

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

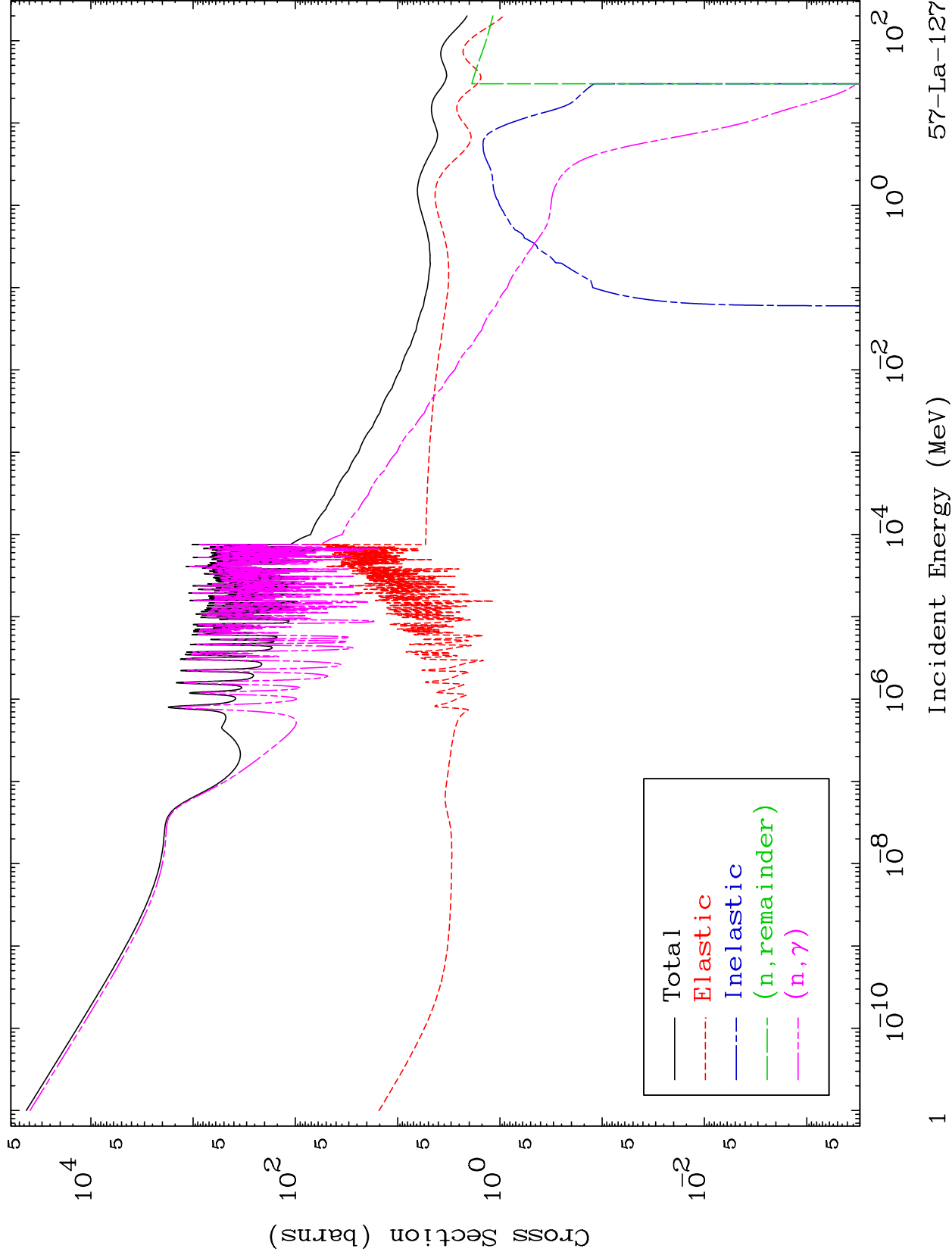
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5693

Major
293 Kelvin Cross Sections

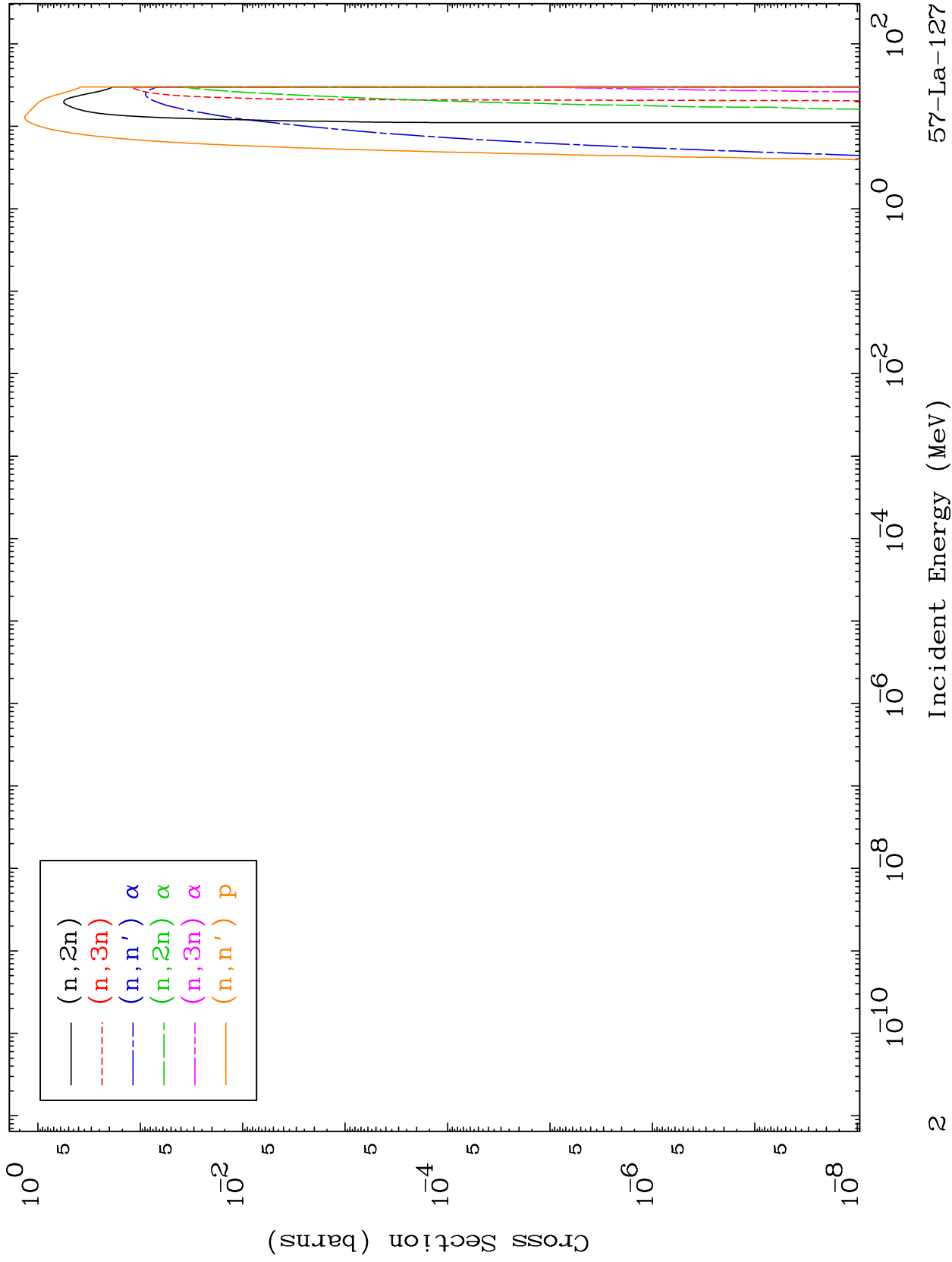
57-La-127



MAT 5693

Neutron Production
293 Kelvin Cross Sections

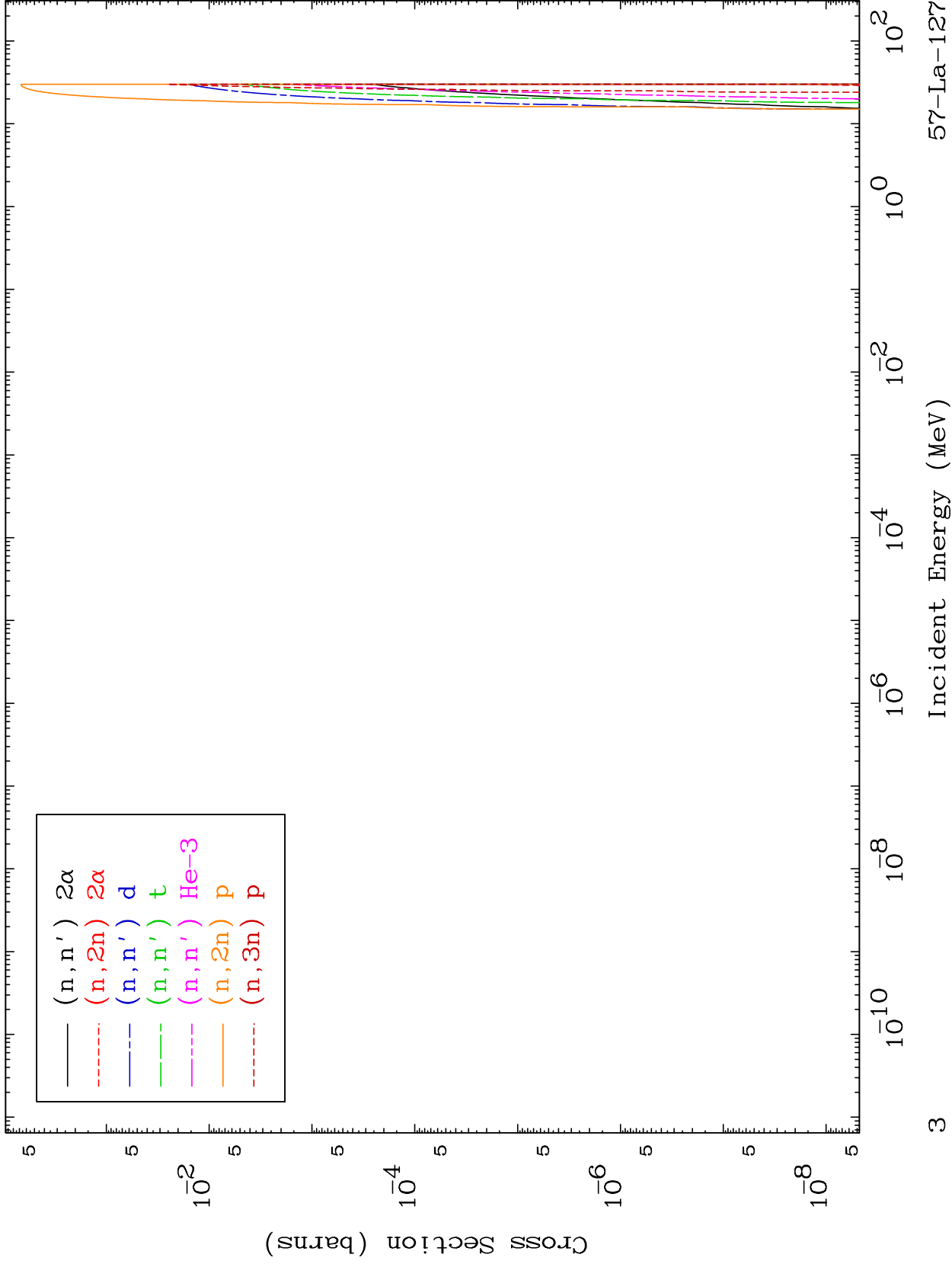
57-La-127



MAT 5693

Neutron Production
293 Kelvin Cross Sections

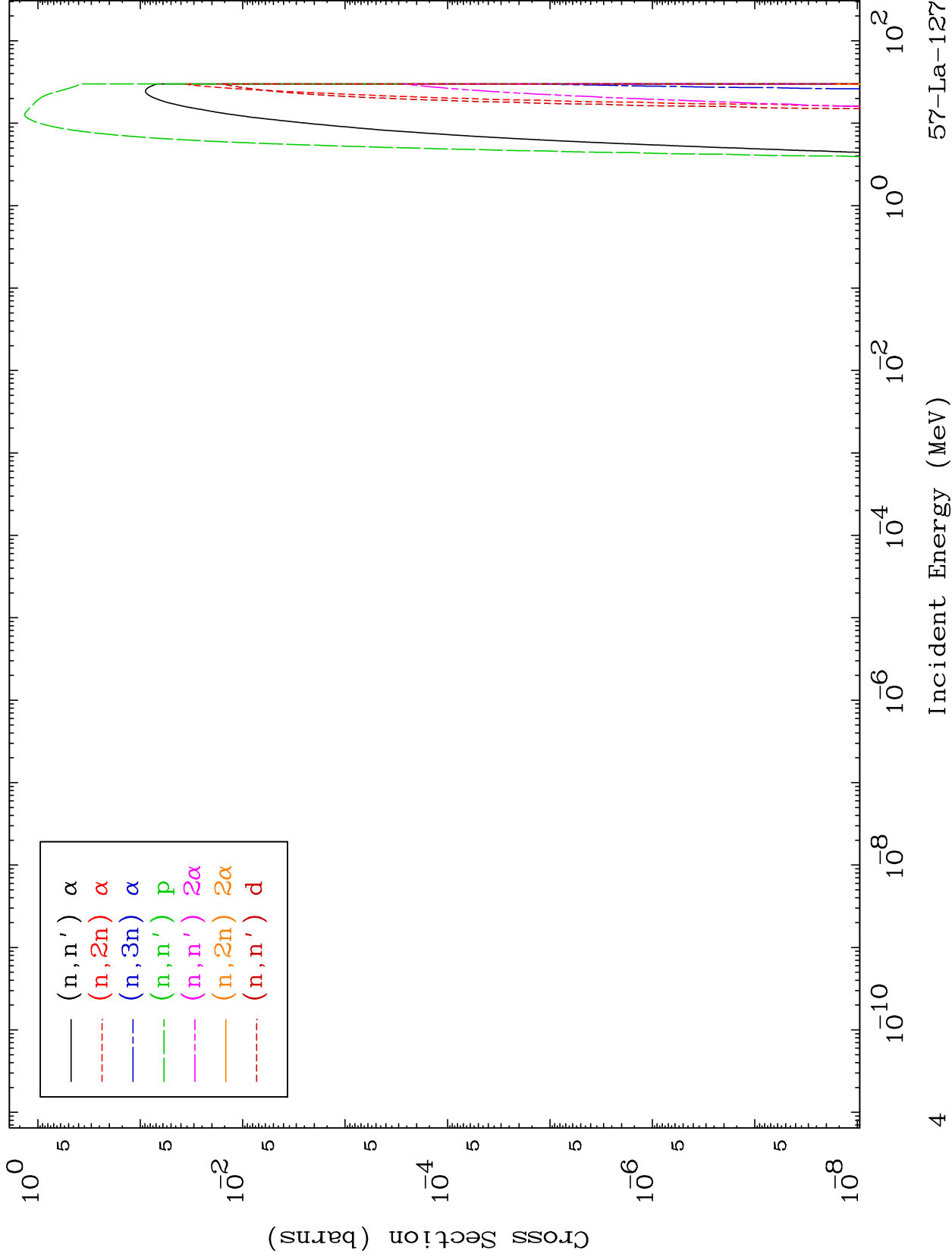
57-La-127



MAT 5693

Charged Particle
293 Kelvin Cross Sections

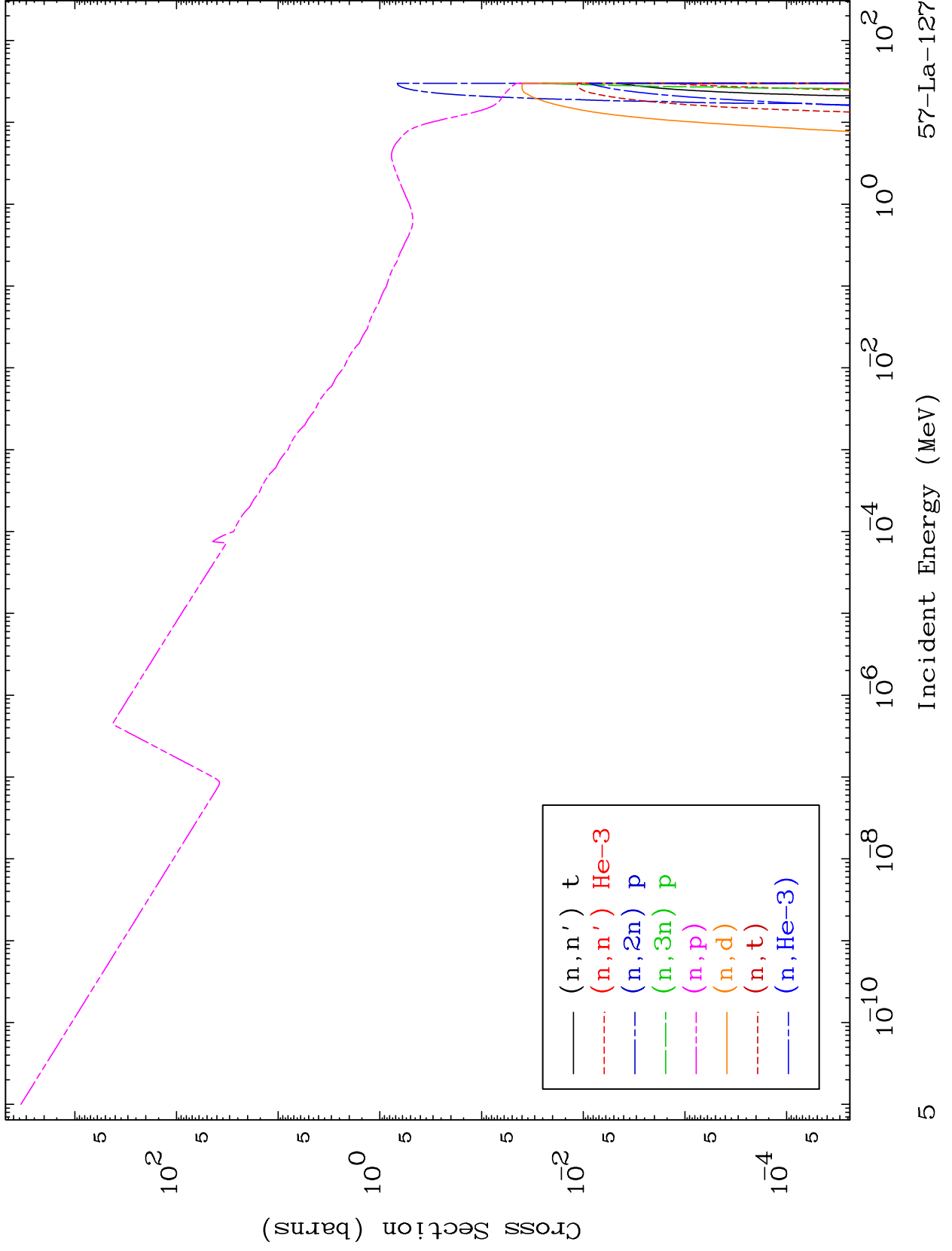
57-La-127



MAT 5693

Charged Particle
293 Kelvin Cross Sections

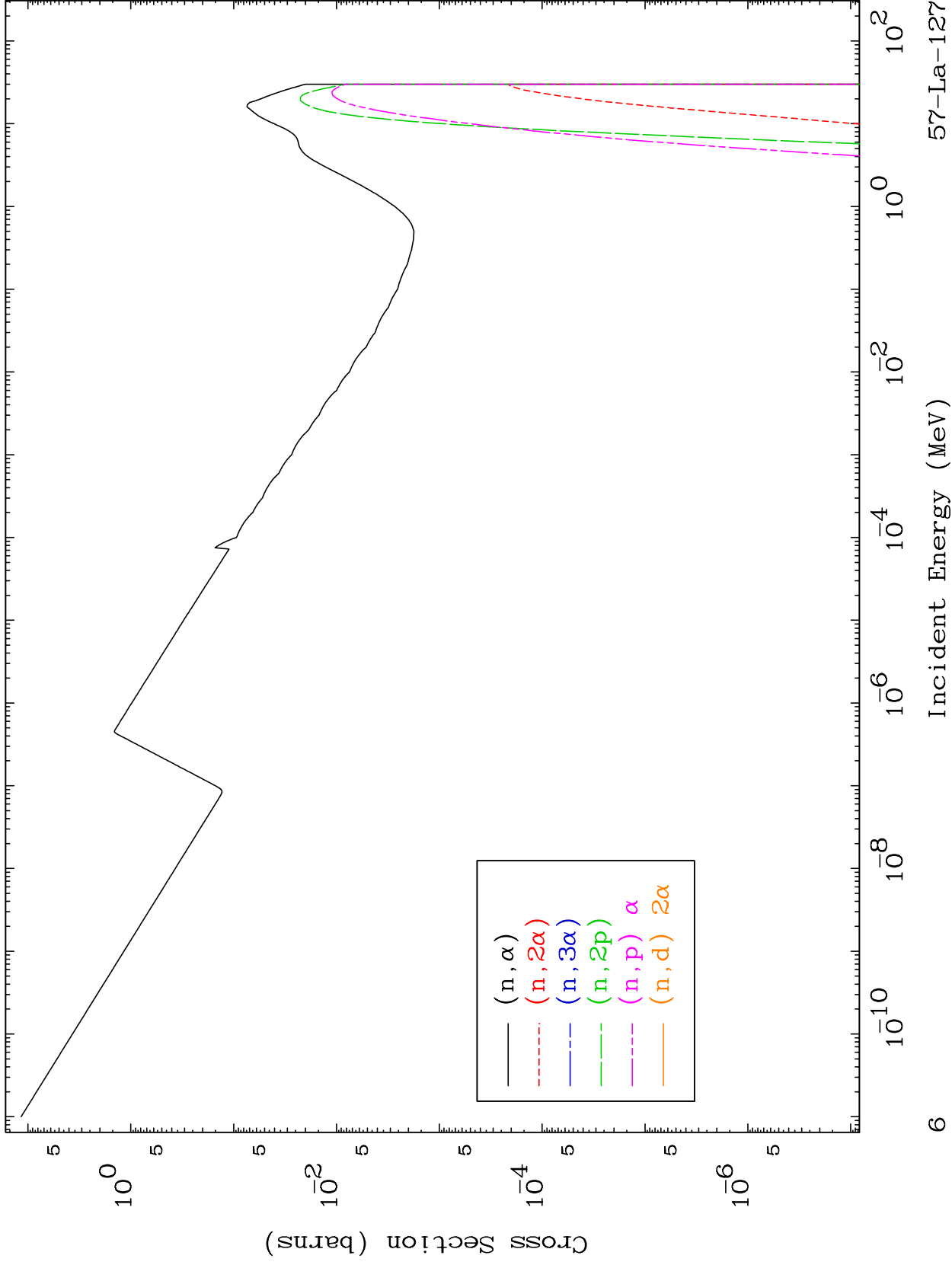
57-La-127



MAT 5693

Charged Particle
293 Kelvin Cross Sections

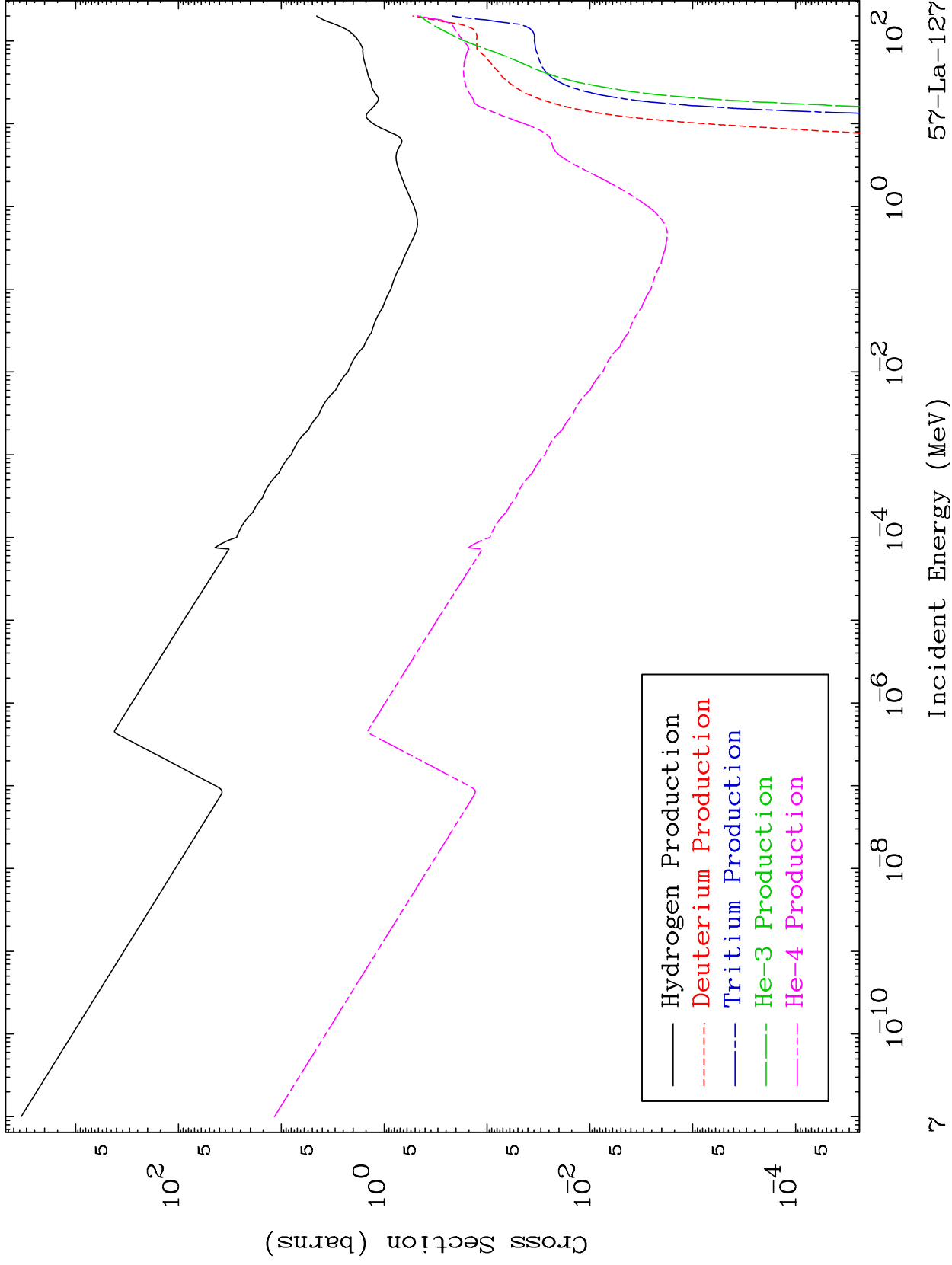
57-La-127



MAT 5693

Particle Production
293 Kelvin Cross Sections

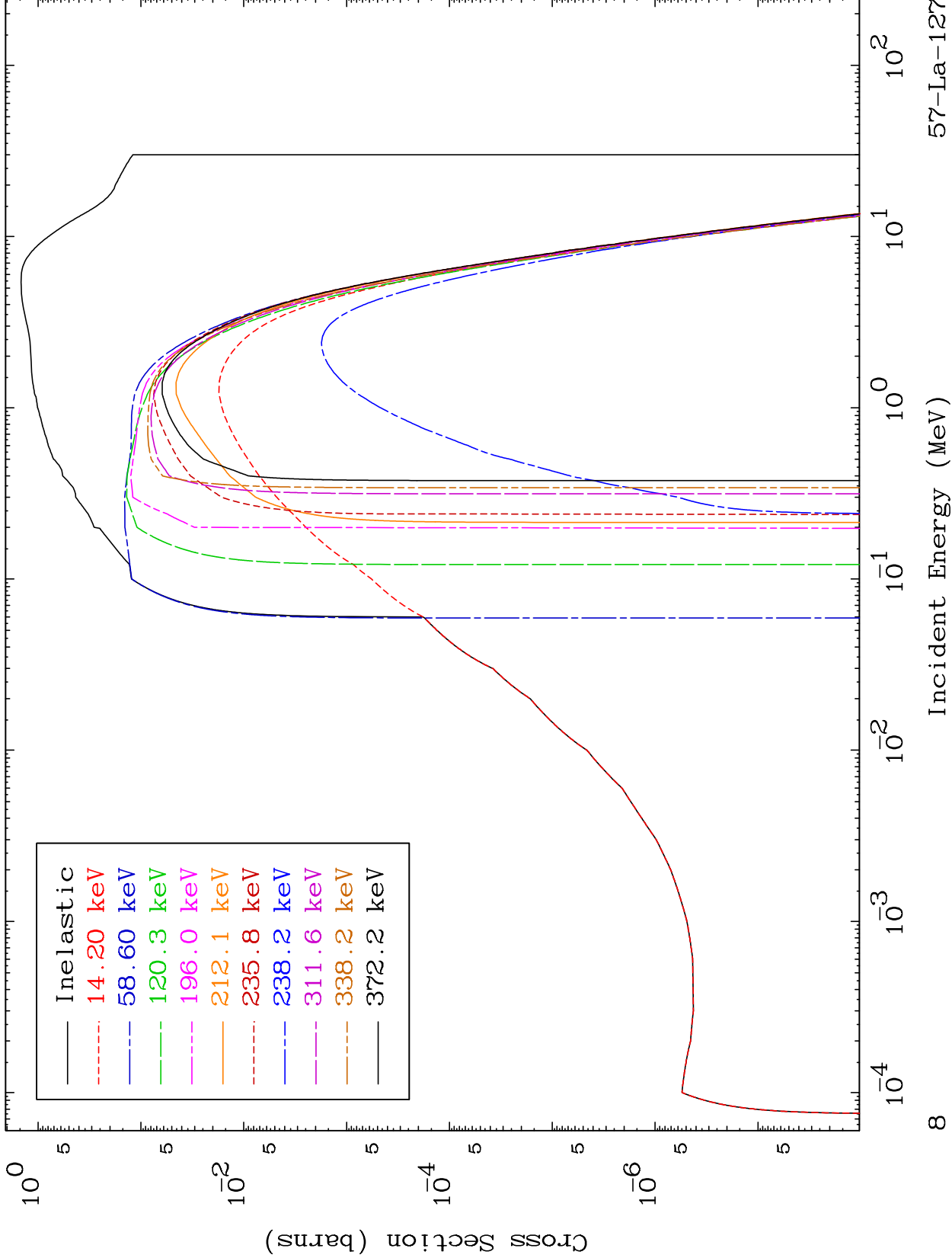
57-La-127



MAT 5693

293 Kelvin Cross Sections
(n,n') Level

57-La-127



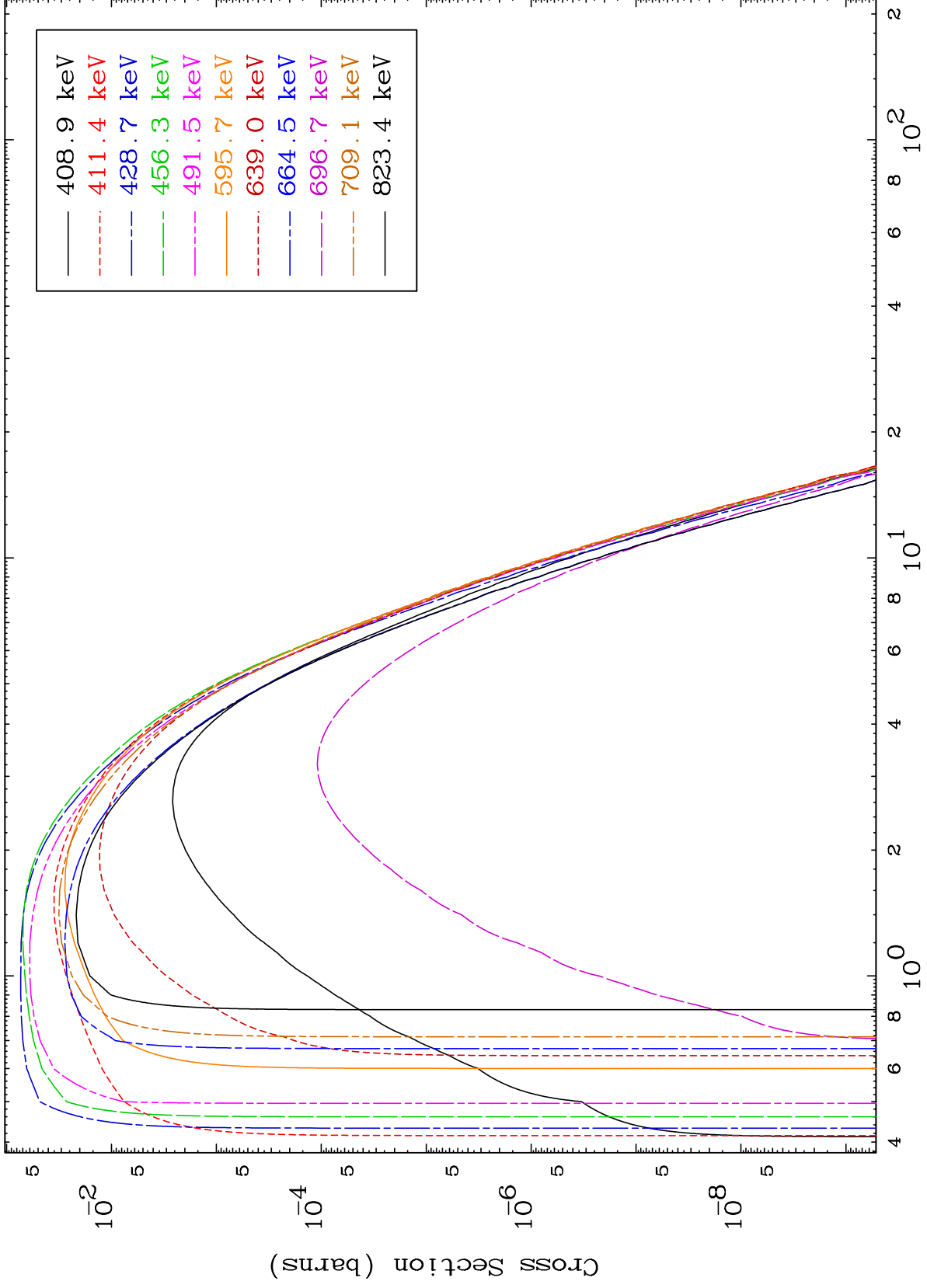
57-La-127

Incident Energy (MeV)

MAT 5693

(n,n') Level
293 Kelvin Cross Sections

57-La-127



9

Incident Energy (MeV)

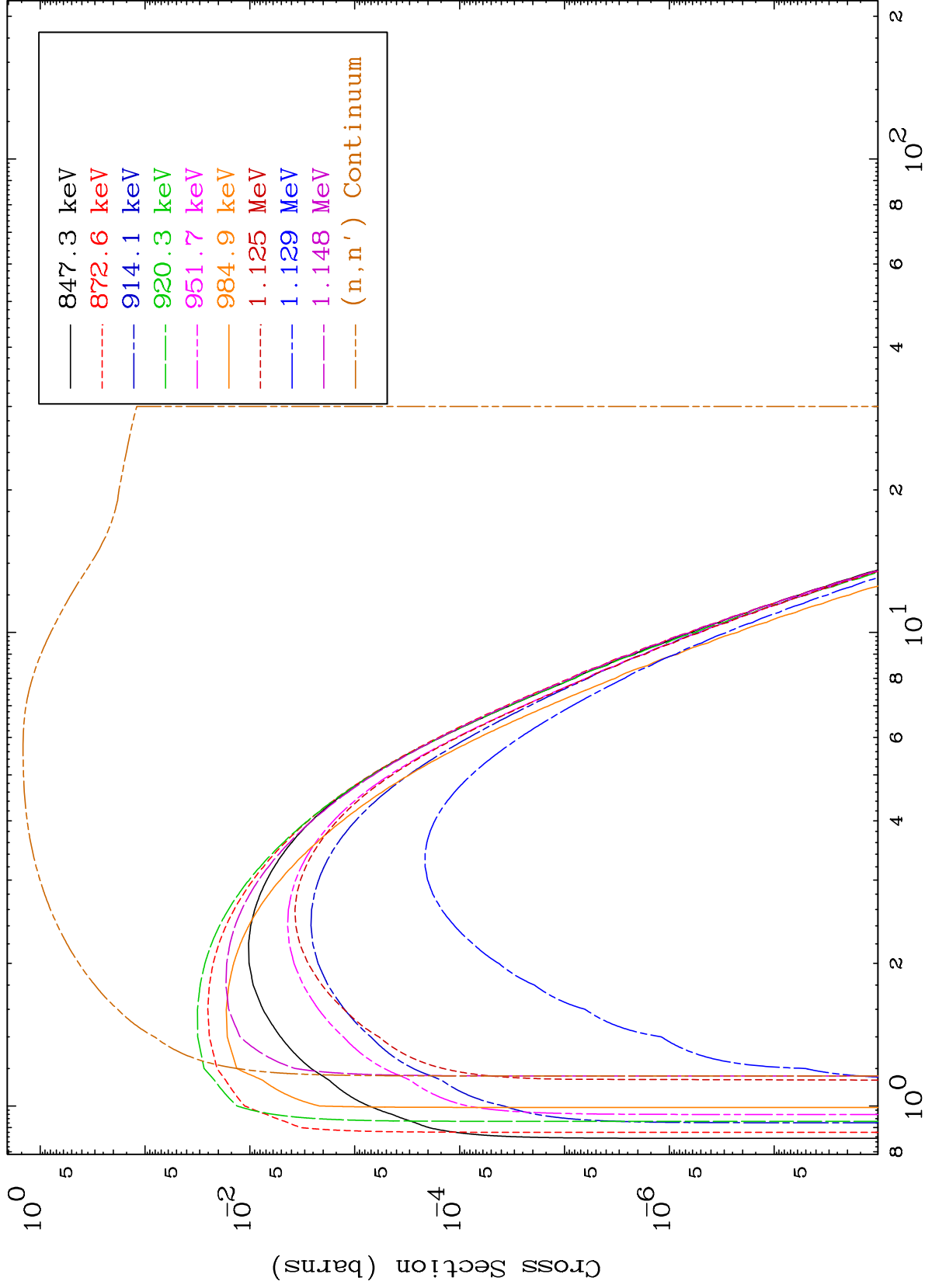
57-La-127

MAT 5693

(n,n') Level

57-La-127

293 Kelvin Cross Sections



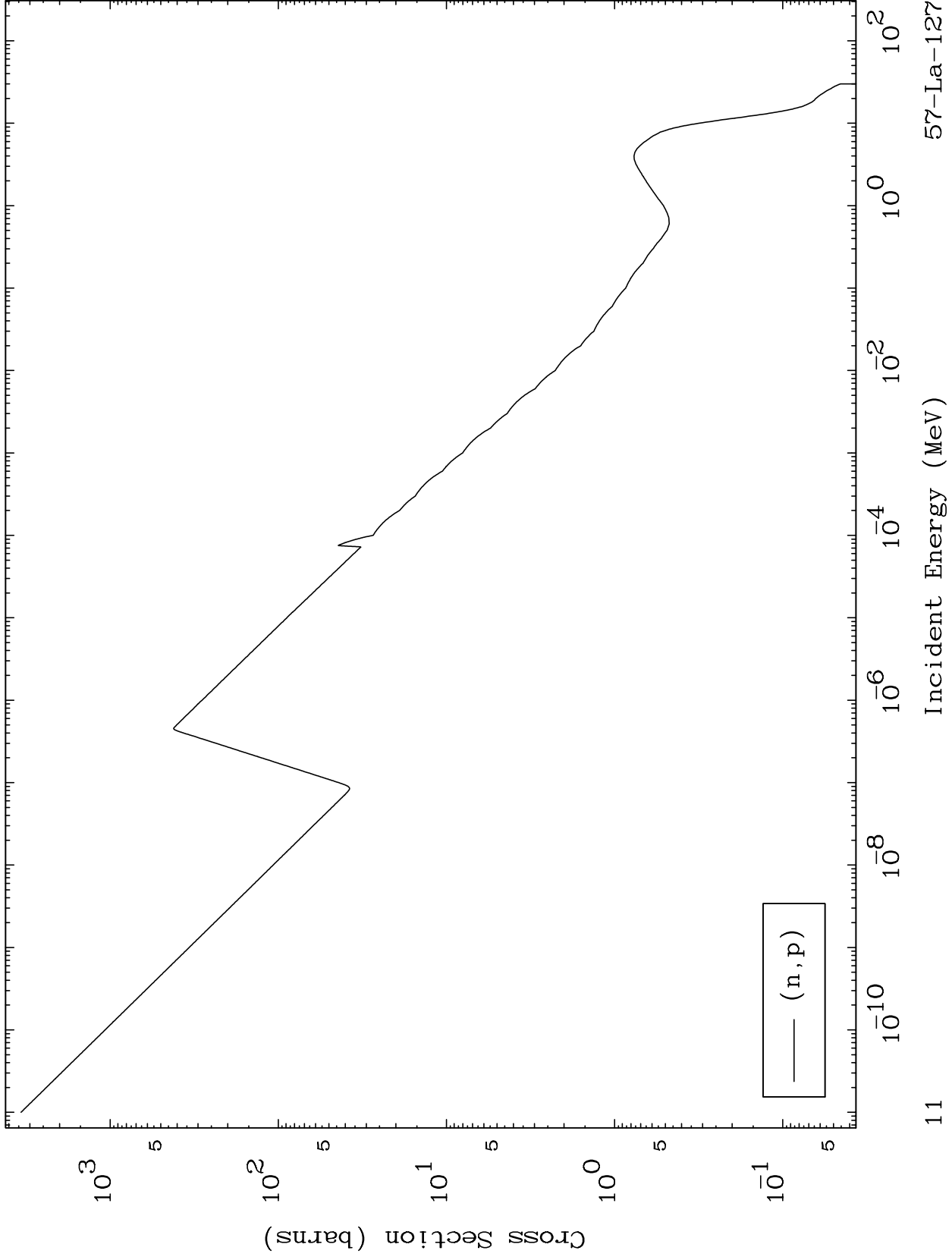
Incident Energy (MeV)

57-La-127

MAT 5693

(n,p) Levels
293 Kelvin Cross Sections

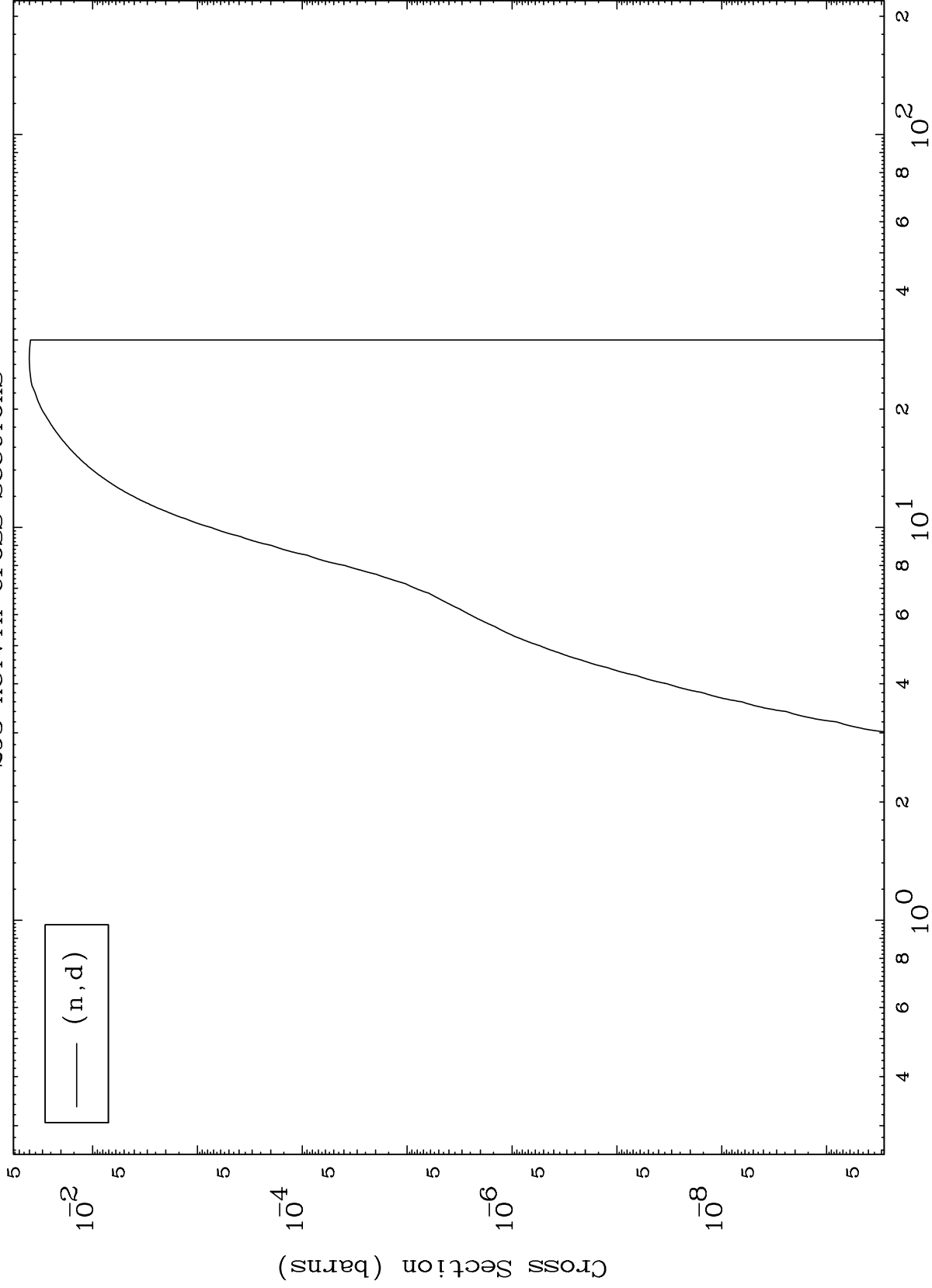
57-La-127



MAT 5693

(n,d) Levels
293 Kelvin Cross Sections

57-La-127



(n,d)

12

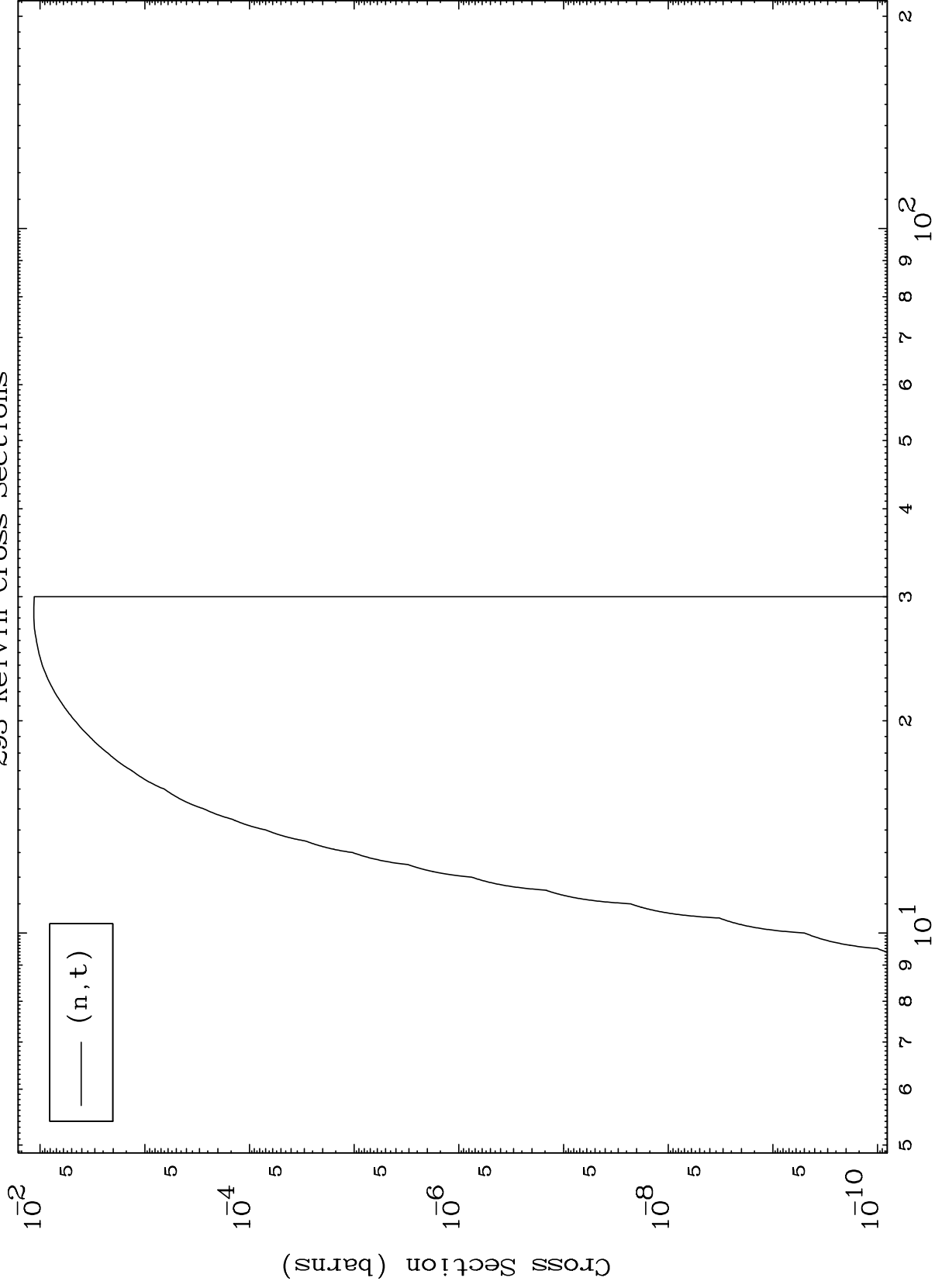
Incident Energy (MeV)

57-La-127

MAT 5693

(n,t) Levels
293 Kelvin Cross Sections

57-La-127



13

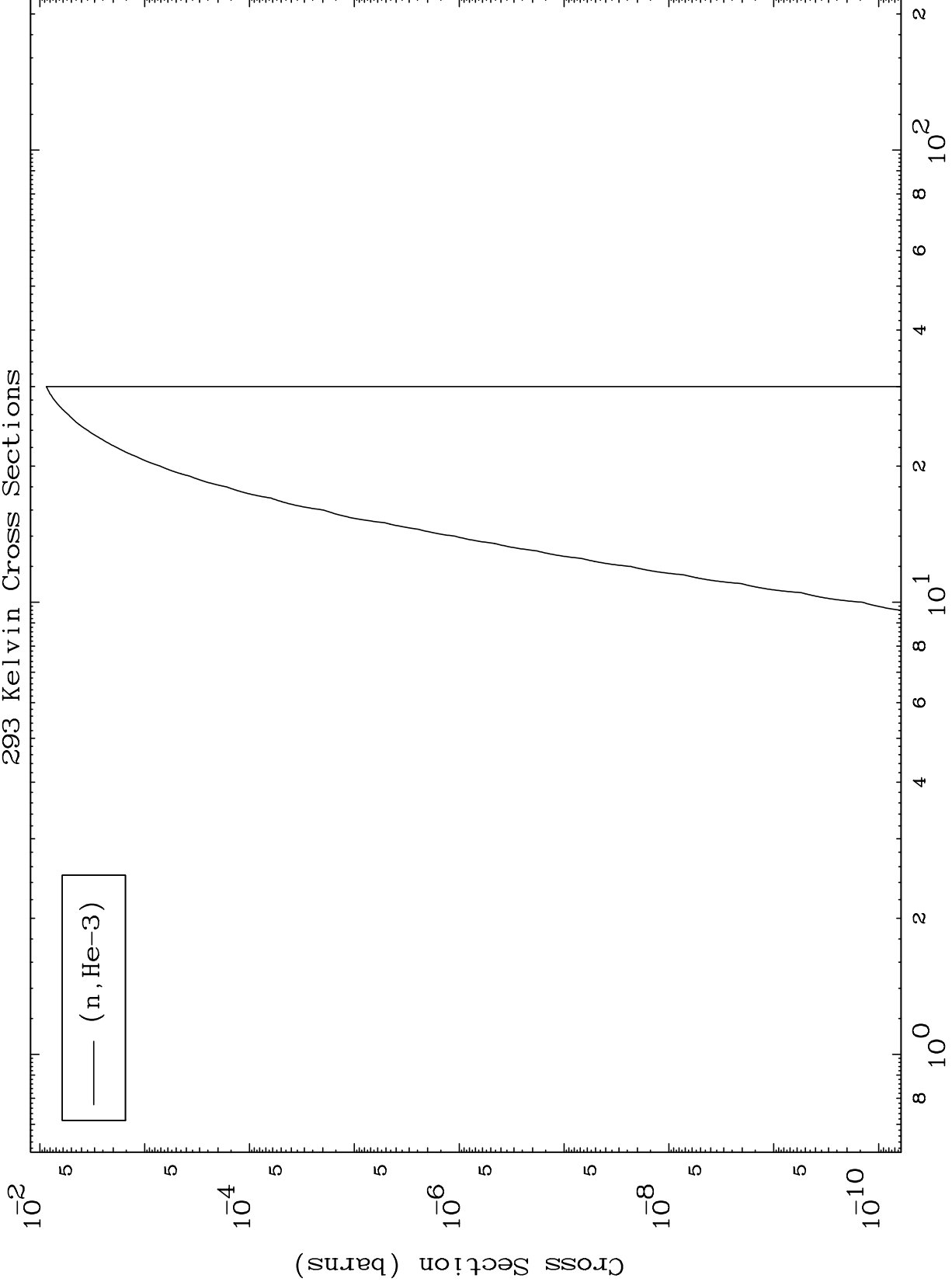
Incident Energy (MeV)

57-La-127

MAT 5693

(n,He3) Levels
293 Kelvin Cross Sections

57-La-127



14

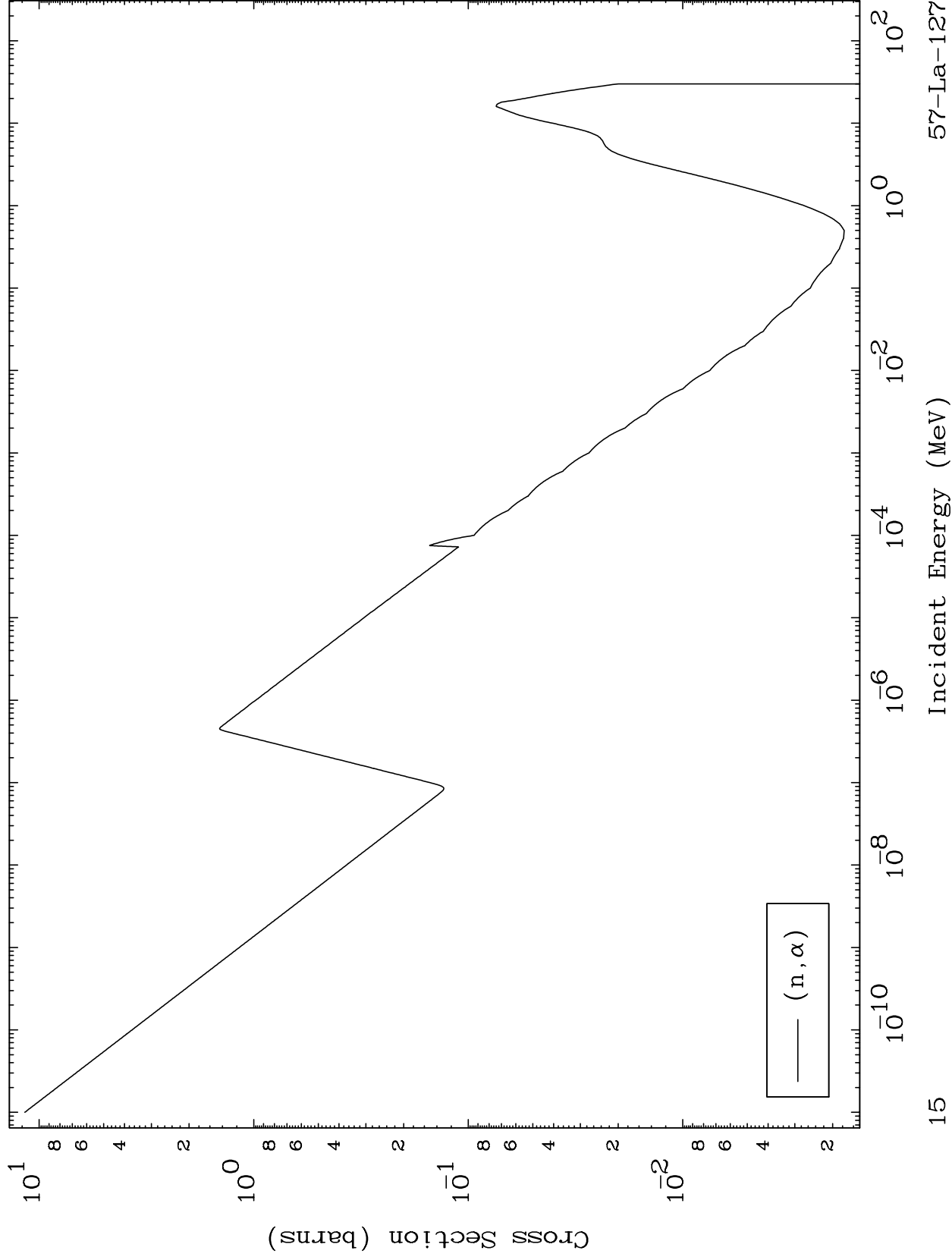
Incident Energy (MeV)

57-La-127

MAT 5693

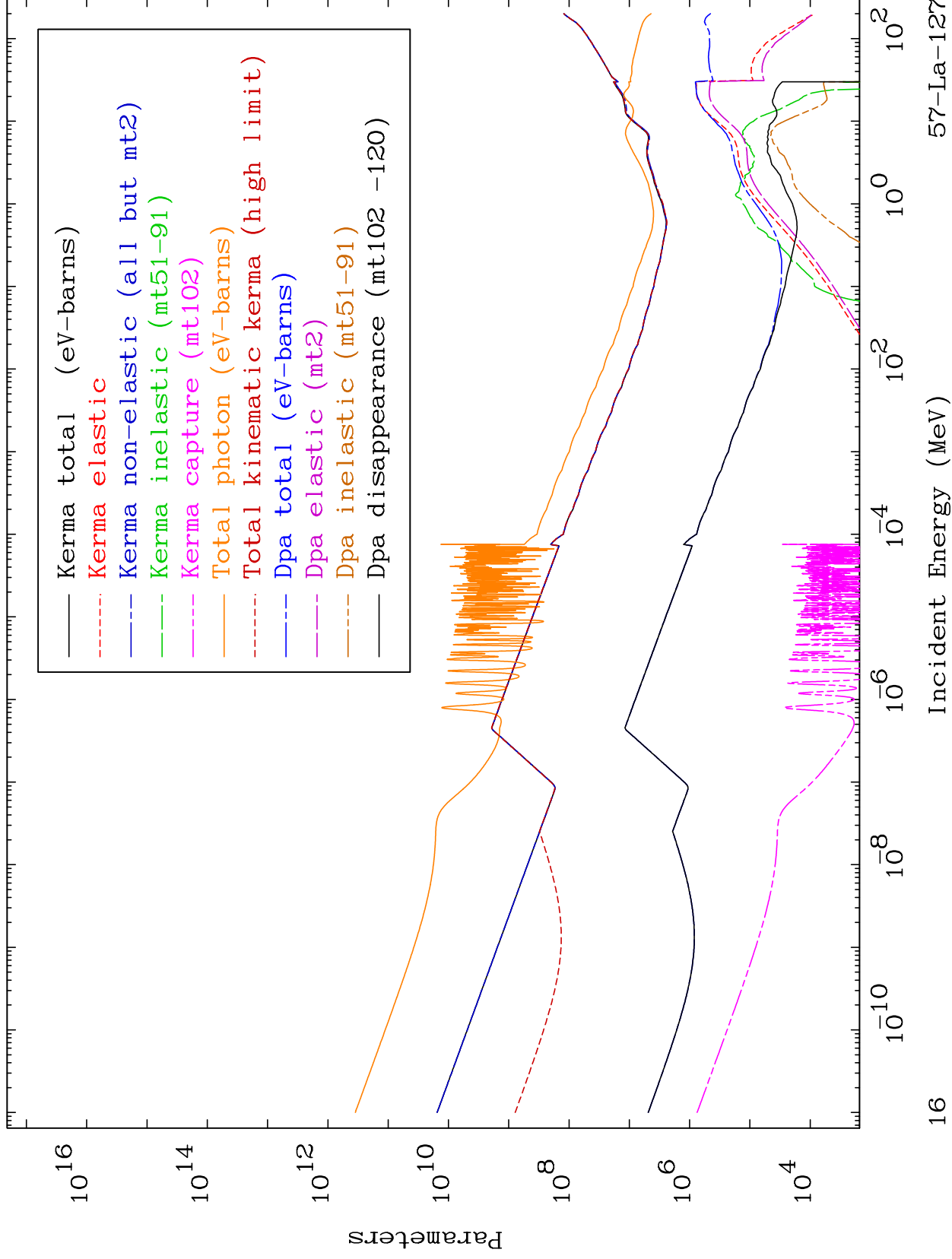
(n, α) Levels
293 Kelvin Cross Sections

57-La-127



15

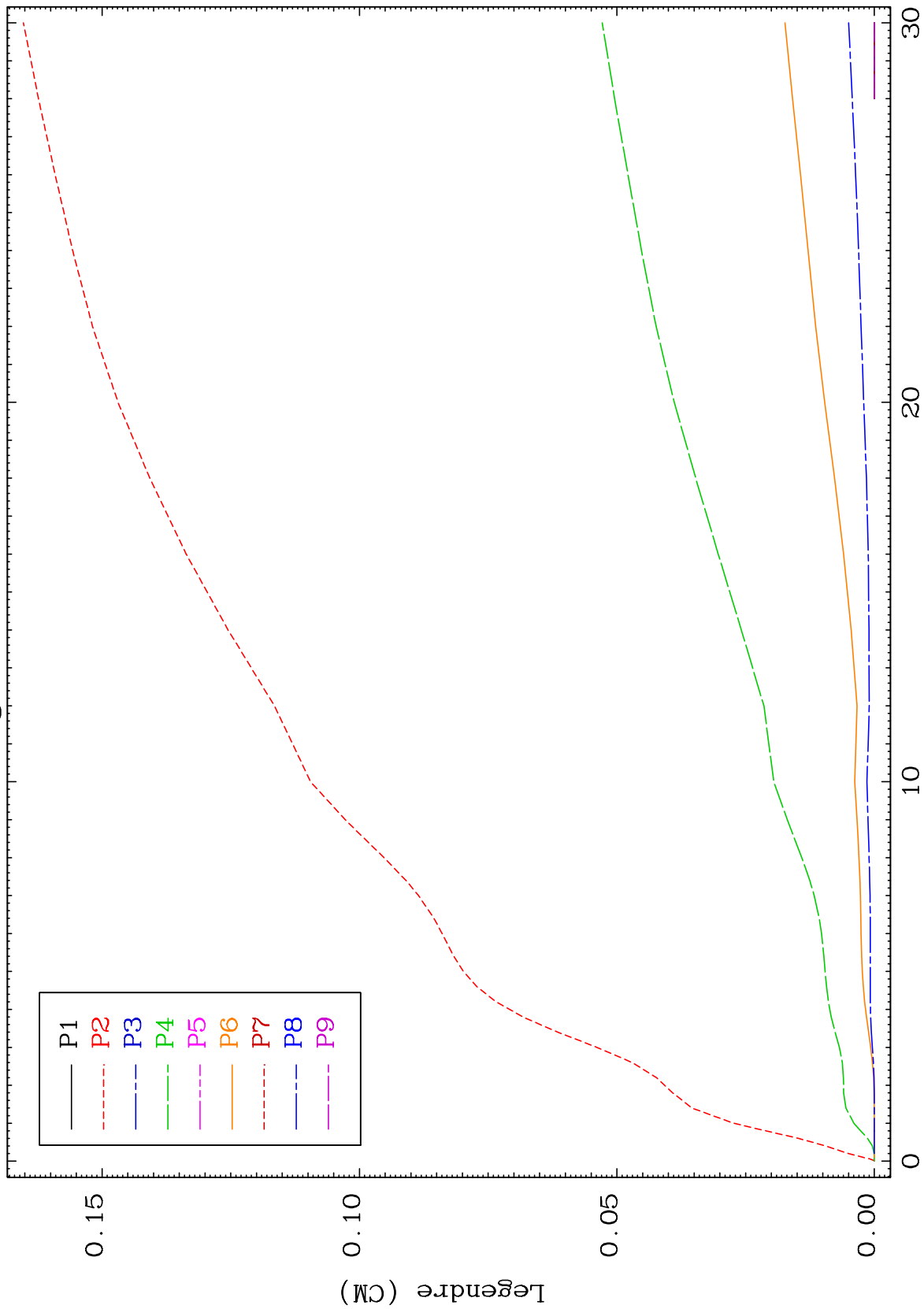
57-La-127



MAT 5693

Elastic Legendre Coefficients

57-La-127



17

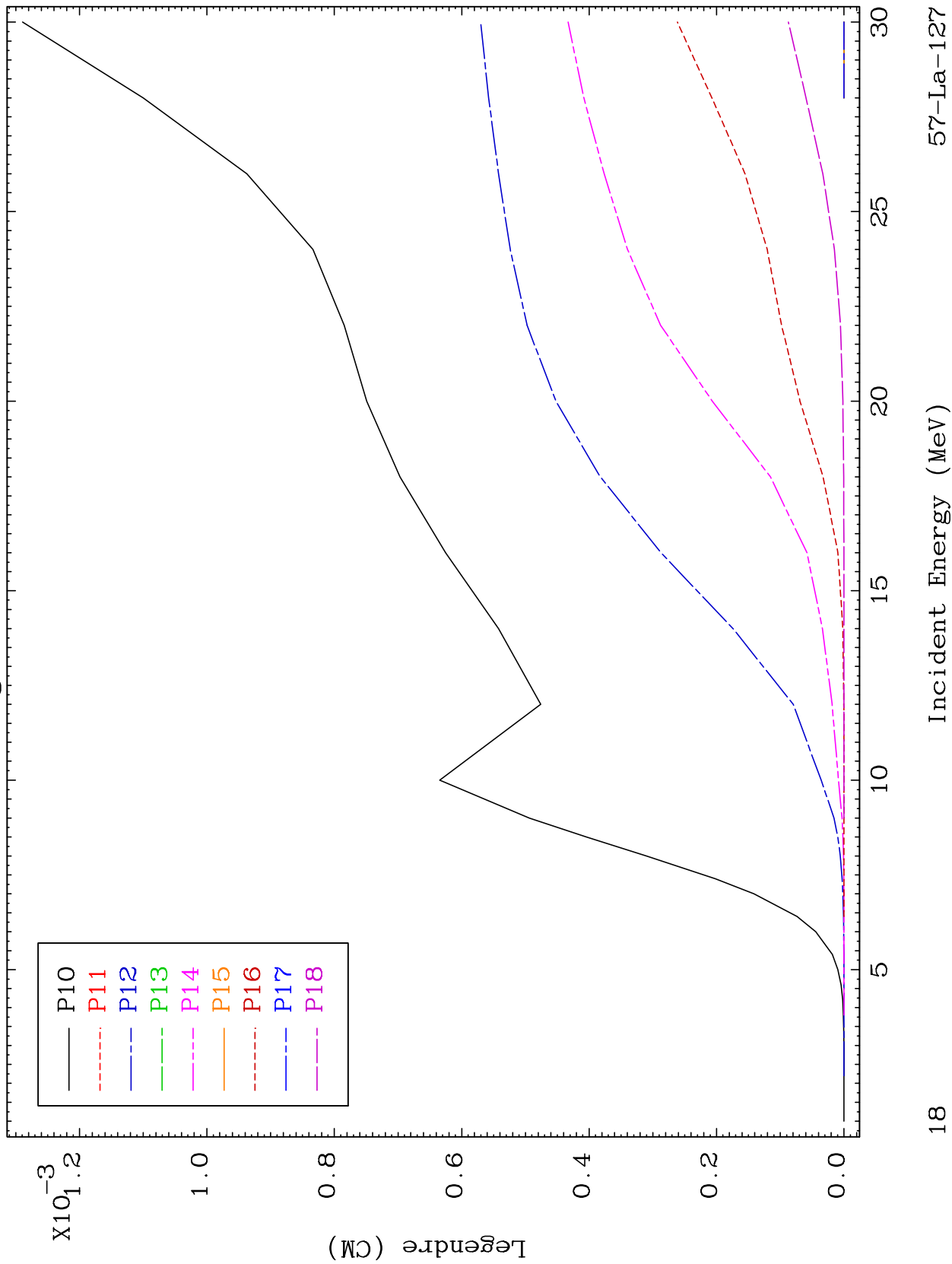
Incident Energy (MeV)

57-La-127

MAT 5693

Elastic Legendre Coefficients

57-La-127



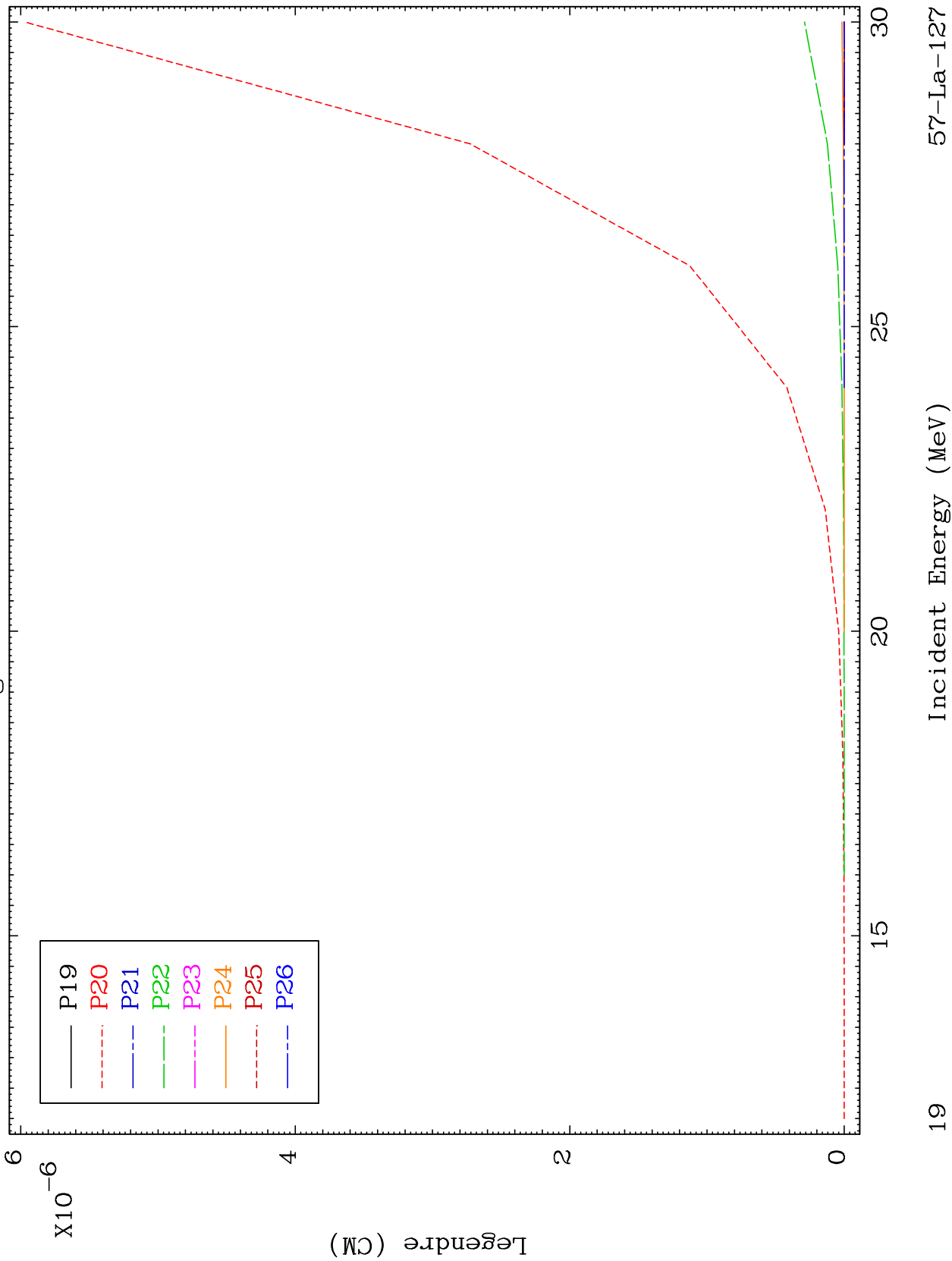
18

57-La-127

MAT 5693

Elastic Legendre Coefficients

57-La-127



19

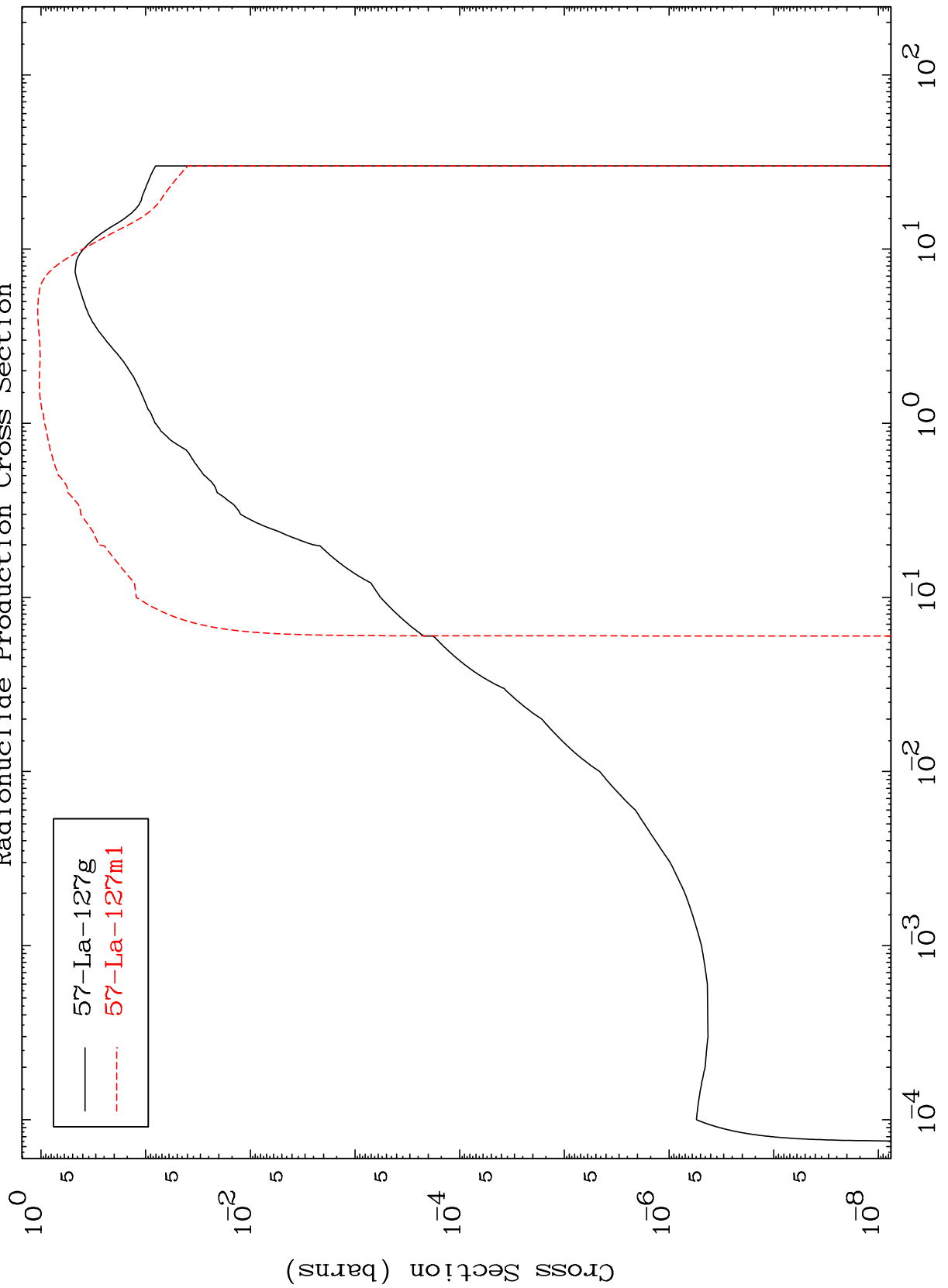
Incident Energy (MeV)

57-La-127

MAT 5693

57-La-127

Inelastic
Radionuclide Production Cross Section



57-La-127g
57-La-127m1

57-La-127

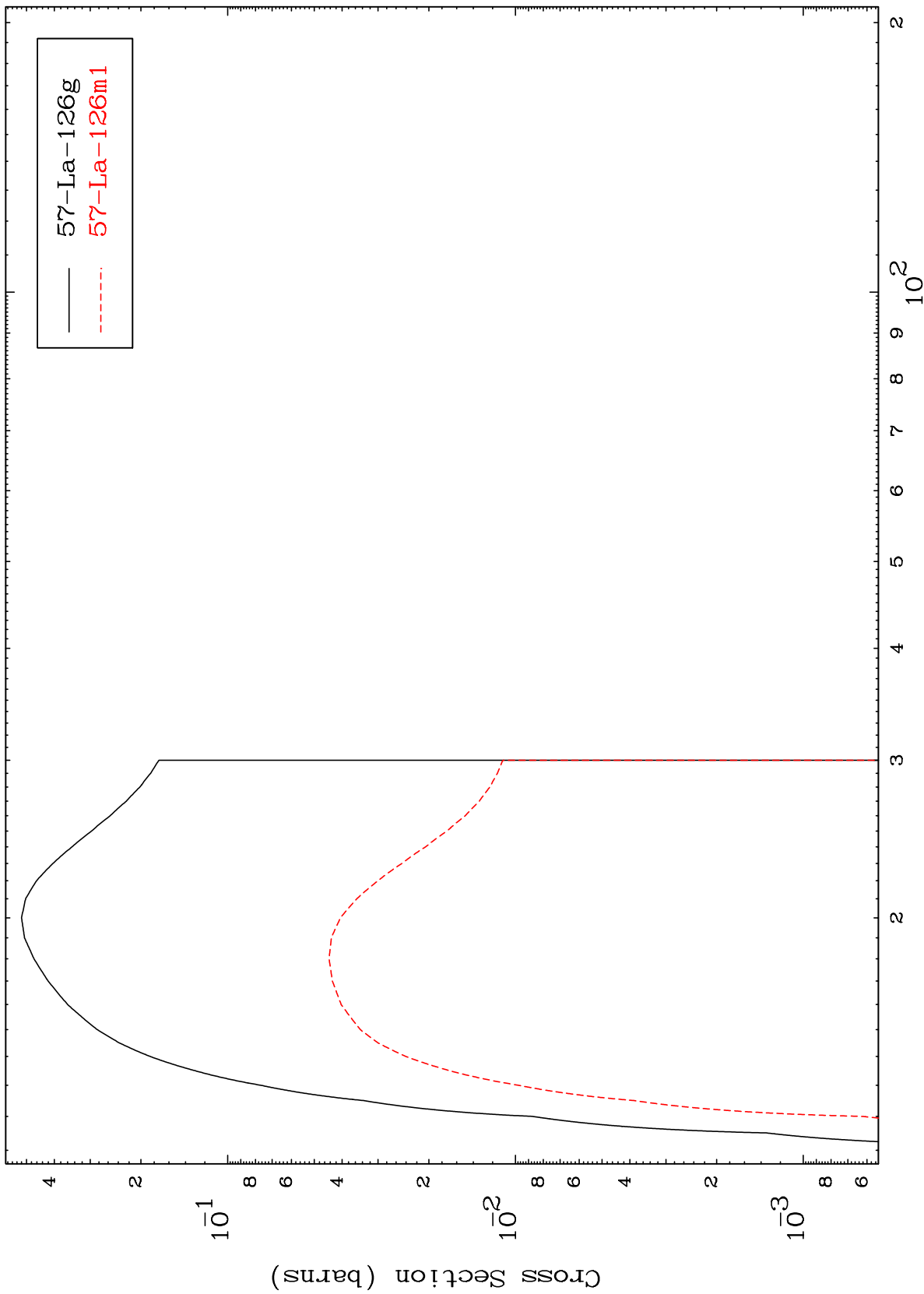
Incident Energy (MeV)

20

MAT 5693

57-La-127

(n,2n)
Radionuclide Production Cross Section



57-La-127

Incident Energy (MeV)

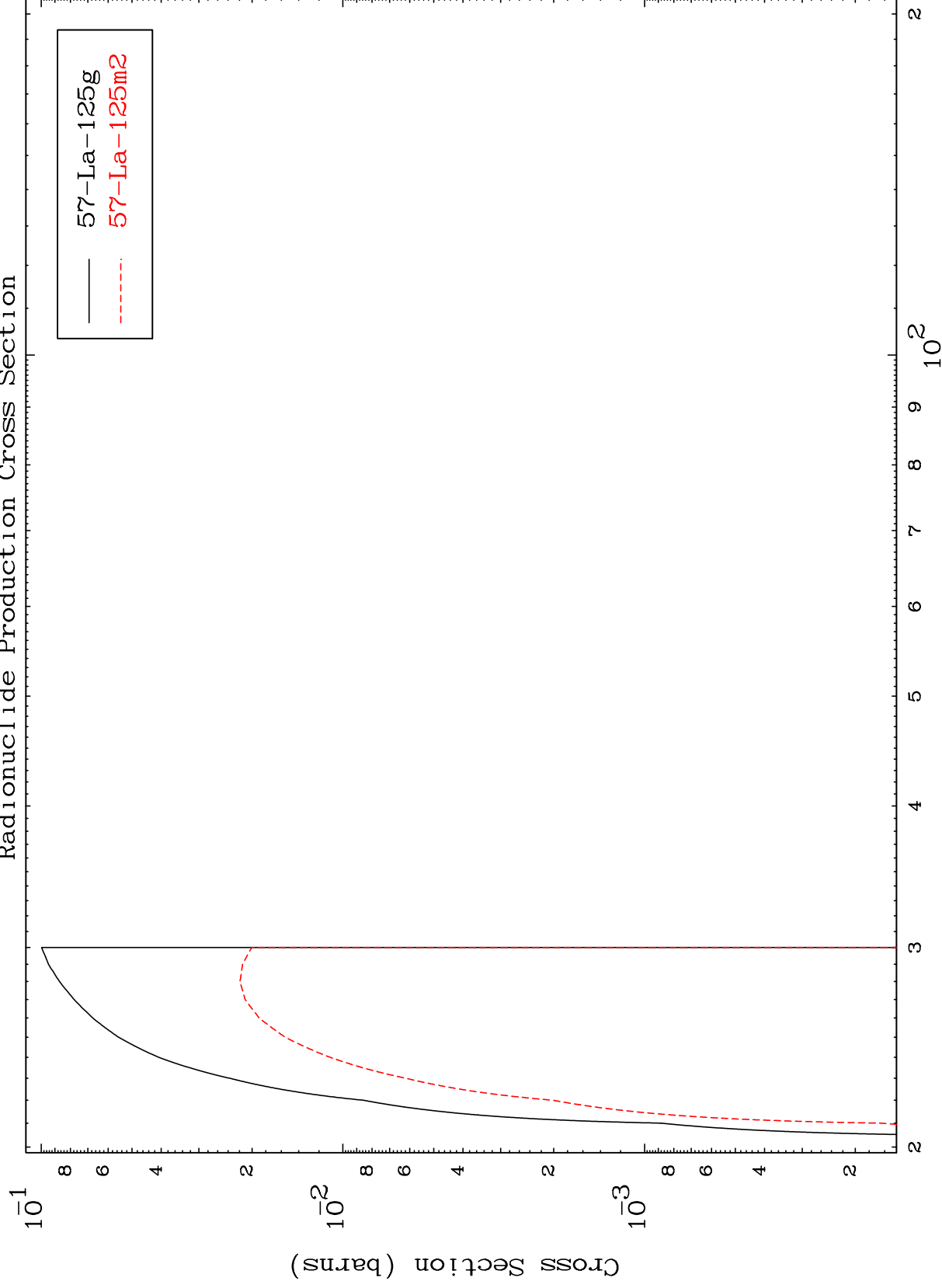
21

MAT 5693

(n,3n)

57-La-127

Radionuclide Production Cross Section



22

Incident Energy (MeV)

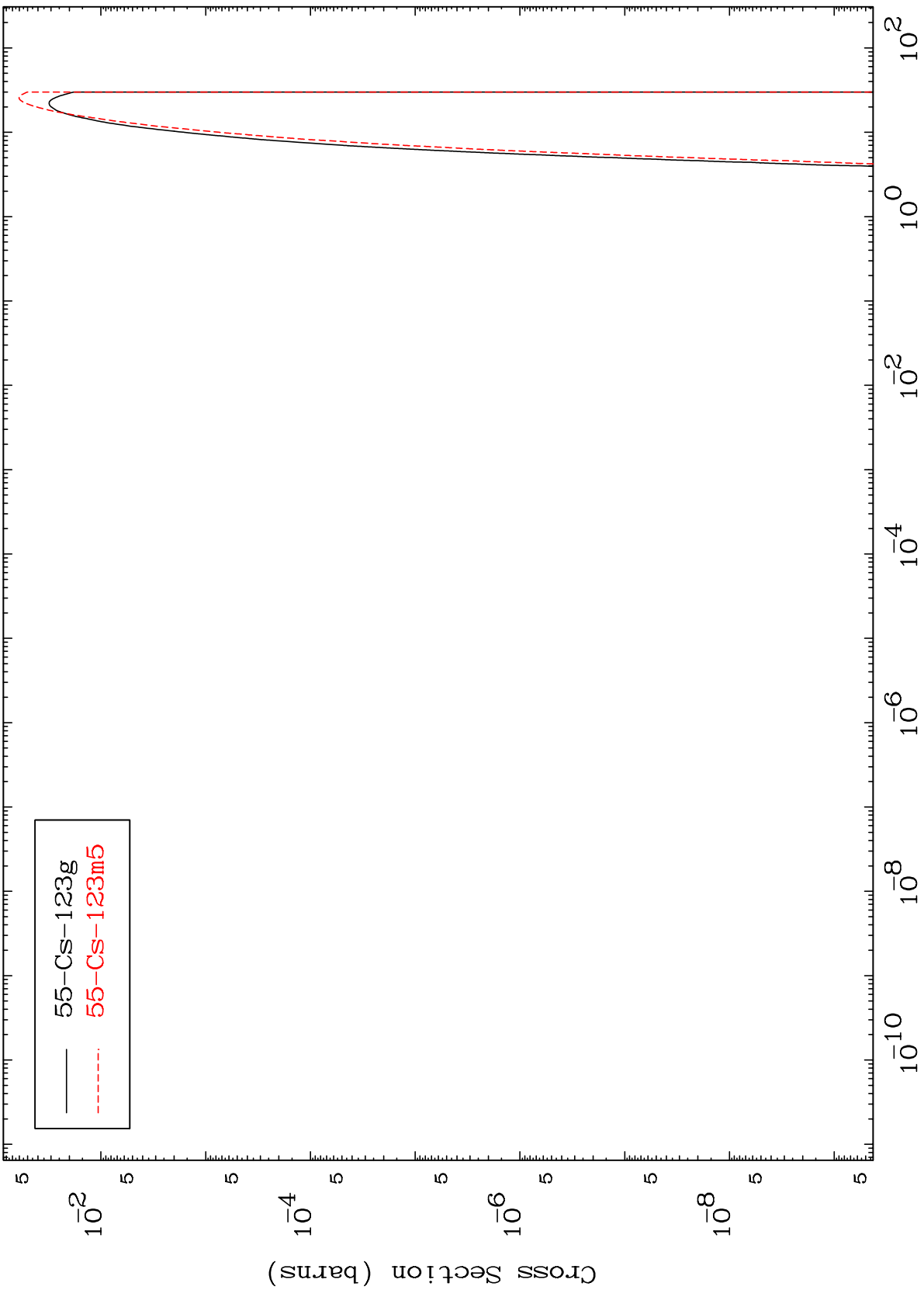
57-La-127

MAT 5693

(n,n') α

57-La-127

Radionuclide Production Cross Section

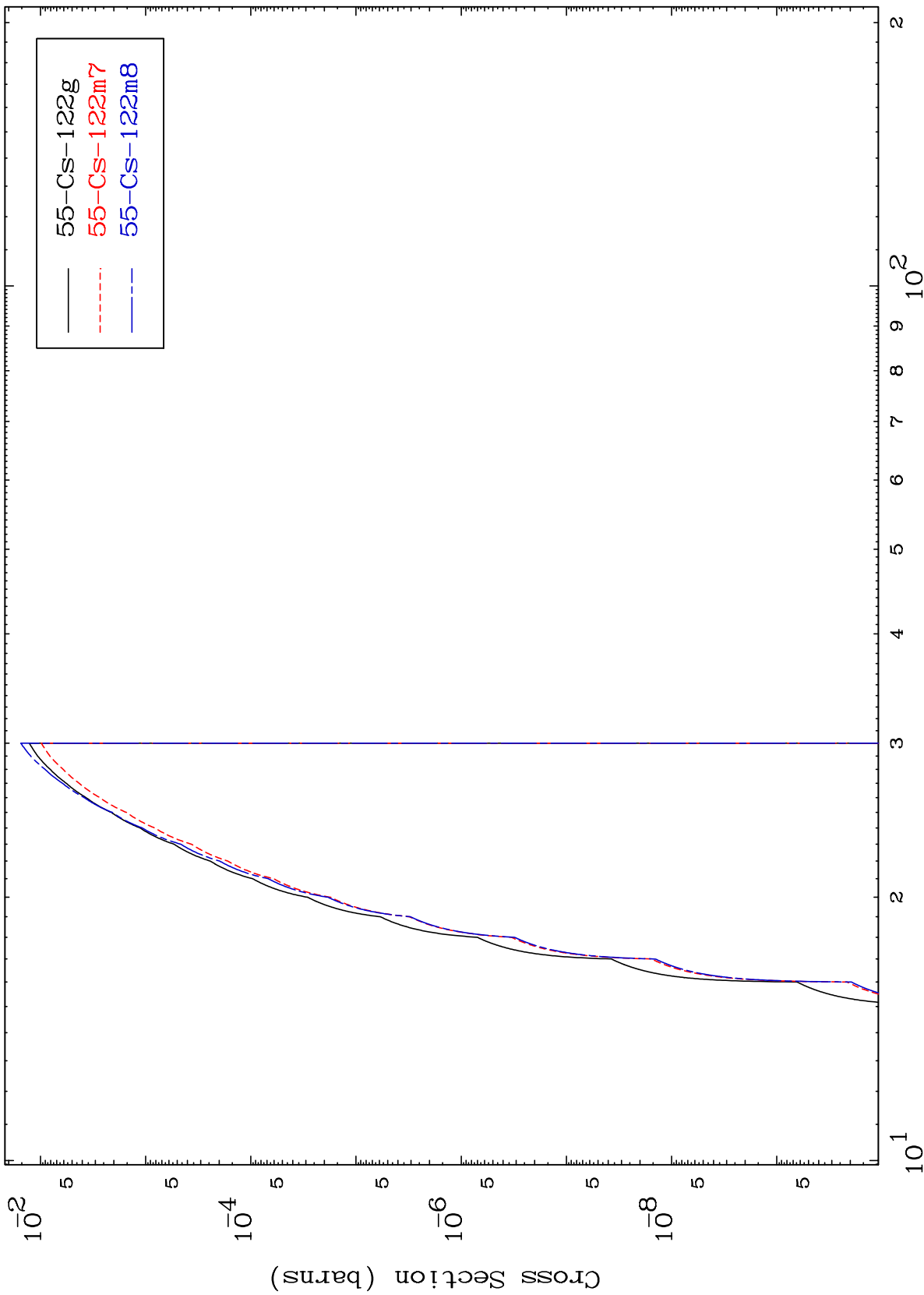


MAT 5693

(n,2n) α

57-La-127

Radionuclide Production Cross Section



24

Incident Energy (MeV)

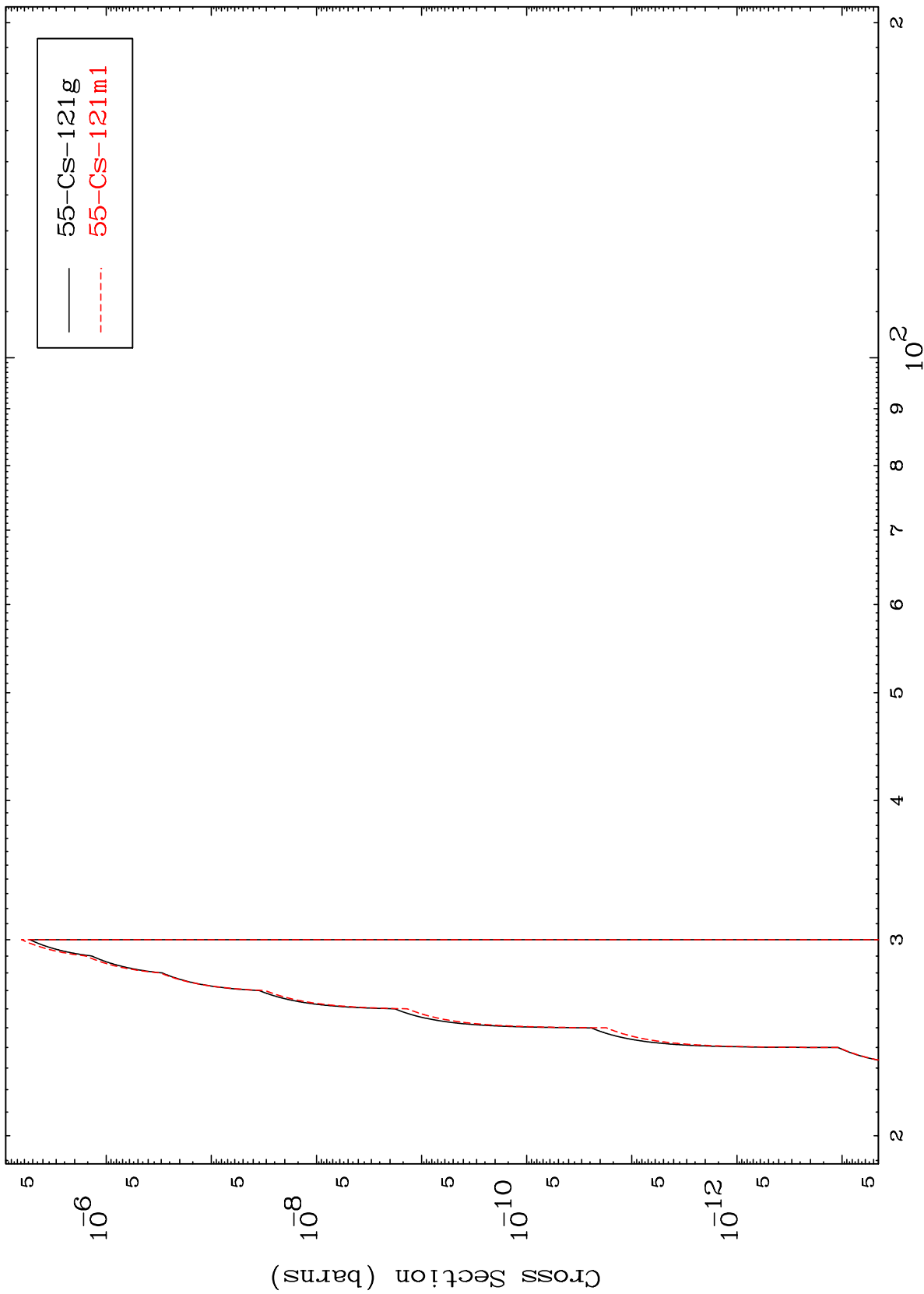
57-La-127

MAT 5693

(n,3n) α

57-La-127

Radionuclide Production Cross Section



25

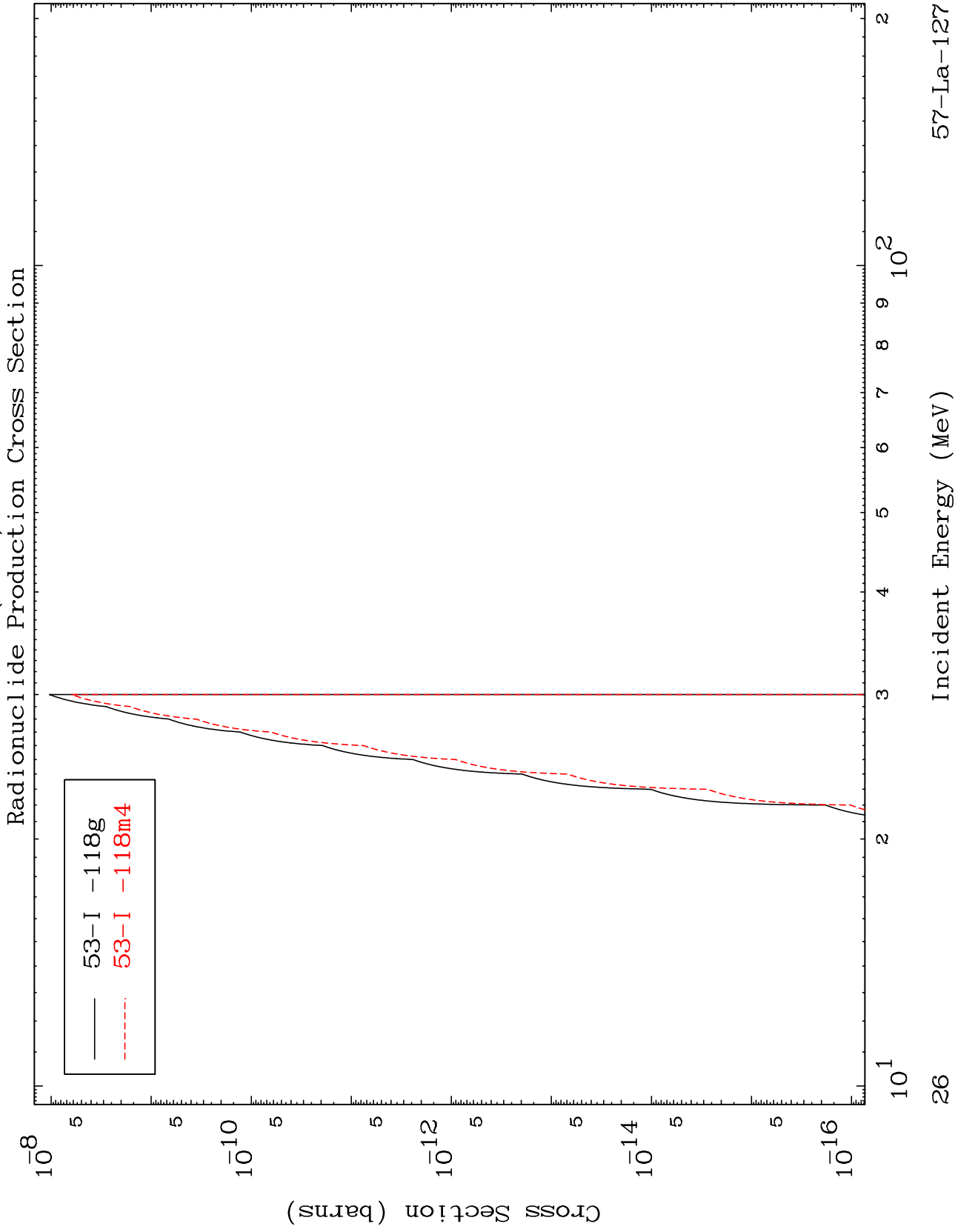
Incident Energy (MeV)

57-La-127

MAT 5693

(n,2n) 2α

57-La-127



26

Incident Energy (MeV)

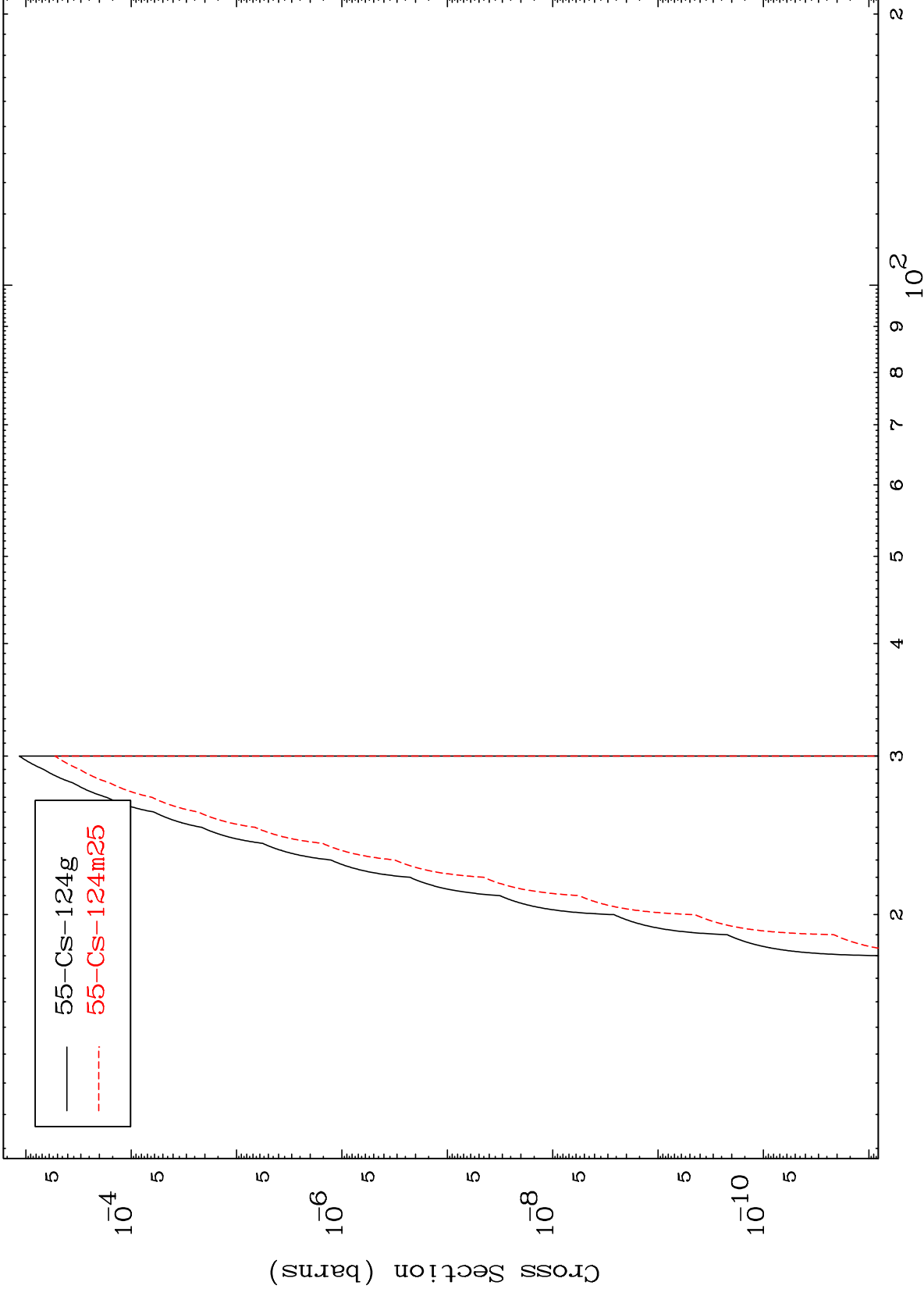
57-La-127

MAT 5693

(n,n') He-3

57-La-127

Radionuclide Production Cross Section



27

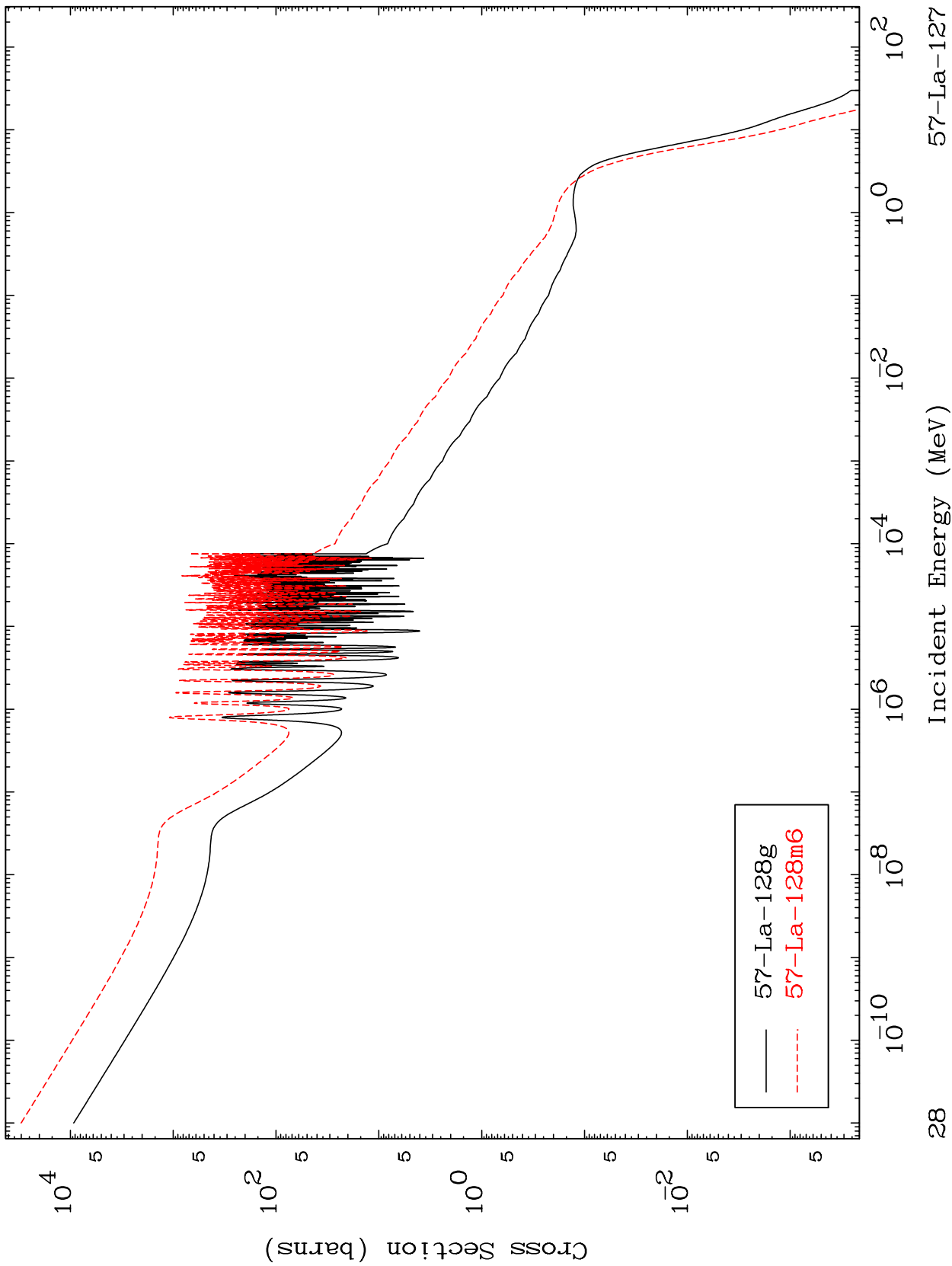
Incident Energy (MeV)

57-La-127

MAT 5693

57-La-127

(n, γ)
Radionuclide Production Cross Section

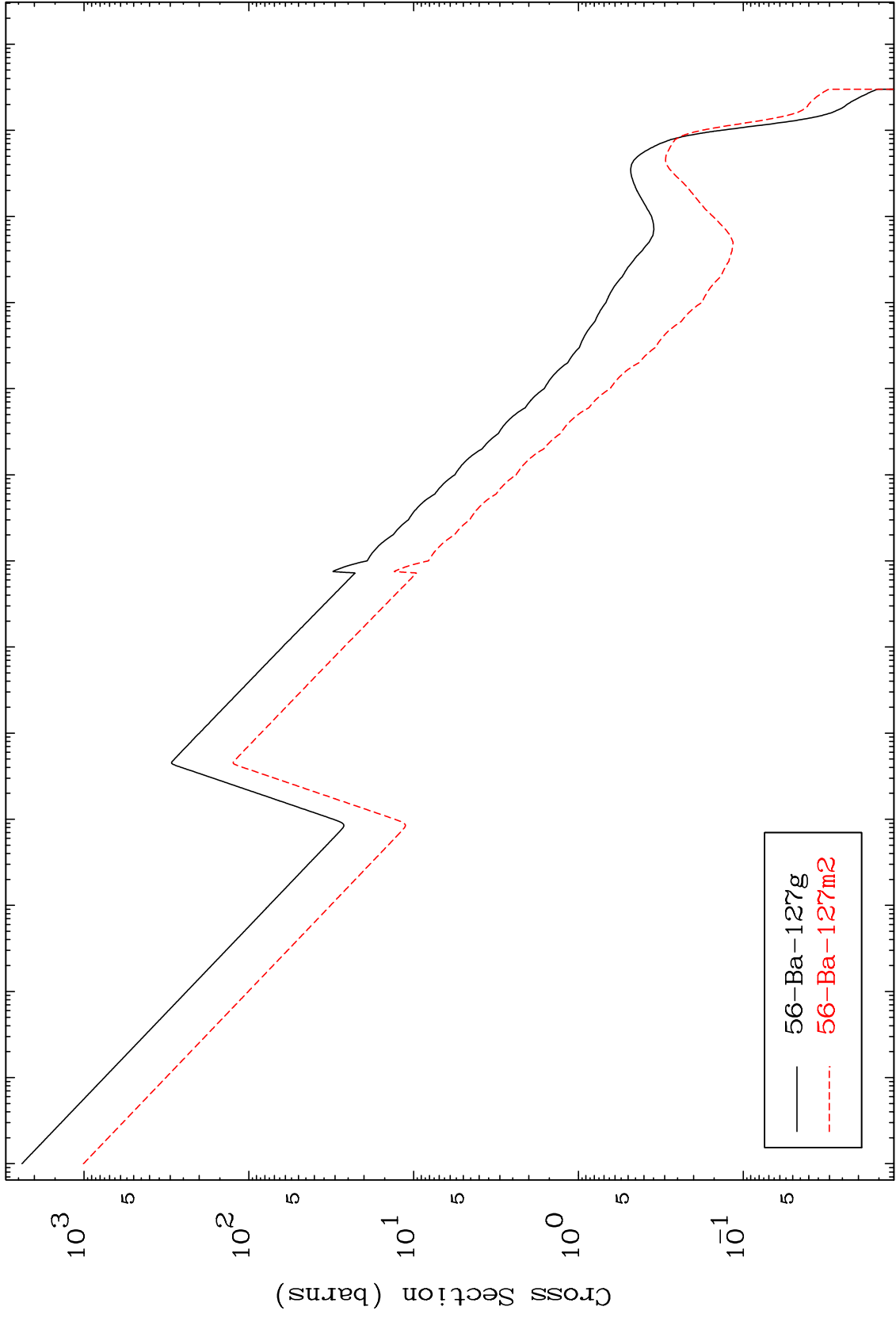


MAT 5693

57-La-127

Radionuclide Production Cross Section

(n,p)



29

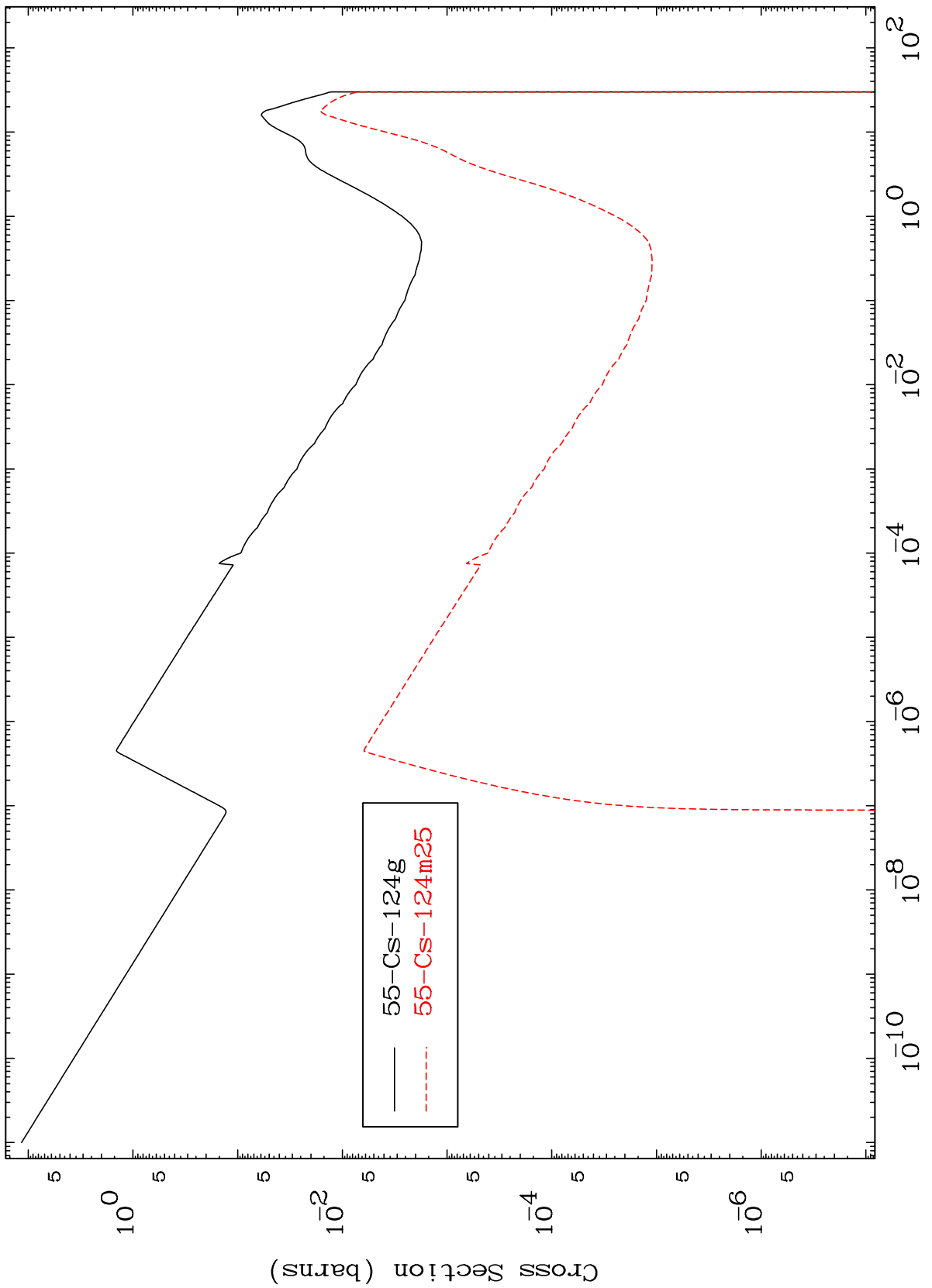
Incident Energy (MeV)

57-La-127

MAT 5693

57-La-127

Radionuclide Production Cross Section



57-La-127

Incident Energy (MeV)

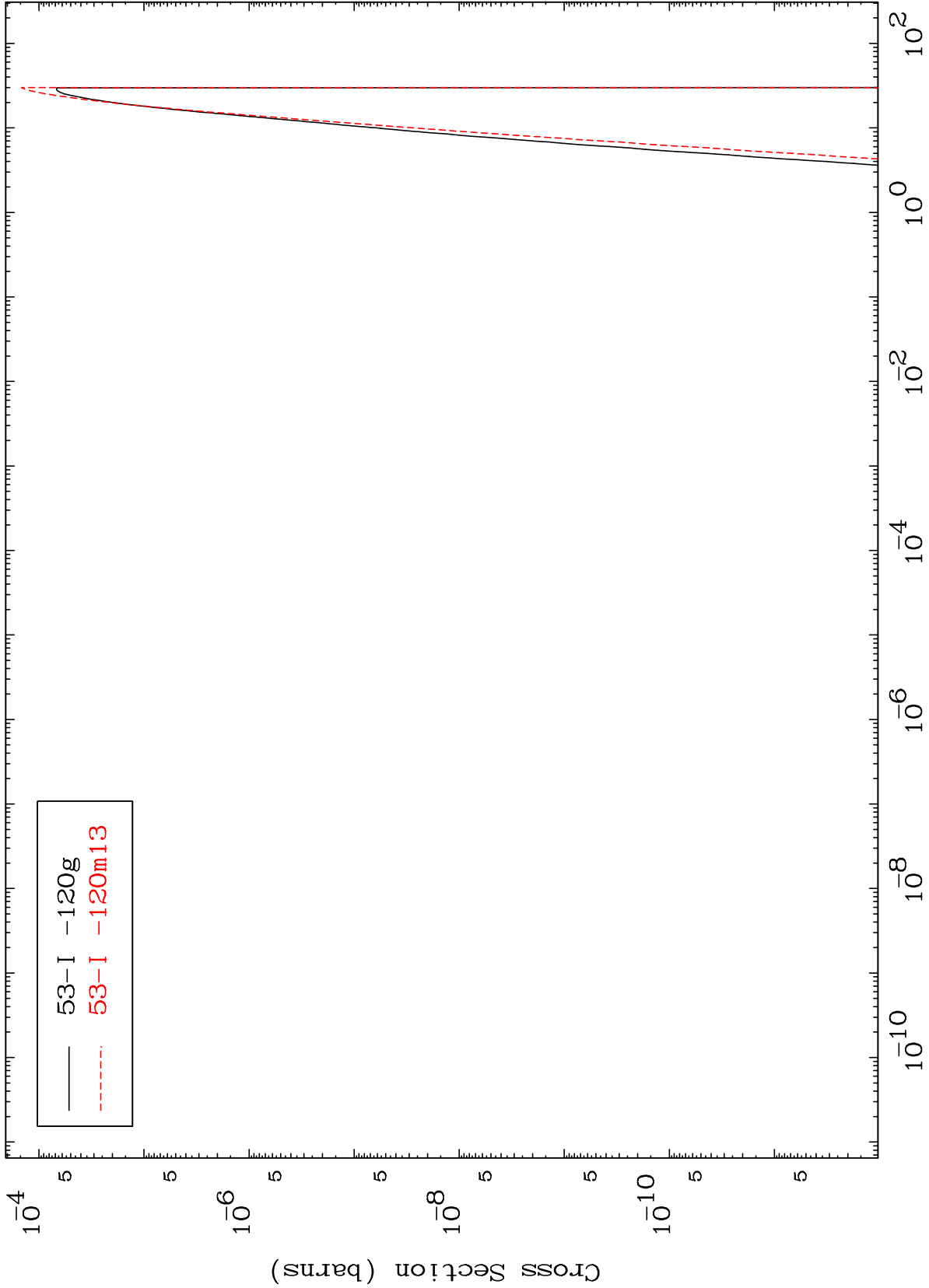
30

MAT 5693

(n,2α)

57-La-127

Radionuclide Production Cross Section

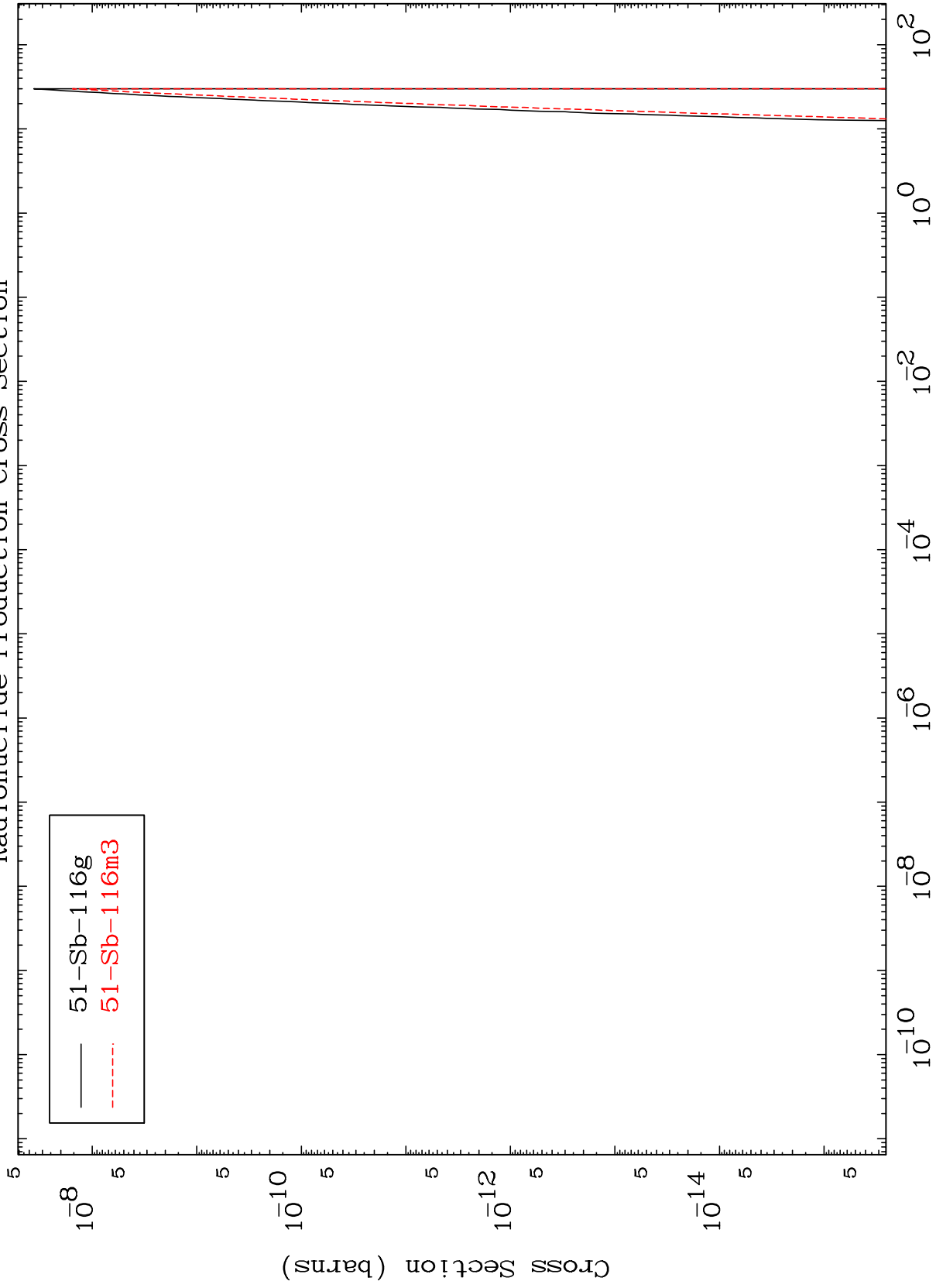


MAT 5693

(n, 3α)

57-La-127

Radionuclide Production Cross Section



32

Incident Energy (MeV)

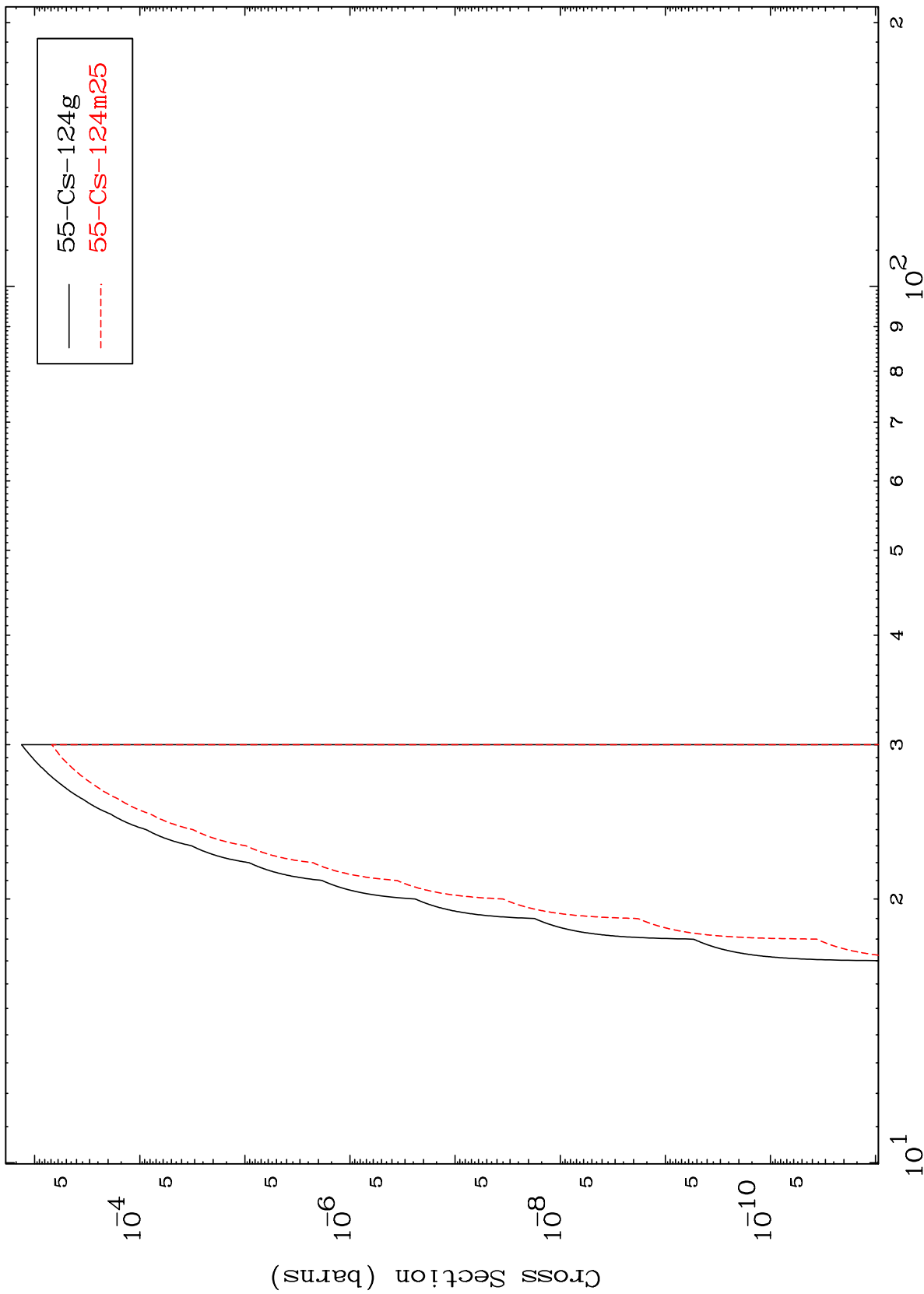
57-La-127

MAT 5693

(n,p) t

57-La-127

Radionuclide Production Cross Section



Incident Energy (MeV)

57-La-127

33