

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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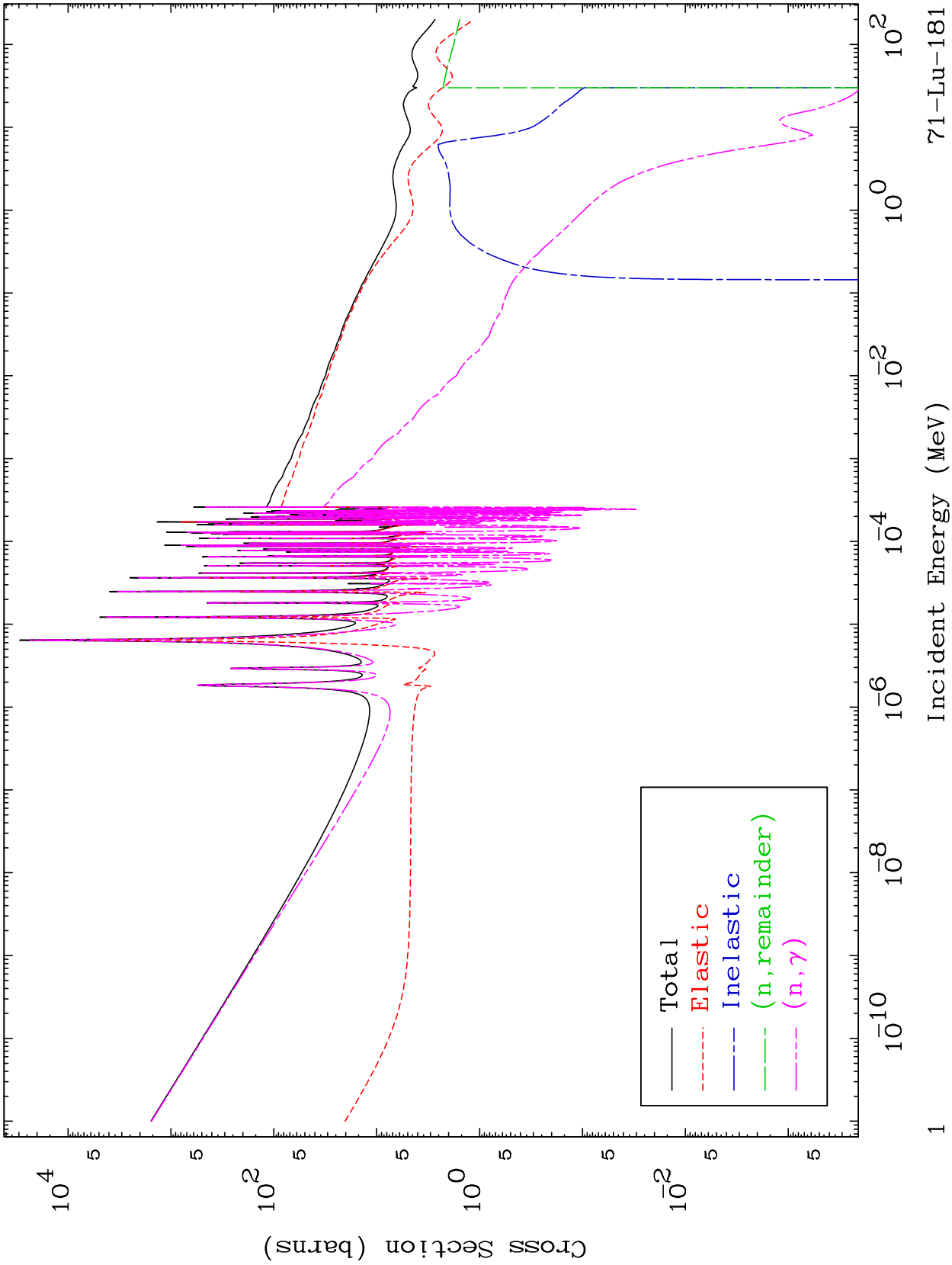
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7143

Major
293 Kelvin Cross Sections

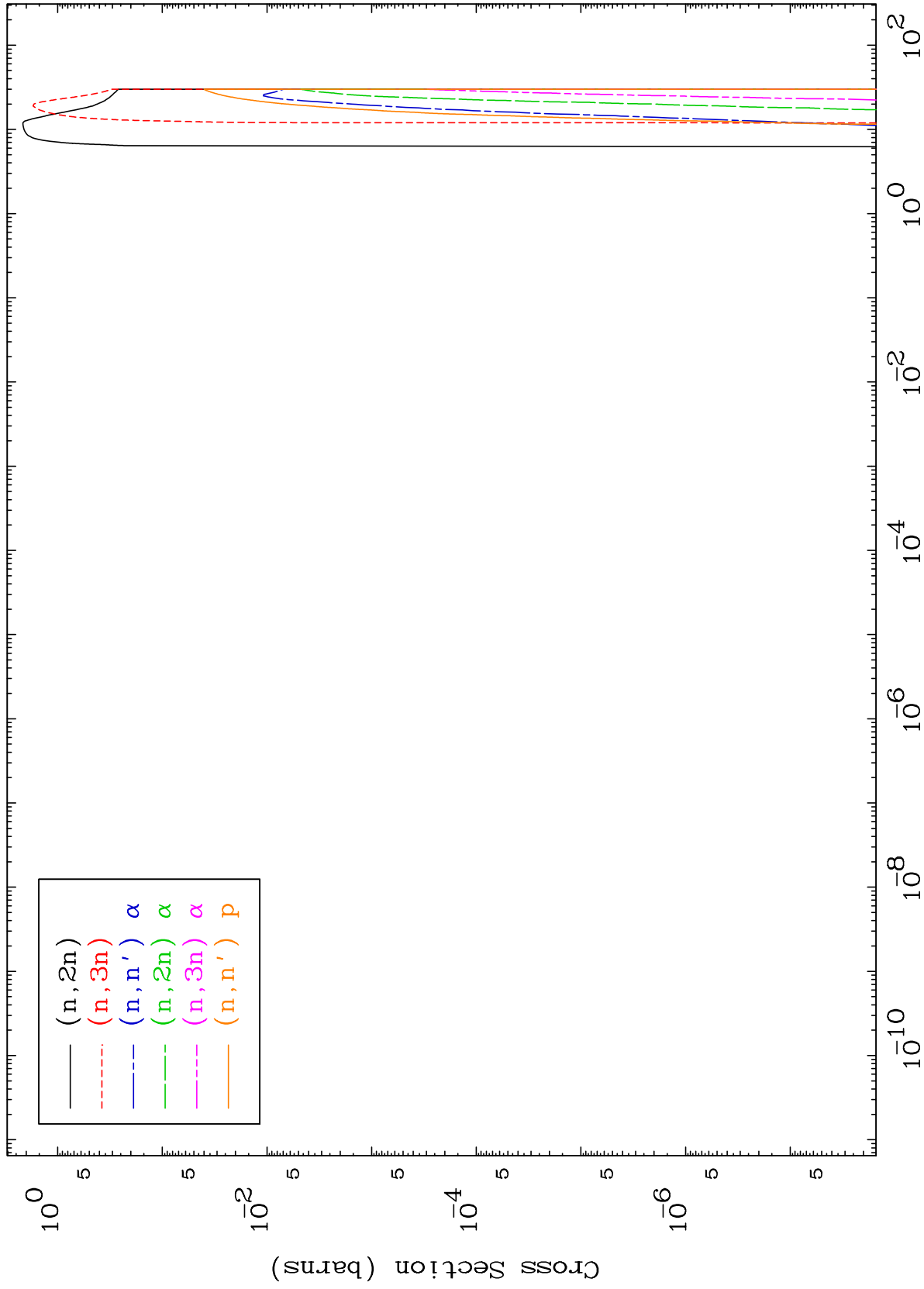
71-Lu-181



MAT 7143

Neutron Production
293 Kelvin Cross Sections

71-Lu-181



2

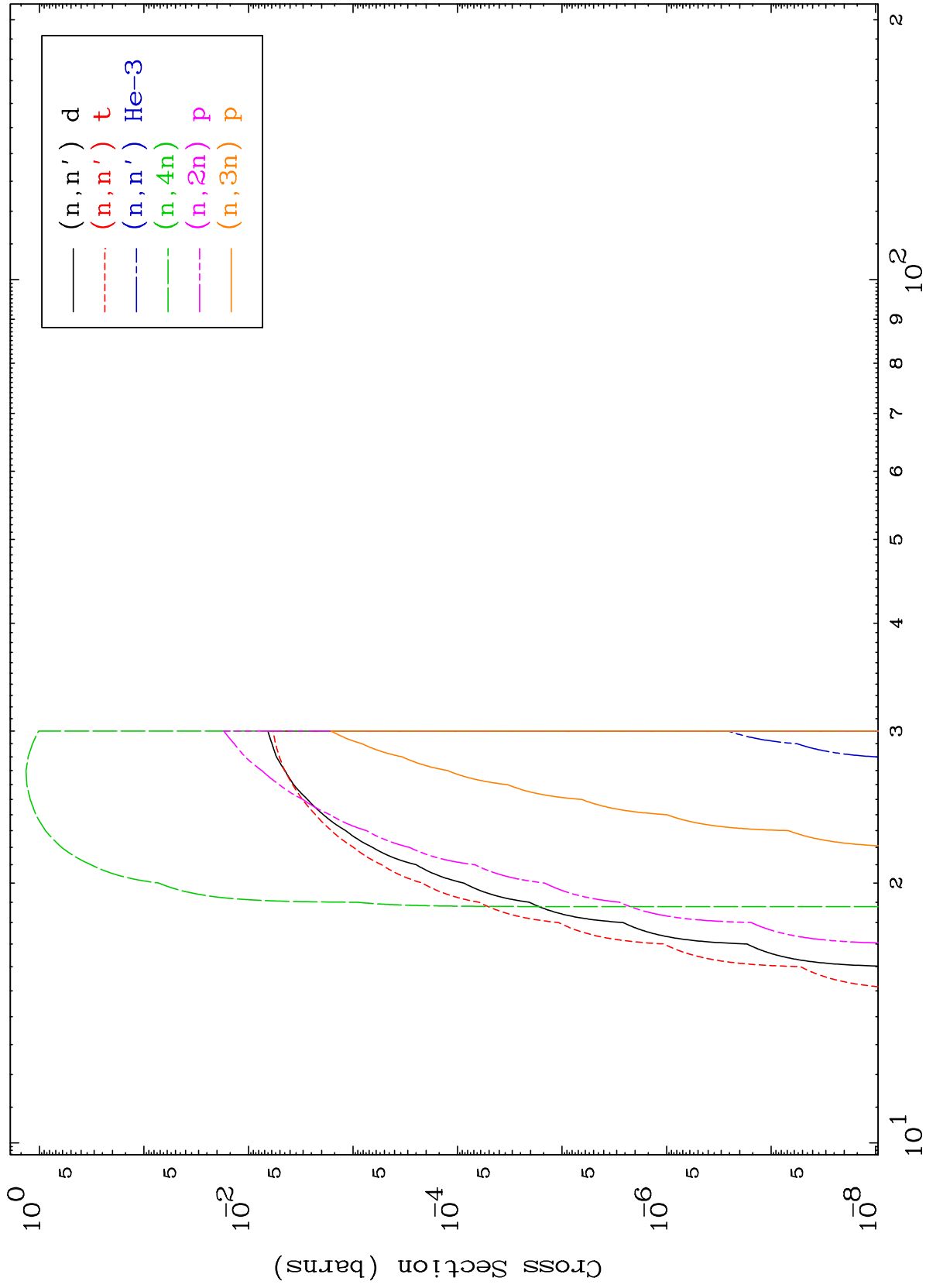
Incident Energy (MeV)

71-Lu-181

MAT 7143

Neutron Production
293 Kelvin Cross Sections

71-Lu-181



71-Lu-181

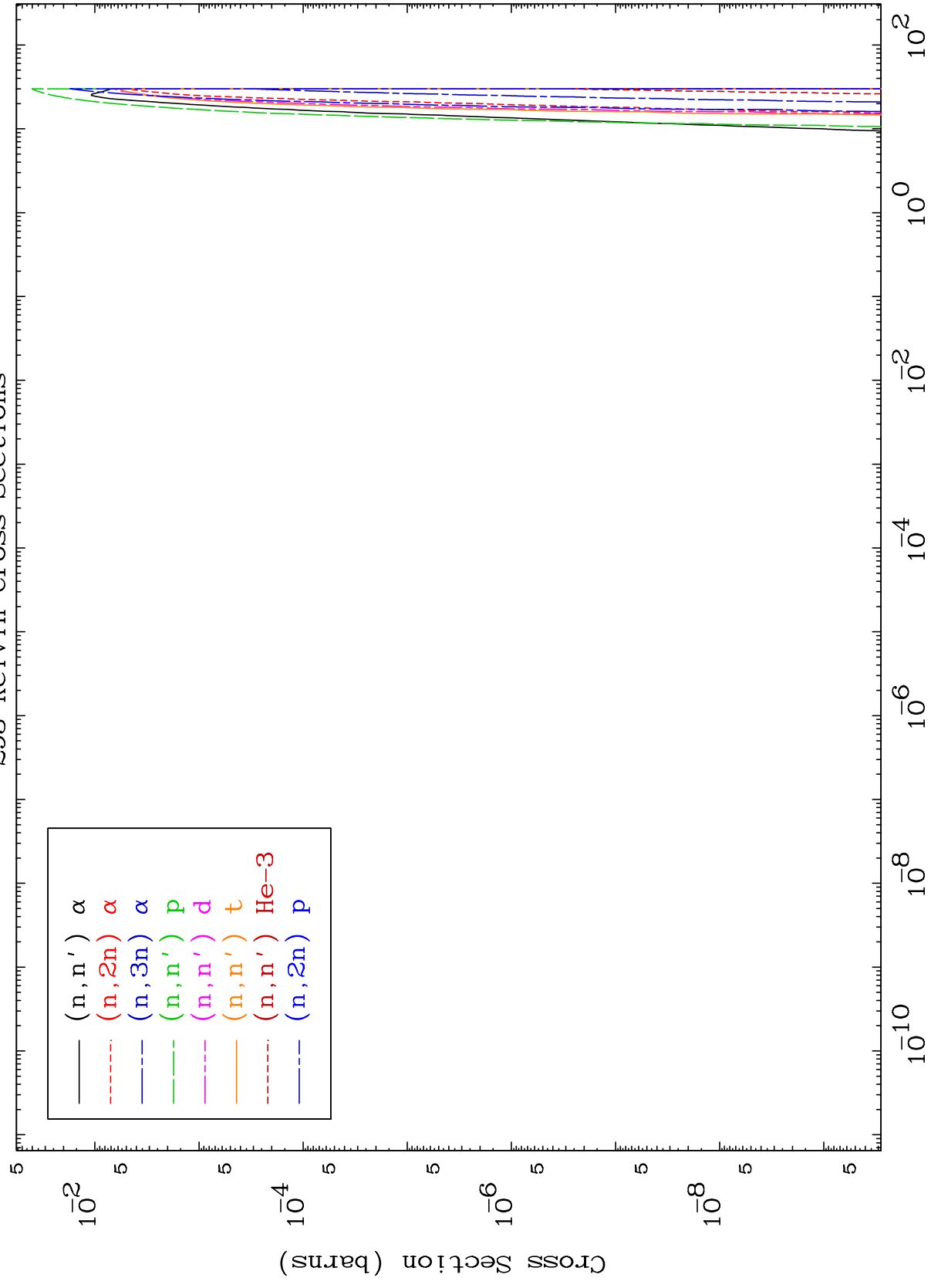
Incident Energy (MeV)

3

MAT 7143

293 Charged Particle
Kelvin Cross Sections

71-Lu-181

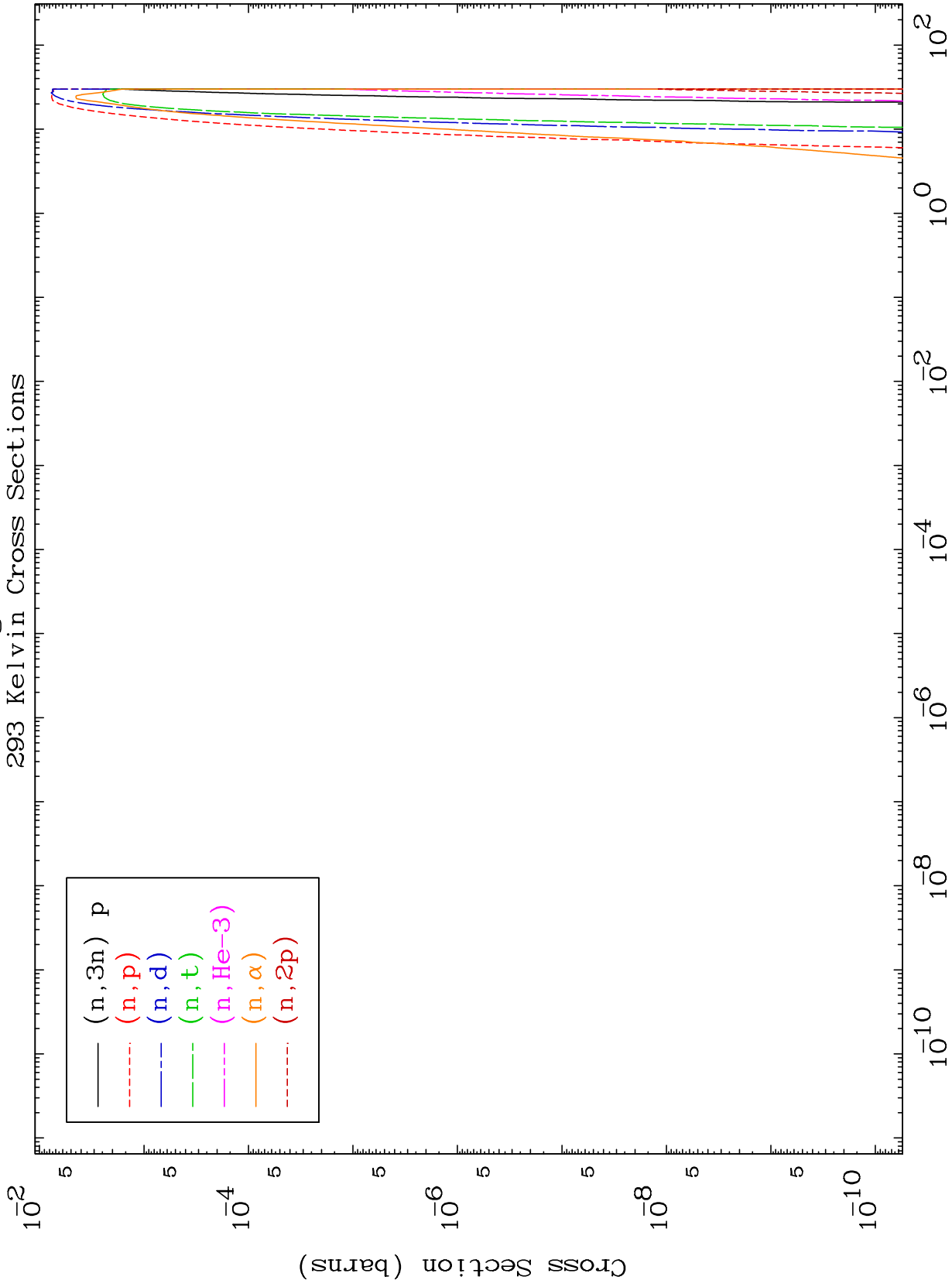


71-Lu-181

MAT 7143

Charged Particle
293 Kelvin Cross Sections

71-Lu-181



5

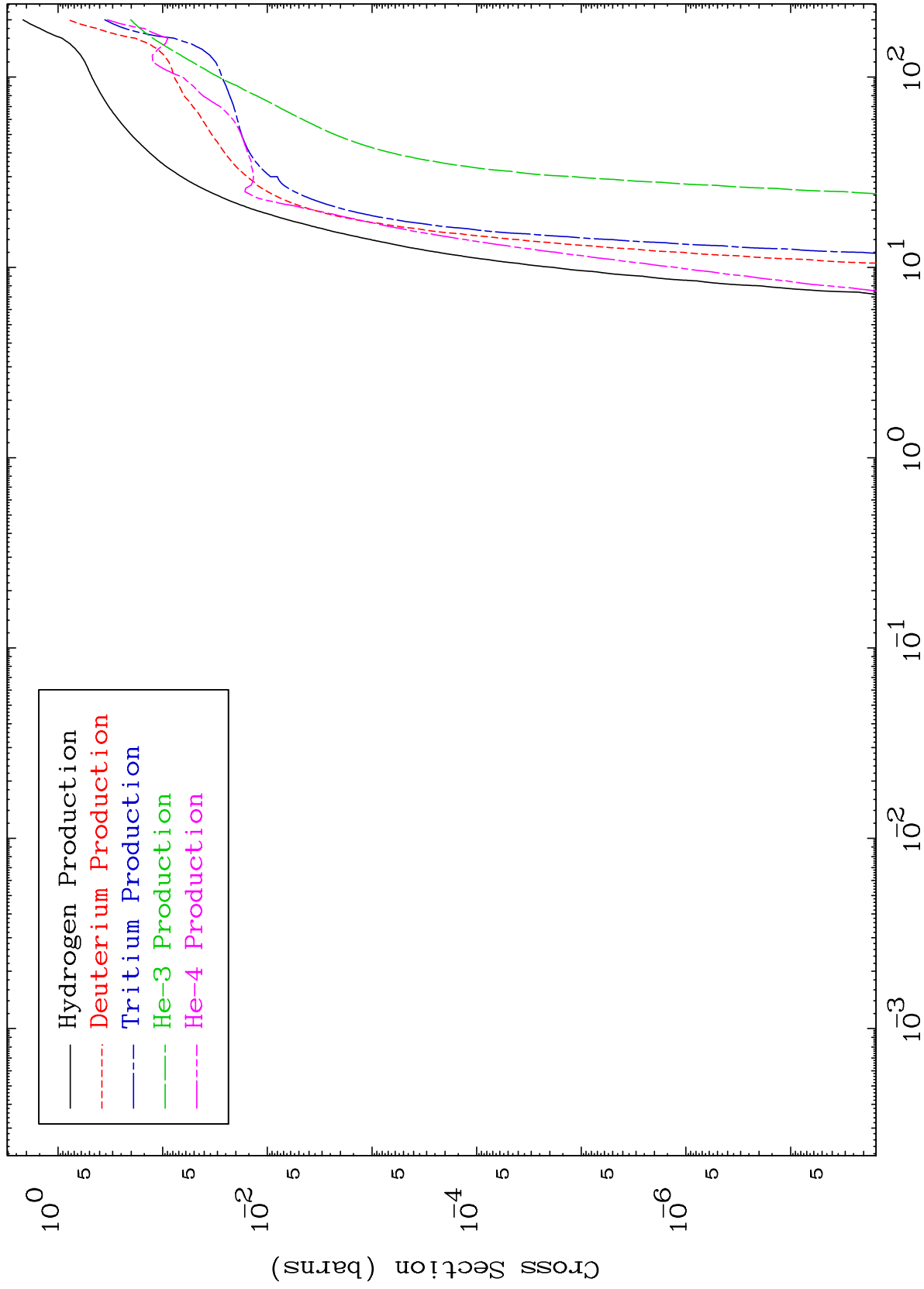
Incident Energy (MeV)

71-Lu-181

MAT 7143

Particle Production
293 Kelvin Cross Sections

71-Lu-181



6

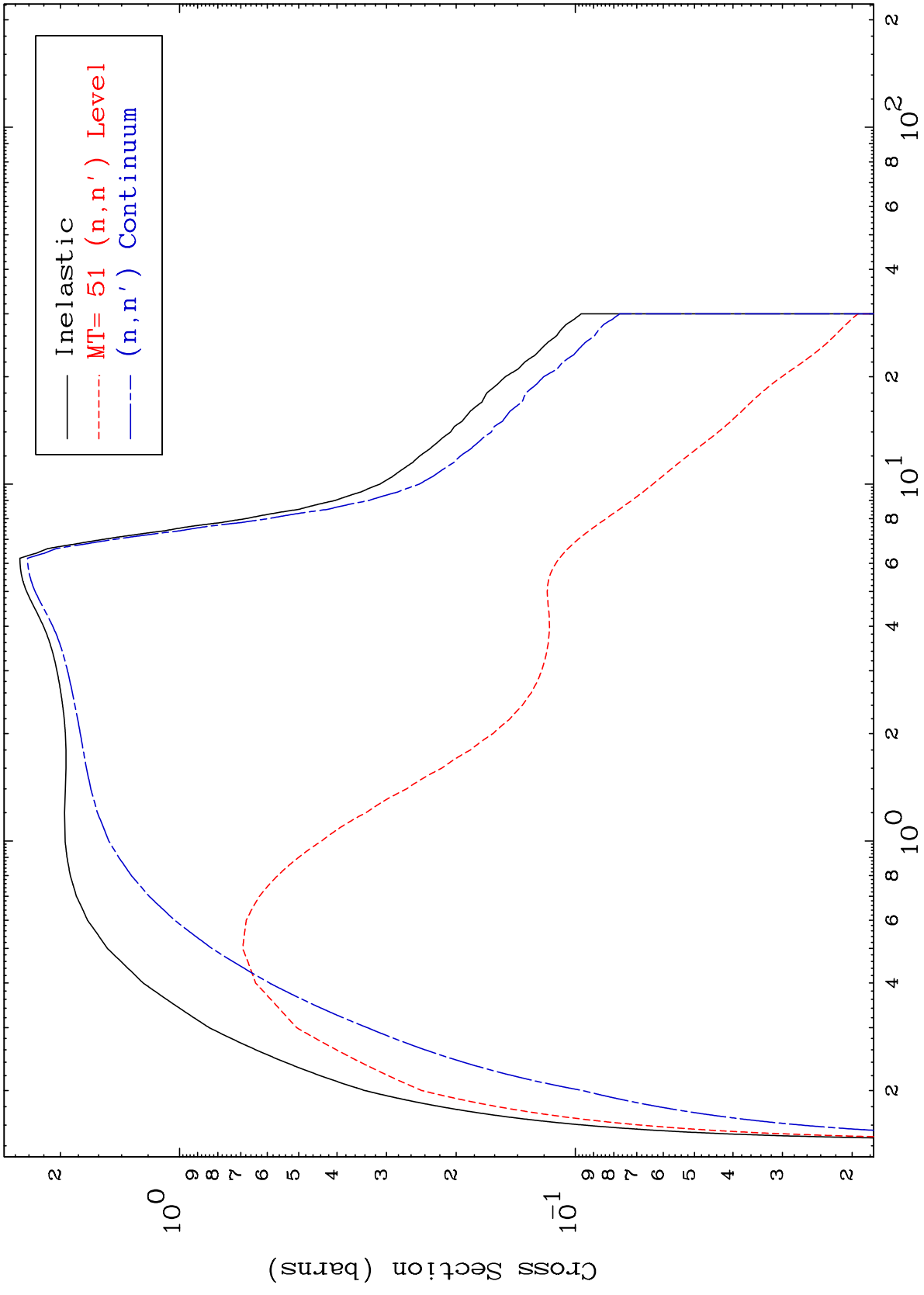
Incident Energy (MeV)

71-Lu-181

MAT 7143

(n,n') Level
293 Kelvin Cross Sections

71-Lu-181



7

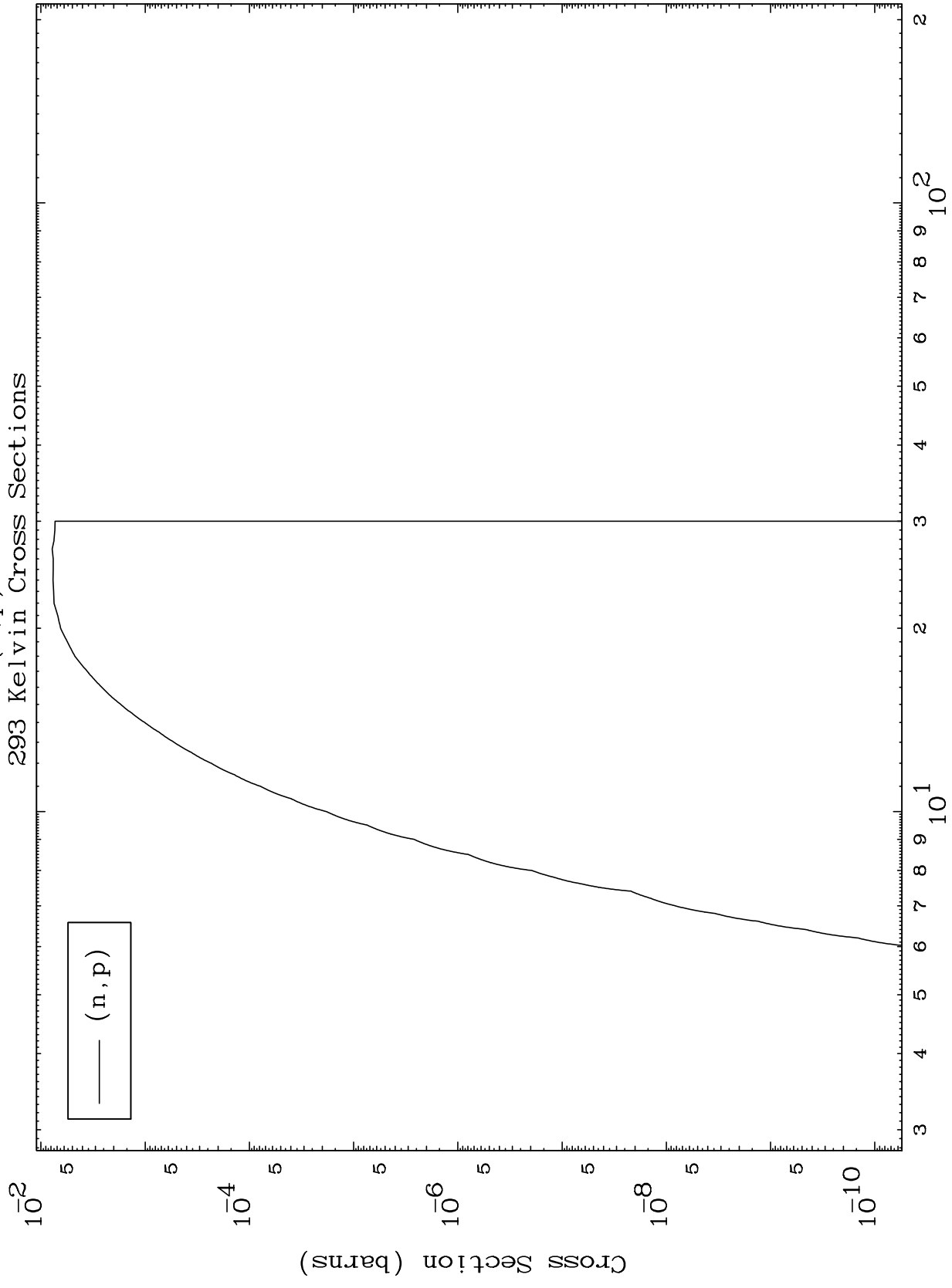
Incident Energy (MeV)

71-Lu-181

MAT 7143

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-181



(n,p)

8

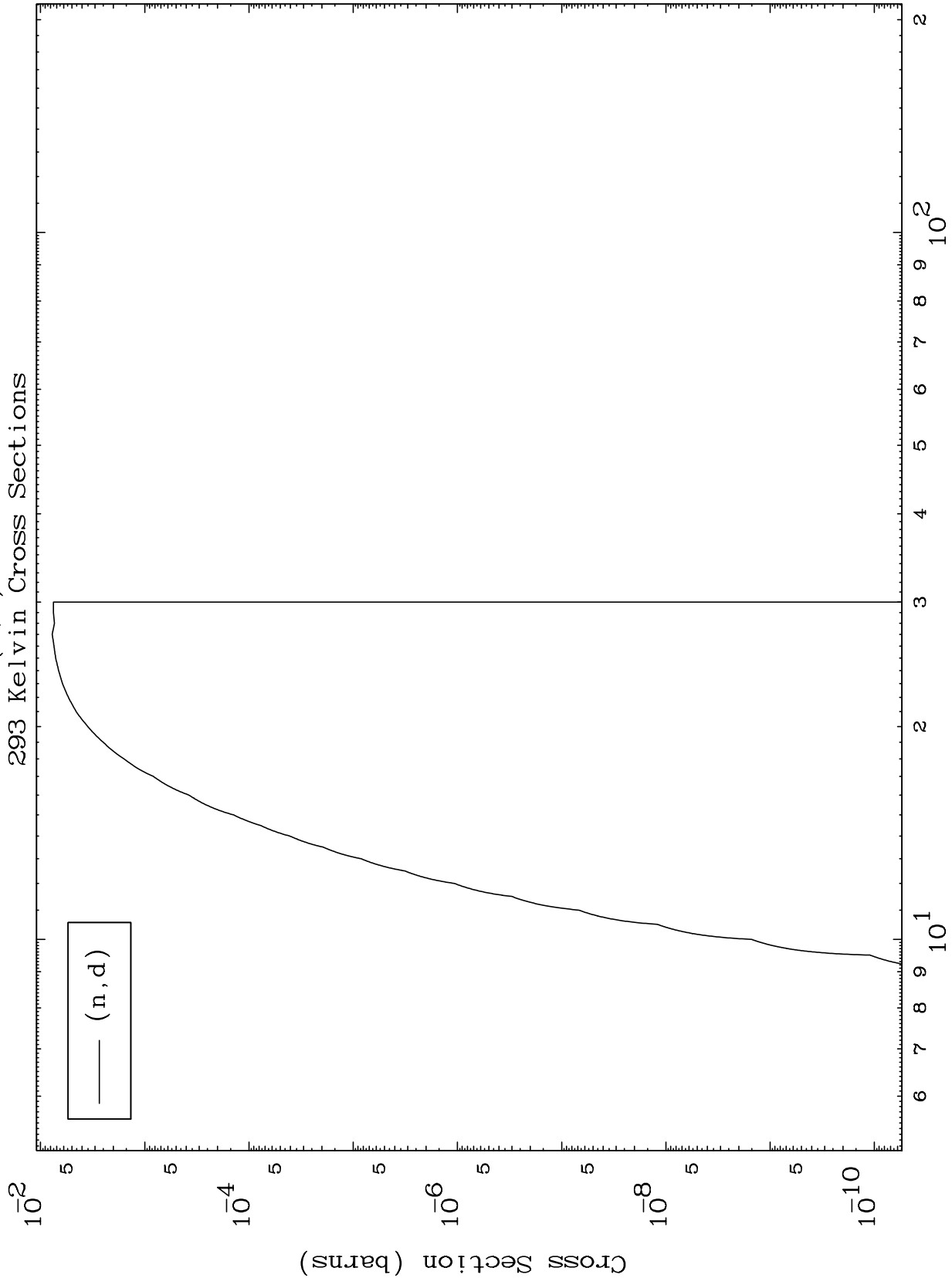
Incident Energy (MeV)

71-Lu-181

MAT 7143

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-181



9

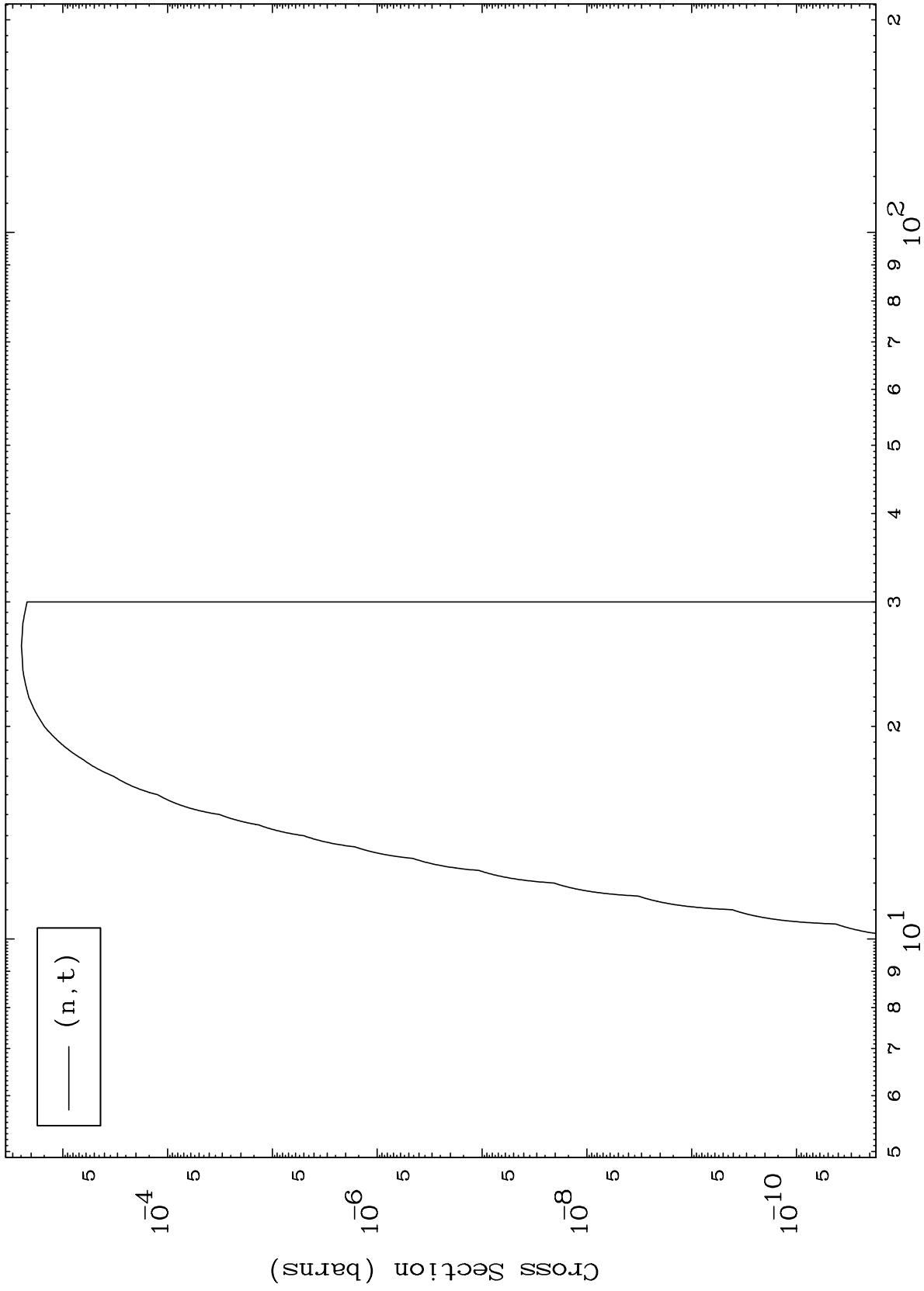
Incident Energy (MeV)

71-Lu-181

MAT 7143

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-181



10

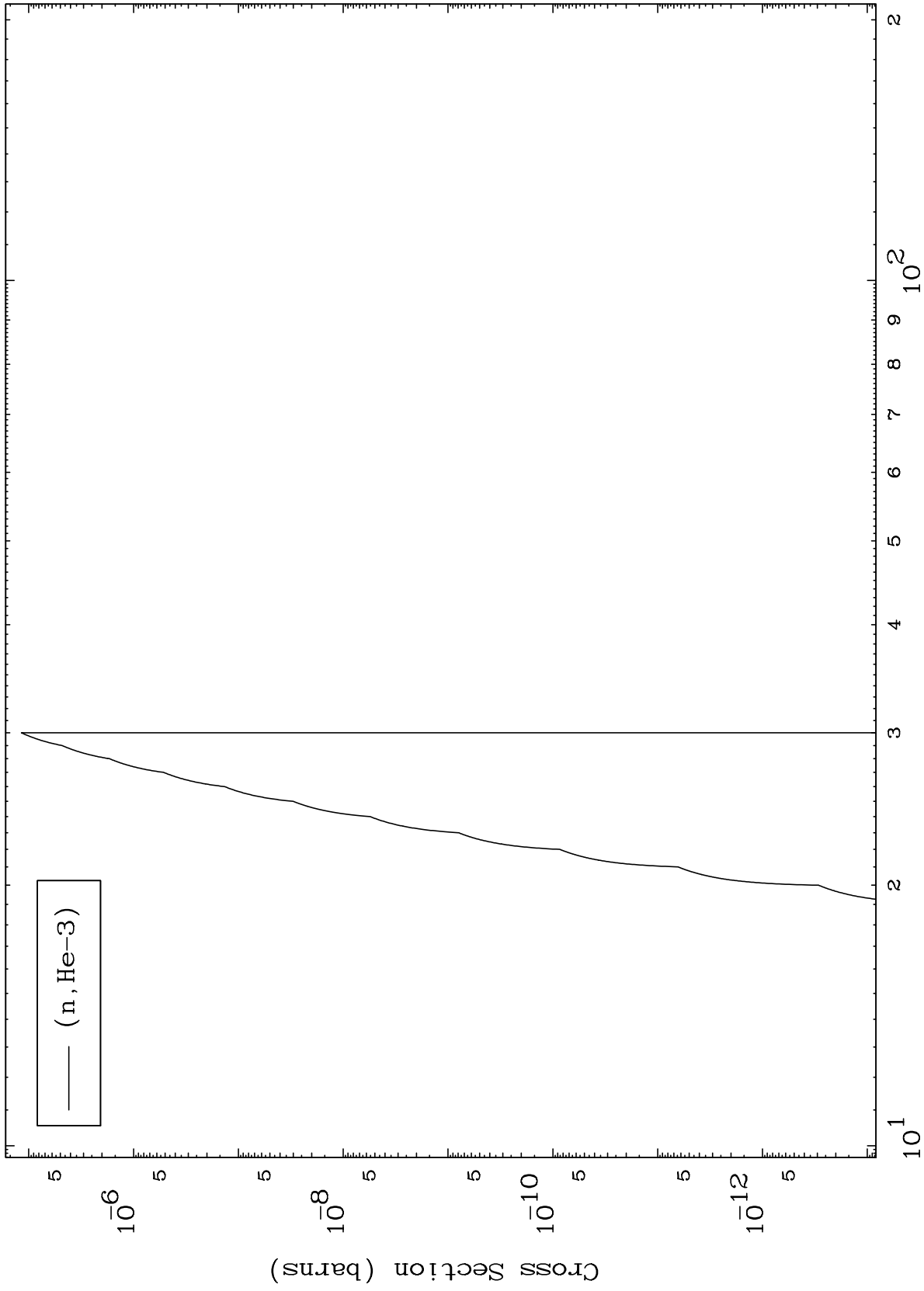
Incident Energy (MeV)

71-Lu-181

MAT 7143

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-181



11

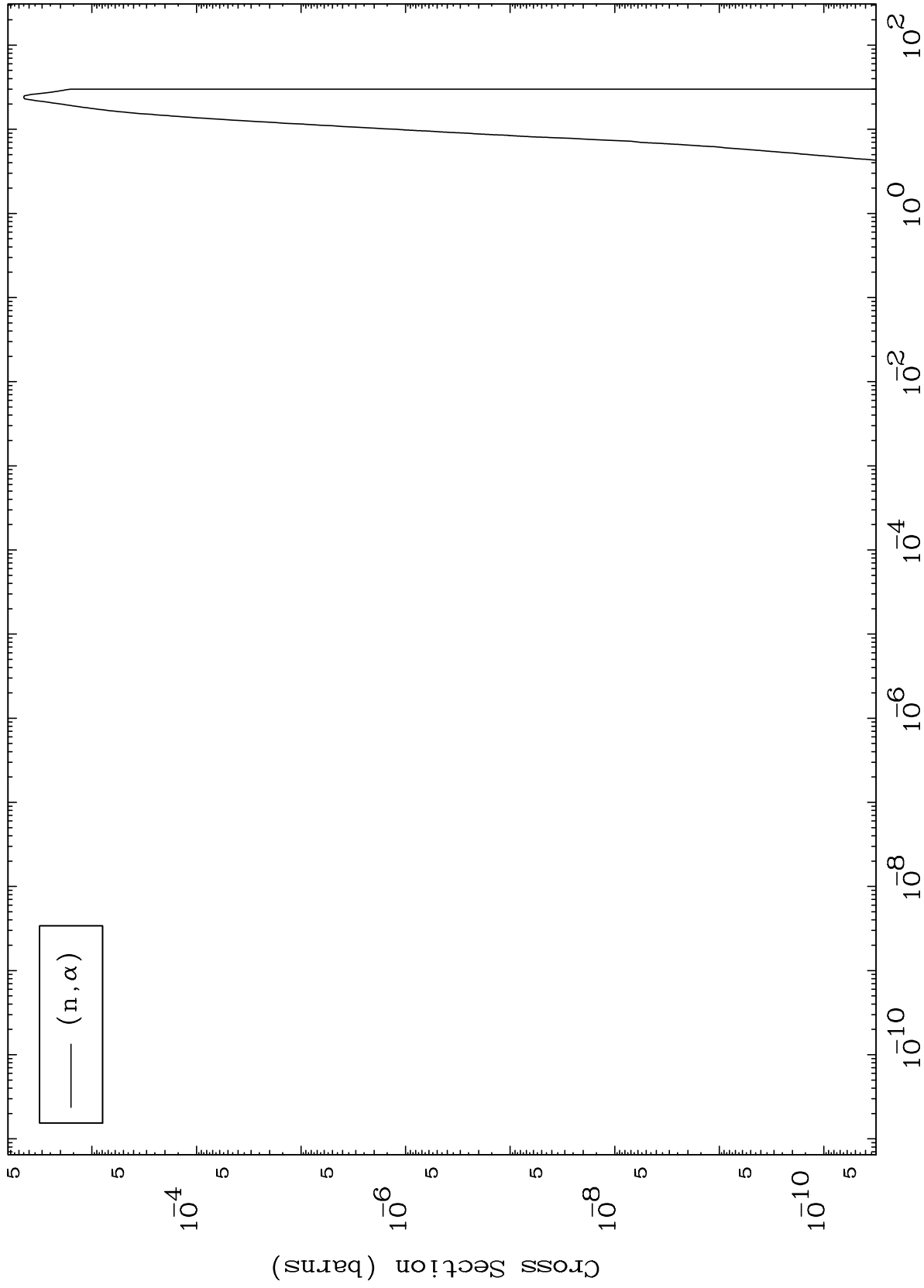
Incident Energy (MeV)

71-Lu-181

MAT 7143

(n,α) Levels
293 Kelvin Cross Sections

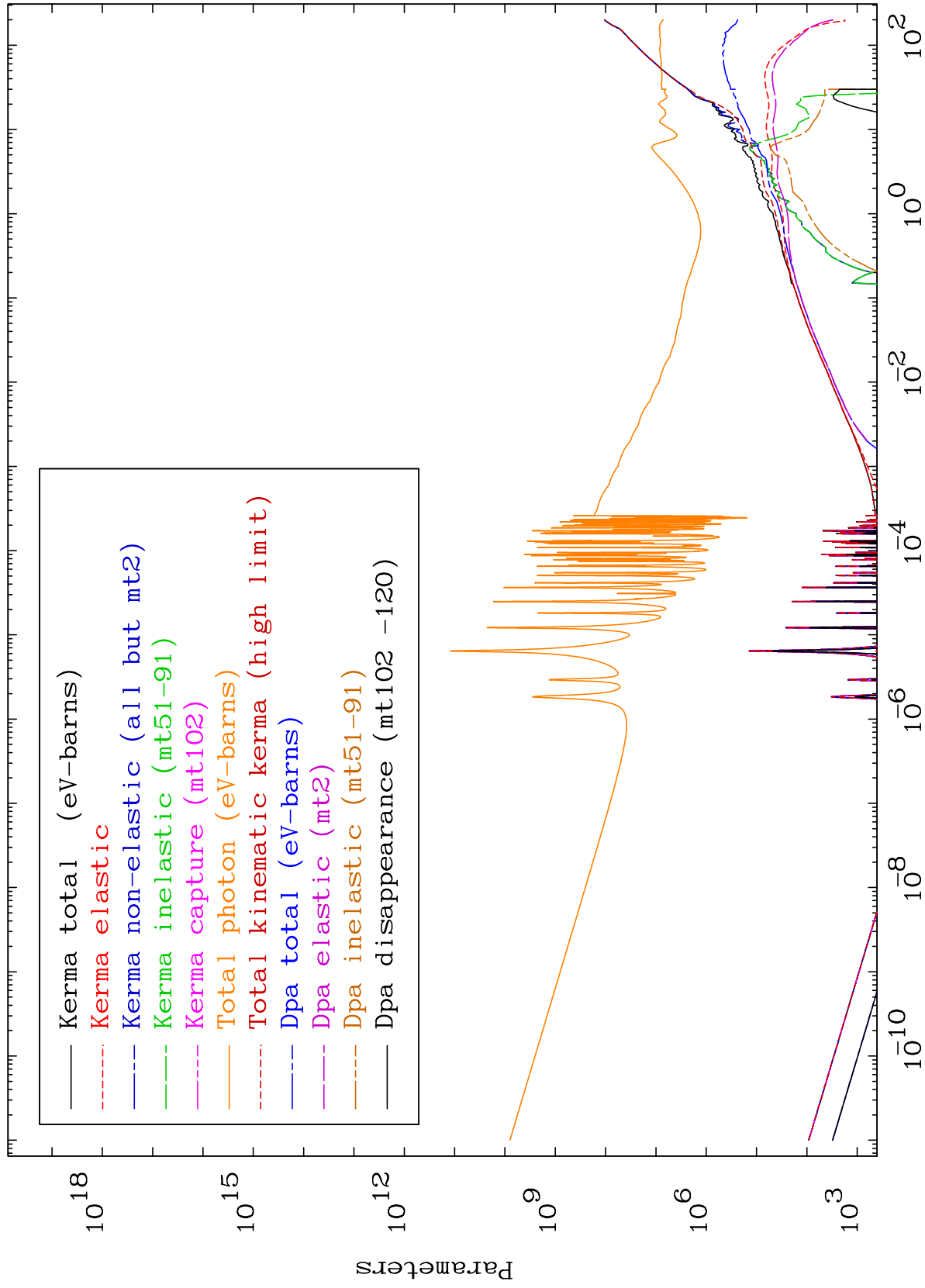
71-Lu-181



12

Incident Energy (MeV)

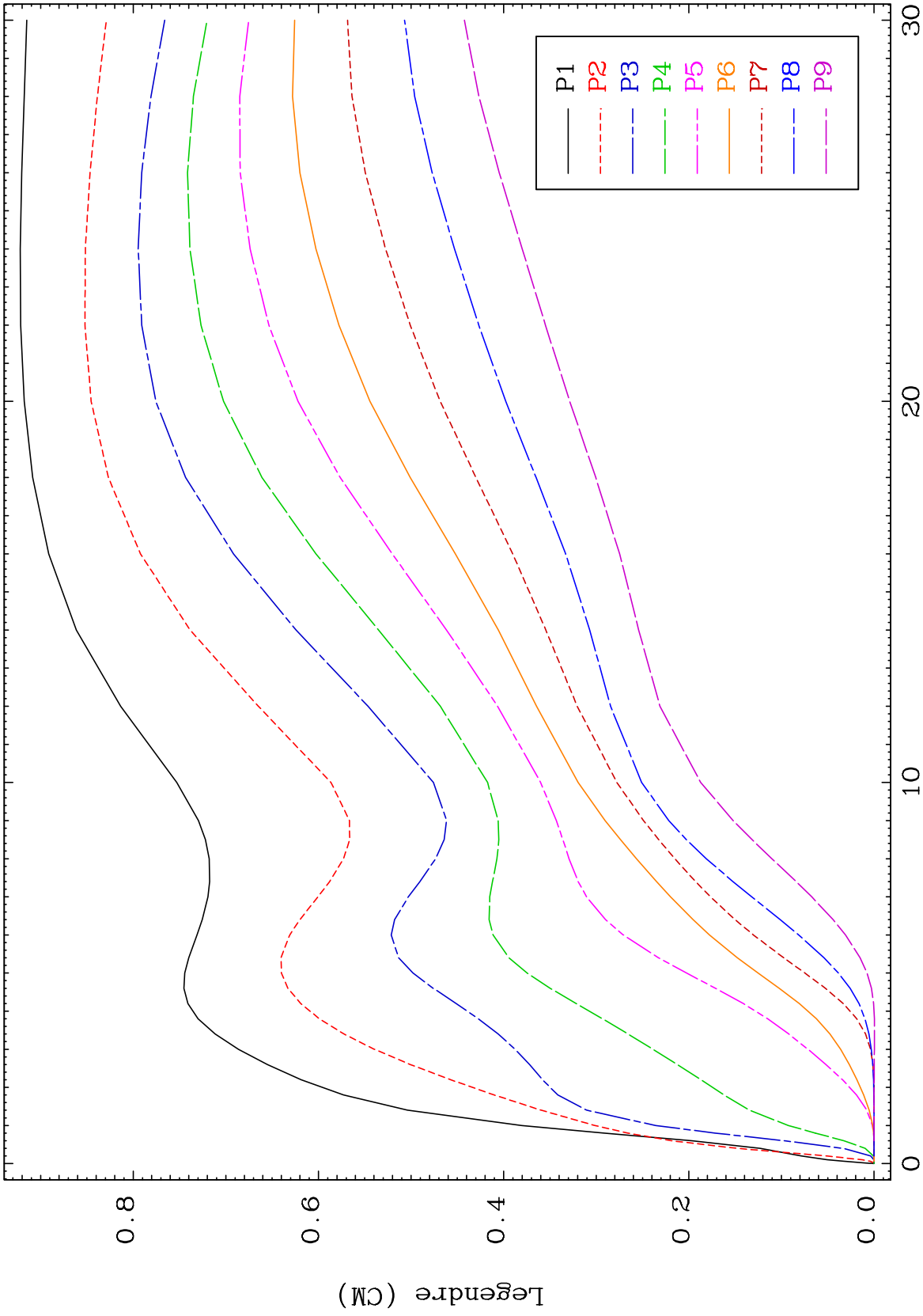
71-Lu-181



MAT 7143

71-Lu-181

Elastic Legendre Coefficients



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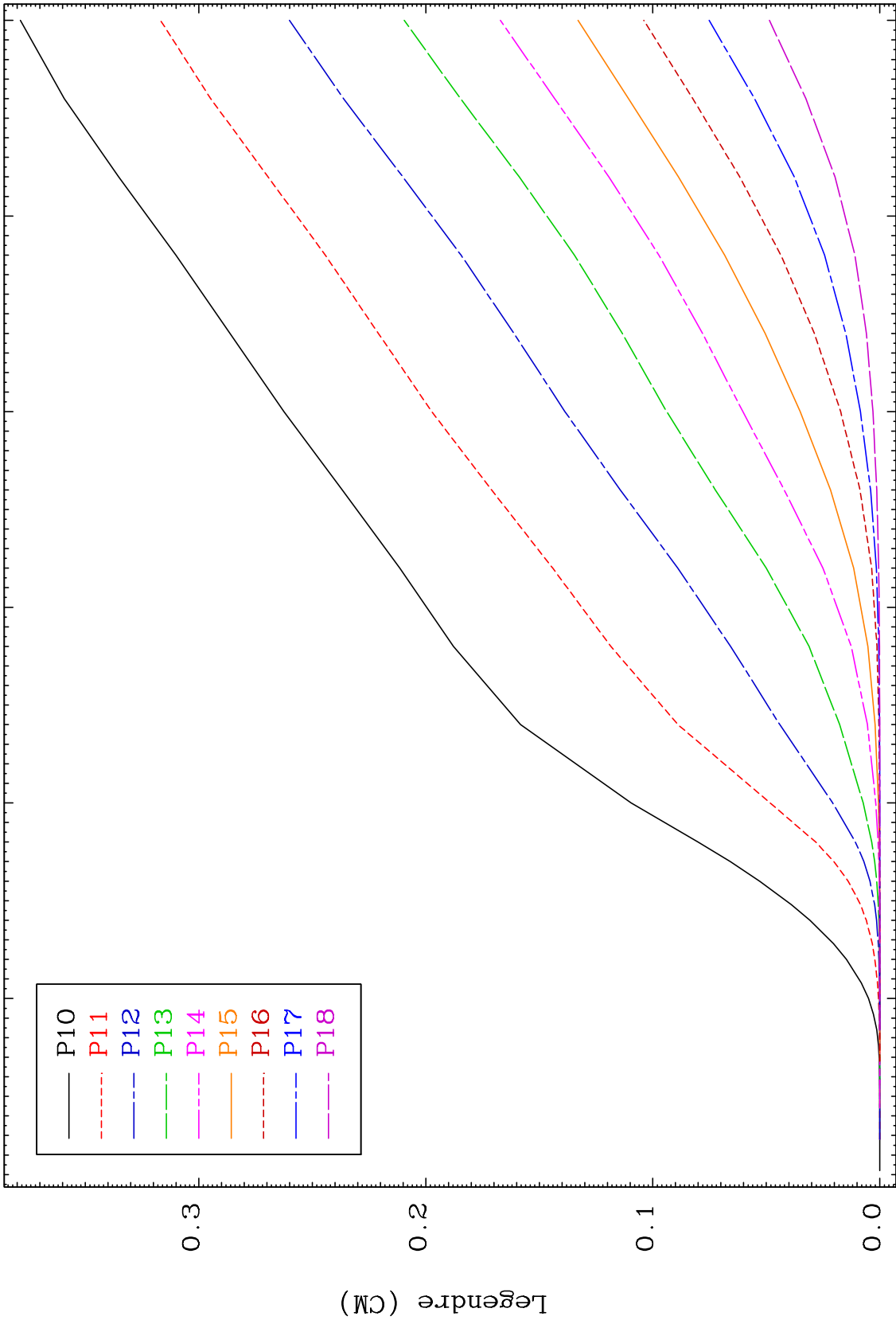
Incident Energy (MeV)

71-Lu-181

MAT 7143

Elastic Legendre Coefficients

⁷¹Lu-181



15

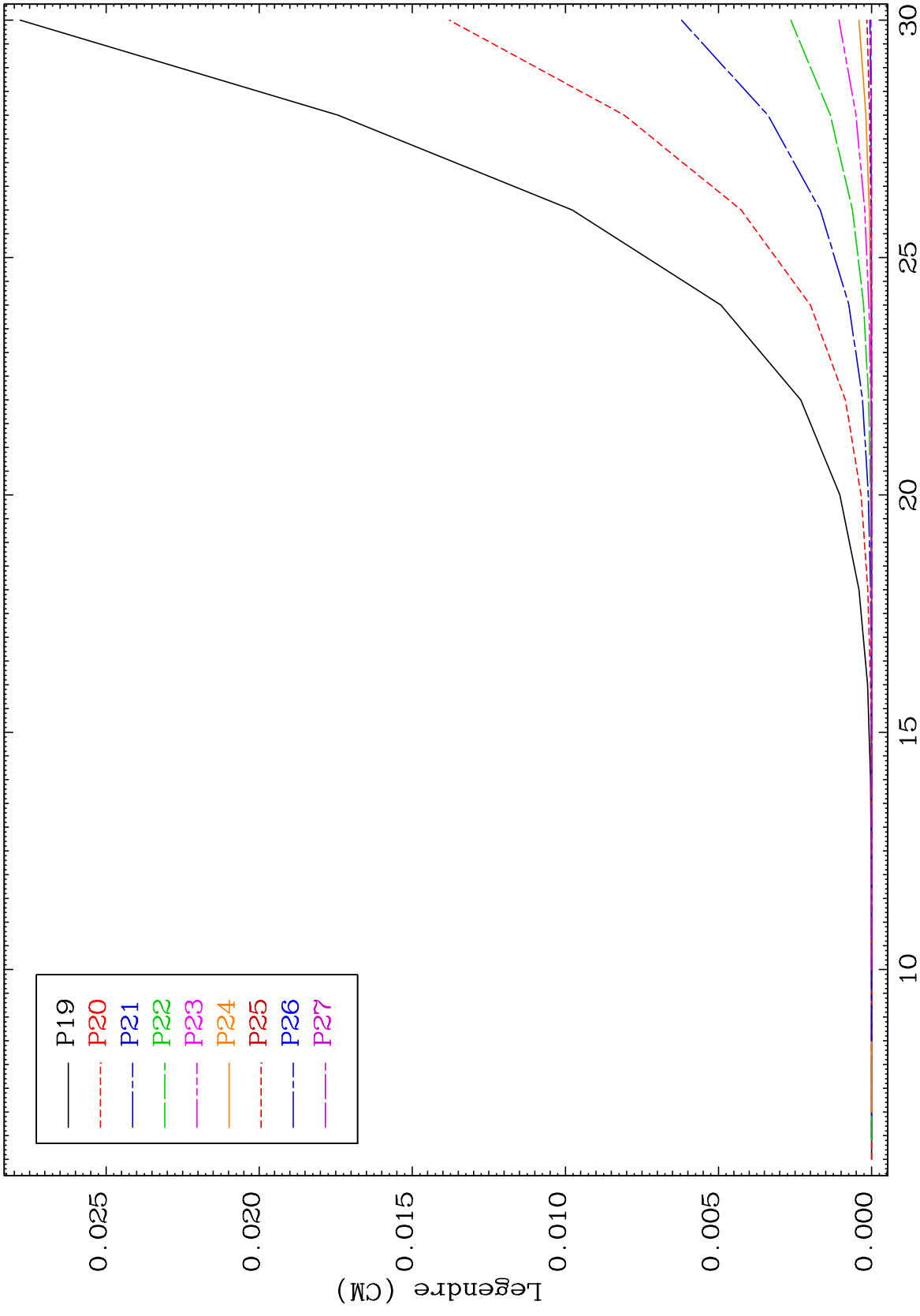
Incident Energy (MeV)

⁷¹Lu-181

MAT 7143

Elastic Legendre Coefficients

71-Lu-181



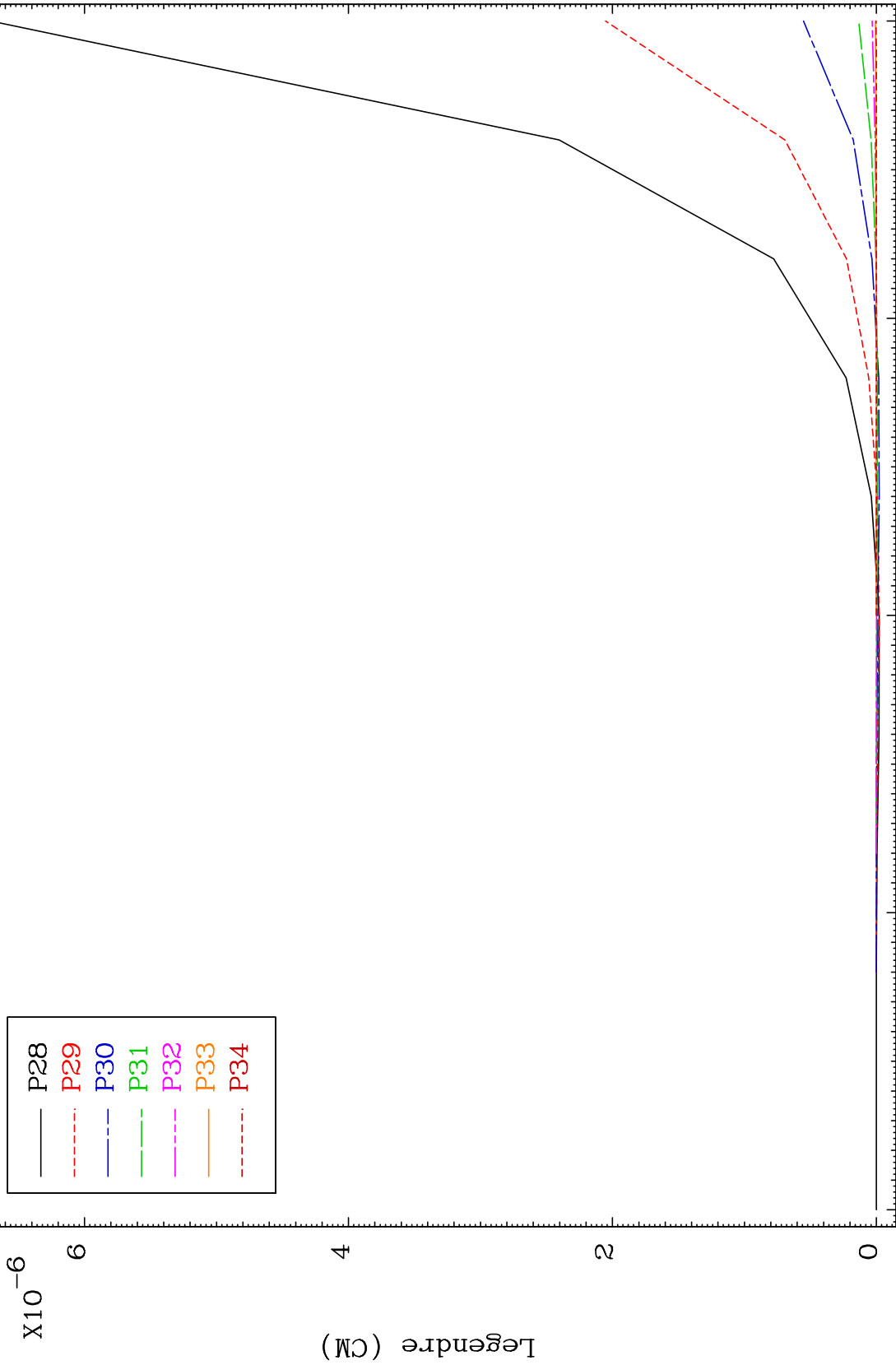
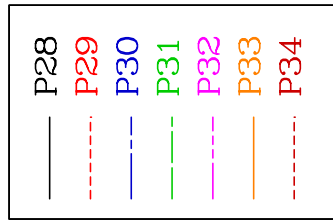
16

71-Lu-181

MAT 7143

Elastic Legendre Coefficients

71-Lu-181



17

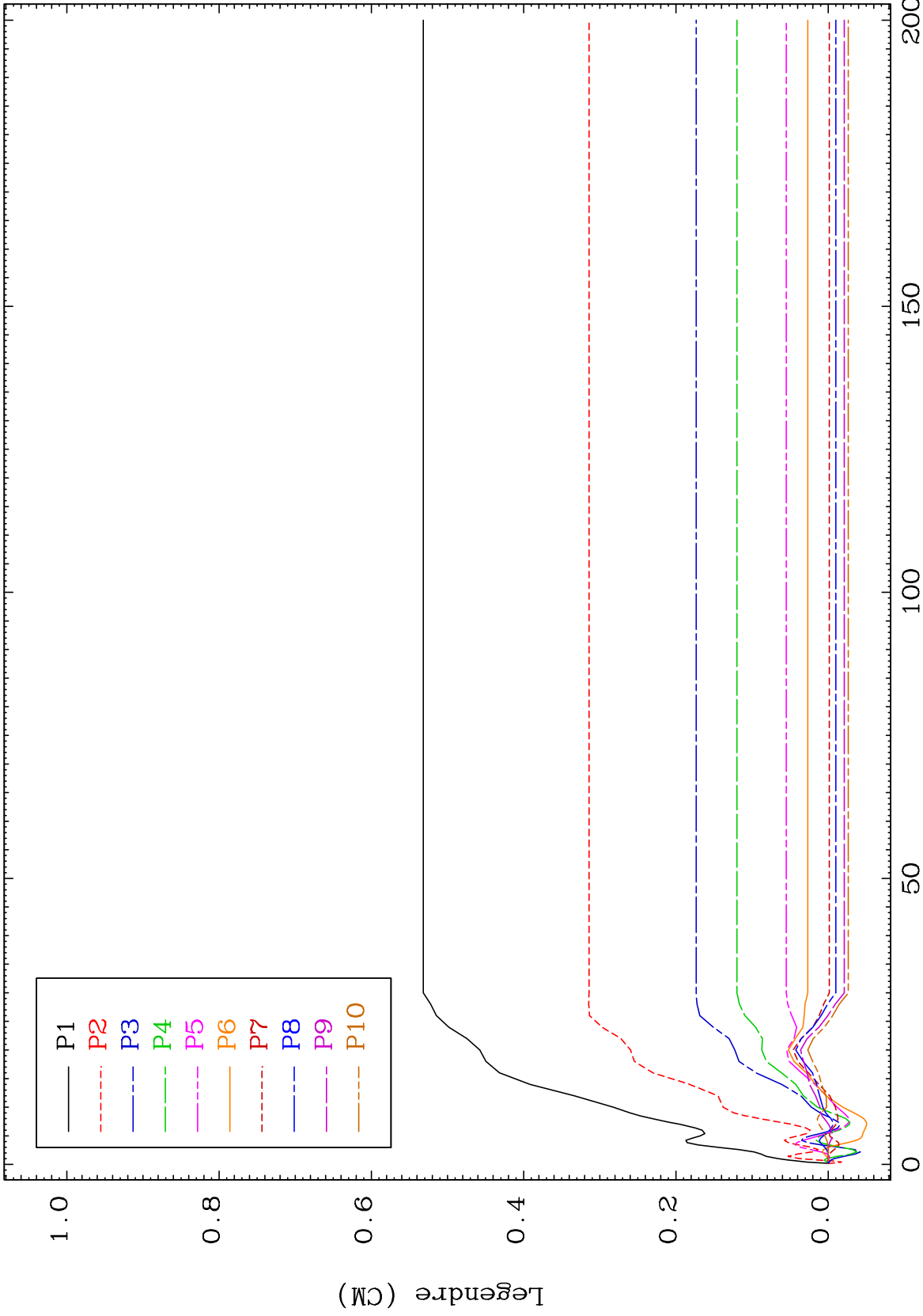
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



18

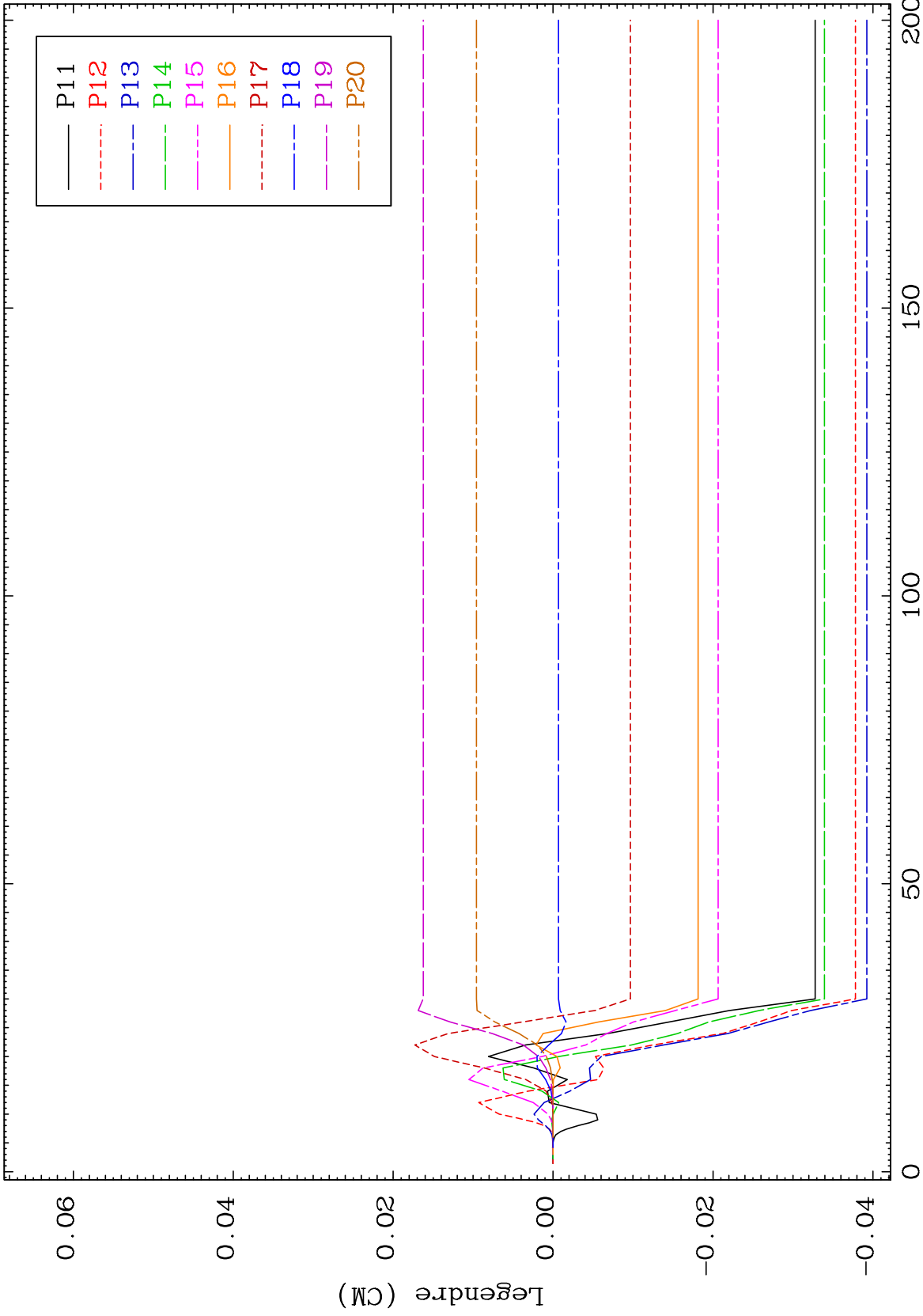
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



19

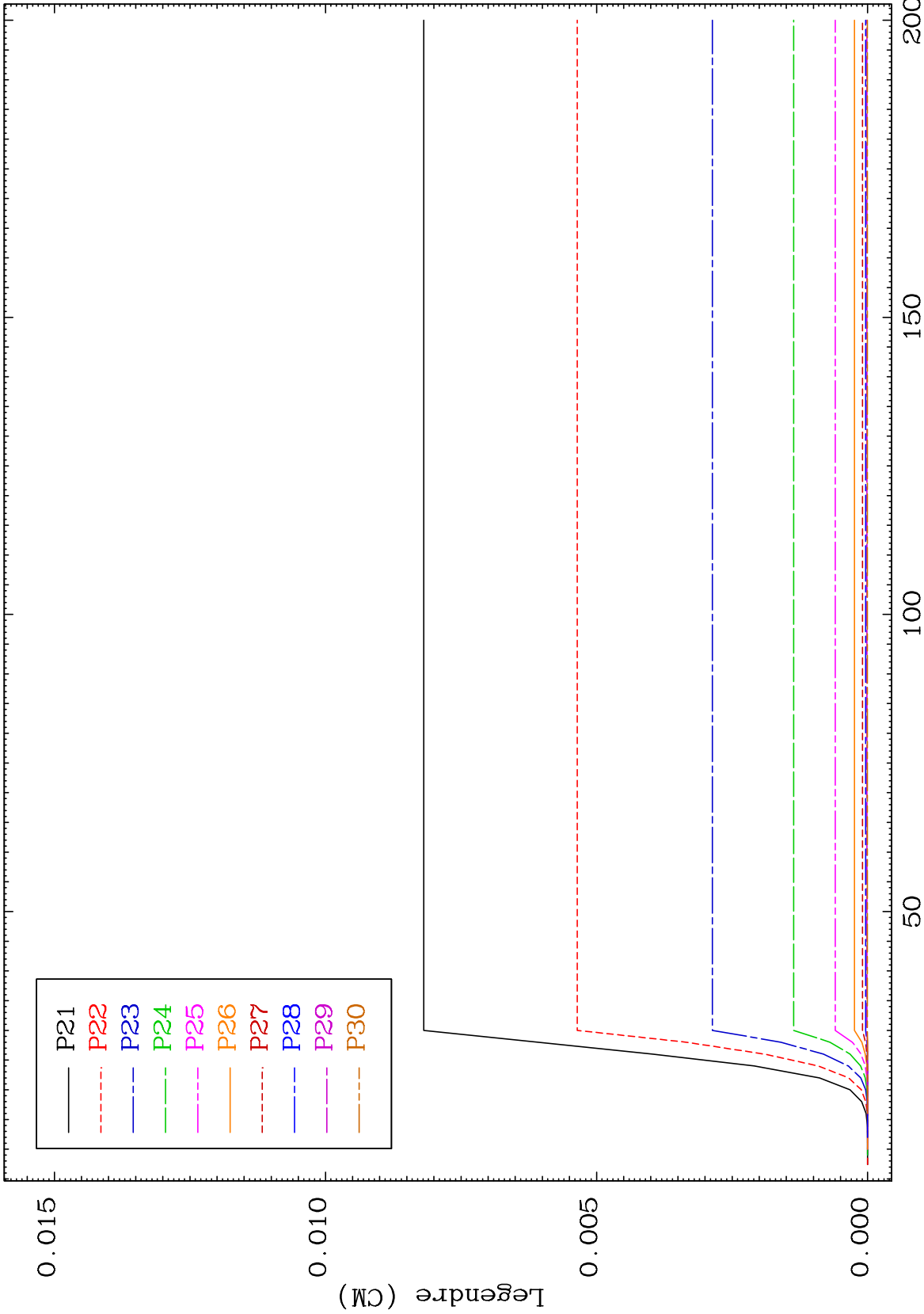
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



20

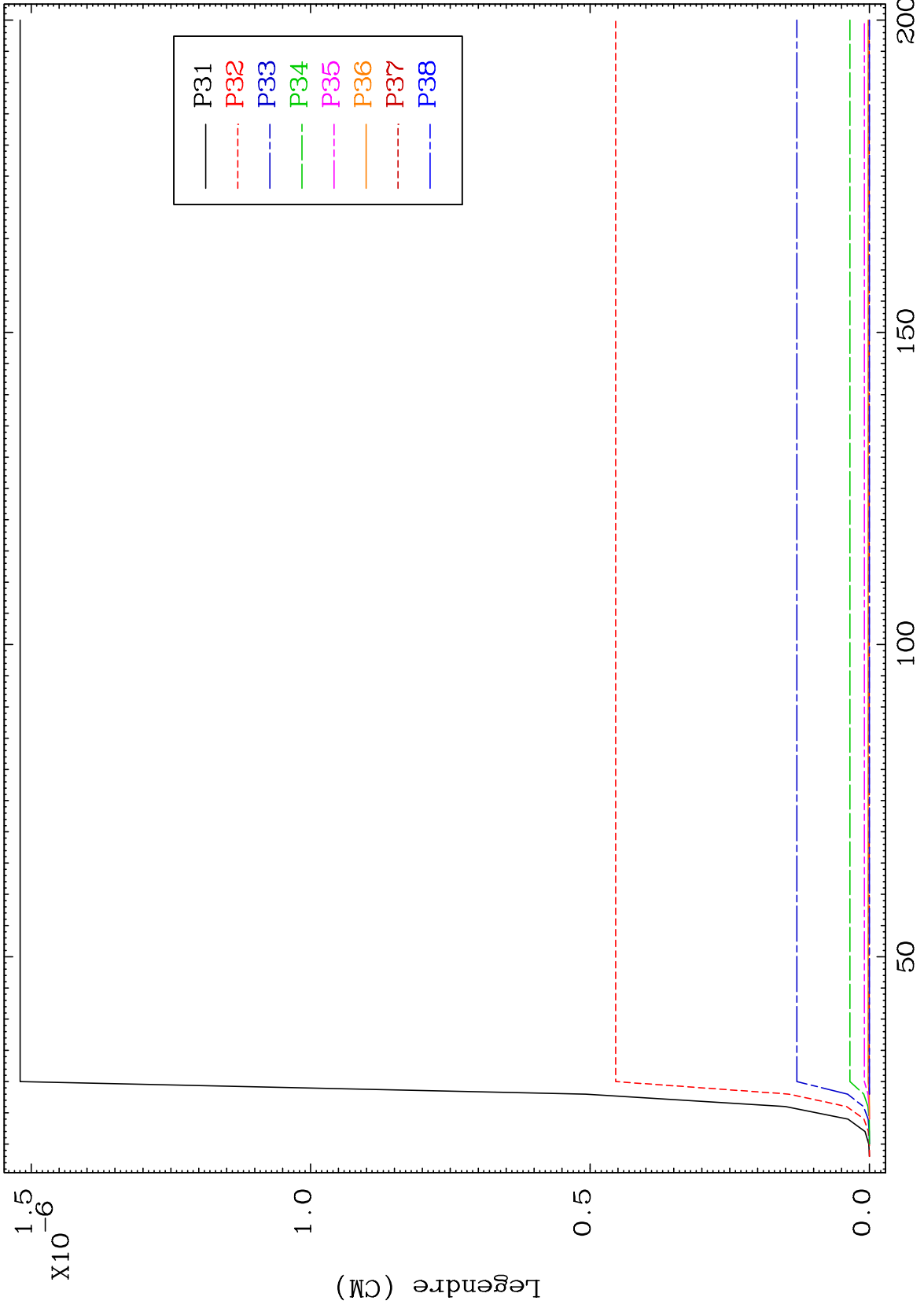
Incident Energy (MeV)

71-Lu-181

MAT 7143

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

71-Lu-181



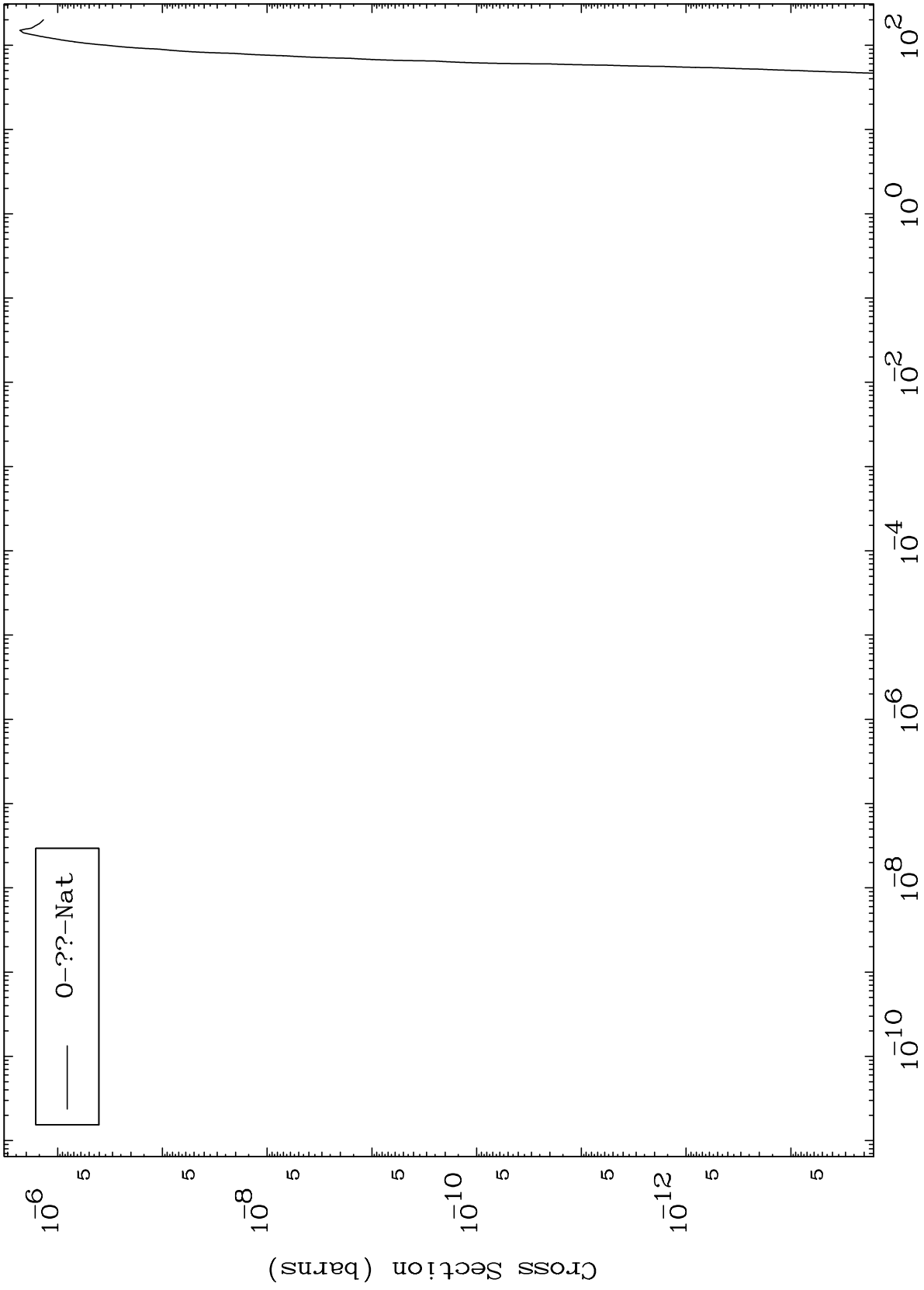
21

71-Lu-181

MAT 7143

Fission
Radionuclide Production Cross Section

⁷¹Lu-181



22

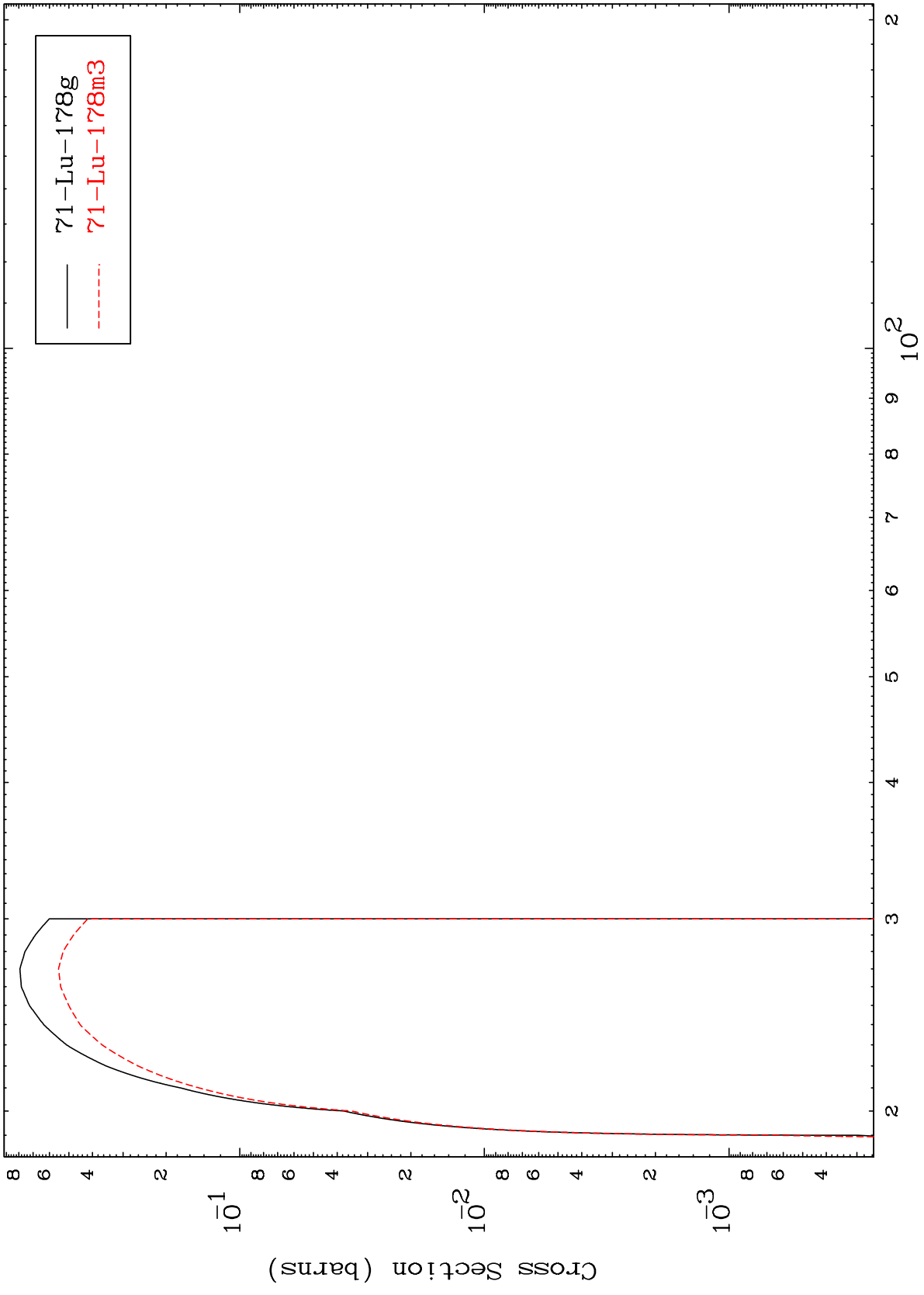
⁷¹Lu-181

MAT 7143

(n,4n)

⁷¹Lu-181

Radionuclide Production Cross Section



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Incident Energy (MeV)

⁷¹Lu-181