

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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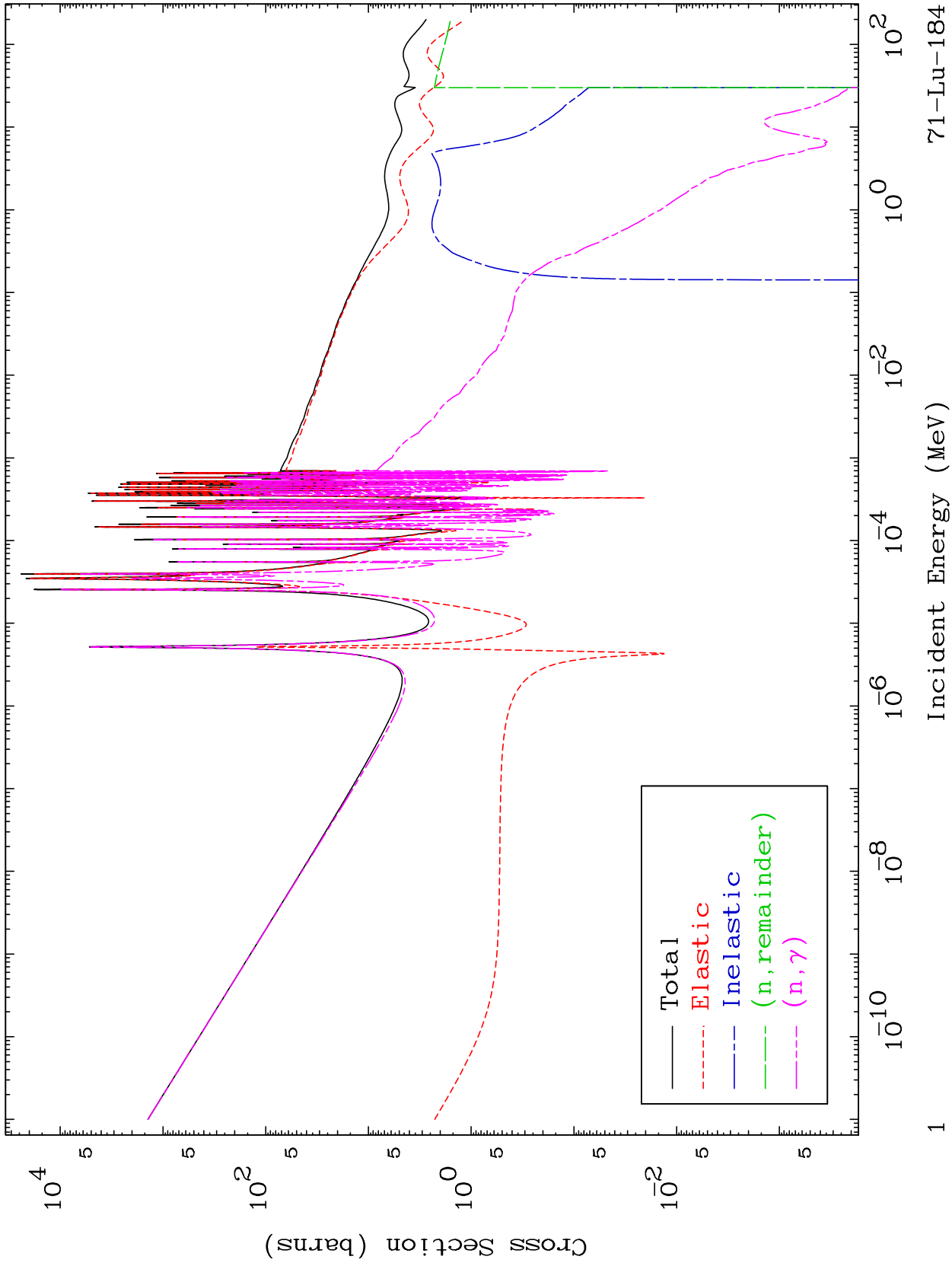
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7152

Major  
293 Kelvin Cross Sections

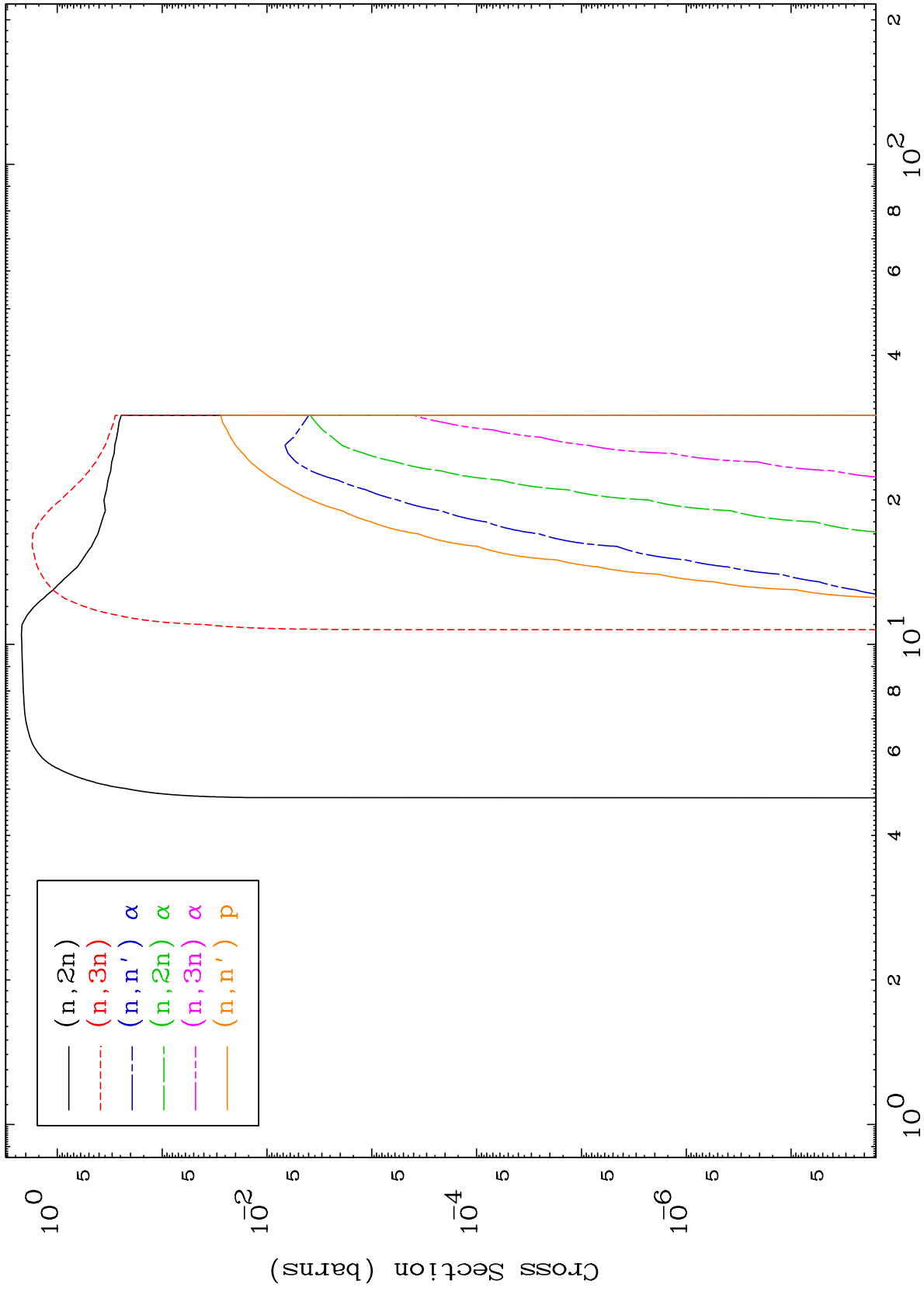
71-Lu-184



MAT 7152

### Neutron Production 293 Kelvin Cross Sections

71-Lu-184



2

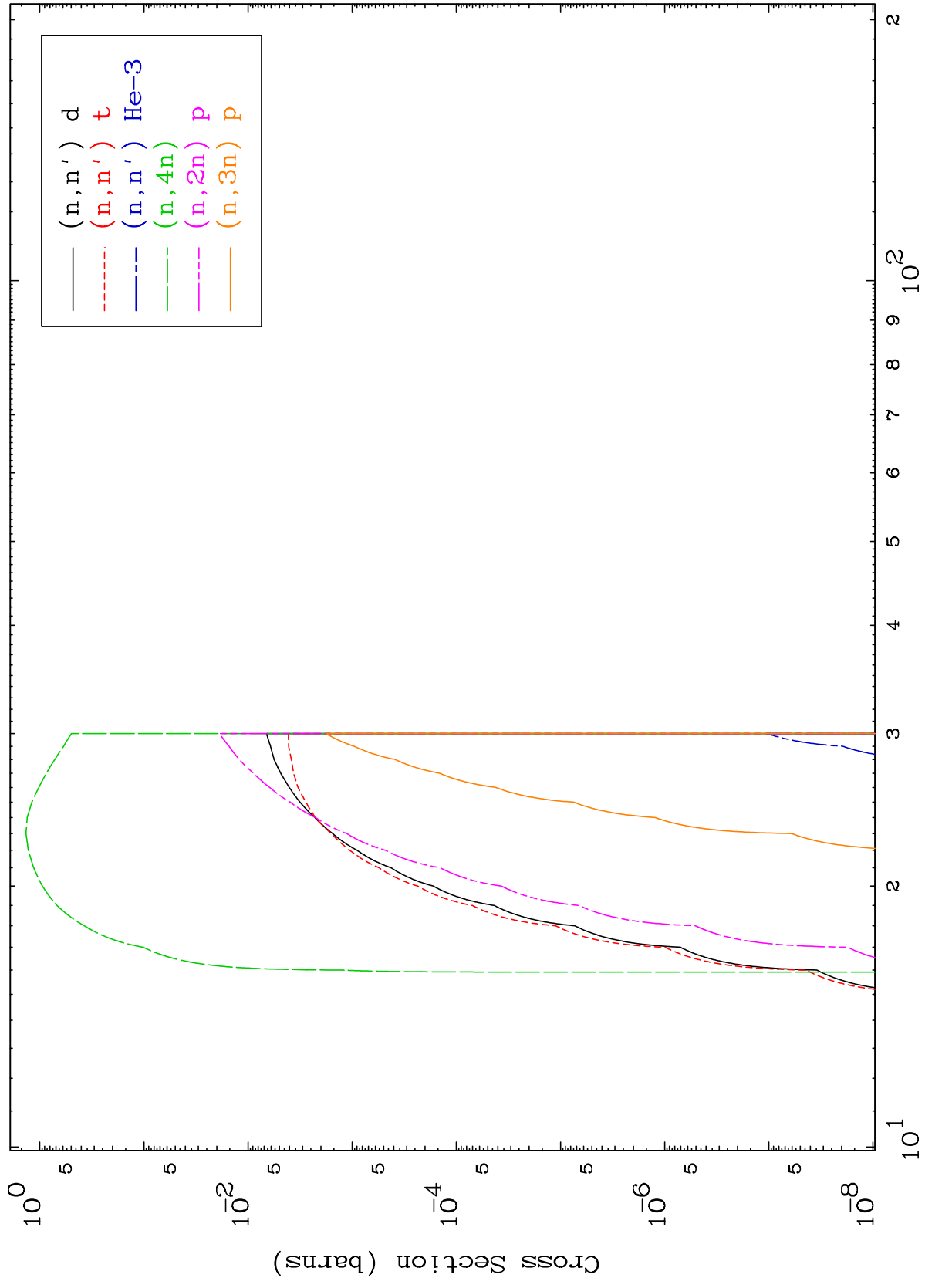
Incident Energy (MeV)

71-Lu-184

MAT 7152

Neutron Production  
293 Kelvin Cross Sections

71-Lu-184



71-Lu-184

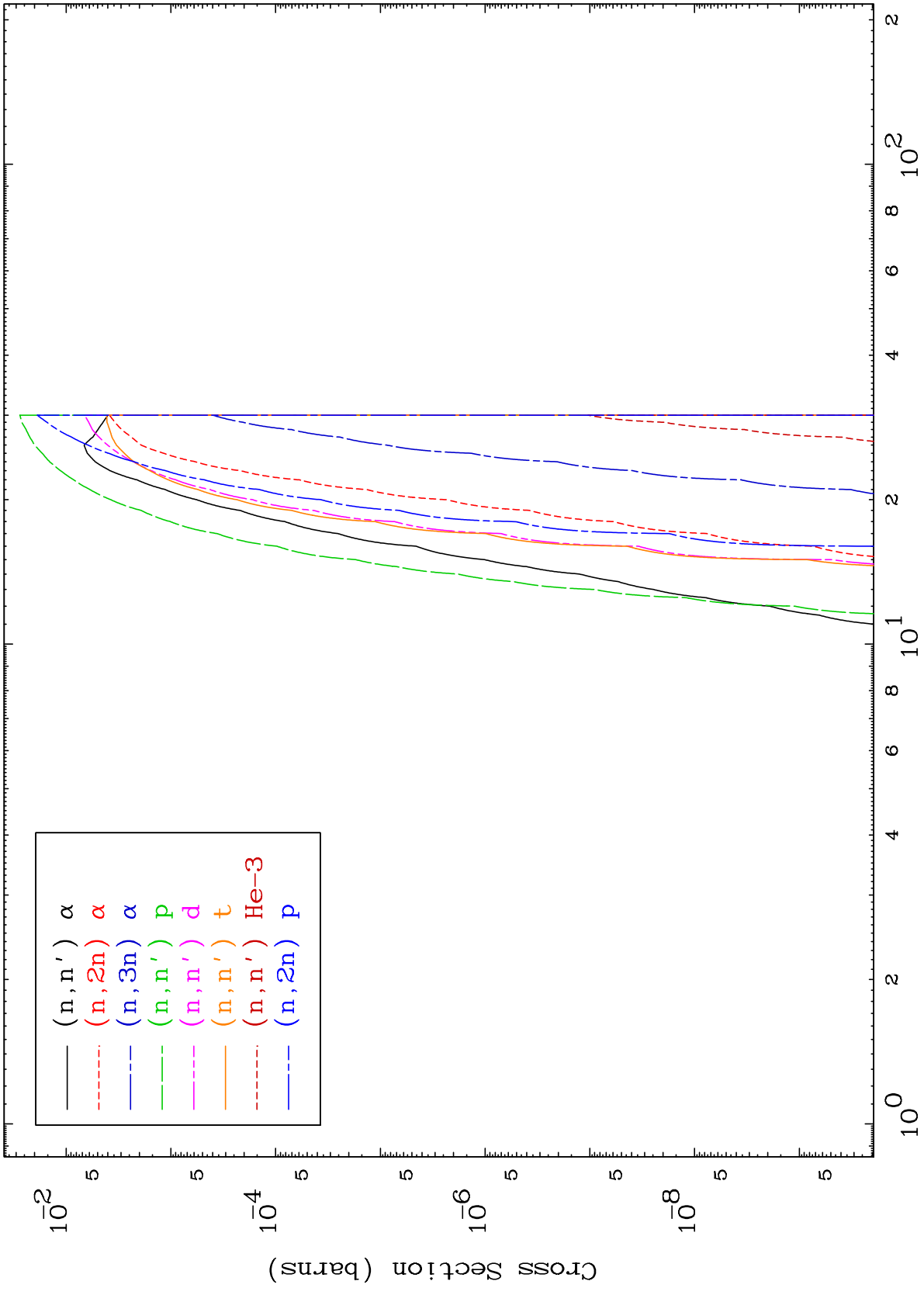
Incident Energy (MeV)

3

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293 Kelvin Cross Sections

71-Lu-184



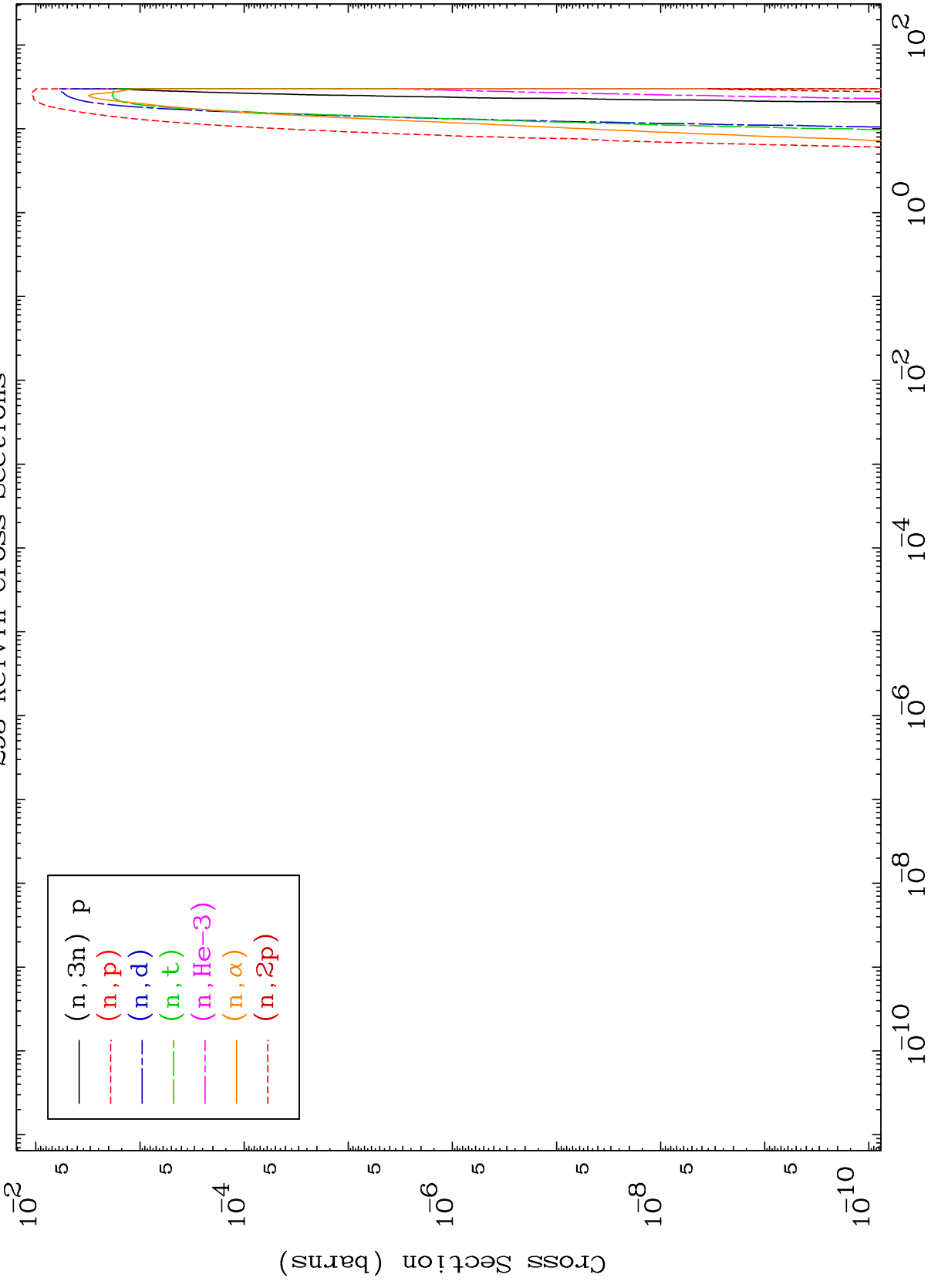
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71-Lu-184

MAT 7152

Charged Particle  
293 Kelvin Cross Sections

71-Lu-184



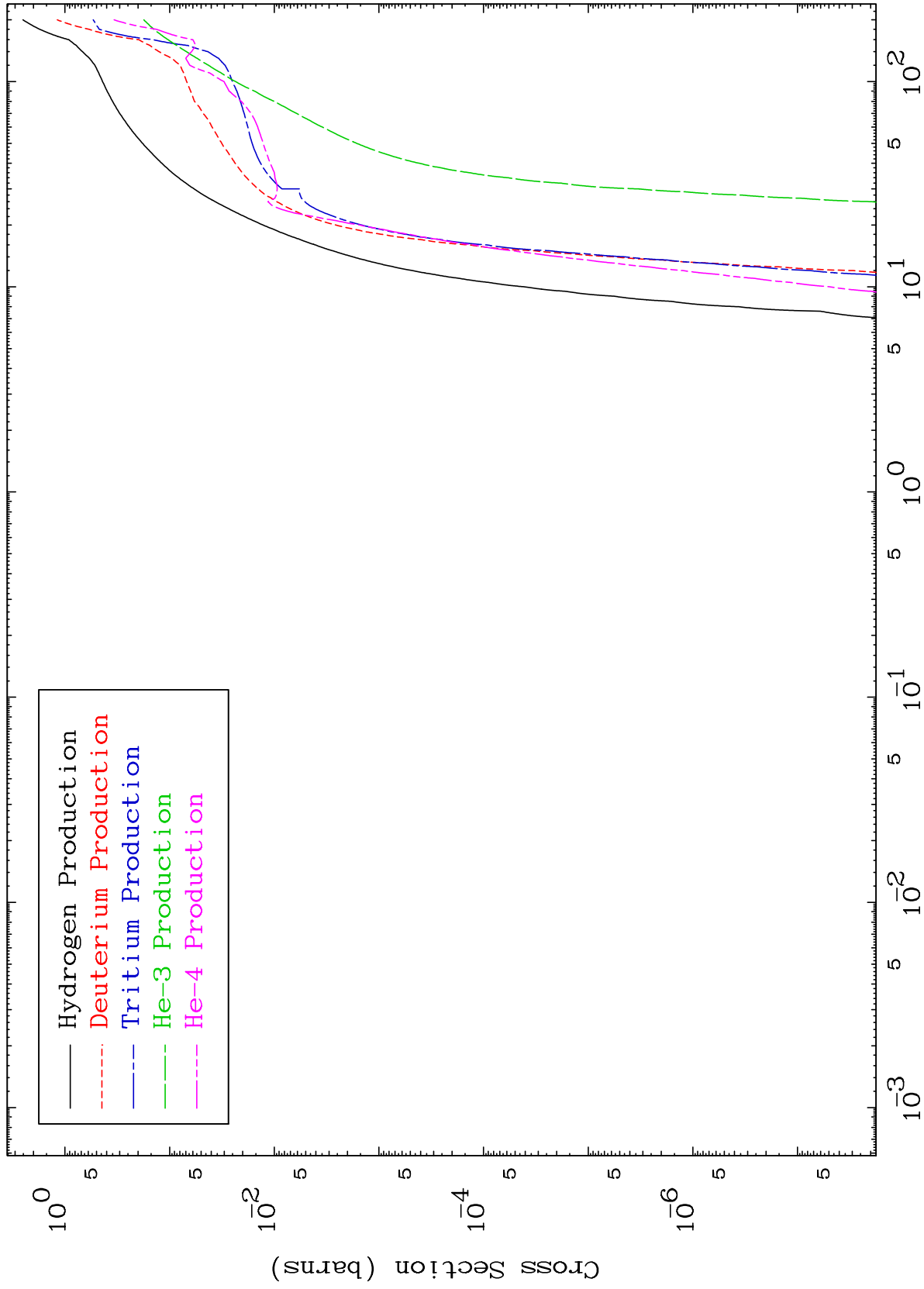
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71-Lu-184

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Particle Production  
293 Kelvin Cross Sections

71-Lu-184



6

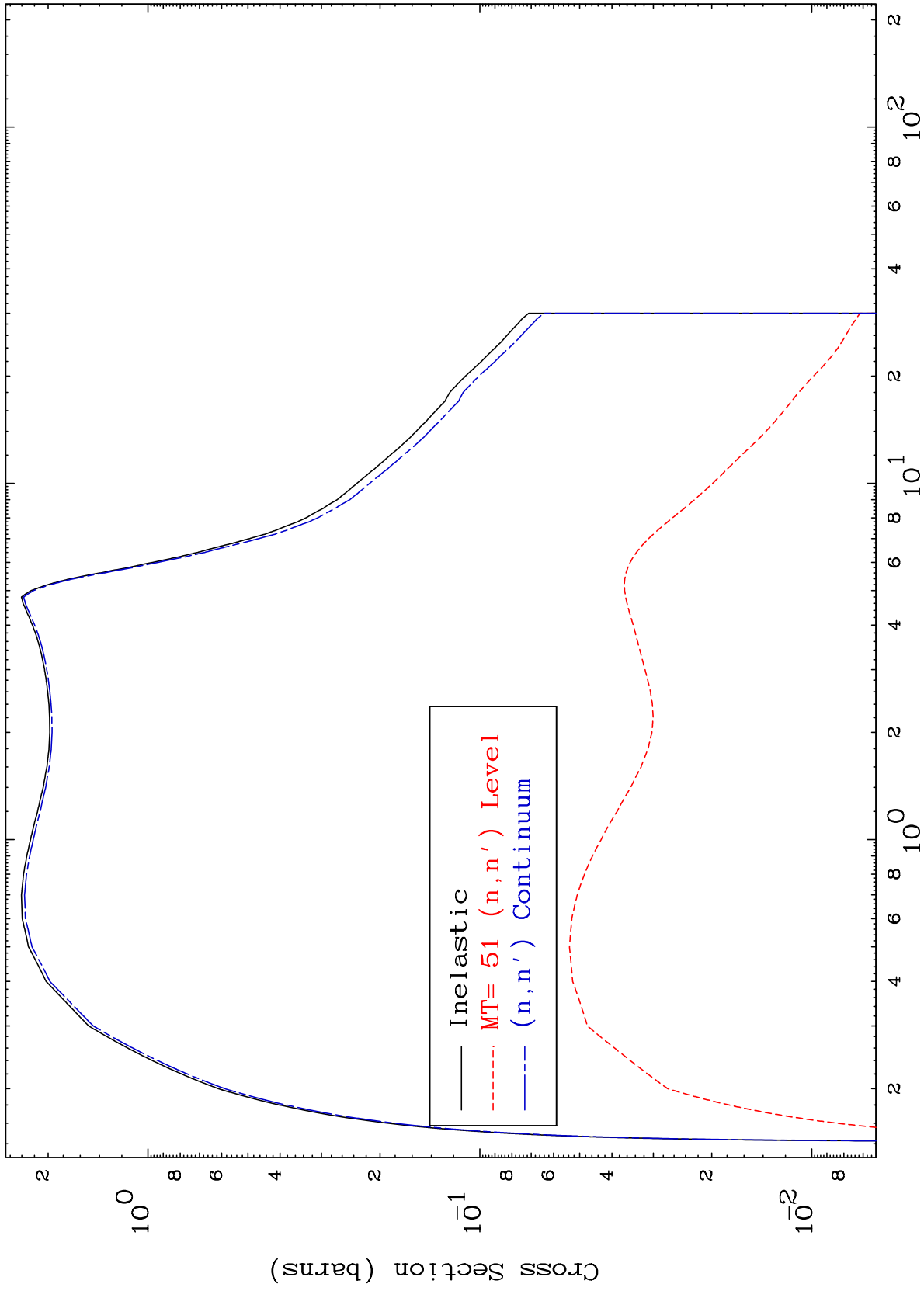
Incident Energy (MeV)

71-Lu-184

MAT 7152

(n,n') Level  
293 Kelvin Cross Sections

71-Lu-184



7

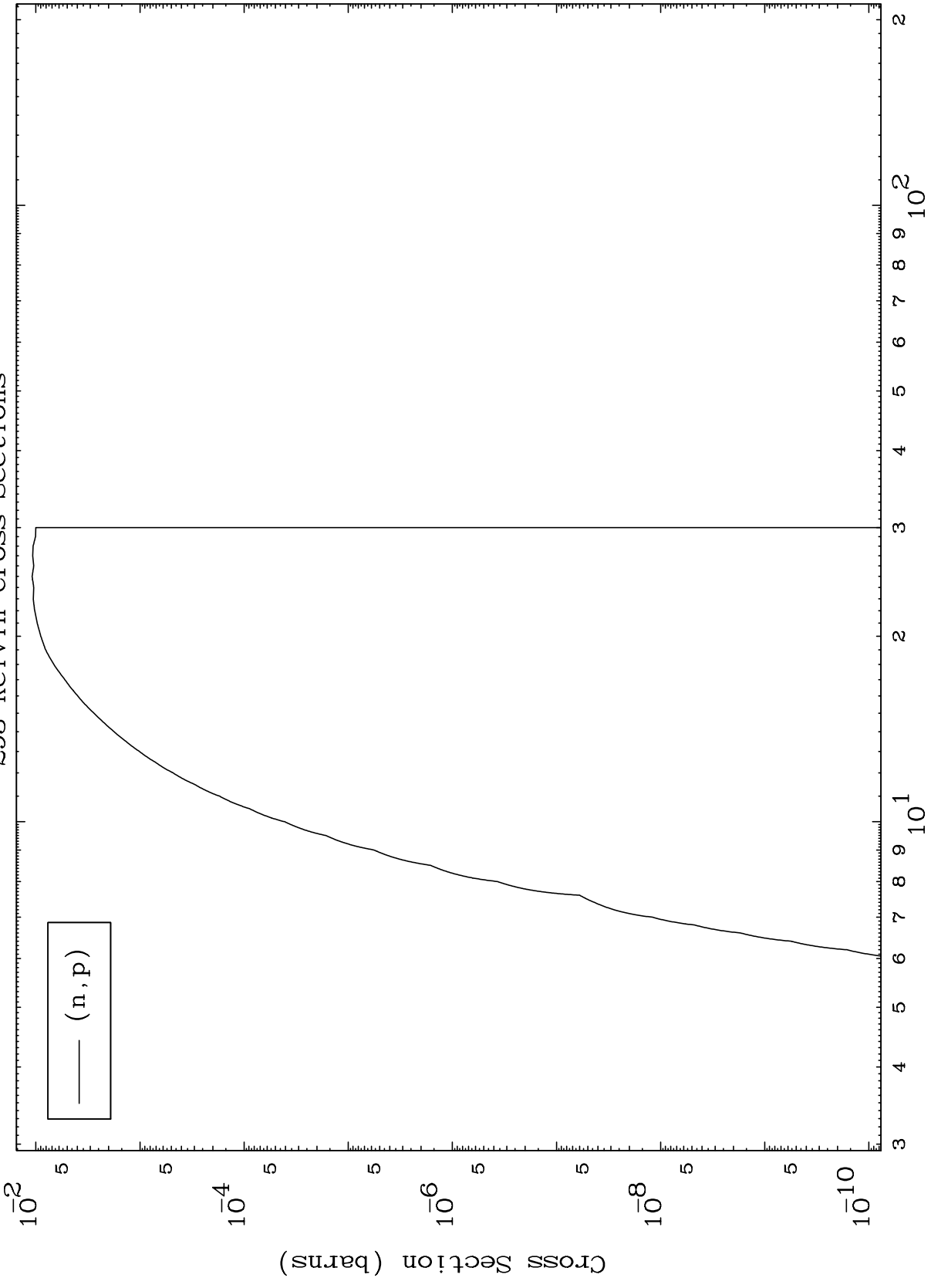
Incident Energy (MeV)

71-Lu-184

MAT 7152

(n,p) Levels  
293 Kelvin Cross Sections

71-Lu-184



8

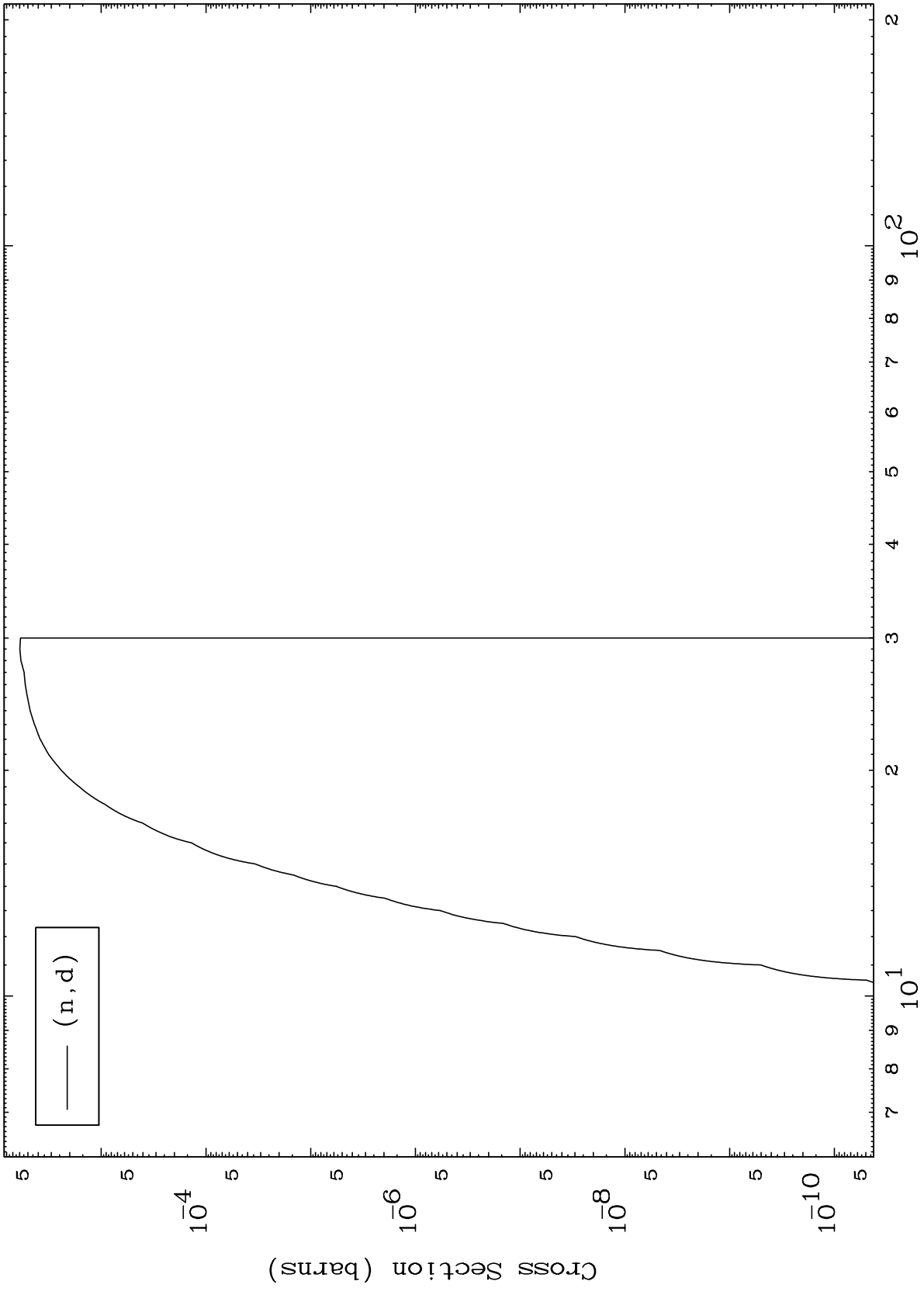
Incident Energy (MeV)

71-Lu-184

MAT 7152

(n,d) Levels  
293 Kelvin Cross Sections

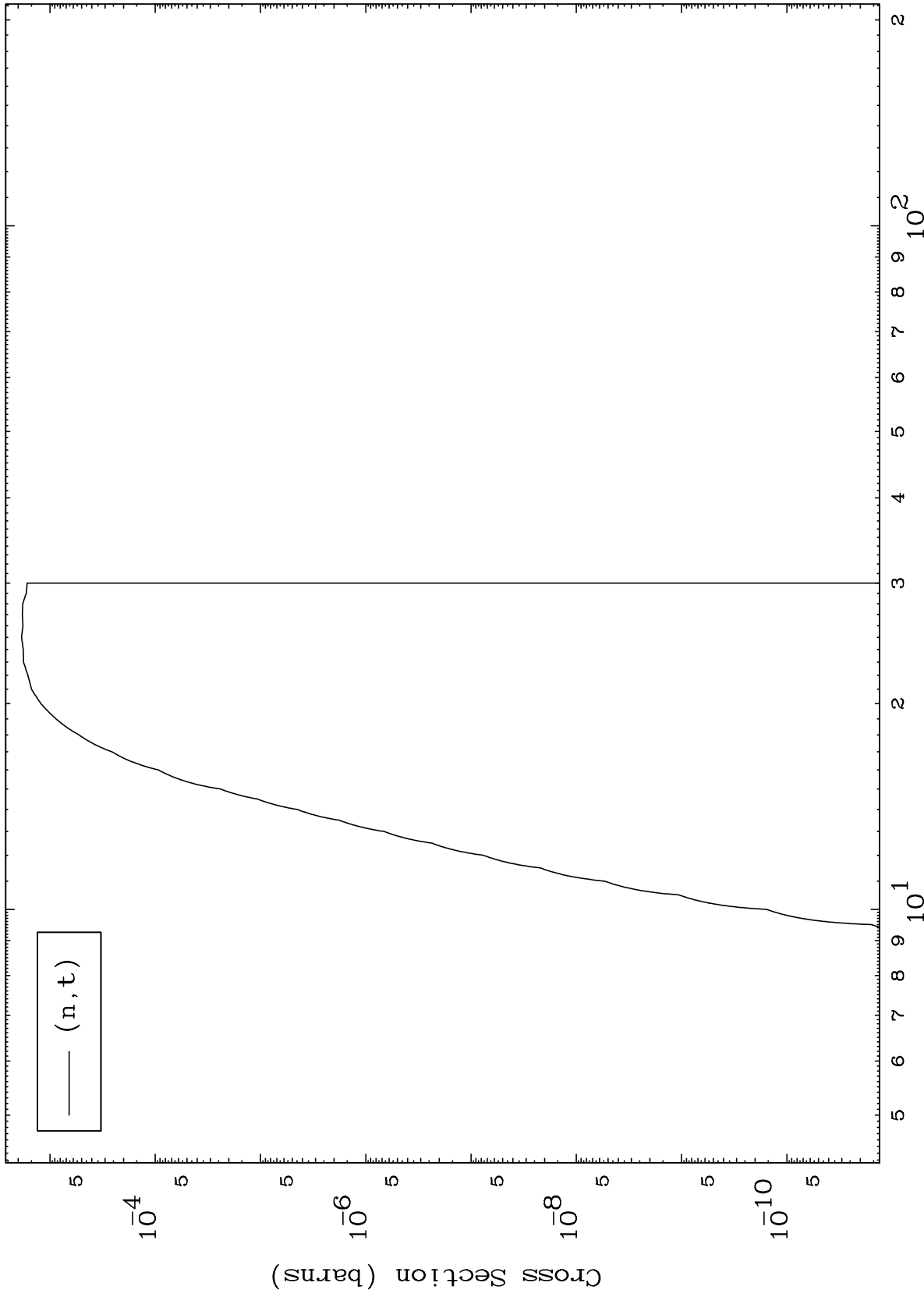
71-Lu-184



MAT 7152

(n,t) Levels  
293 Kelvin Cross Sections

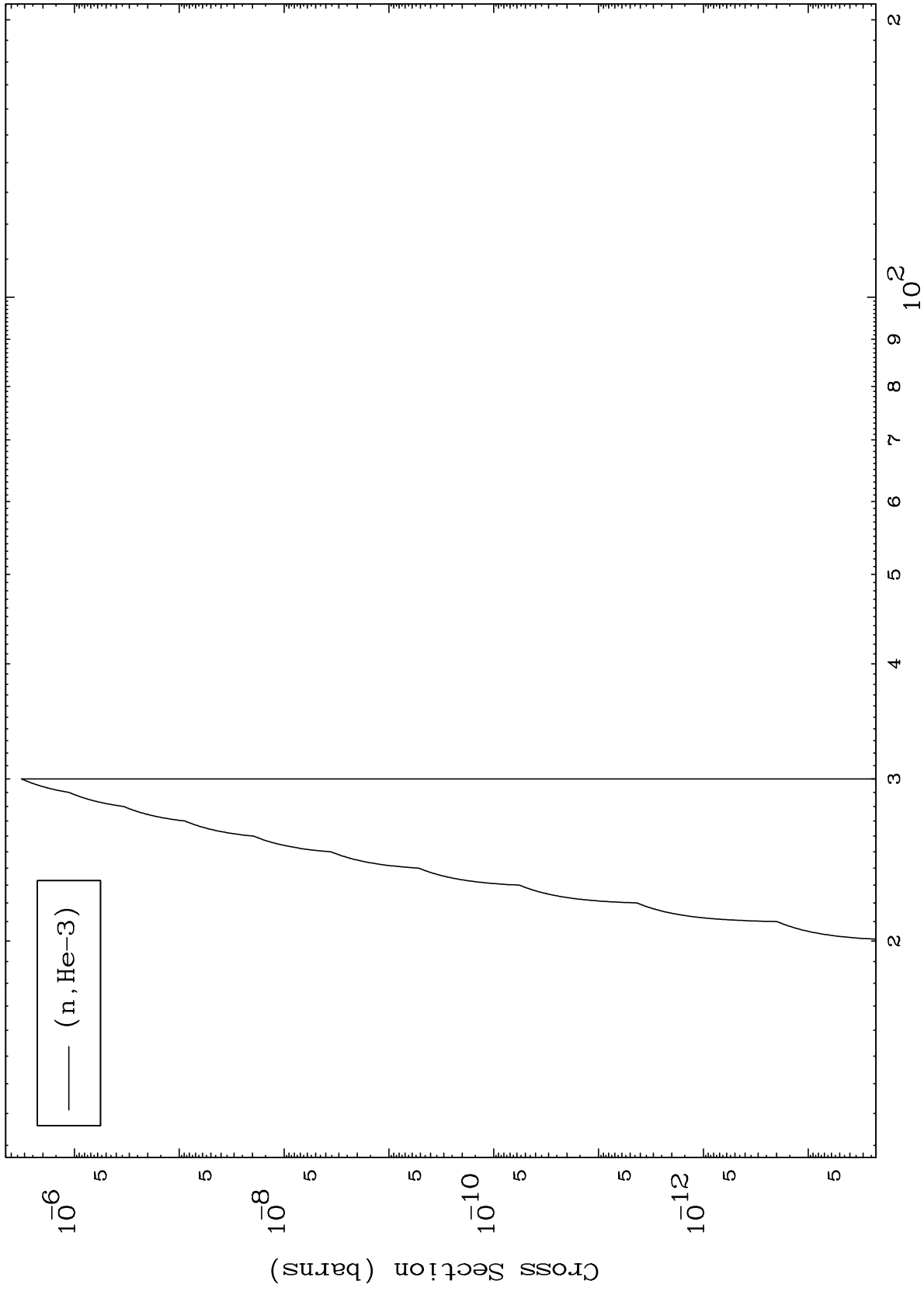
71-Lu-184



10

Incident Energy (MeV)

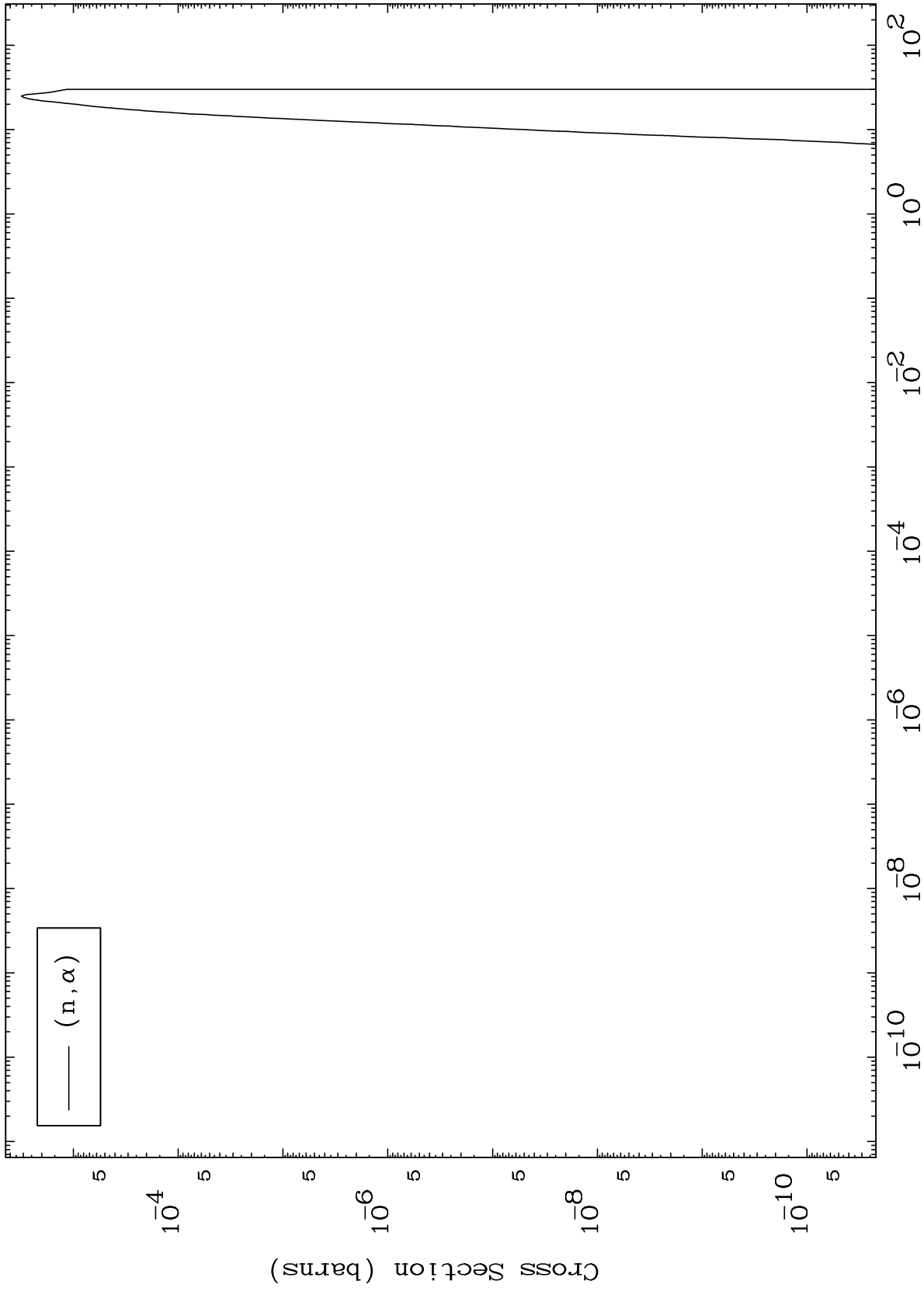
71-Lu-184



MAT 7152

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

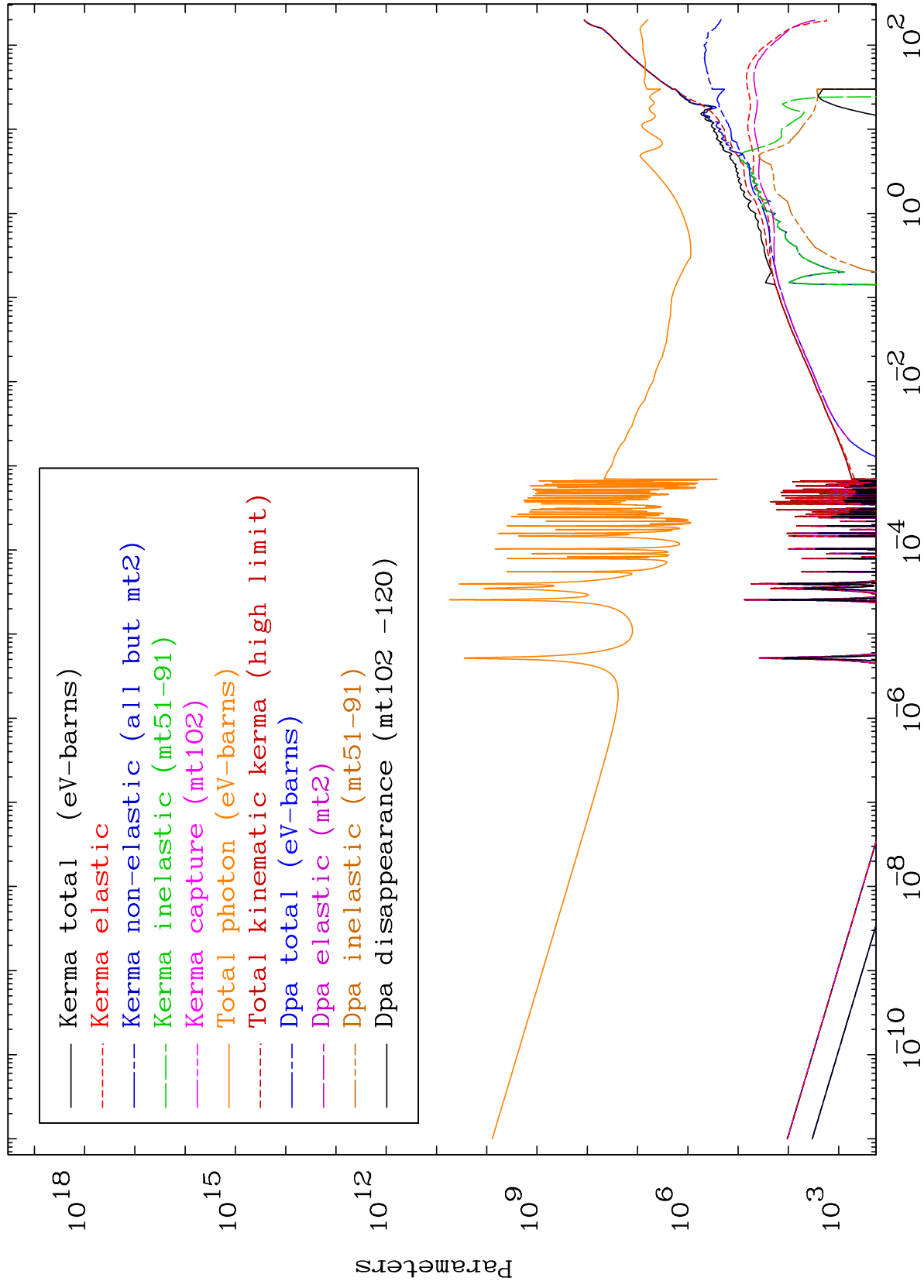
71-Lu-184

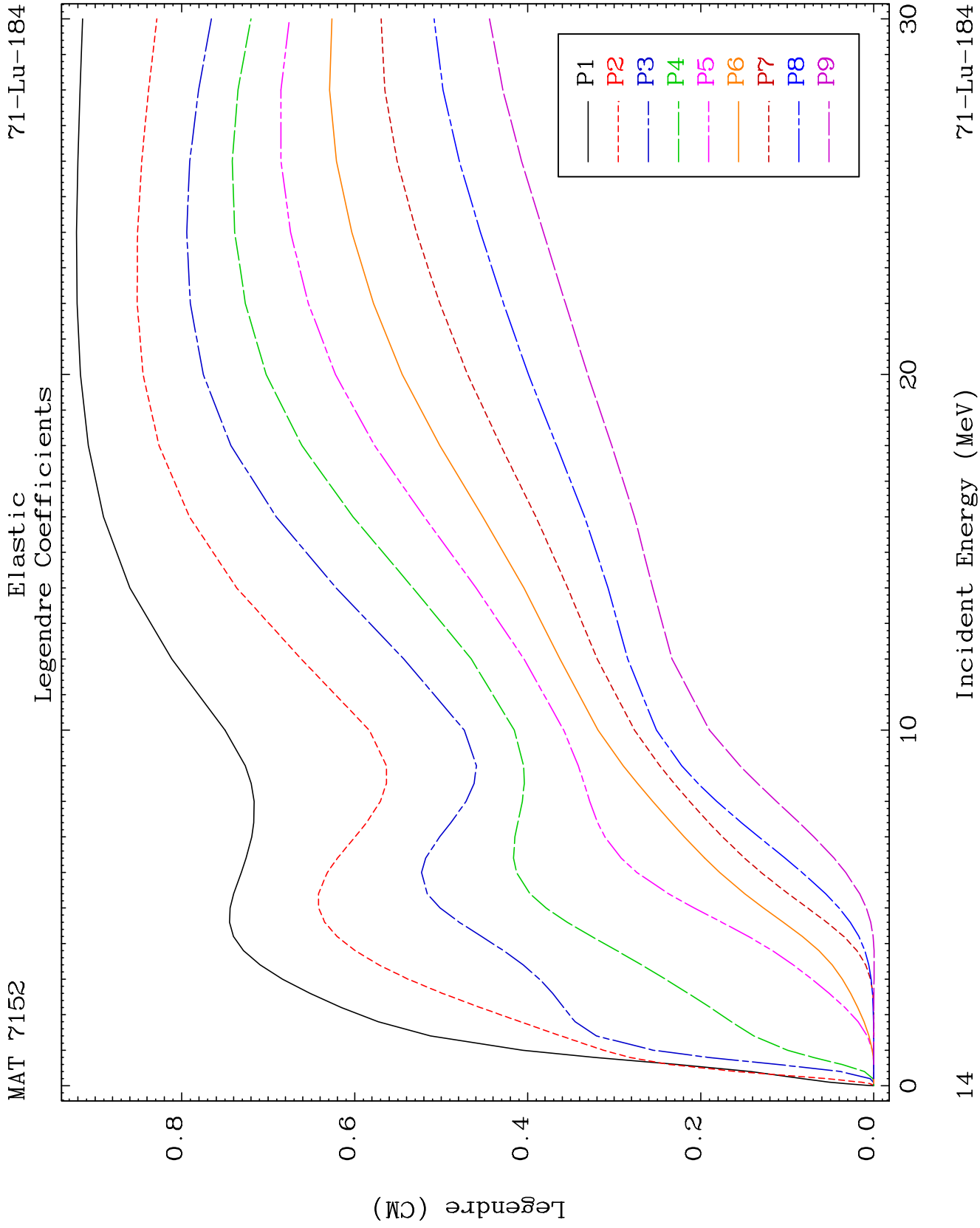


12

Incident Energy (MeV)

71-Lu-184

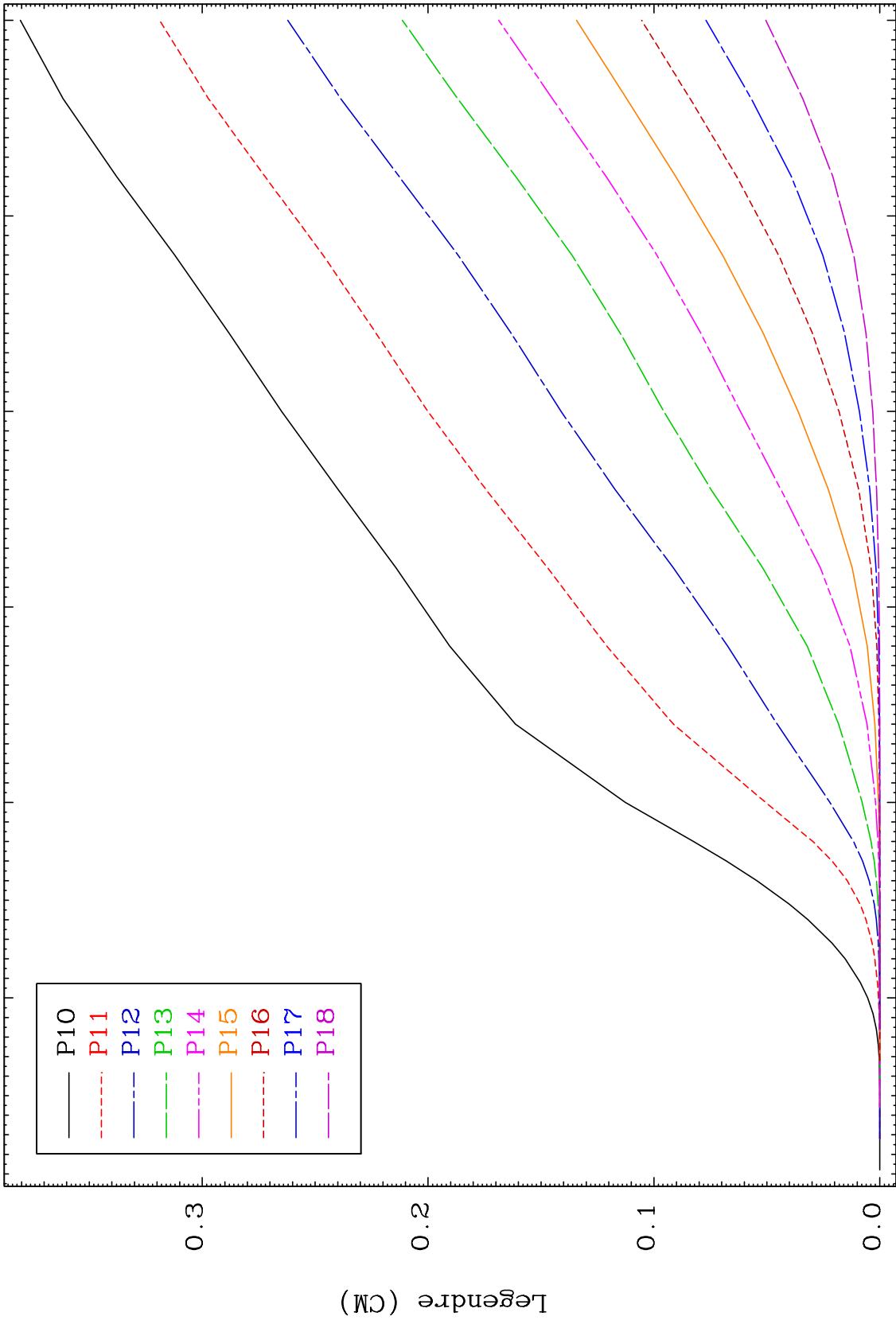




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Elastic Legendre Coefficients

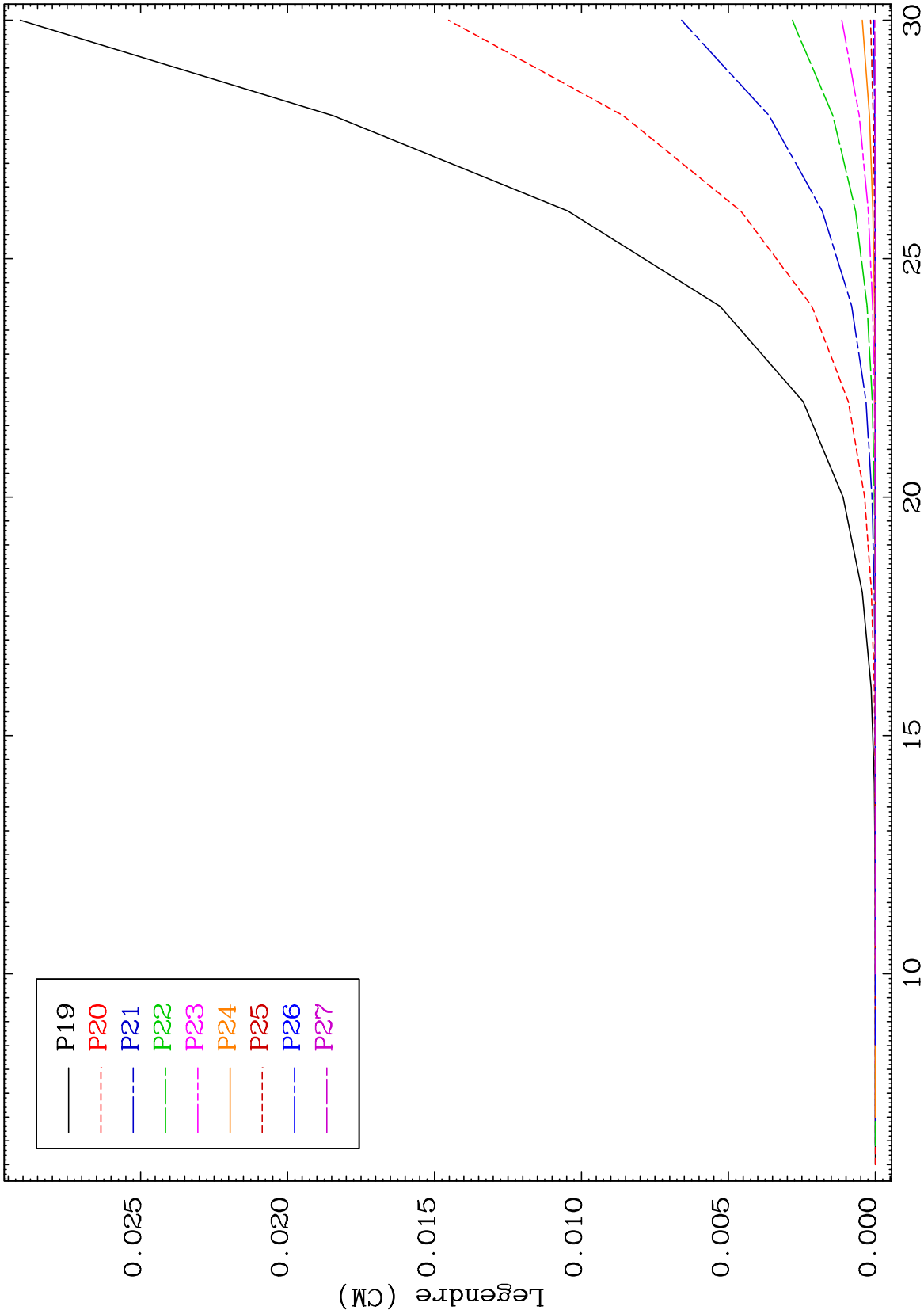
71-Lu-184



15

Incident Energy (MeV)

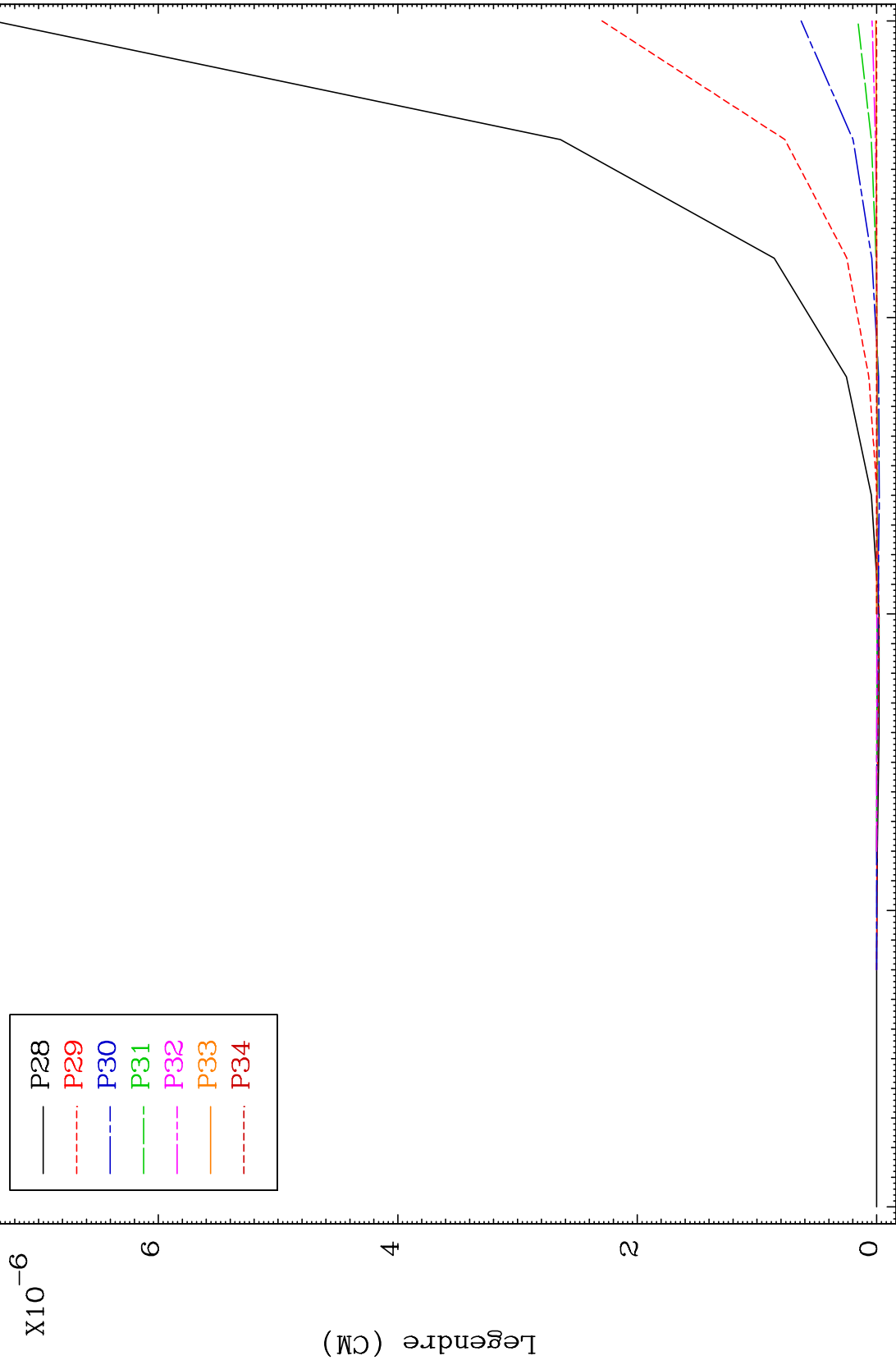
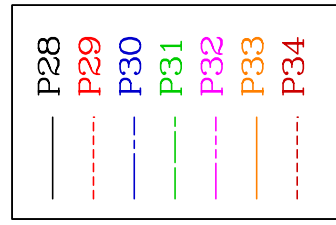
71-Lu-184



MAT 7152

Elastic Legendre Coefficients

71-Lu-184



10

15

20

25

30

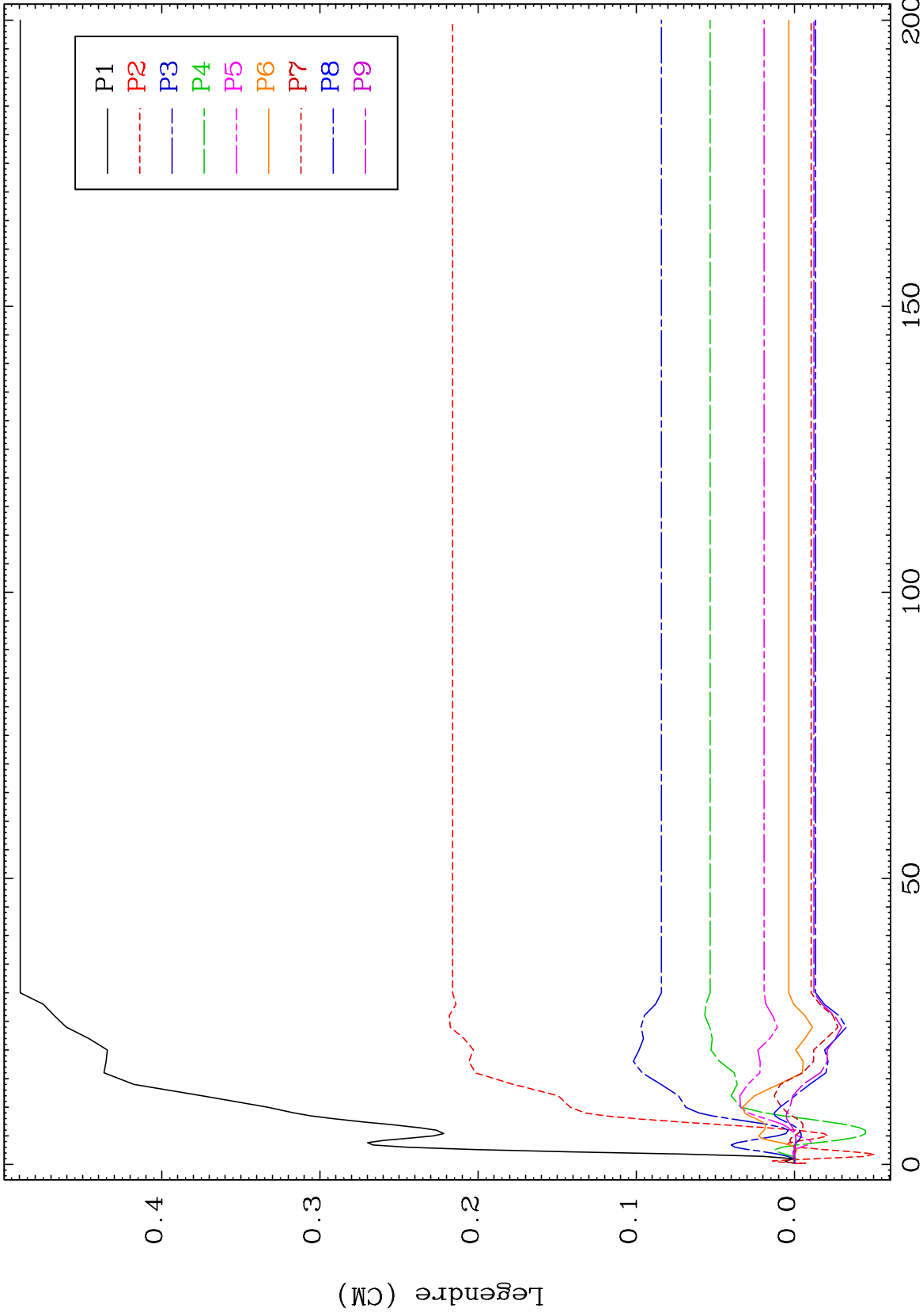
Incident Energy (MeV)

71-Lu-184

MAT 7152

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

71-Lu-184



18

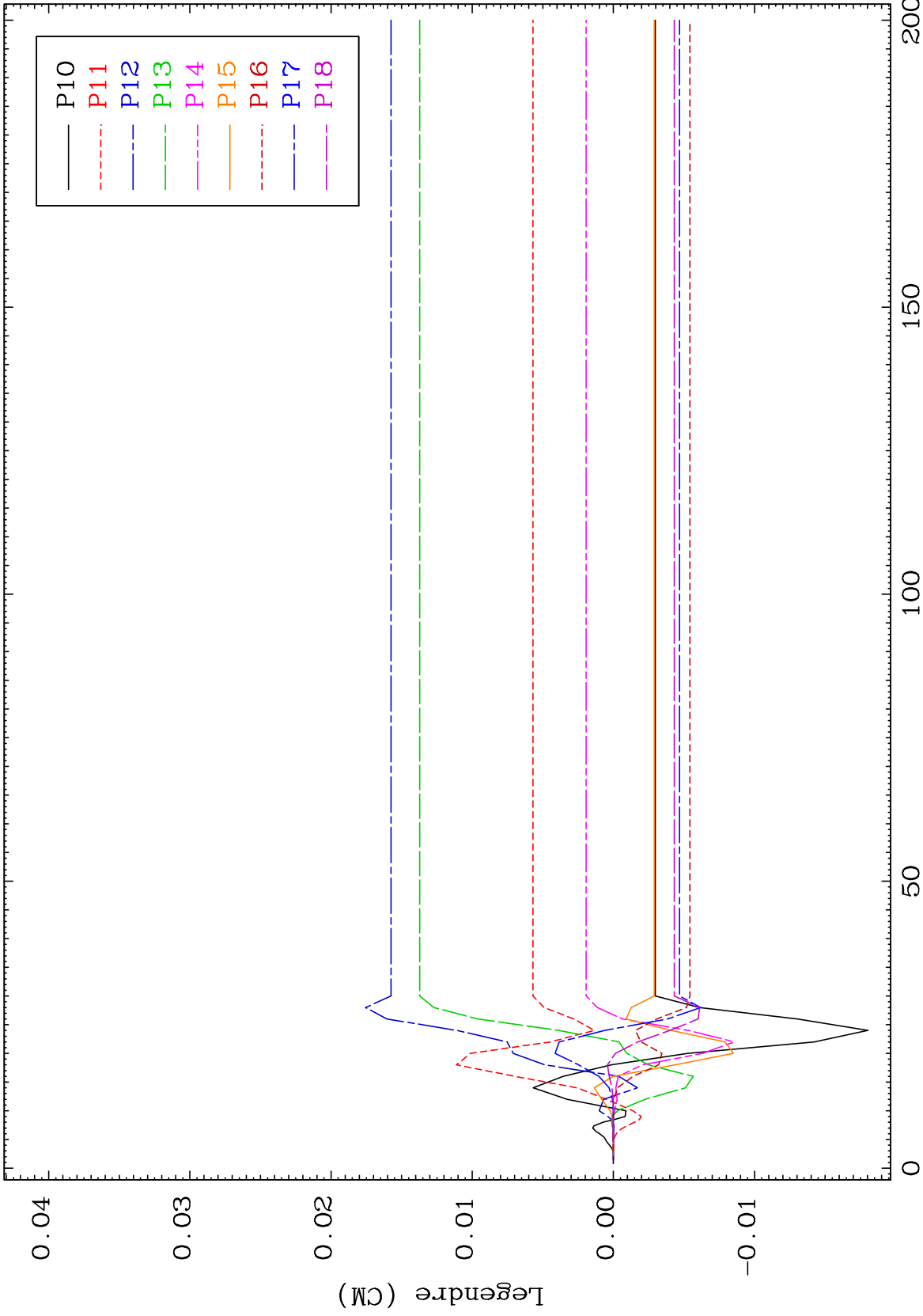
Incident Energy (MeV)

71-Lu-184

MAT 7152

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

71-Lu-184



19

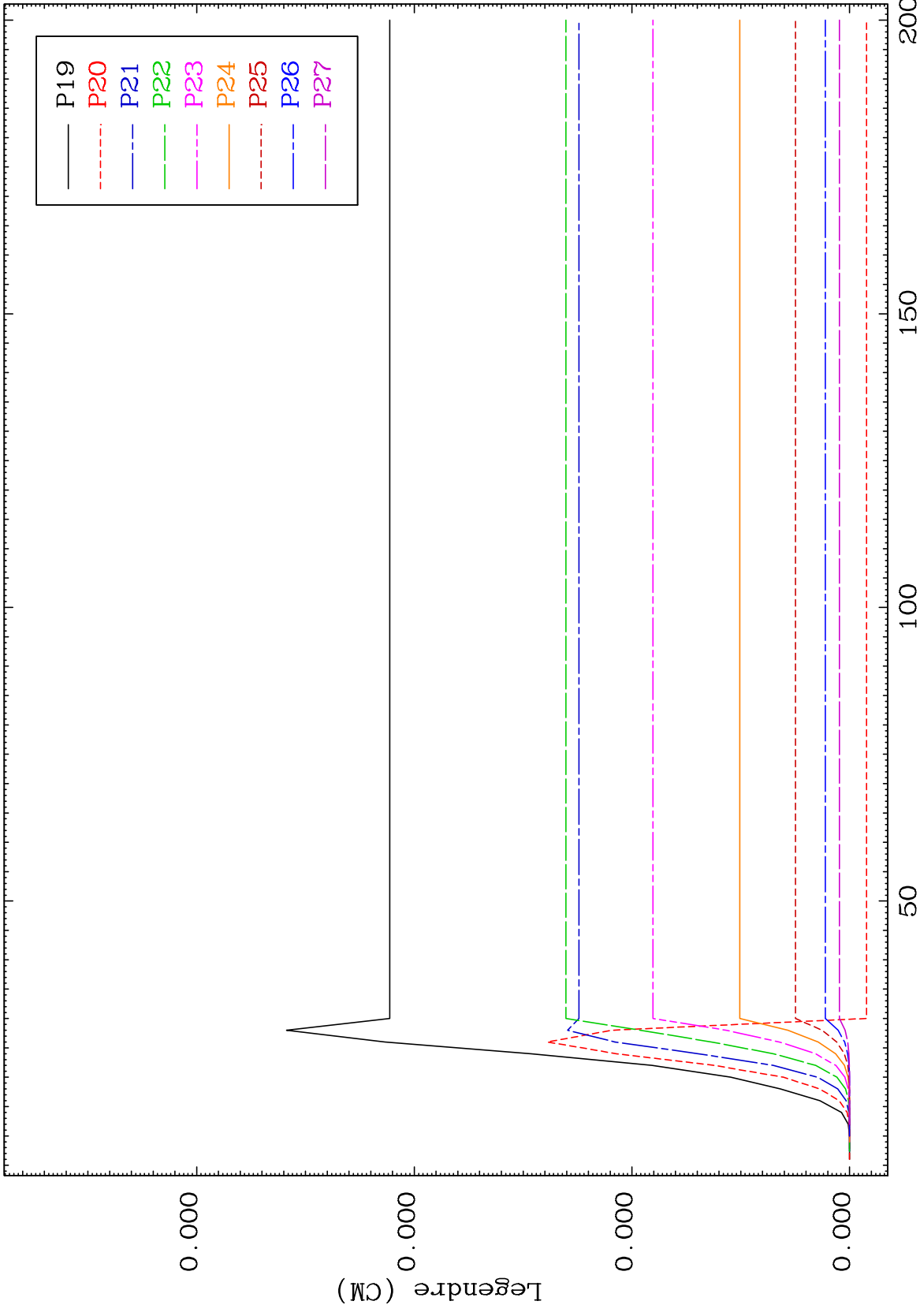
Incident Energy (MeV)

71-Lu-184

MAT 7152

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

71-Lu-184



20

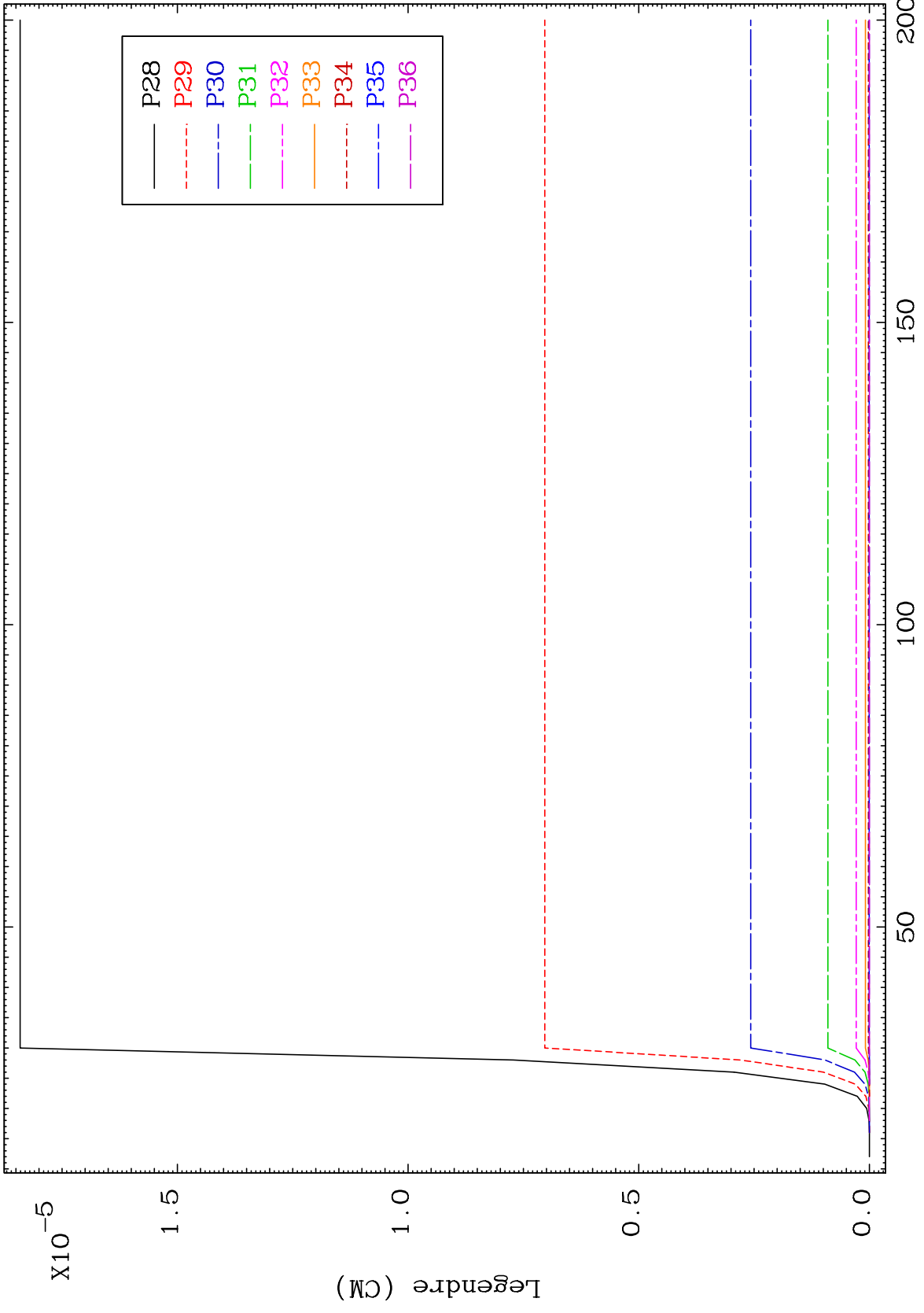
Incident Energy (MeV)

71-Lu-184

MAT 7152

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

71-Lu-184



21

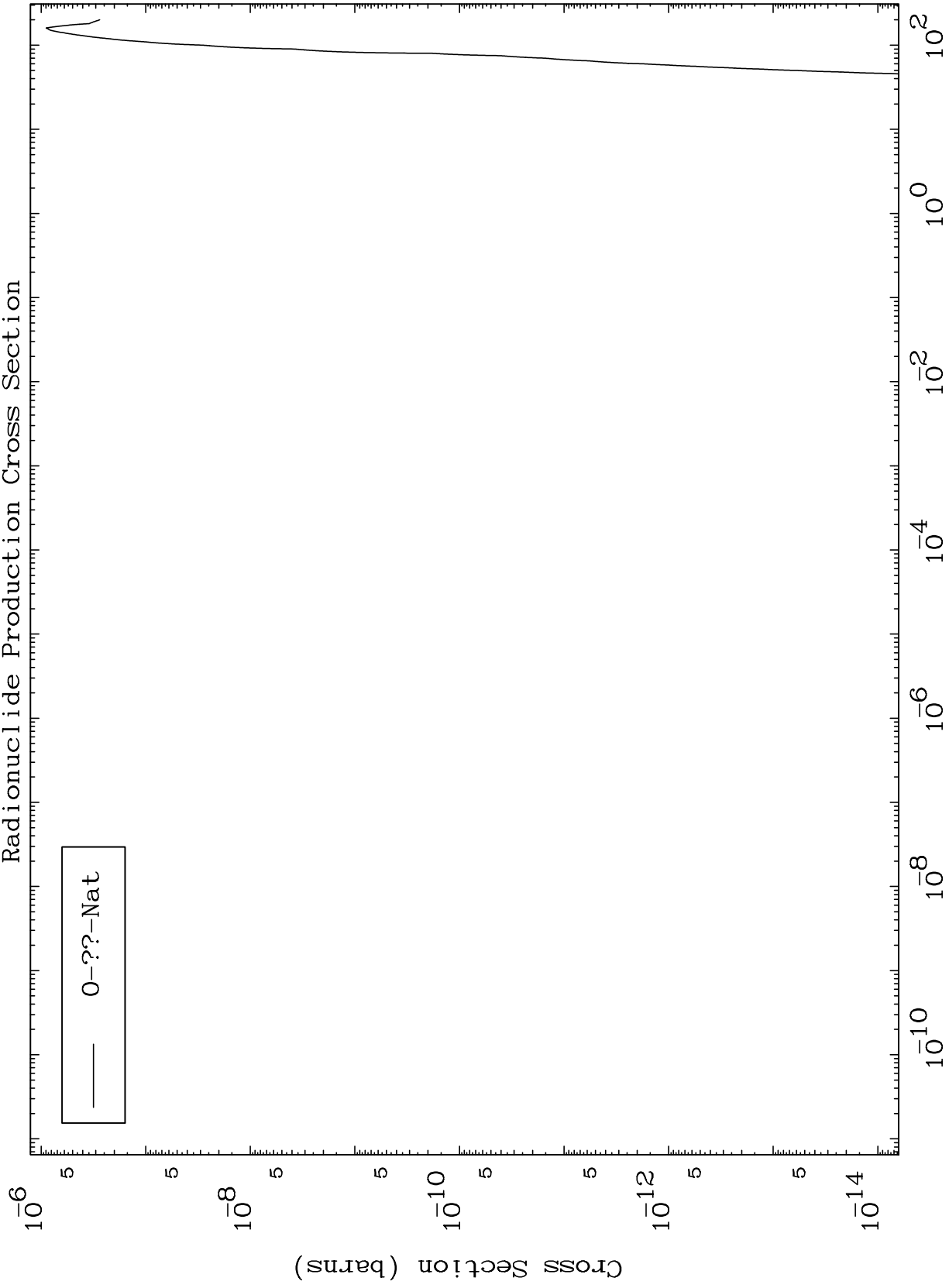
Incident Energy (MeV)

71-Lu-184

MAT 7152

Fission  
Radionuclide Production Cross Section

<sup>71</sup>Lu-184



22

Incident Energy (MeV)

<sup>71</sup>Lu-184