

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

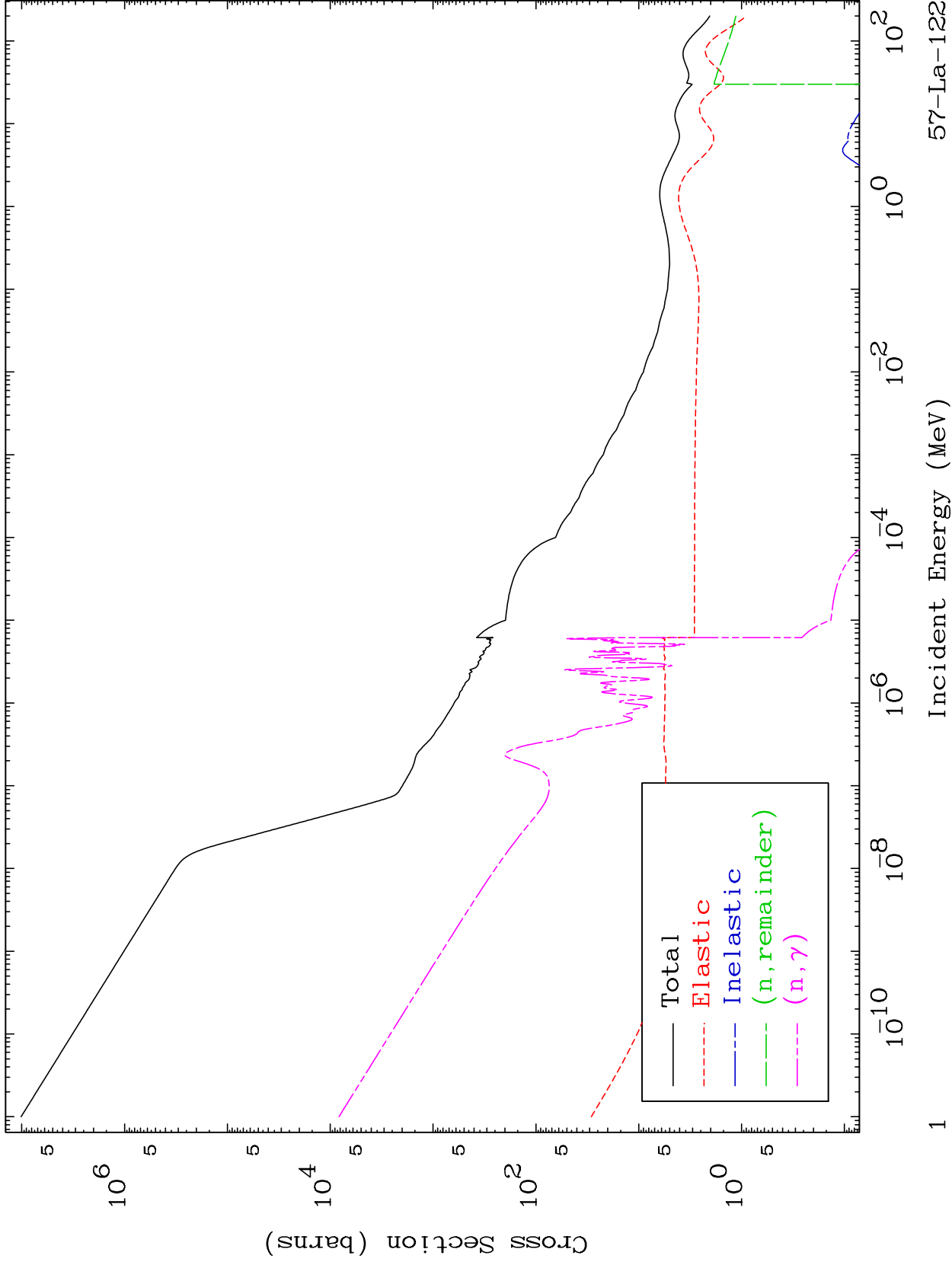
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5677

Major
293 Kelvin Cross Sections

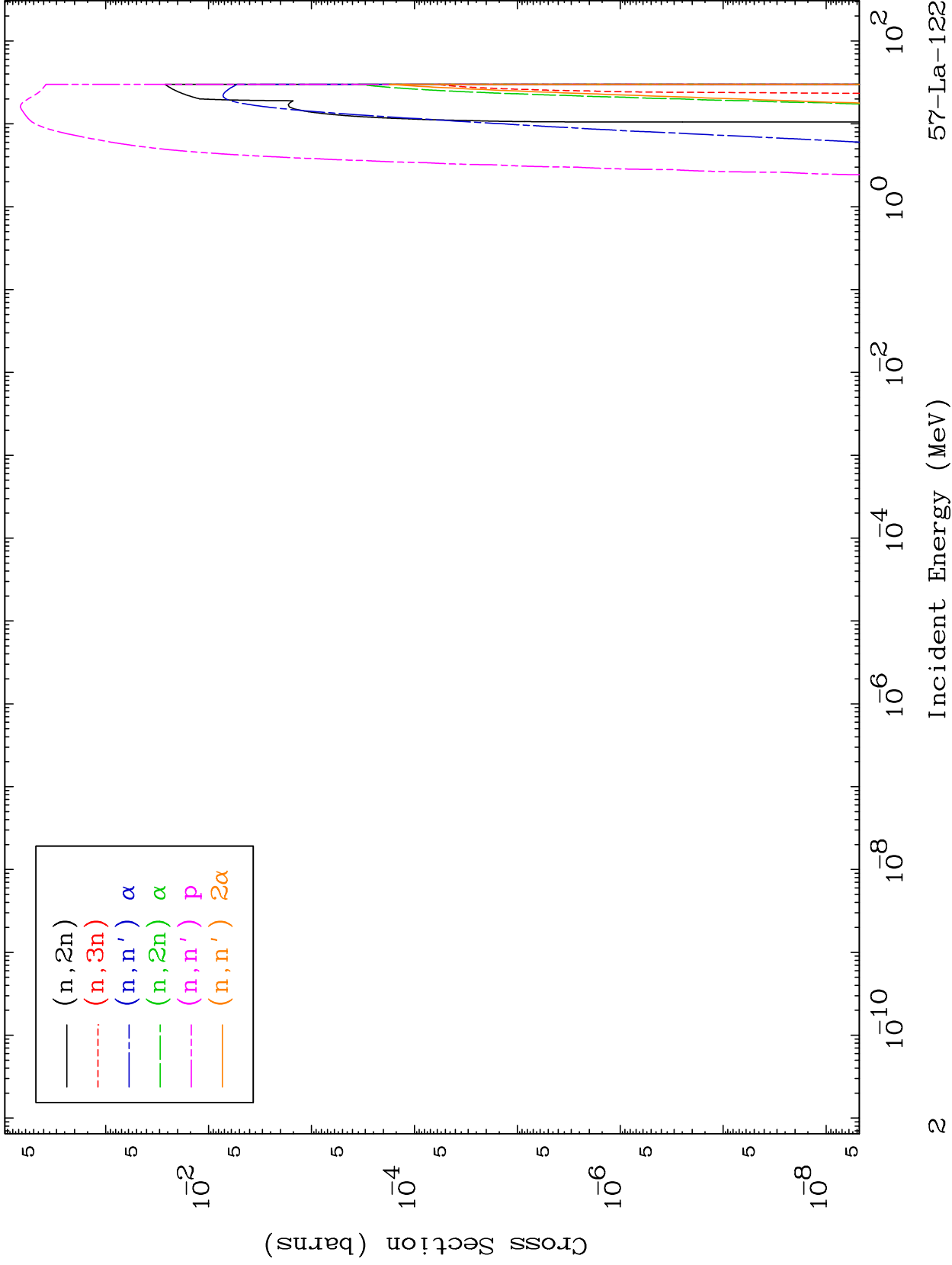
57-La-122

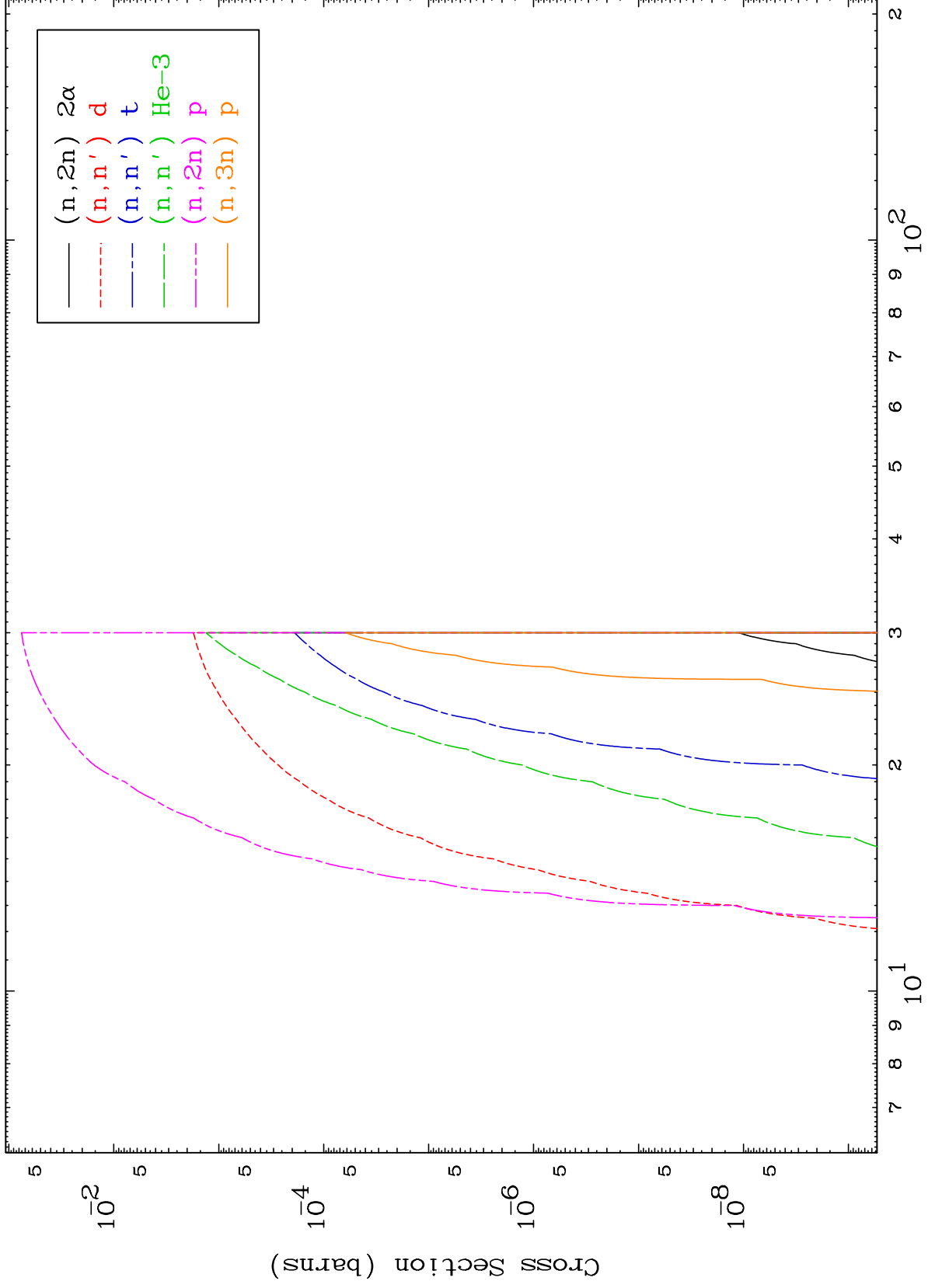


MAT 5677

Neutron Production
293 Kelvin Cross Sections

57-La-122

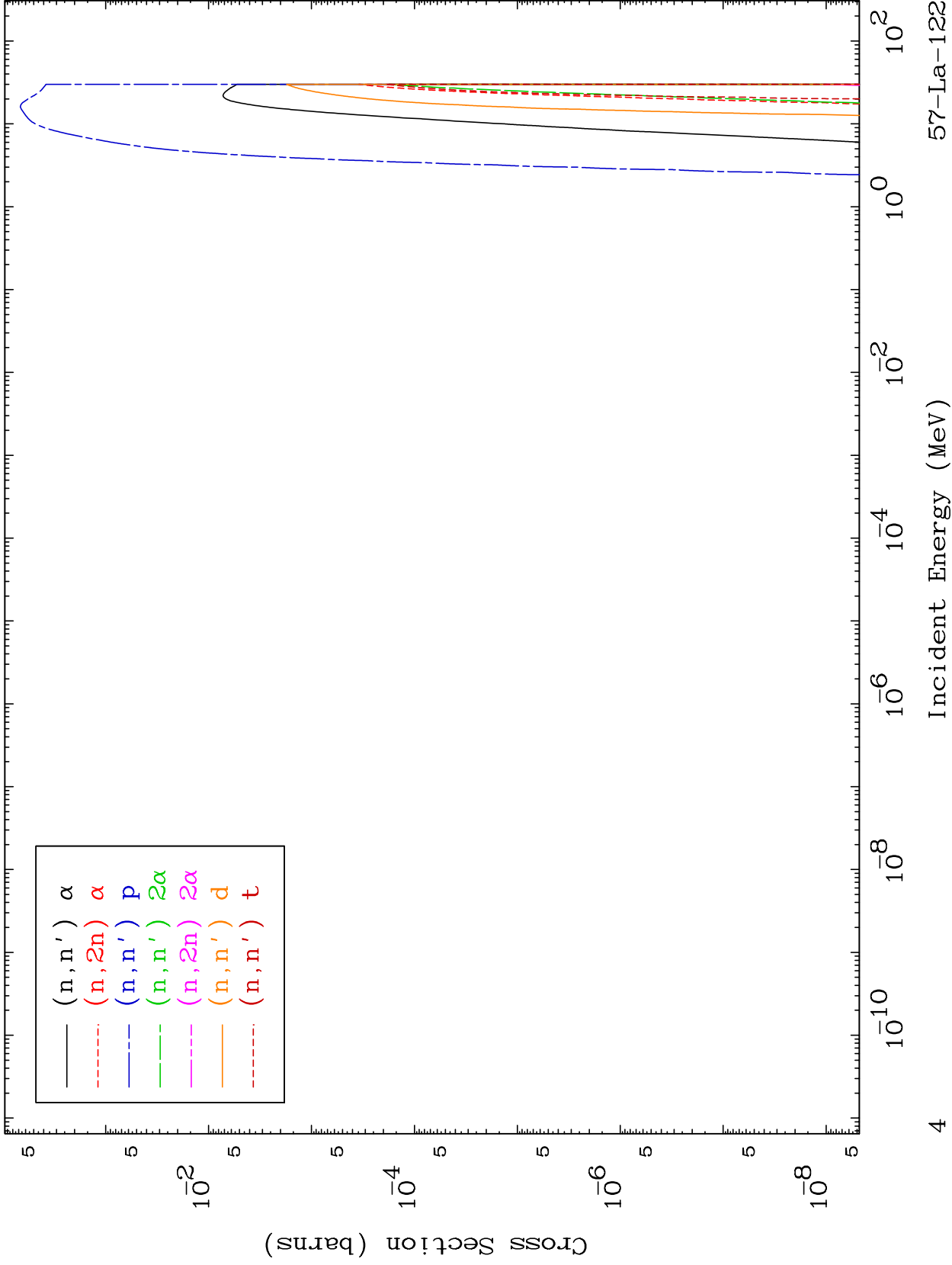




MAT 5677

Charged Particle
293 Kelvin Cross Sections

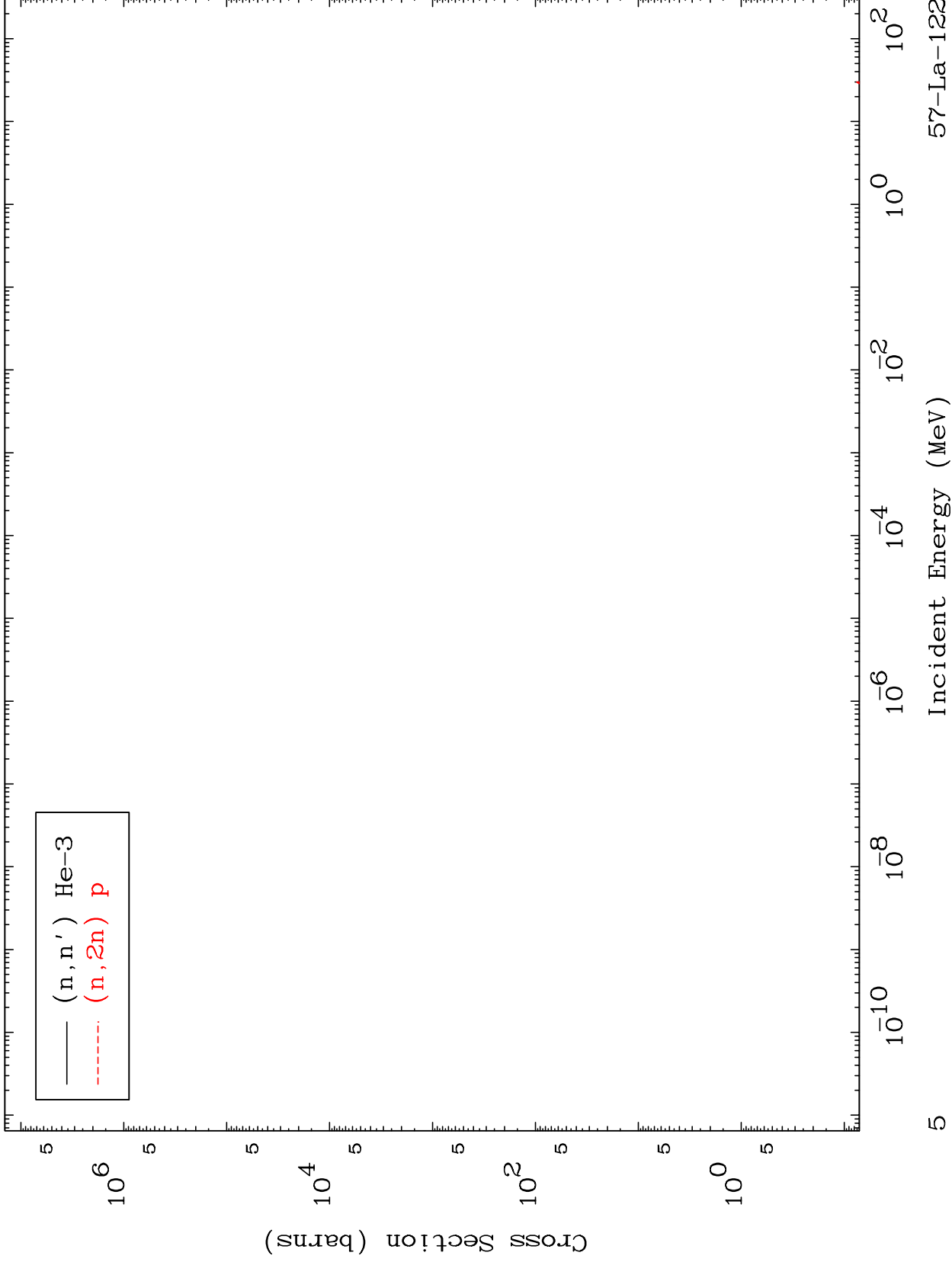
57-La-122



MAT 5677

Charged Particle
293 Kelvin Cross Sections

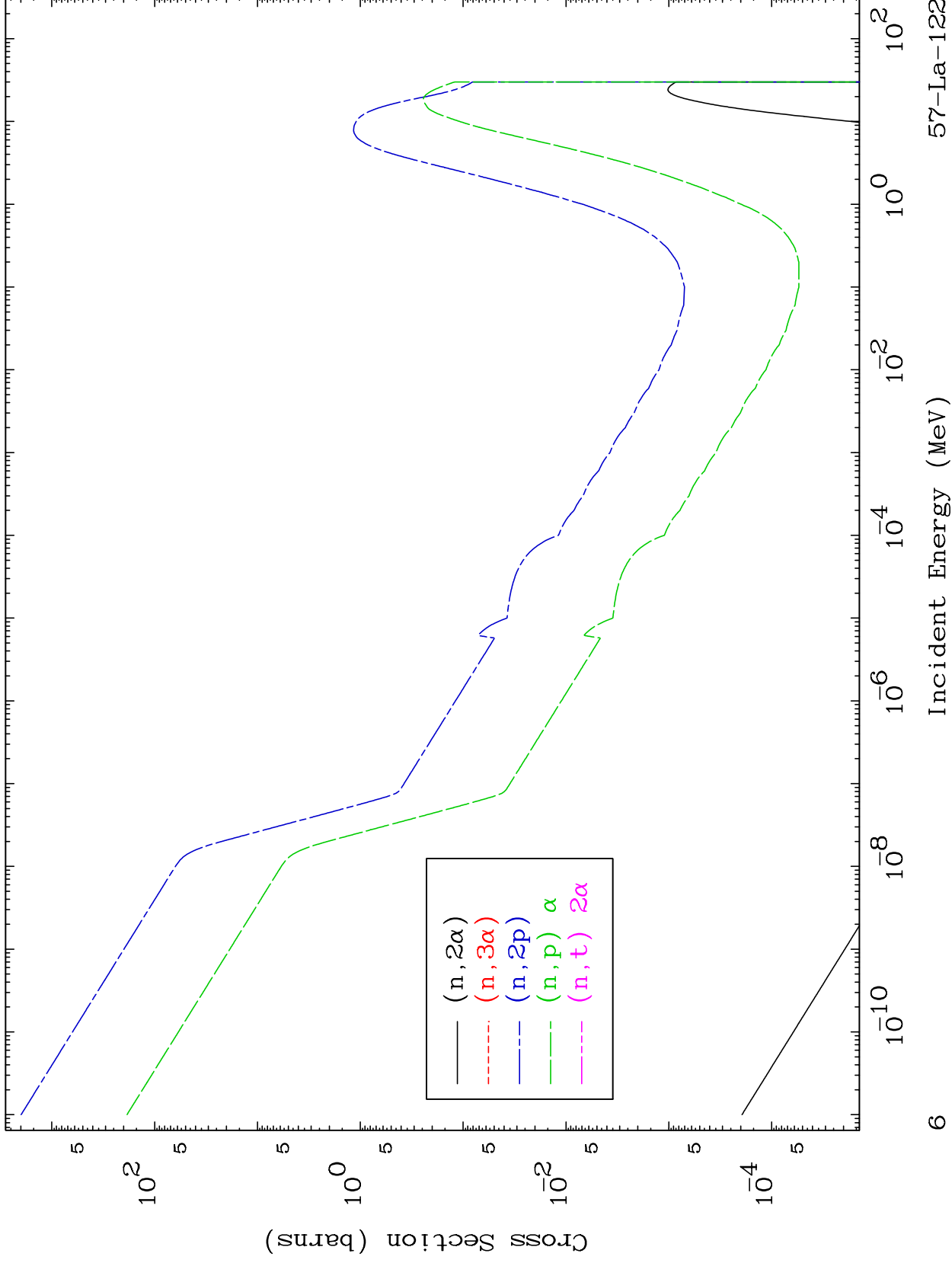
57-La-122



MAT 5677

Charged Particle
293 Kelvin Cross Sections

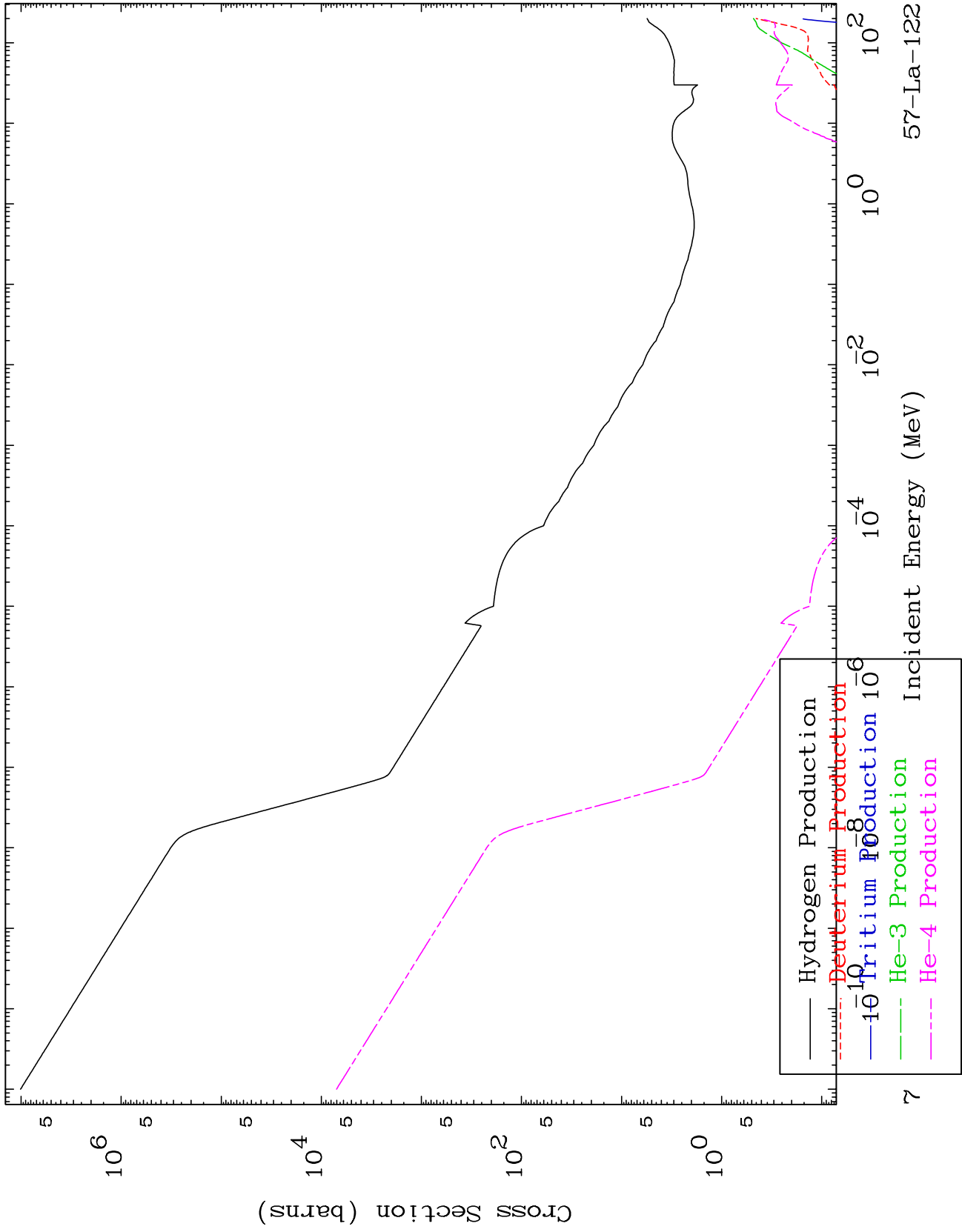
57-La-122



MAT 56777

Particle Production
293 Kelvin Cross Sections

57-La-122



57-La-122

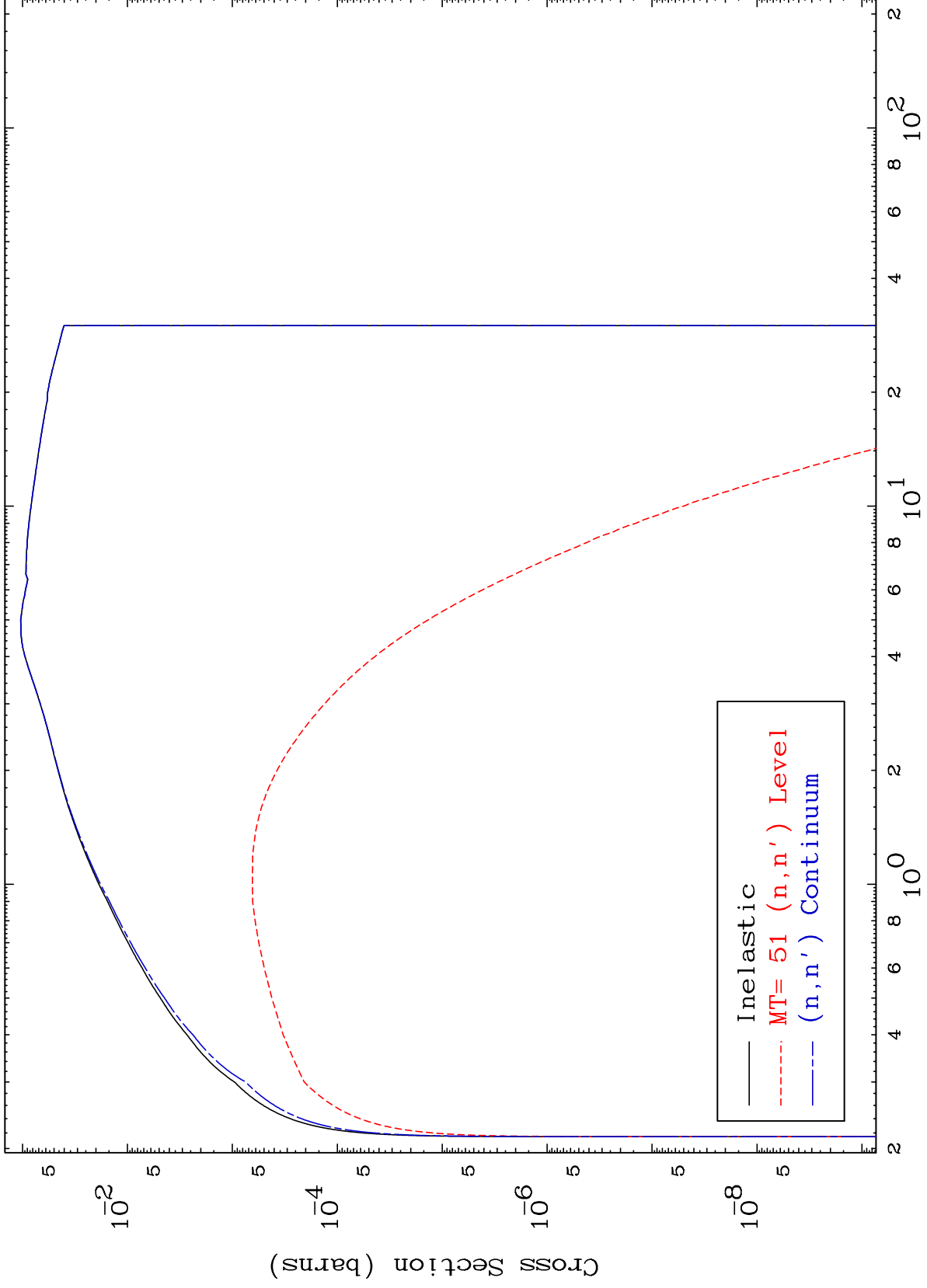
Incident Energy (MeV)

7

MAT 5677

(n,n') Level
293 Kelvin Cross Sections

57-La-122



8

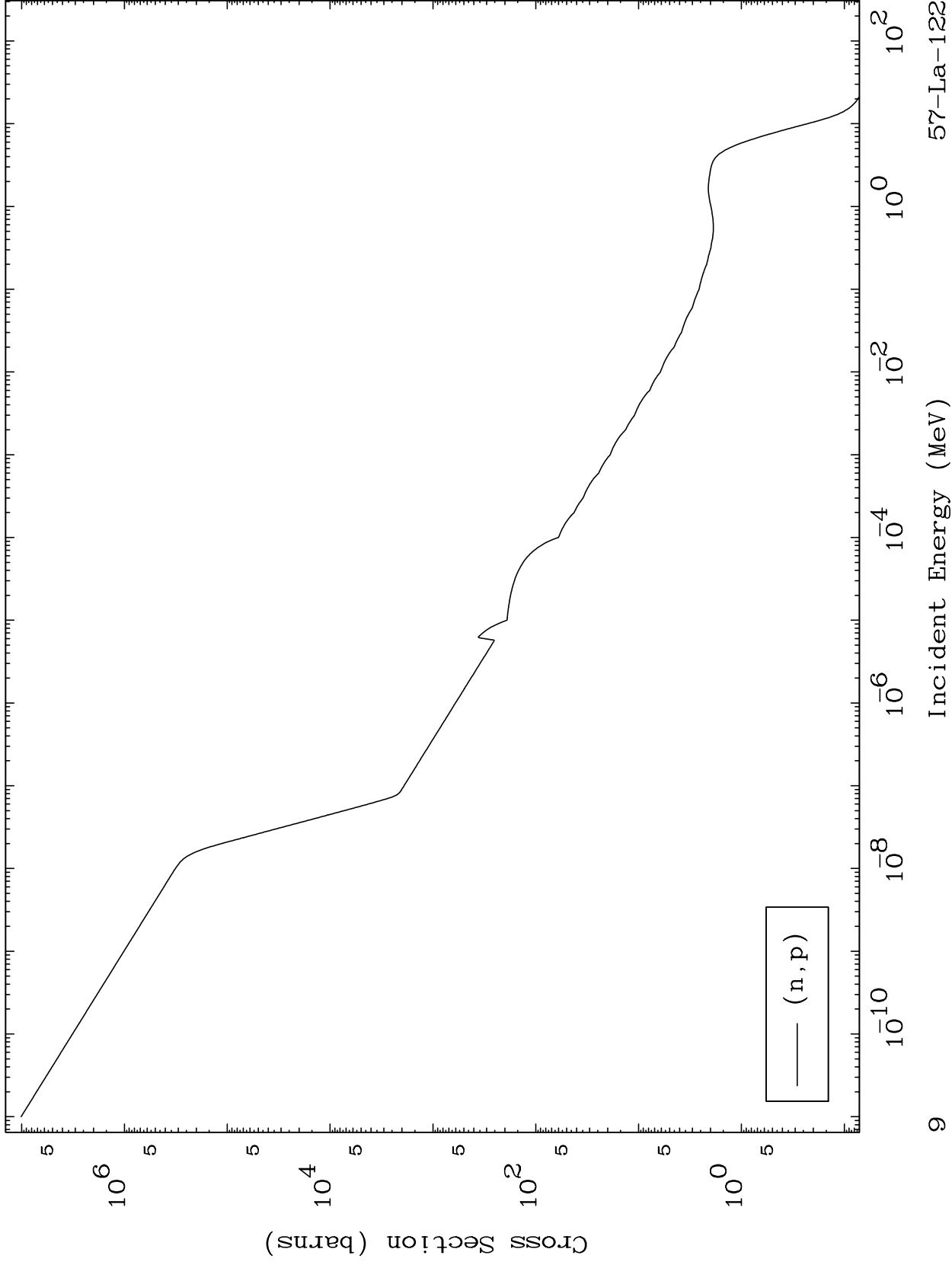
Incident Energy (MeV)

57-La-122

MAT 56777

(n,p) Levels
293 Kelvin Cross Sections

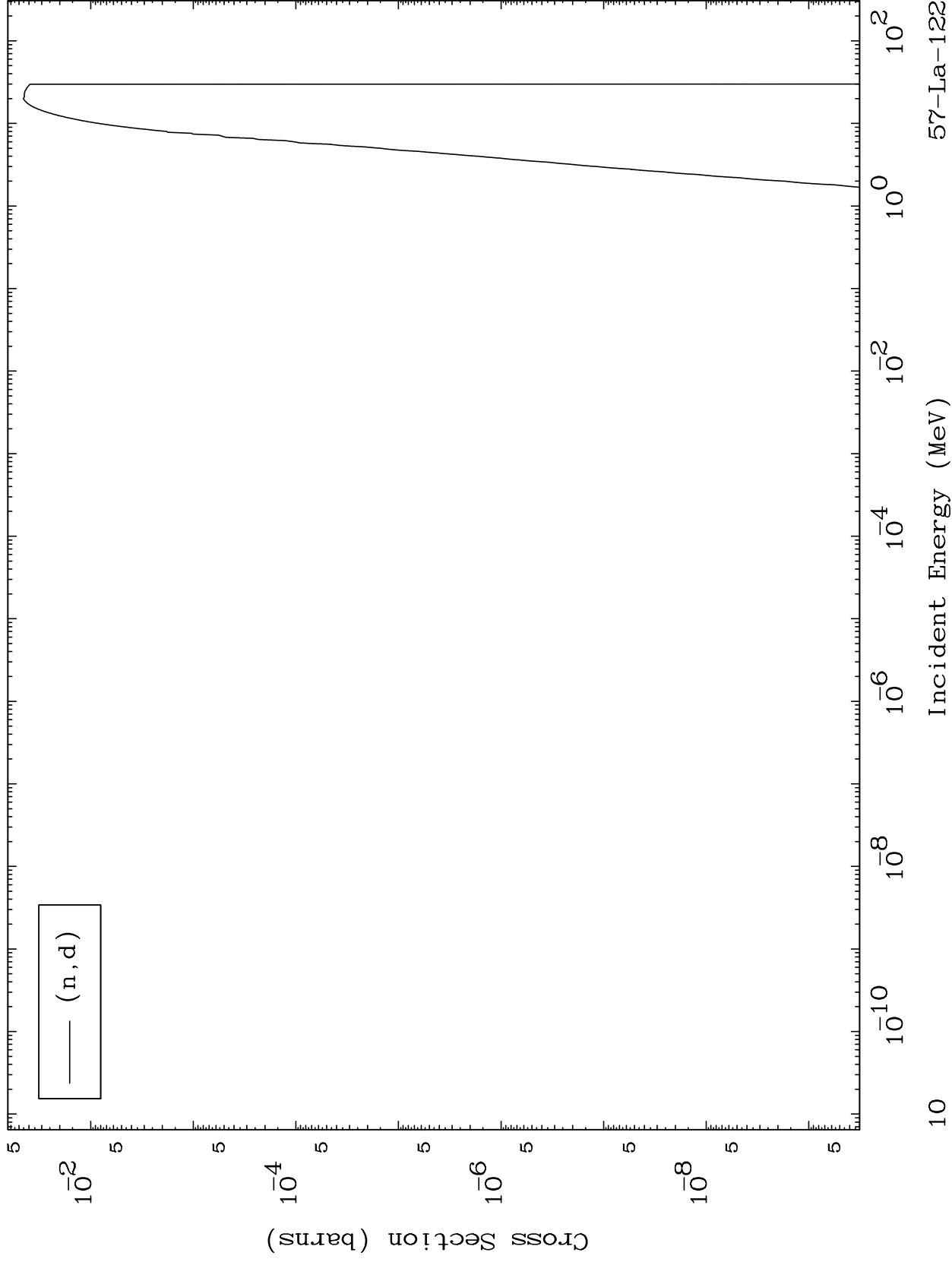
57-La-122



MAT 5677

(n,d) Levels
293 Kelvin Cross Sections

57-La-122



10

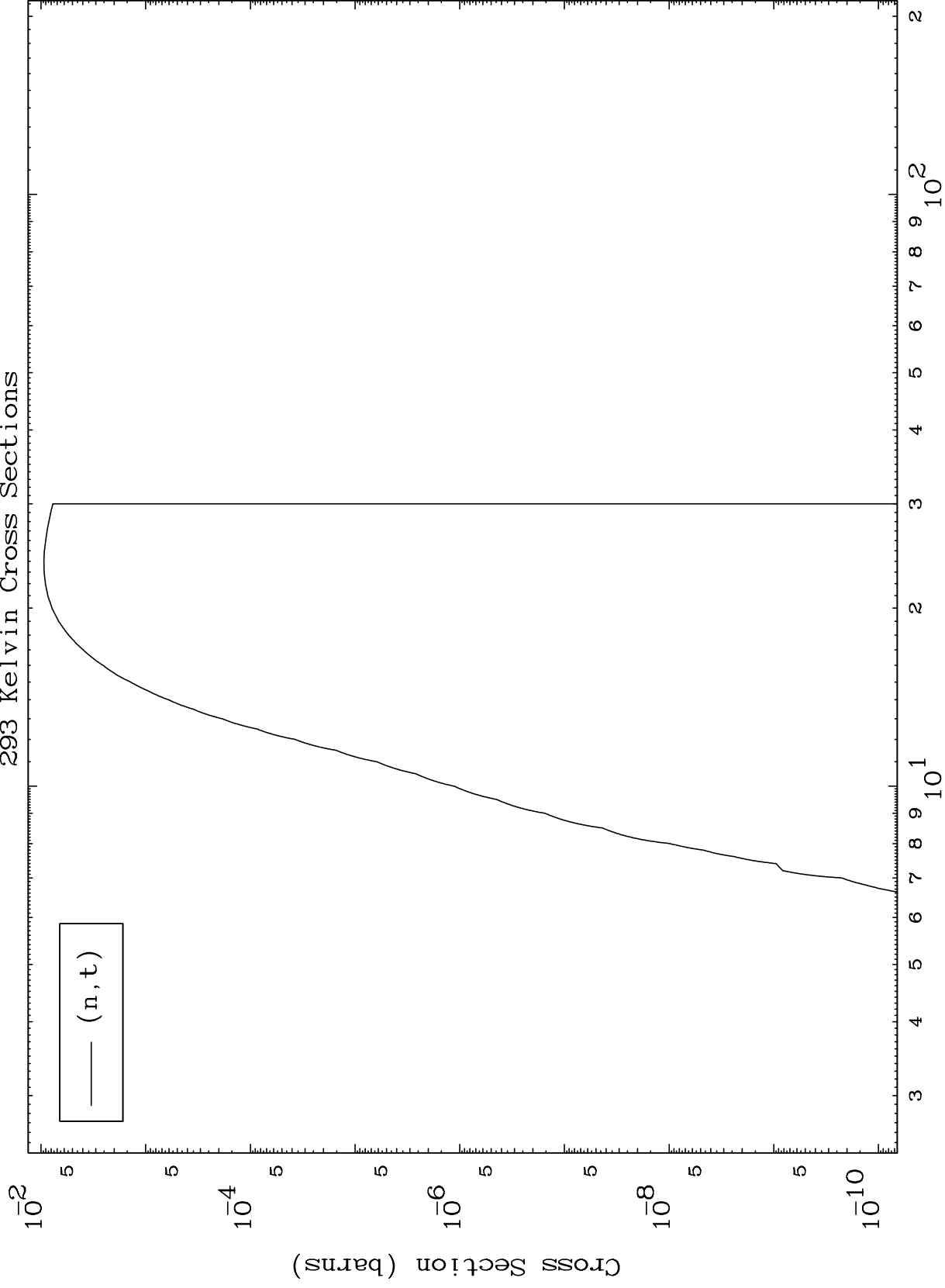
Incident Energy (MeV)

57-La-122

MAT 5677

(n,t) Levels
293 Kelvin Cross Sections

57-La-122



11

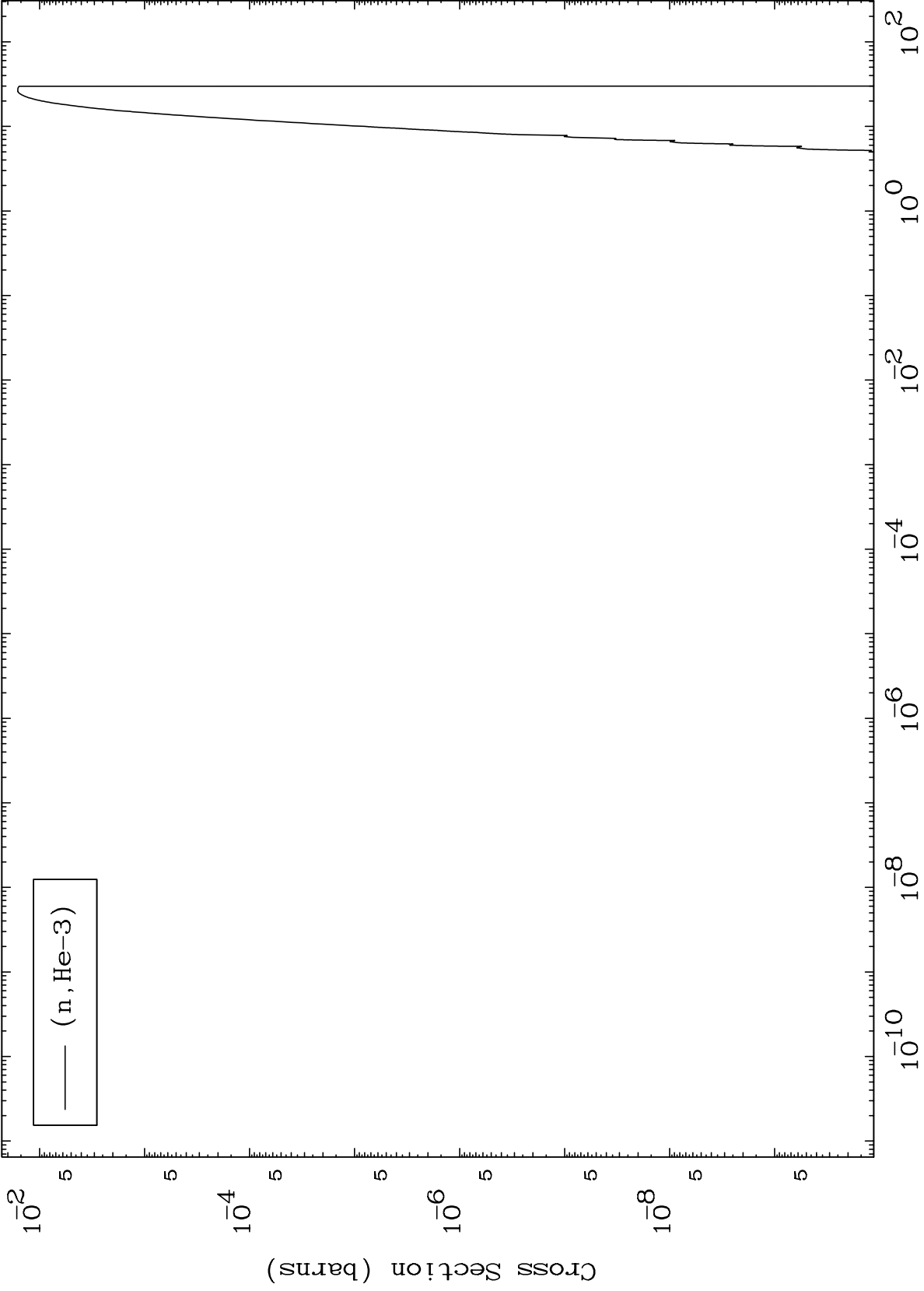
Incident Energy (MeV)

57-La-122

MAT 5677

(n,He3) Levels
293 Kelvin Cross Sections

57-La-122



12

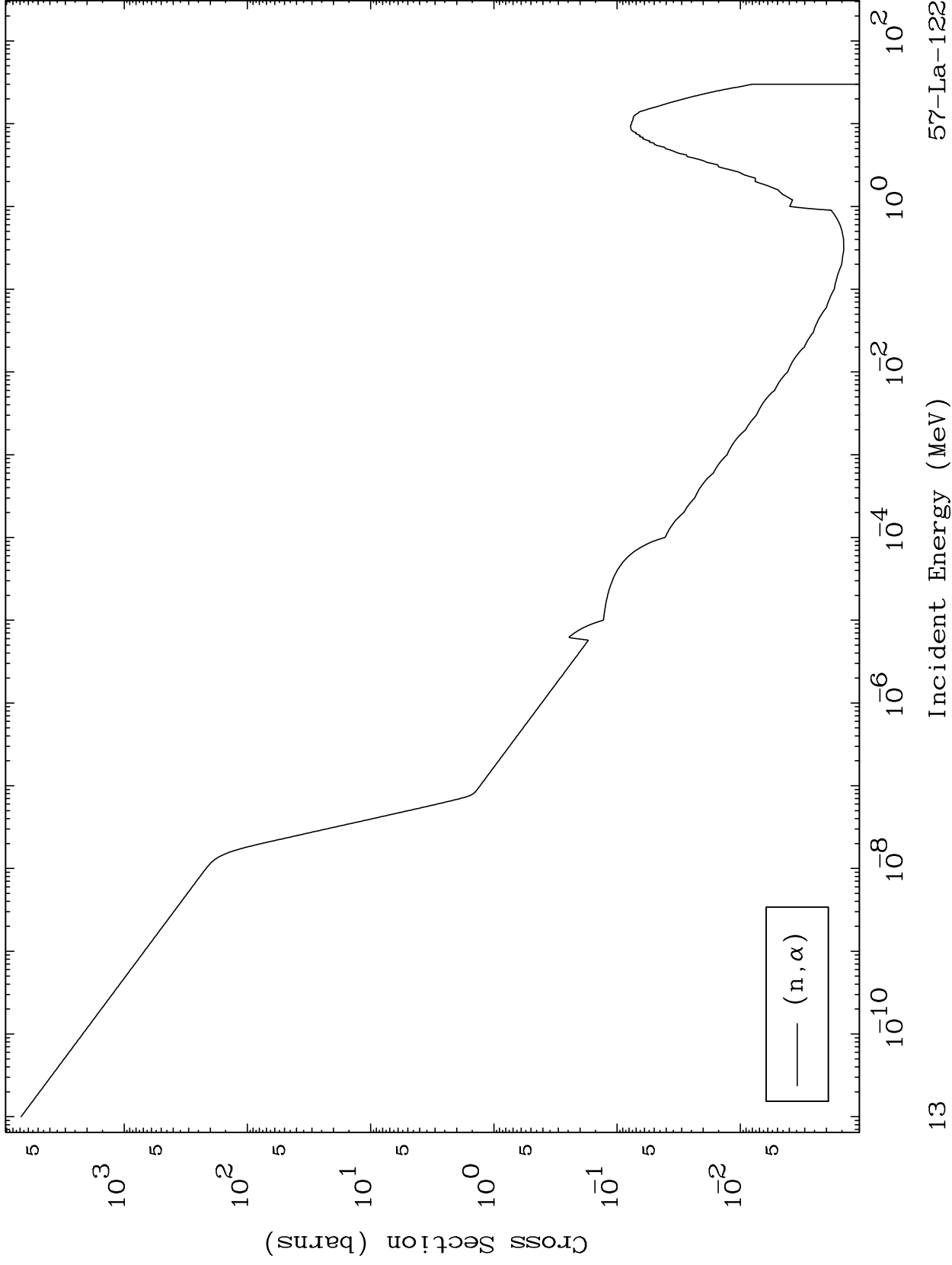
Incident Energy (MeV)

57-La-122

MAT 56777

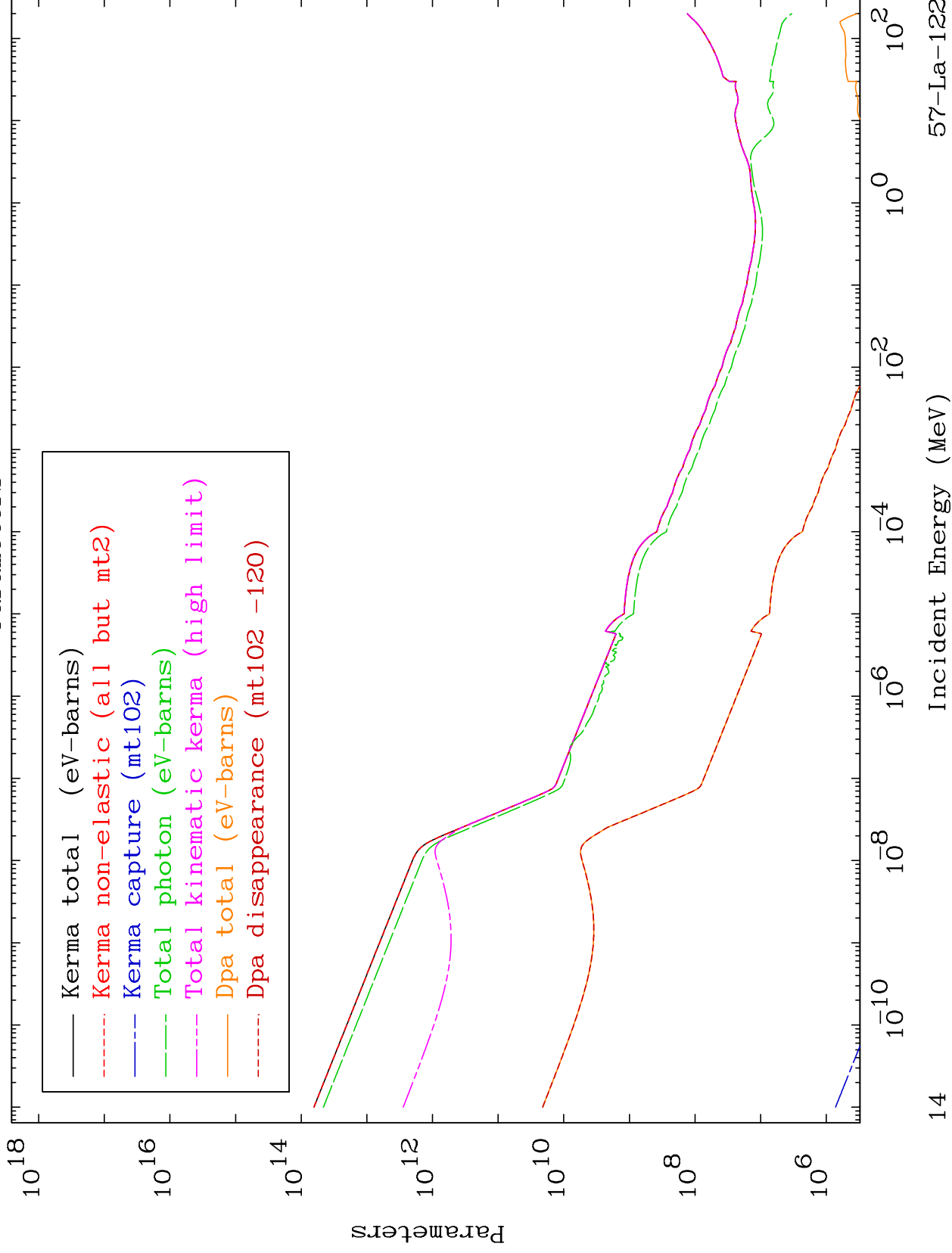
(n,α) Levels
293 Kelvin Cross Sections

57-La-122



13

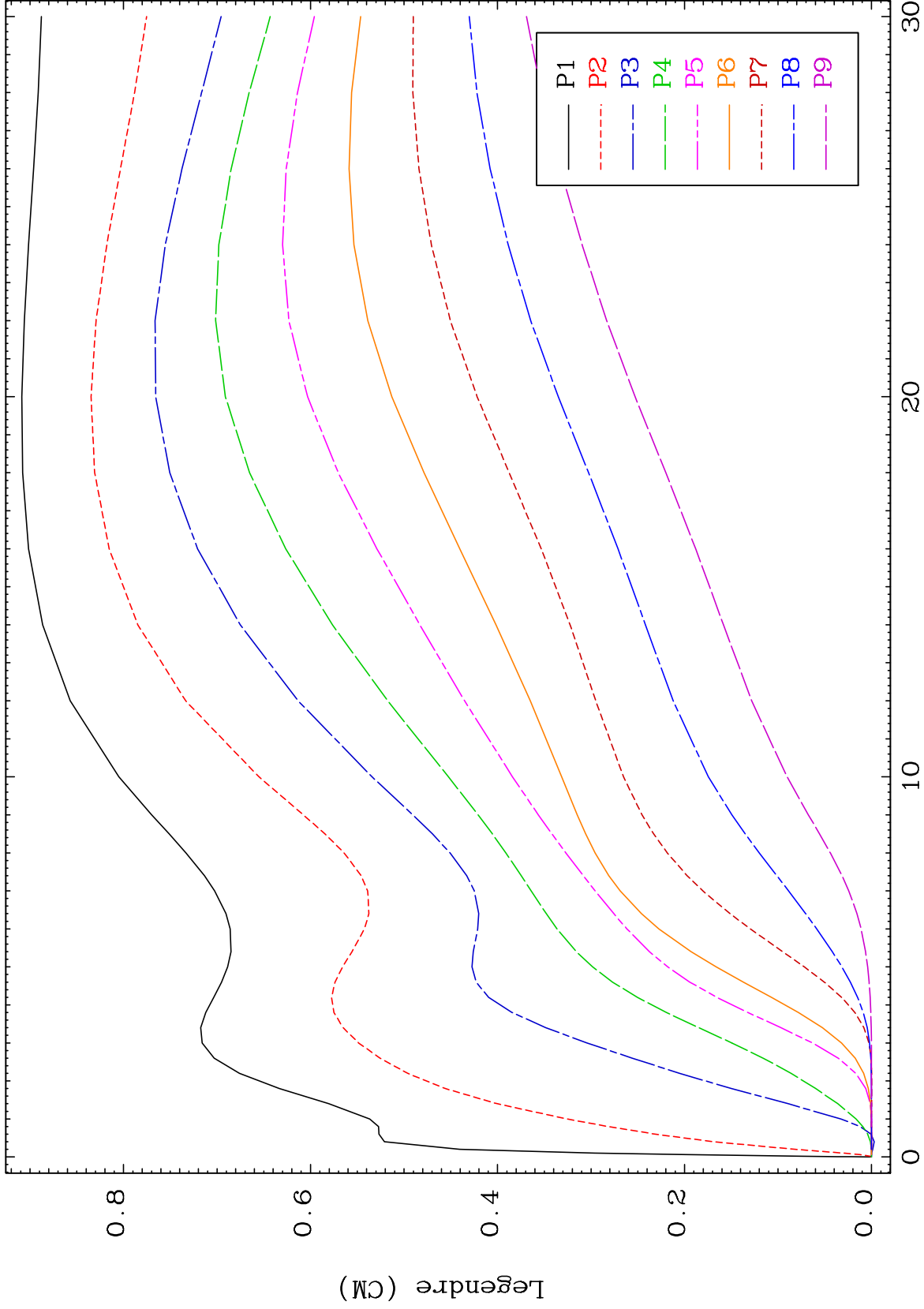
57-La-122



MAT 5677

Elastic Legendre Coefficients

57-La-122



15

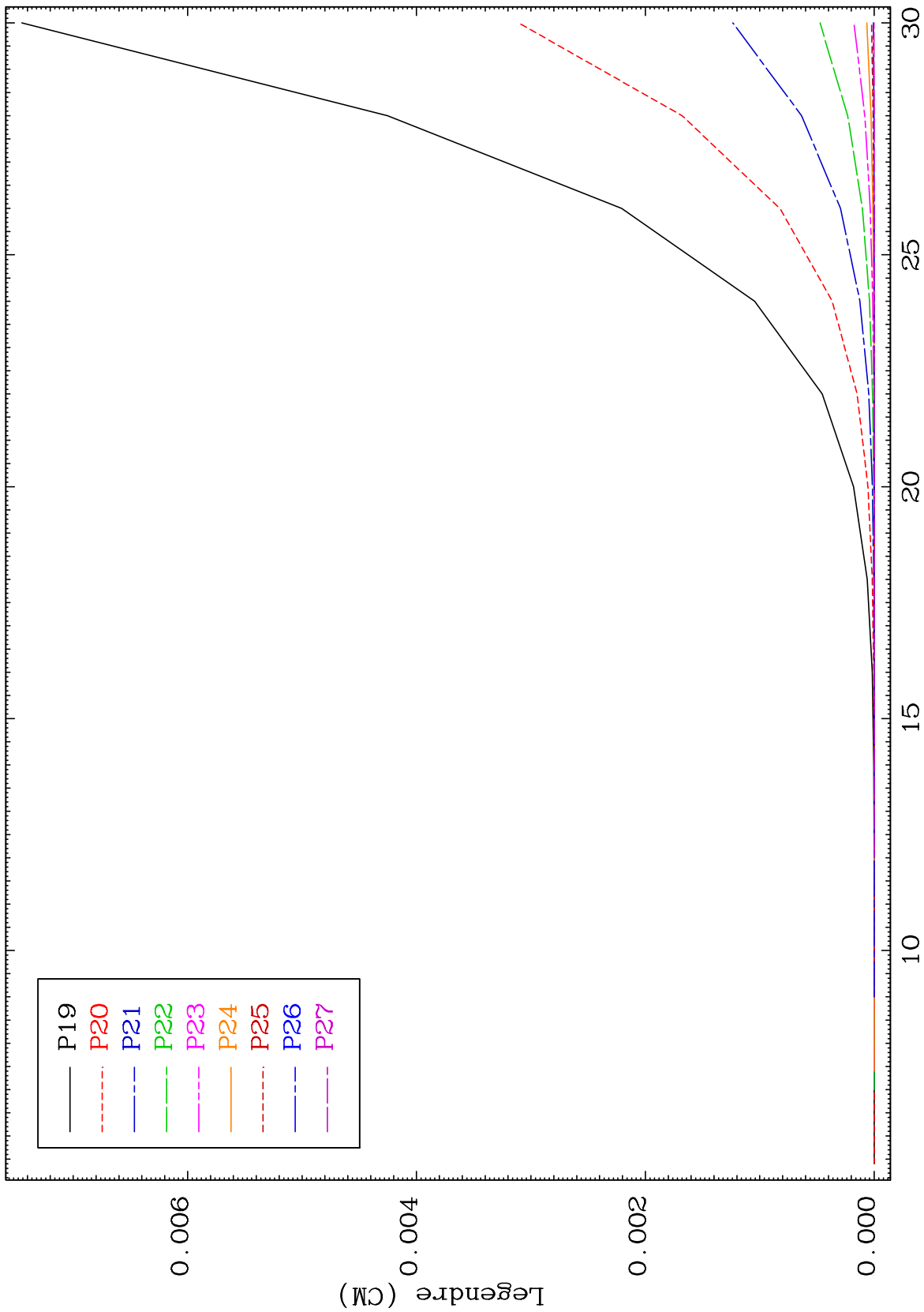
Incident Energy (MeV)

57-La-122

MAT 5677

Elastic Legendre Coefficients

57-La-122



17

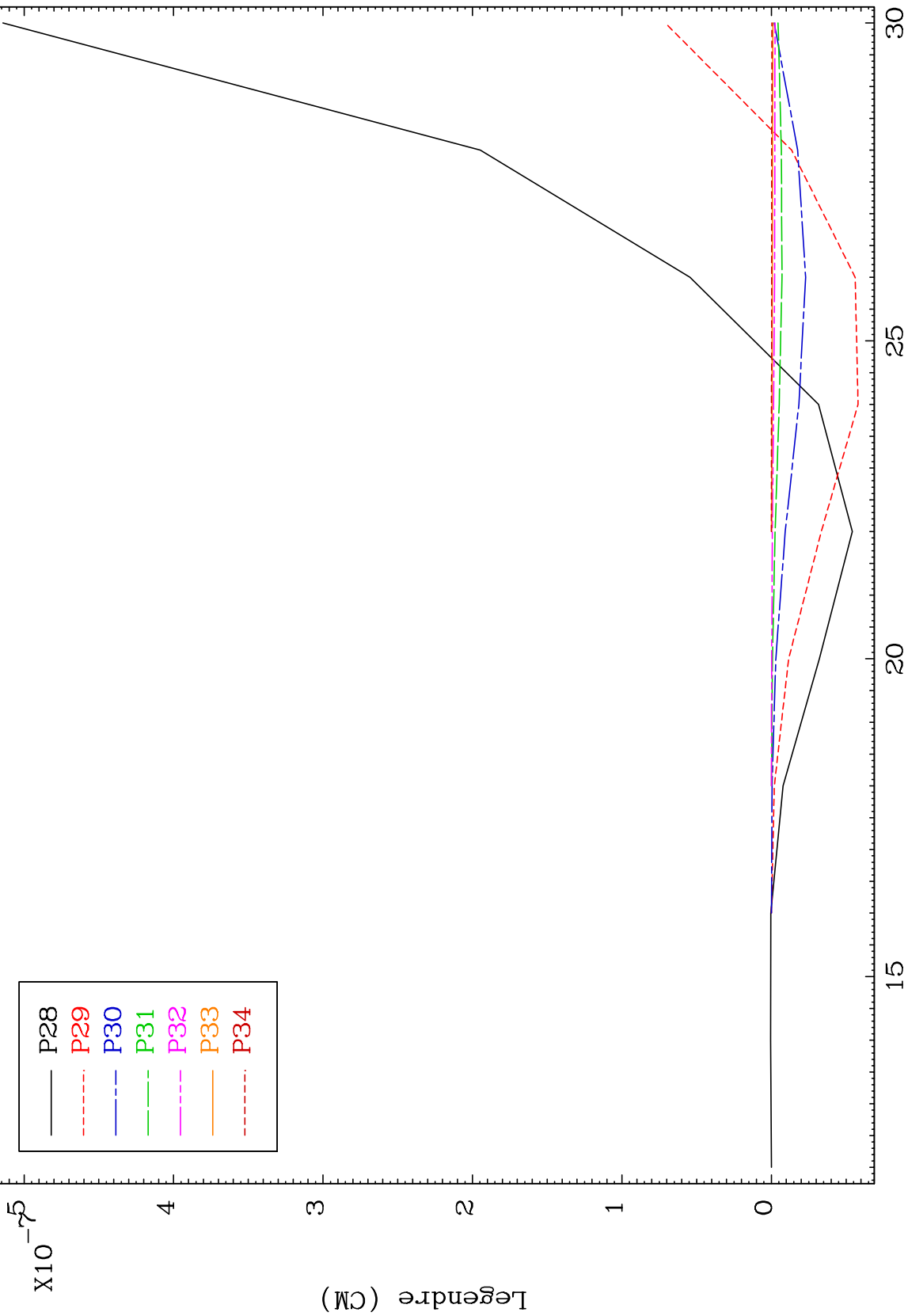
Incident Energy (MeV)

57-La-122

MAT 5677

Elastic Legendre Coefficients

57-La-122



18

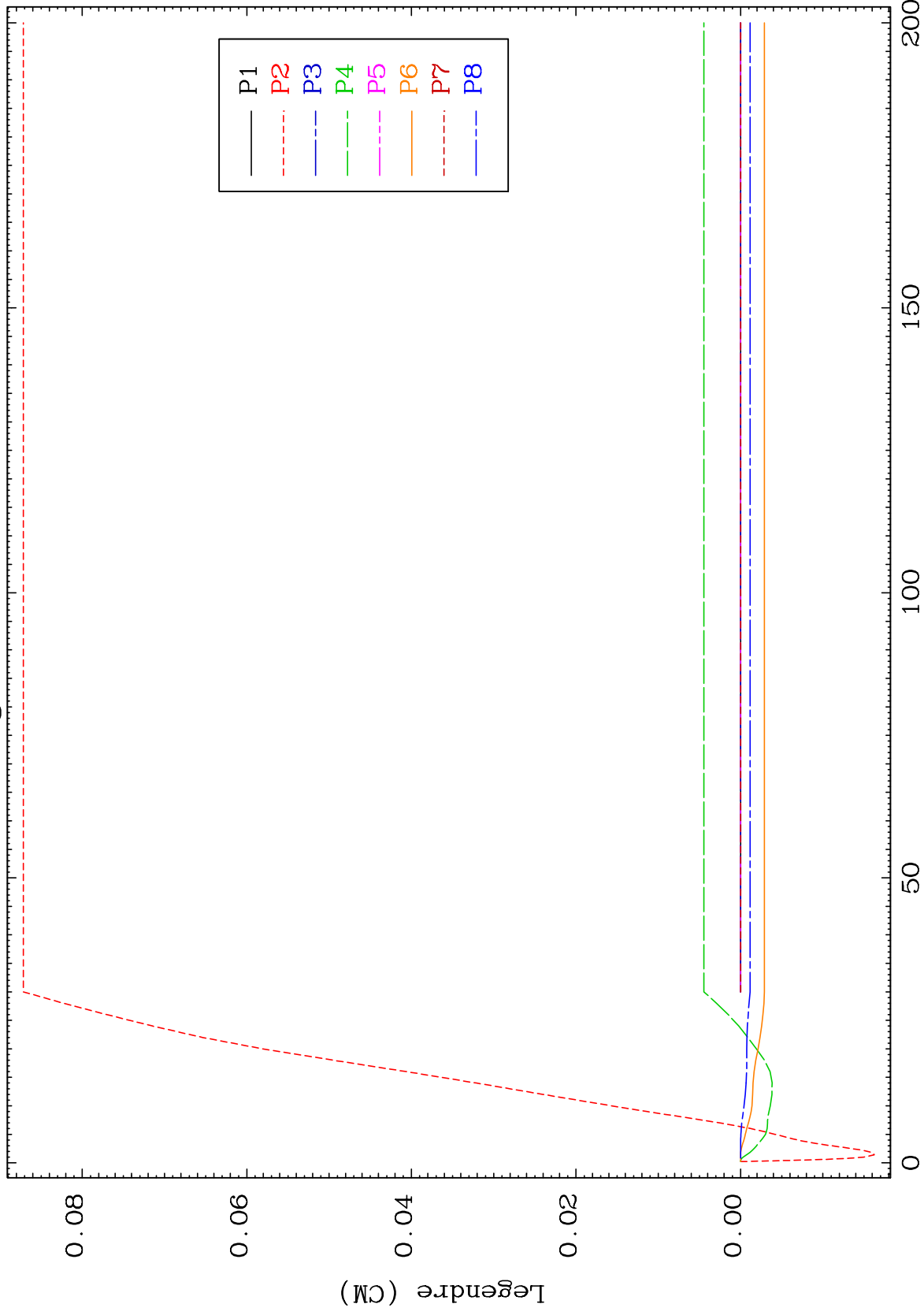
Incident Energy (MeV)

57-La-122

MAT 56777

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

57-La-122



19

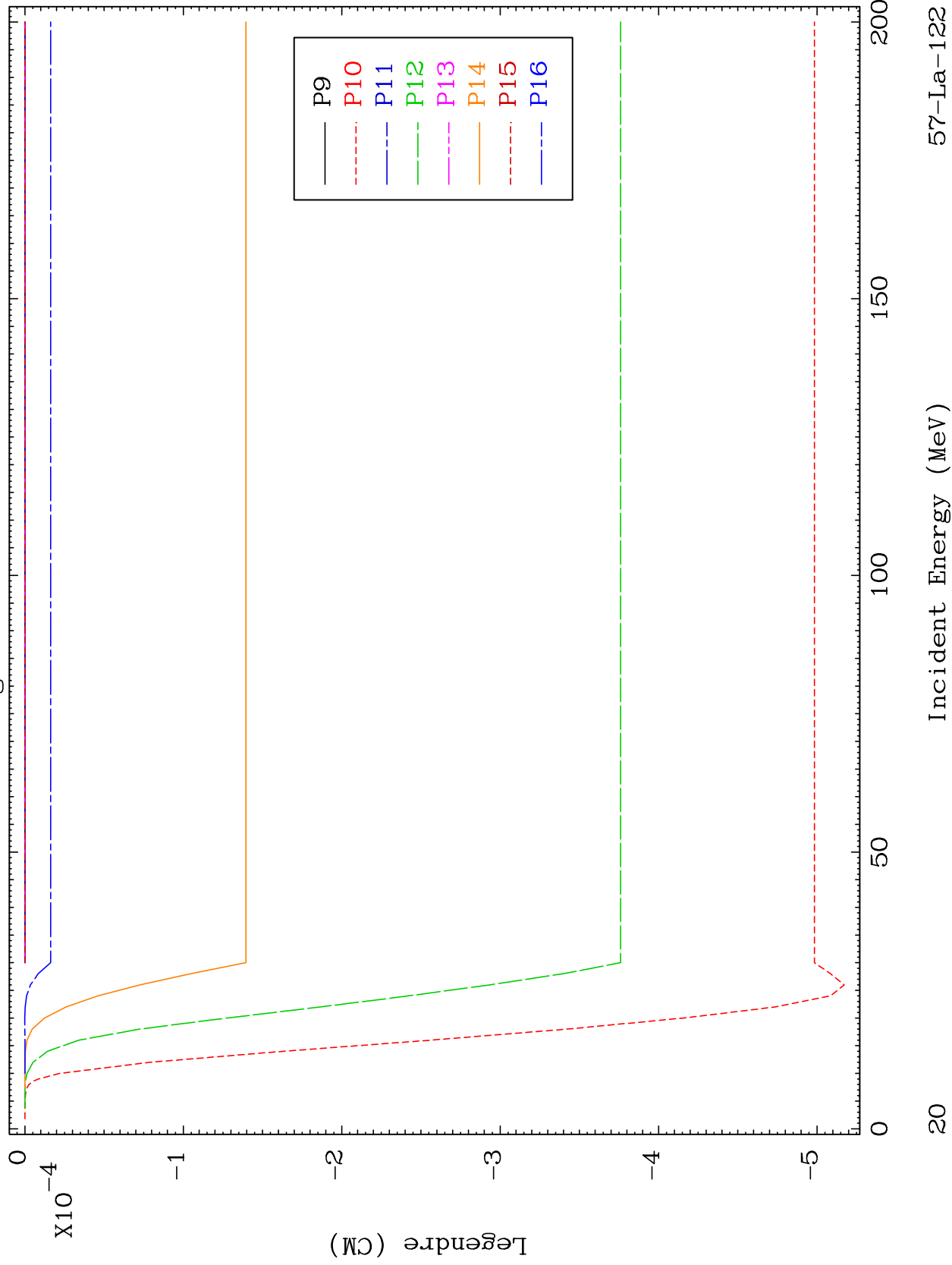
Incident Energy (MeV)

57-La-122

MAT 5677

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

57-La-122



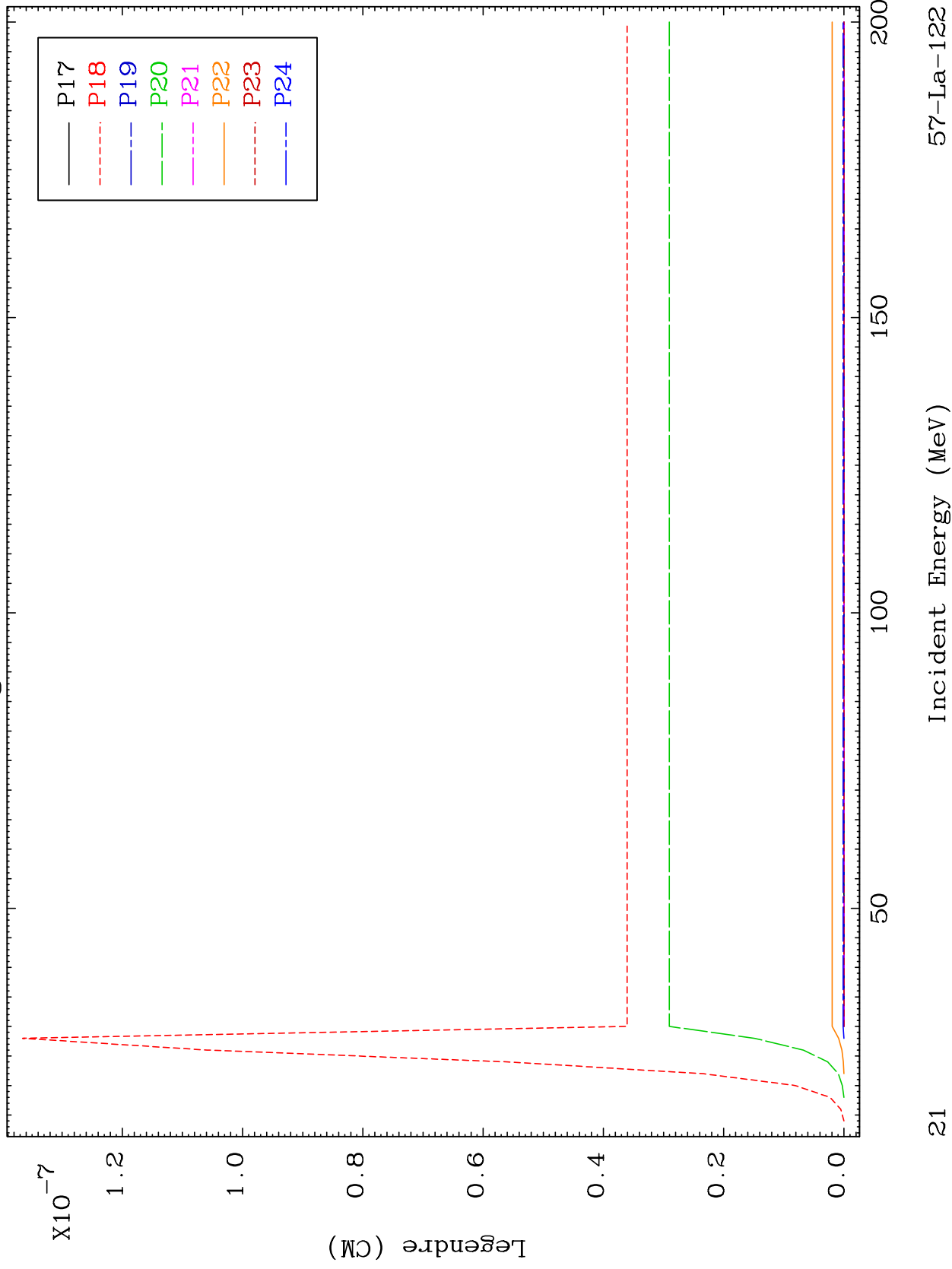
57-La-122

Incident Energy (MeV)

MAT 56777

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

57-La-122



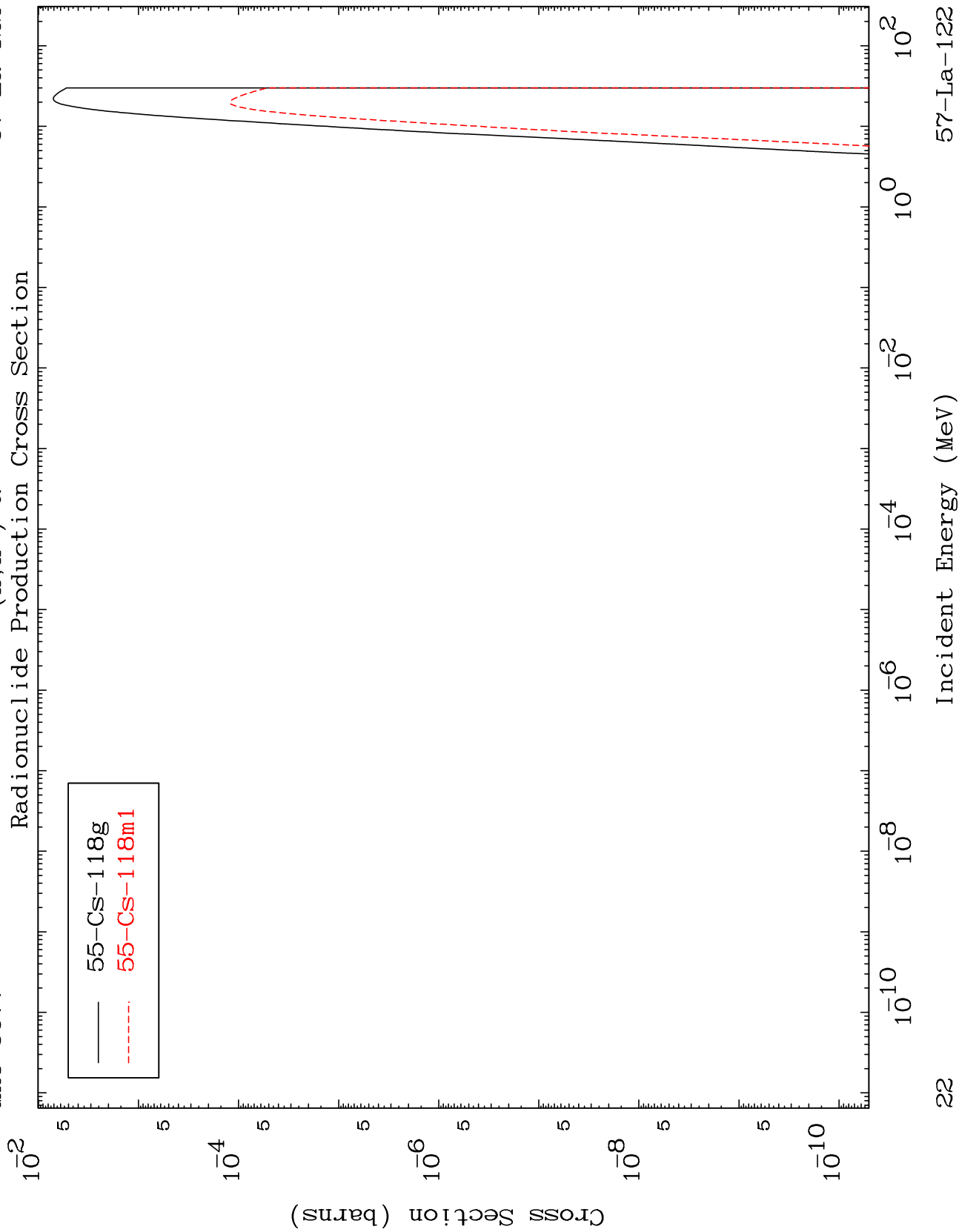
21

MAT 5677

$(n, n') \alpha$

57-La-122

Radionuclide Production Cross Section



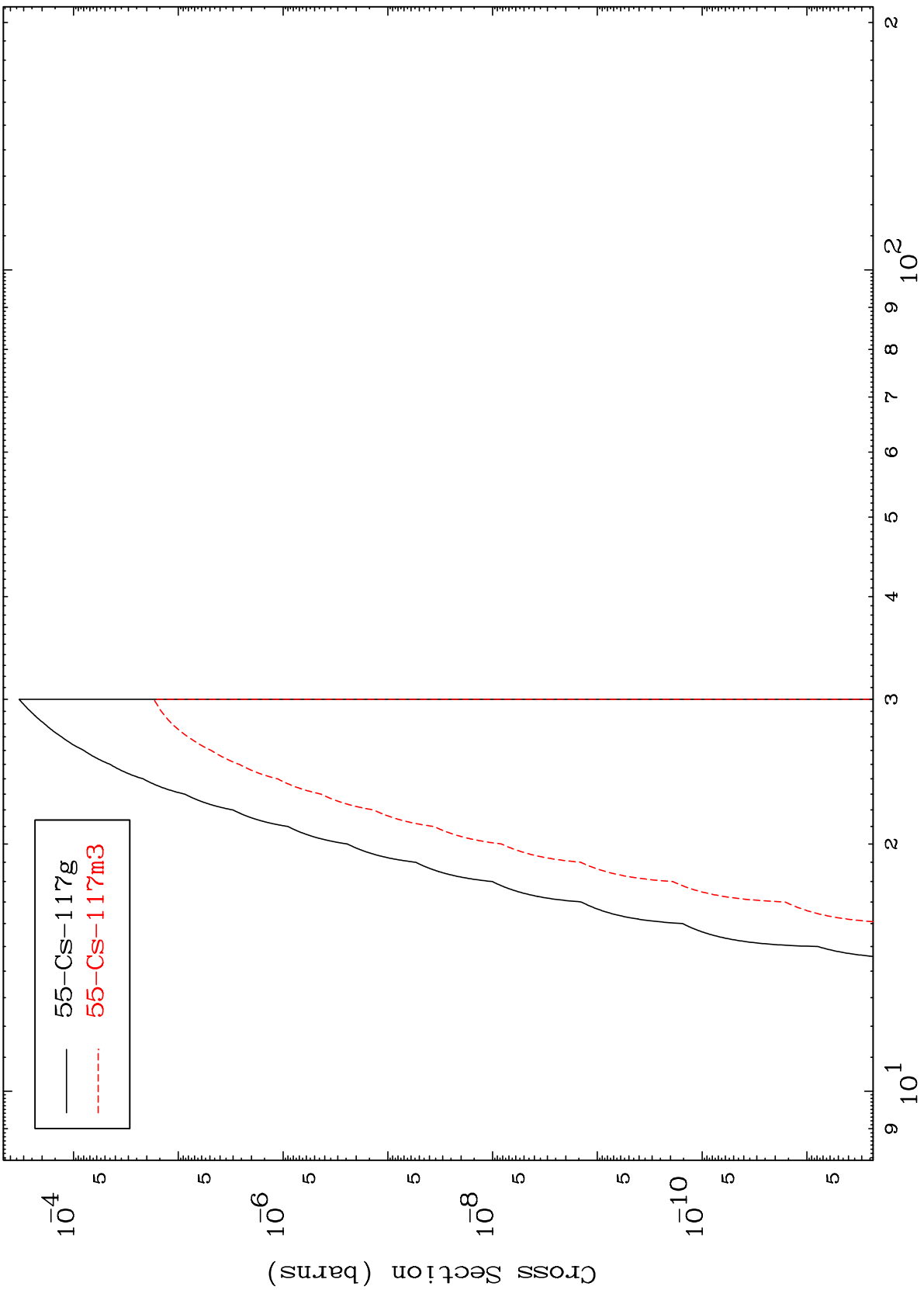
55-Cs-118g
55-Cs-118m1

MAT 5677

(n,2n) α

57-La-122

Radionuclide Production Cross Section



55-Cs-117g
55-Cs-117m3

23

Incident Energy (MeV)

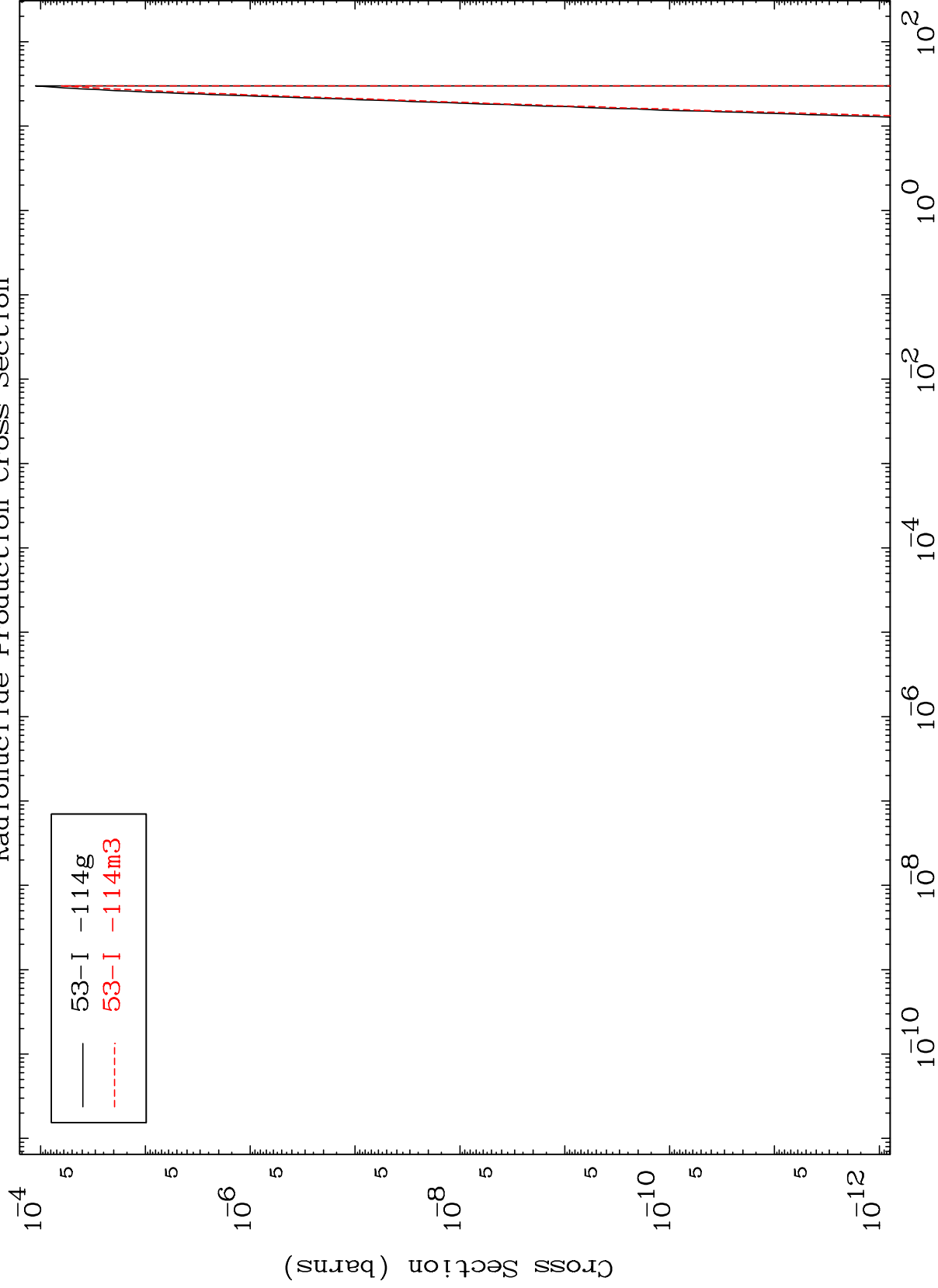
57-La-122

MAT 5677

(n,n') 2α

57-La-122

Radionuclide Production Cross Section



24

Incident Energy (MeV)

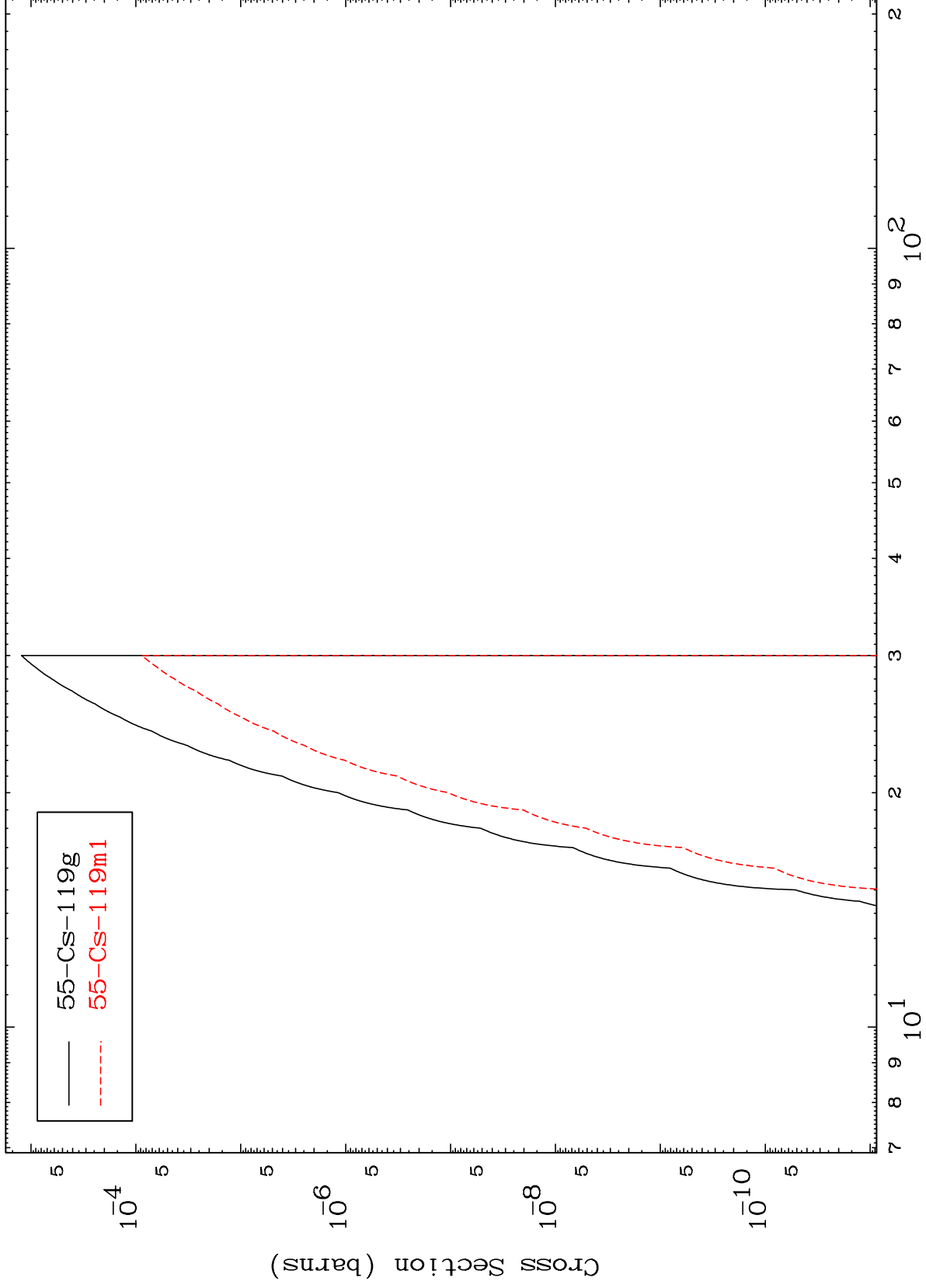
57-La-122

MAT 5677

(n,n') He-3

57-La-122

Radionuclide Production Cross Section



25

Incident Energy (MeV)

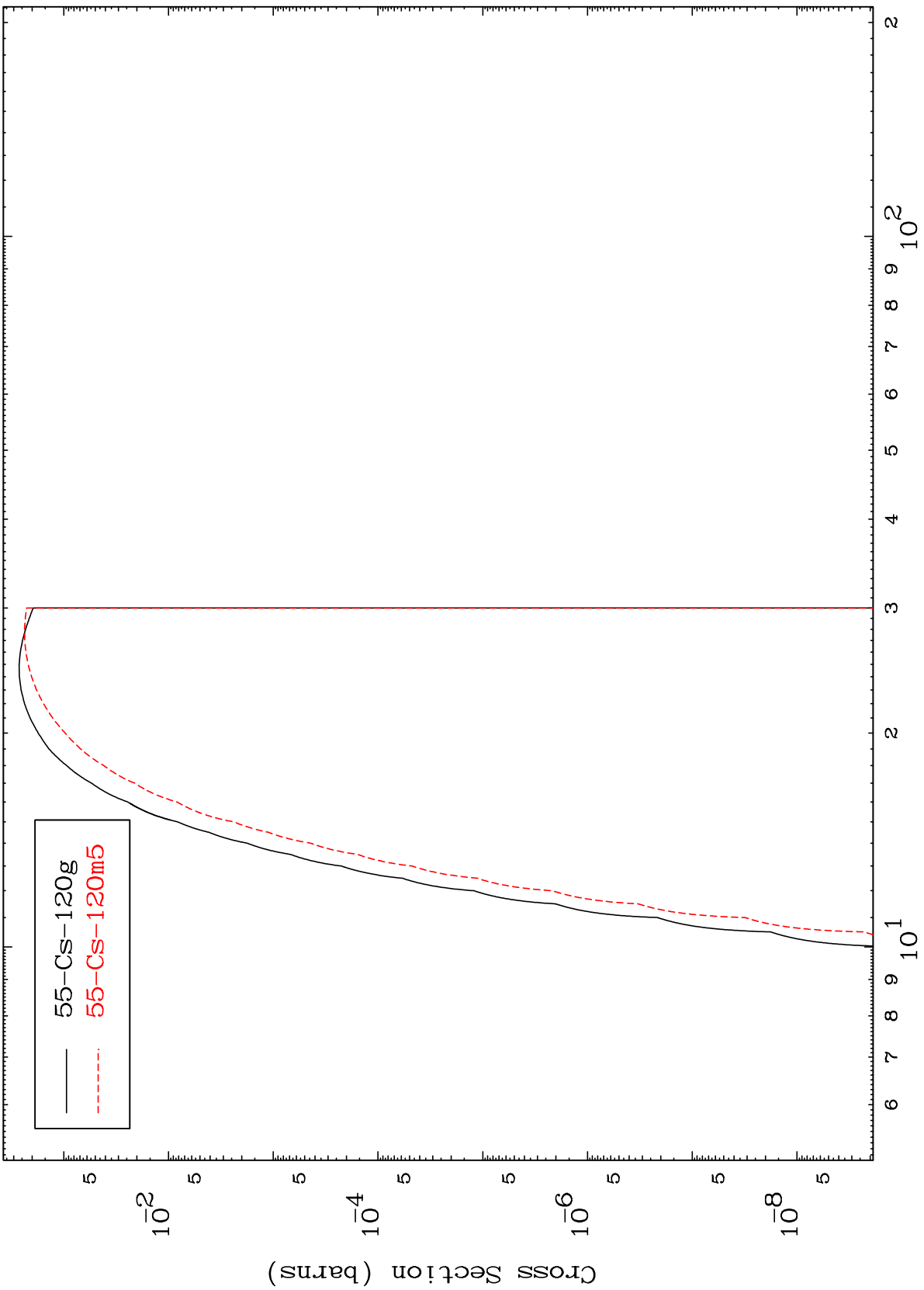
57-La-122

MAT 5677

(n,2n) p

57-La-122

Radionuclide Production Cross Section



26

Incident Energy (MeV)

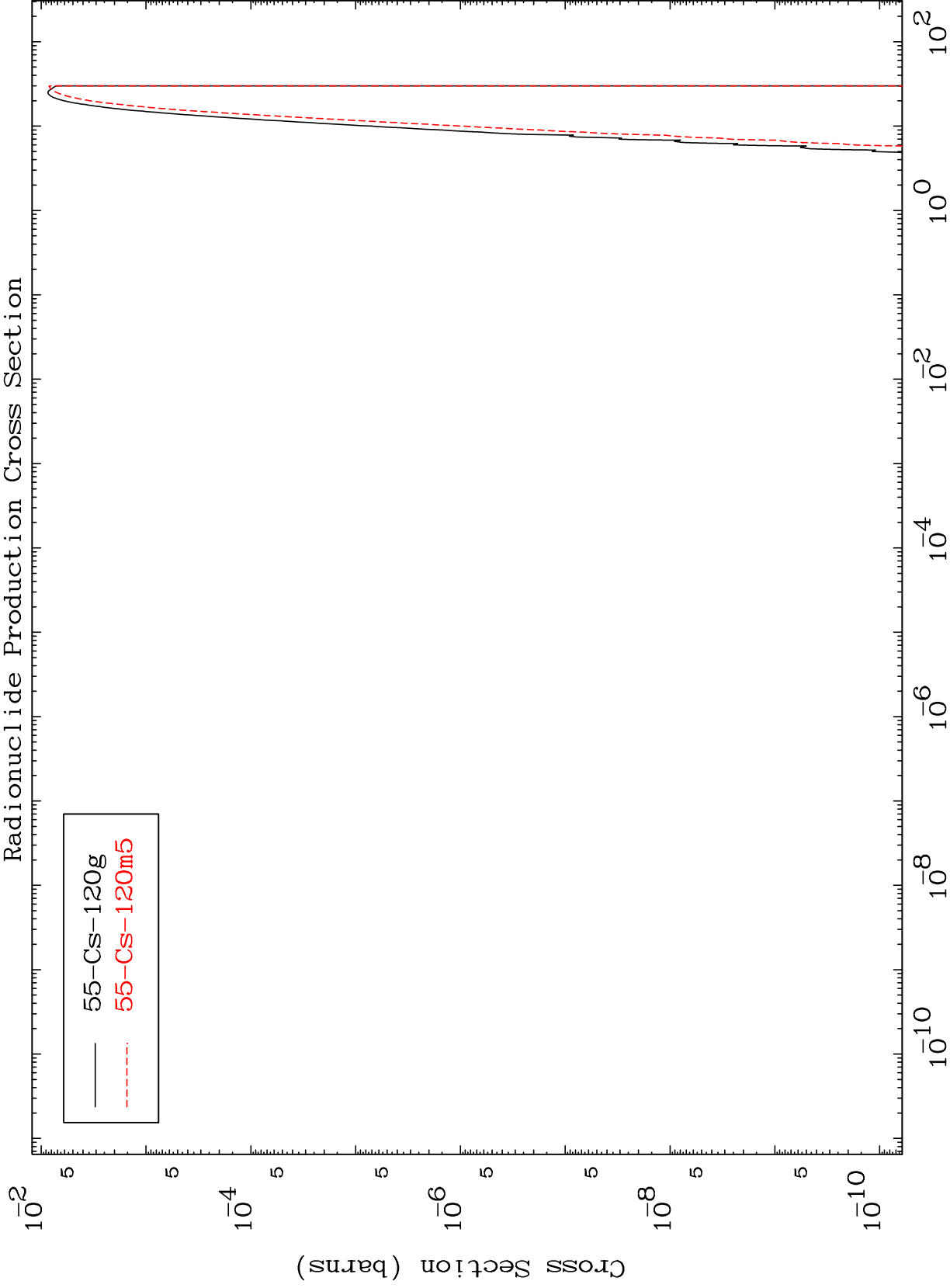
57-La-122

MAT 5677

(n,He-3)

57-La-122

Radionuclide Production Cross Section



27

Incident Energy (MeV)

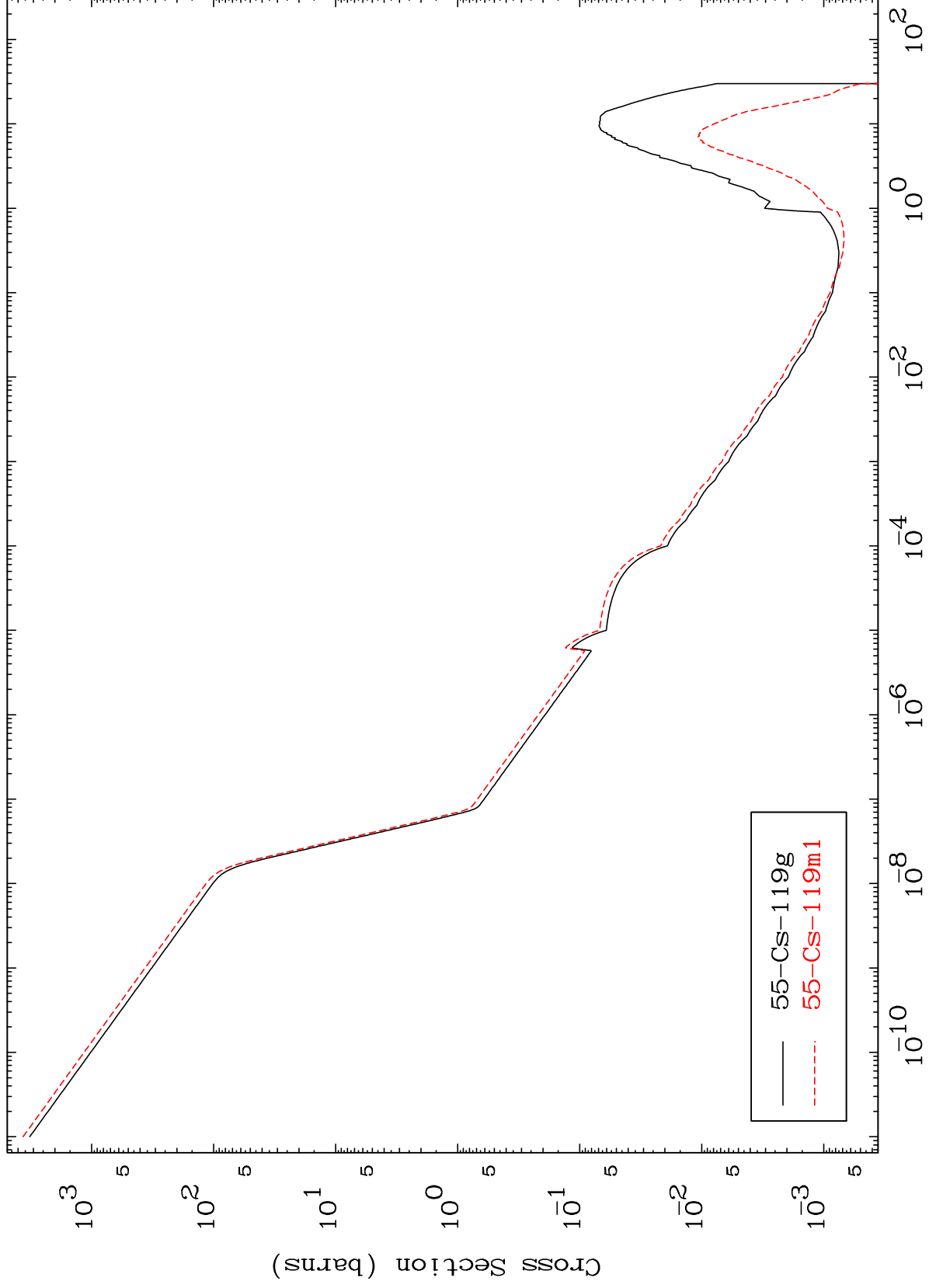
57-La-122

MAT 56777

(n, α)

57-La-122

Radionuclide Production Cross Section



28

Incident Energy (MeV)

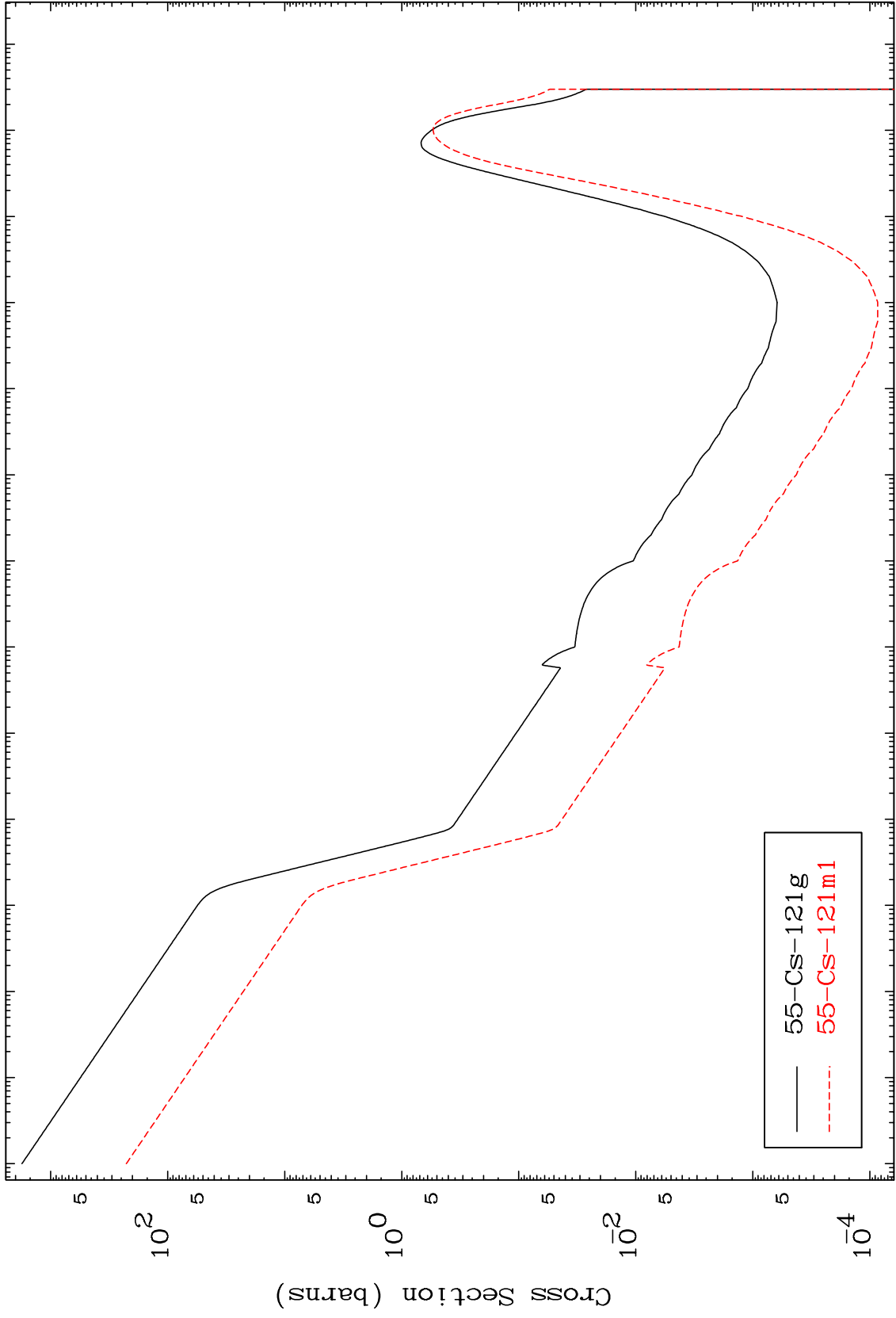
57-La-122

MAT 56777

(n,2p)

57-La-122

Radionuclide Production Cross Section



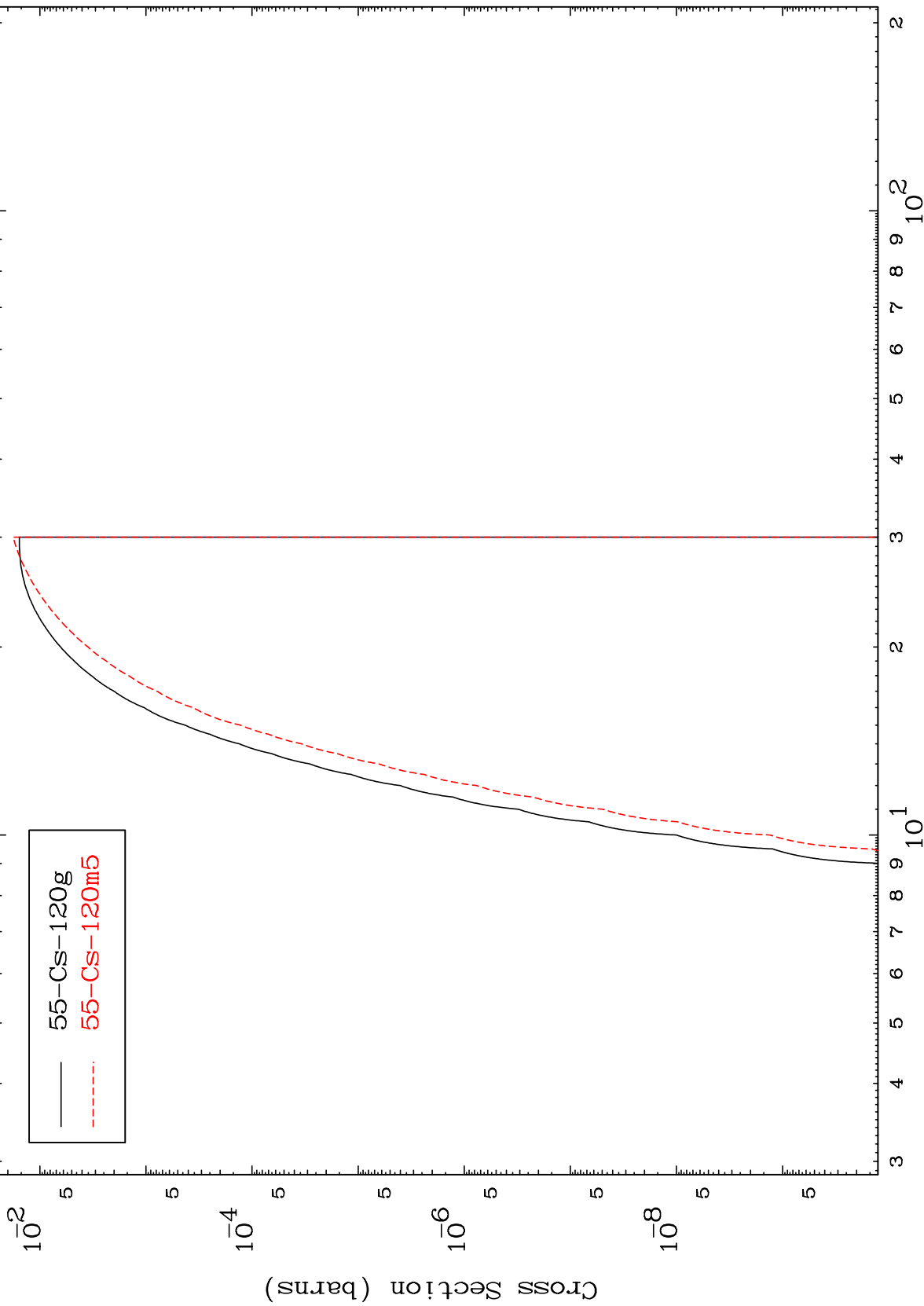
57-La-122

MAT 5677

(n,p) d

57-La-122

Radionuclide Production Cross Section



30

Incident Energy (MeV)

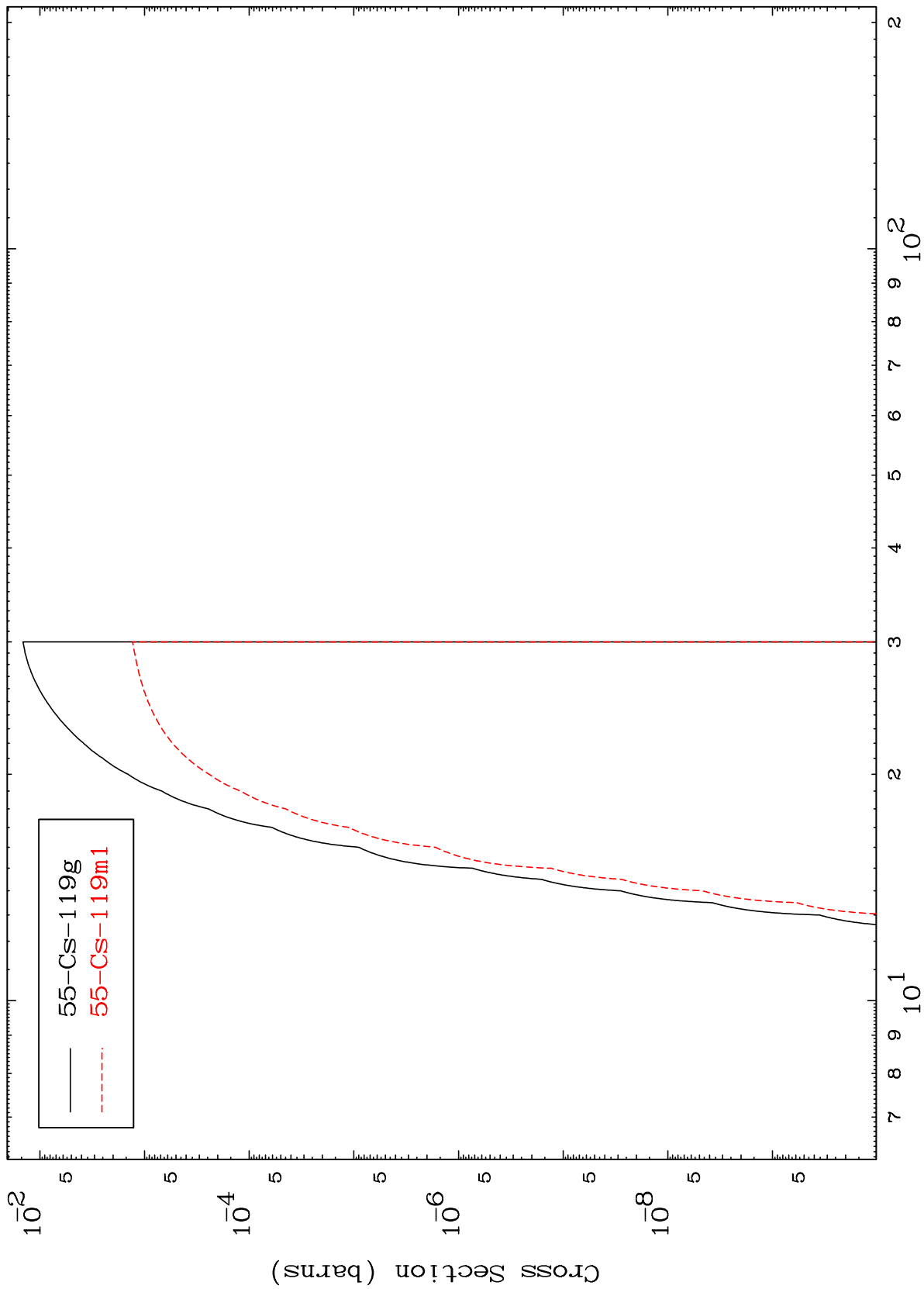
57-La-122

MAT 5677

(n,p) t

57-La-122

Radionuclide Production Cross Section



31

Incident Energy (MeV)

57-La-122