

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

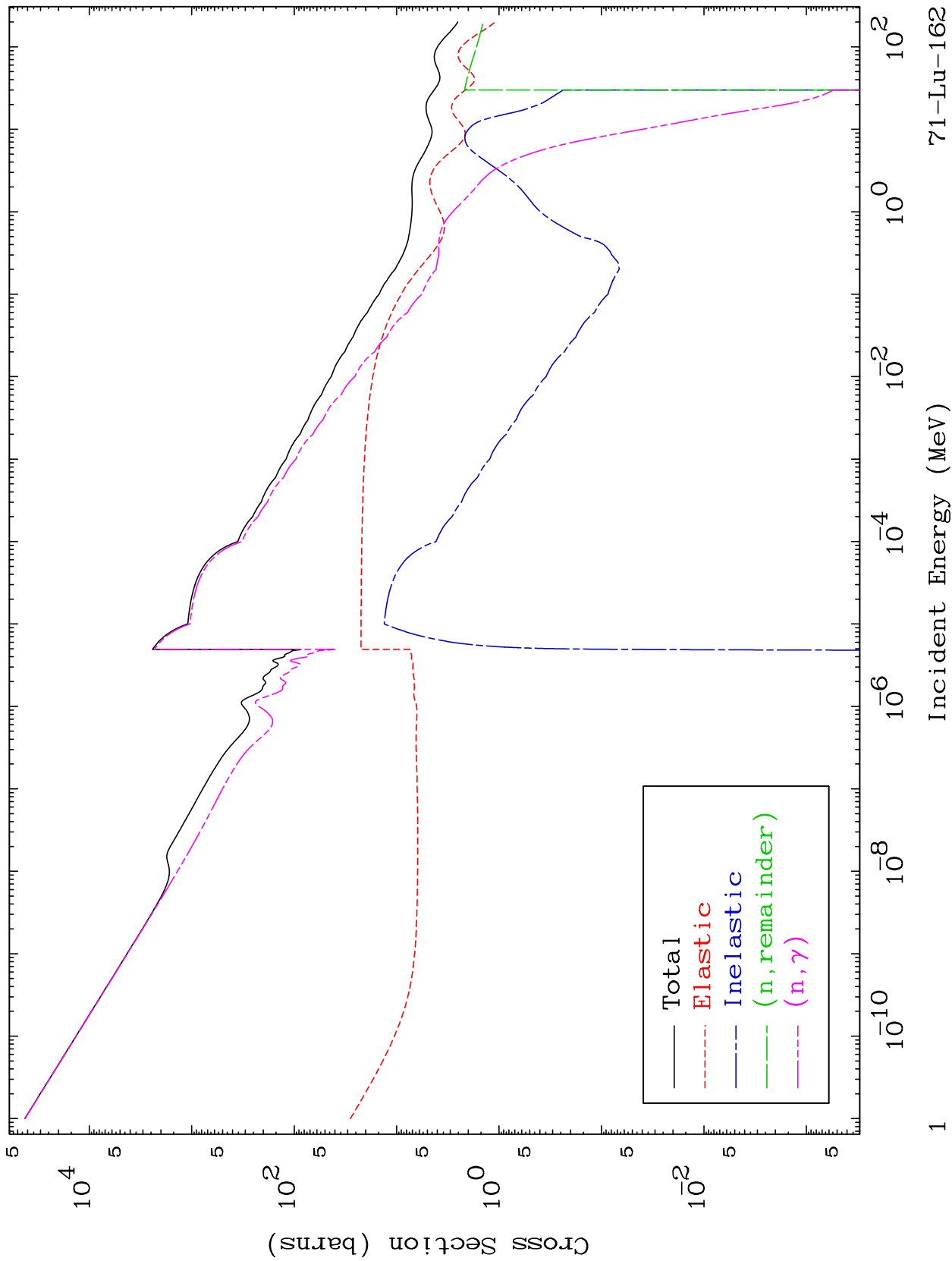
Press Mouse Button to Start

MAT 7087

Major

293 Kelvin Cross Sections

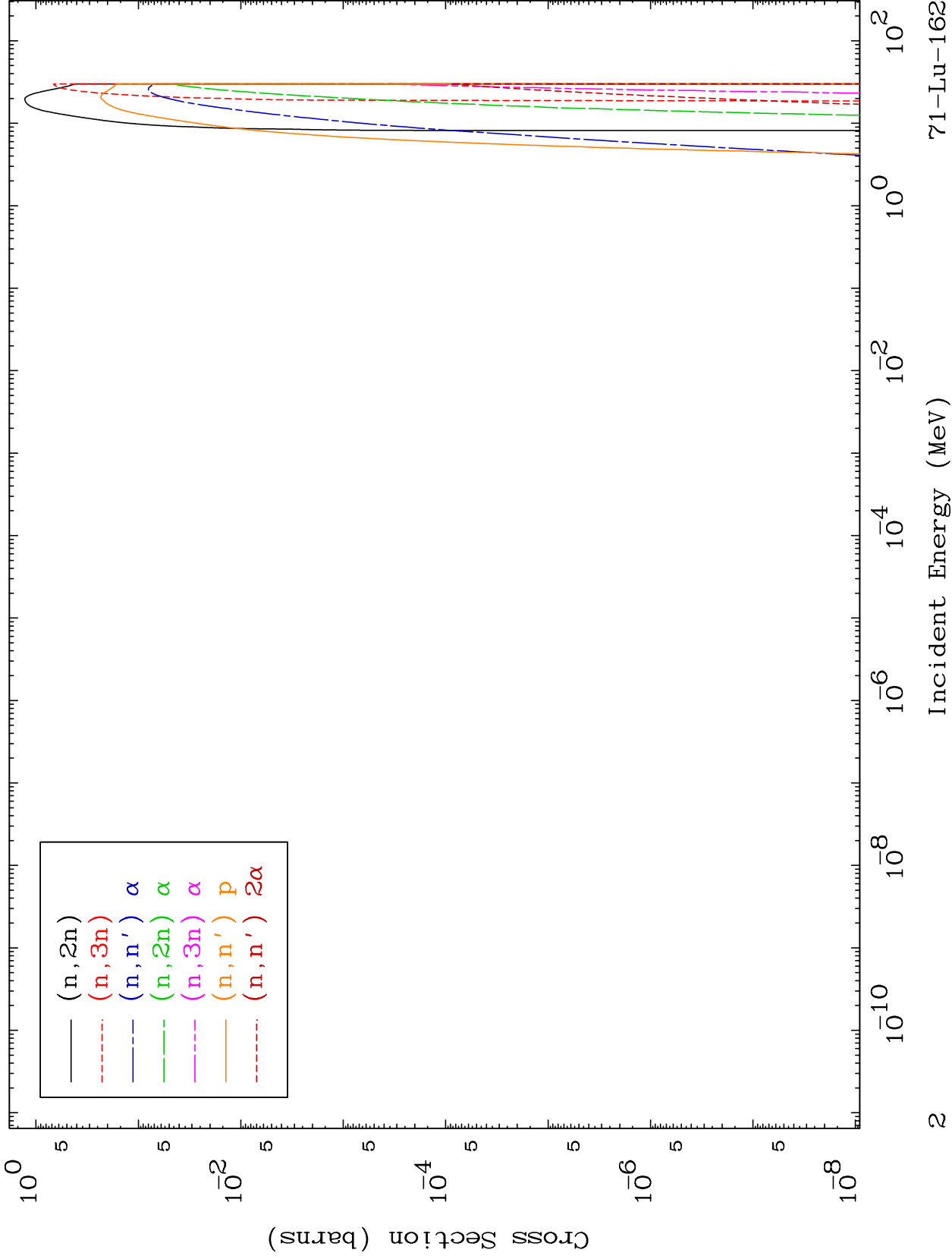
71-Lu-162



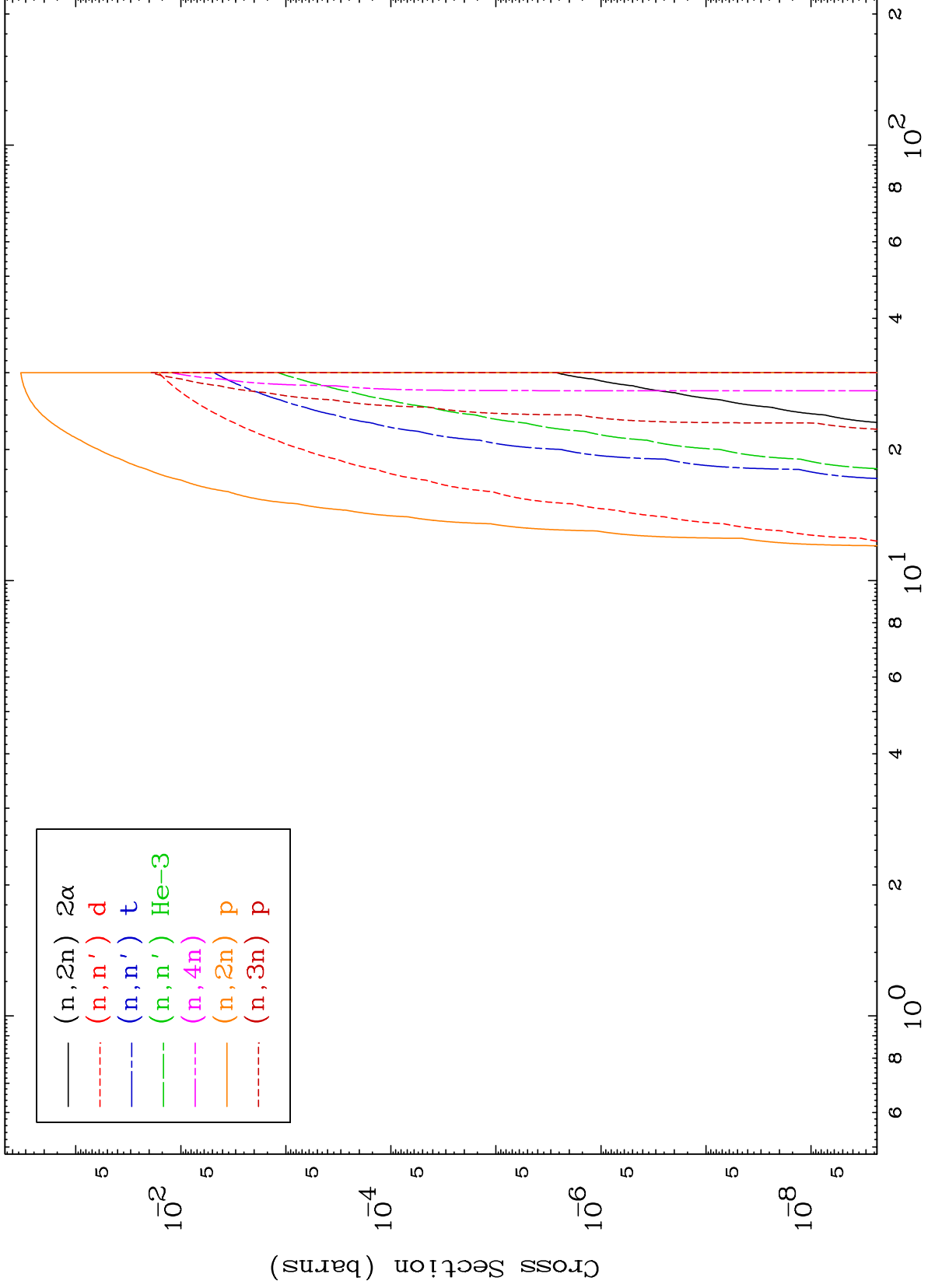
MAT 7087

Neutron Production
293 Kelvin Cross Sections

71-Lu-162



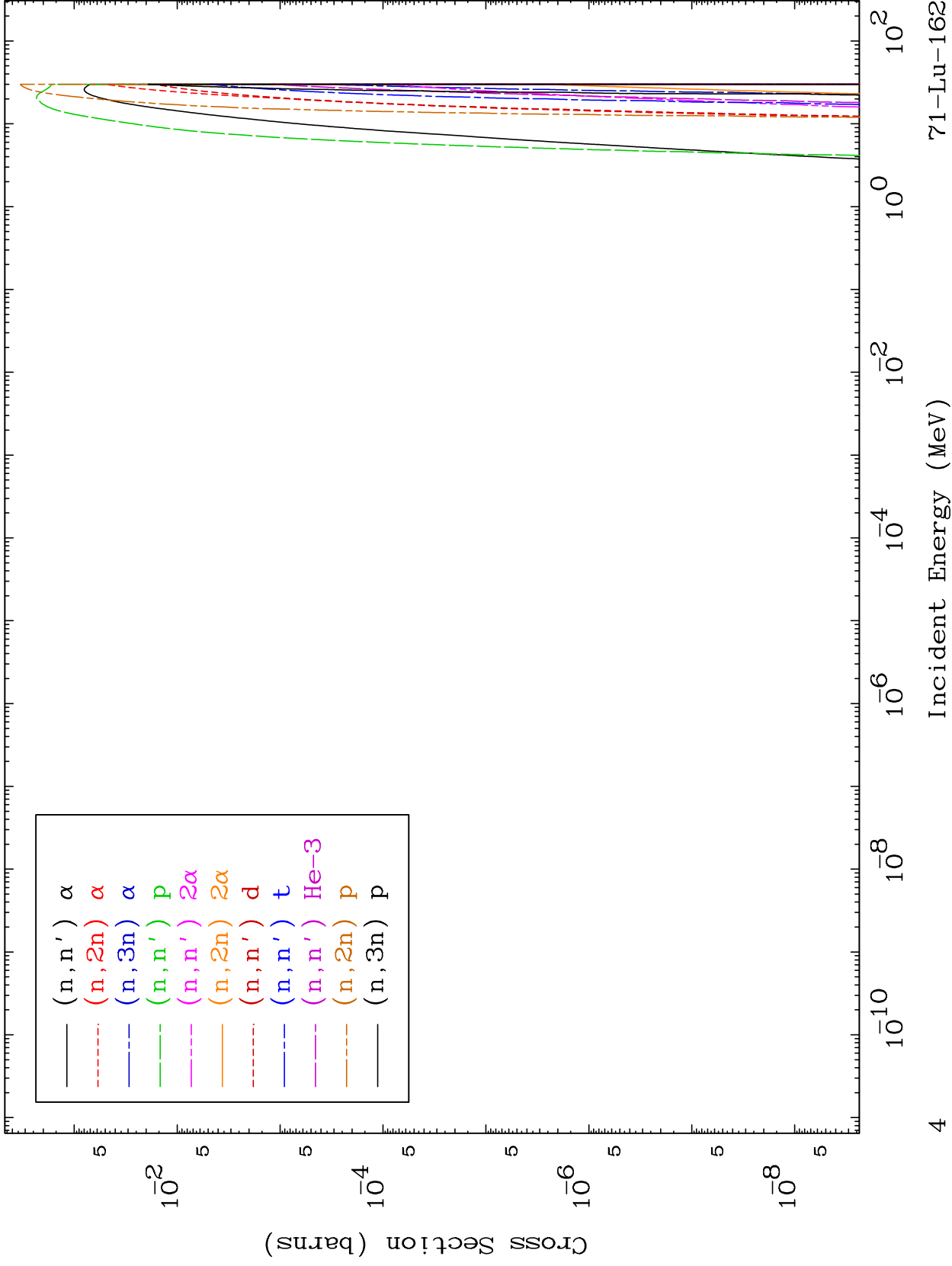
293 Kelvin Cross Sections



MAT 7087

Charged Particle
293 Kelvin Cross Sections

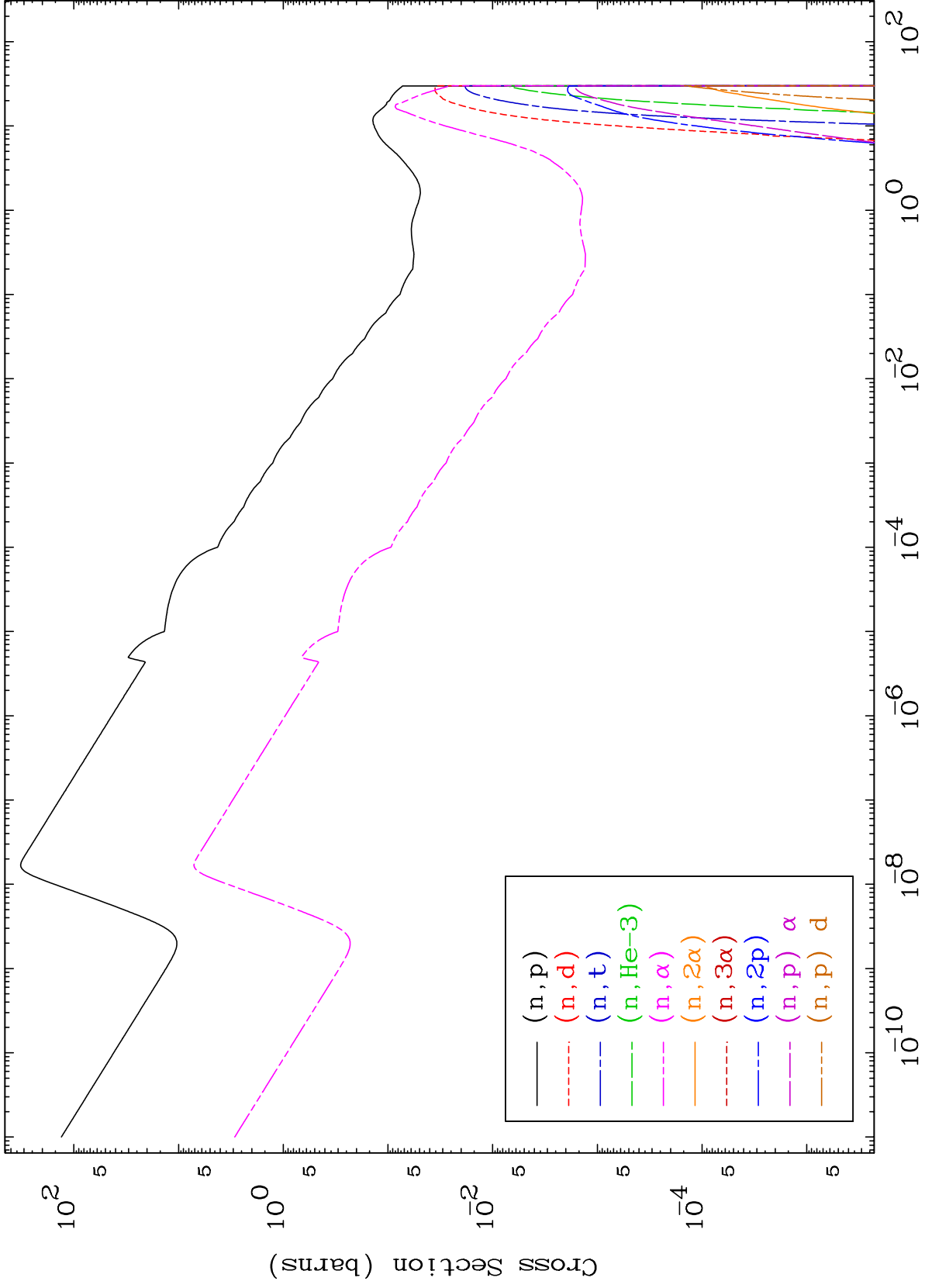
71-Lu-162



MAT 7087

Charged Particle
293 Kelvin Cross Sections

71-Lu-162



5

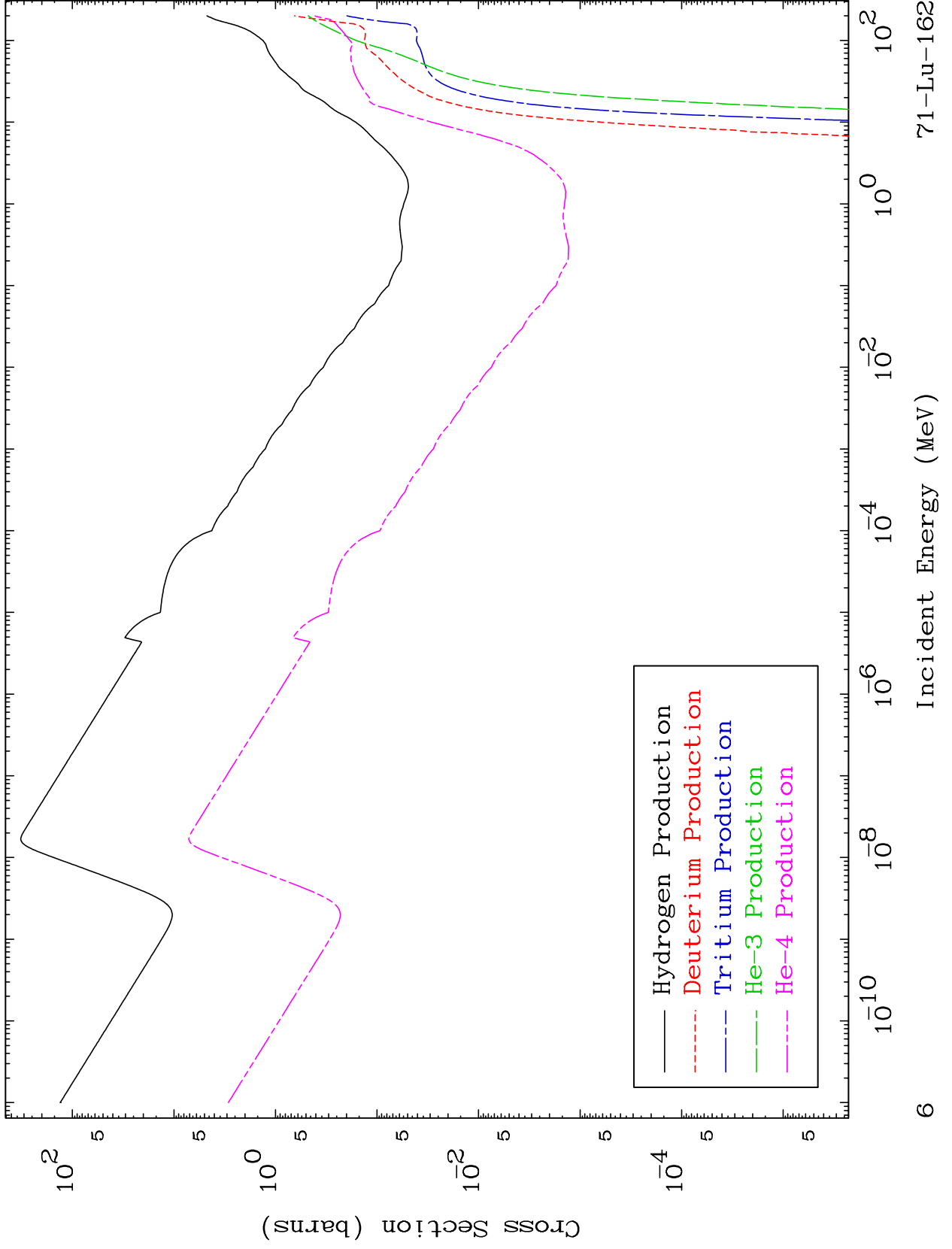
Incident Energy (MeV)

71-Lu-162

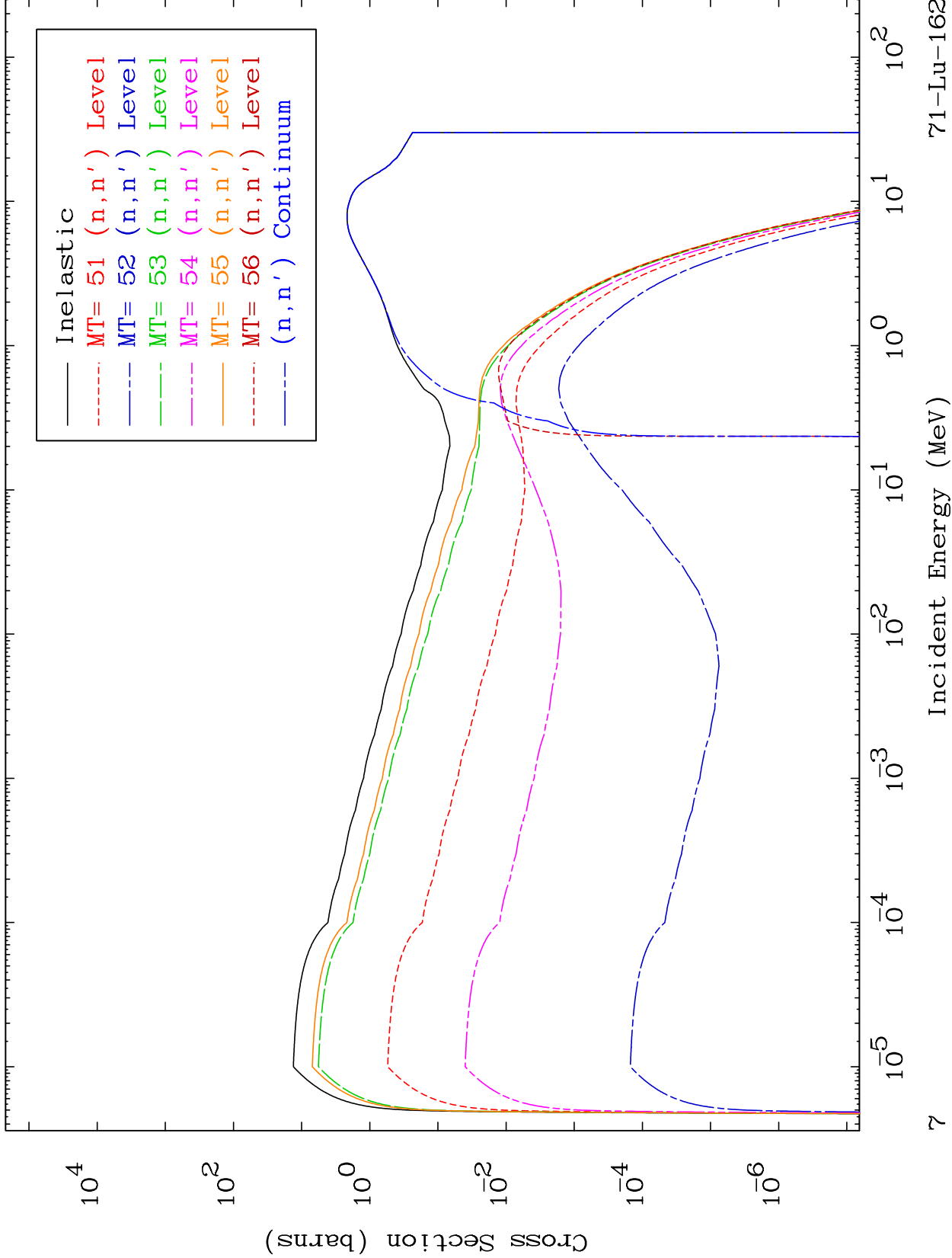
MAT 7087

Particle Production
293 Kelvin Cross Sections

71-Lu-162



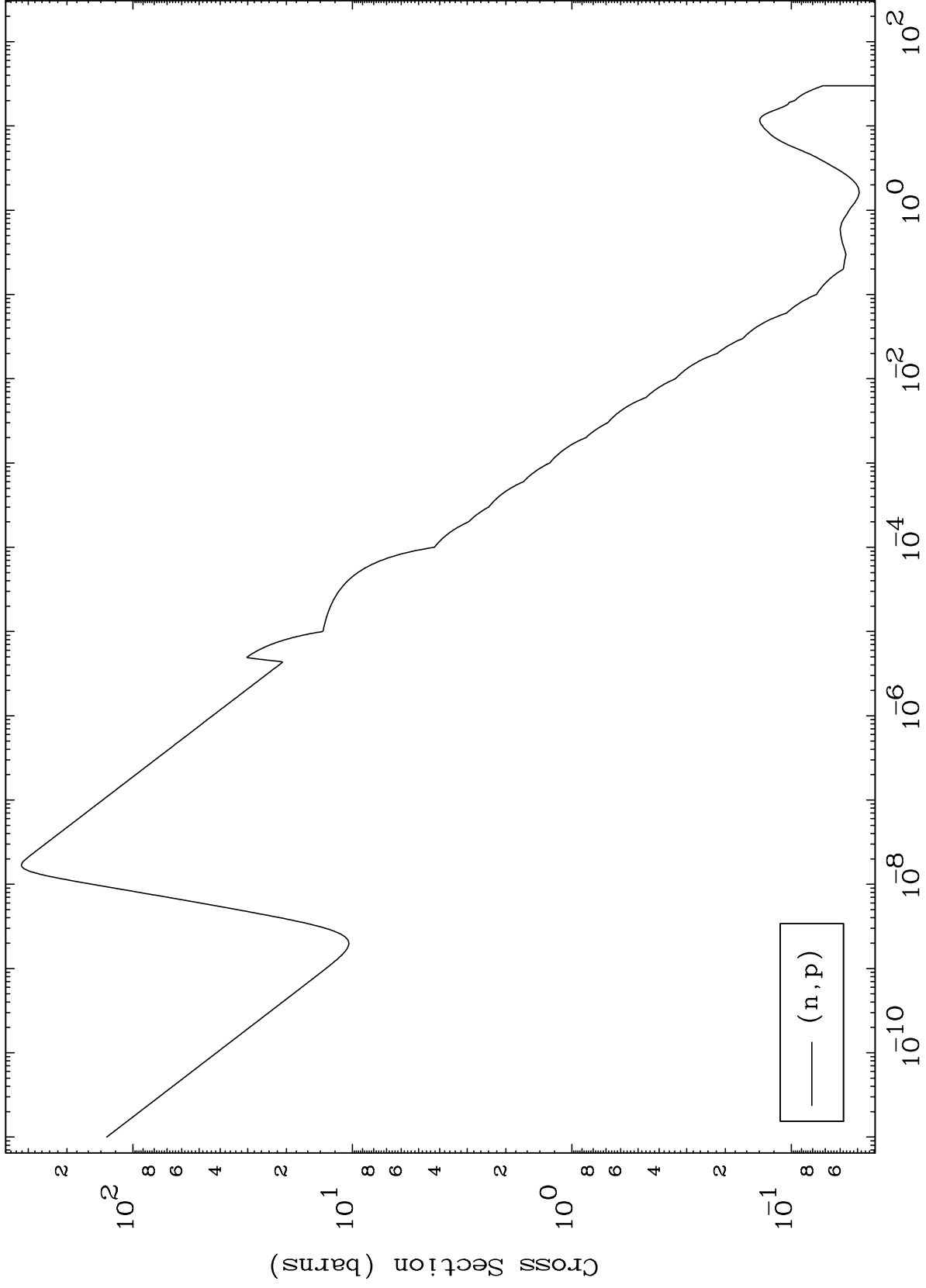
293 Kelvin Cross Sections



MAT 7087

(n,p) Levels
293 Kelvin Cross Sections

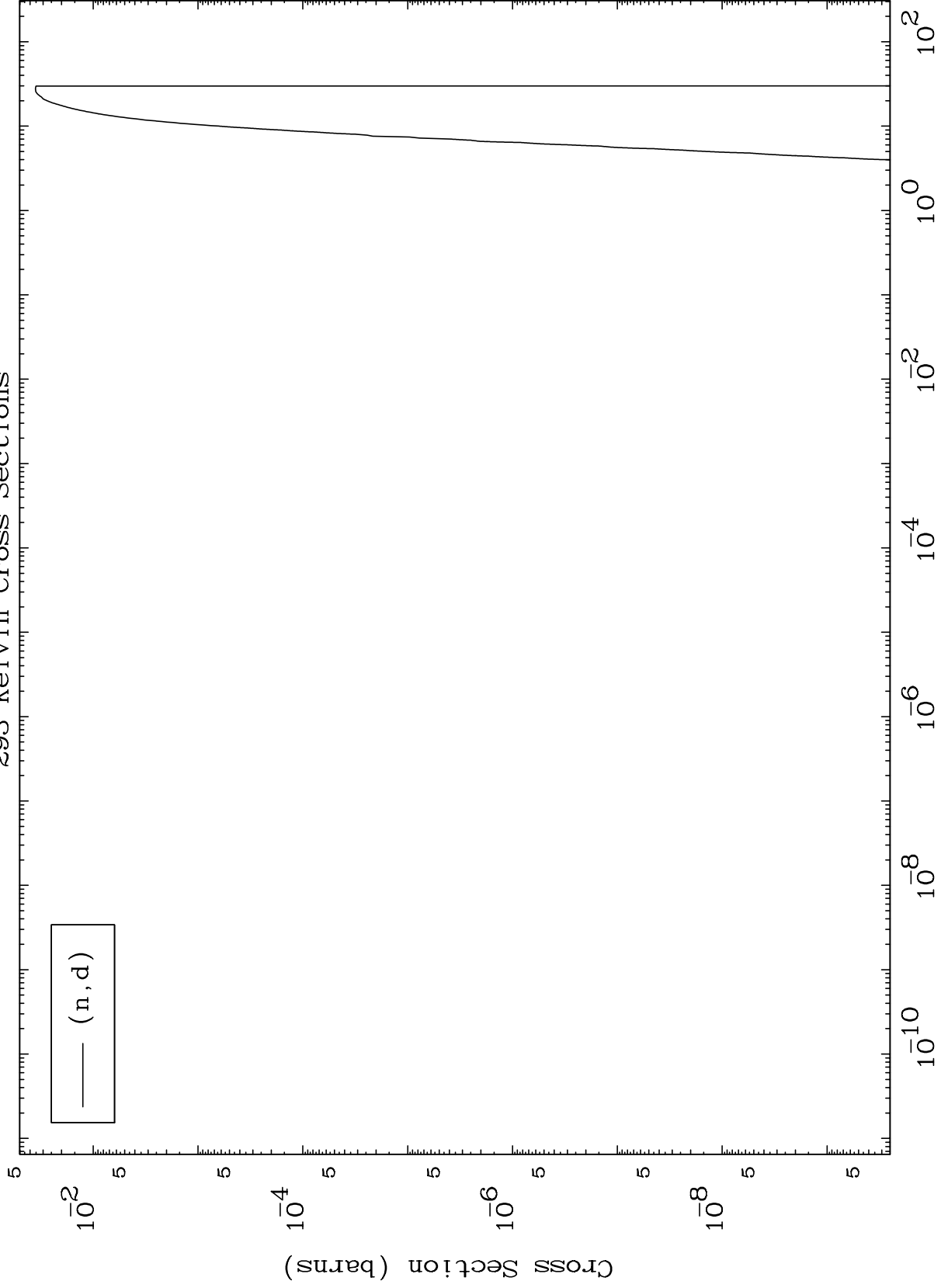
71-Lu-162



MAT 7087

(n,d) Levels
293 Kelvin Cross Sections

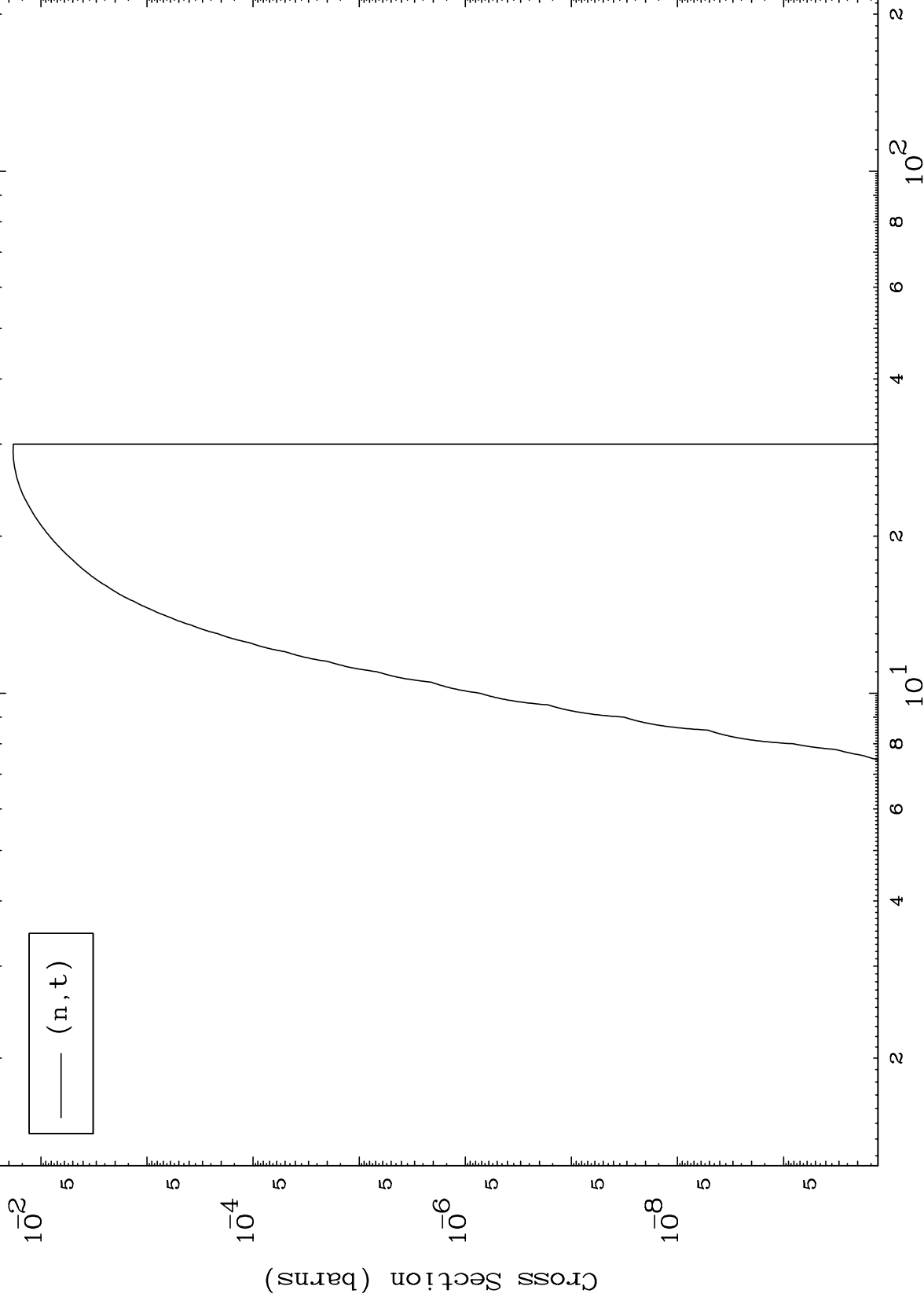
71-Lu-162



MAT 7087

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-162



10

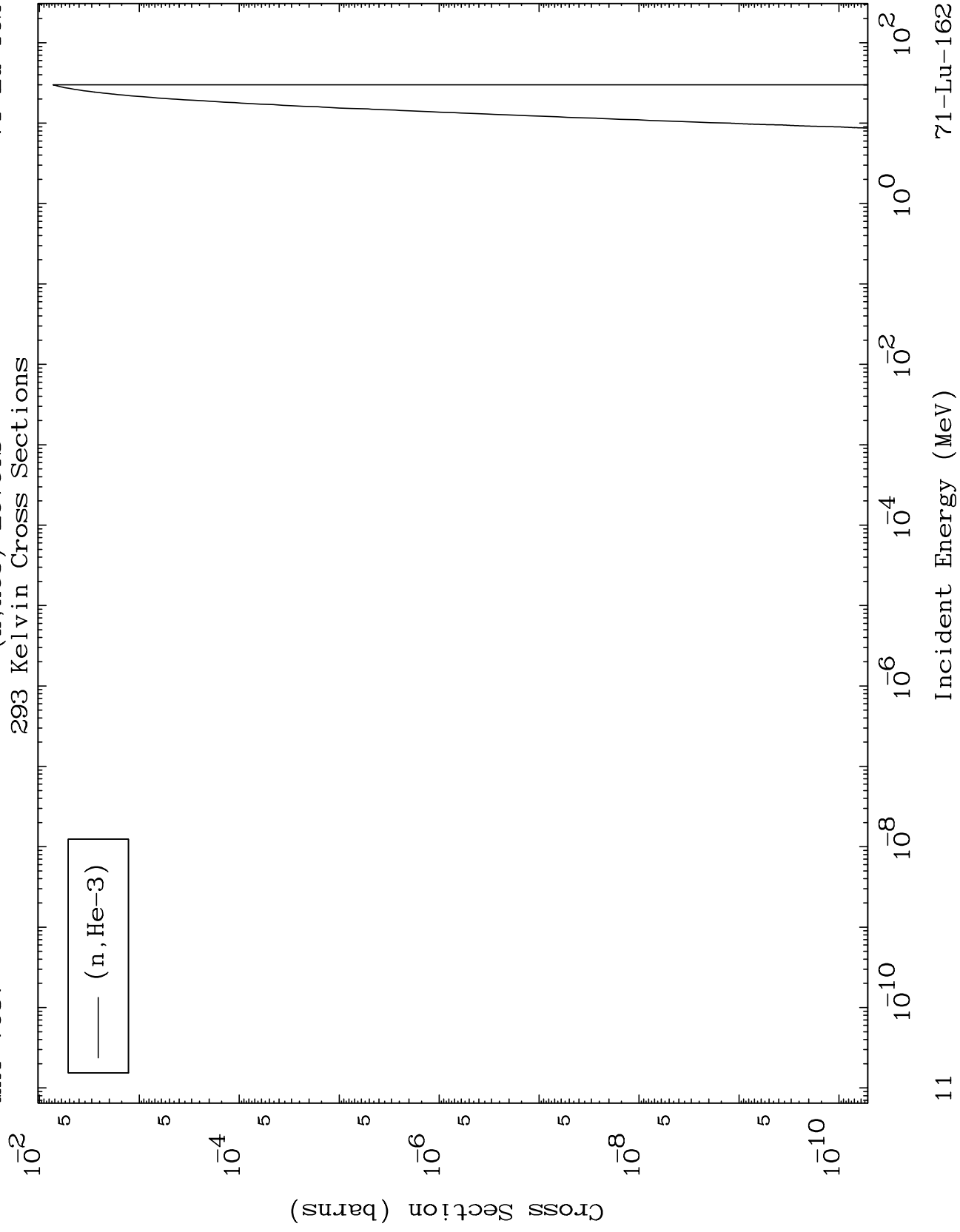
Incident Energy (MeV)

71-Lu-162

MAT 7087

(n,He3) Levels
293 Kelvin Cross Sections

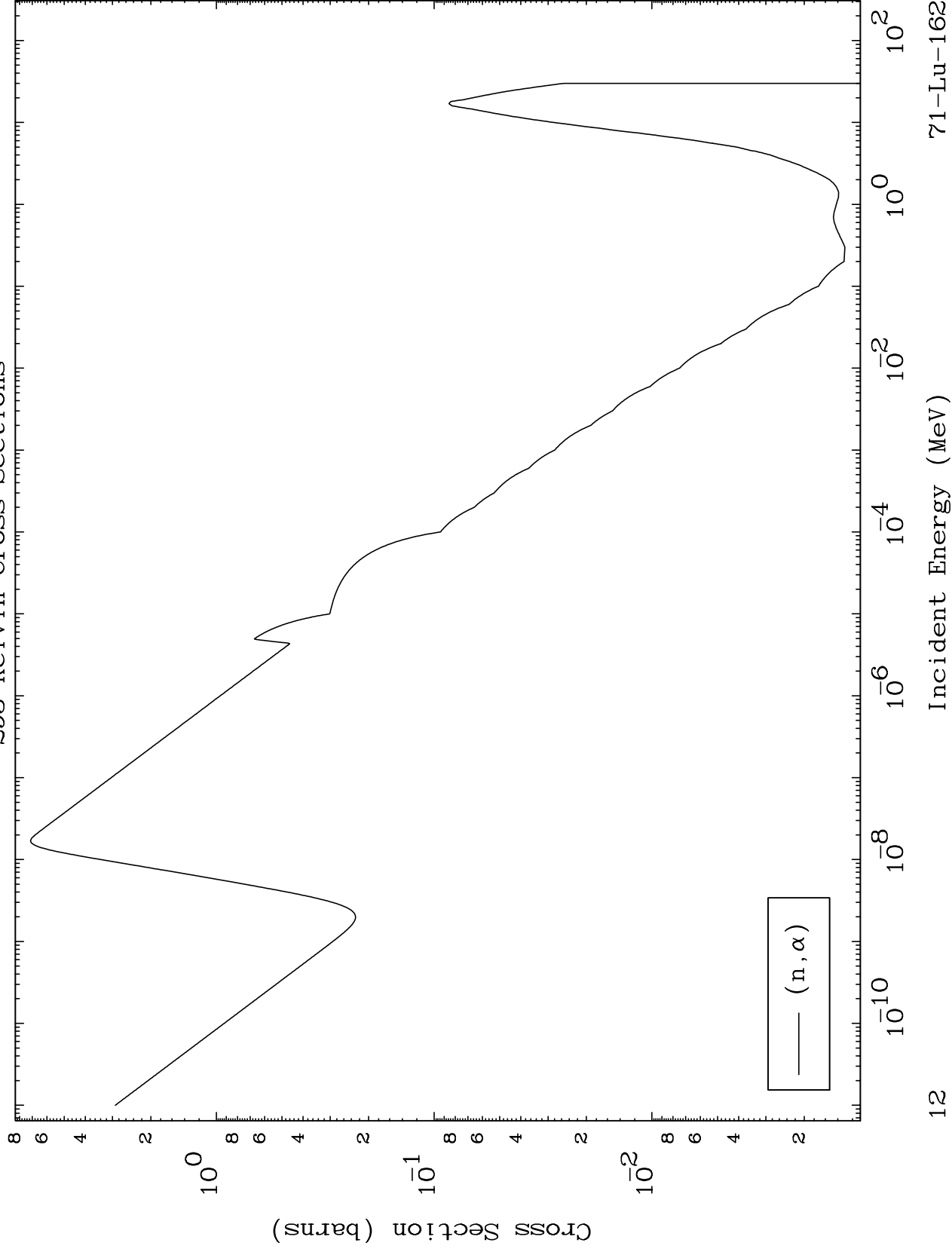
71-Lu-162

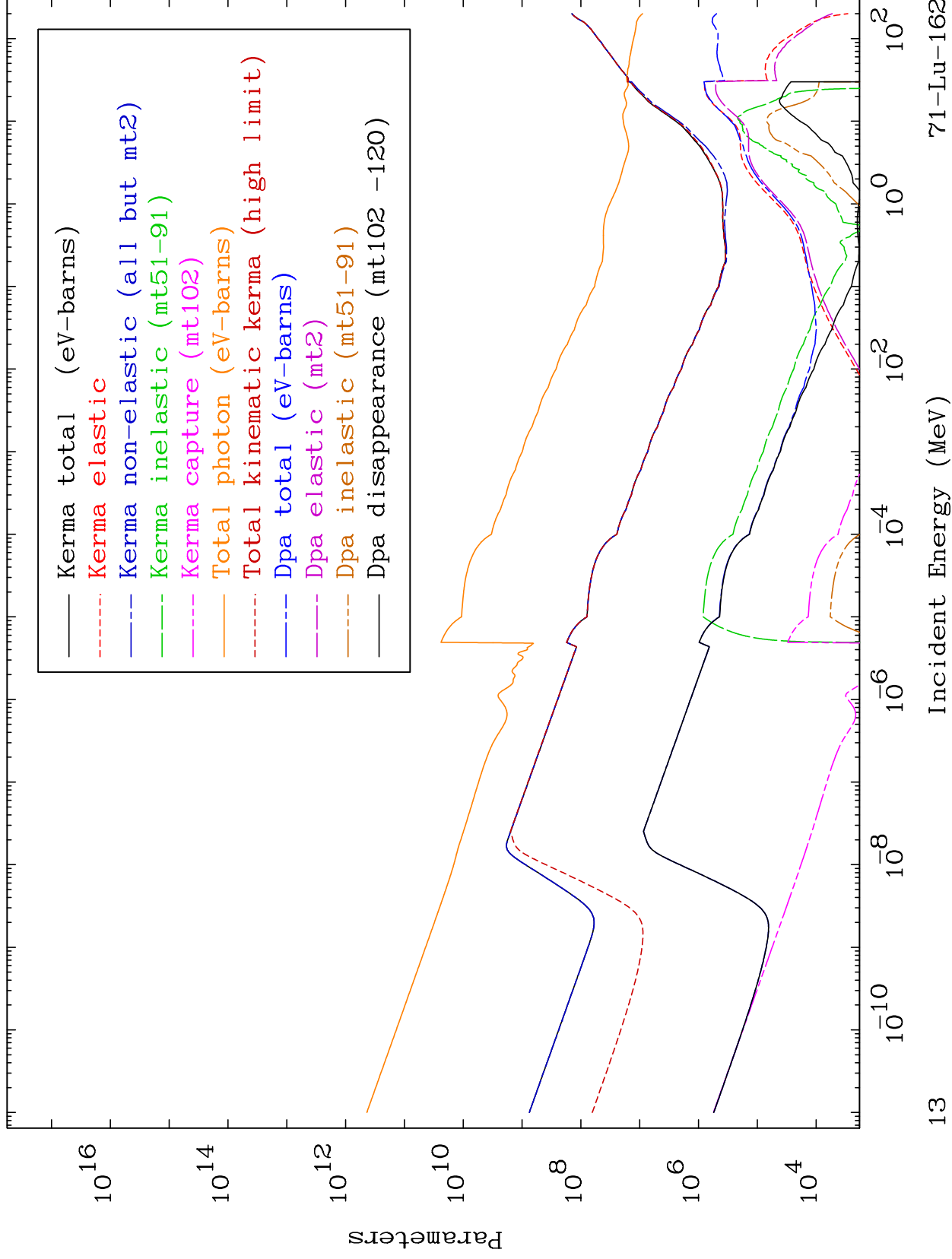


MAT 7087

(n, α) Levels
293 Kelvin Cross Sections

71-Lu-162

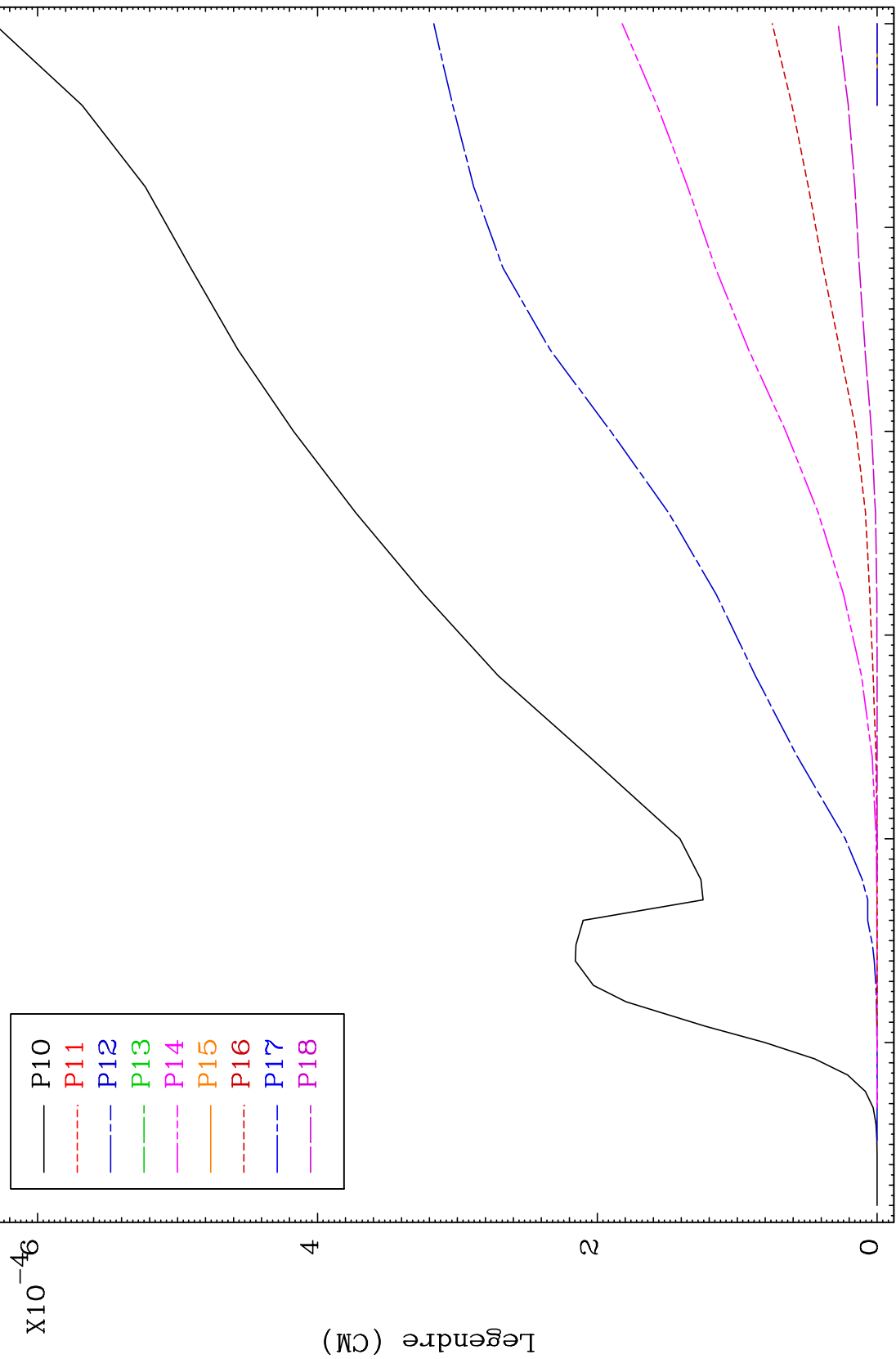
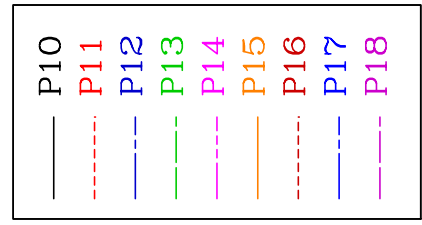




MAT 7087

Elastic Legendre Coefficients

⁷¹Lu-162



15

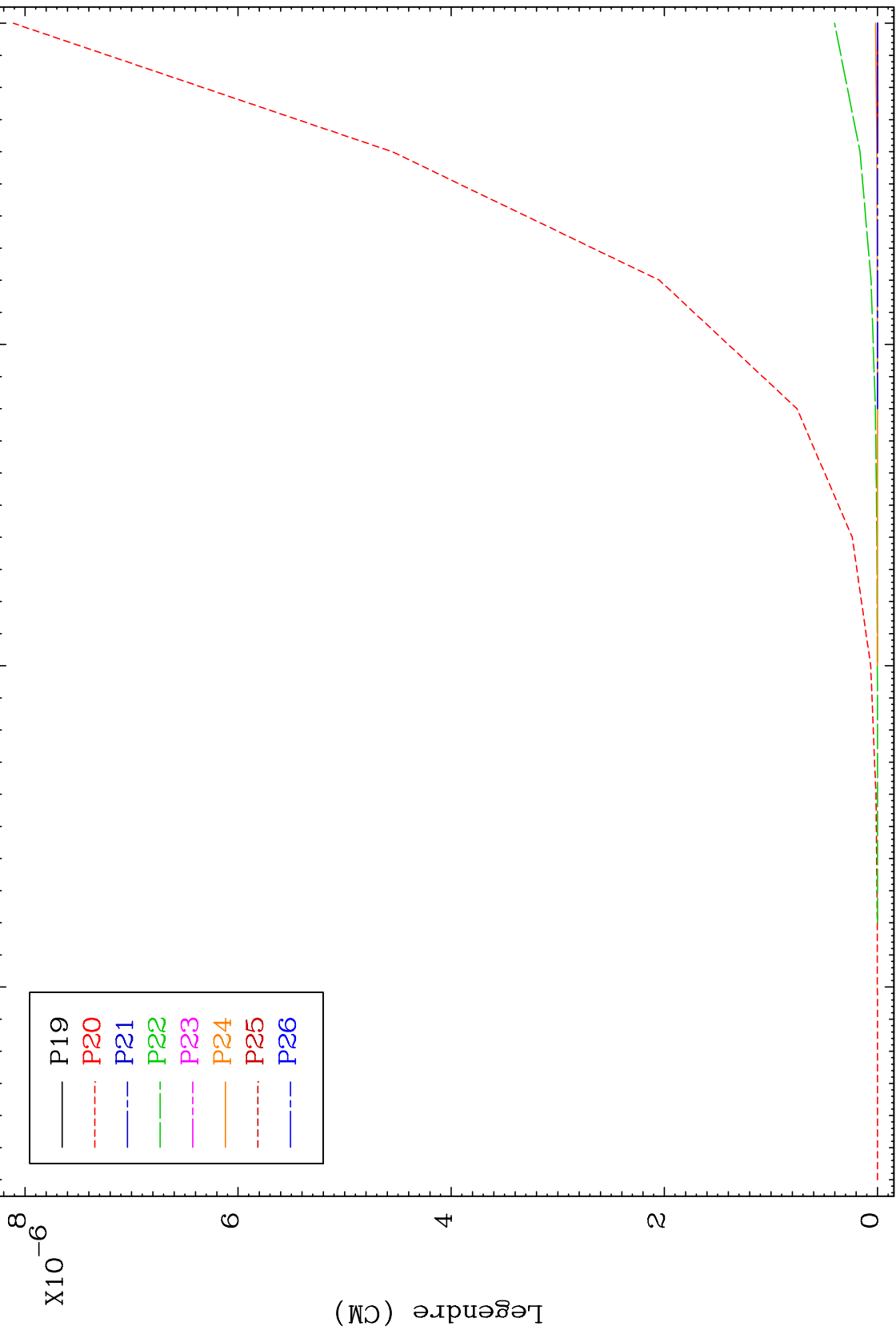
Incident Energy (MeV)

⁷¹Lu-162

MAT 7087

Elastic
Legendre Coefficients

71-Lu-162



16

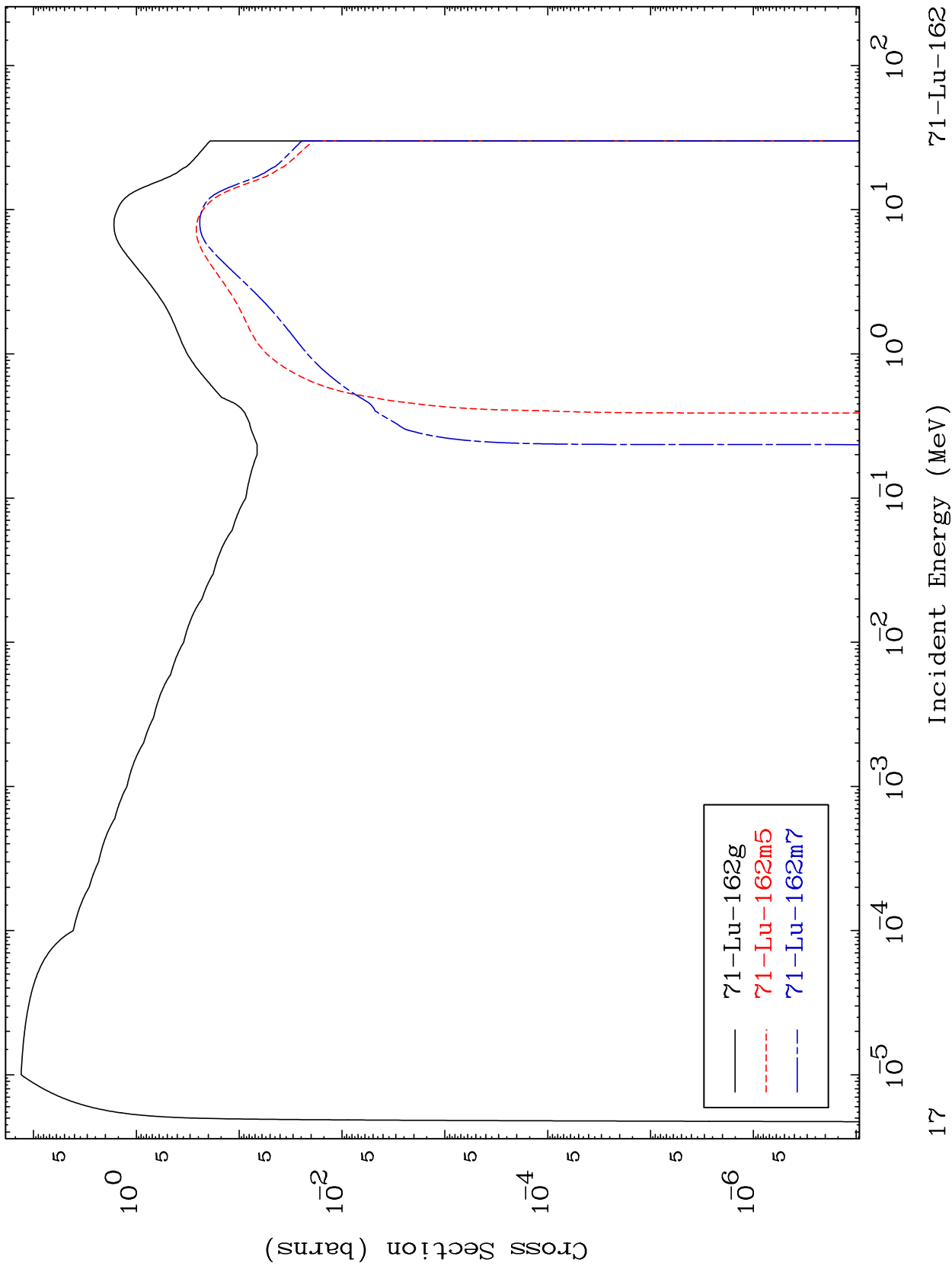
Incident Energy (MeV)

71-Lu-162

MAT 7087

71-Lu-162

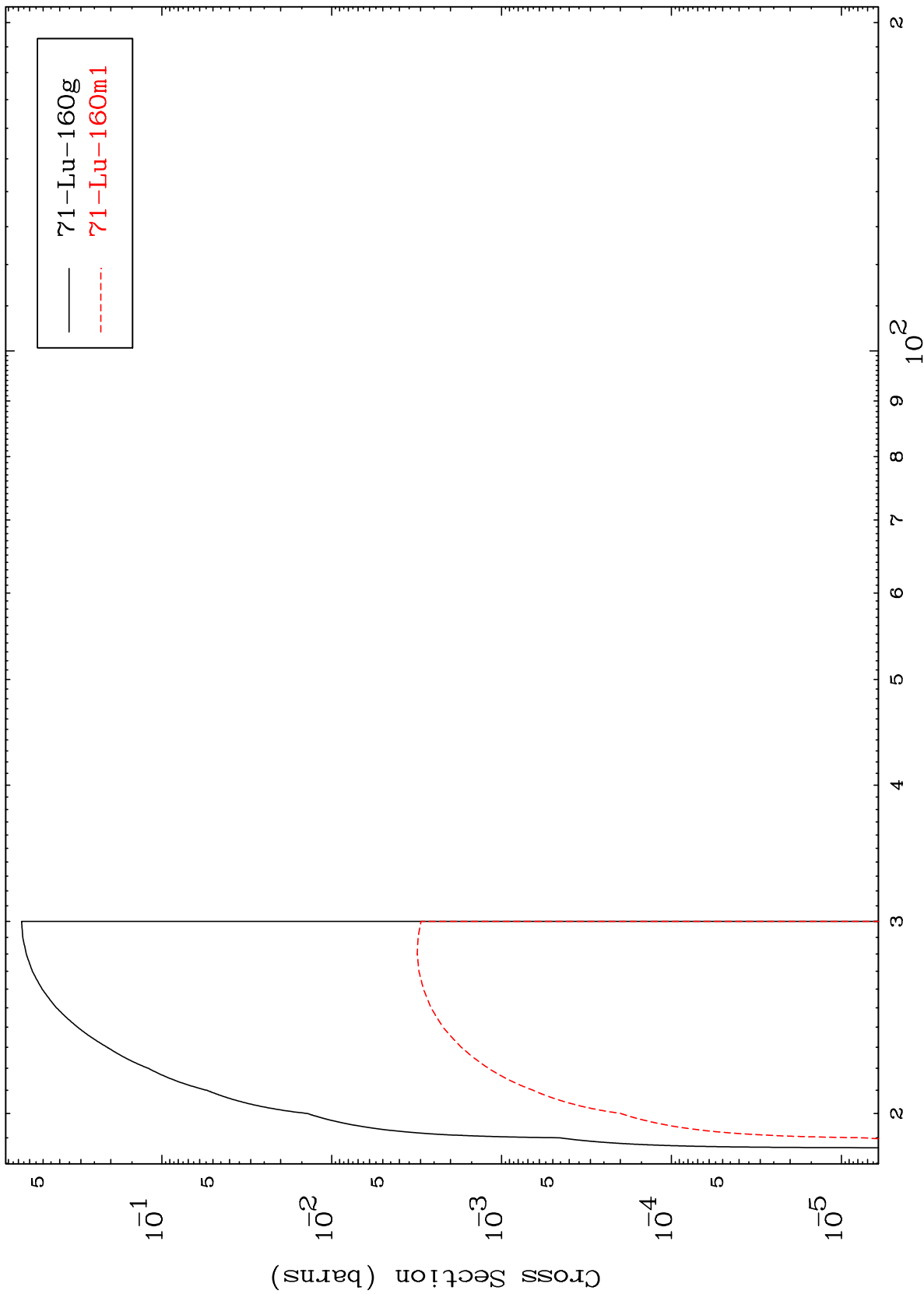
Inelastic
Radionuclide Production Cross Section



MAT 7087

71-Lu-162

(n,3n)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

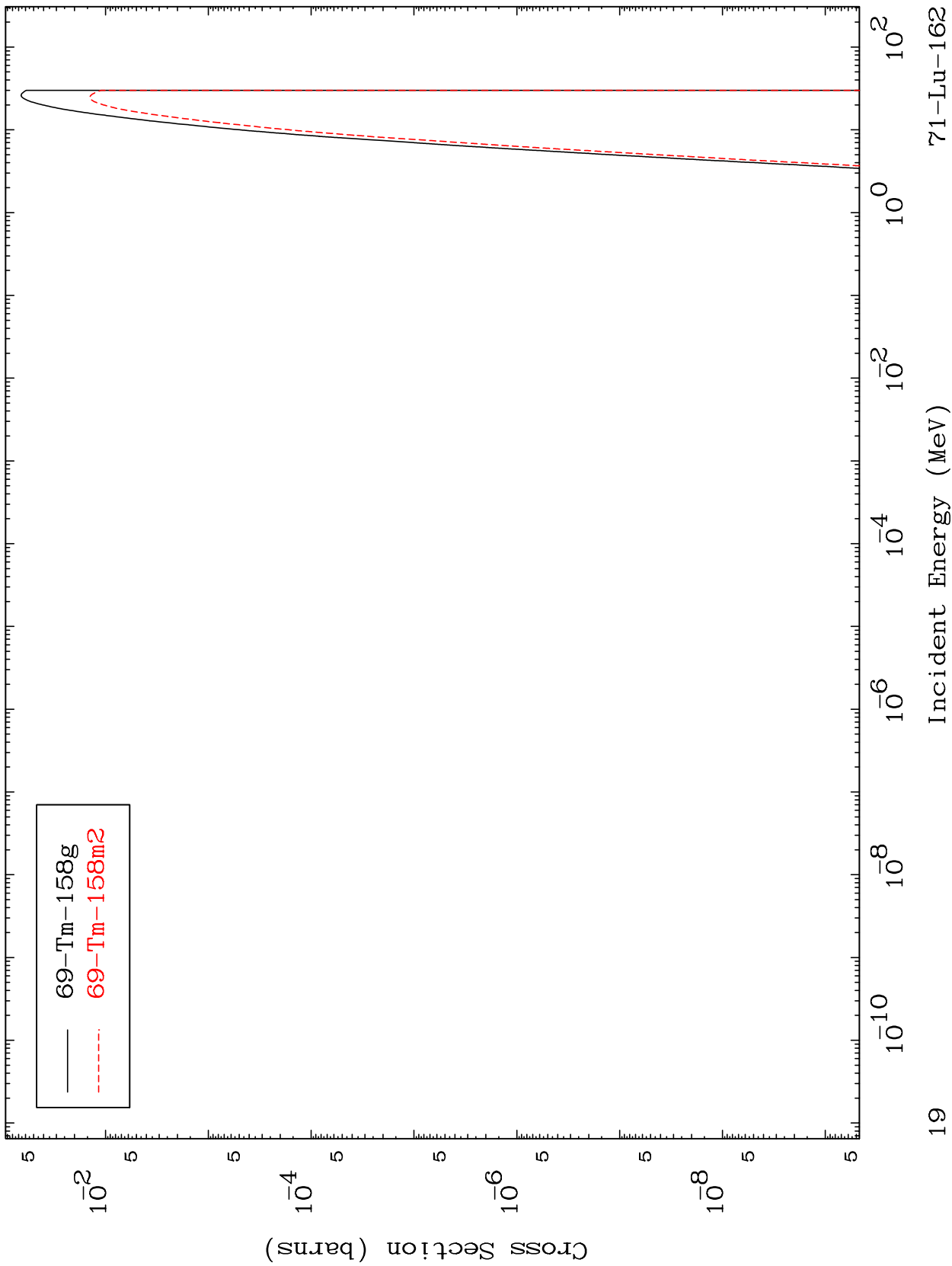
71-Lu-162

MAT 7087

$(n, n') \alpha$

$^{71}\text{Lu-162}$

Radionuclide Production Cross Section

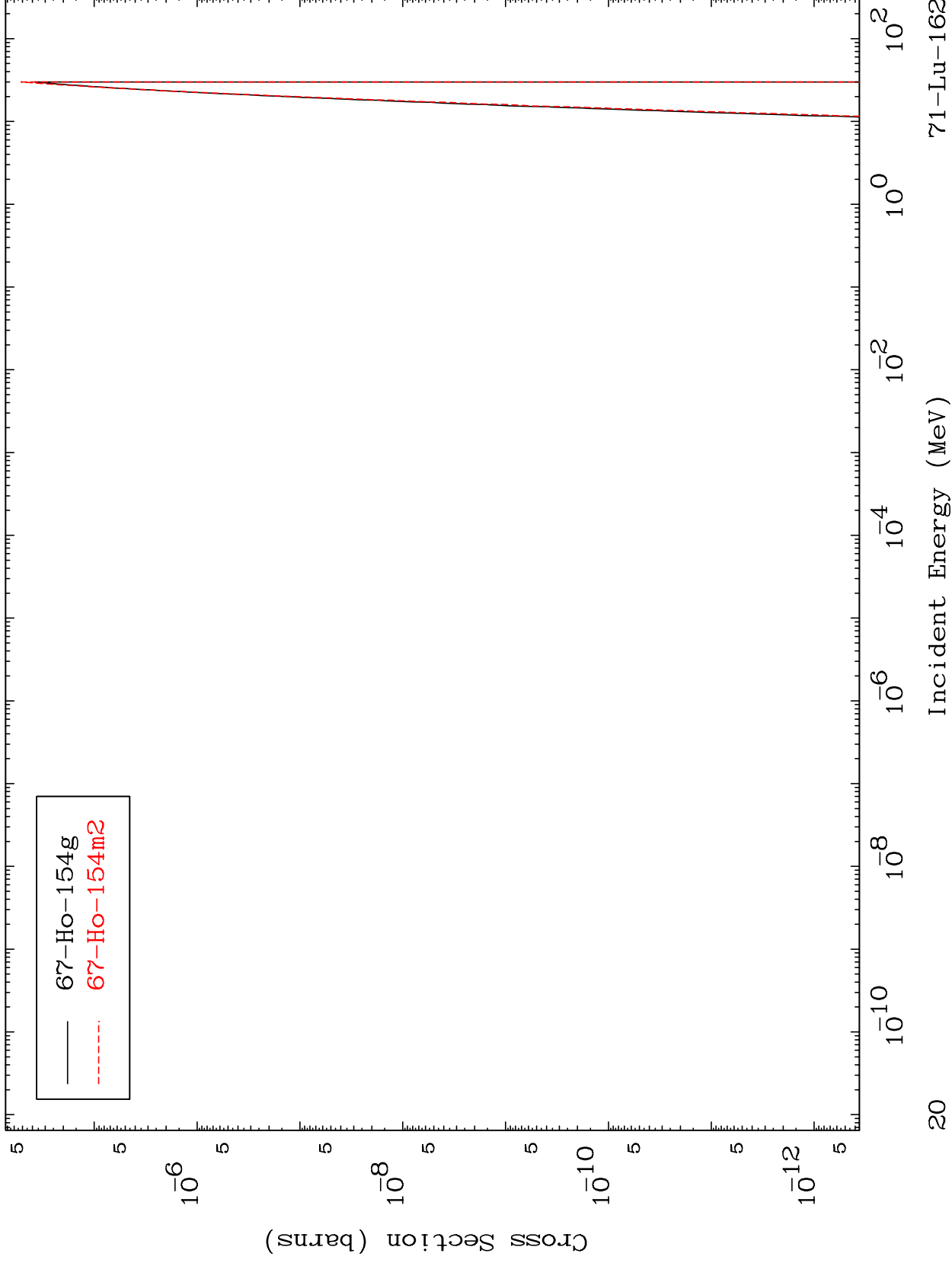


MAT 7087

(n,n') 2α

71-Lu-162

Radionuclide Production Cross Section

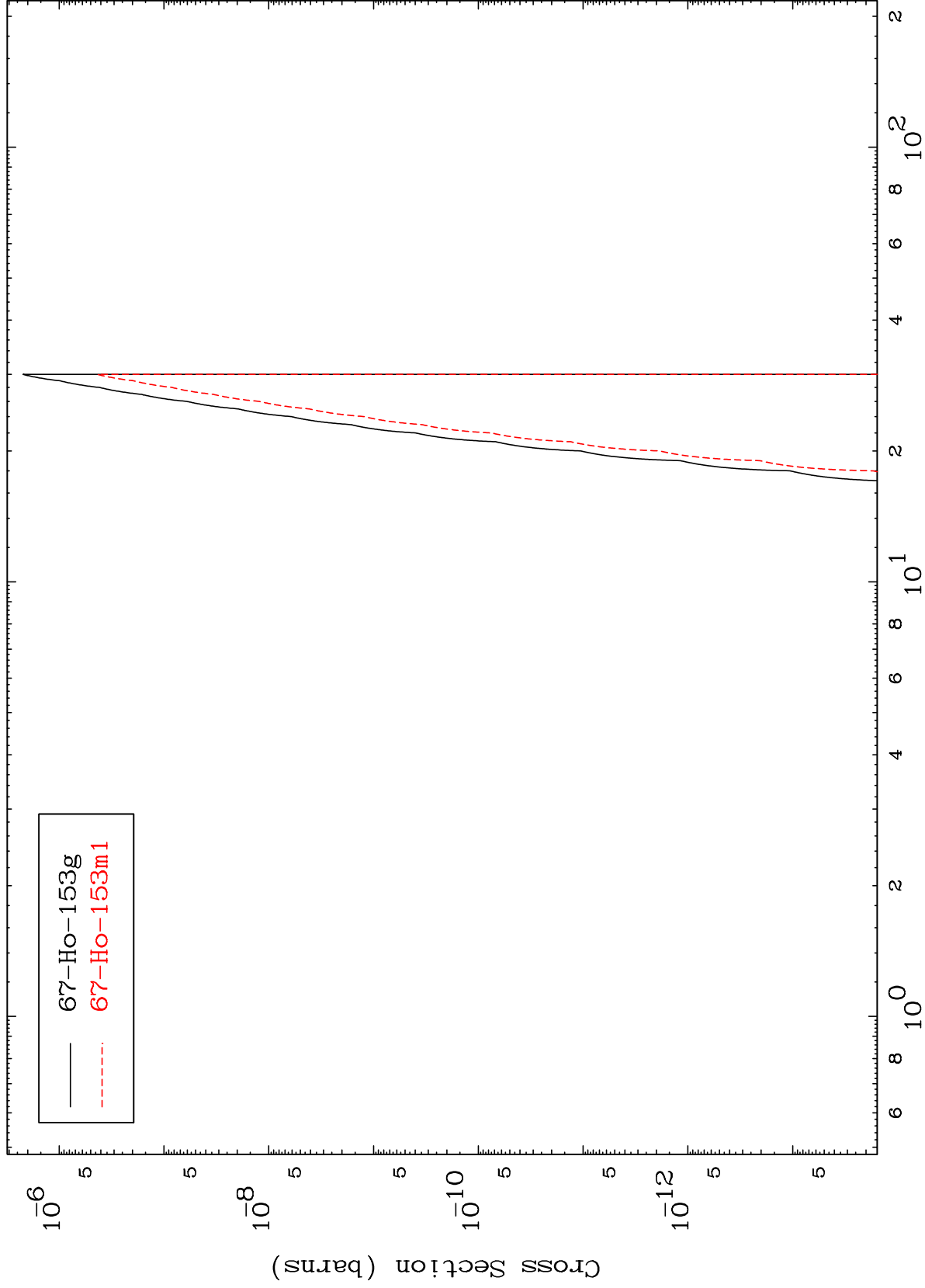


MAT 7087

(n,2n) 2α

71-Lu-162

Radionuclide Production Cross Section

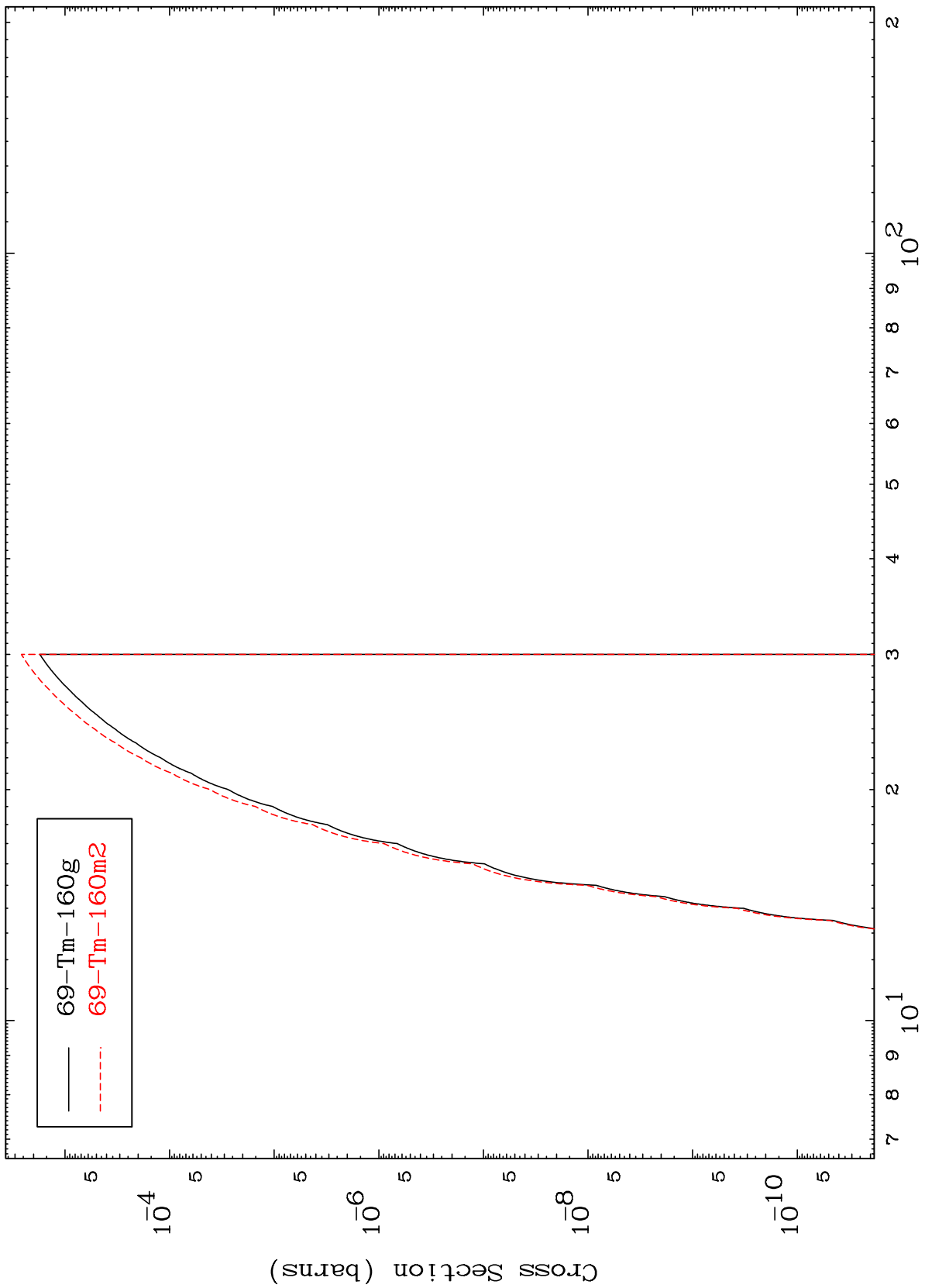


MAT 7087

(n,2n) p

71-Lu-162

Radionuclide Production Cross Section



22

Incident Energy (MeV)

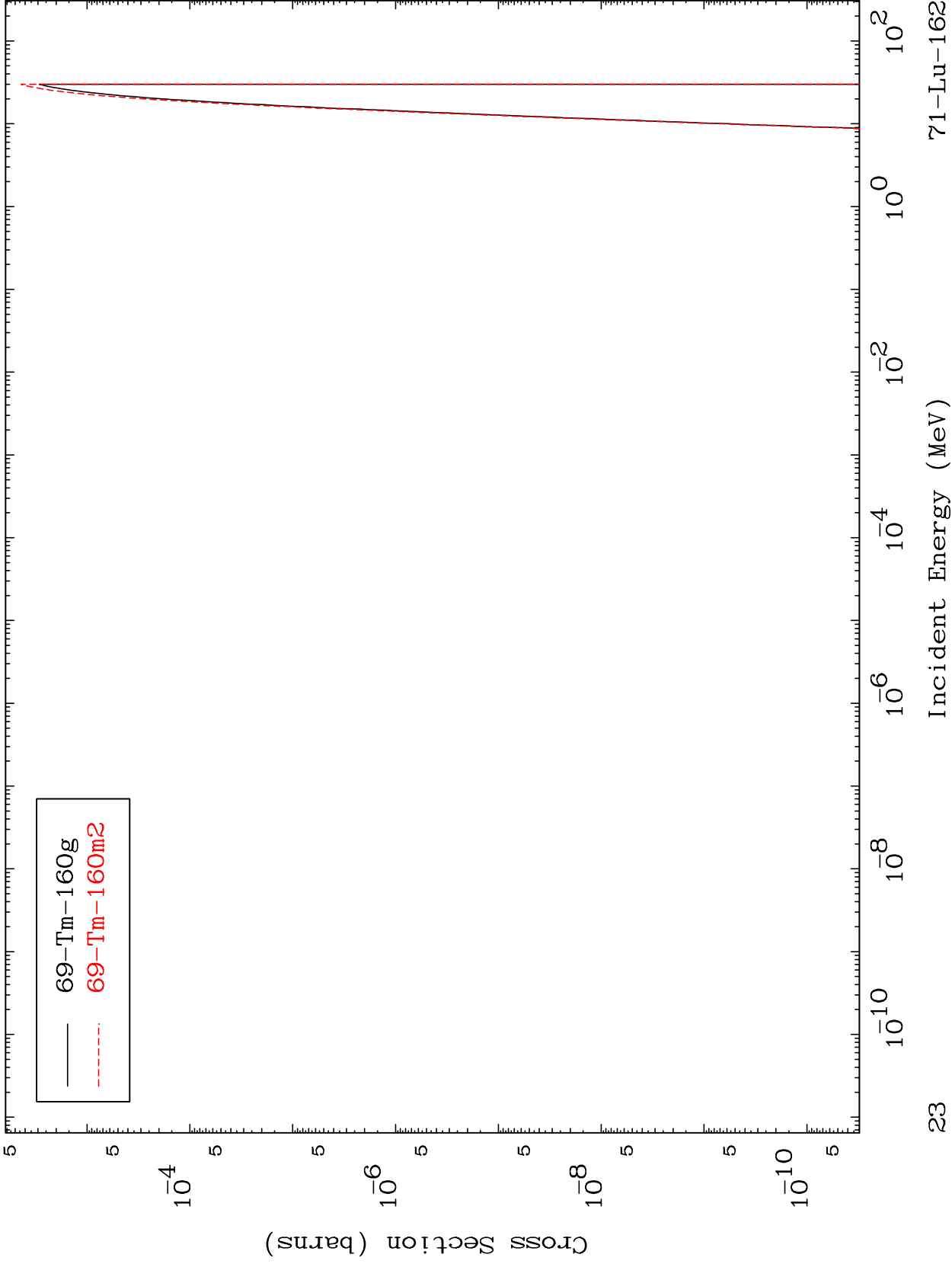
71-Lu-162

MAT 7087

(n,He-3)

71-Lu-162

Radionuclide Production Cross Section

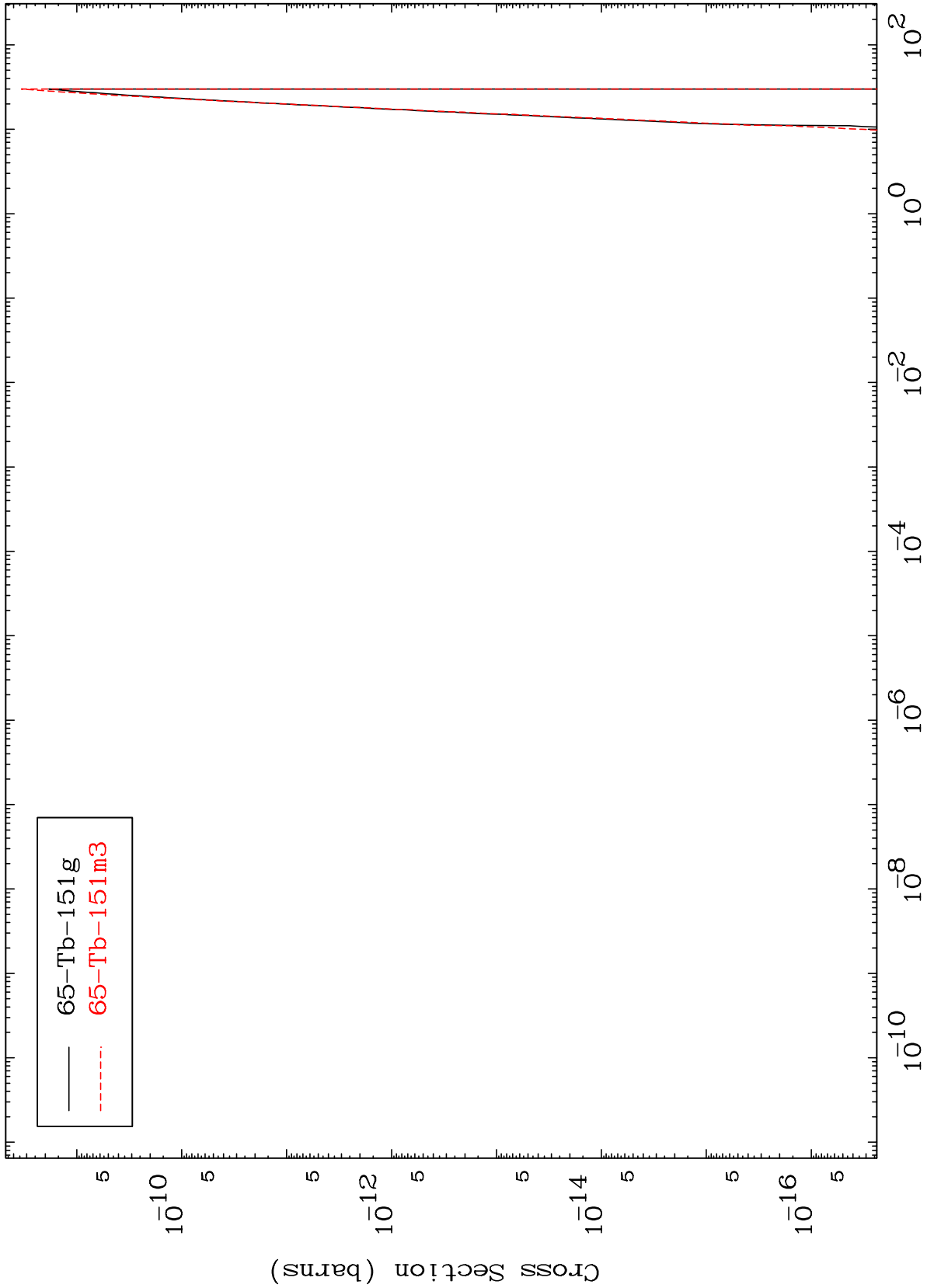
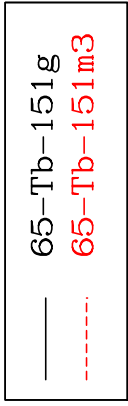


MAT 7087

(n, 3α)

⁷¹Lu-162

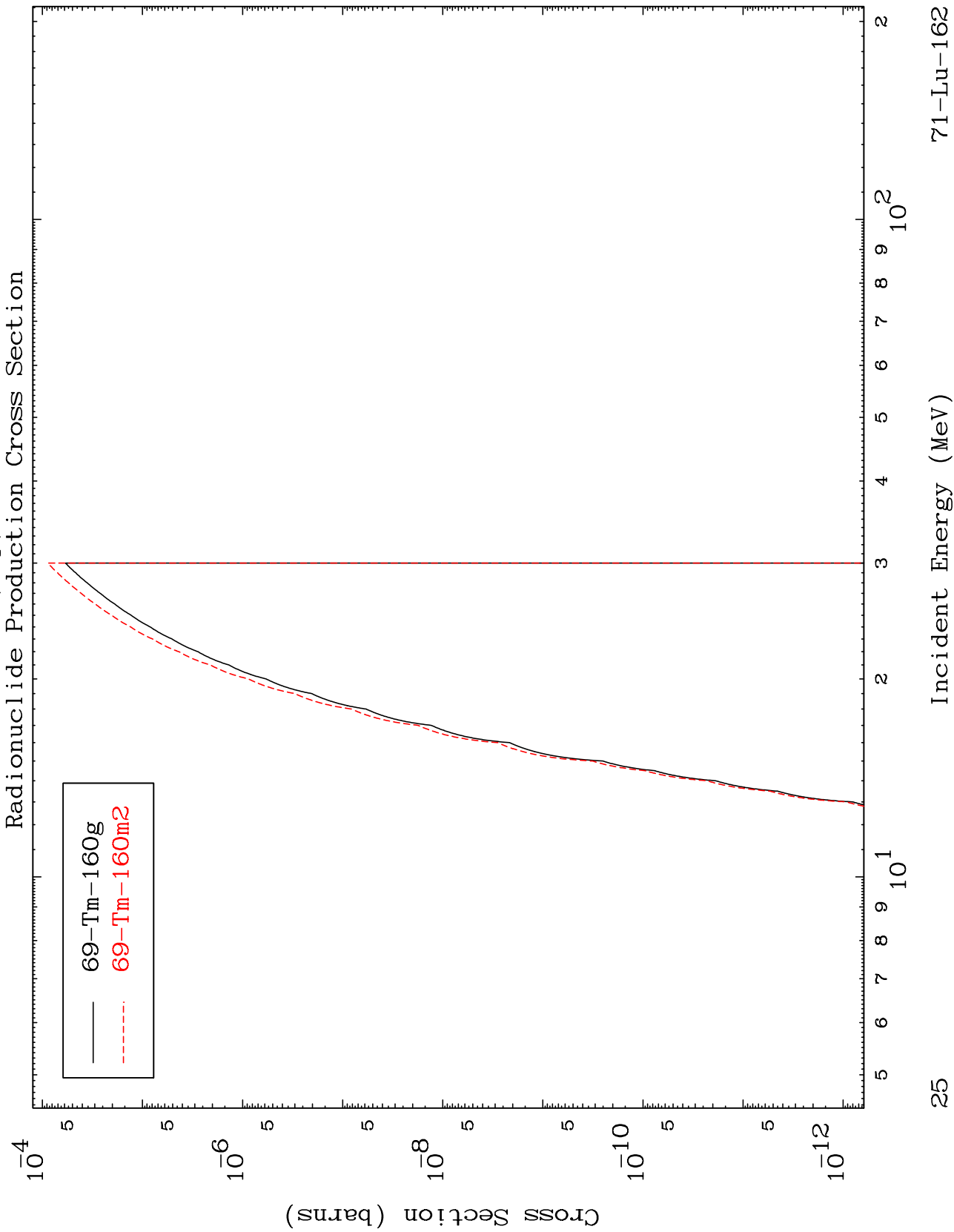
Radionuclide Production Cross Section



MAT 7087

(n,p) d

⁷¹Lu-162



25

Incident Energy (MeV)

⁷¹Lu-162