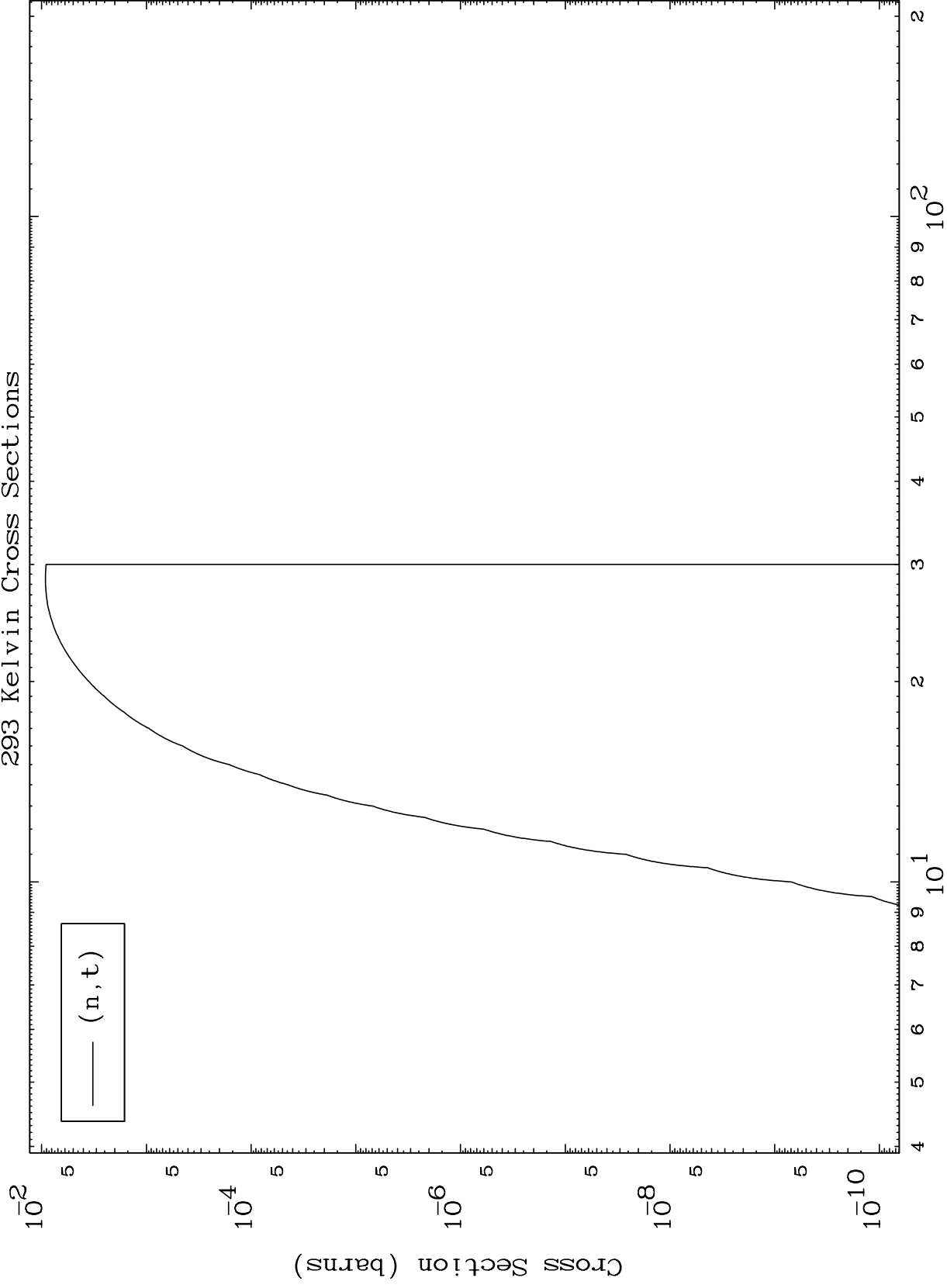
Incident Energy (MeV)

71-Lu-167

MAT 7101

(n,t) Levels  
293 Kelvin Cross Sections

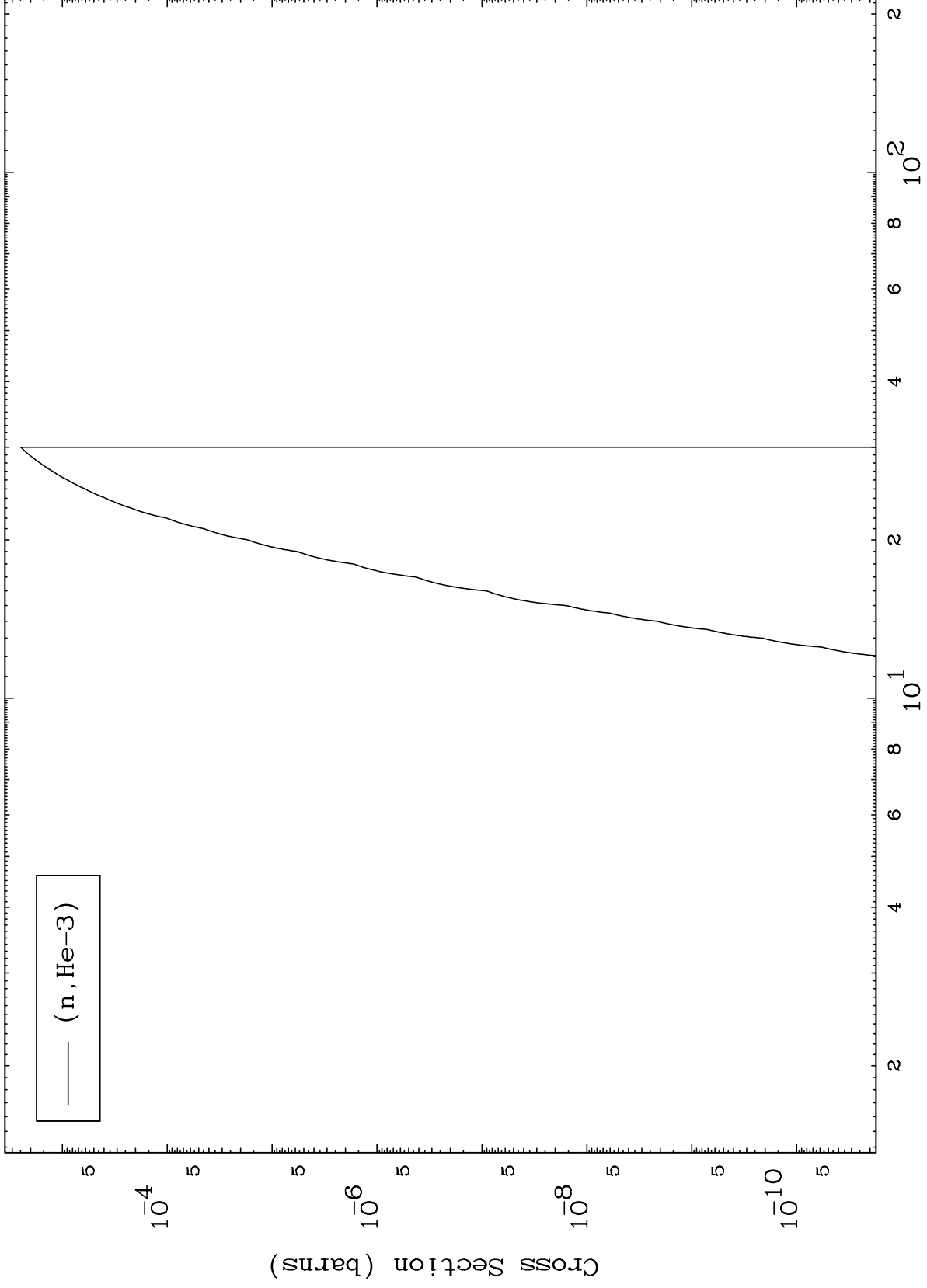
71-Lu-167



MAT 7101

(n,He3) Levels  
293 Kelvin Cross Sections

71-Lu-167



14

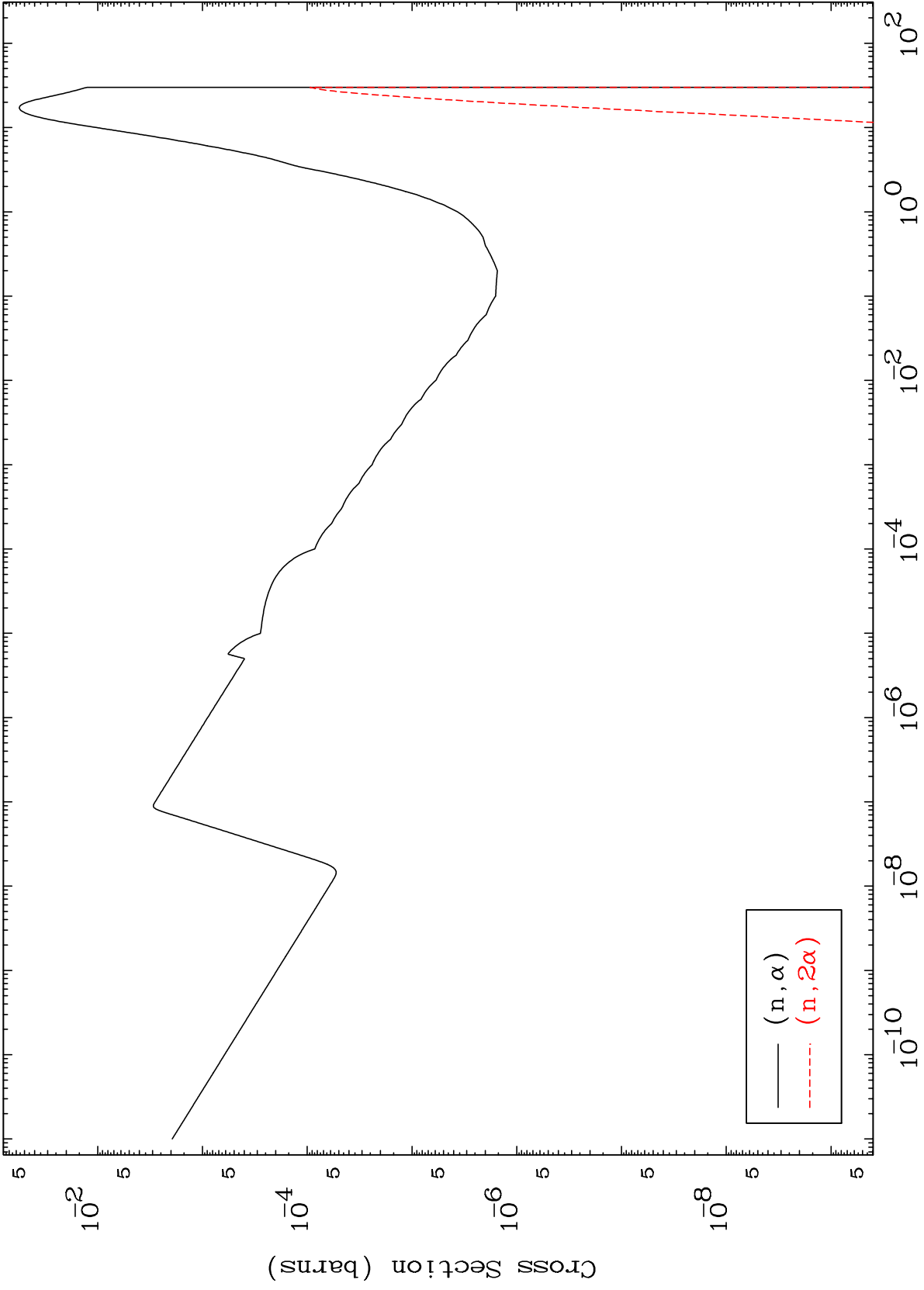
Incident Energy (MeV)

71-Lu-167

MAT 7101

(n,α) Levels  
293 Kelvin Cross Sections

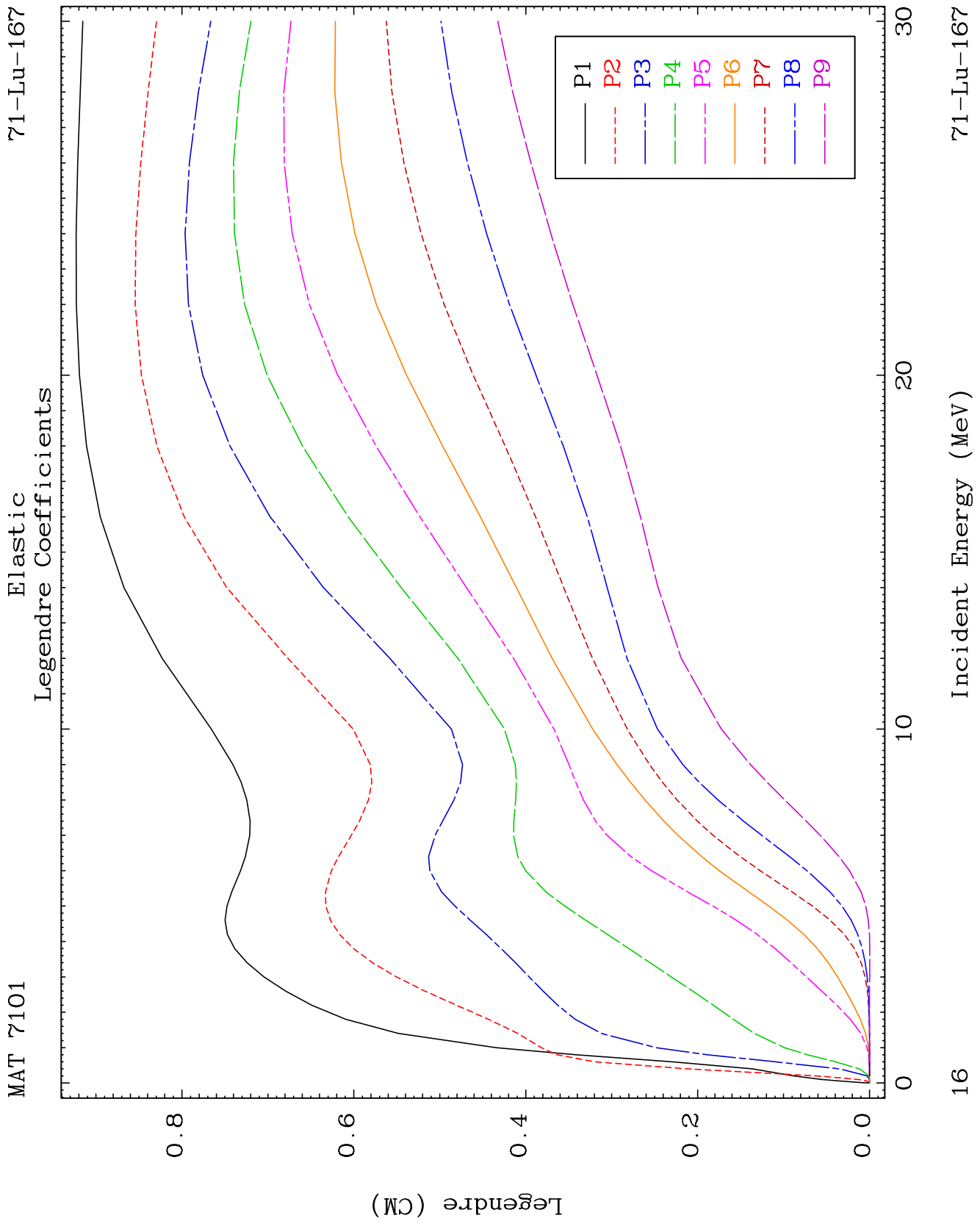
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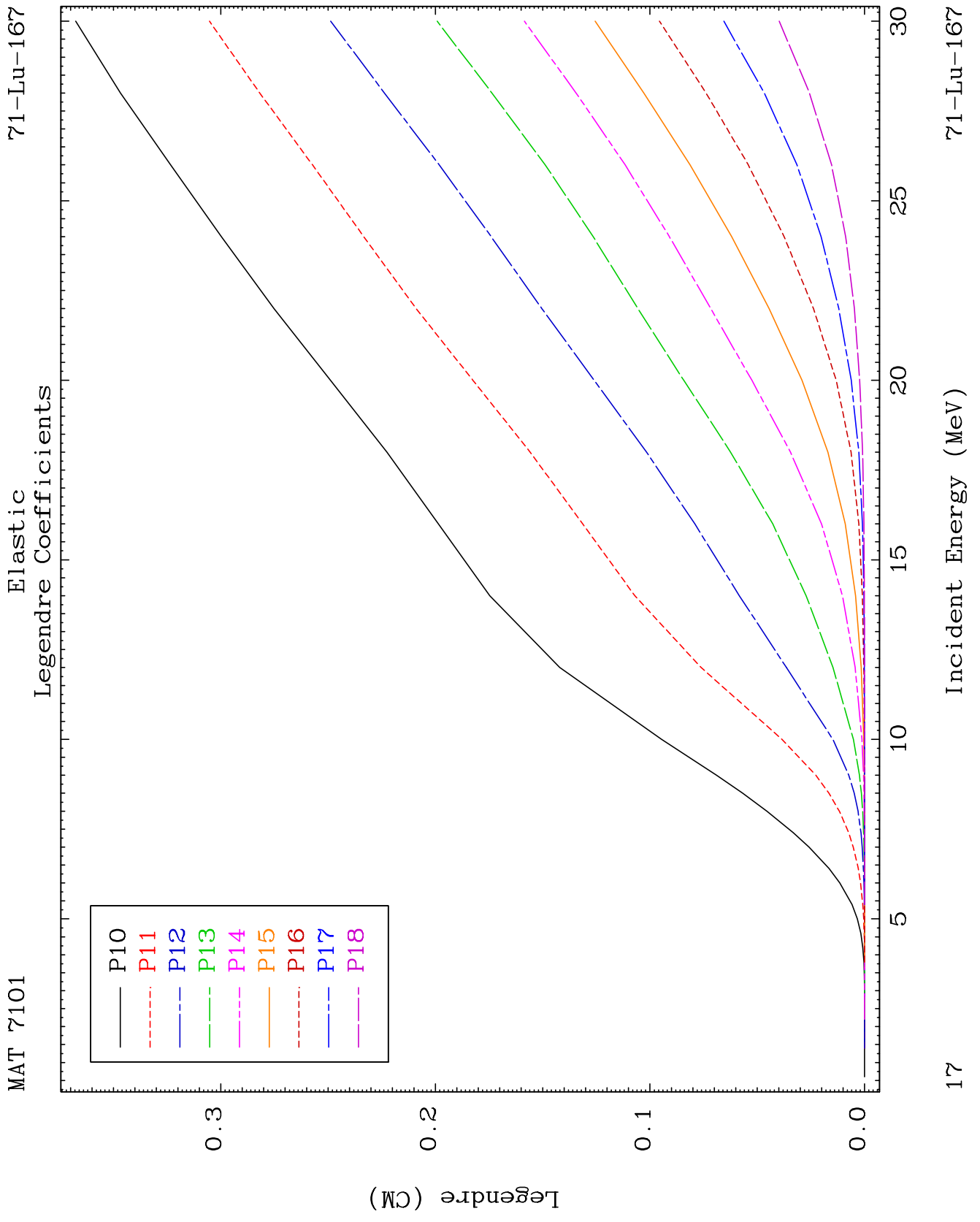


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Incident Energy (MeV)

71-Lu-167

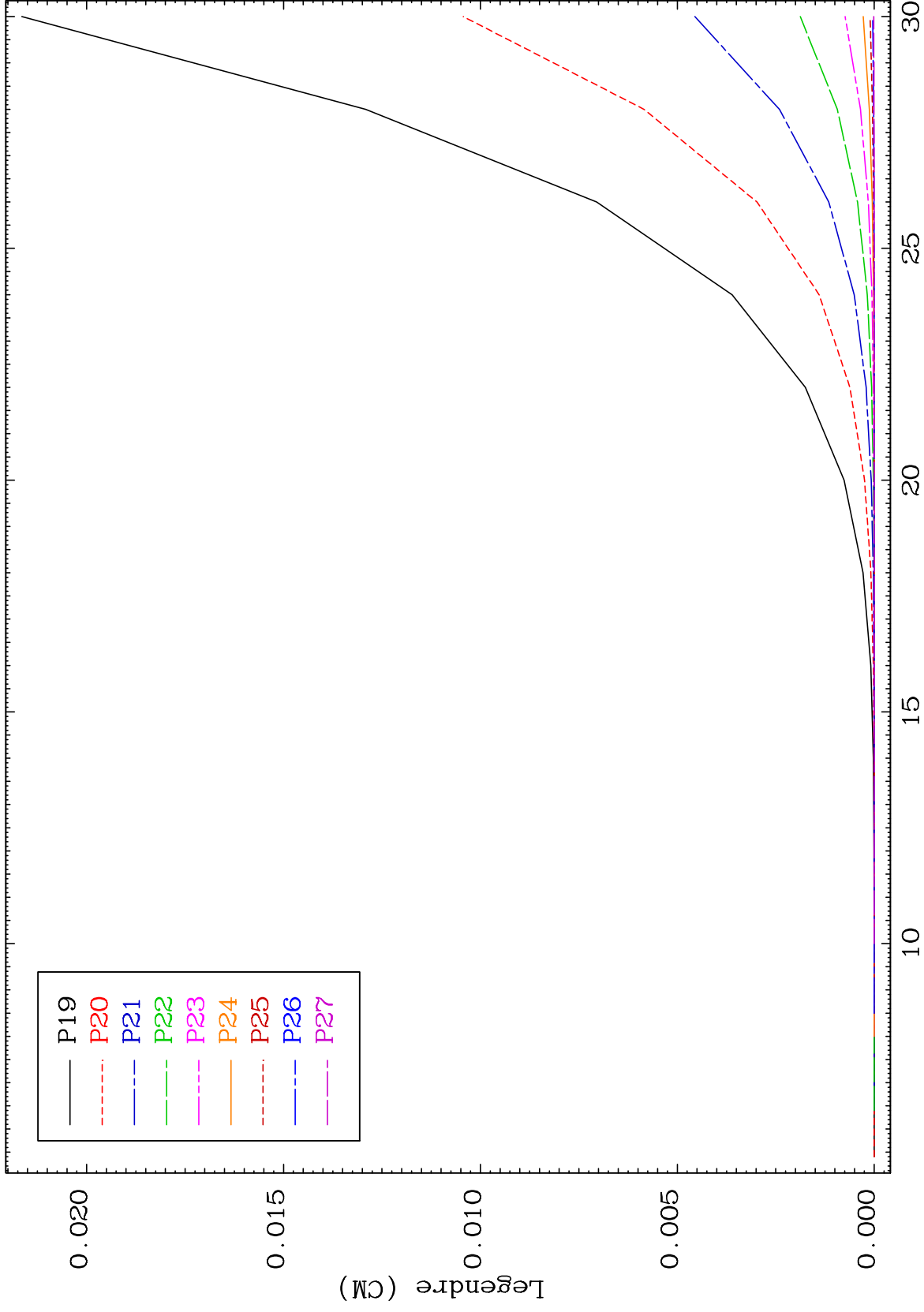




MAT 7101

### Elastic Legendre Coefficients

71-Lu-167



18

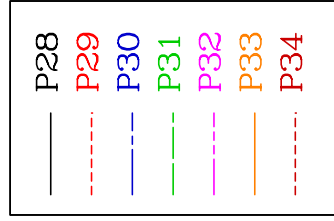
Incident Energy (MeV)

71-Lu-167

MAT 7101

Elastic Legendre Coefficients

71-Lu-167



$\times 10^{-6}$

Legendre (CM)

10

15

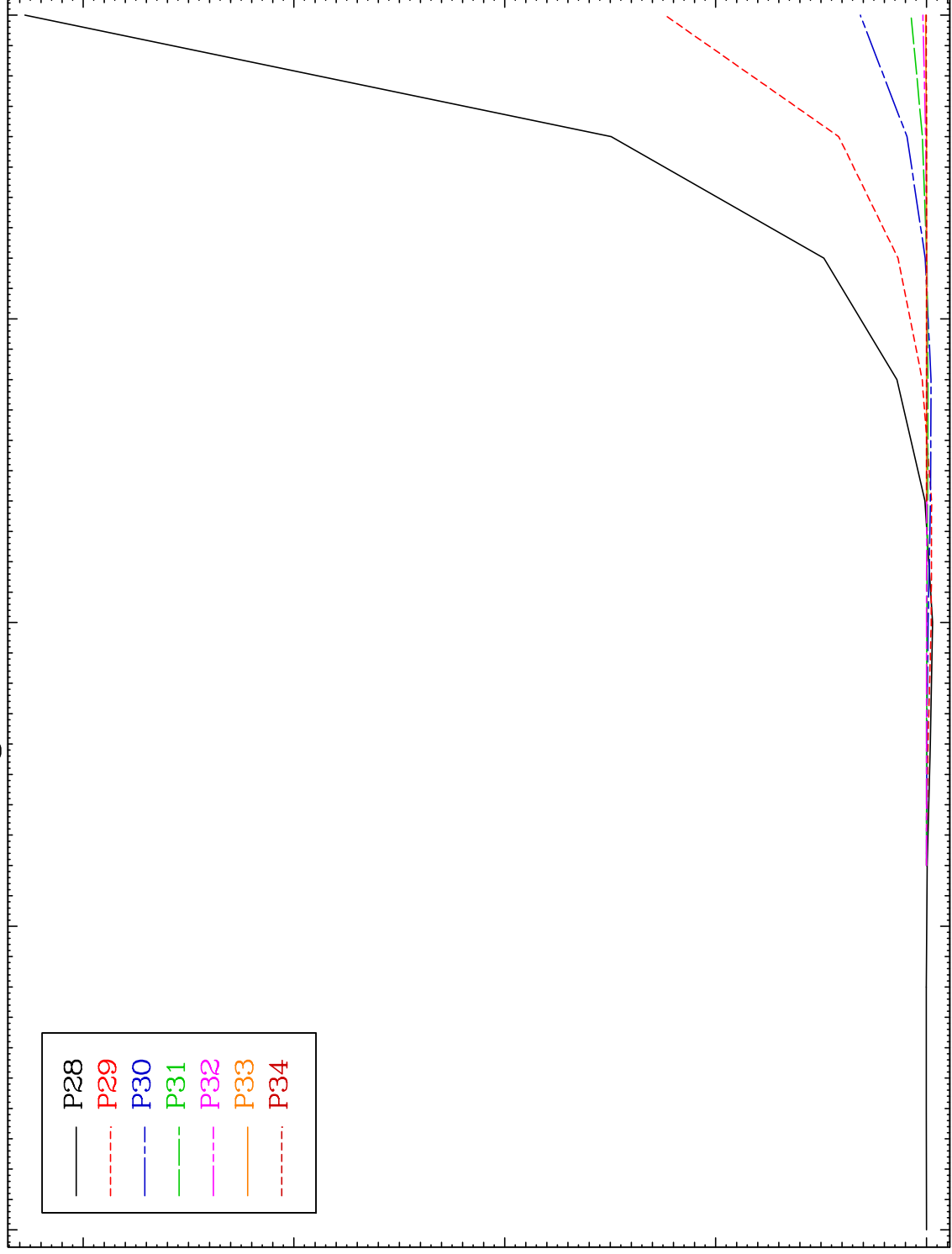
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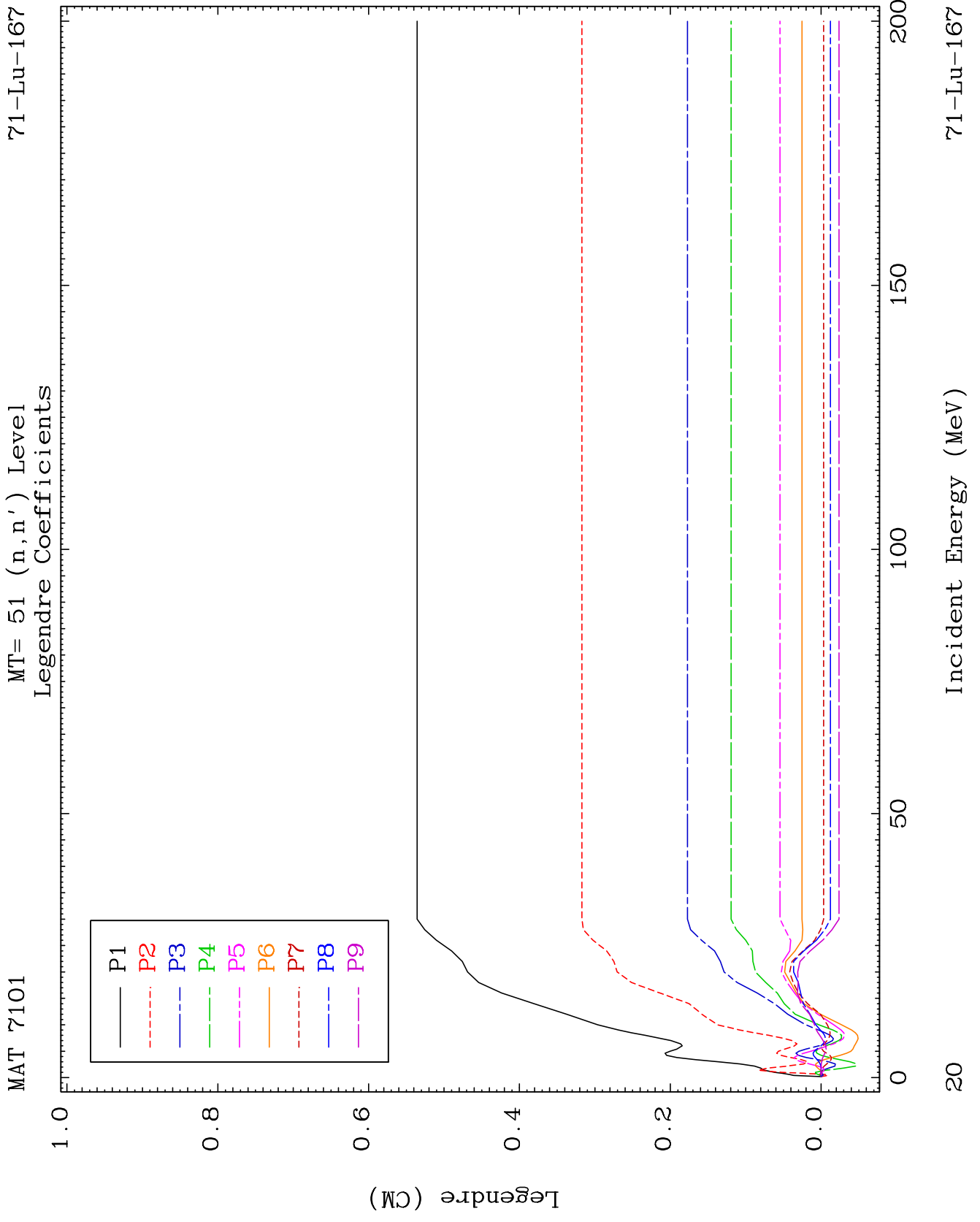
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30

Incident Energy (MeV)

71-Lu-167

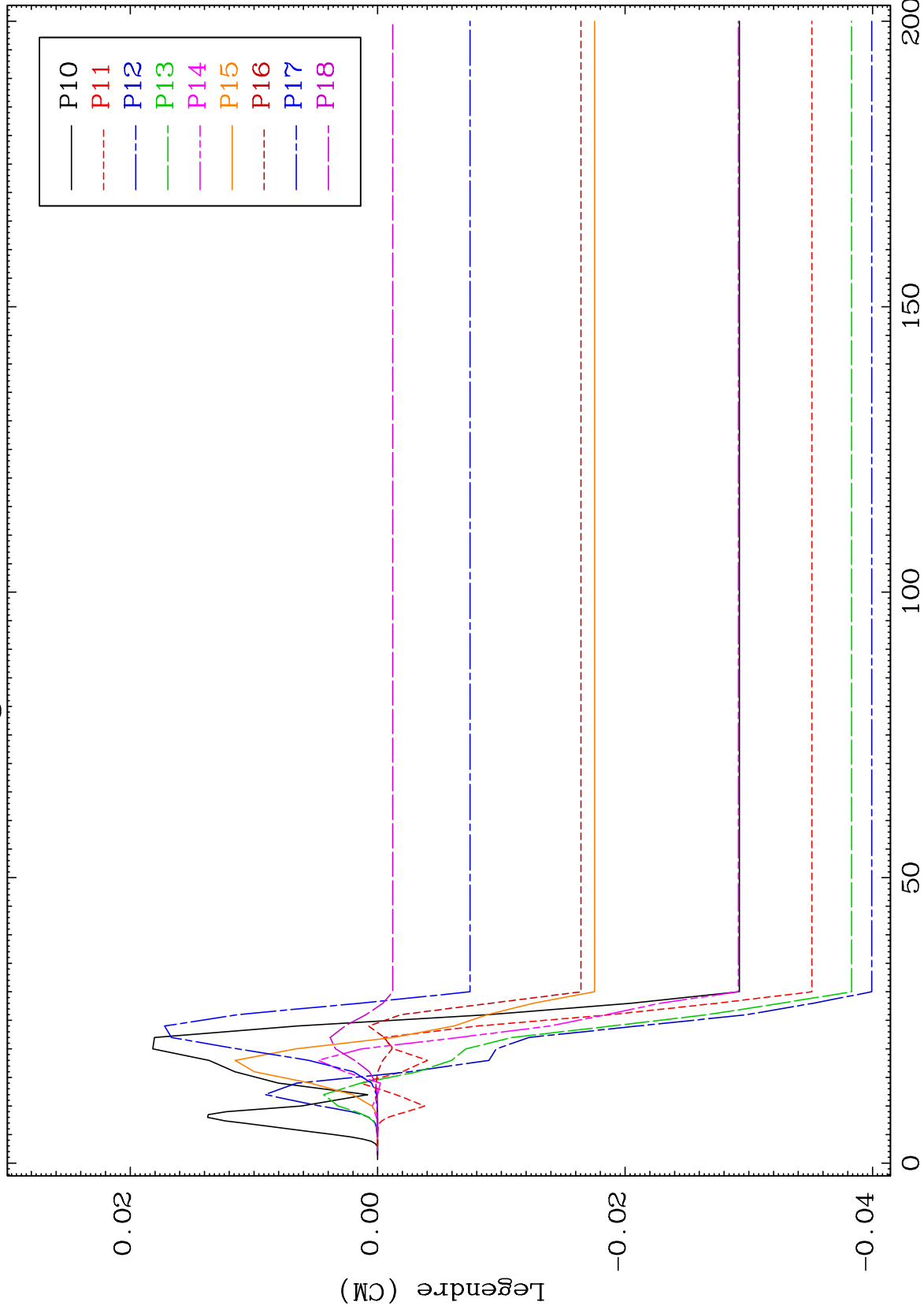




MAT 7101

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

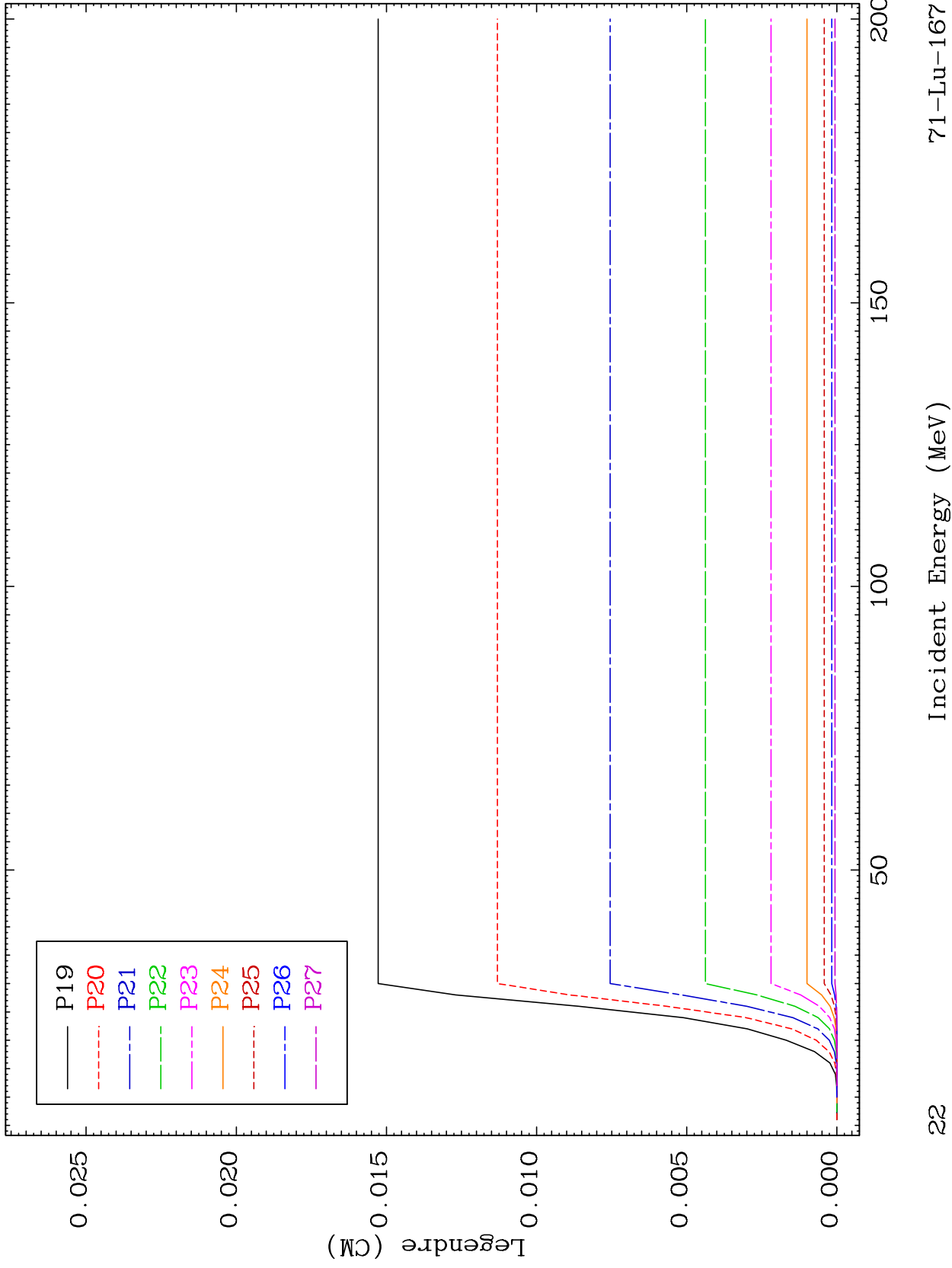
71-Lu-167

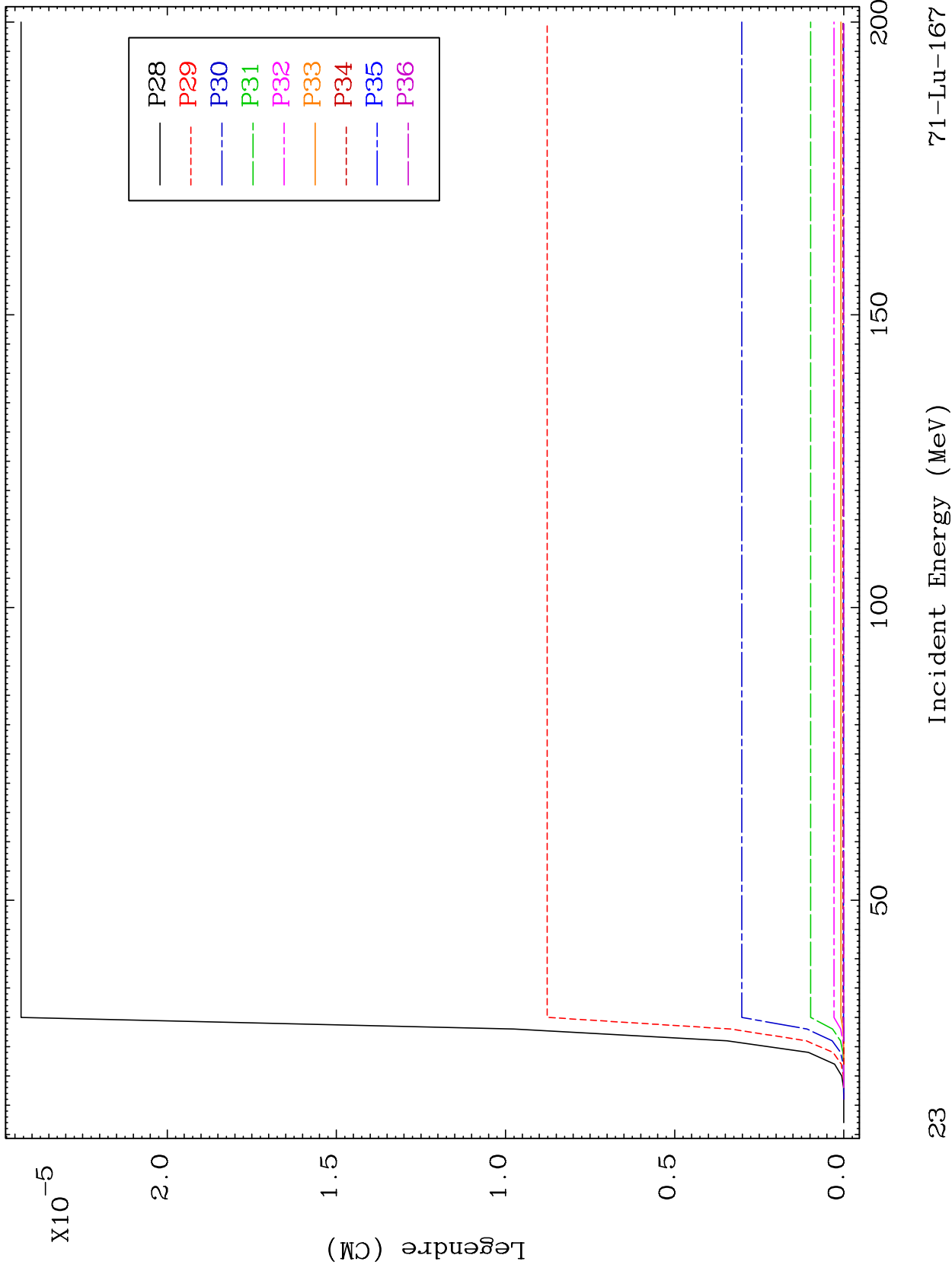


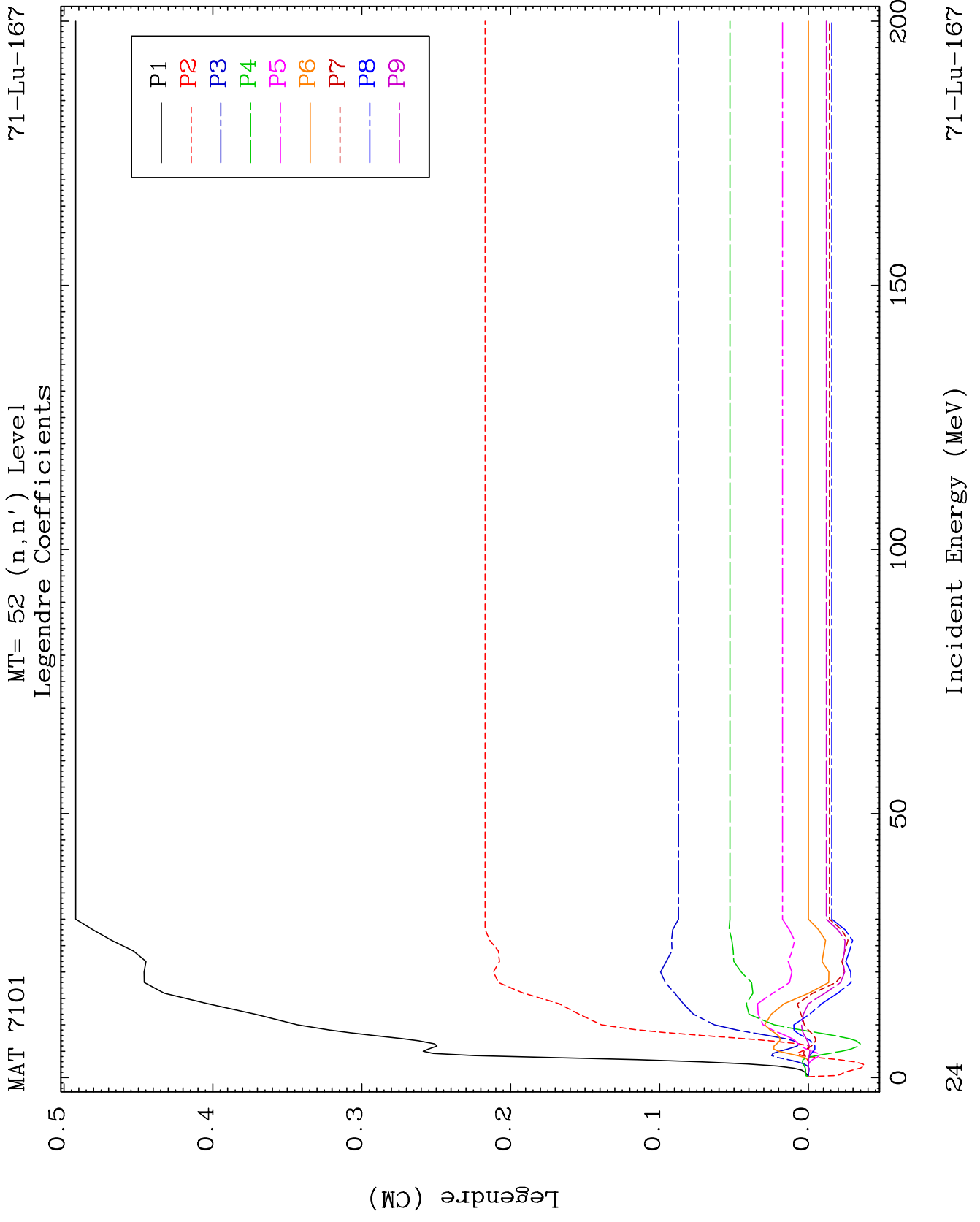
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Incident Energy (MeV)

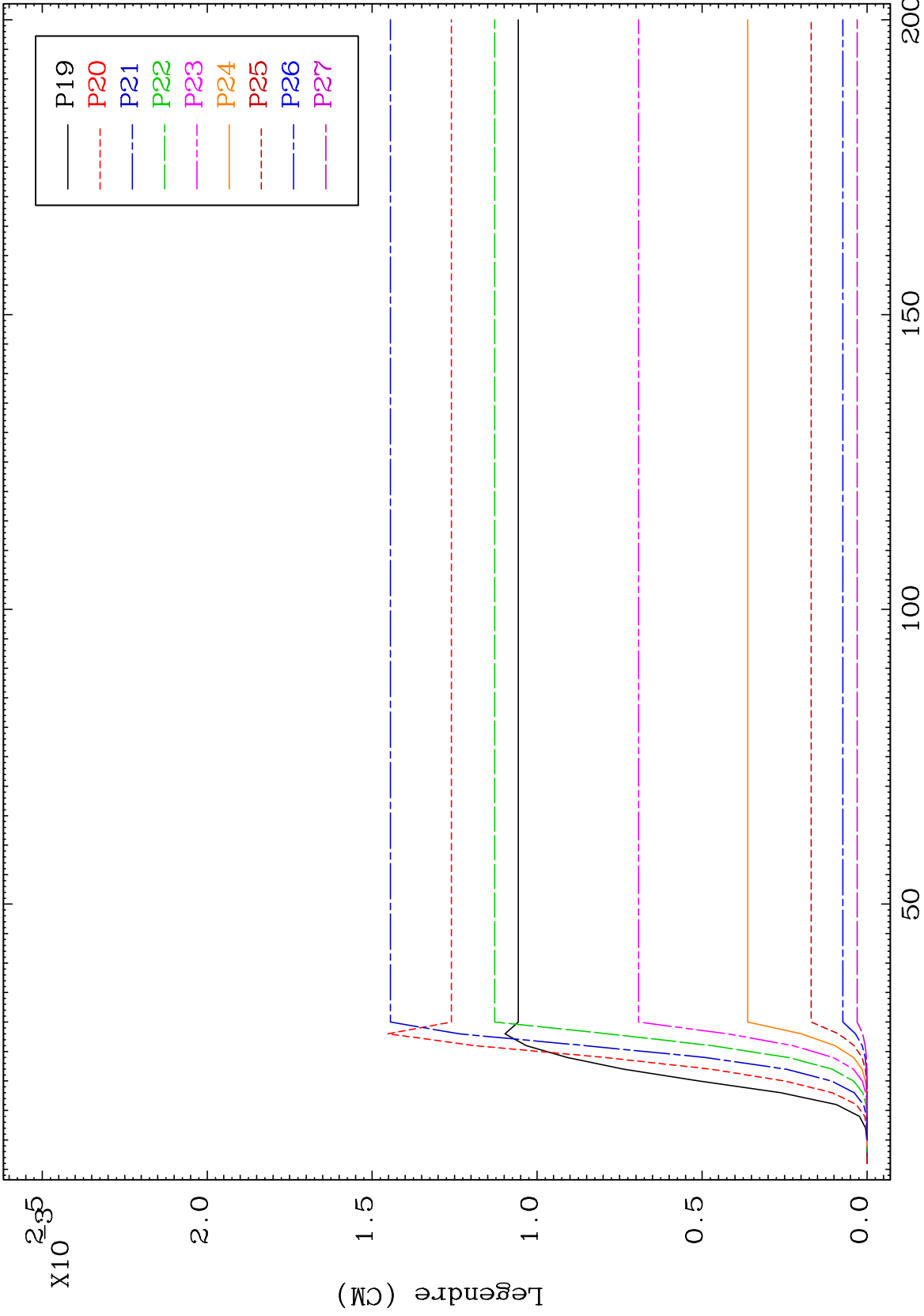
71-Lu-167







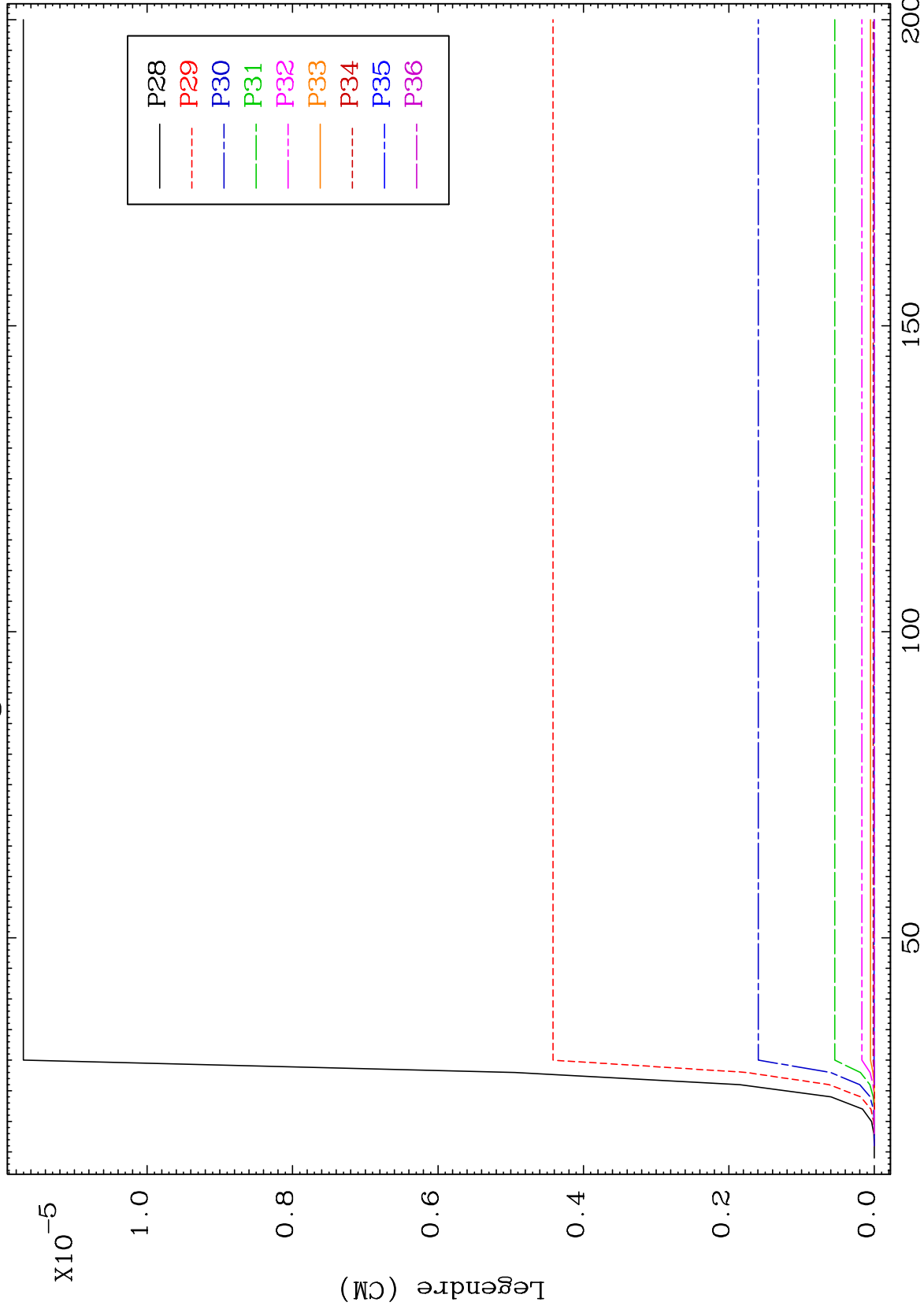




MAT 7101

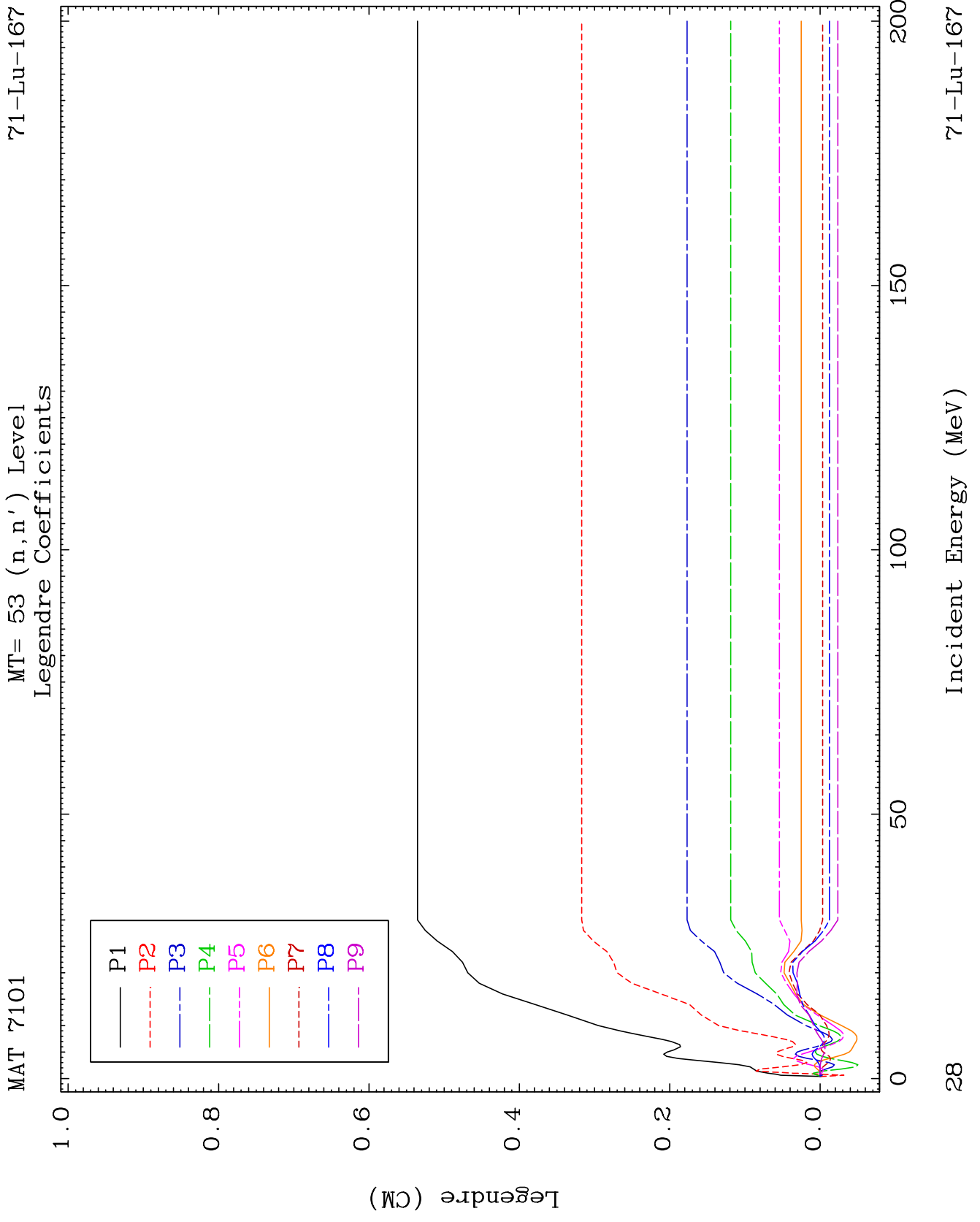
MT= 52 (n,n') Level  
Legendre Coefficients

71-Lu-167



27

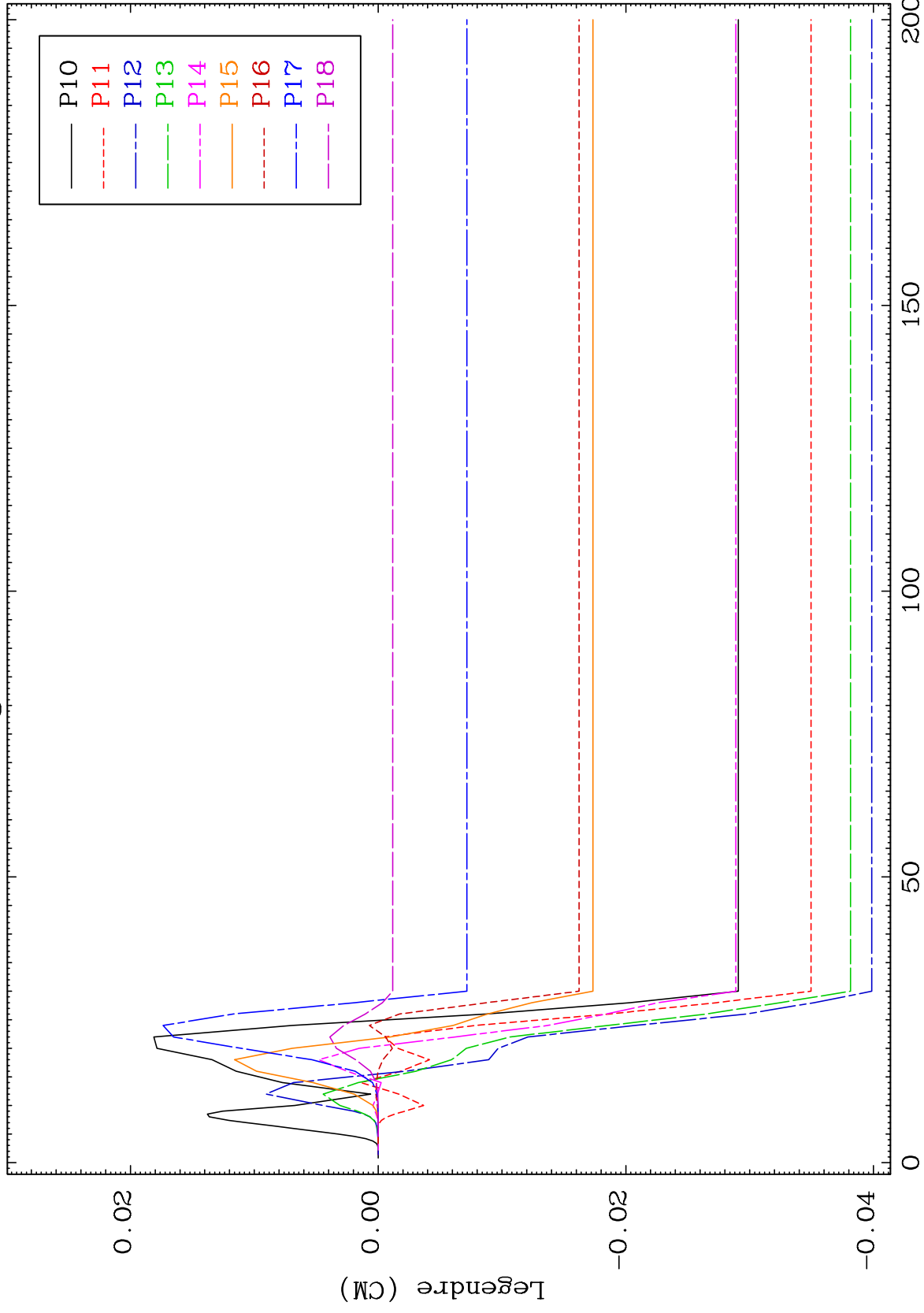
71-Lu-167



MAT 7101

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

71-Lu-167



29

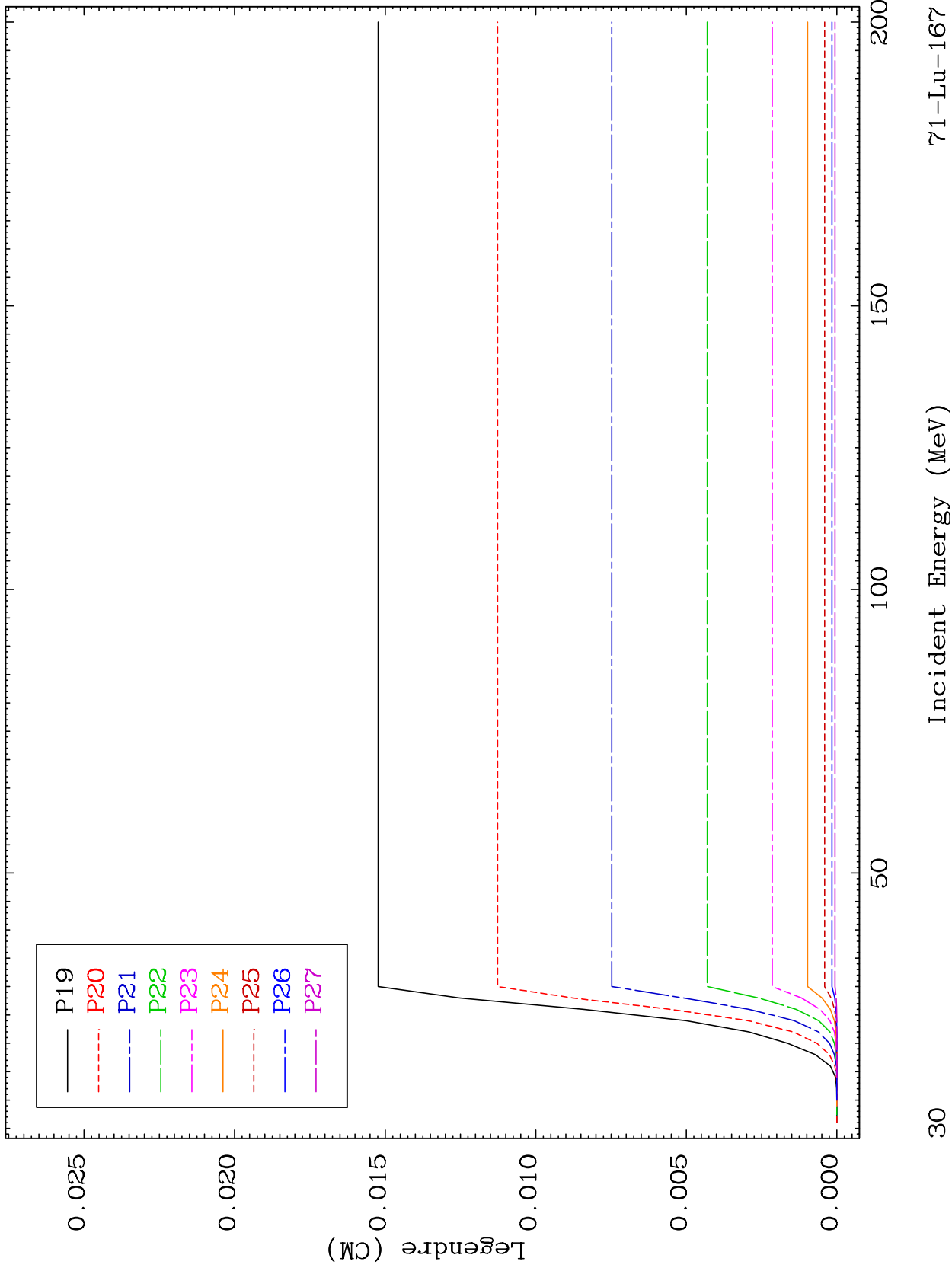
Incident Energy (MeV)

71-Lu-167

MAT 7101

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

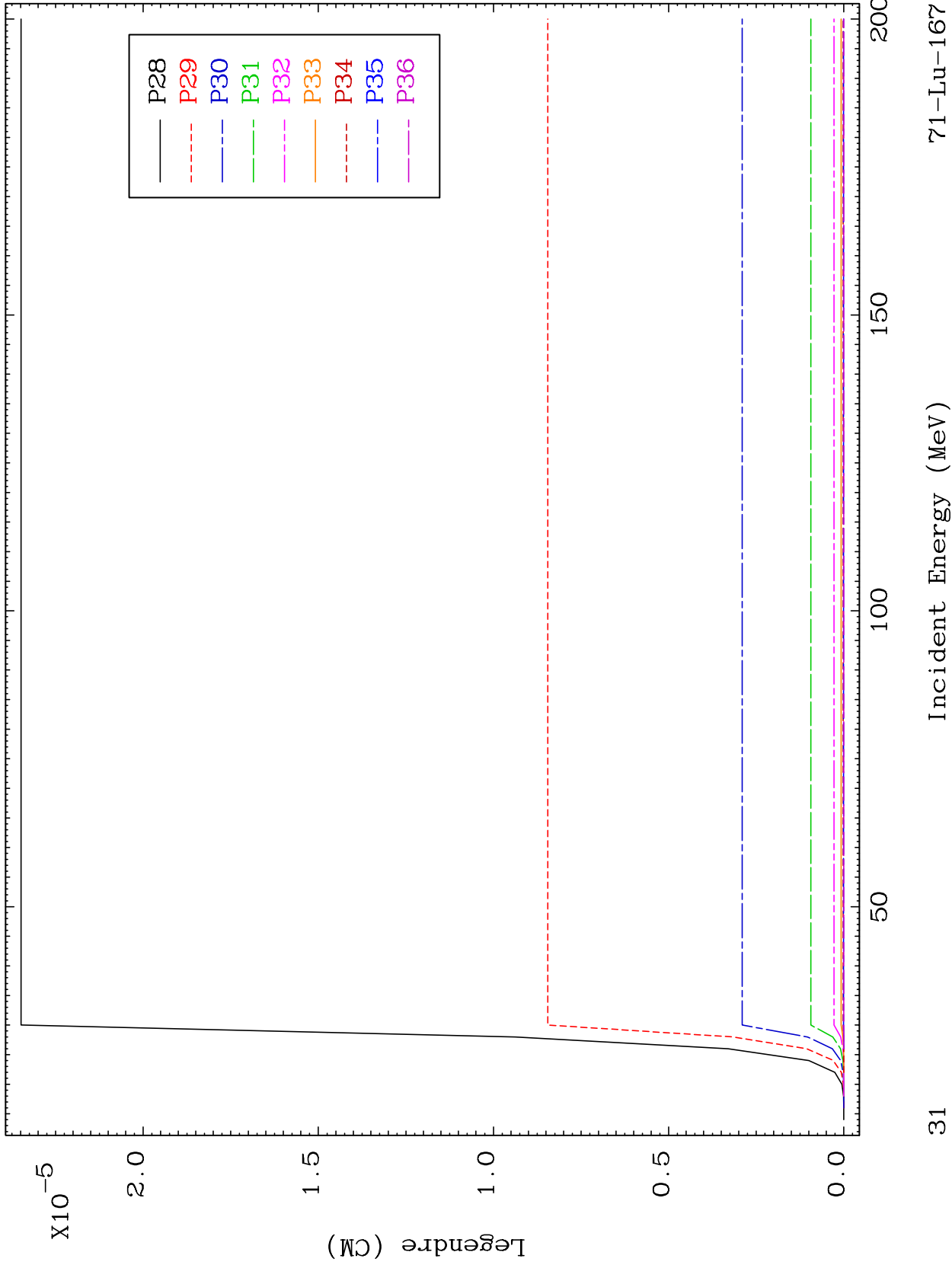
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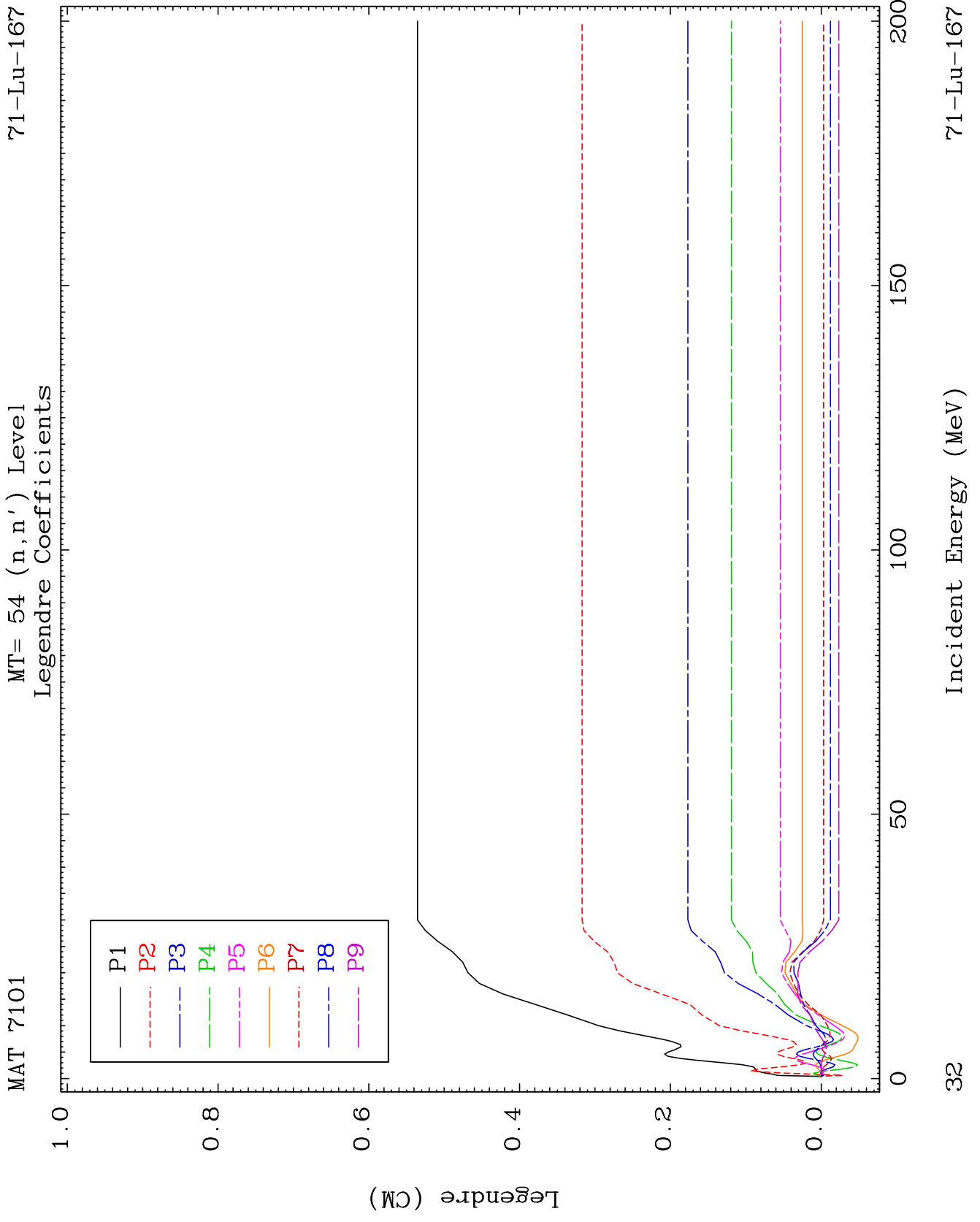


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Incident Energy (MeV)

71-Lu-167

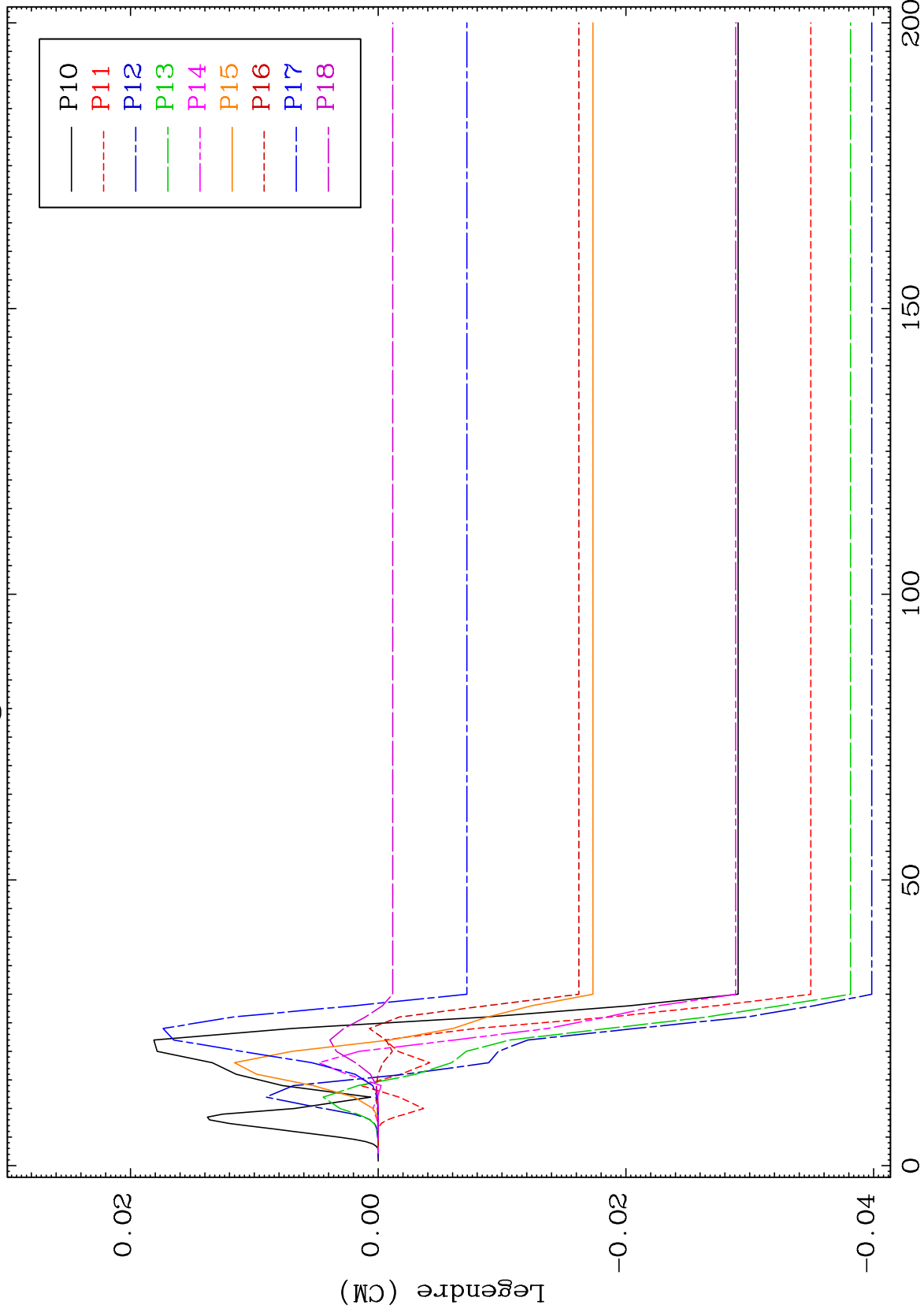




MAT 7101

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

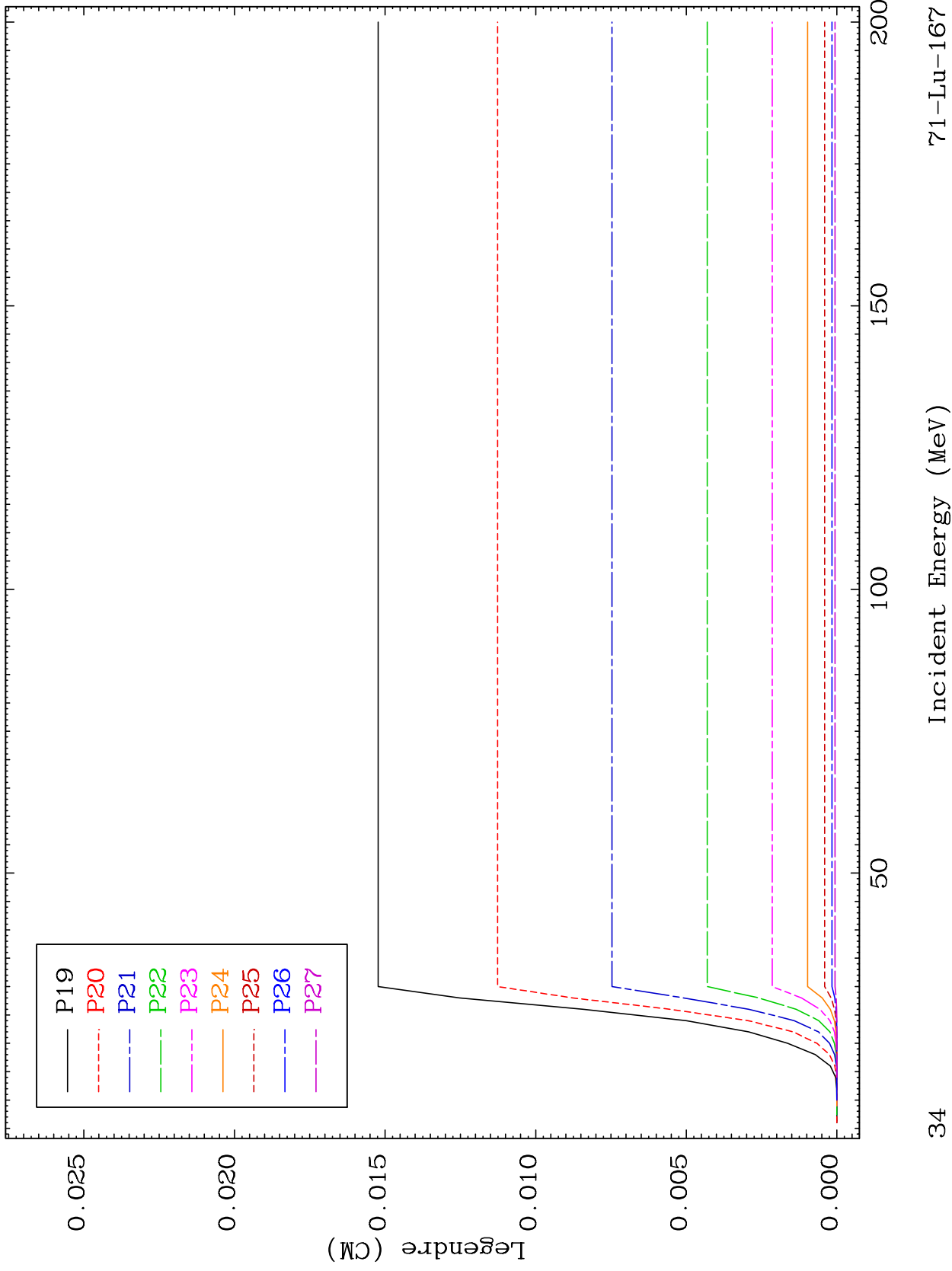
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33

Incident Energy (MeV)

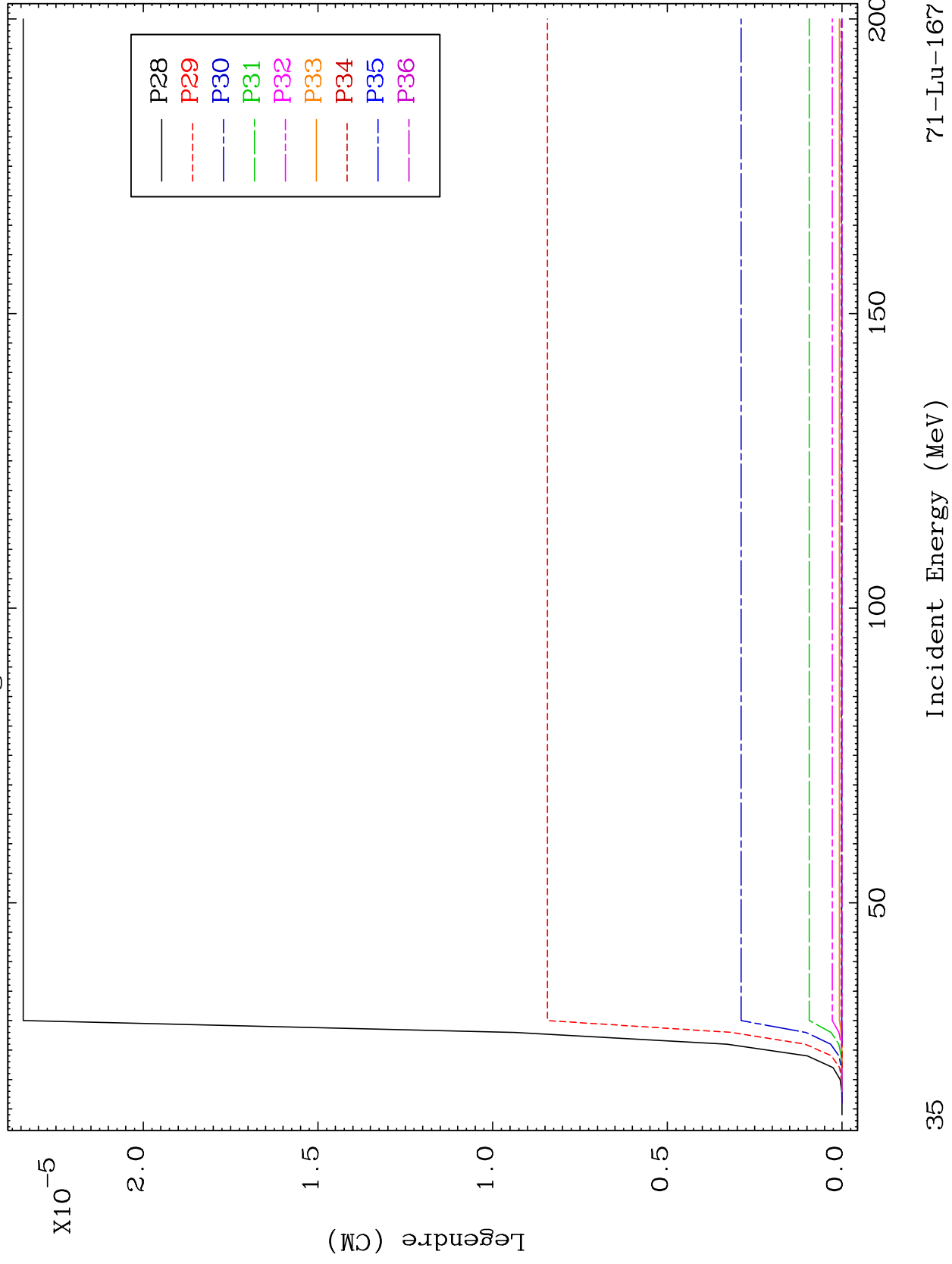
71-Lu-167



MAT 7101

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

71-Lu-167

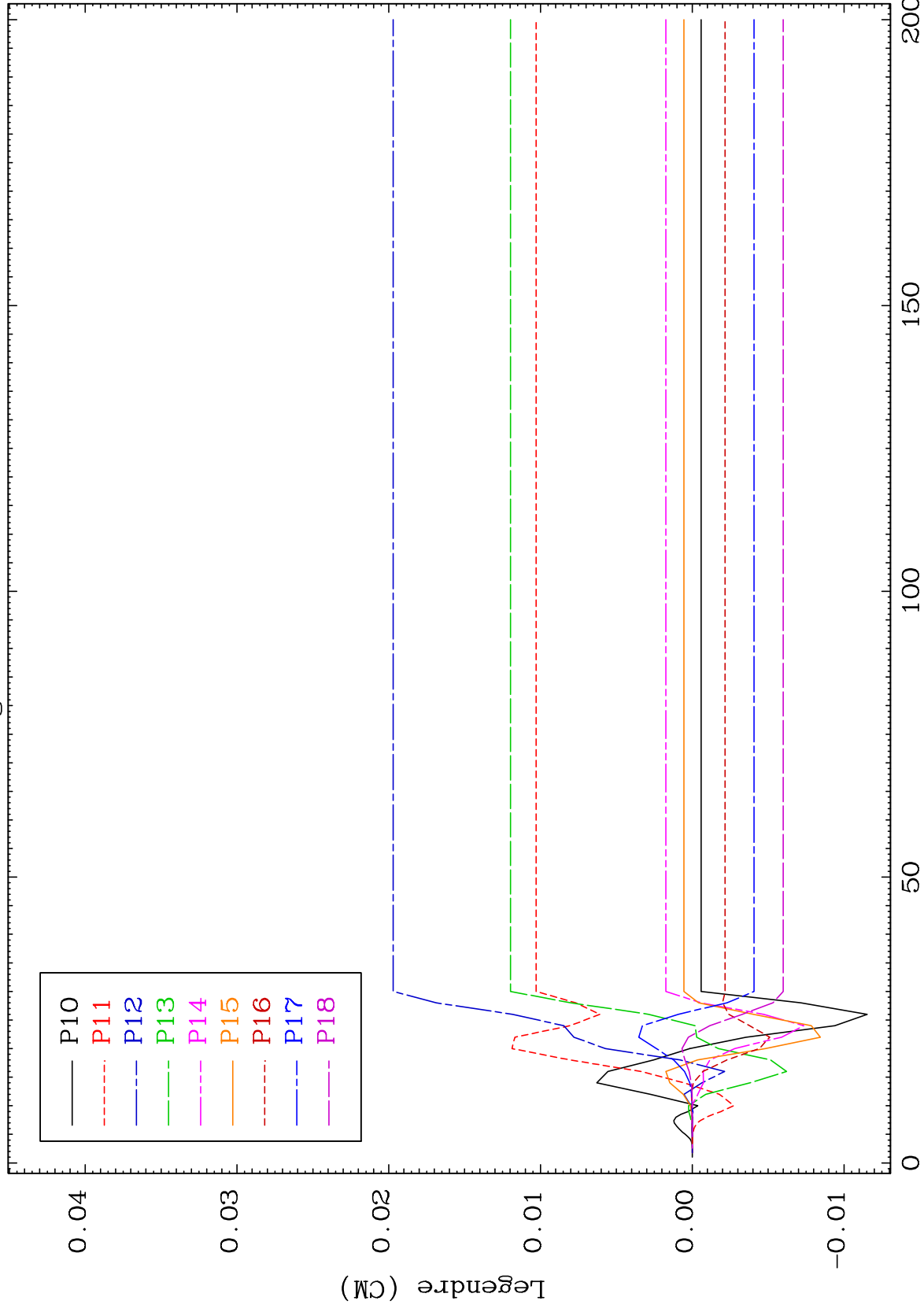




MAT 7101

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

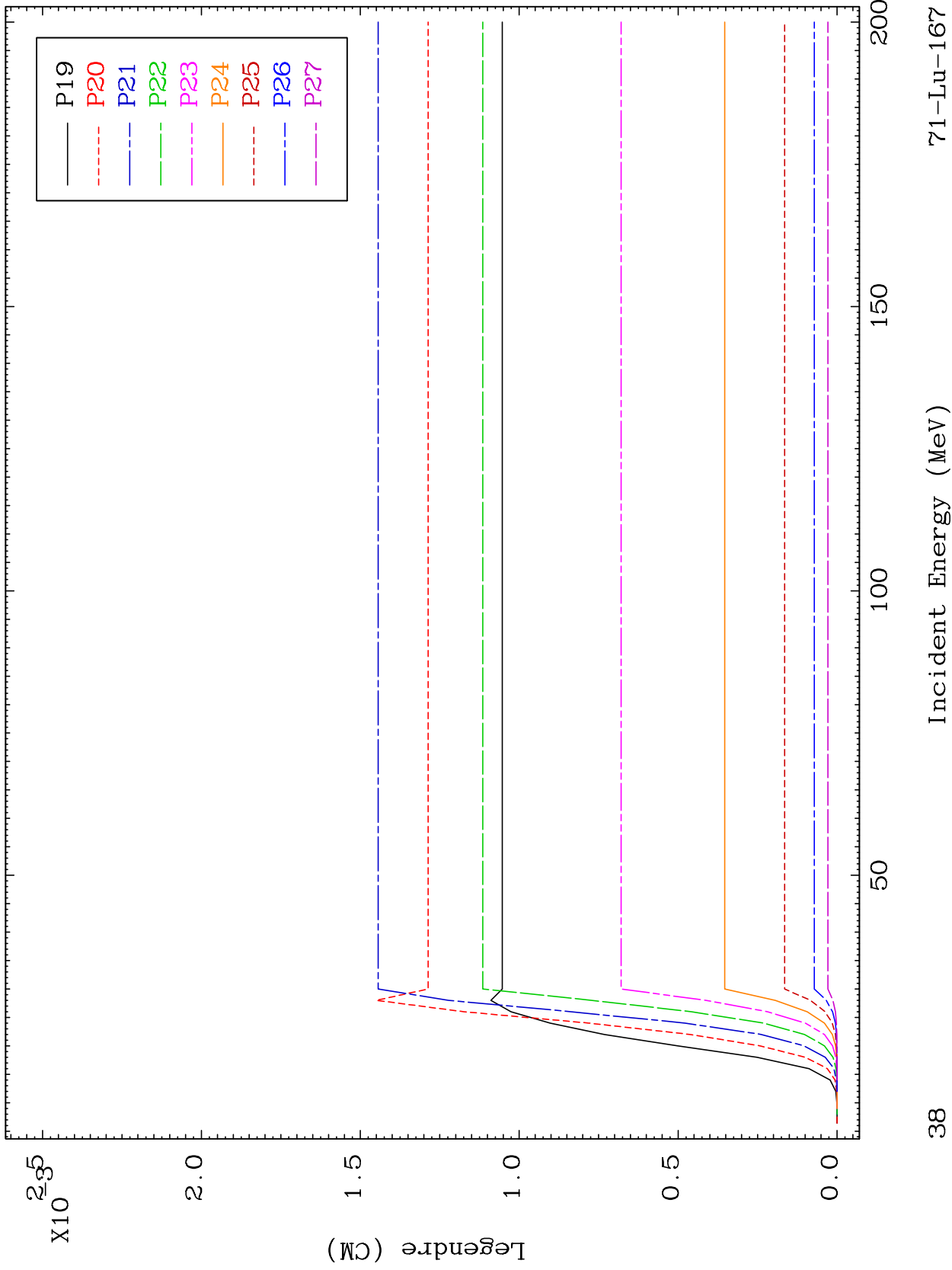
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37

Incident Energy (MeV)

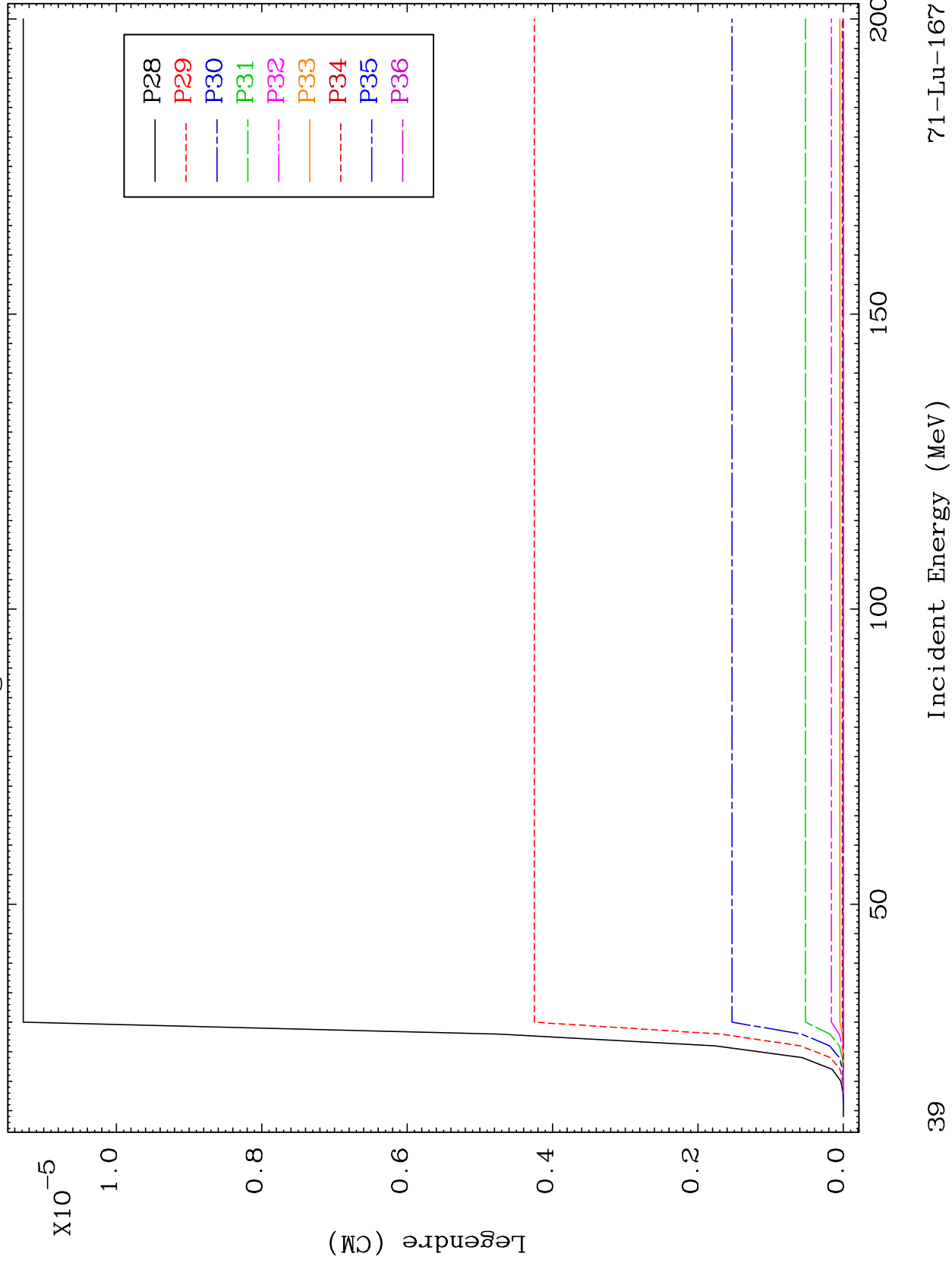
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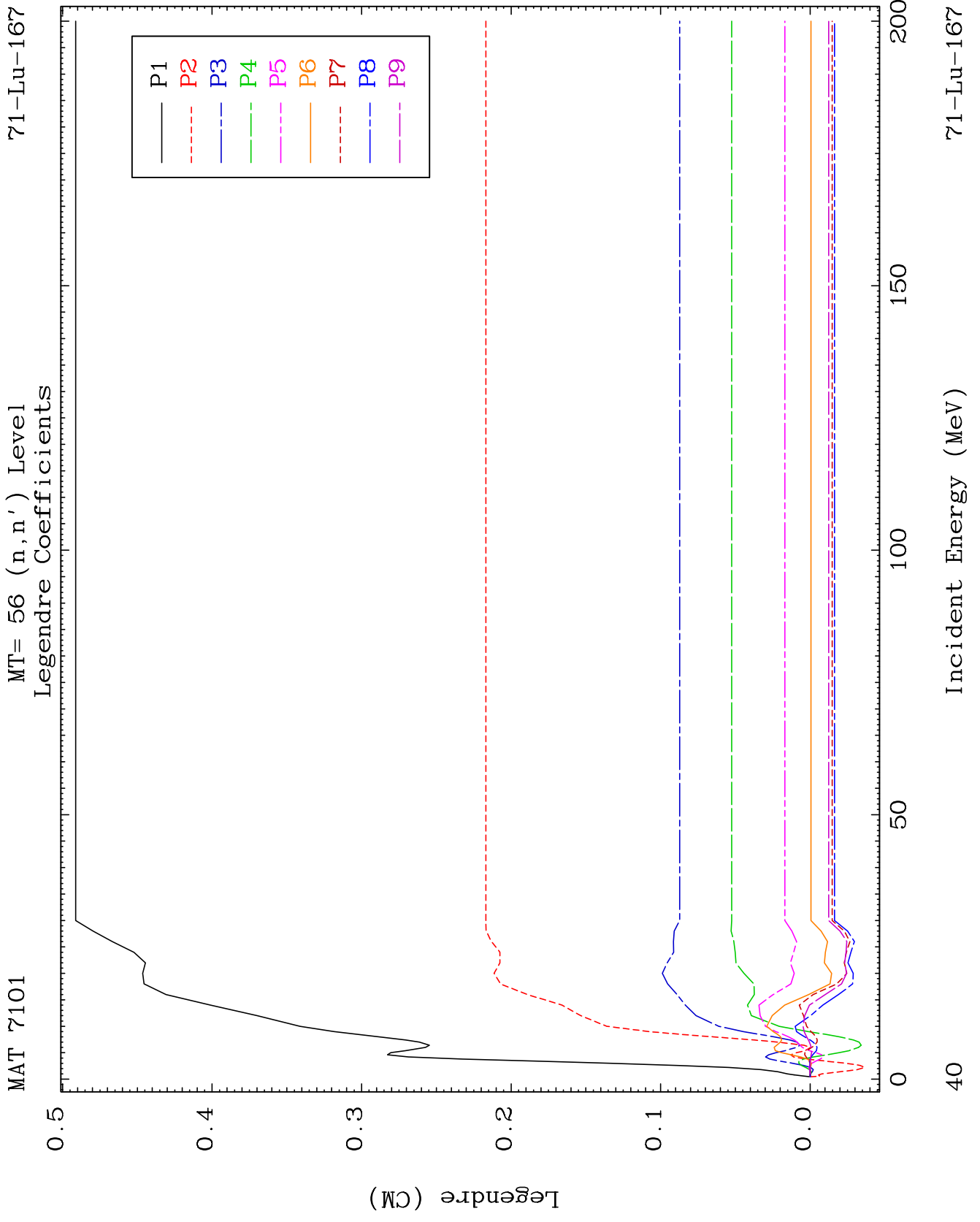


MAT 7101

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

71-Lu-167

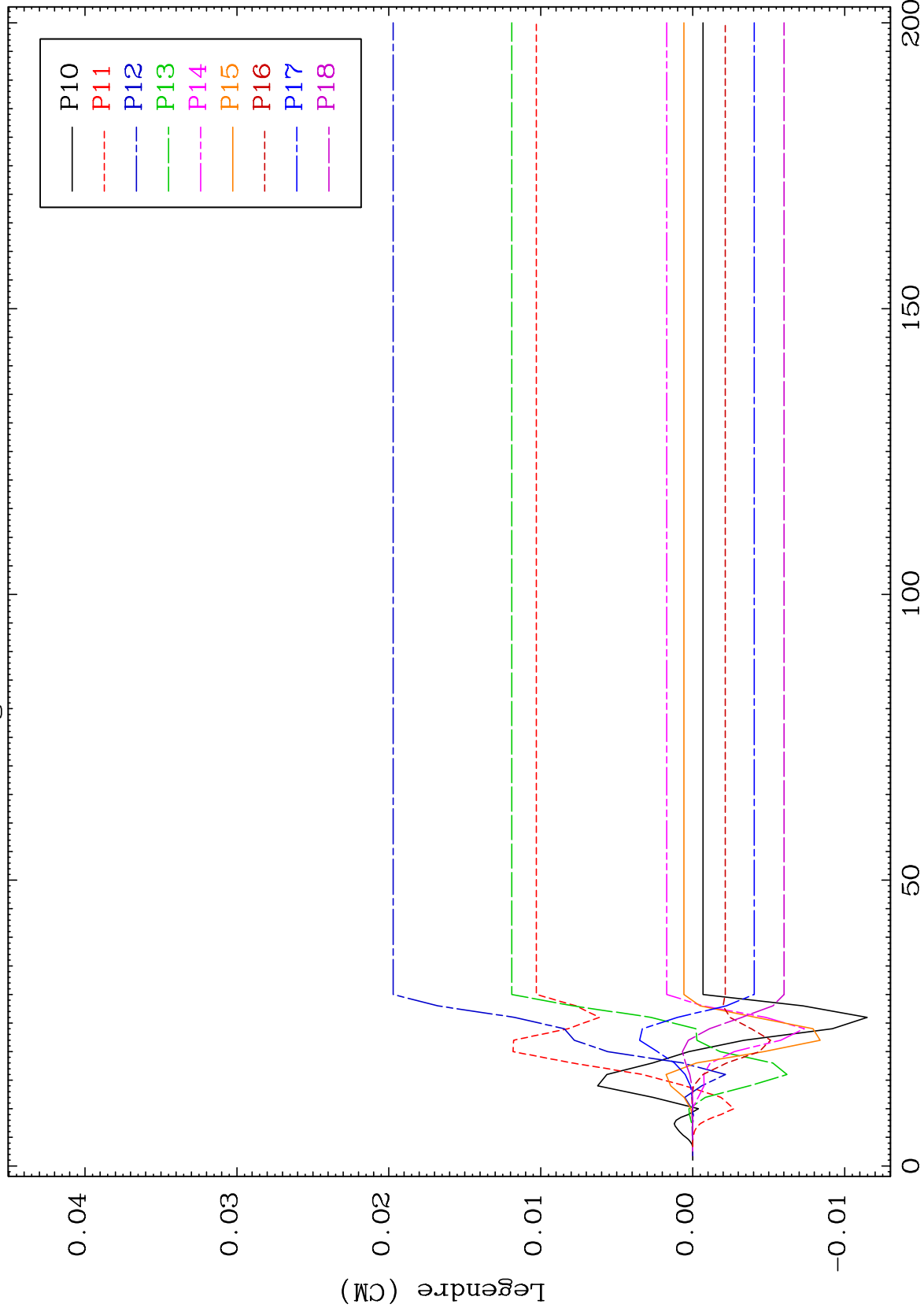




MAT 7101

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

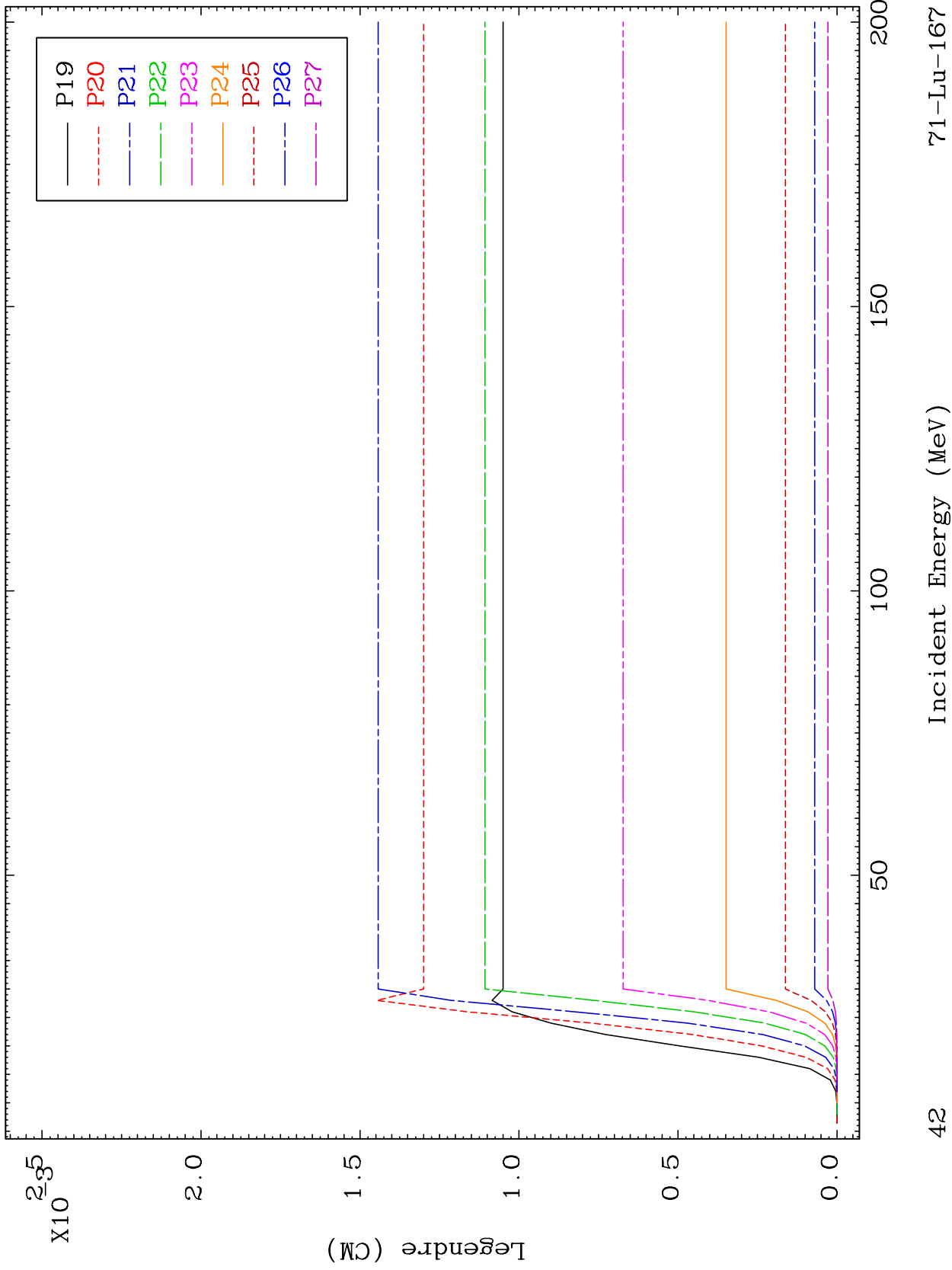
71-Lu-167



41

Incident Energy (MeV)

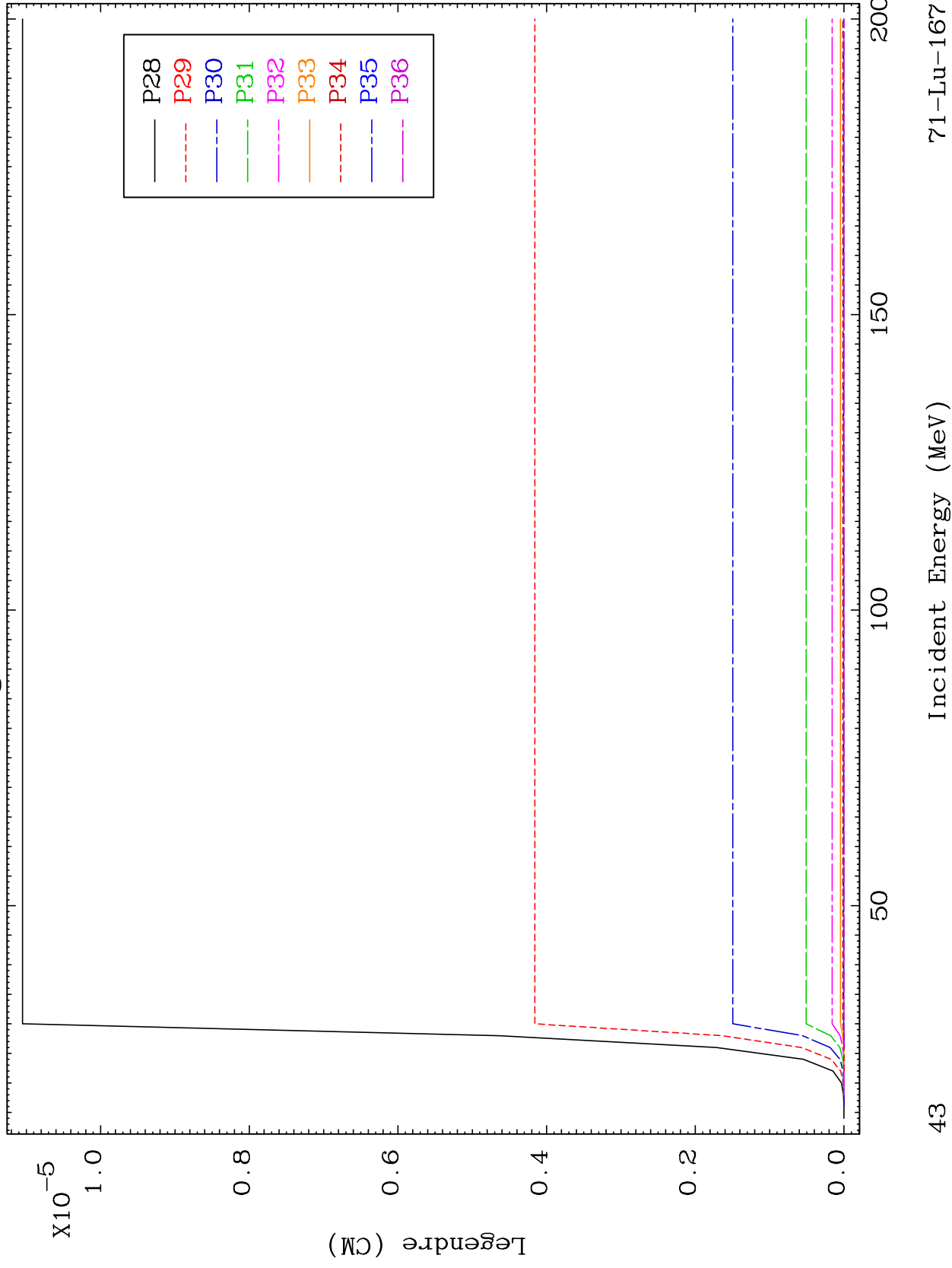
71-Lu-167



MAT 7101

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

71-Lu-167

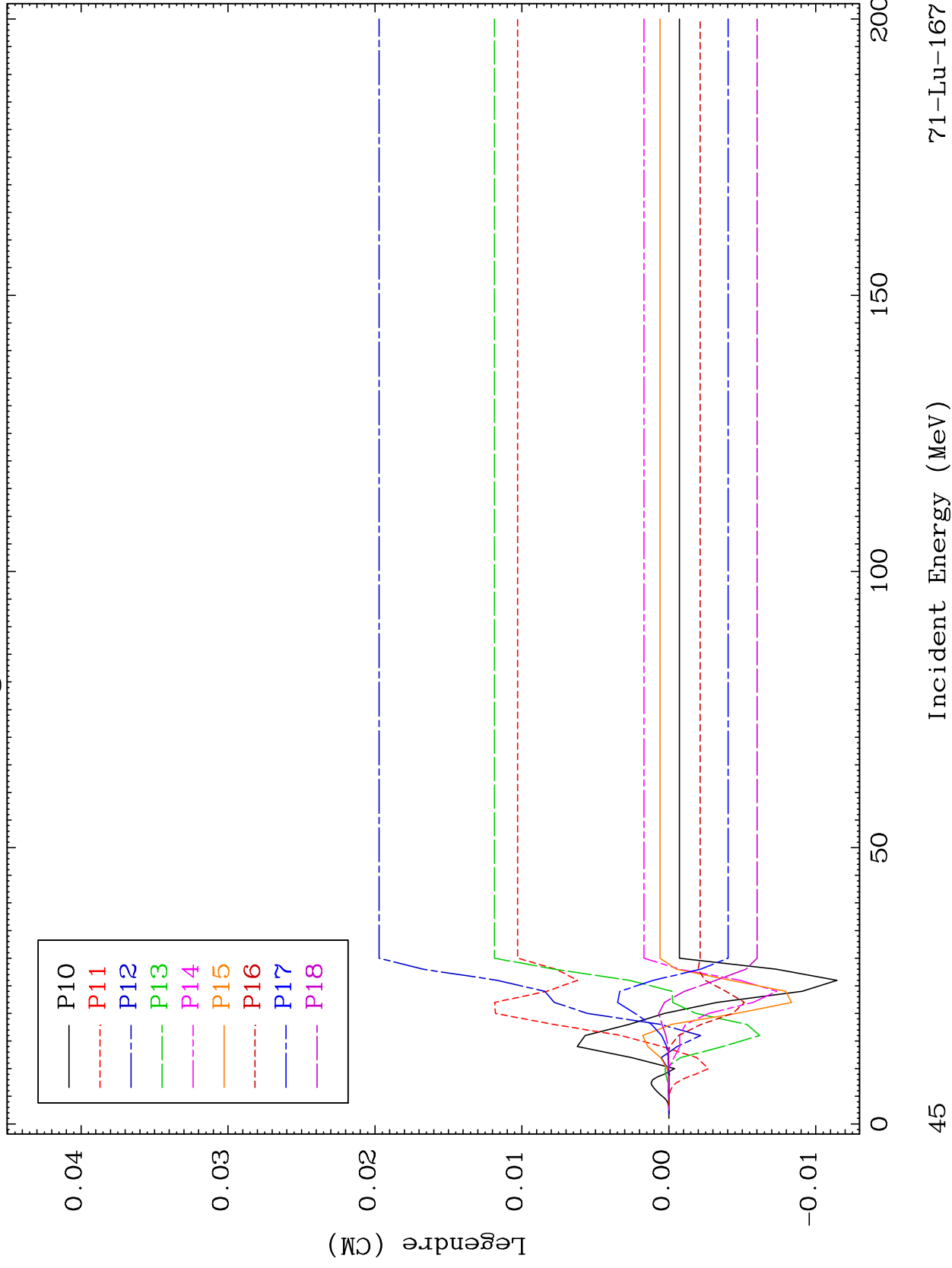




MAT 7101

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

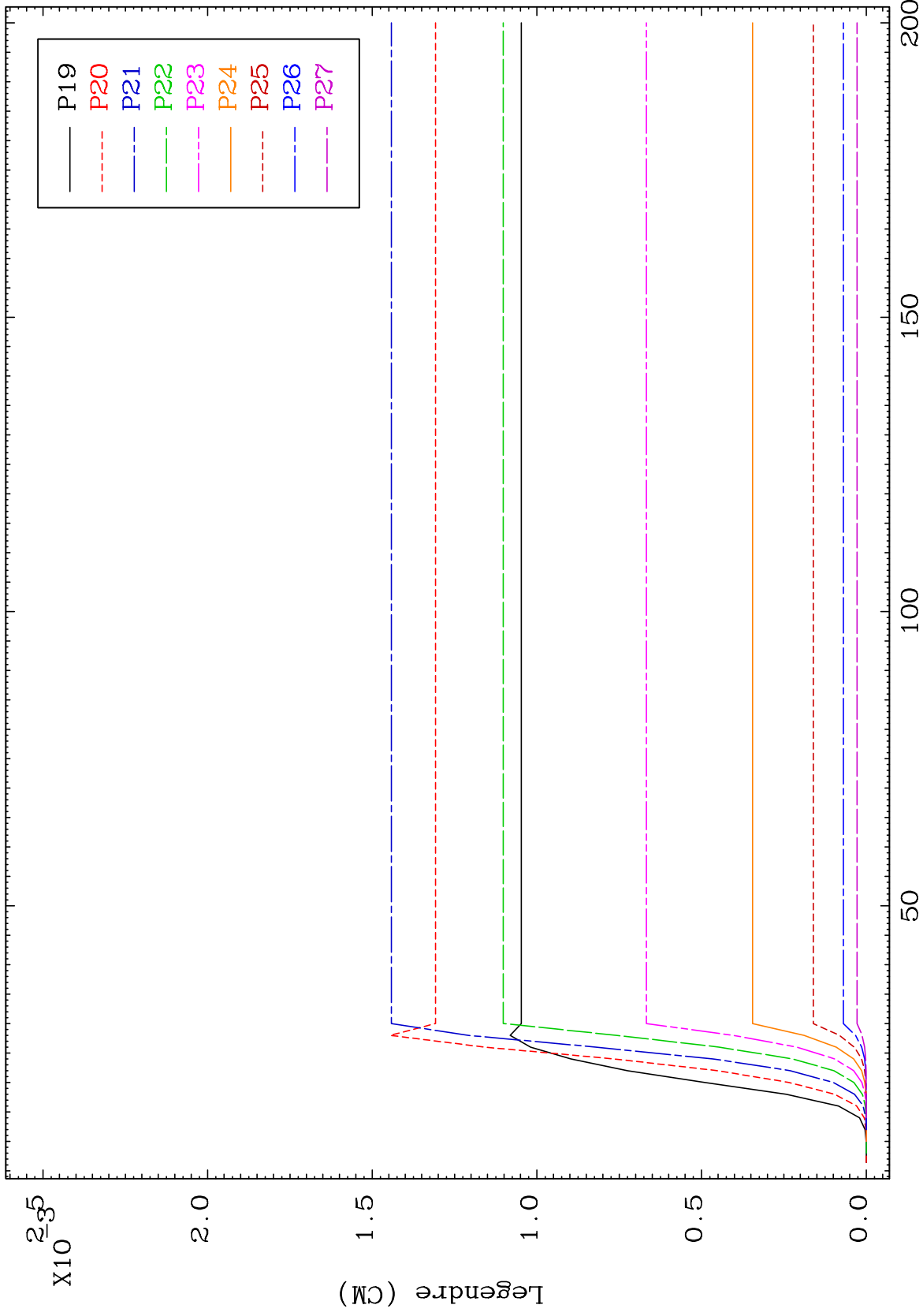
71-Lu-167

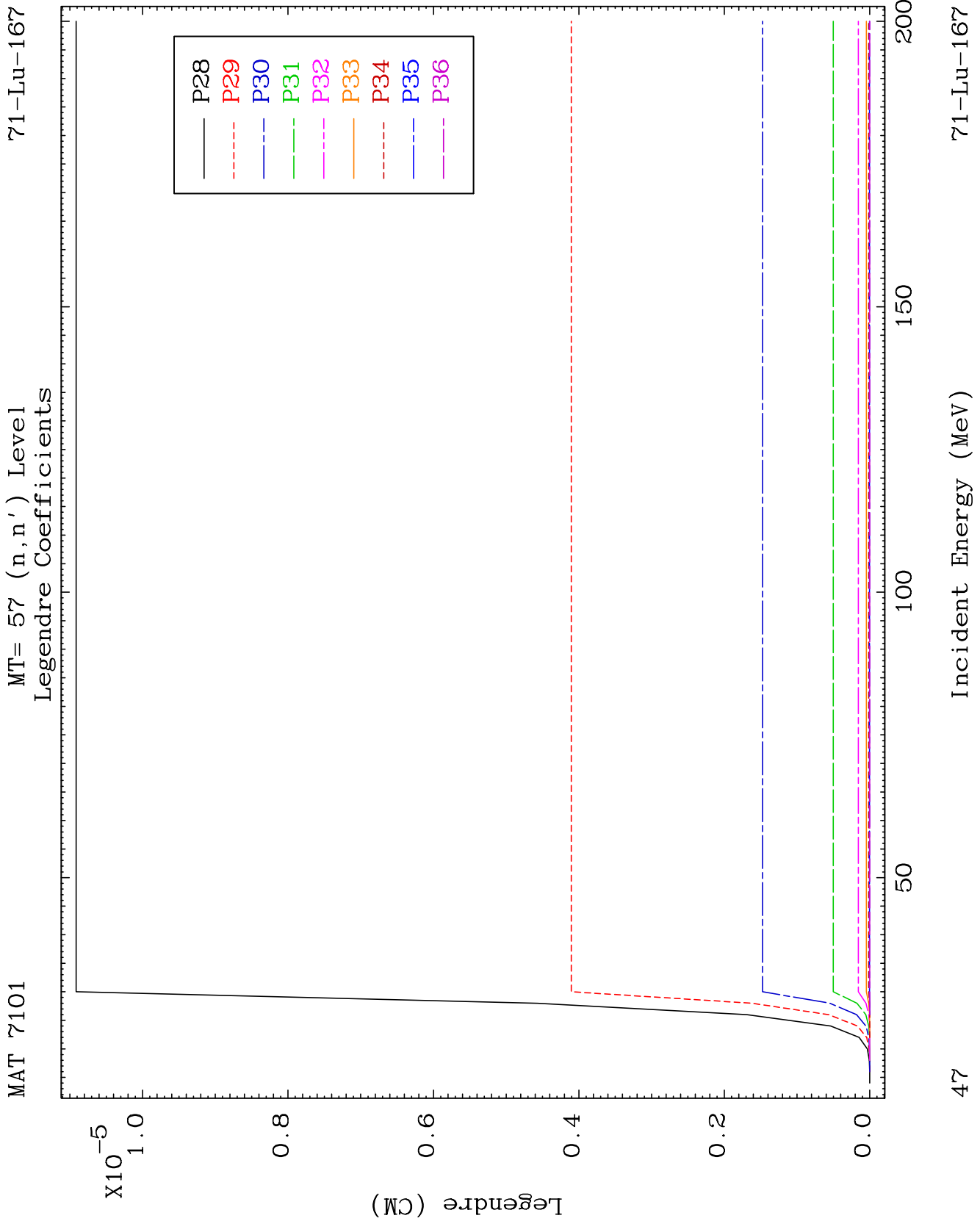


71-Lu-167

Incident Energy (MeV)

45

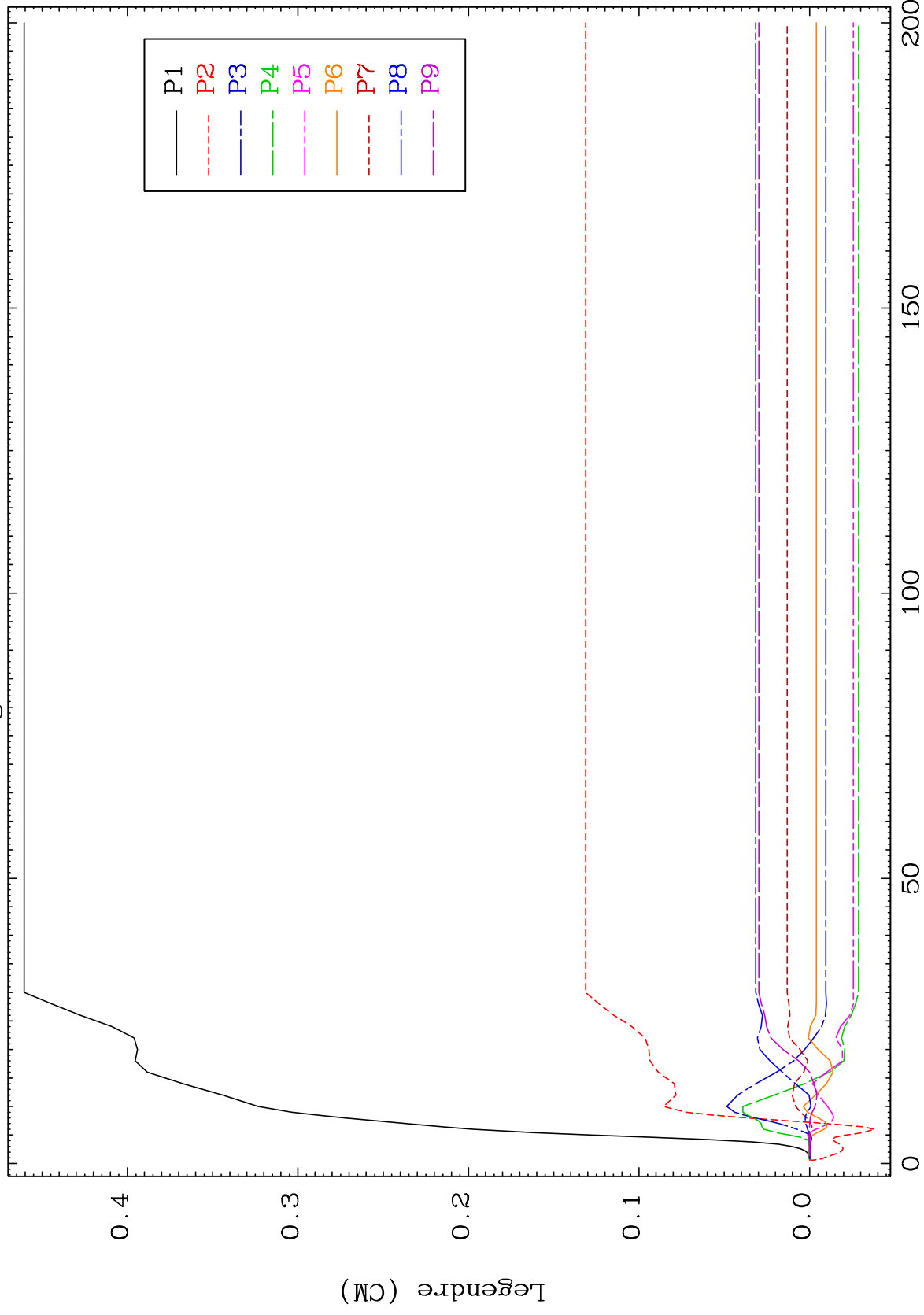




MAT 7101

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

71-Lu-167



48

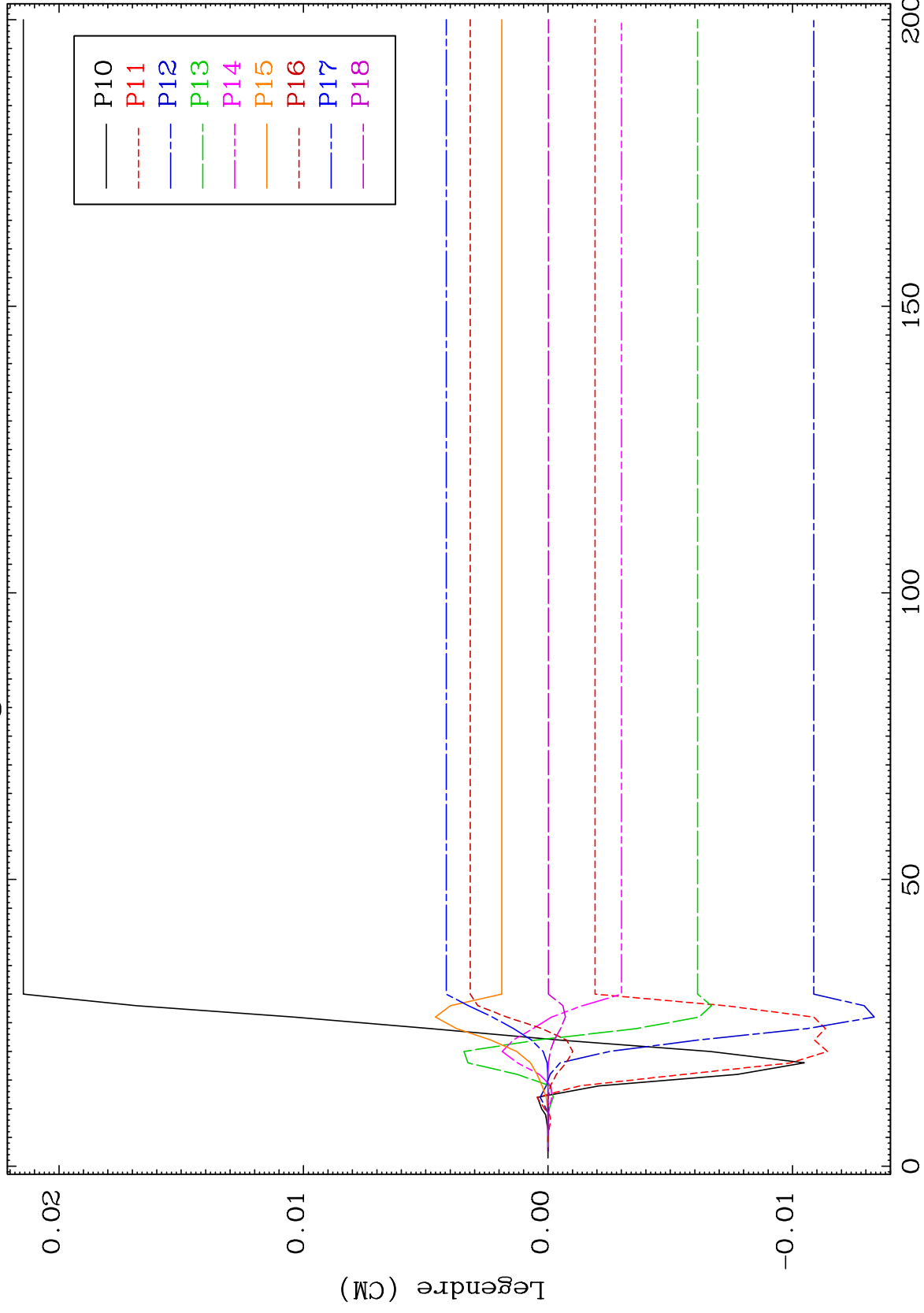
Incident Energy (MeV)

71-Lu-167

MAT 7101

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

71-Lu-167



49

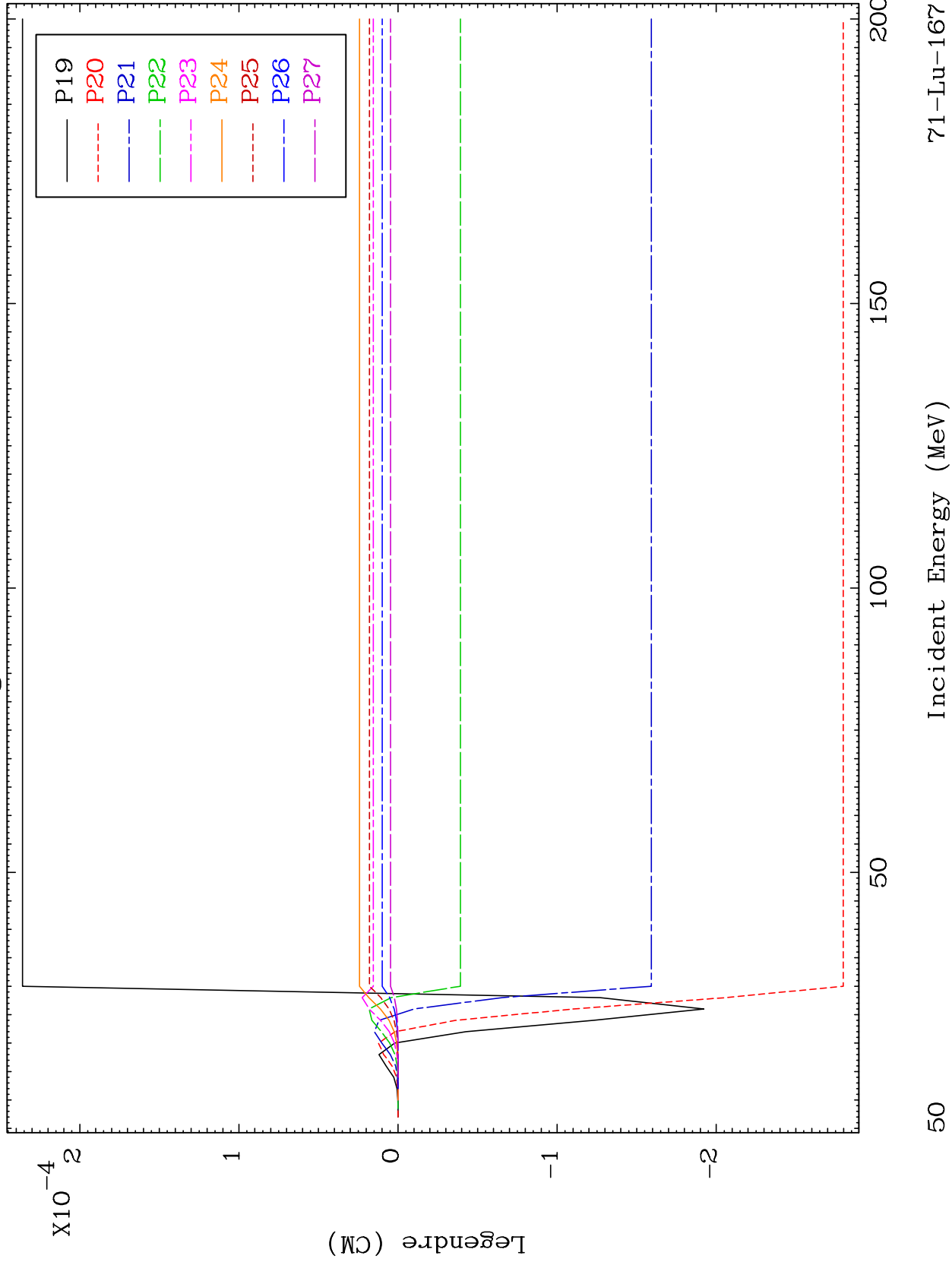
Incident Energy (MeV)

71-Lu-167

MAT 7101

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

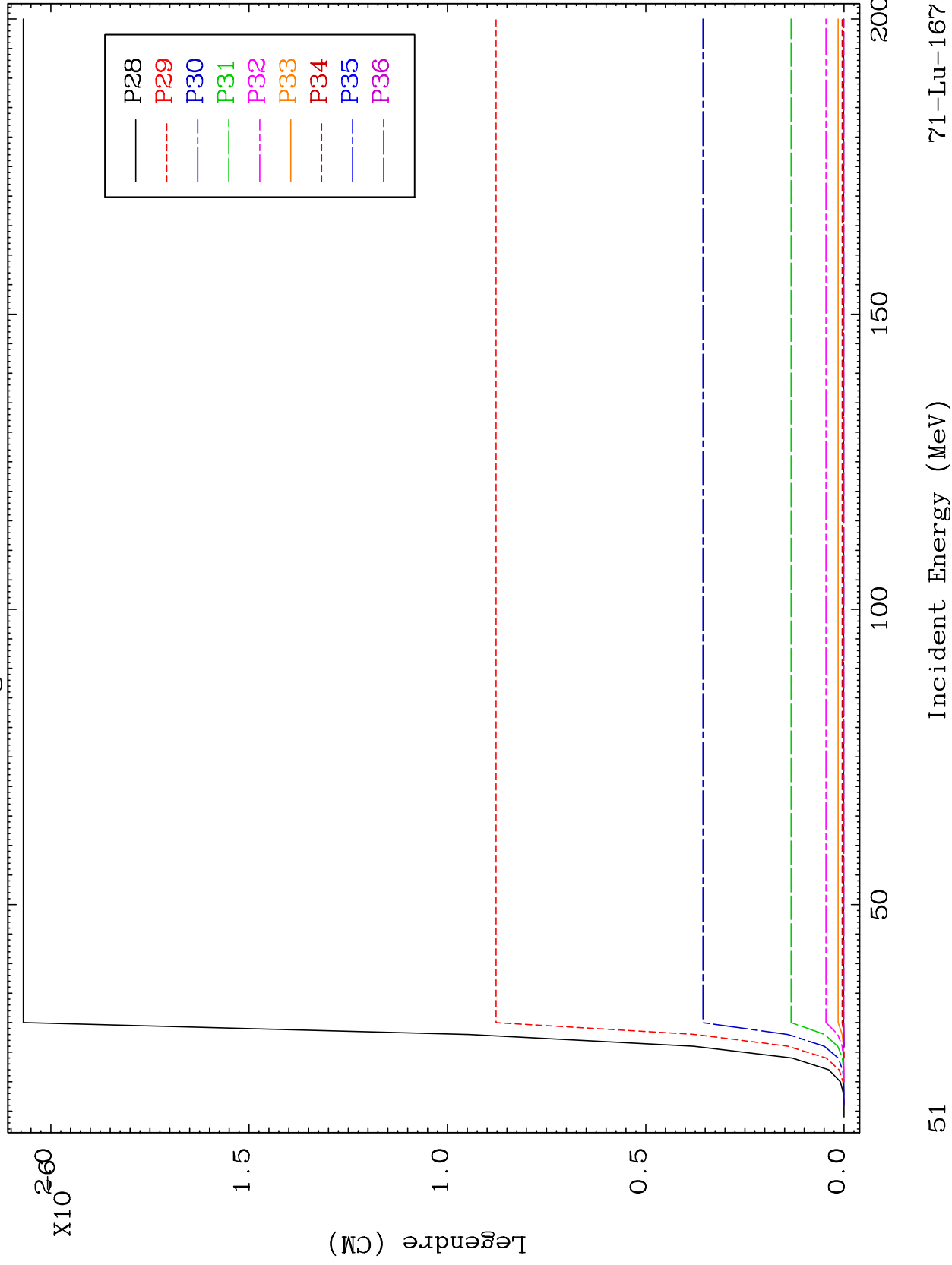
71-Lu-167



MAT 7101

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

71-Lu-167

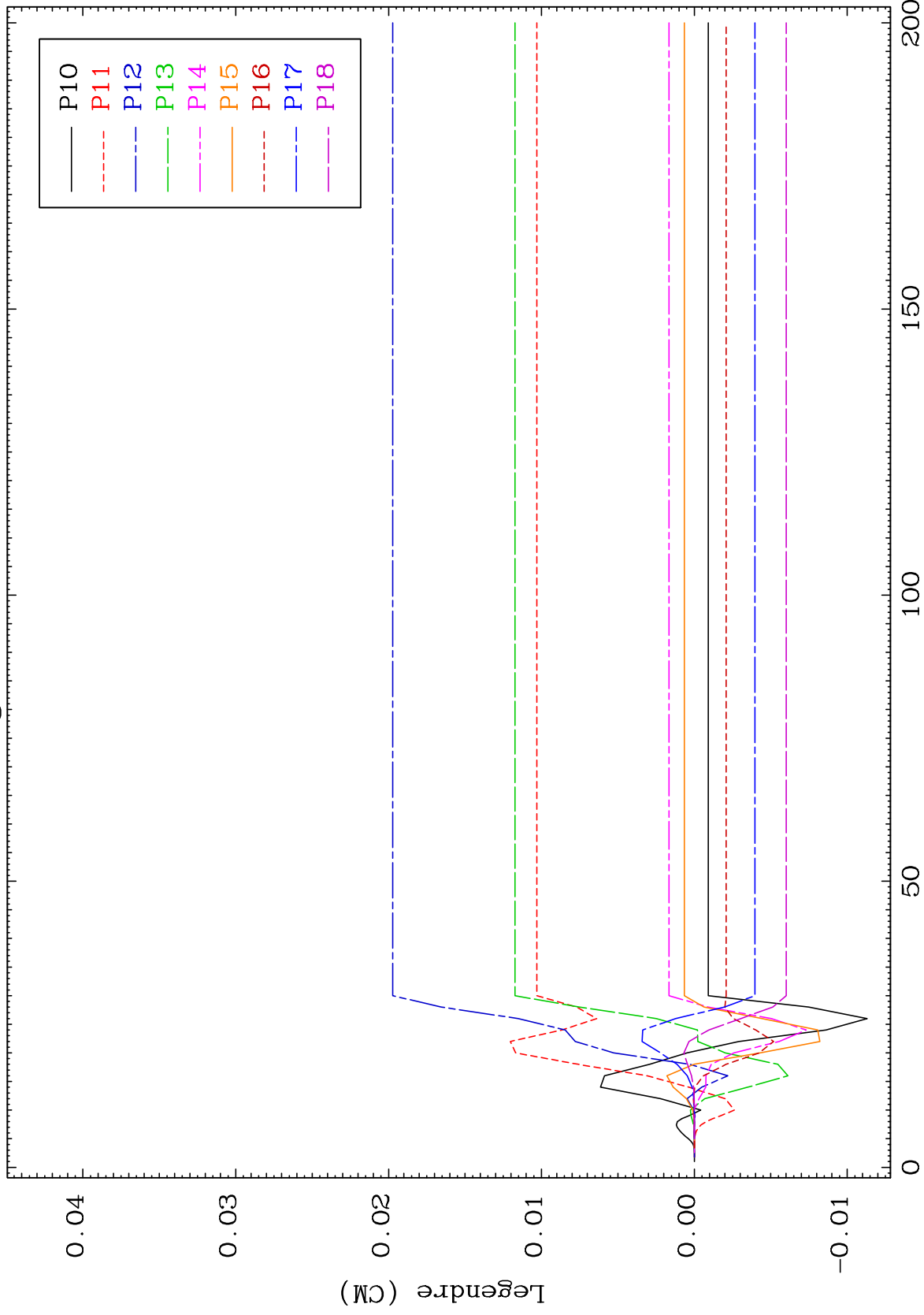


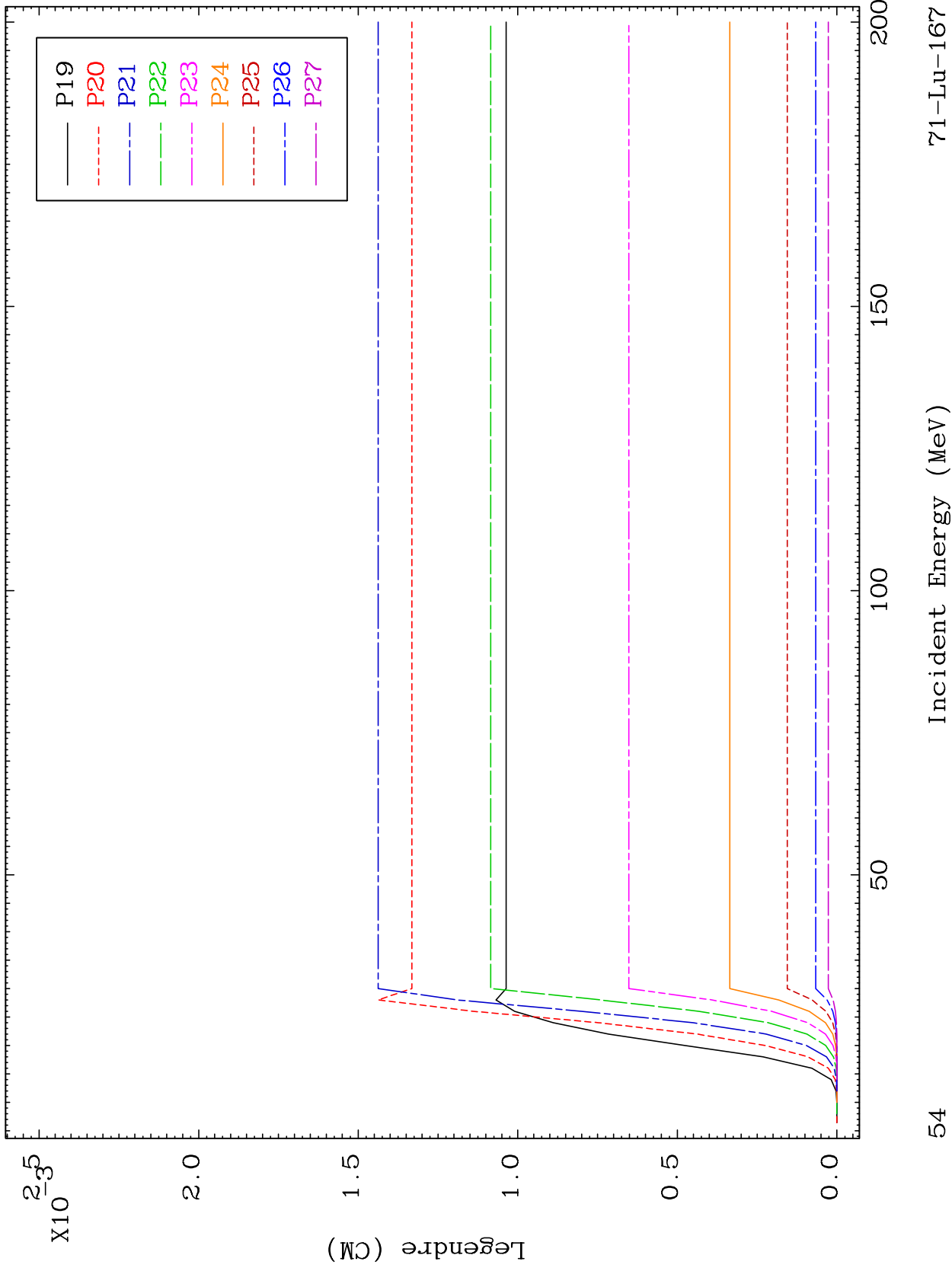
51

Incident Energy (MeV)

71-Lu-167



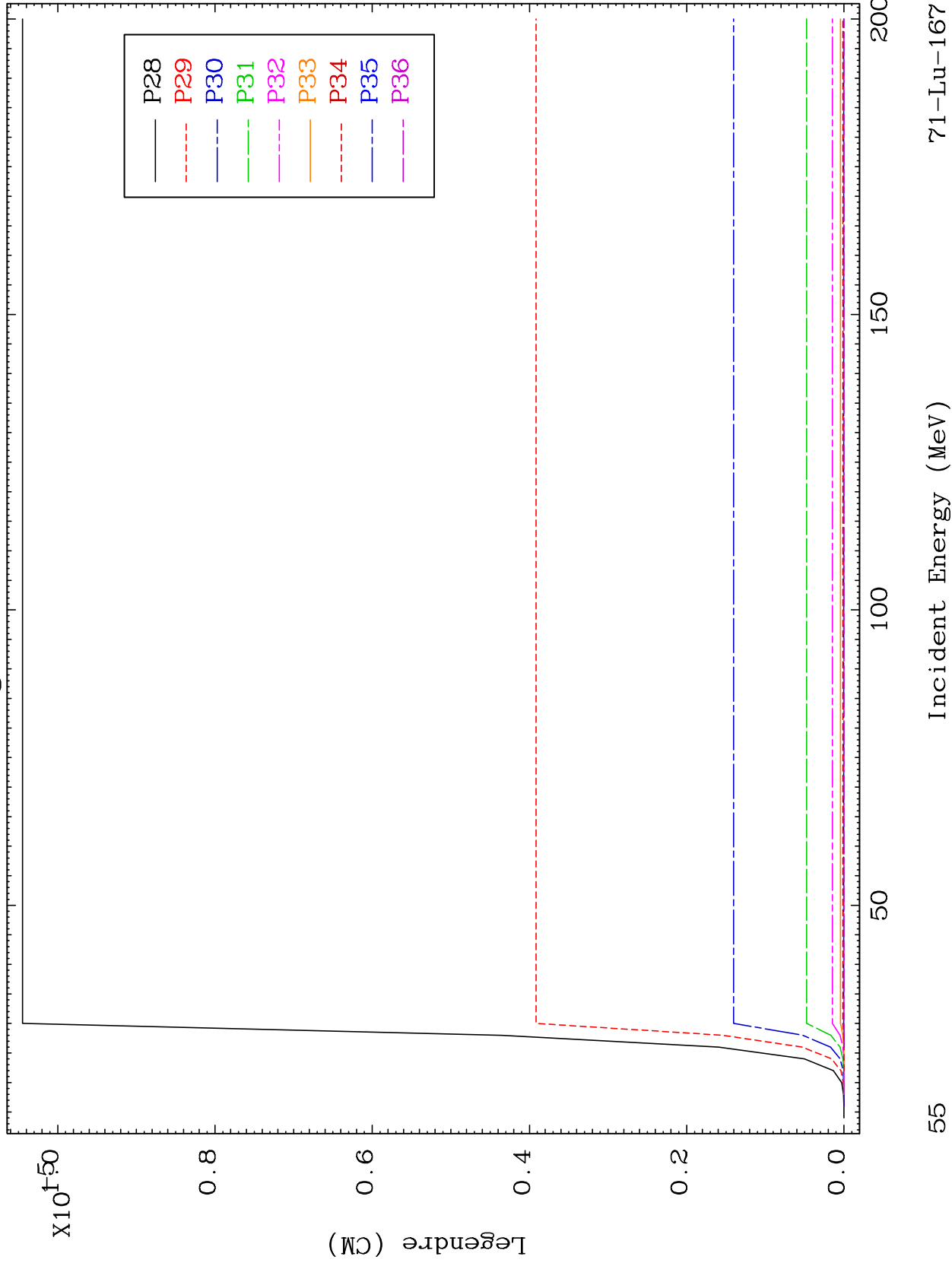




MAT 7101

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

71-Lu-167



55

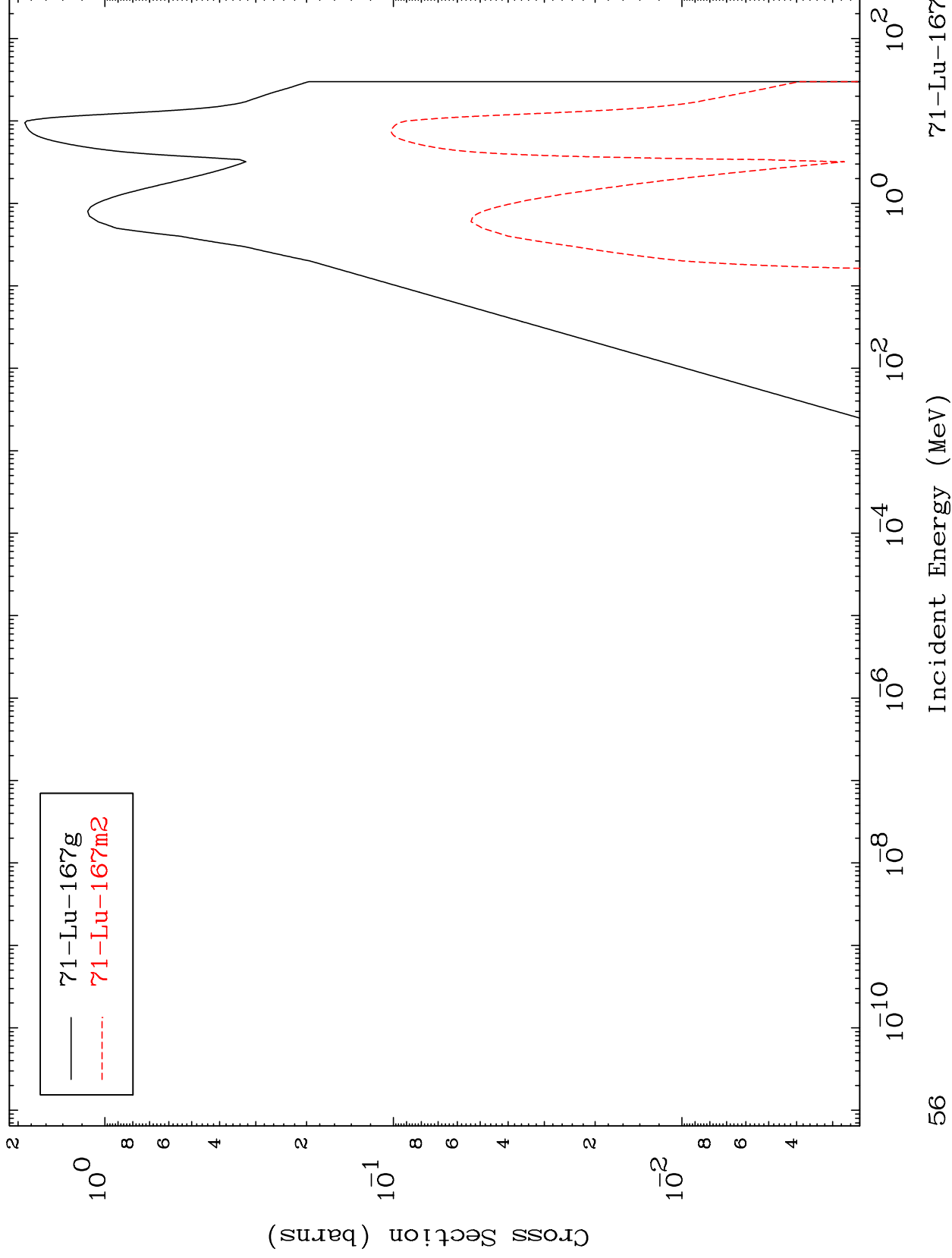
Incident Energy (MeV)

71-Lu-167

MAT 7101

Inelastic  
Radionuclide Production Cross Section

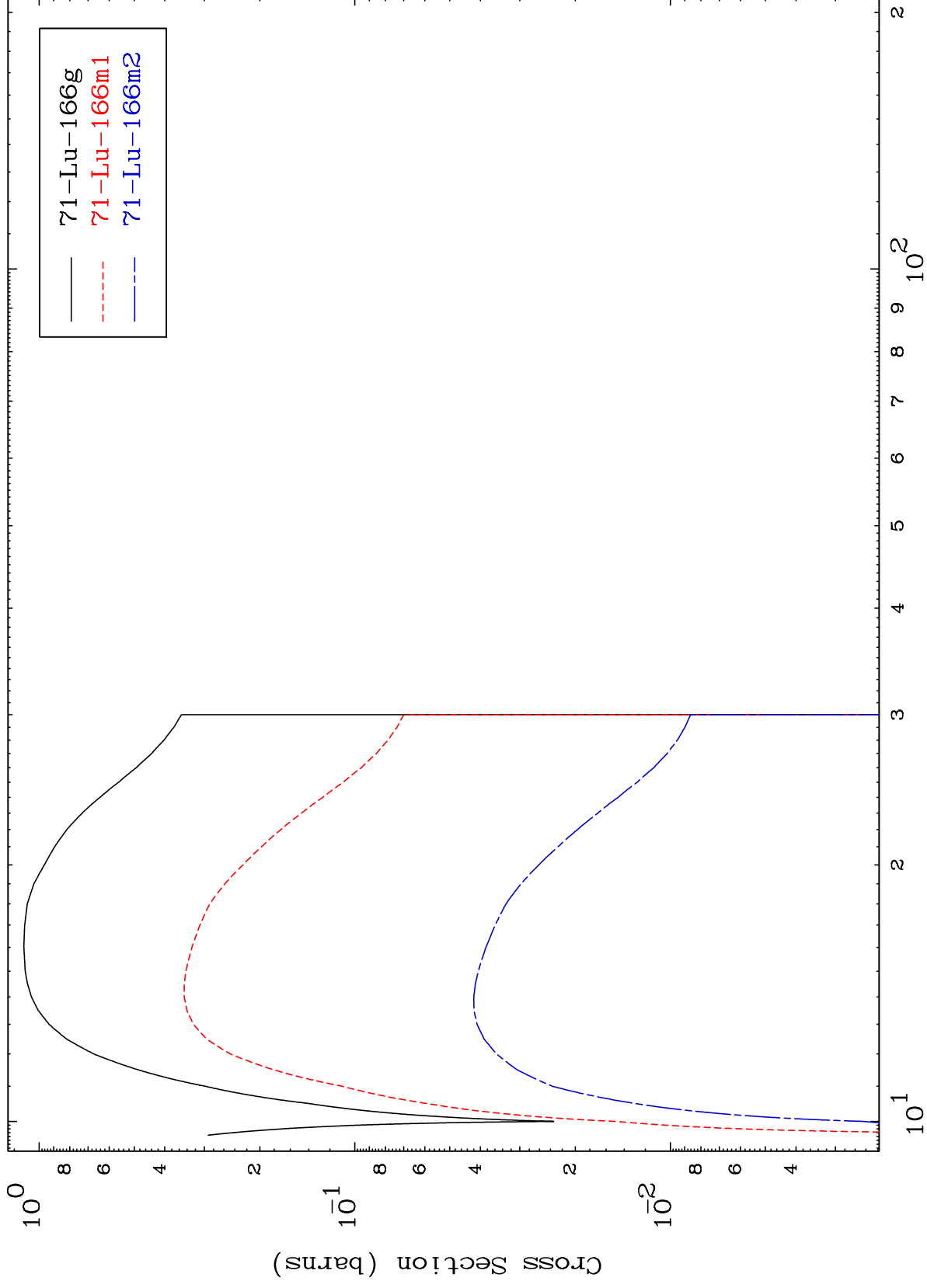
<sup>71</sup>Lu-167



MAT 7101

71-Lu-167

(n,2n)  
Radionuclide Production Cross Section



71-Lu-167

Incident Energy (MeV)

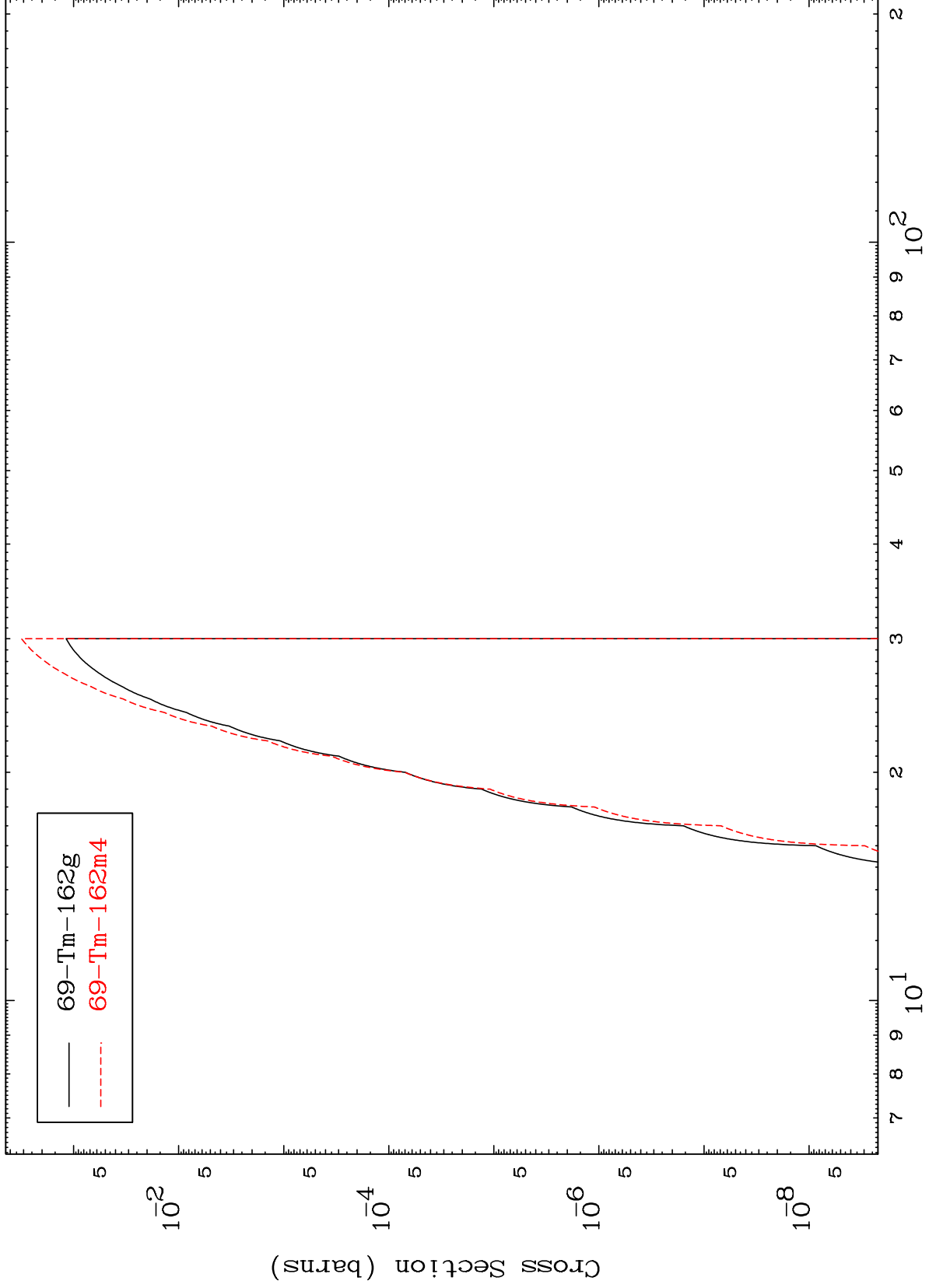
57

MAT 7101

71-Lu-167

(n,2n)  $\alpha$

Radionuclide Production Cross Section



58

Incident Energy (MeV)

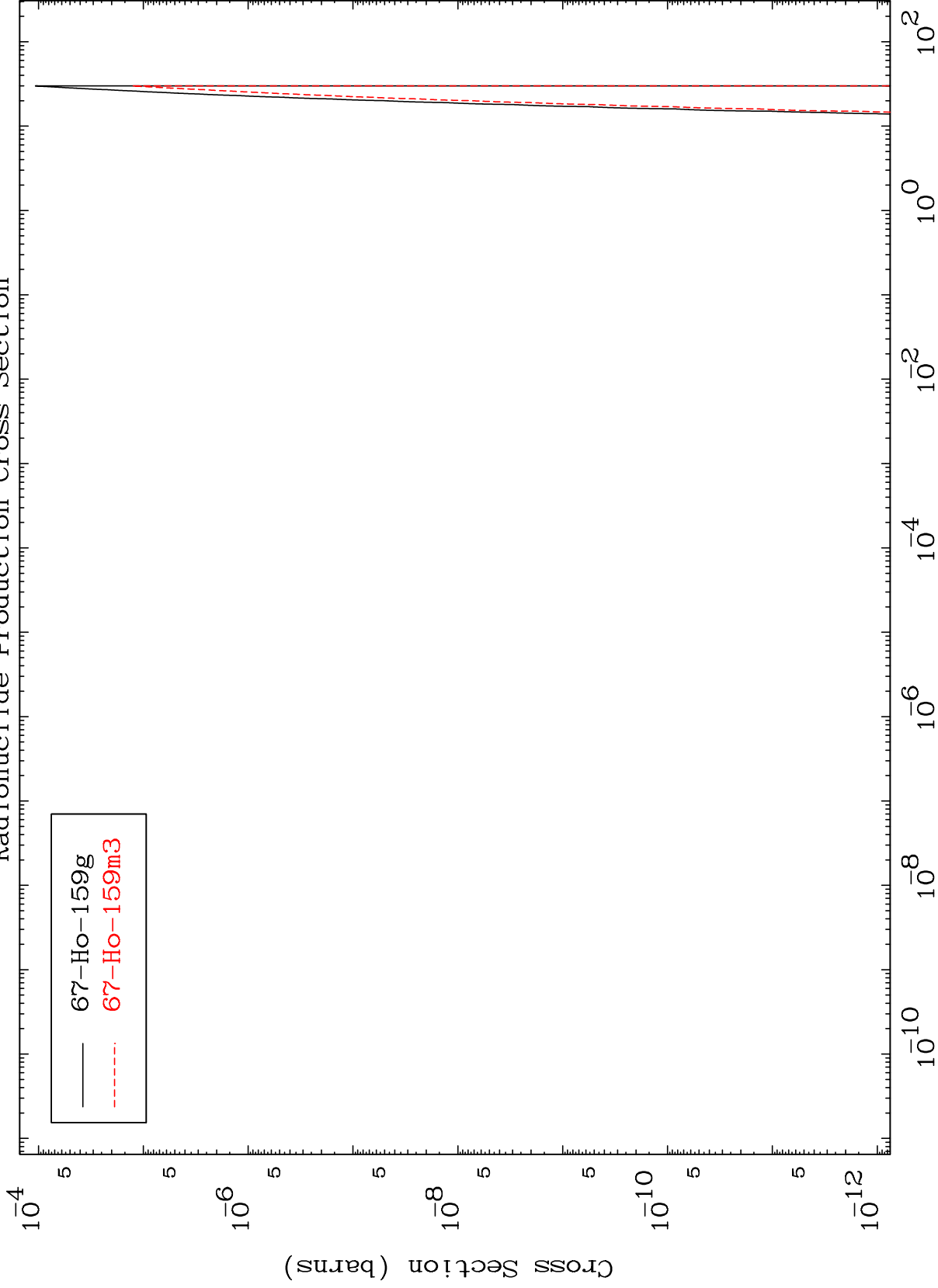
71-Lu-167

MAT 7101

(n,n') 2α

71-Lu-167

Radionuclide Production Cross Section



59

Incident Energy (MeV)

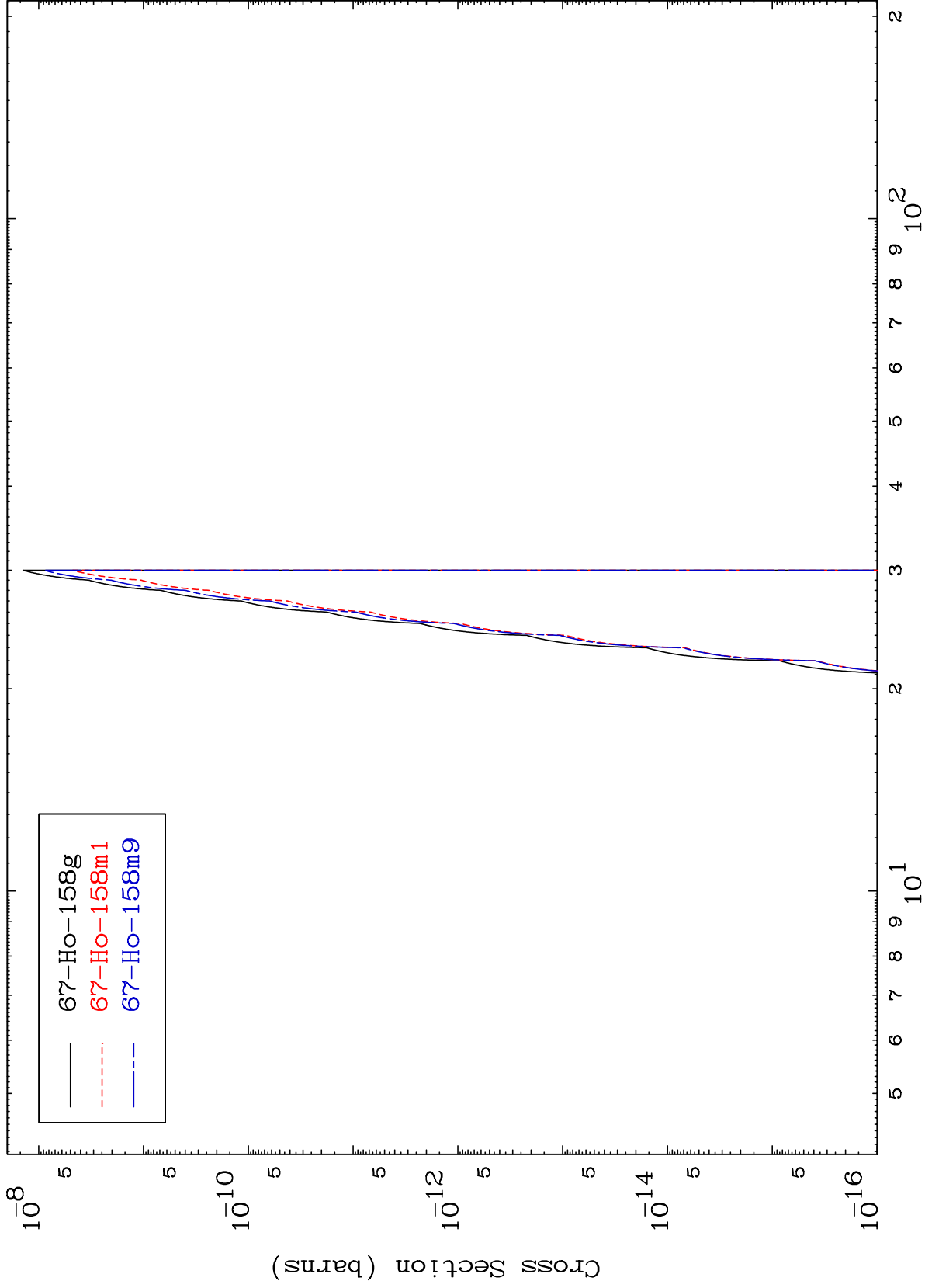
71-Lu-167

MAT 7101

(n,2n) 2 $\alpha$

71-Lu-167

Radionuclide Production Cross Section



60

Incident Energy (MeV)

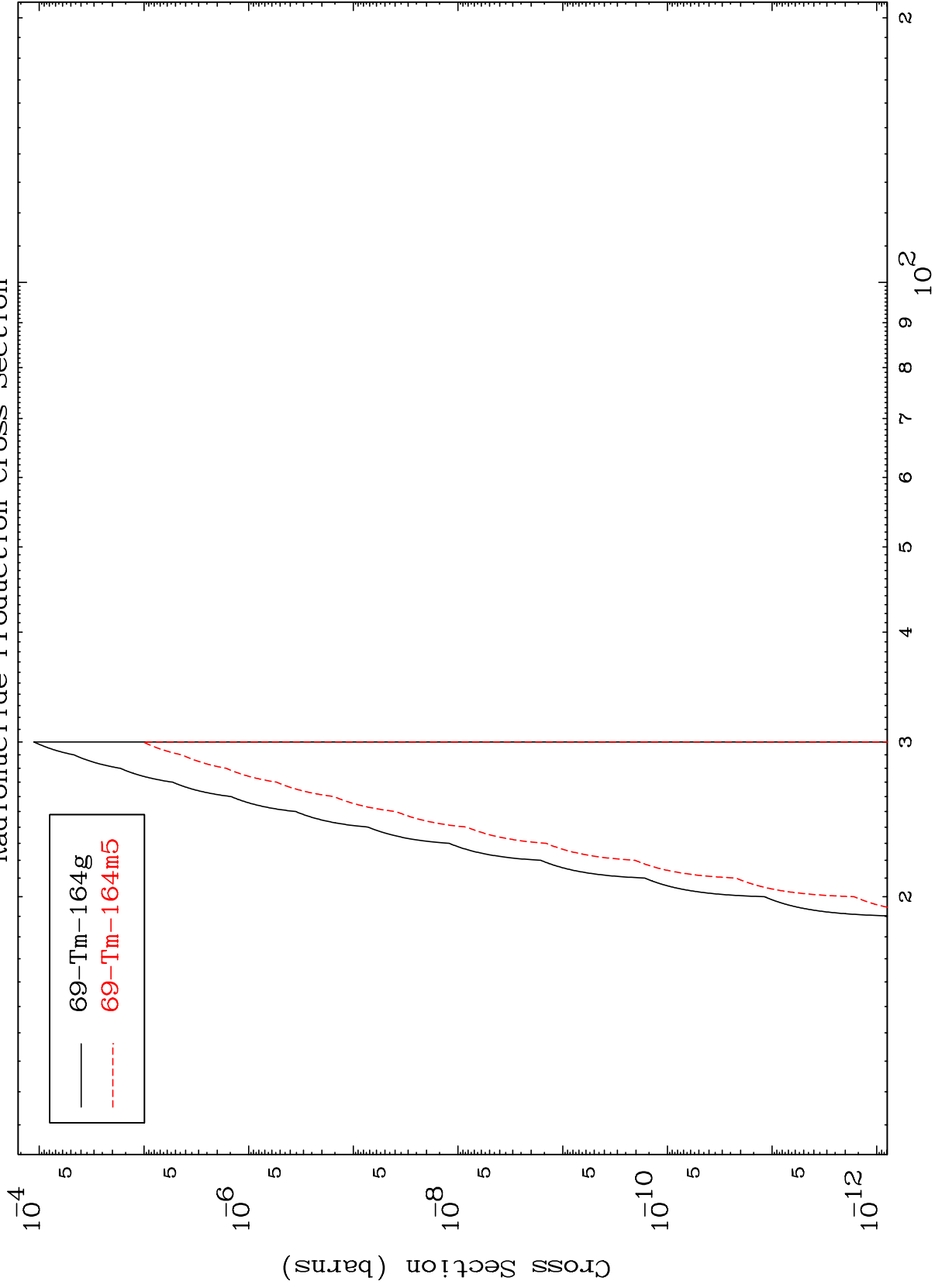
71-Lu-167

MAT 7101

(n,n') He-3

71-Lu-167

Radionuclide Production Cross Section



61

Incident Energy (MeV)

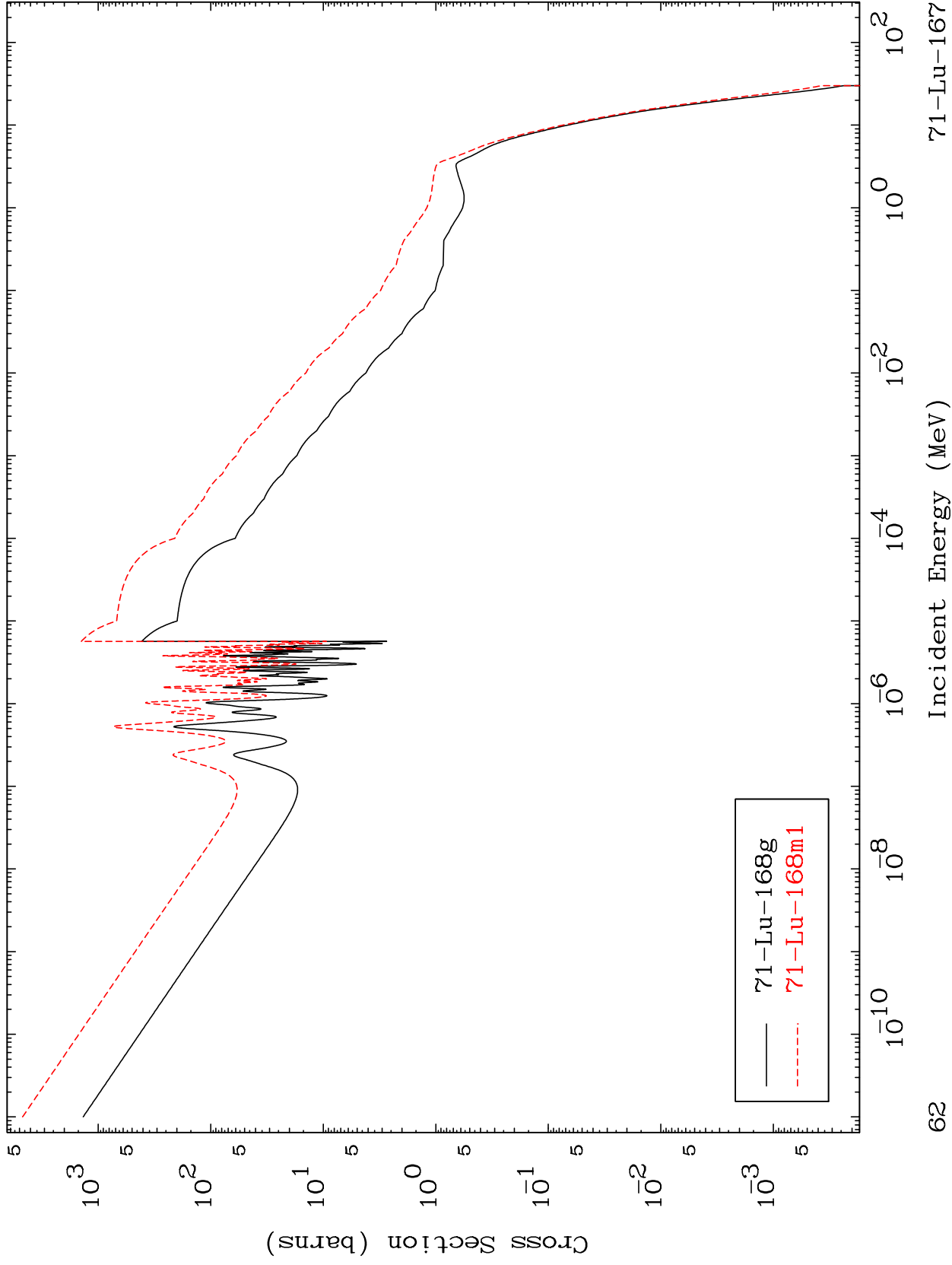
71-Lu-167

MAT 7101

71-Lu-167

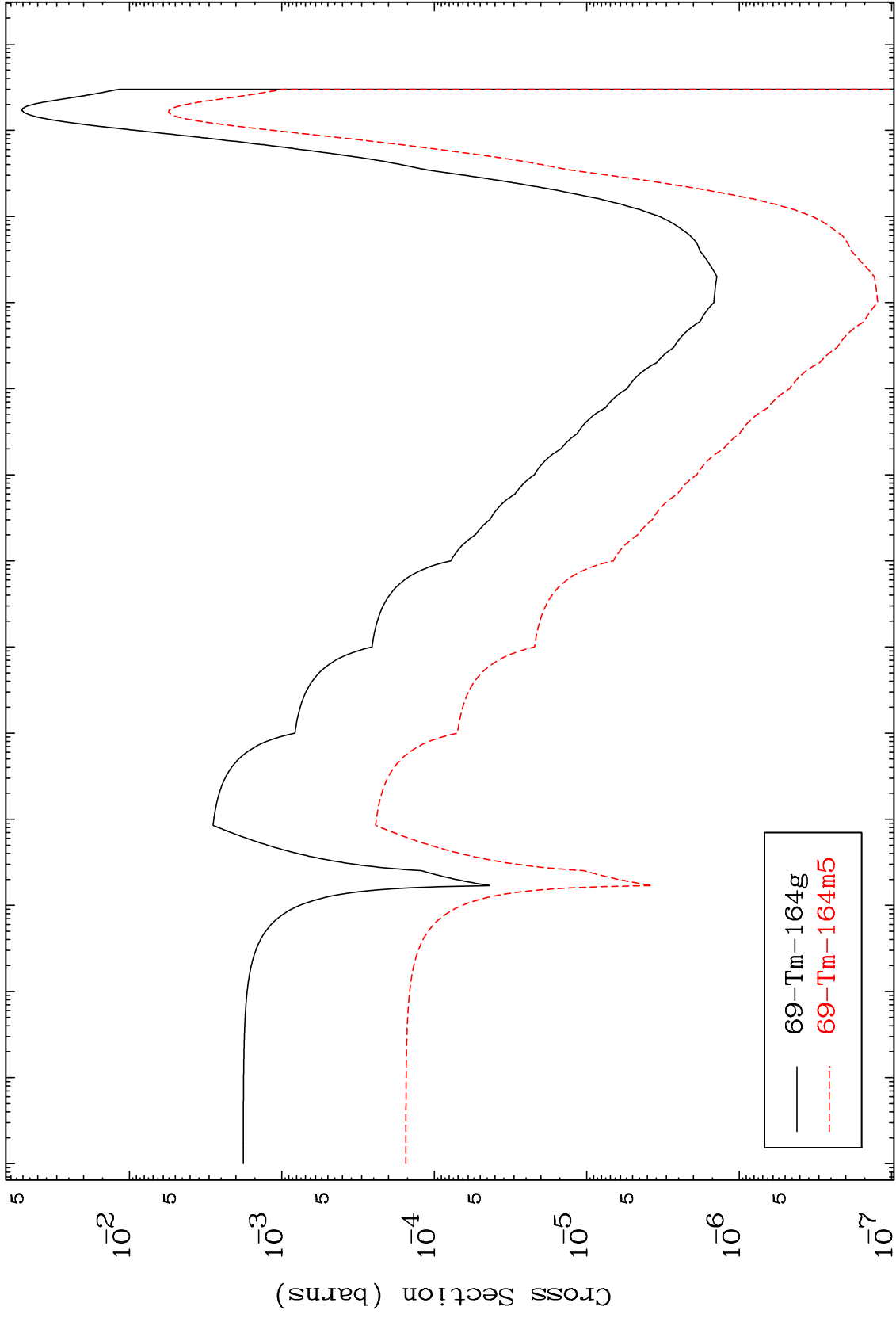
Radionuclide Production Cross Section

(n,  $\gamma$ )



62

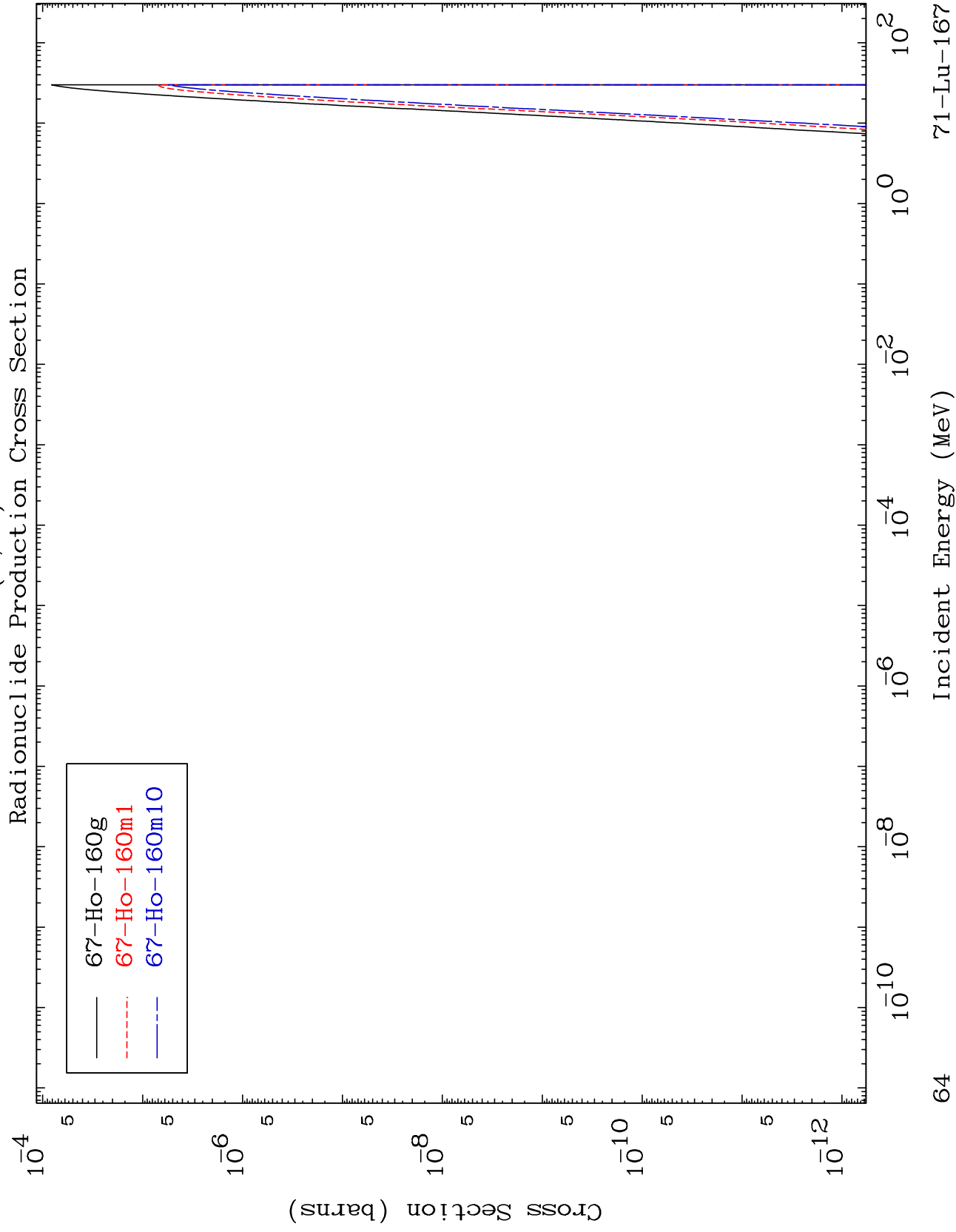
Radionuclide Production Cross Section



MAT 7101

<sup>71</sup>Lu-167

Radionuclide Production Cross Section



Incident Energy (MeV)

<sup>71</sup>Lu-167

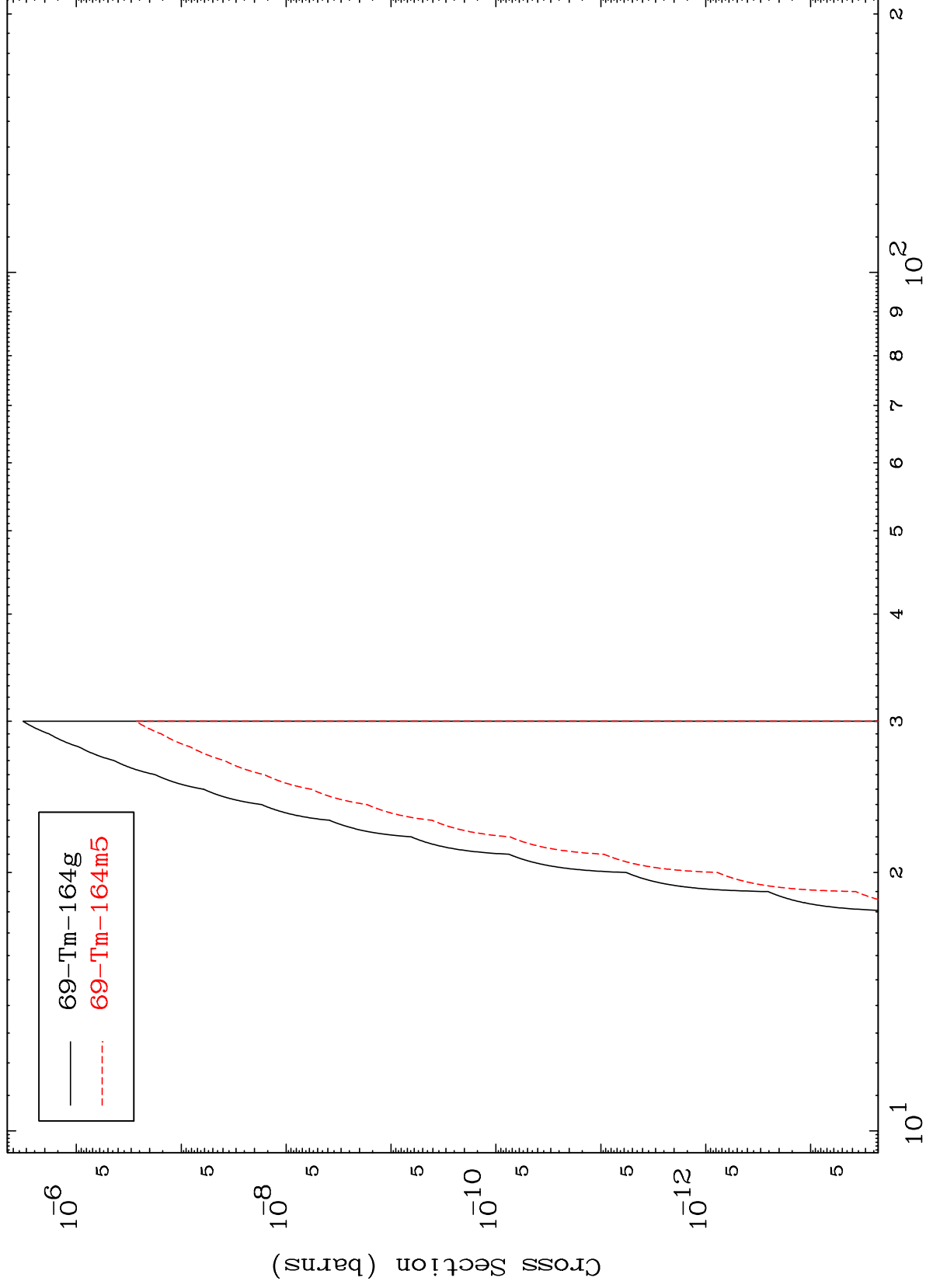
64

MAT 7101

(n,p) t

71-Lu-167

Radionuclide Production Cross Section



Incident Energy (MeV)

71-Lu-167

65