

Program EVALPLOT
(Version 2018-1)

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

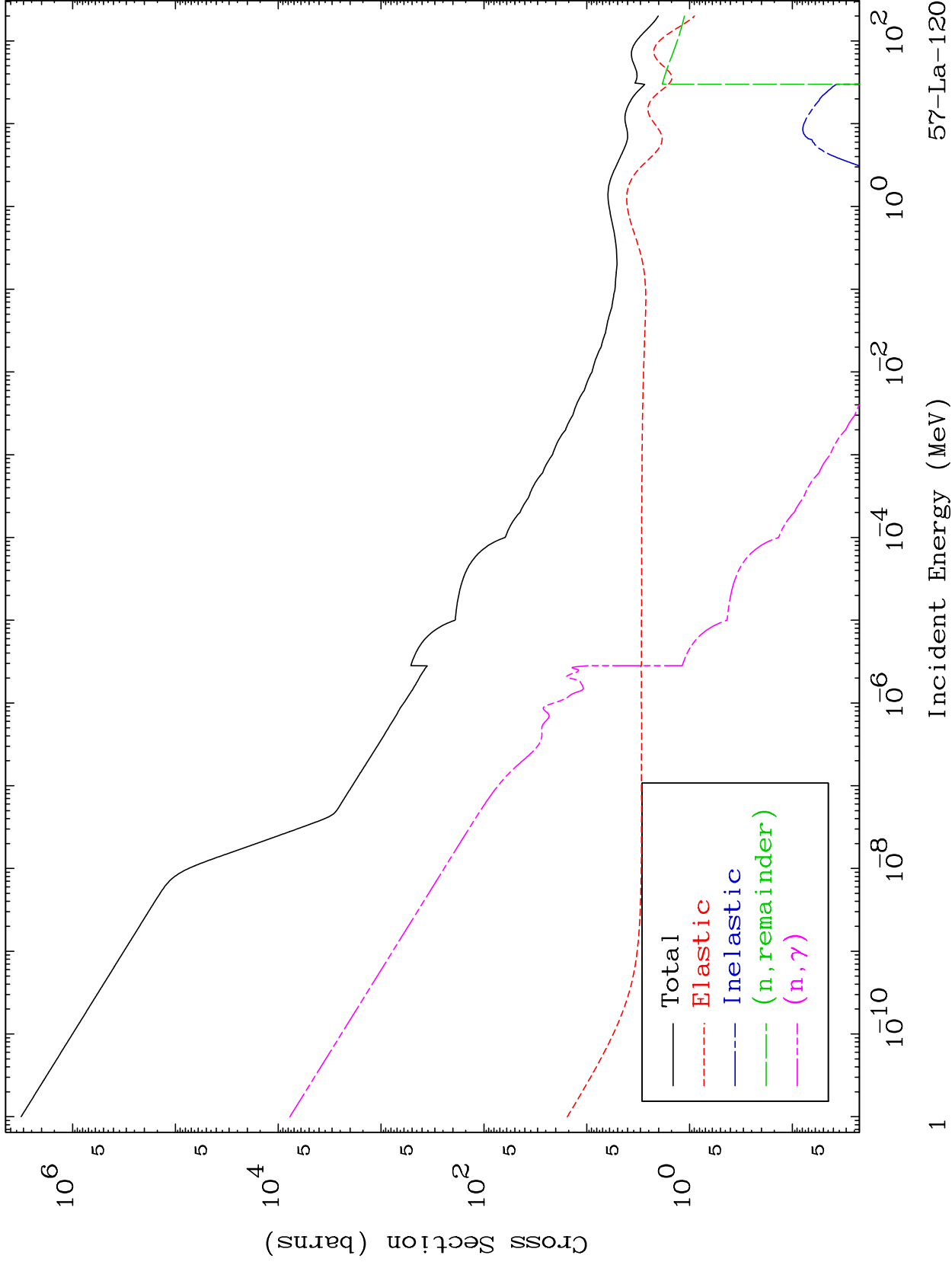
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5671

Major
293 Kelvin Cross Sections

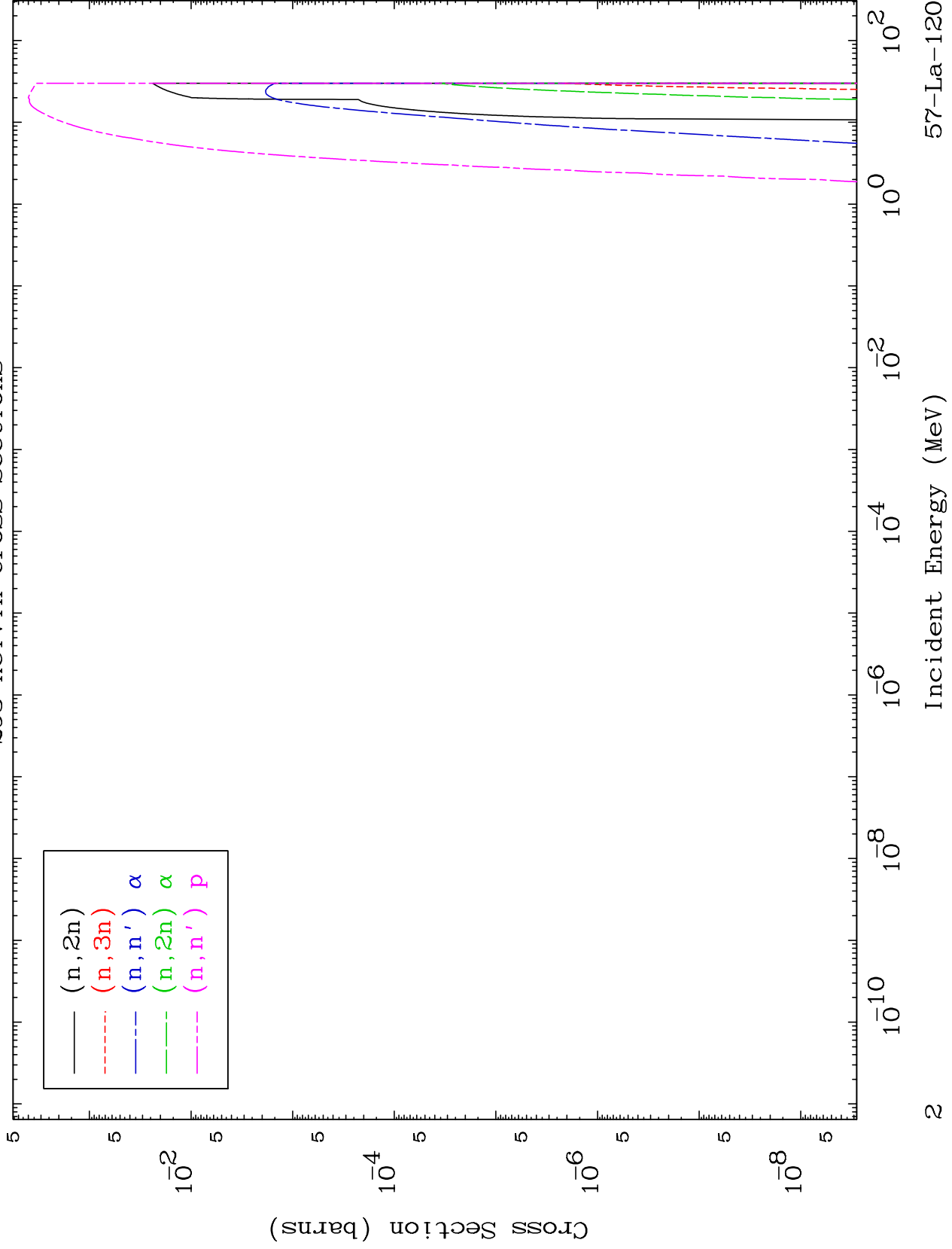
57-La-120



MAT 5671

Neutron Production
293 Kelvin Cross Sections

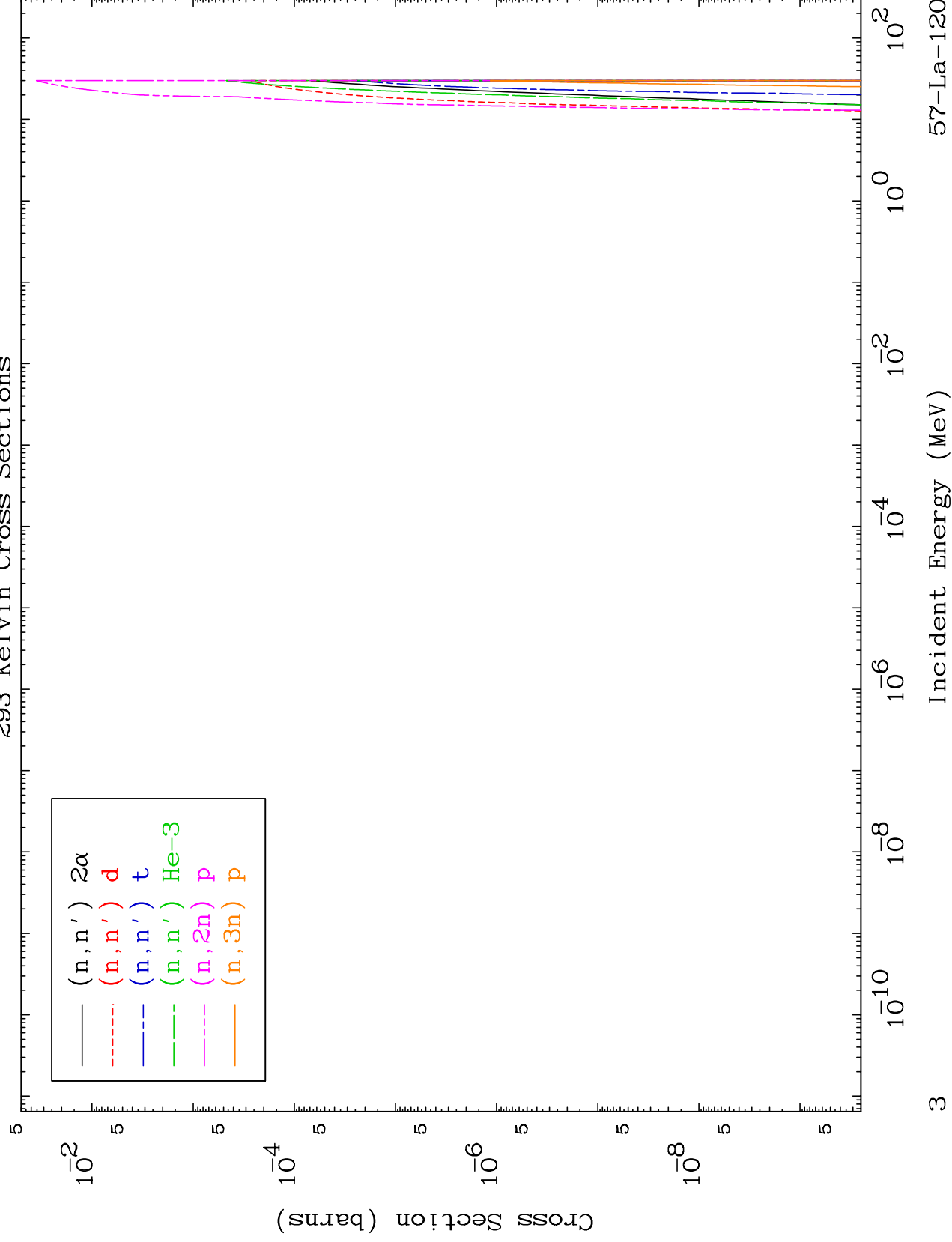
57-La-120



MAT 5671

Neutron Production
293 Kelvin Cross Sections

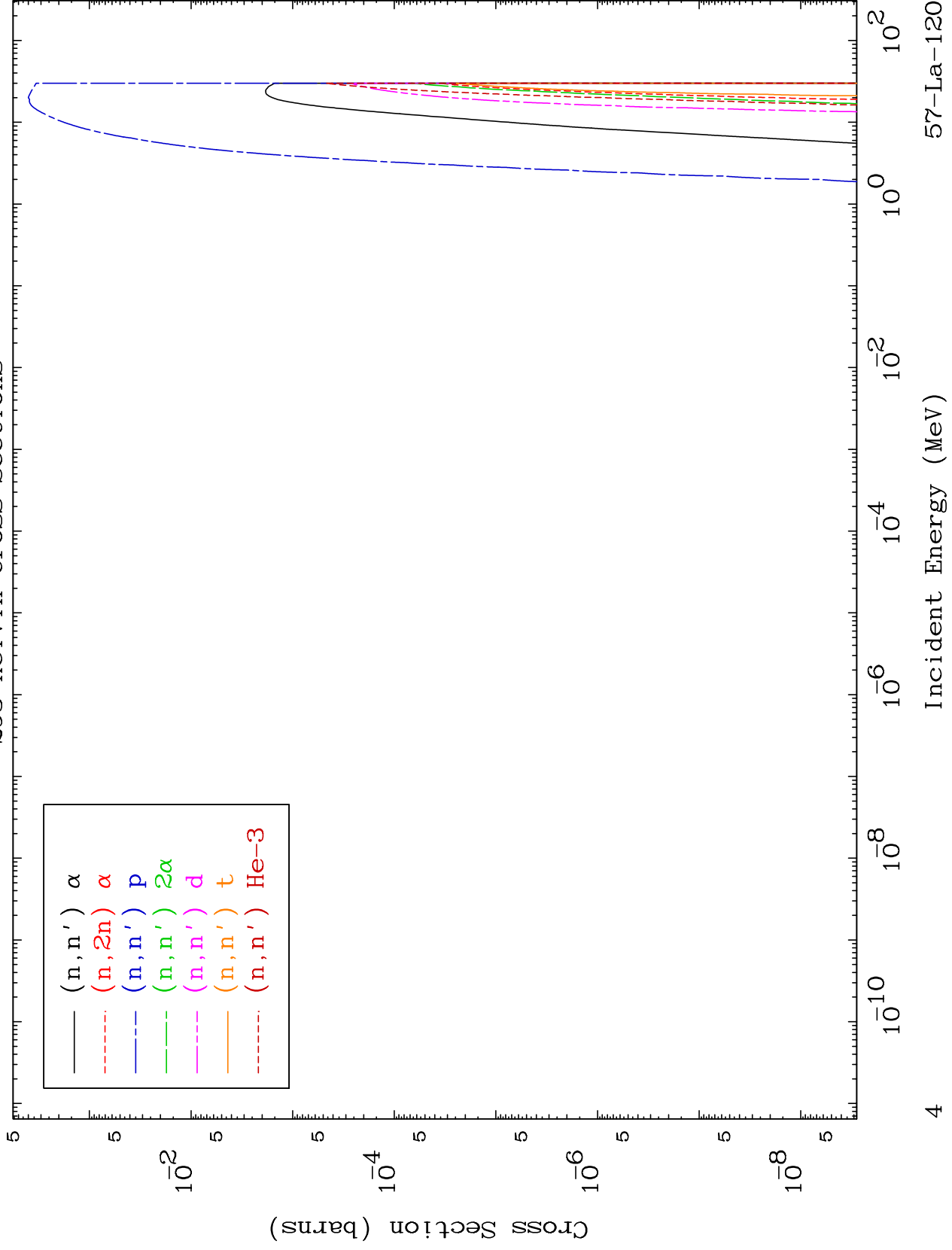
57-La-120



MAT 5671

Charged Particle
293 Kelvin Cross Sections

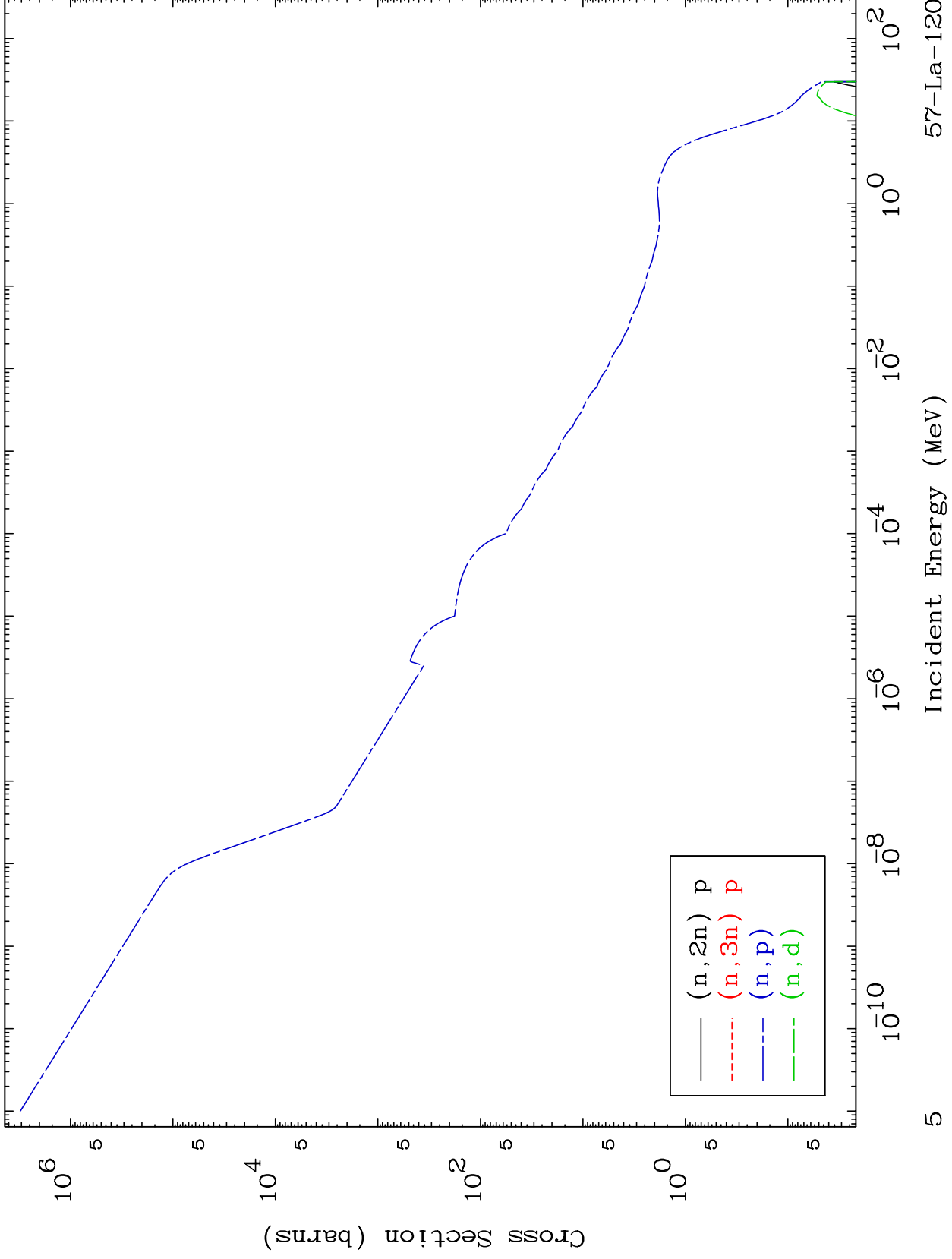
57-La-120



MAT 5671

Charged Particle
293 Kelvin Cross Sections

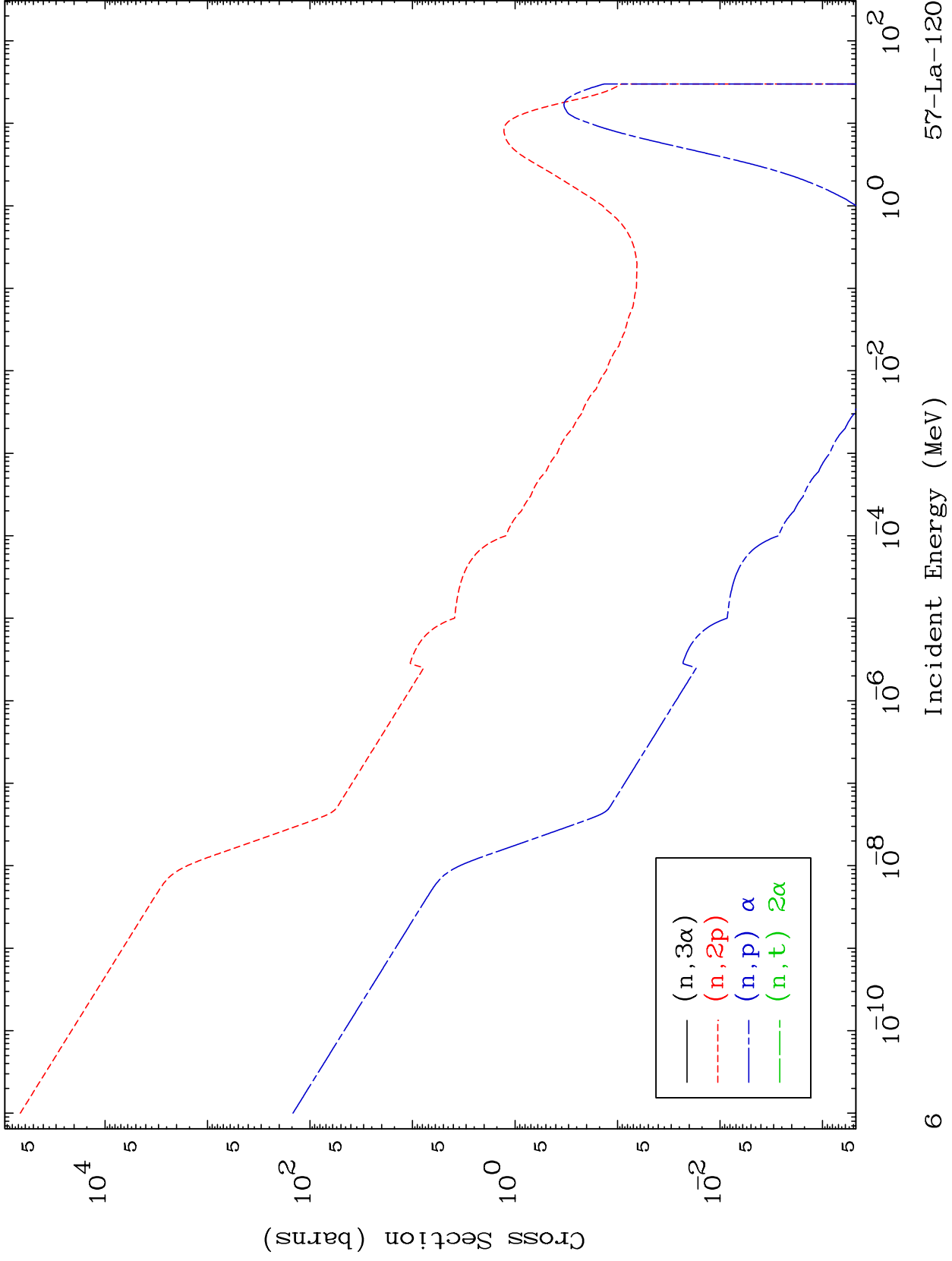
57-La-120



MAT 5671

Charged Particle
293 Kelvin Cross Sections

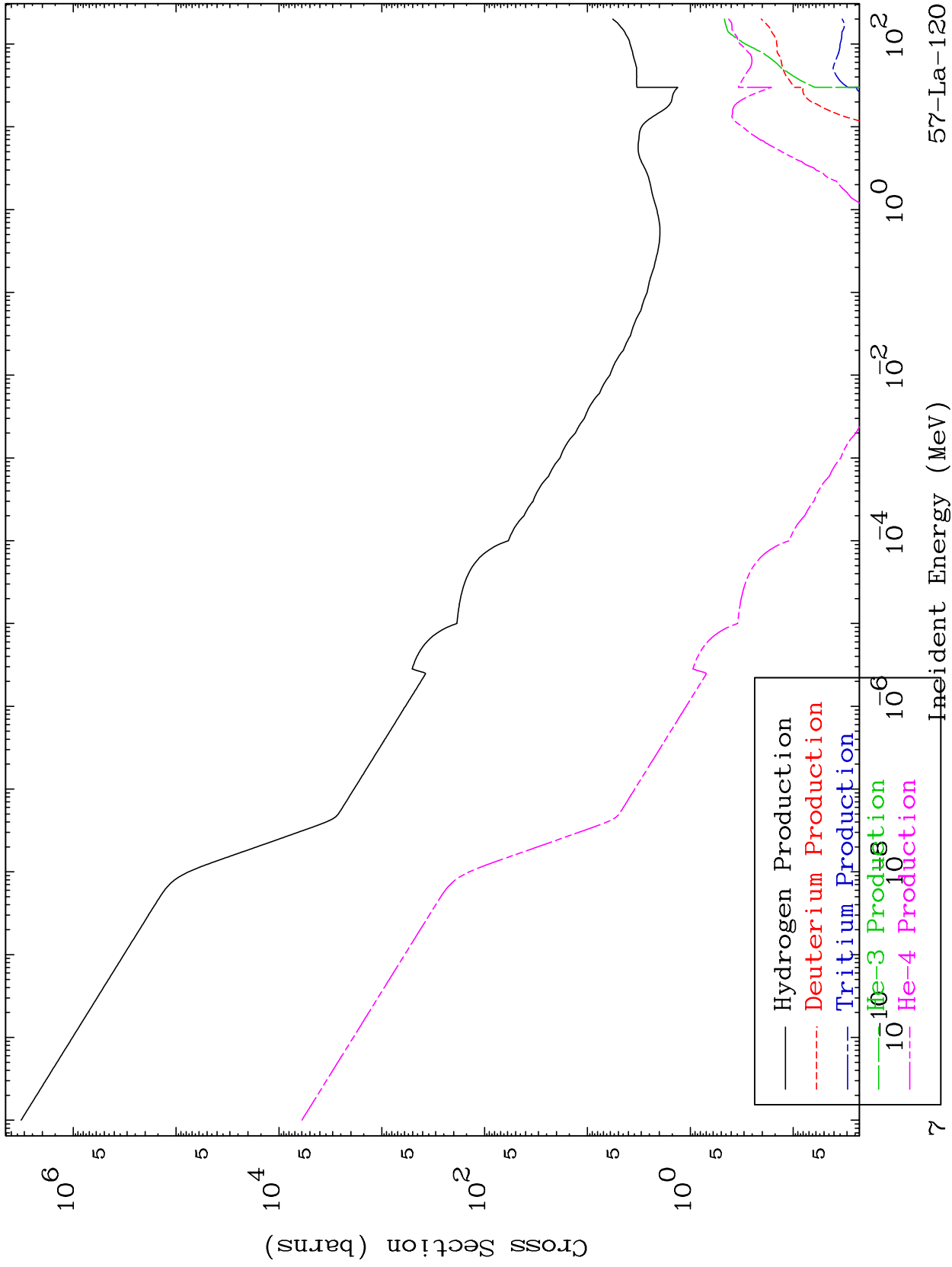
57-La-120



MAT 5671

Particle Production
293 Kelvin Cross Sections

57-La-120



57-La-120

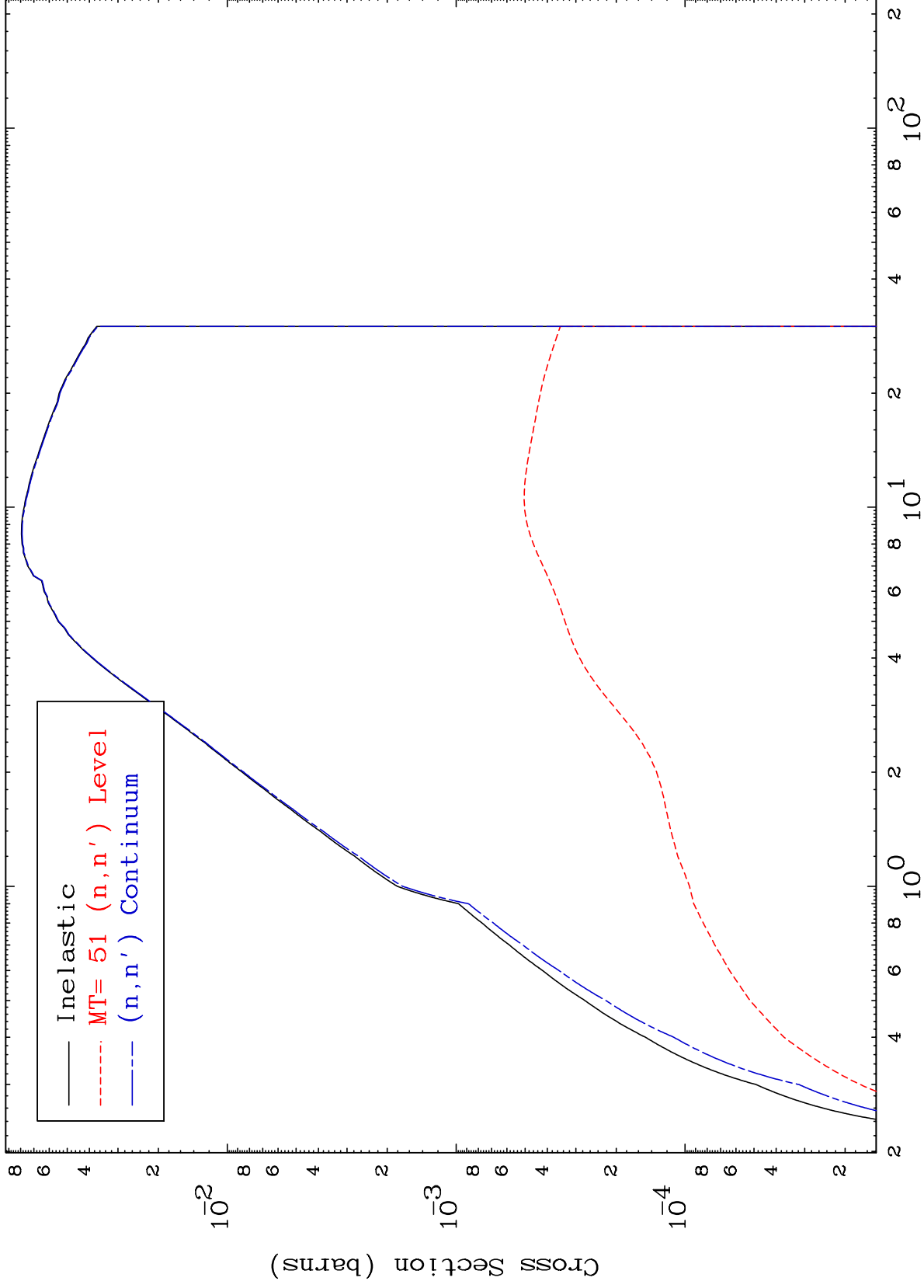
Incident Energy (MeV)

7

MAT 5671

293 Kelvin Cross Sections
(n,n') Level

57-La-120



8

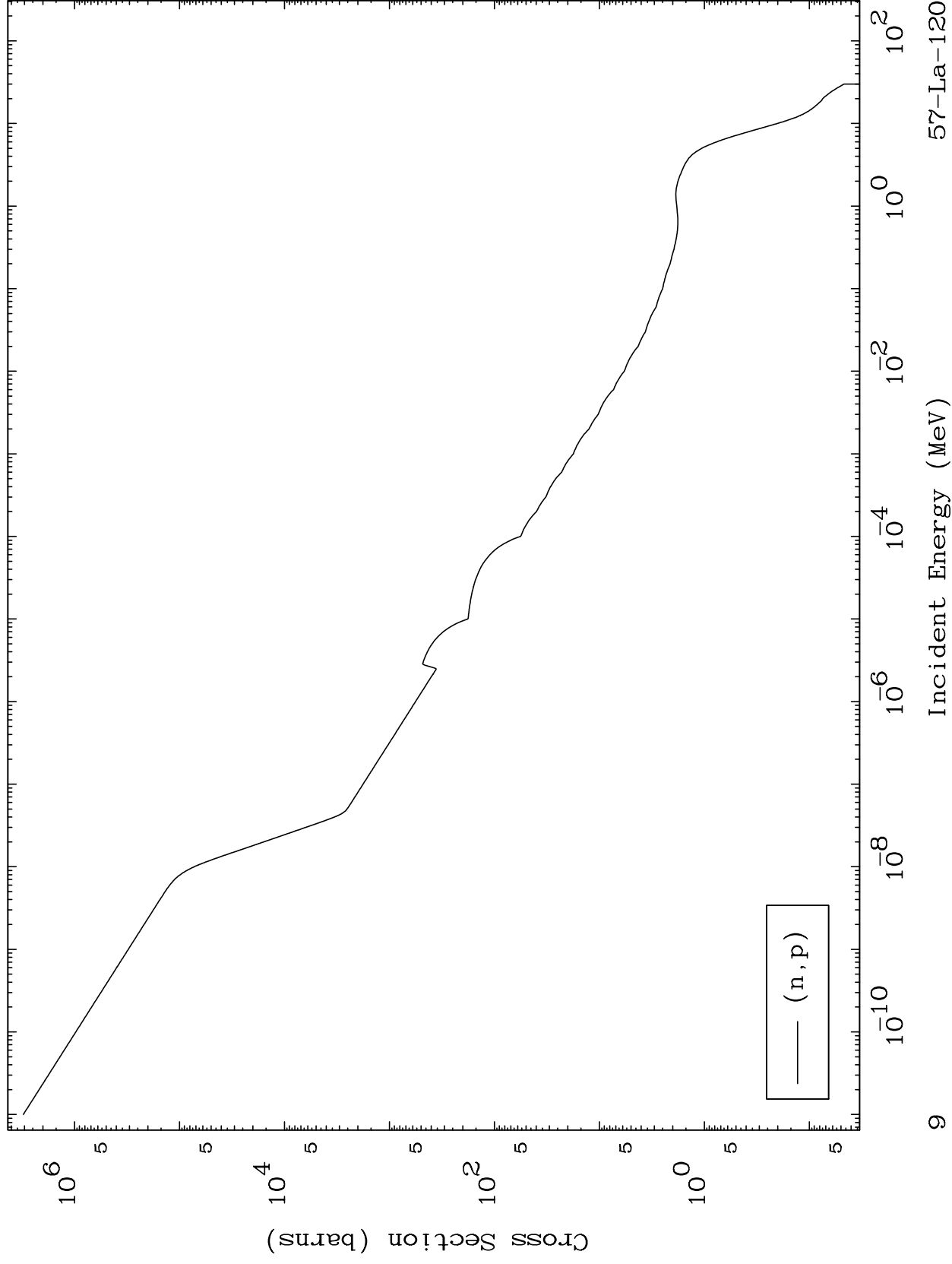
Incident Energy (MeV)

57-La-120

MAT 5671

(n,p) Levels
293 Kelvin Cross Sections

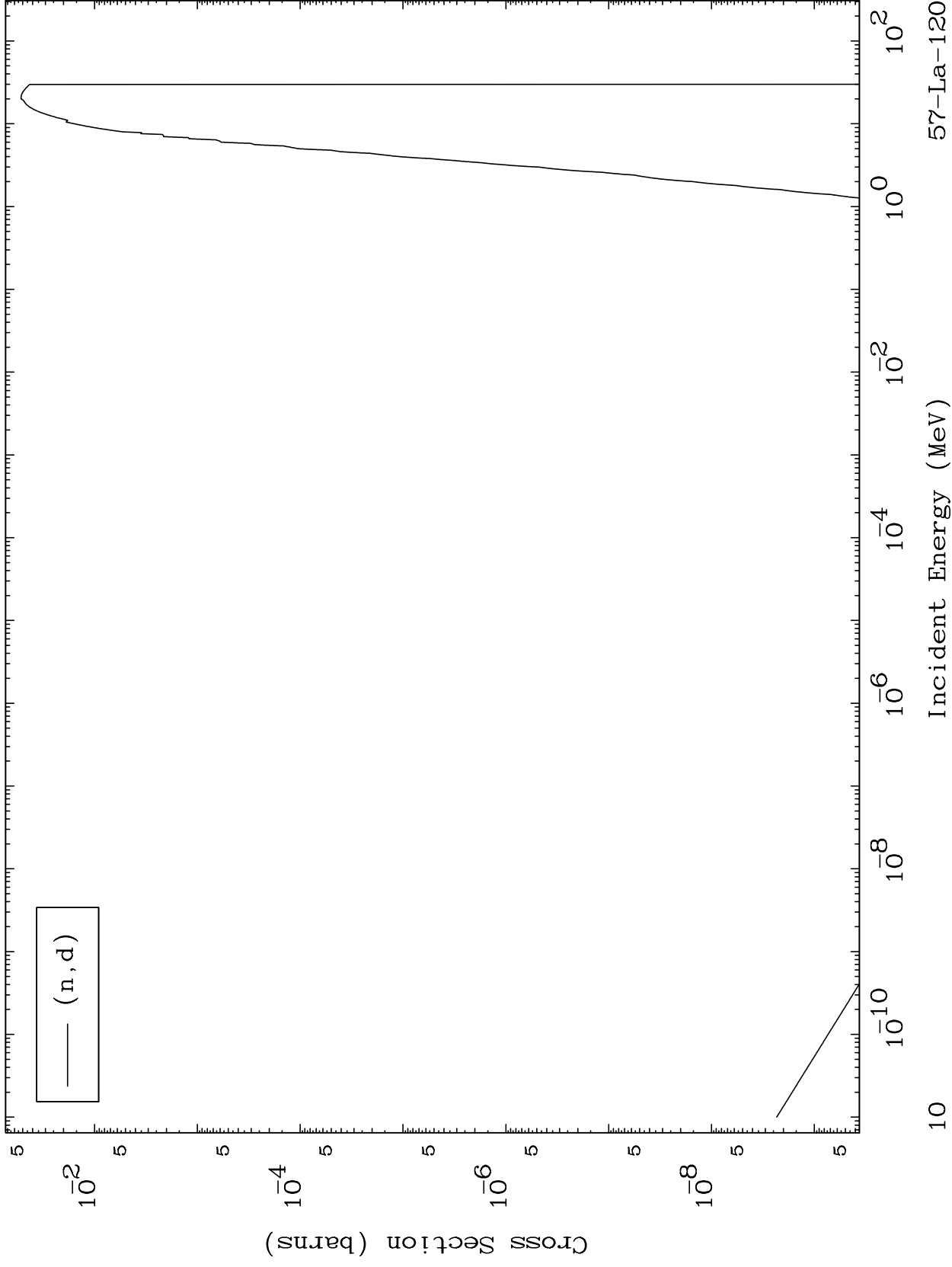
57-La-120



MAT 5671

(n,d) Levels
293 Kelvin Cross Sections

57-La-120



57-La-120

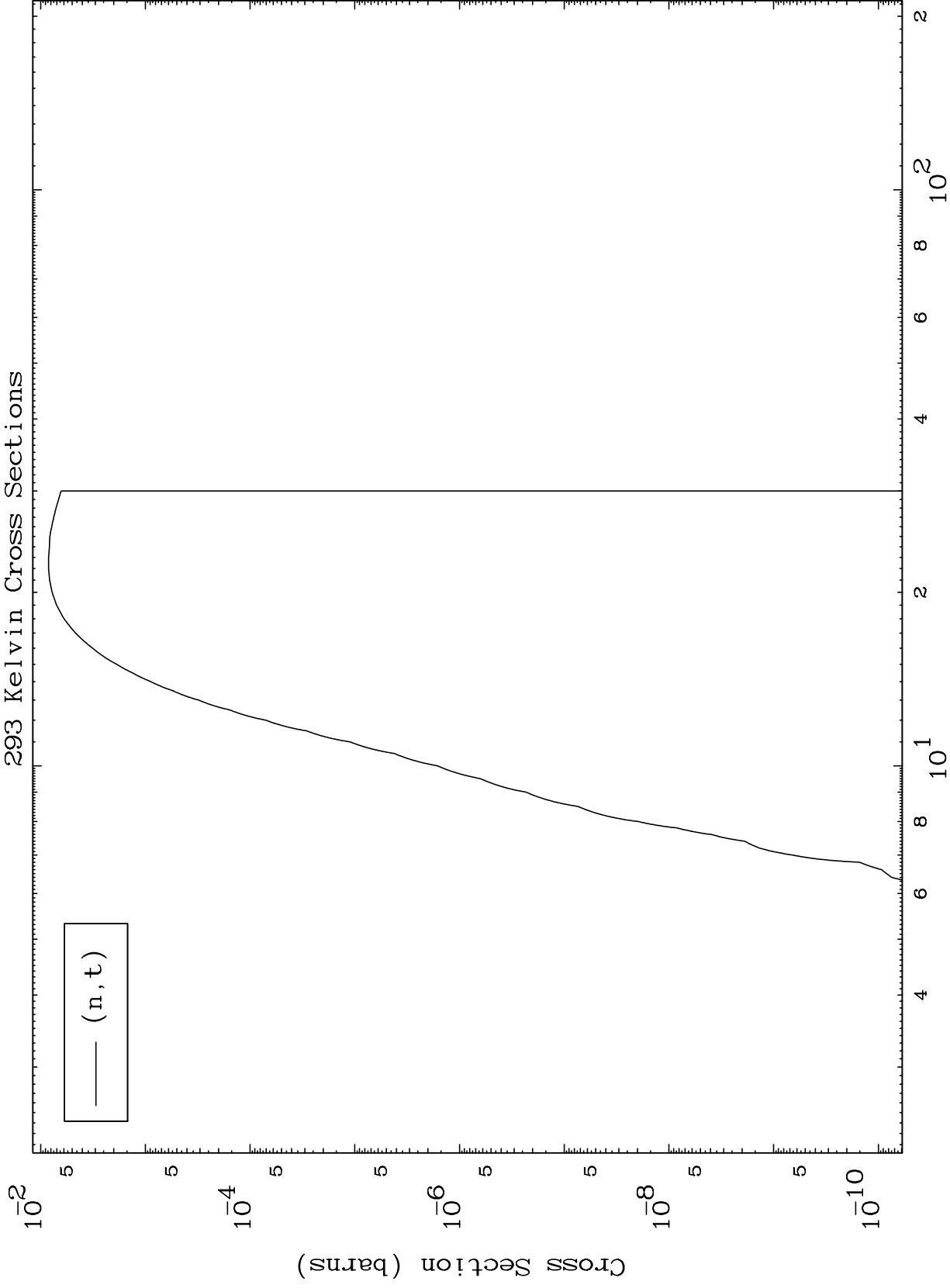
Incident Energy (MeV)

10

MAT 5671

(n,t) Levels
293 Kelvin Cross Sections

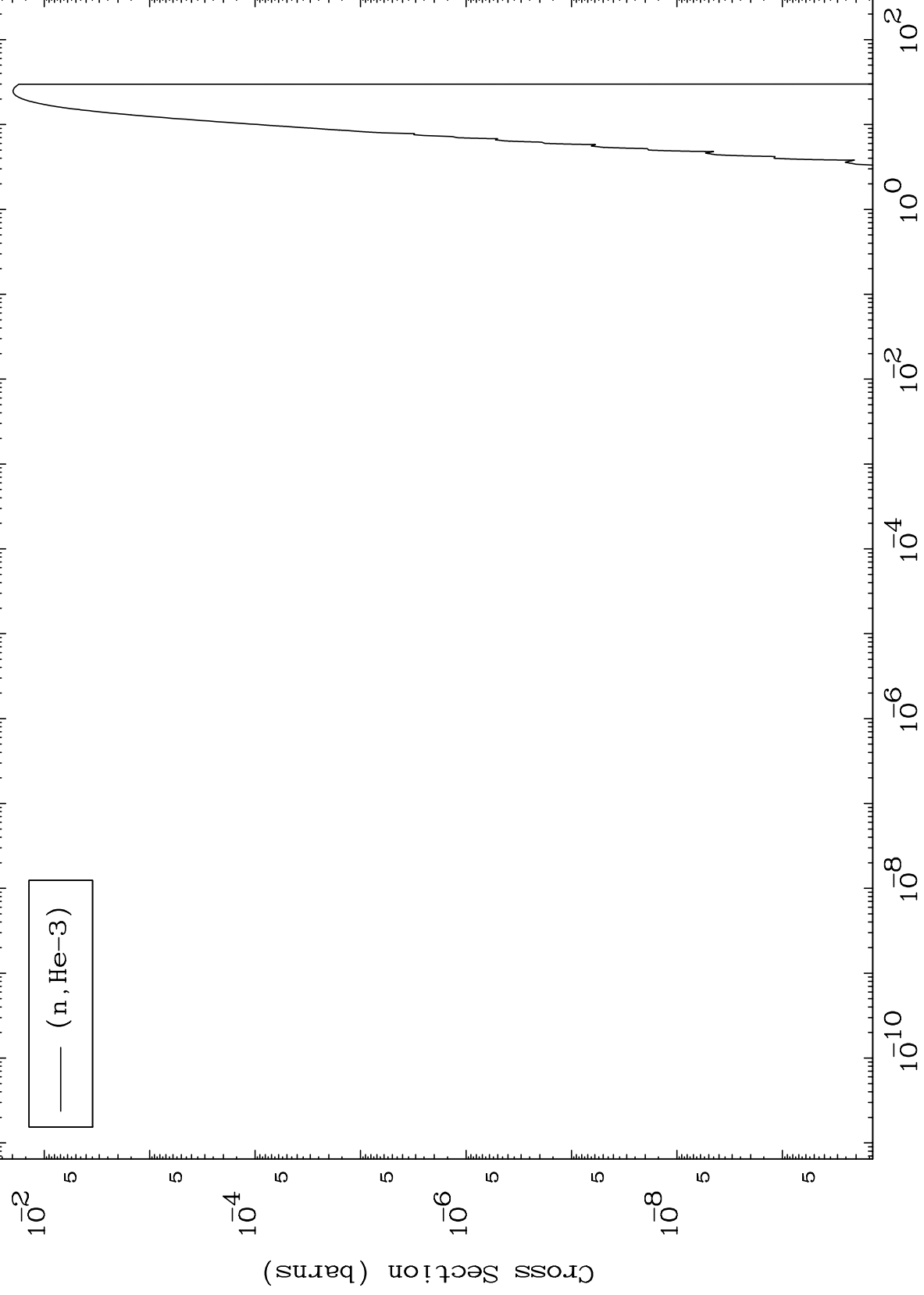
57-La-120



MAT 5671

(n,He3) Levels
293 Kelvin Cross Sections

57-La-120



12

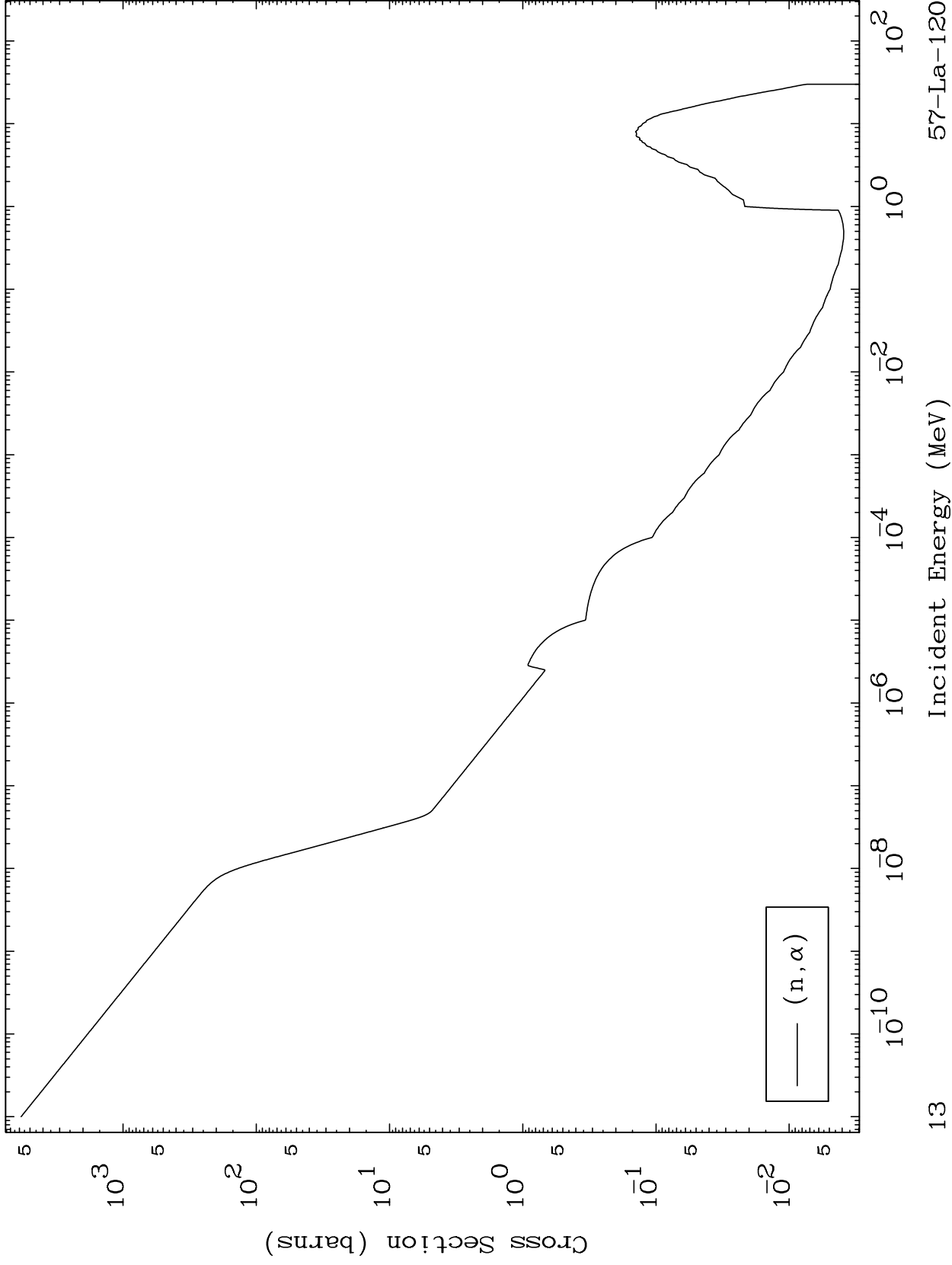
Incident Energy (MeV)

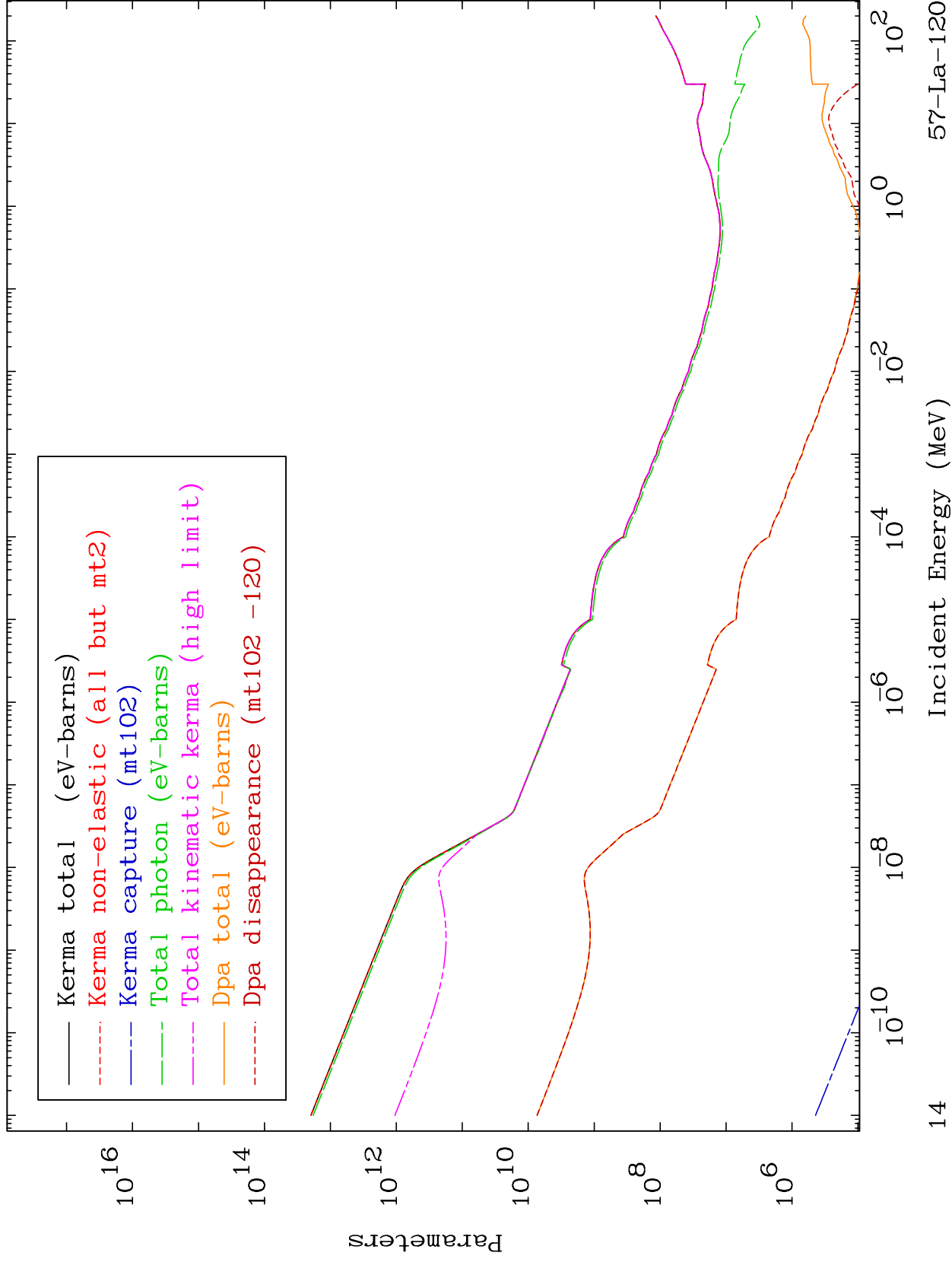
57-La-120

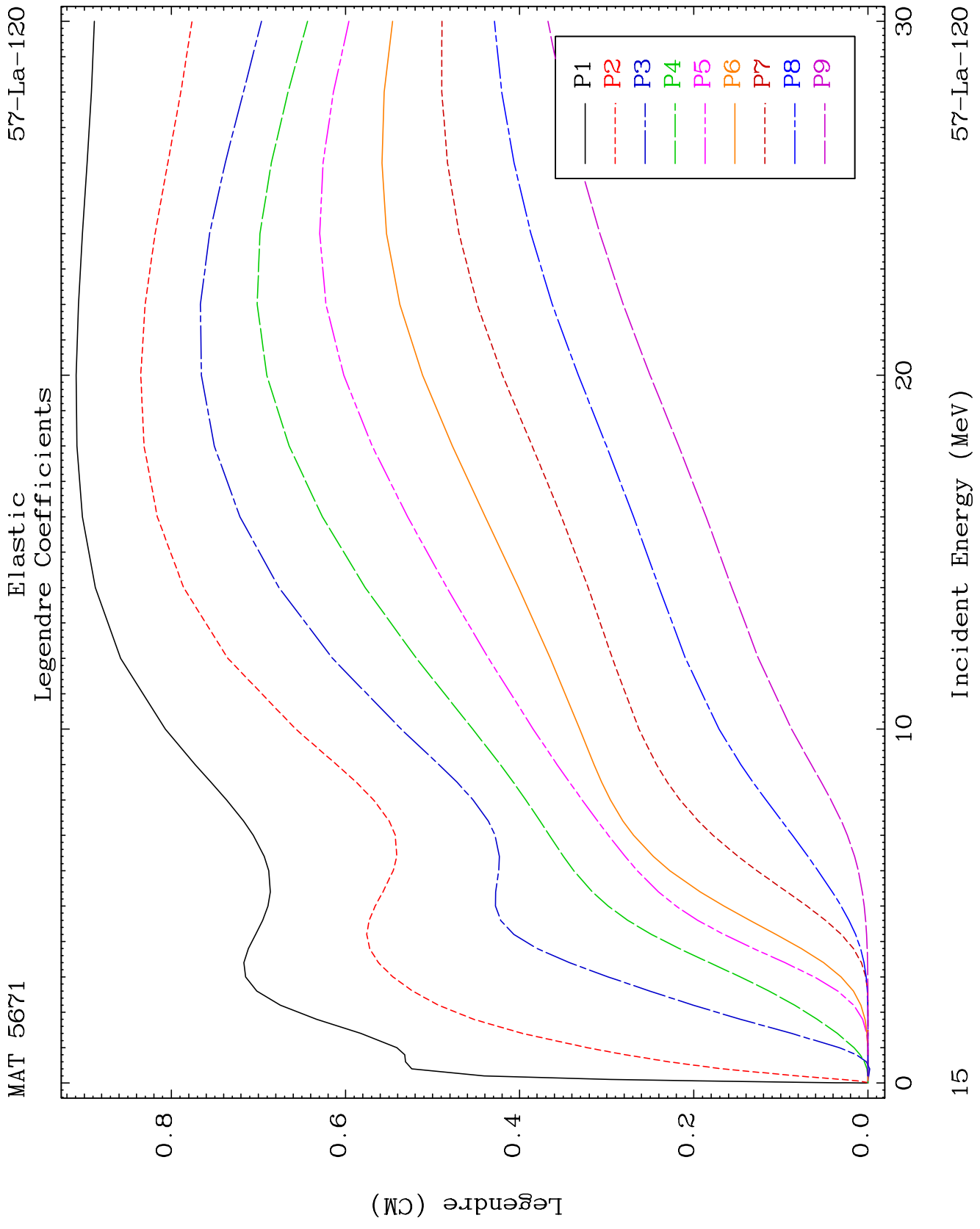
MAT 5671

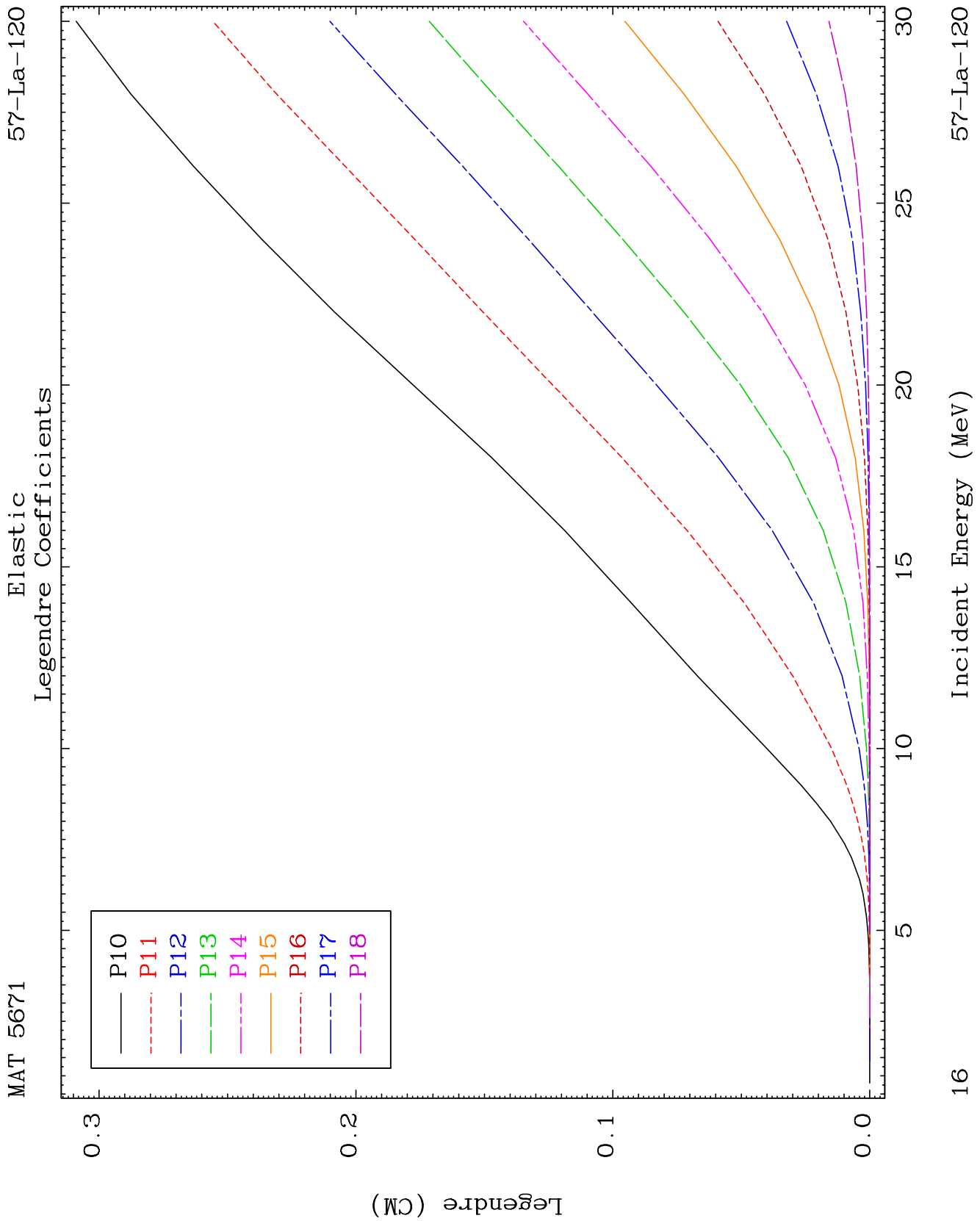
(n,α) Levels
293 Kelvin Cross Sections

57-La-120





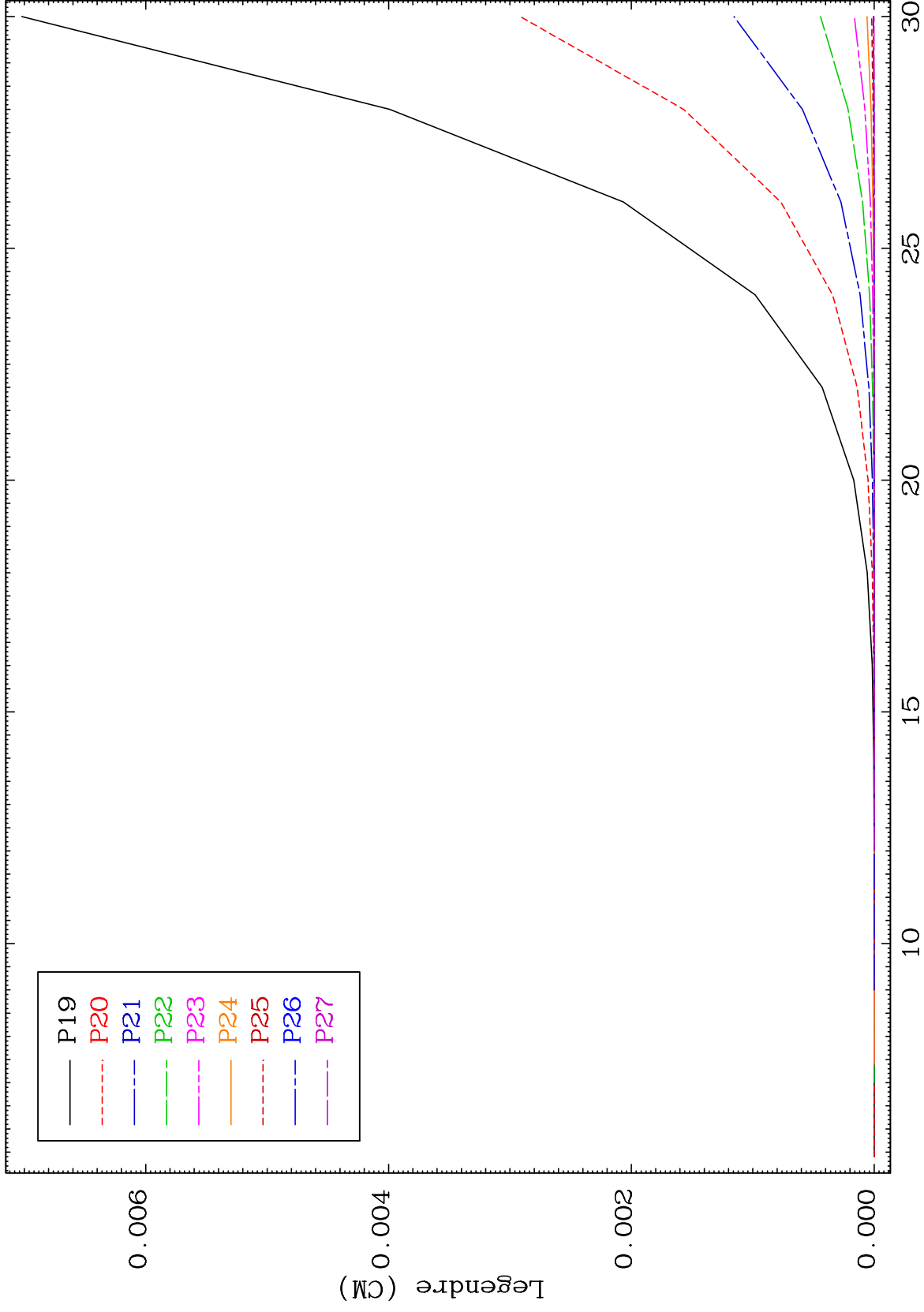




MAT 5671

Elastic Legendre Coefficients

57-La-120



17

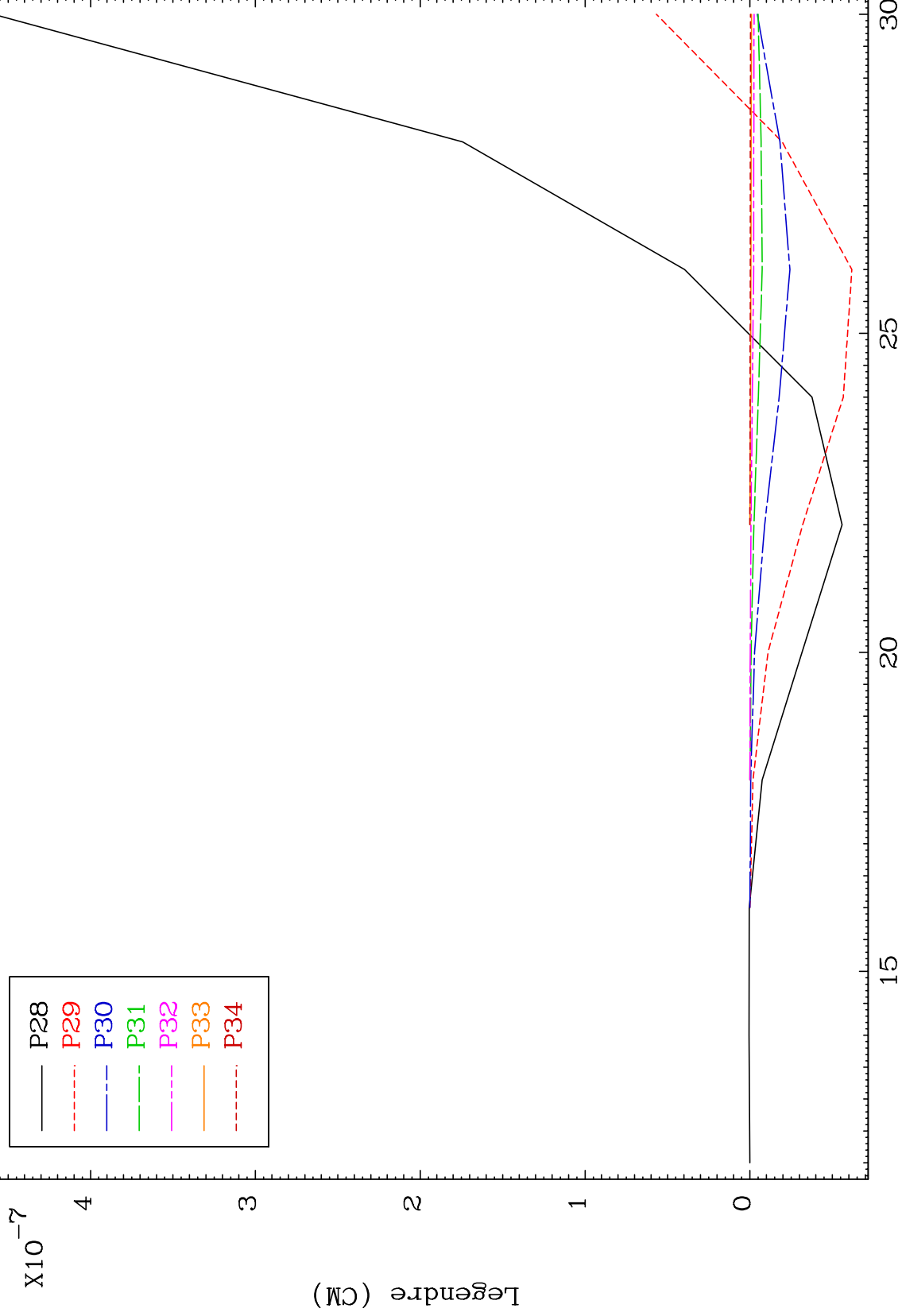
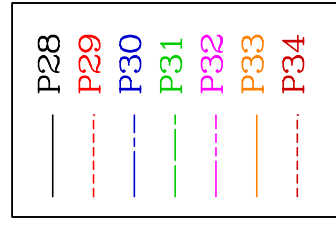
Incident Energy (MeV)

57-La-120

MAT 5671

Elastic Legendre Coefficients

57-La-120



18

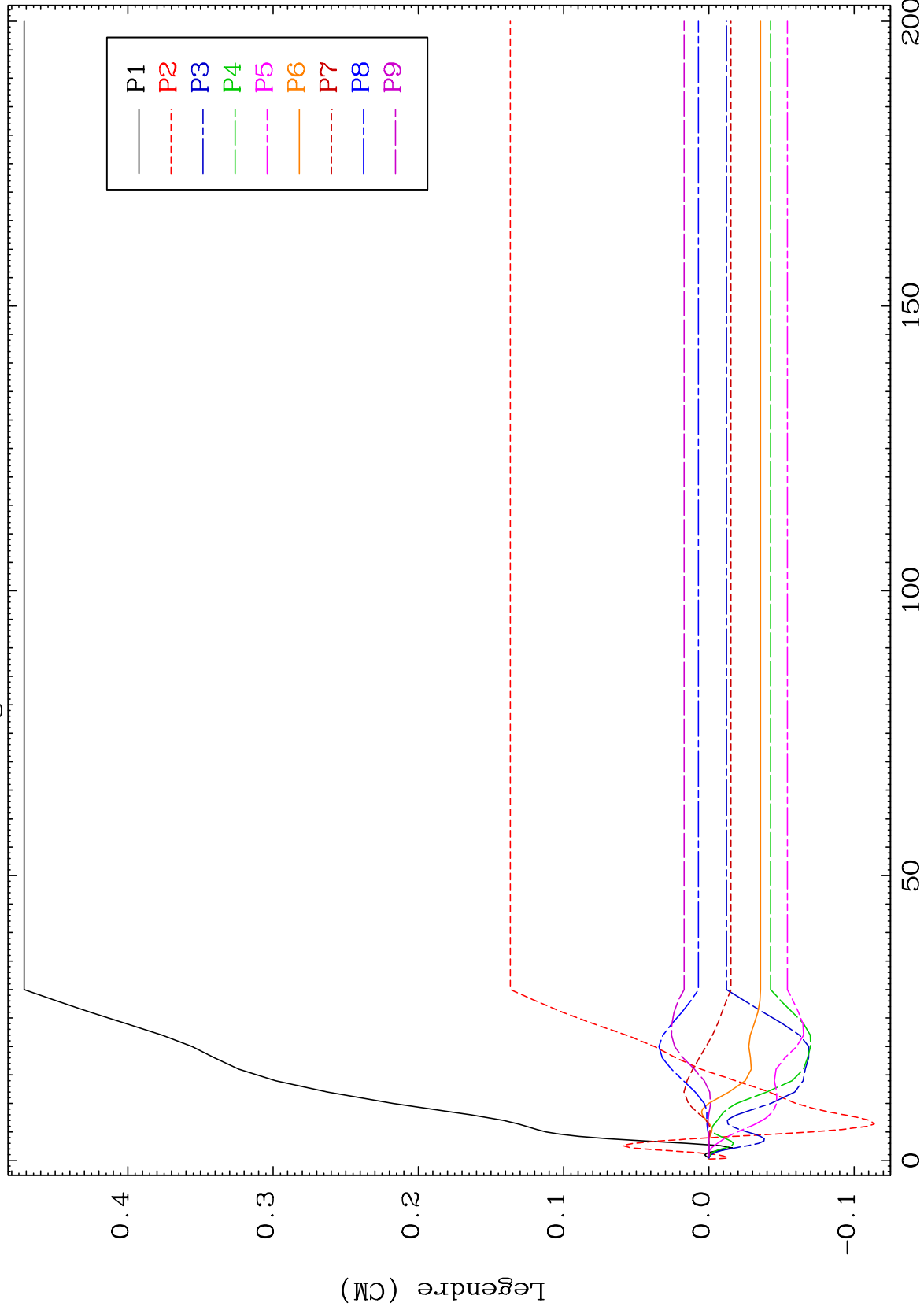
Incident Energy (MeV)

57-La-120

MAT 5671

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

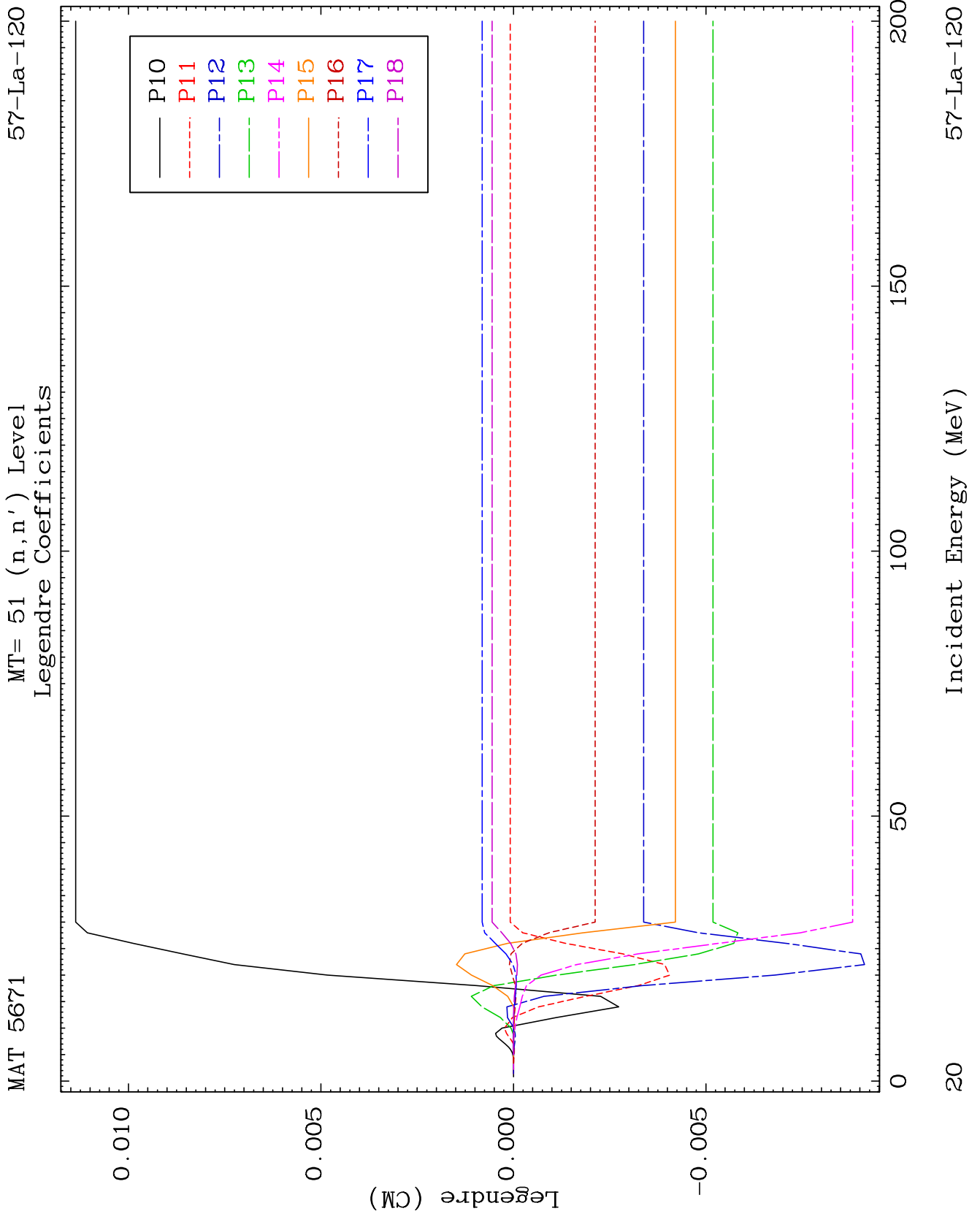
57-La-120



19

Incident Energy (MeV)

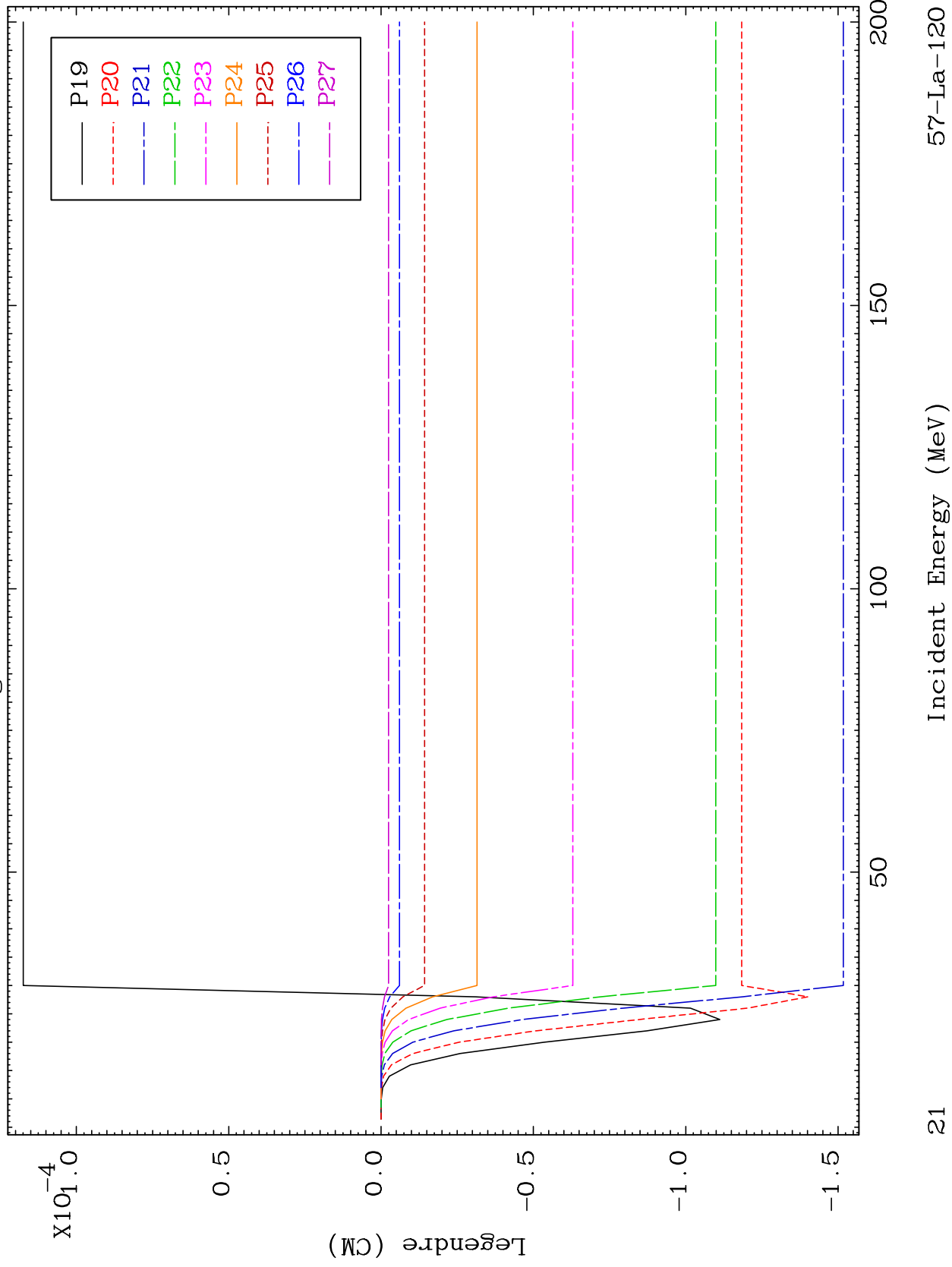
57-La-120



MAT 5671

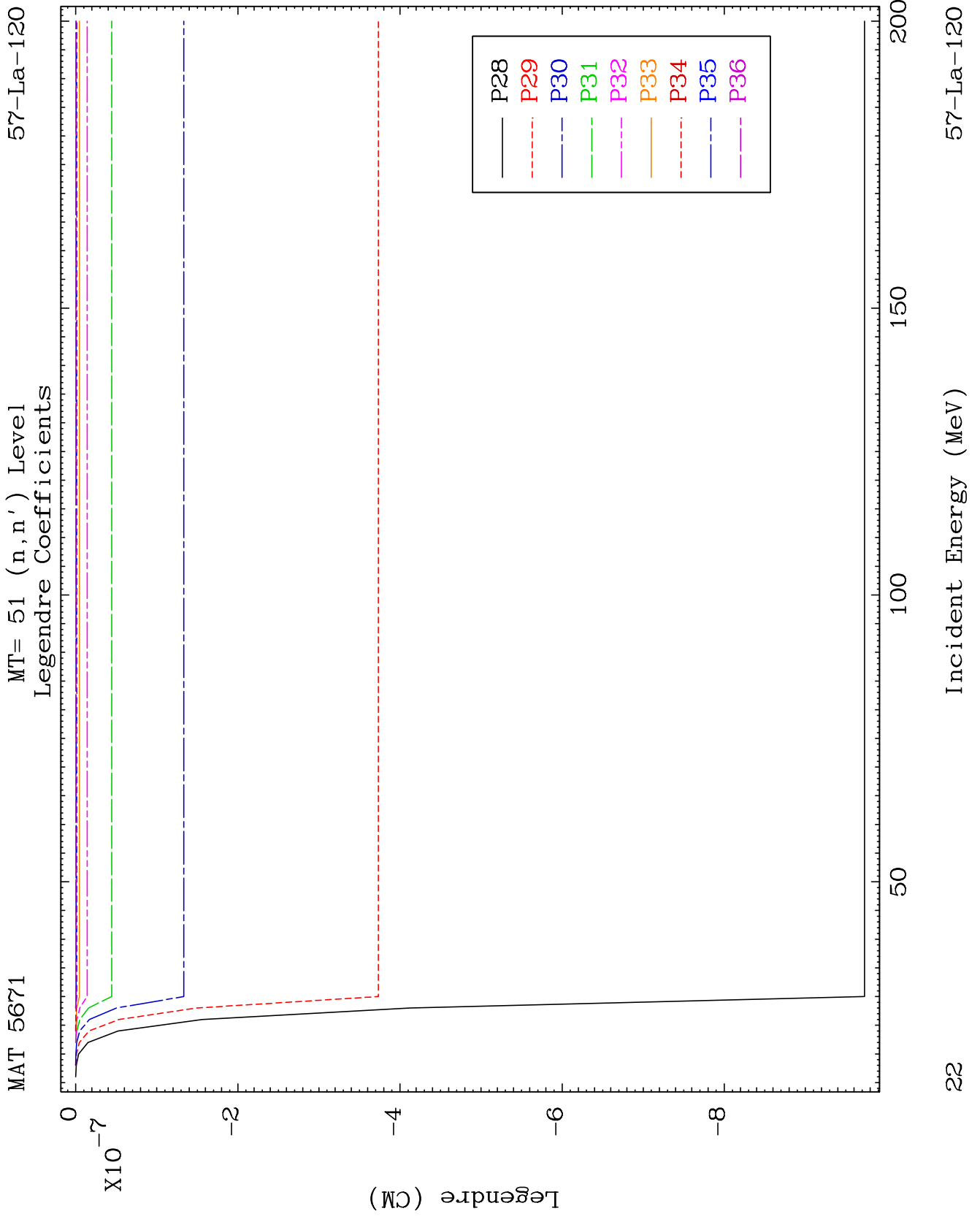
MT= 51 (n,n') Level
Legendre Coefficients

57-La-120



21

57-La-120

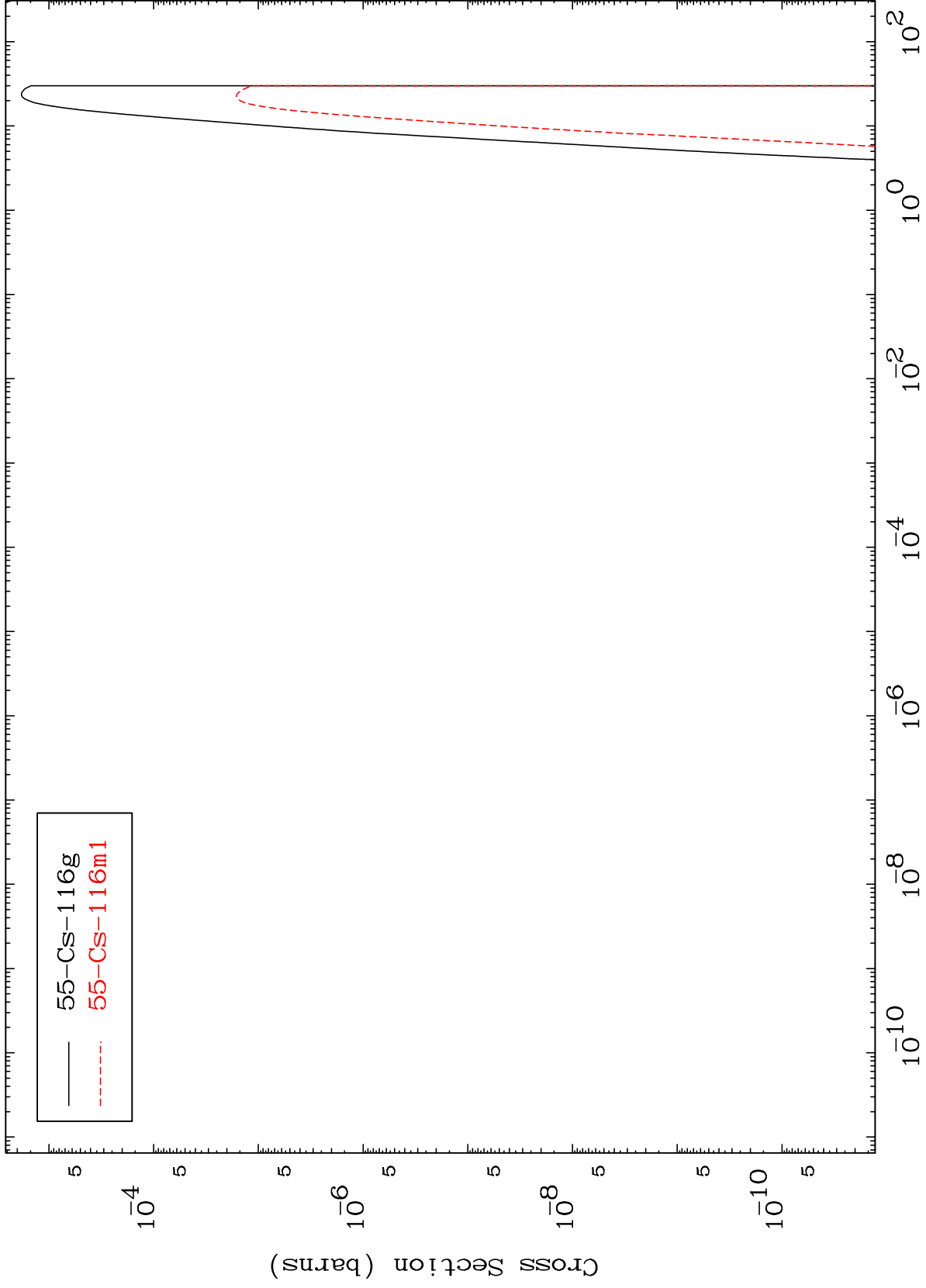


MAT 5671

$(n, n') \alpha$

57-La-120

Radionuclide Production Cross Section

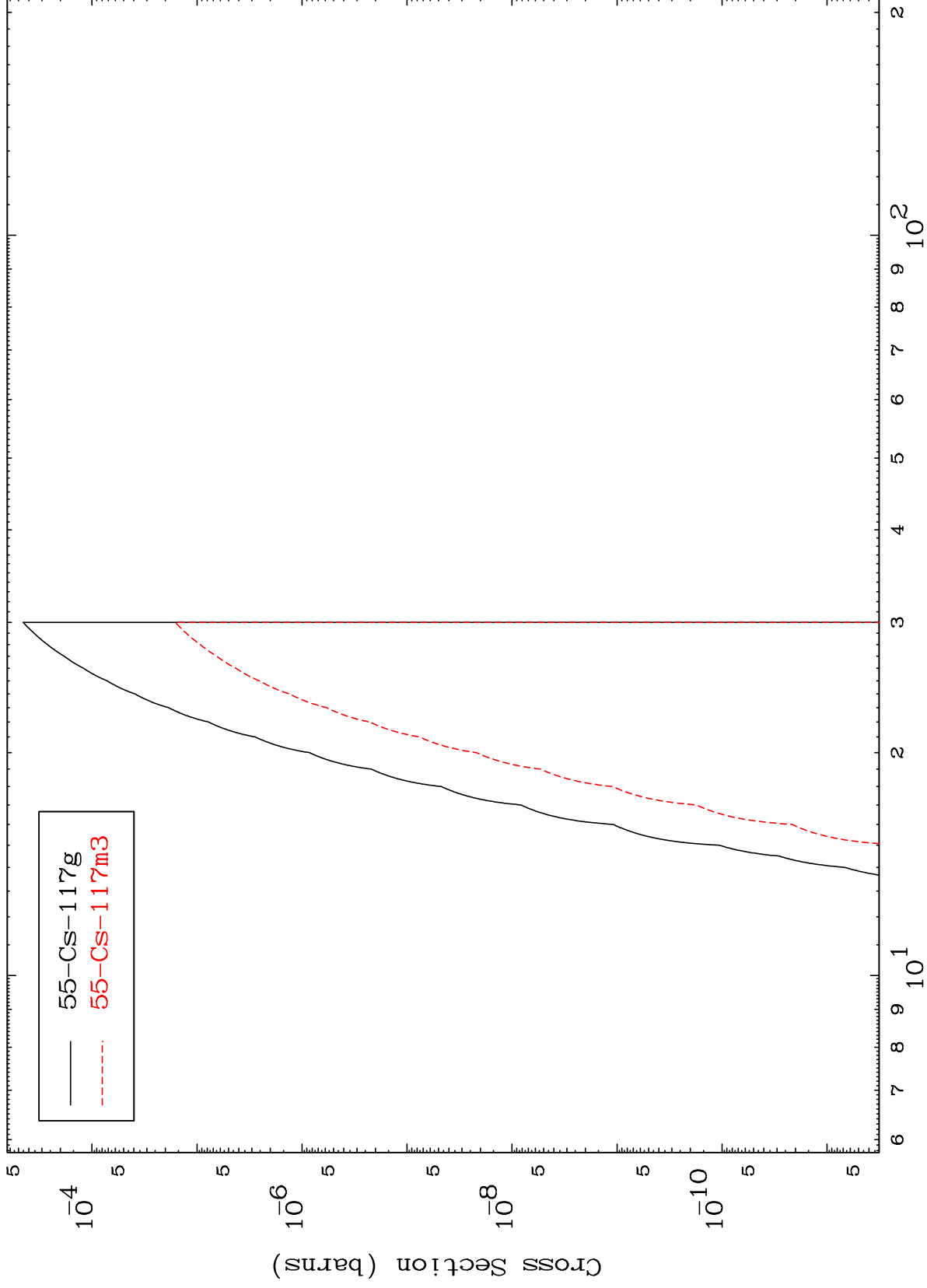


MAT 5671

(n,n') He-3

57-La-120

Radionuclide Production Cross Section



24

Incident Energy (MeV)

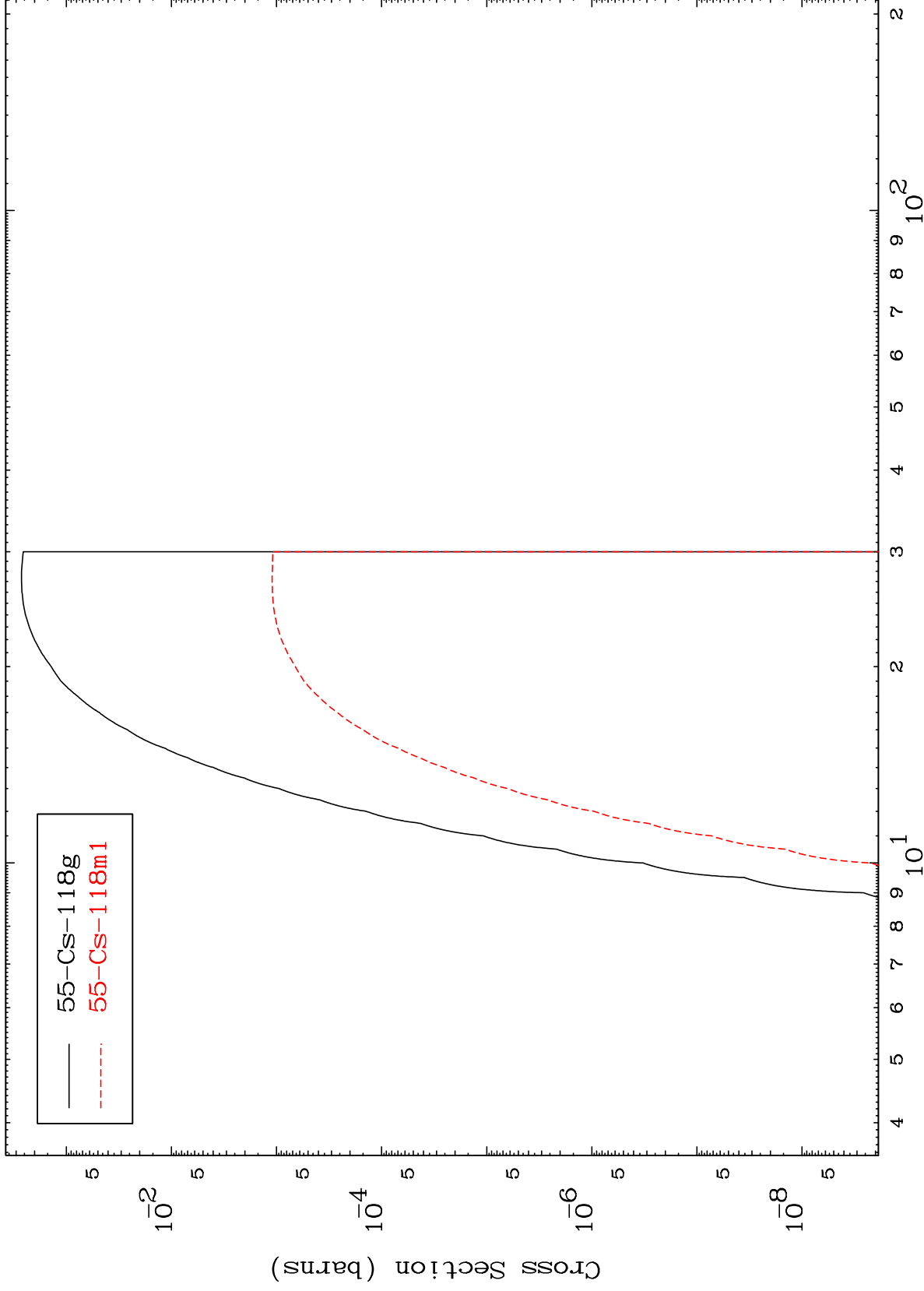
57-La-120

MAT 5671

(n,2n) p

57-La-120

Radionuclide Production Cross Section



25

Incident Energy (MeV)

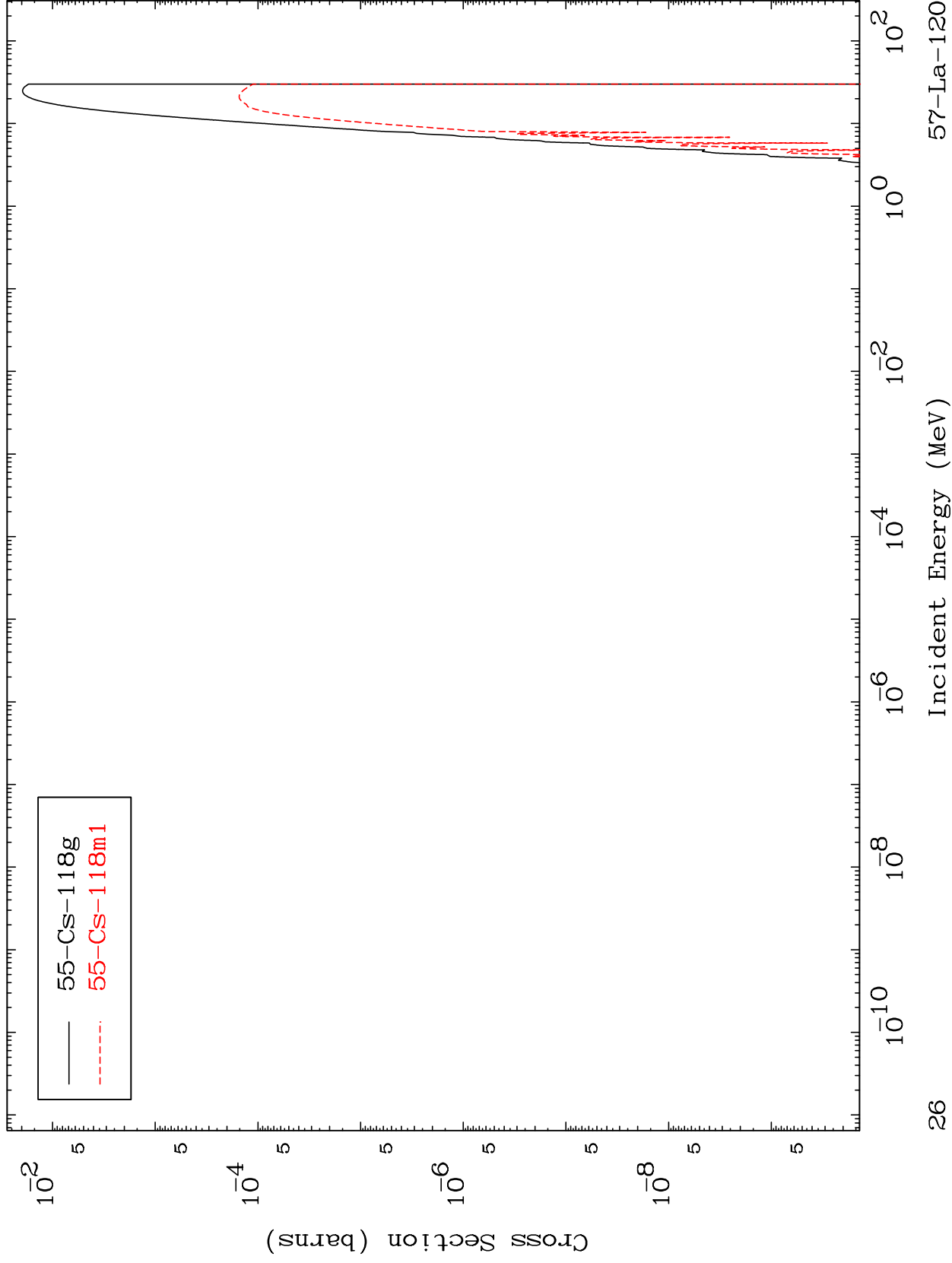
57-La-120

MAT 5671

(n,He-3)

57-La-120

Radionuclide Production Cross Section

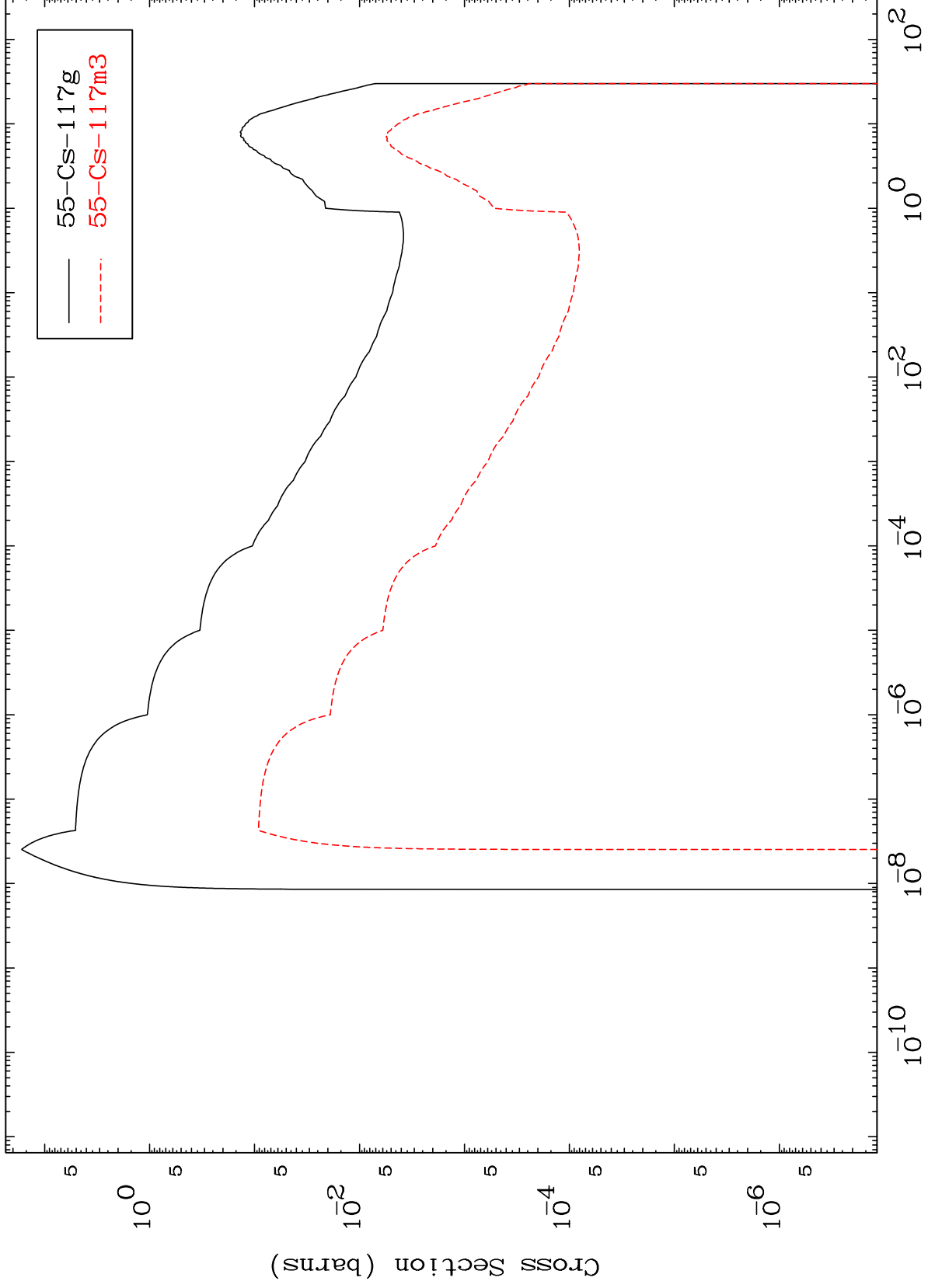


55-Cs-118g
55-Cs-118m1

MAT 5671

57-La-120

(n, α)
Radionuclide Production Cross Section



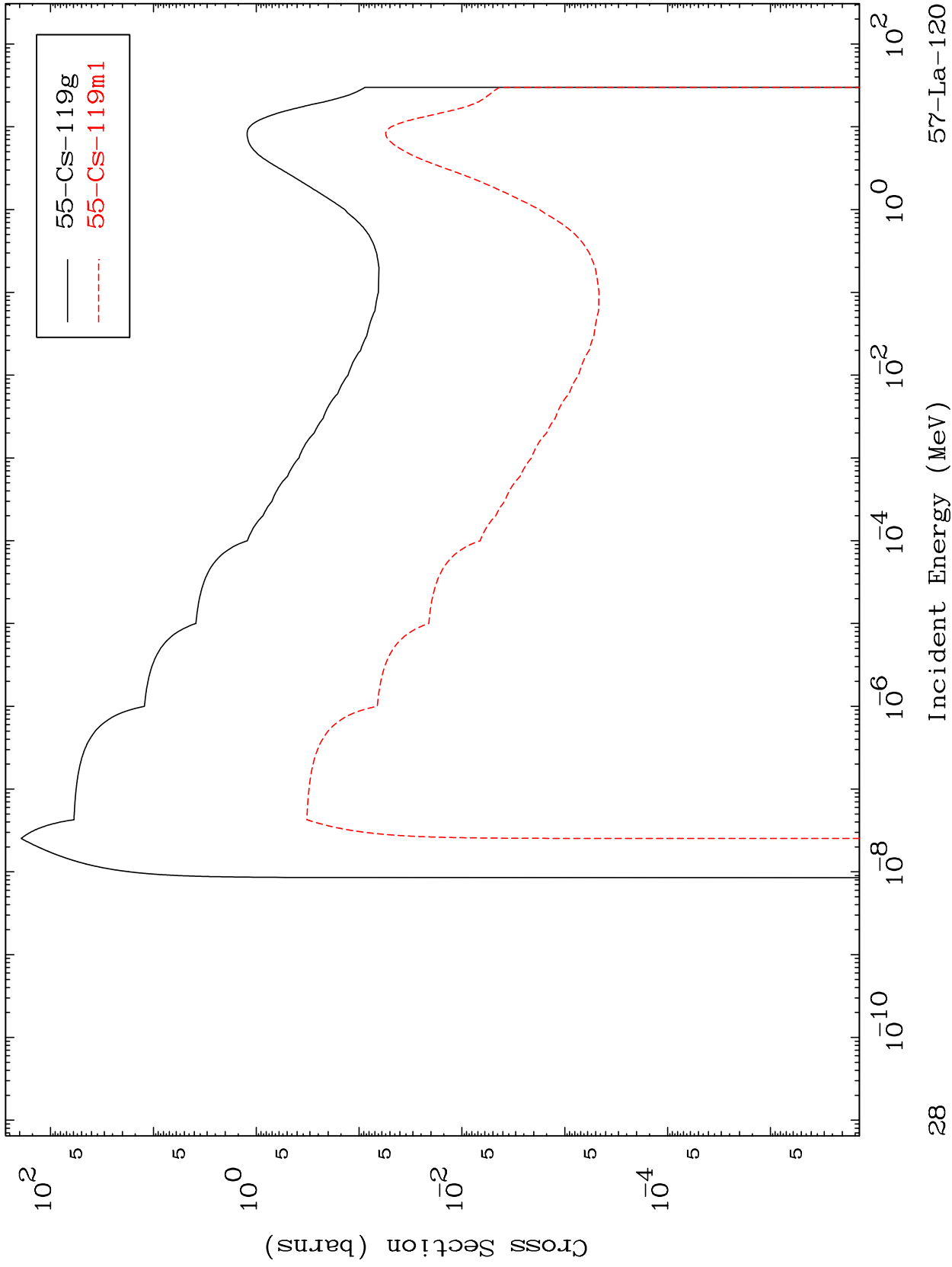
27

57-La-120

MAT 5671

57-La-120

(n,2p)
Radionuclide Production Cross Section



28

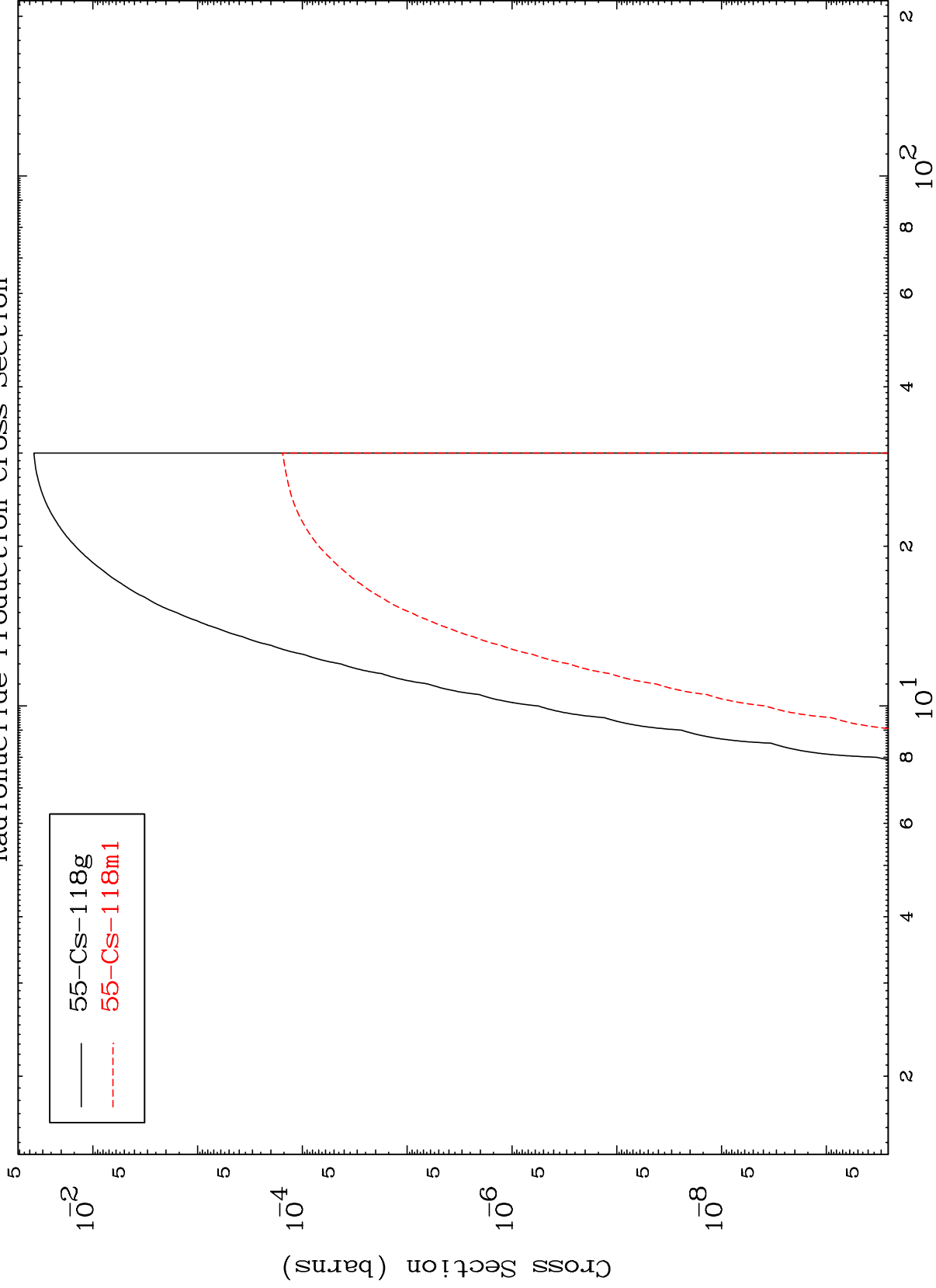
57-La-120

MAT 5671

(n,p) d

57-La-120

Radionuclide Production Cross Section



29

Incident Energy (MeV)

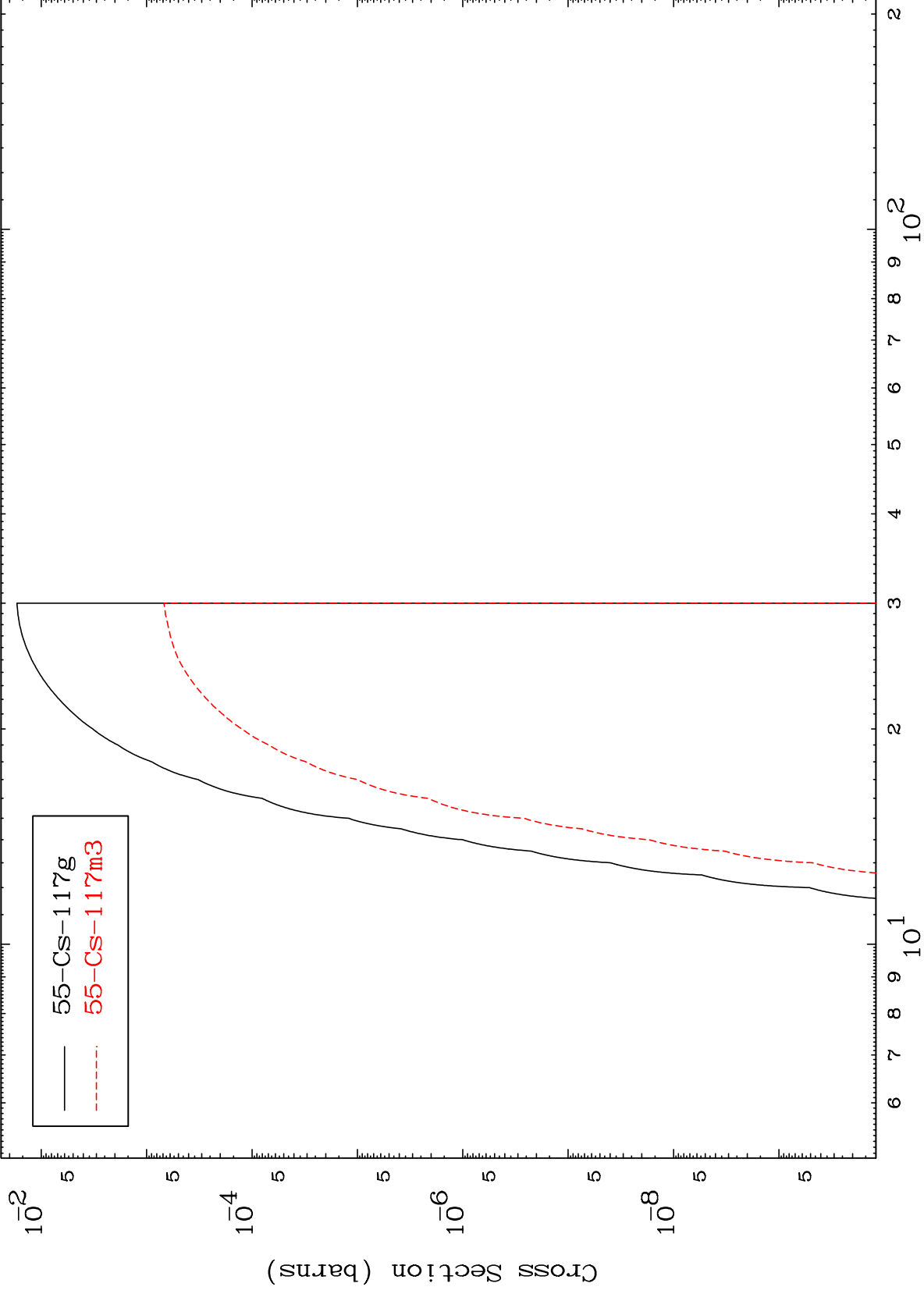
57-La-120

MAT 5671

(n,p) t

57-La-120

Radionuclide Production Cross Section



30

Incident Energy (MeV)

57-La-120