

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

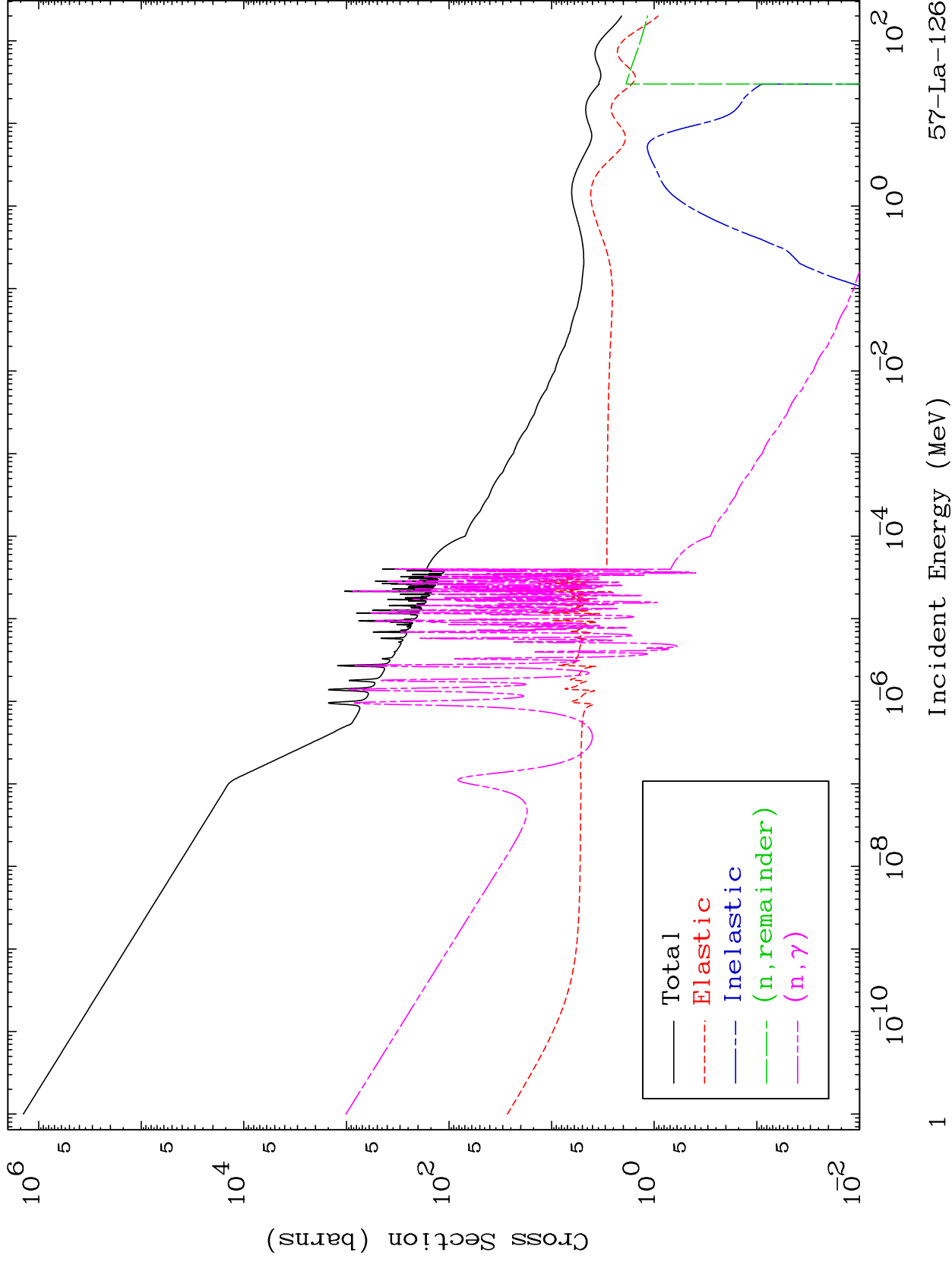
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5690

Major
293 Kelvin Cross Sections

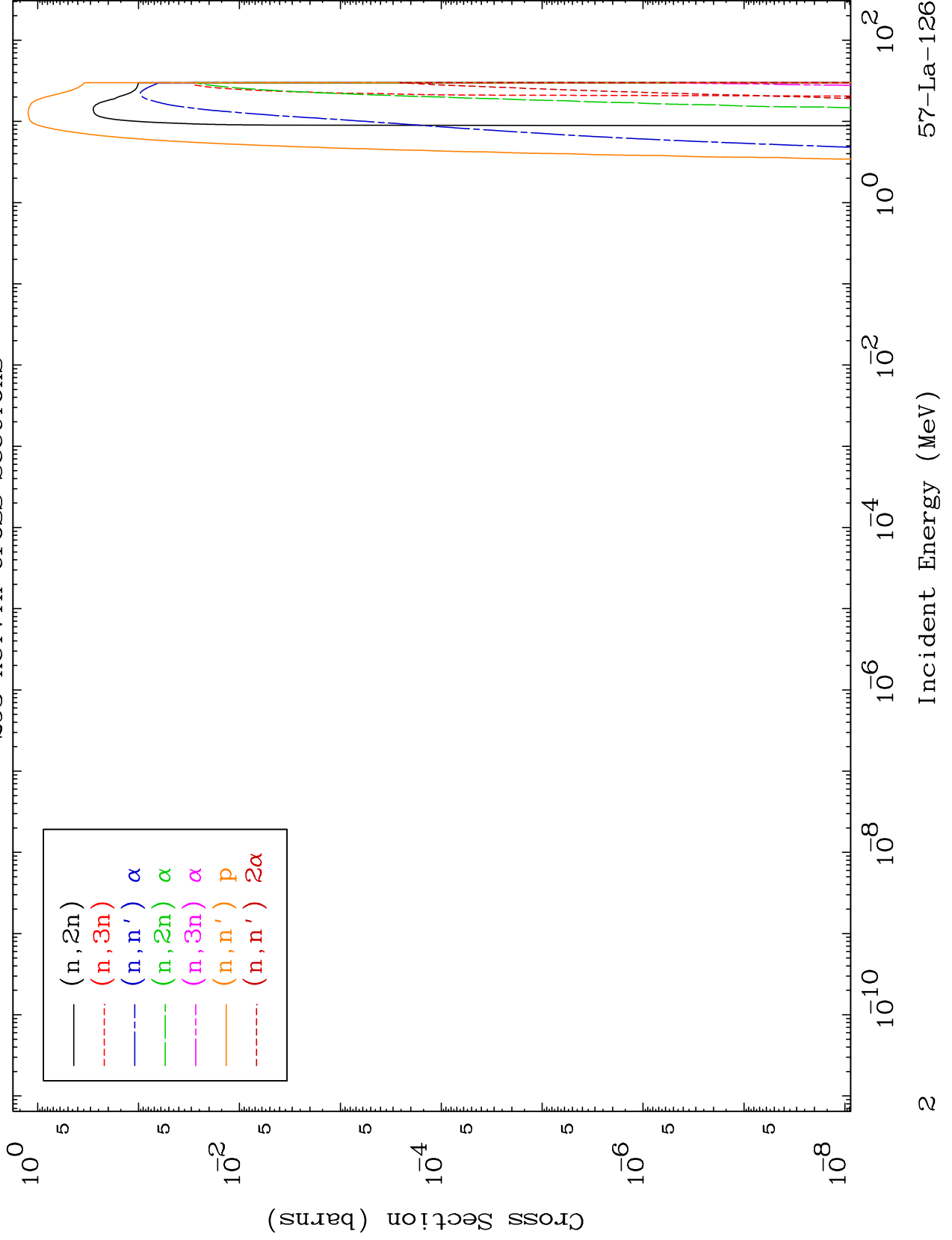
57-La-126

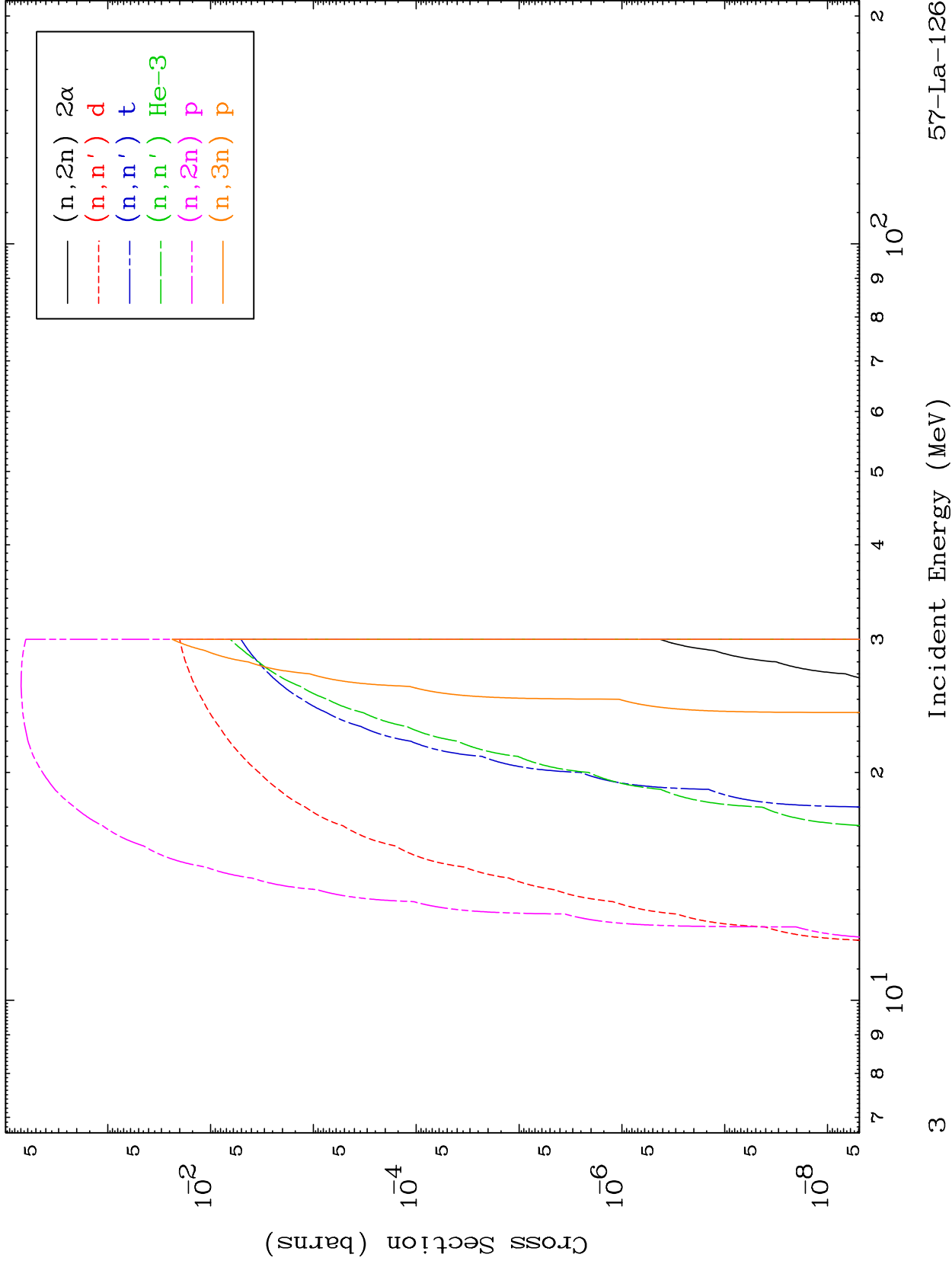


MAT 5690

Neutron Production
293 Kelvin Cross Sections

57-La-126

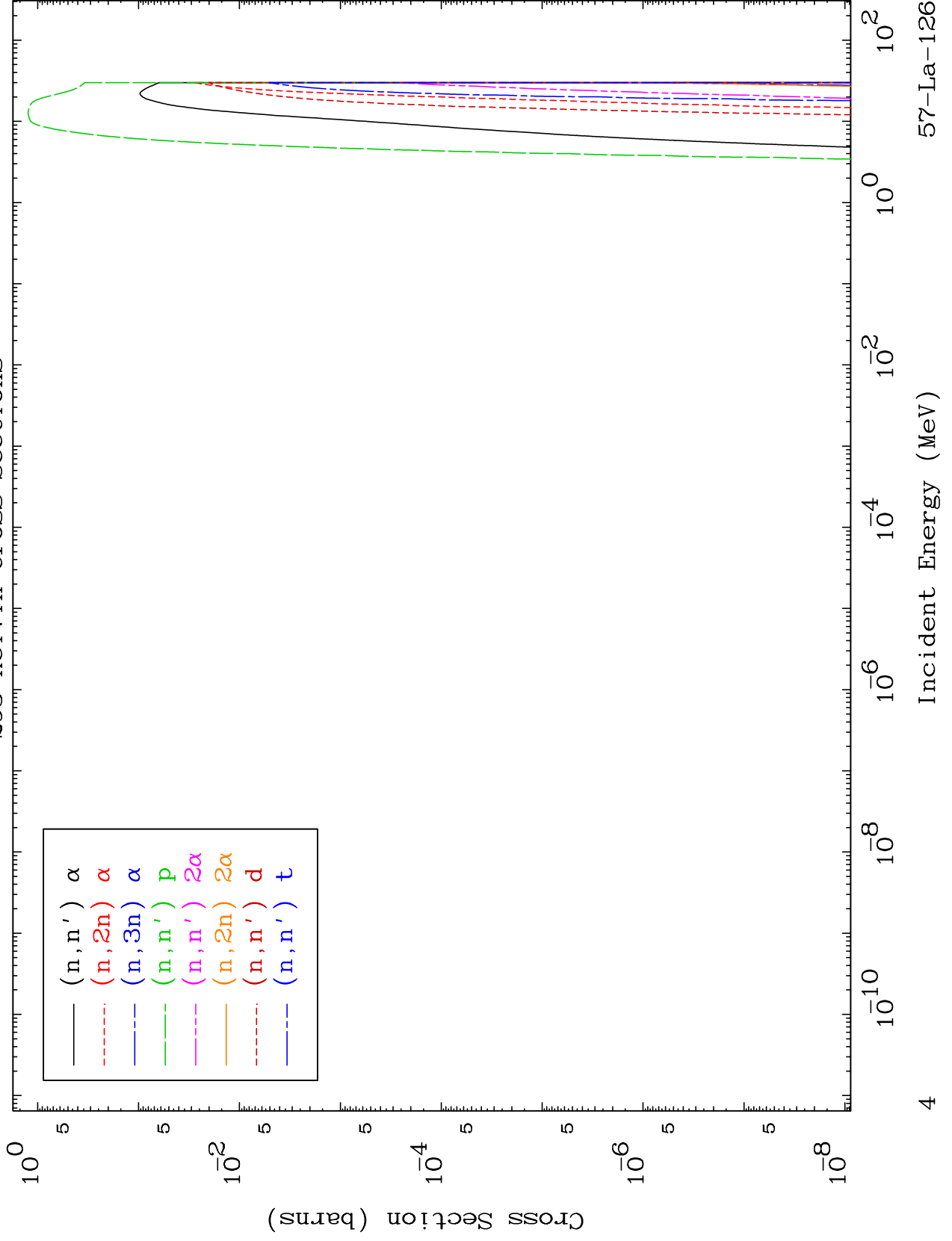


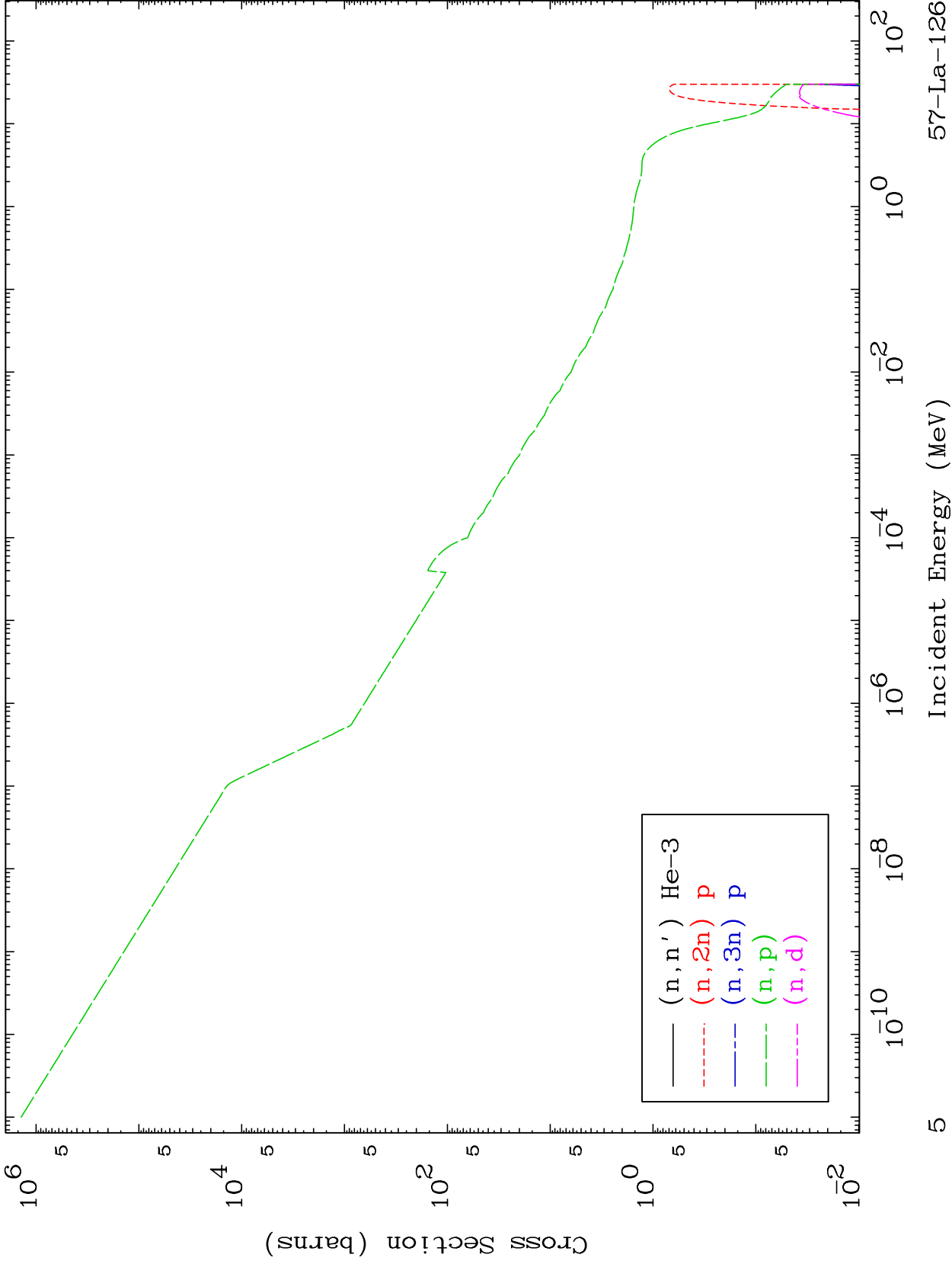


MAT 5690

Charged Particle
293 Kelvin Cross Sections

57-La-126

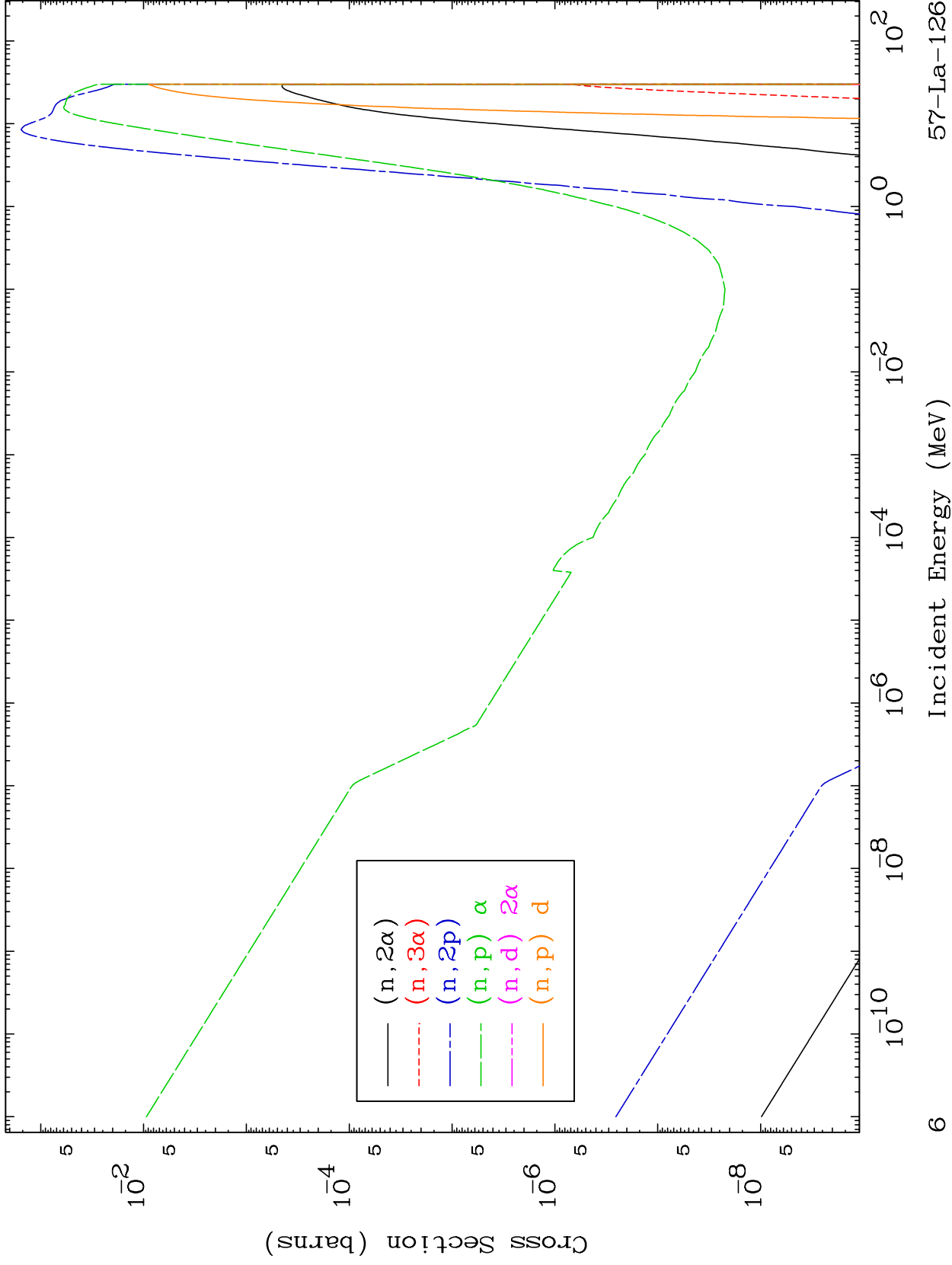


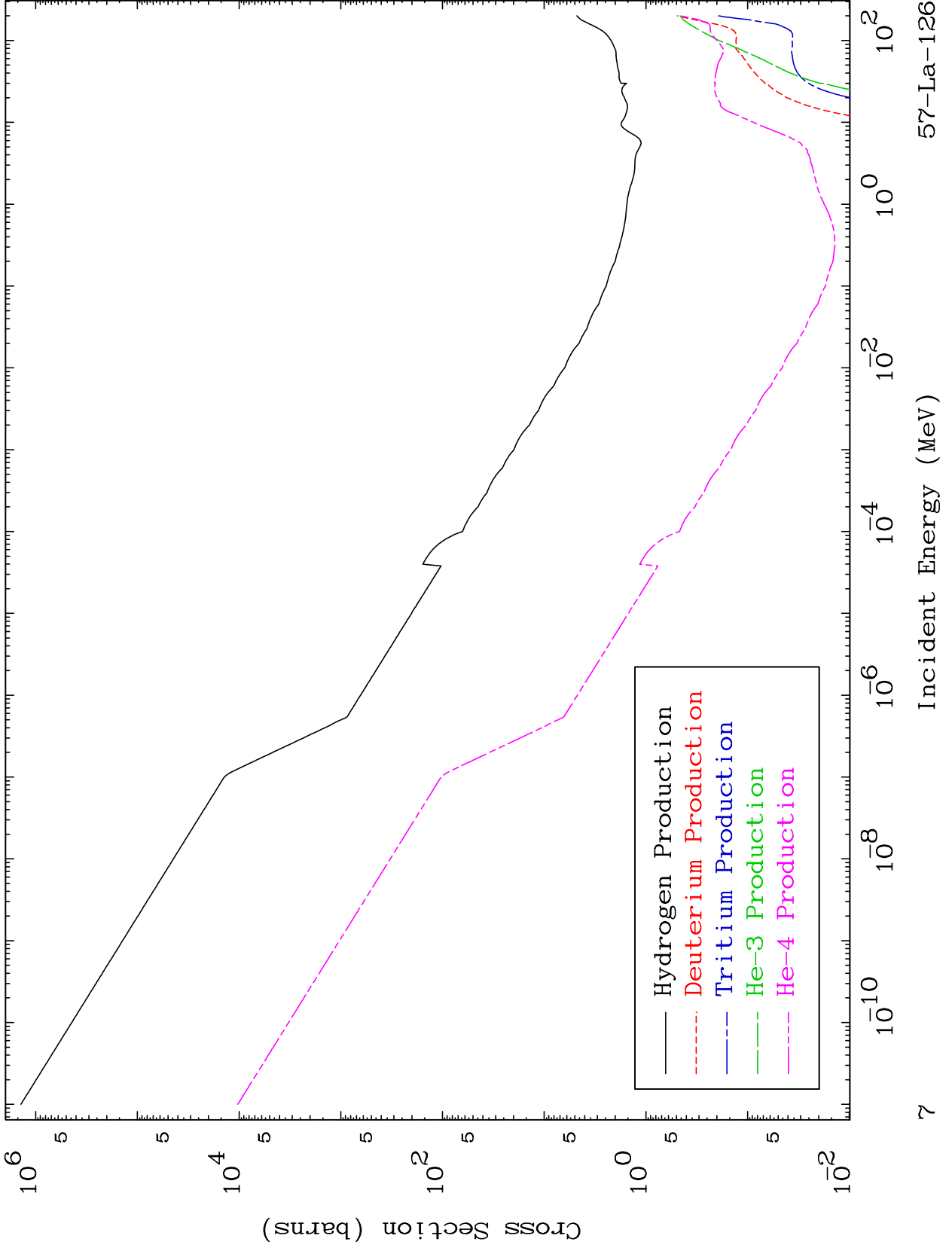


MAT 5690

Charged Particle
293 Kelvin Cross Sections

57-La-126

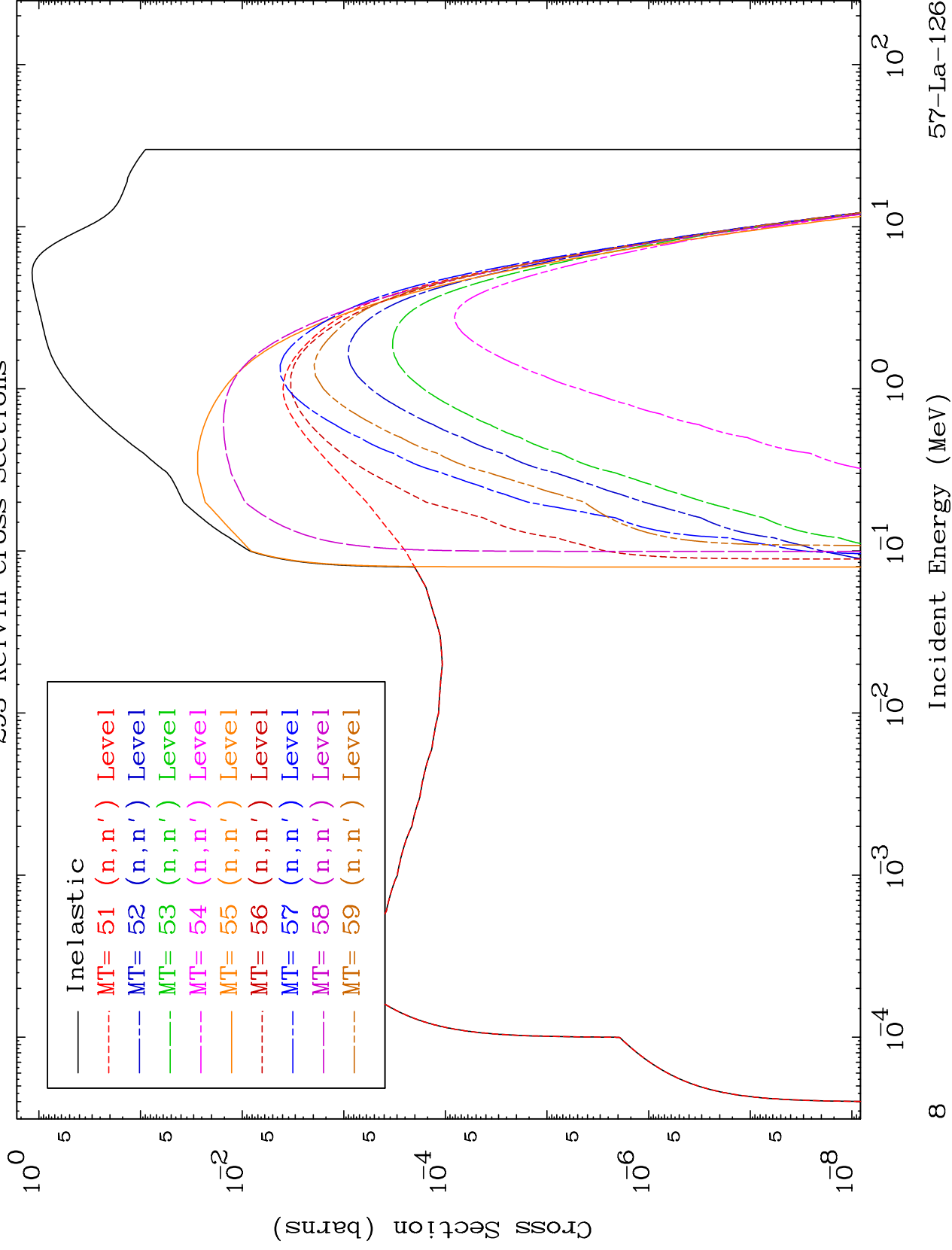




MAT 5690

293 Kelvin Cross Sections

57-La-126

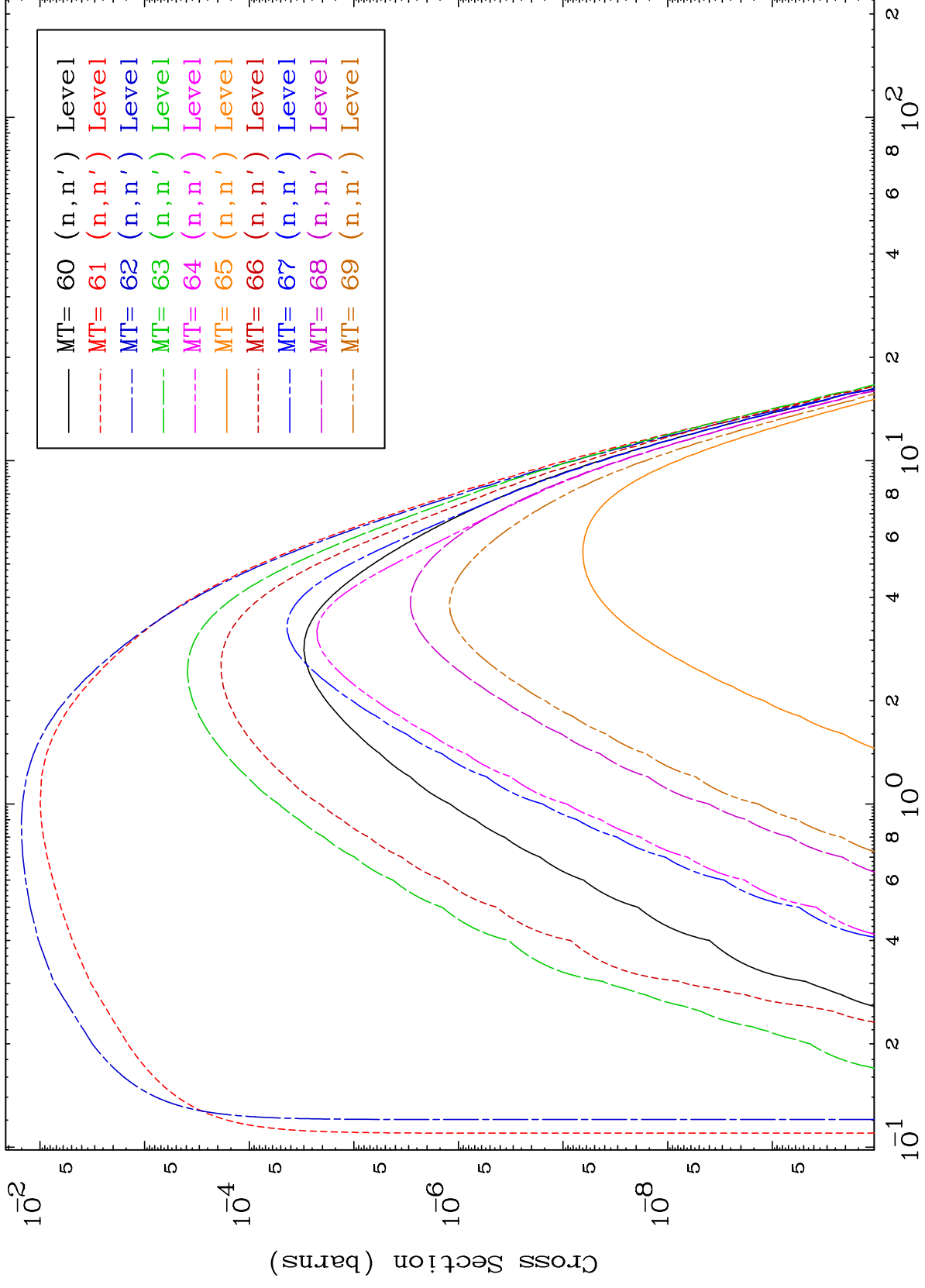


MAT 5690

(n,n') Level

293 Kelvin Cross Sections

57-La-126



Incident Energy (MeV)

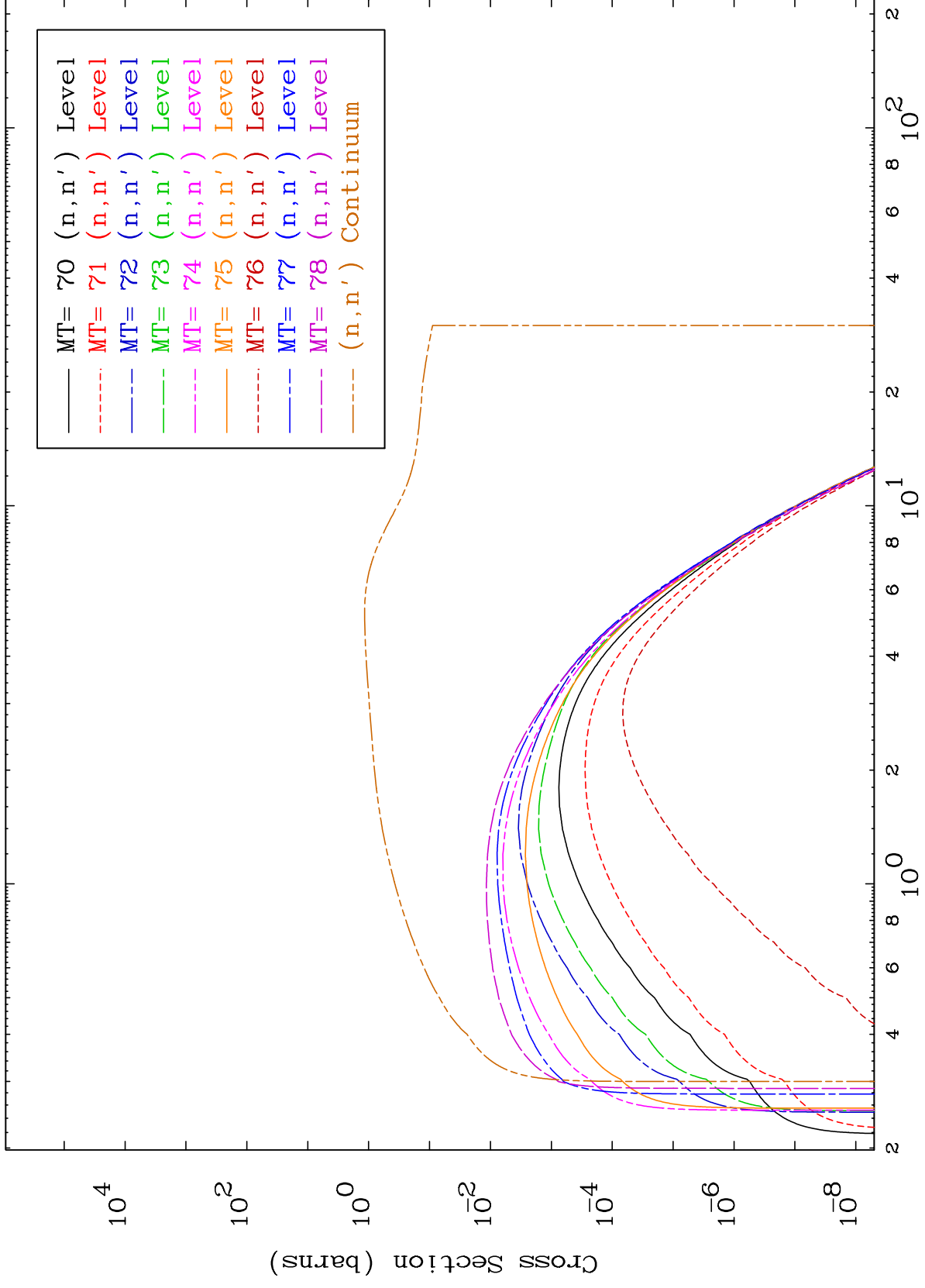
57-La-126

MAT 5690

(n,n') Level

293 Kelvin Cross Sections

57-La-126



10

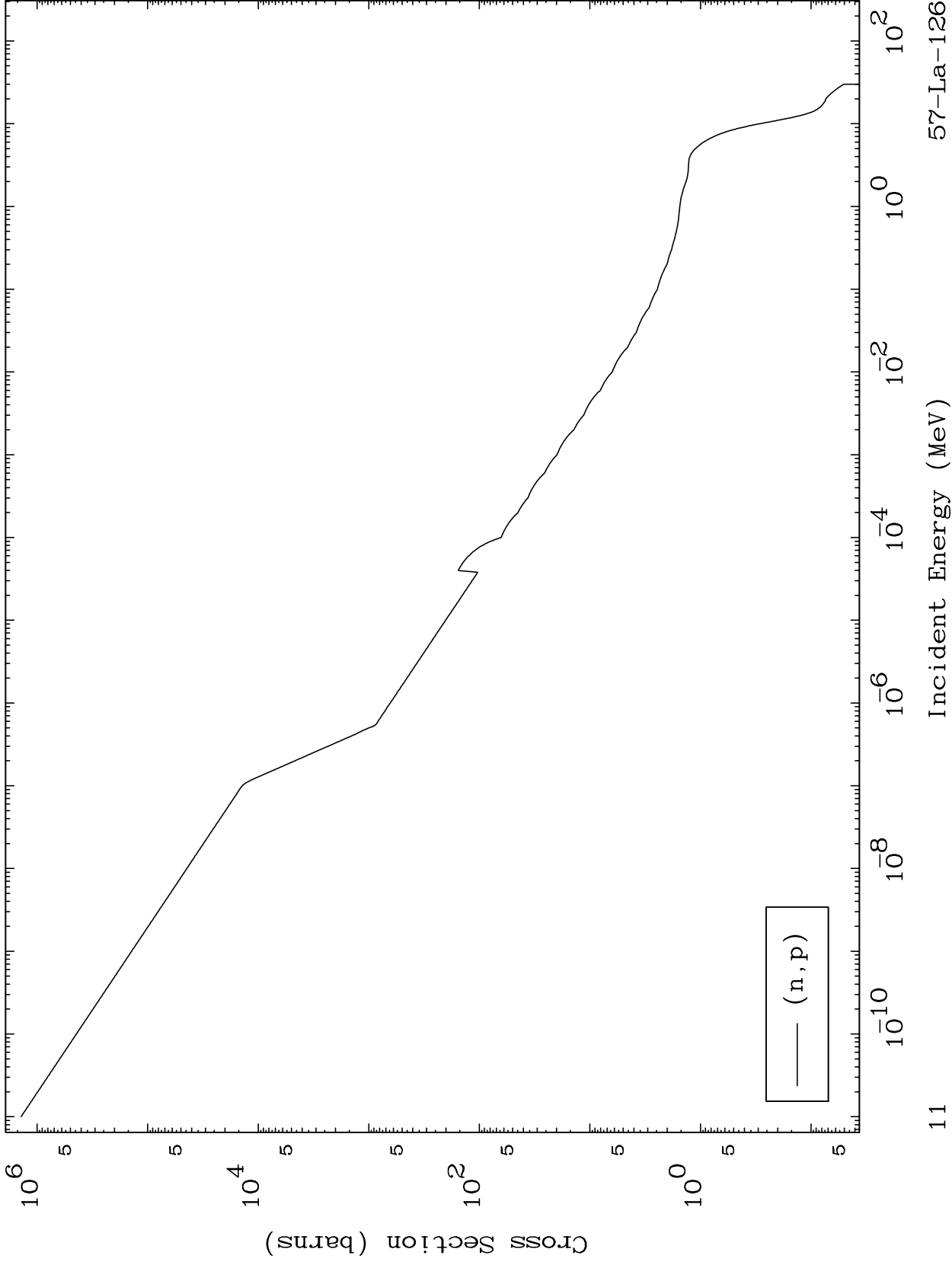
Incident Energy (MeV)

57-La-126

MAT 5690

(n,p) Levels
293 Kelvin Cross Sections

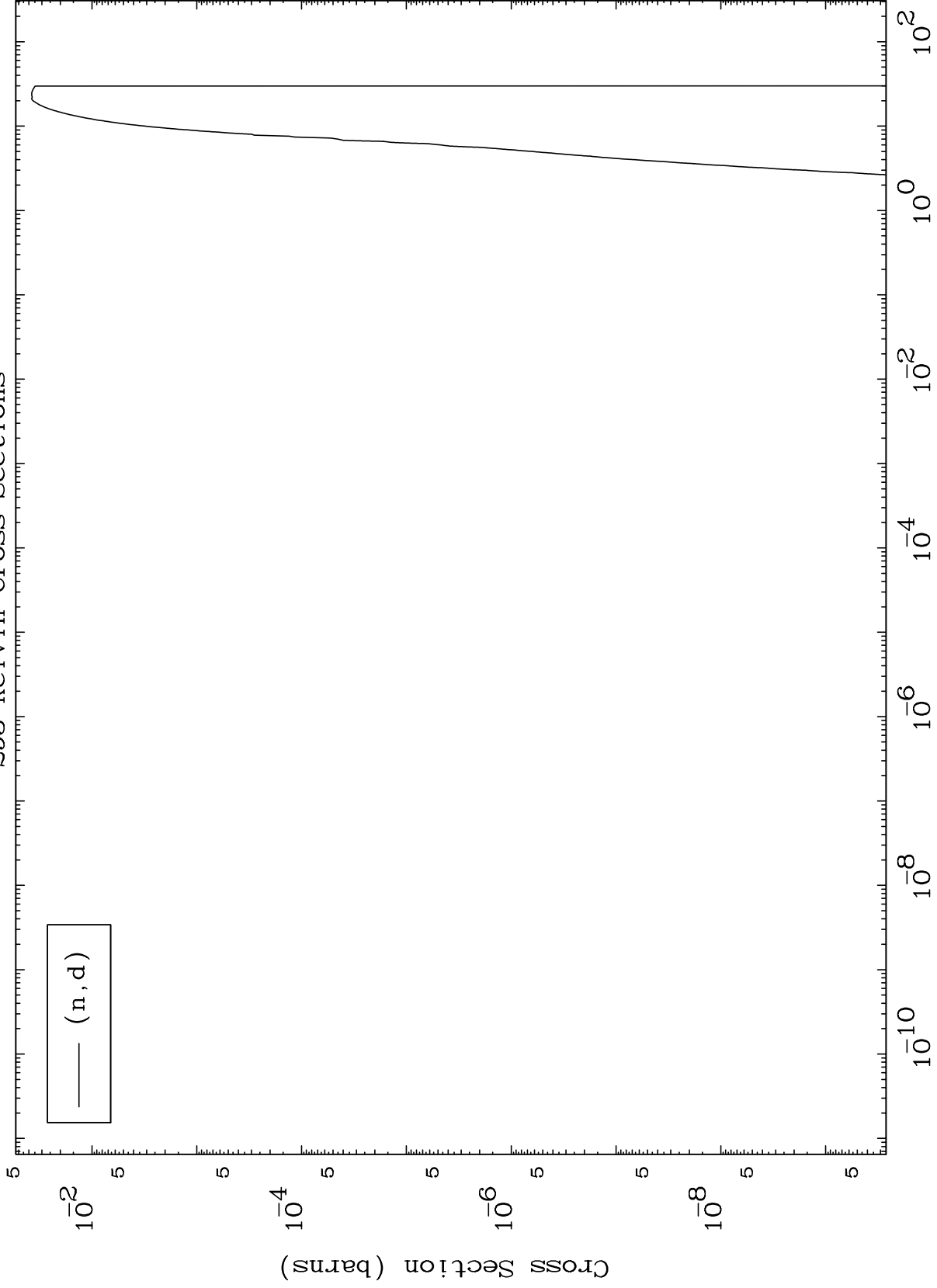
57-La-126



MAT 5690

(n,d) Levels
293 Kelvin Cross Sections

57-La-126



(n,d)

57-La-126

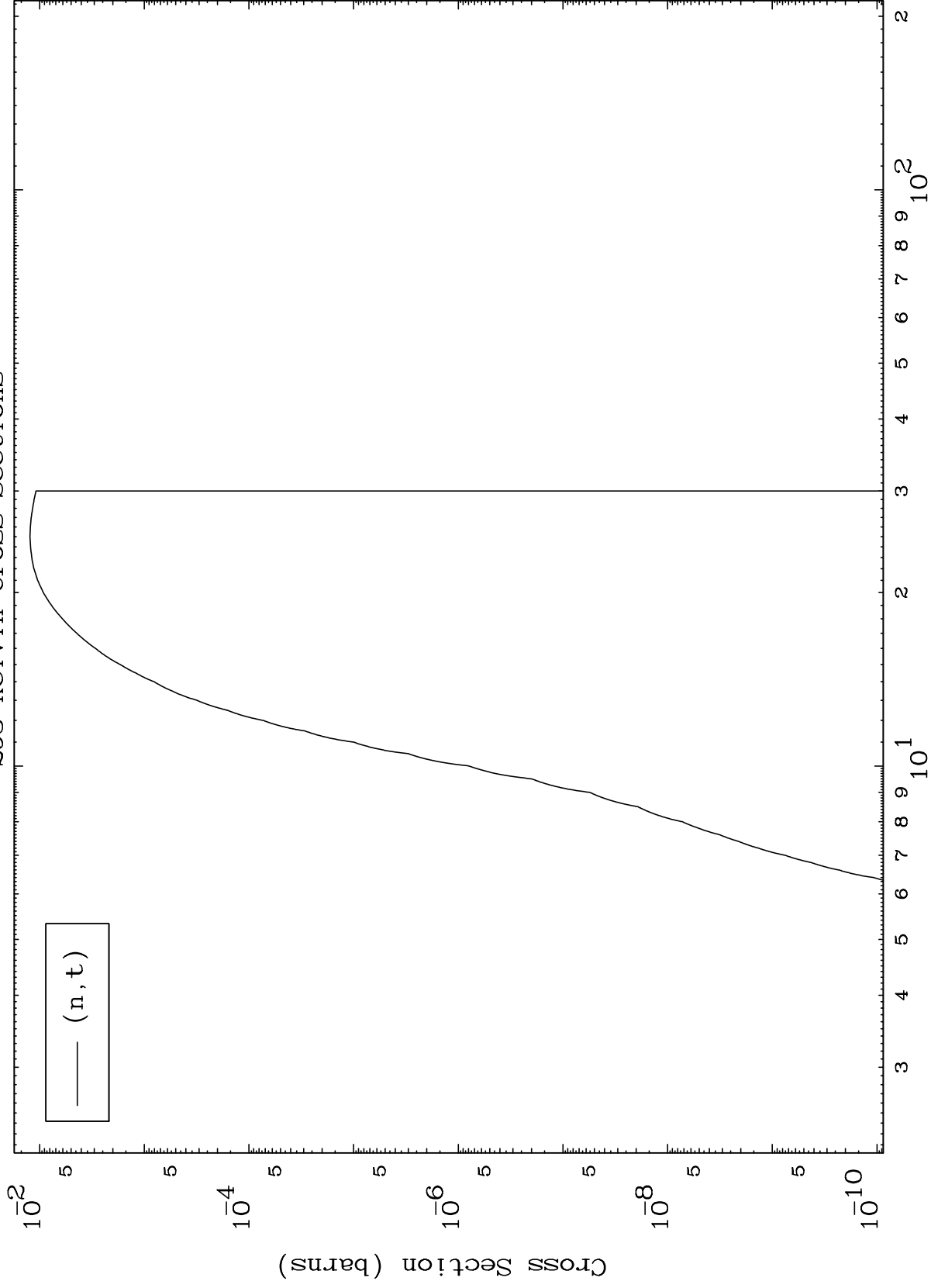
Incident Energy (MeV)

12

MAT 5690

(n,t) Levels
293 Kelvin Cross Sections

57-La-126



13

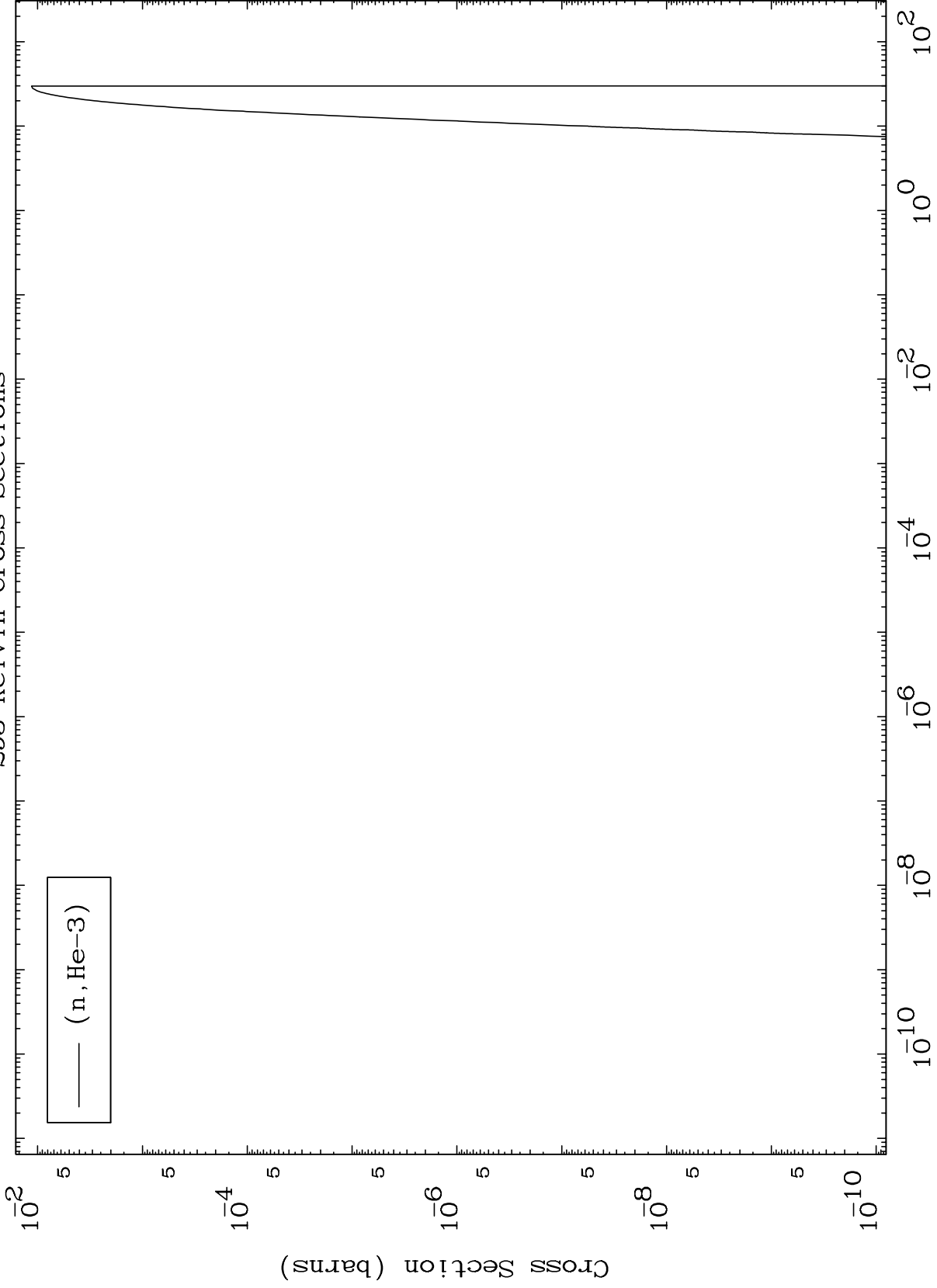
Incident Energy (MeV)

57-La-126

MAT 5690

(n,He3) Levels
293 Kelvin Cross Sections

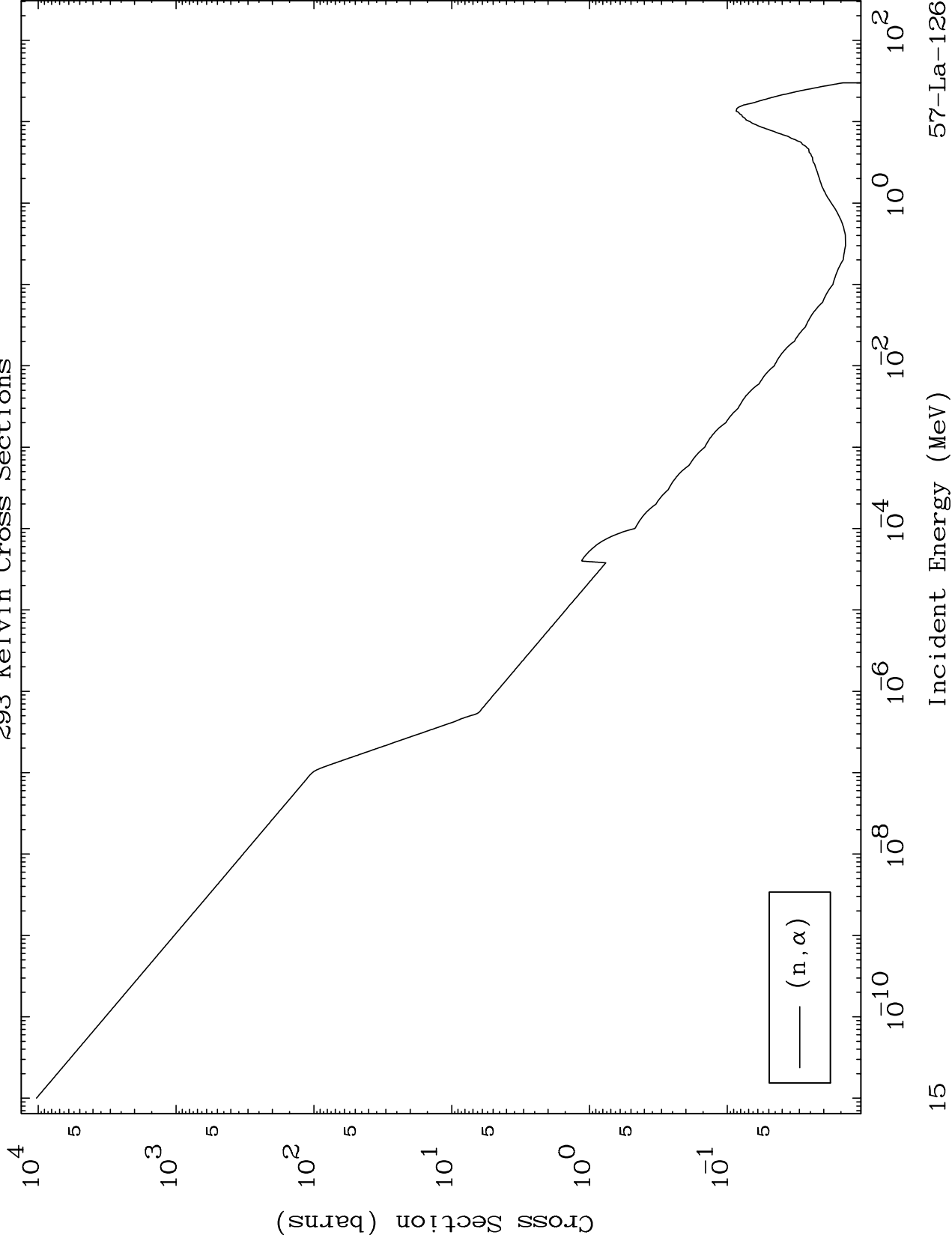
57-La-126



MAT 5690

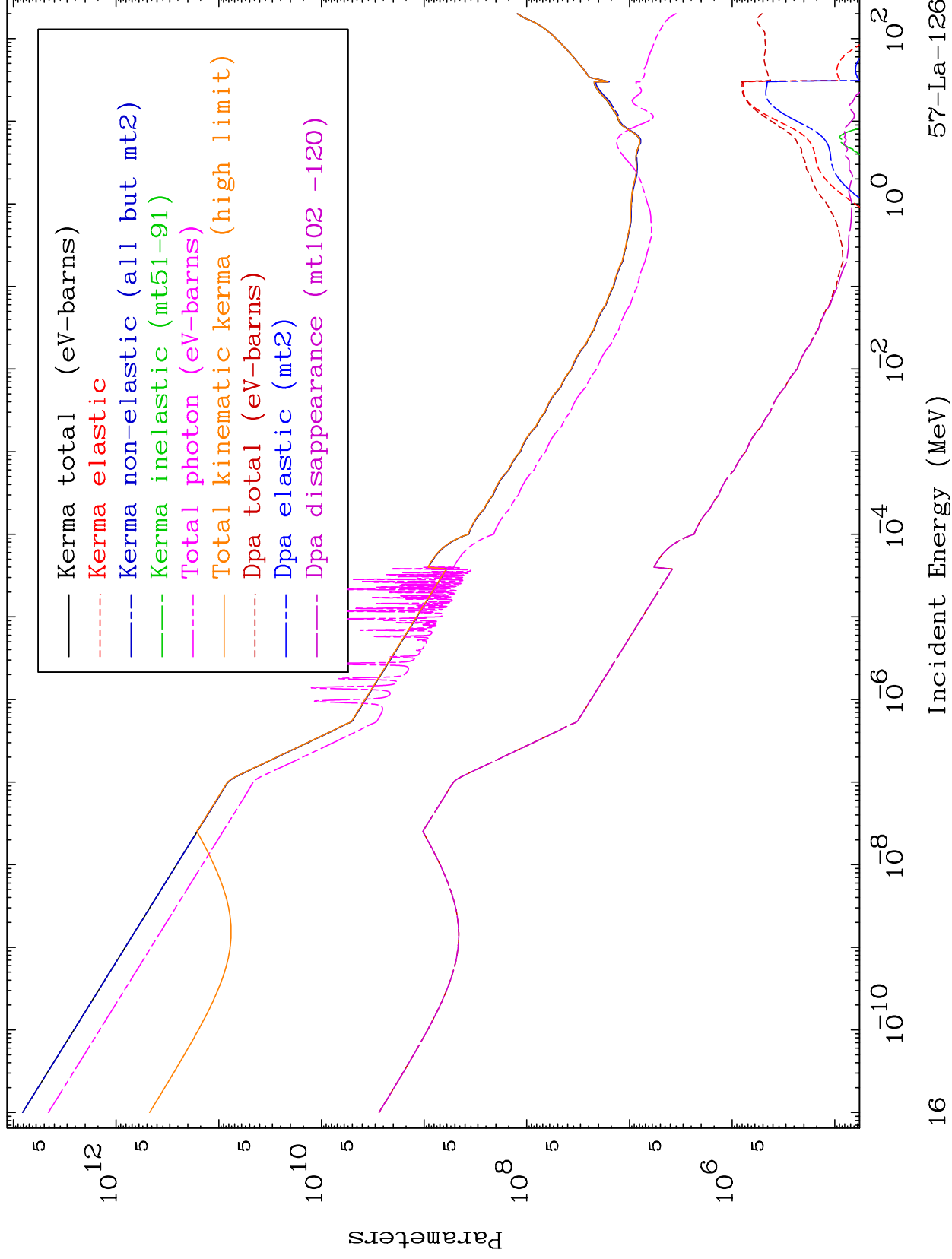
(n,α) Levels
293 Kelvin Cross Sections

57-La-126



15

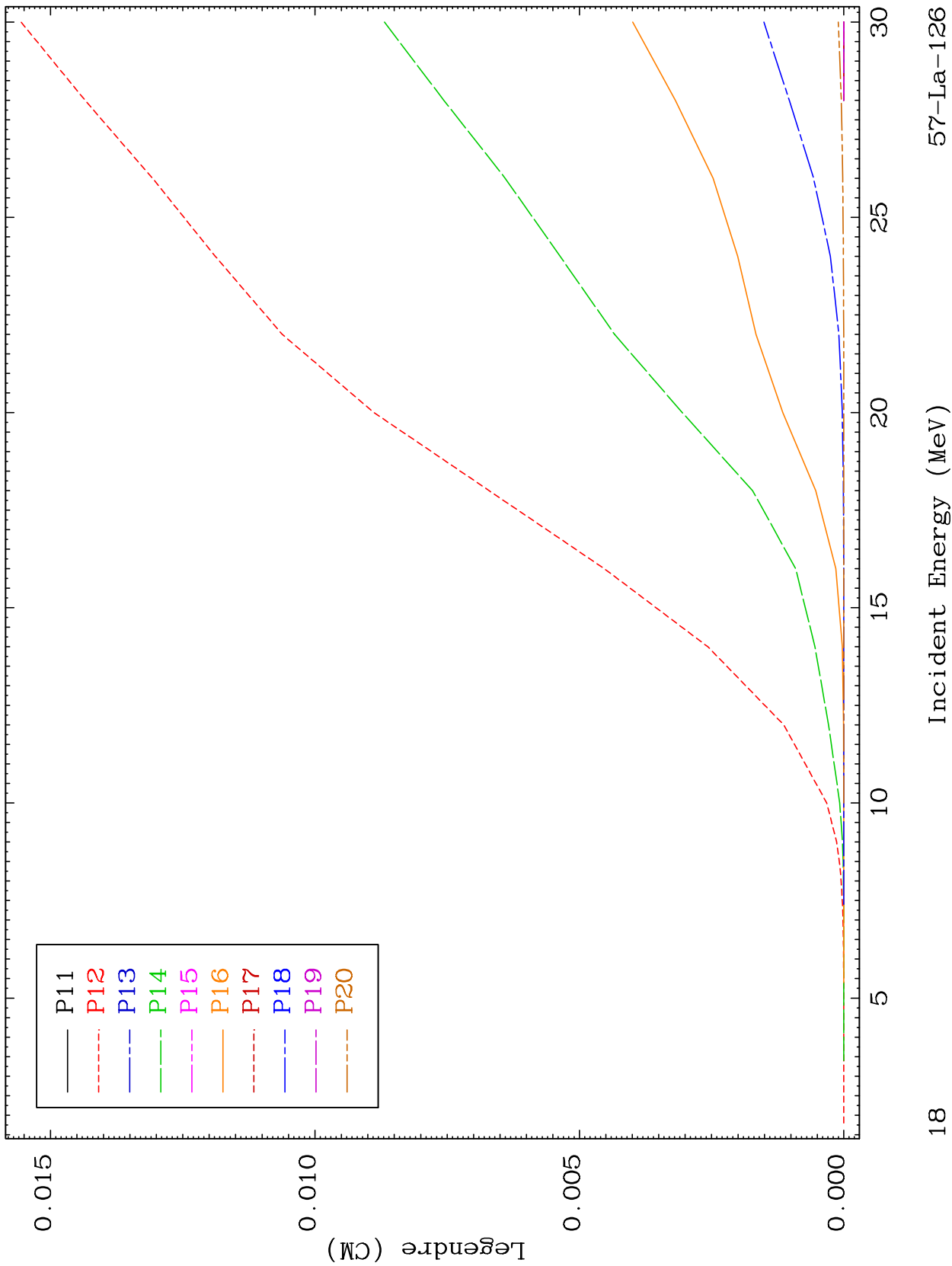
57-La-126



MAT 5690

Elastic Legendre Coefficients

57-La-126



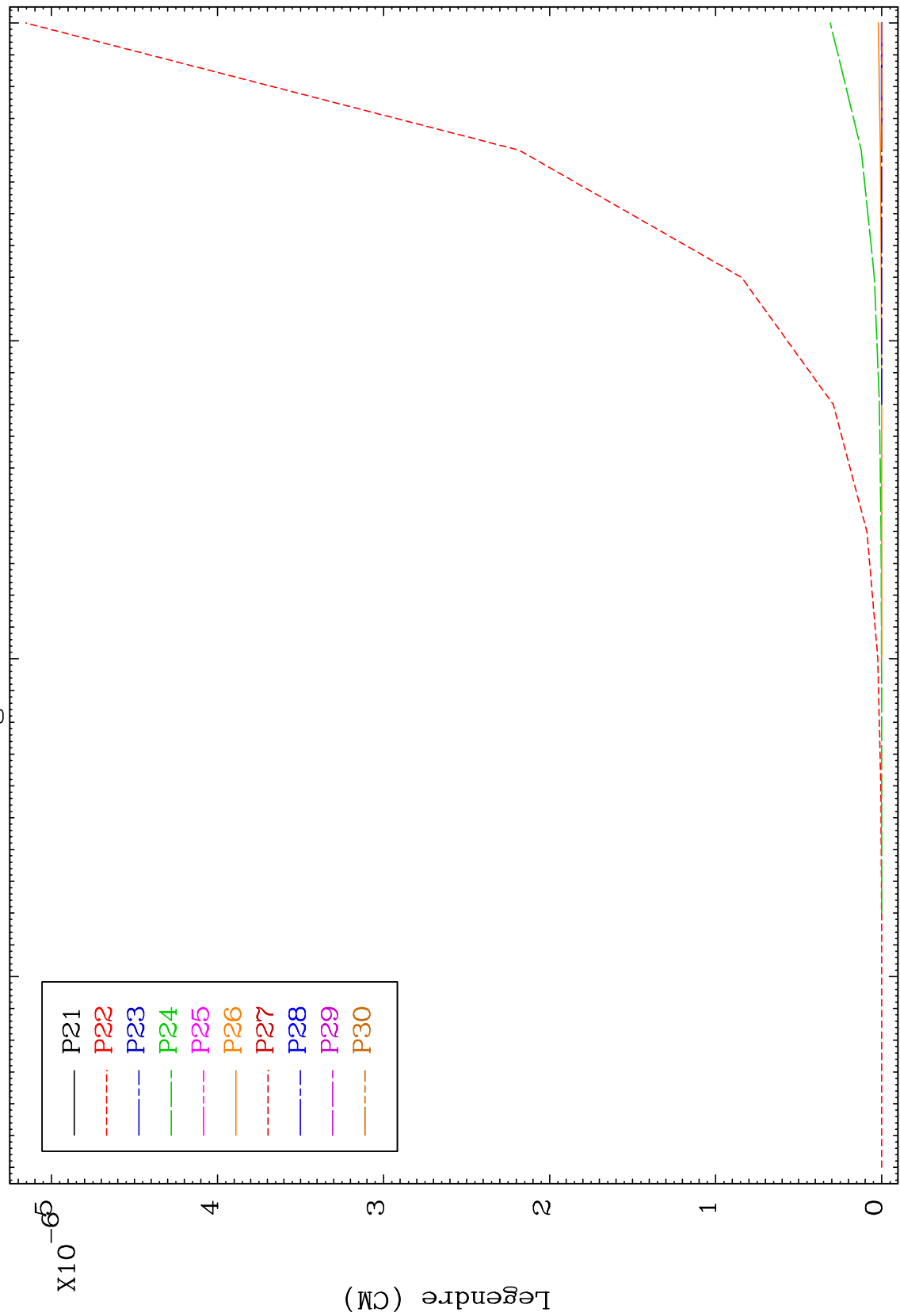
18

57-La-126

MAT 5690

Elastic
Legendre Coefficients

57-La-126



19

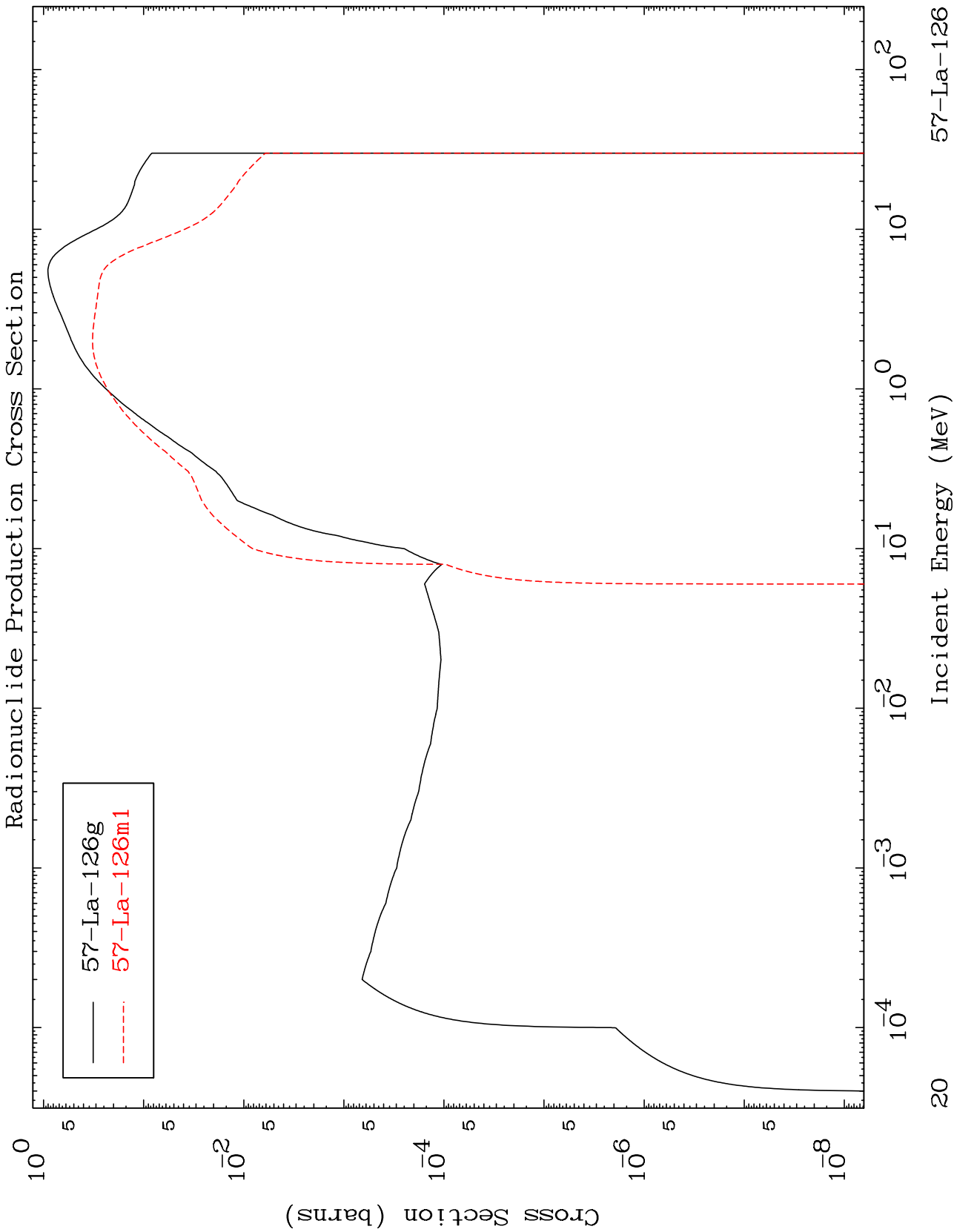
Incident Energy (MeV)

57-La-126

MAT 5690

57-La-126

Inelastic
Radionuclide Production Cross Section

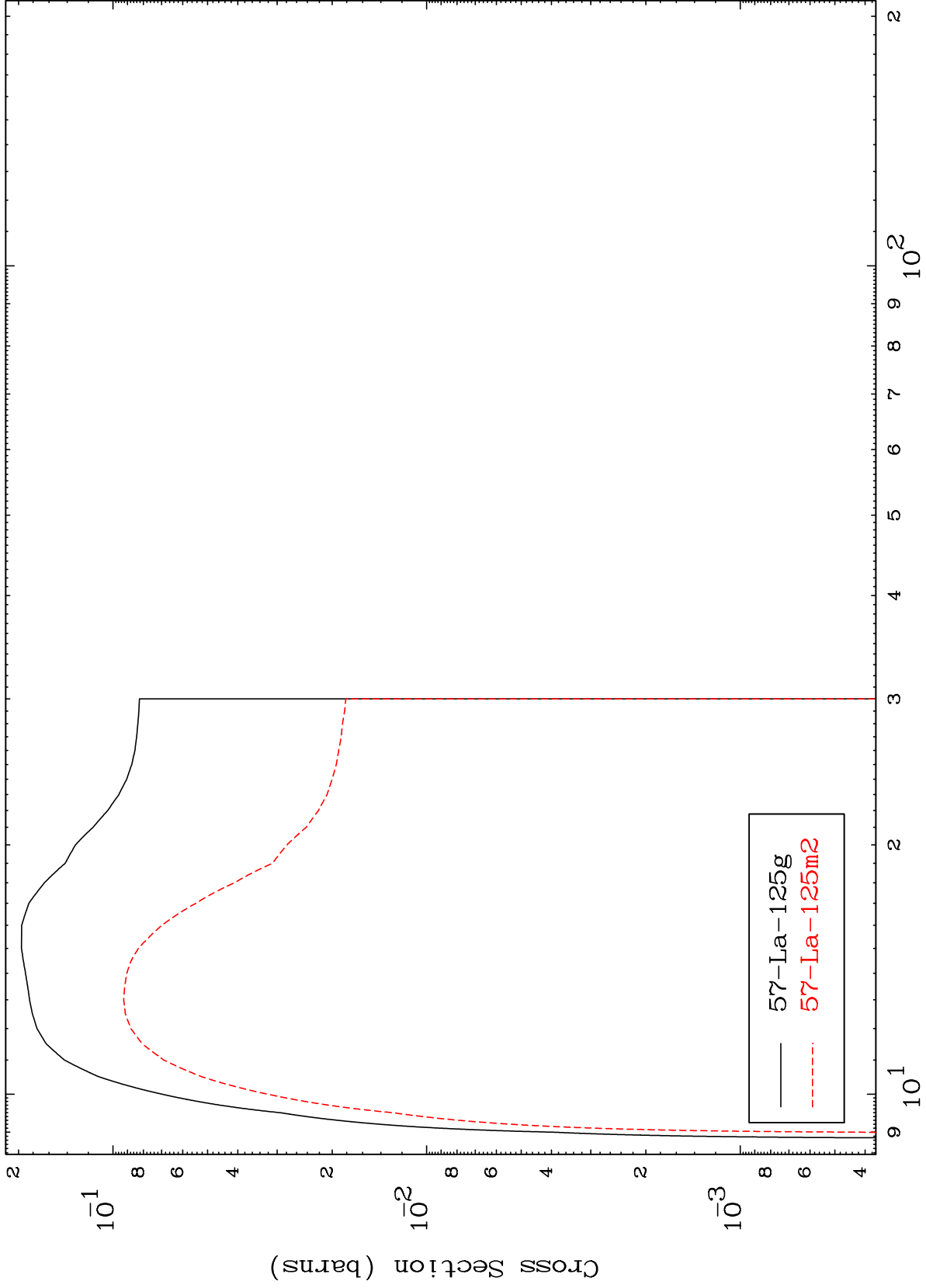


MAT 5690

(n,2n)

57-La-126

Radionuclide Production Cross Section



Incident Energy (MeV)

57-La-126

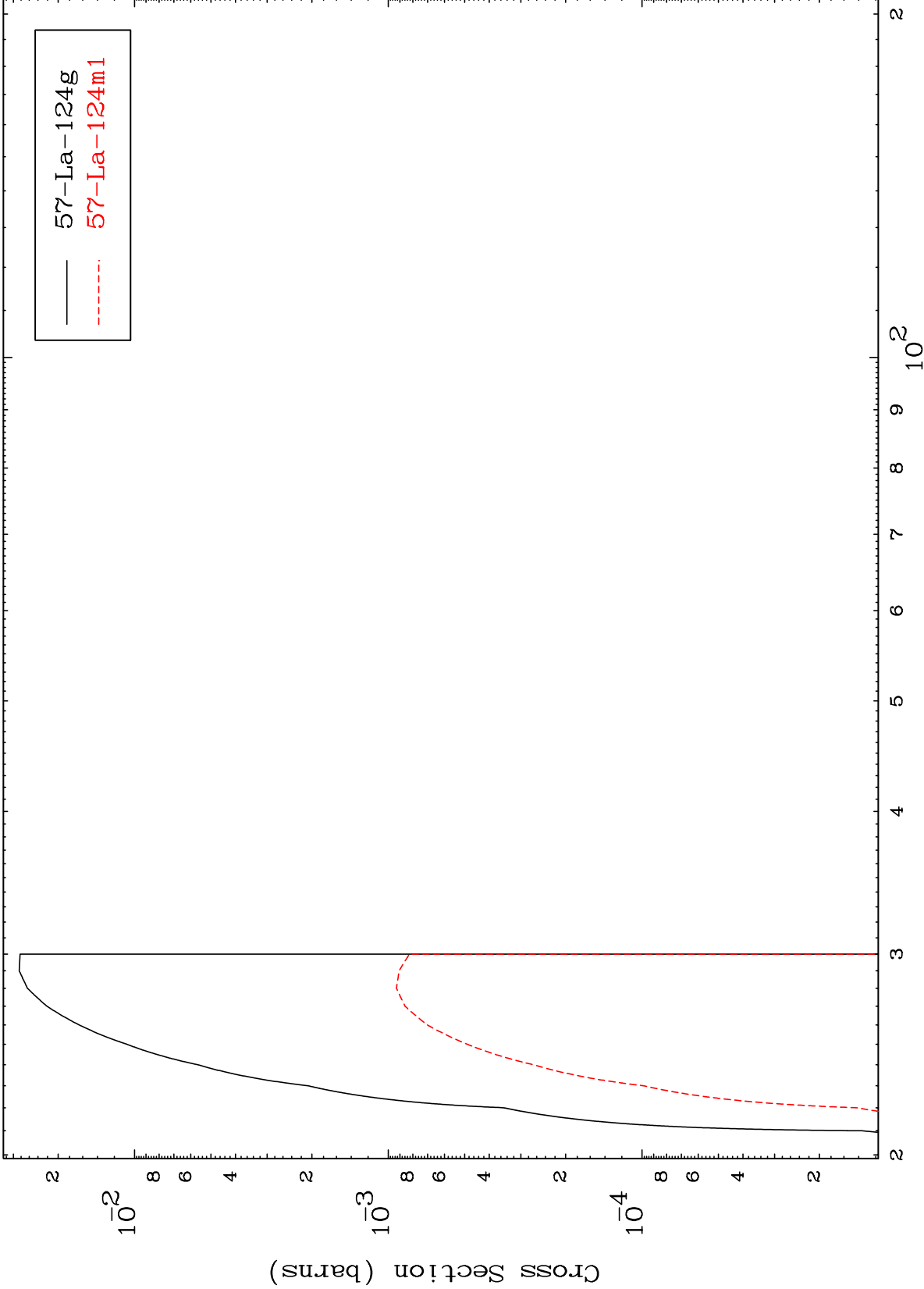
21

MAT 5690

(n,3n)

57-La-126

Radionuclide Production Cross Section



57-La-124g
57-La-124m1

Incident Energy (MeV)

57-La-126

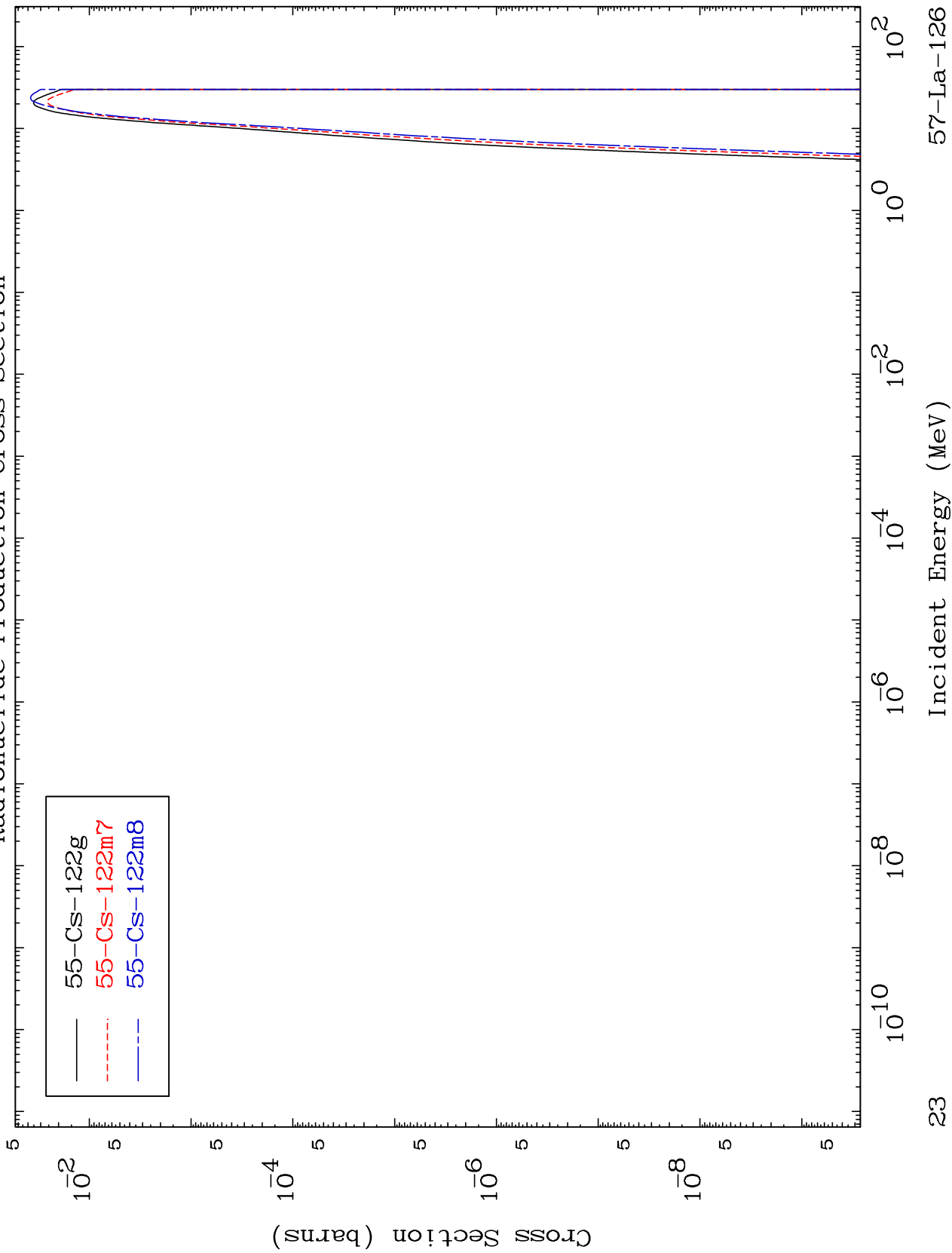
22

MAT 5690

(n, n') α

57-La-126

Radionuclide Production Cross Section

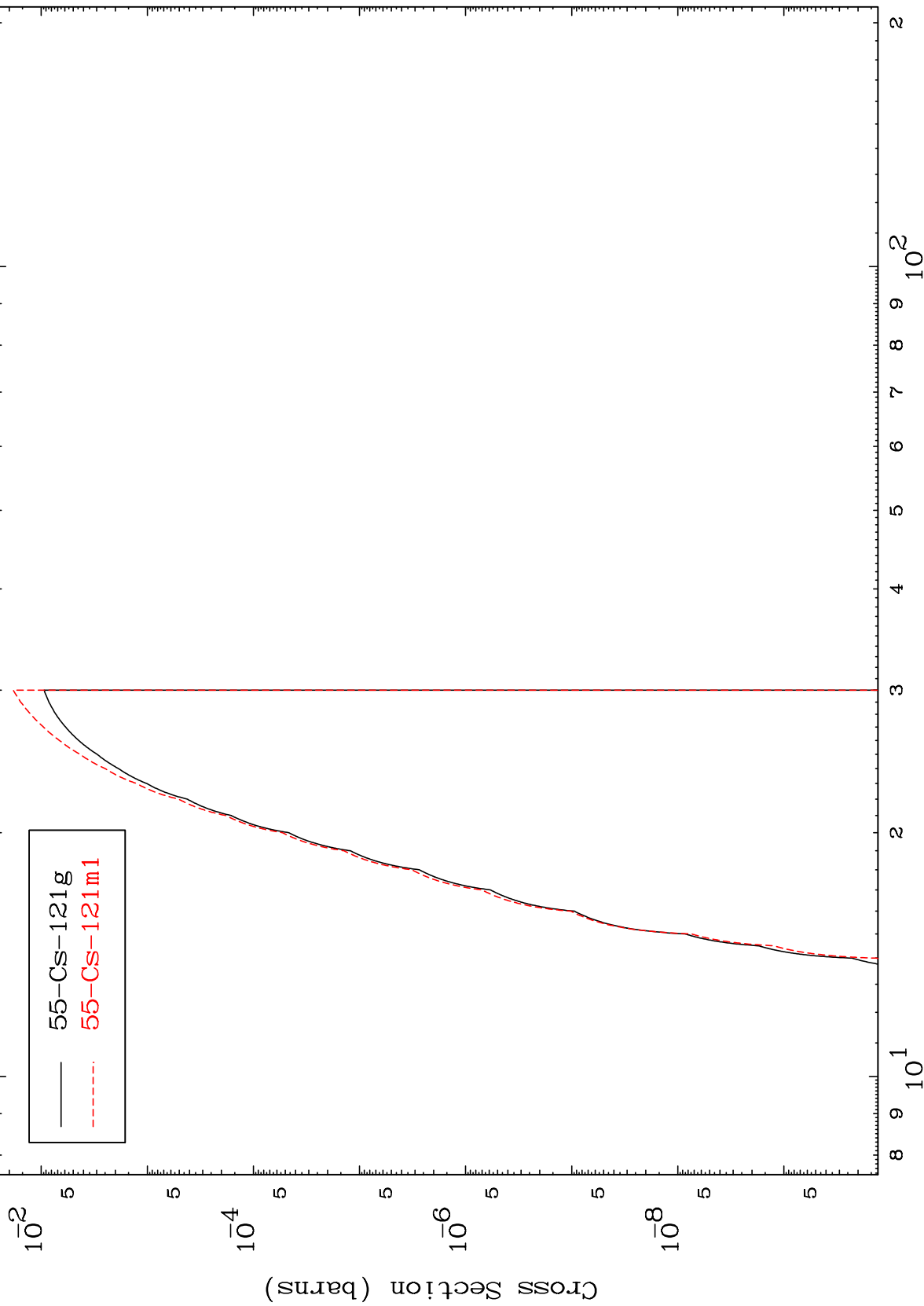


MAT 5690

(n,2n) α

57-La-126

Radionuclide Production Cross Section



Incident Energy (MeV)

57-La-126

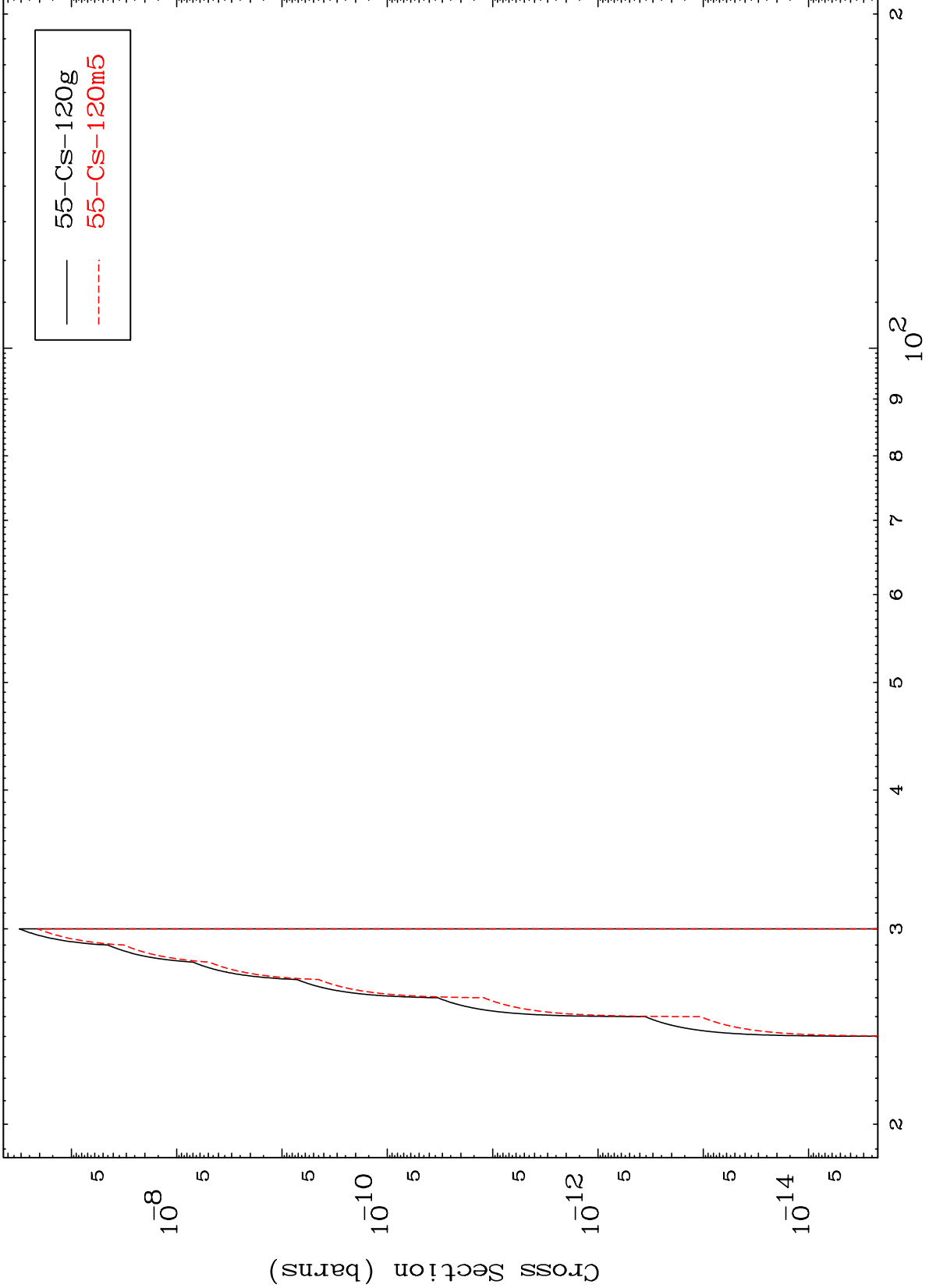
24

MAT 5690

(n,3n) α

57-La-126

Radionuclide Production Cross Section



25

Incident Energy (MeV)

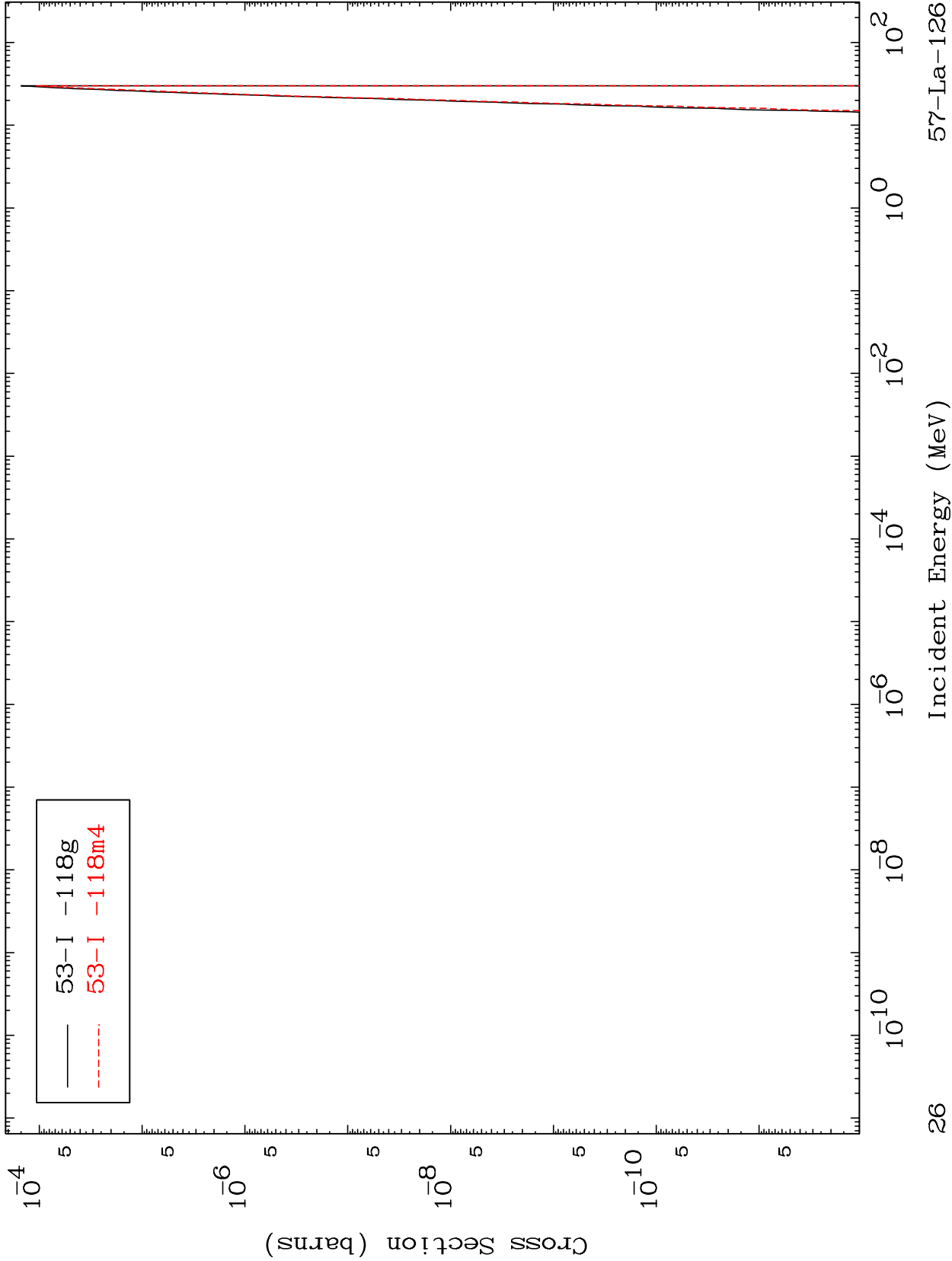
57-La-126

MAT 5690

(n,n') 2 α

57-La-126

Radionuclide Production Cross Section

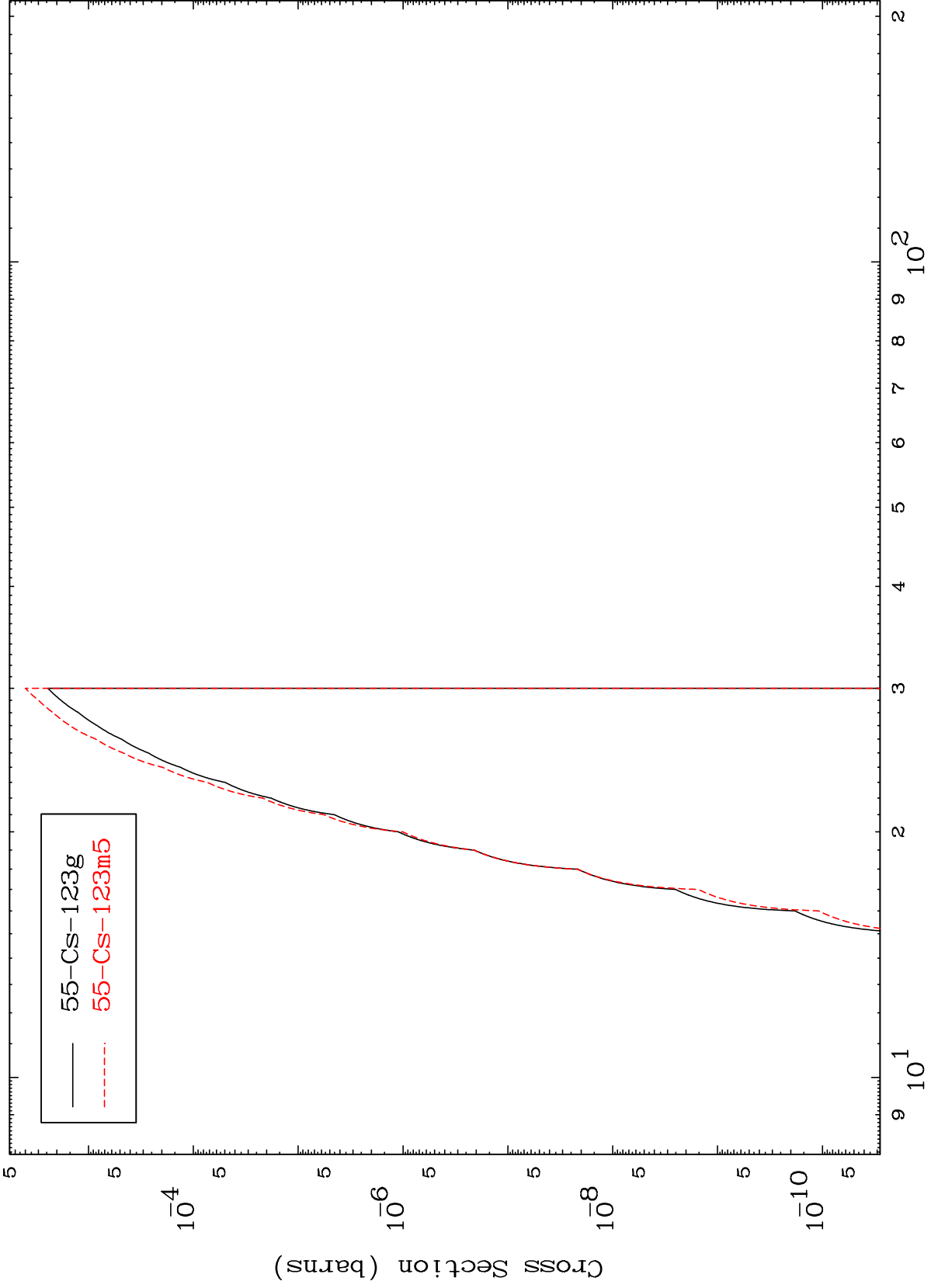


MAT 5690

(n,n') He-3

57-La-126

Radionuclide Production Cross Section



27

Incident Energy (MeV)

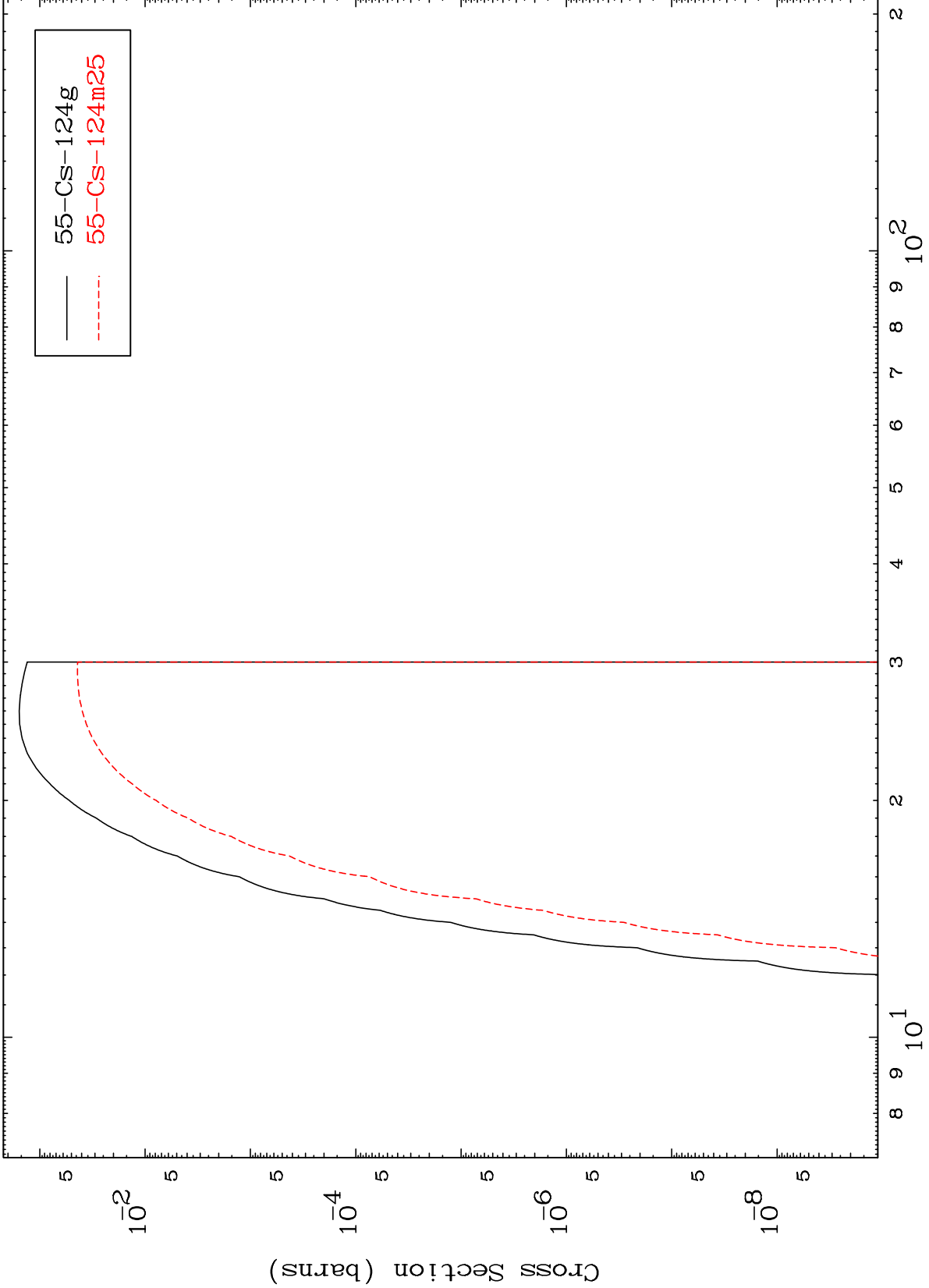
57-La-126

MAT 5690

(n,2n) p

57-La-126

Radionuclide Production Cross Section



55-Cs-124g
55-Cs-124m25

28

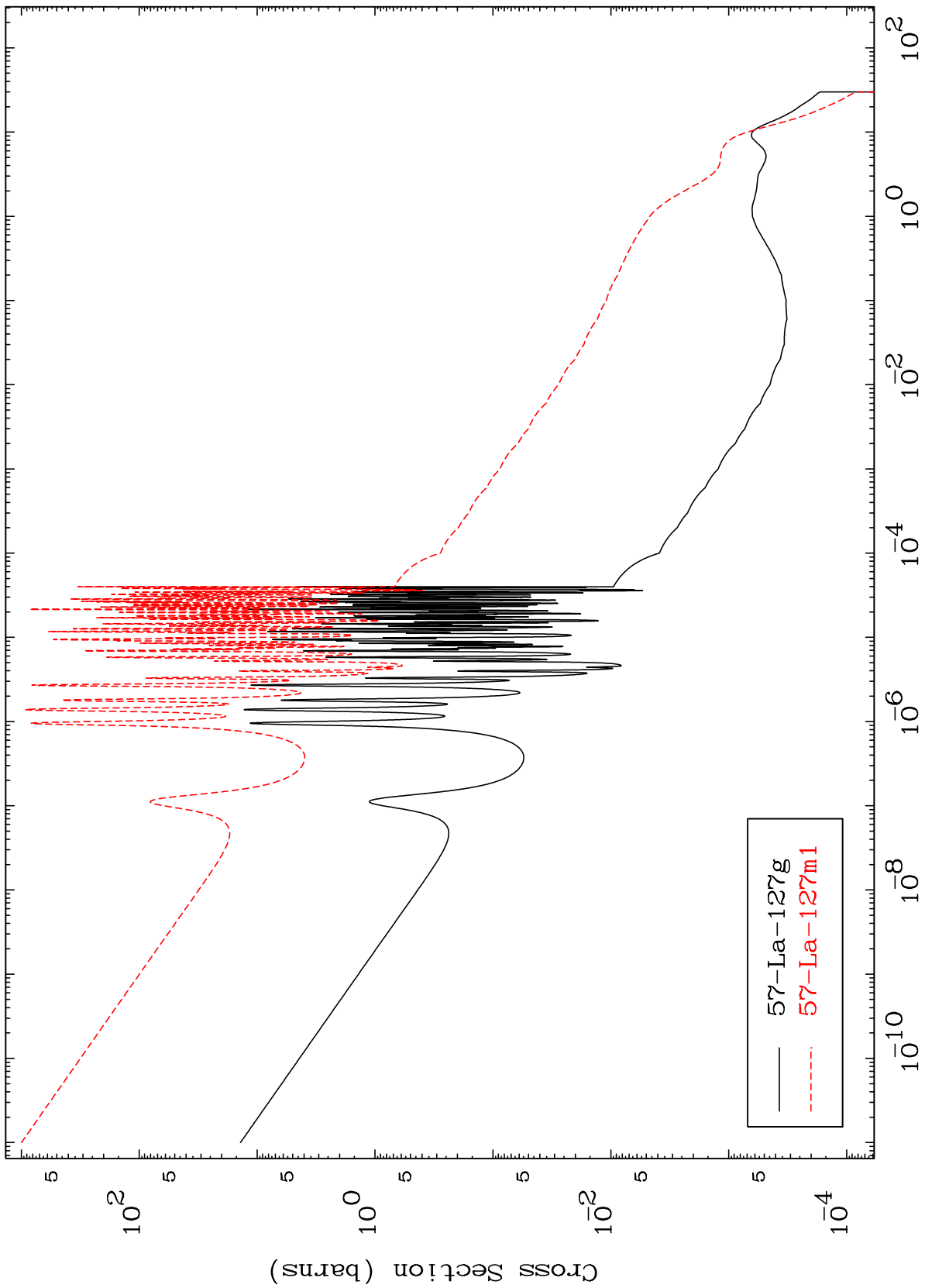
Incident Energy (MeV)

57-La-126

MAT 5690

57-La-126

Radionuclide Production Cross Section (n,γ)



57-La-126

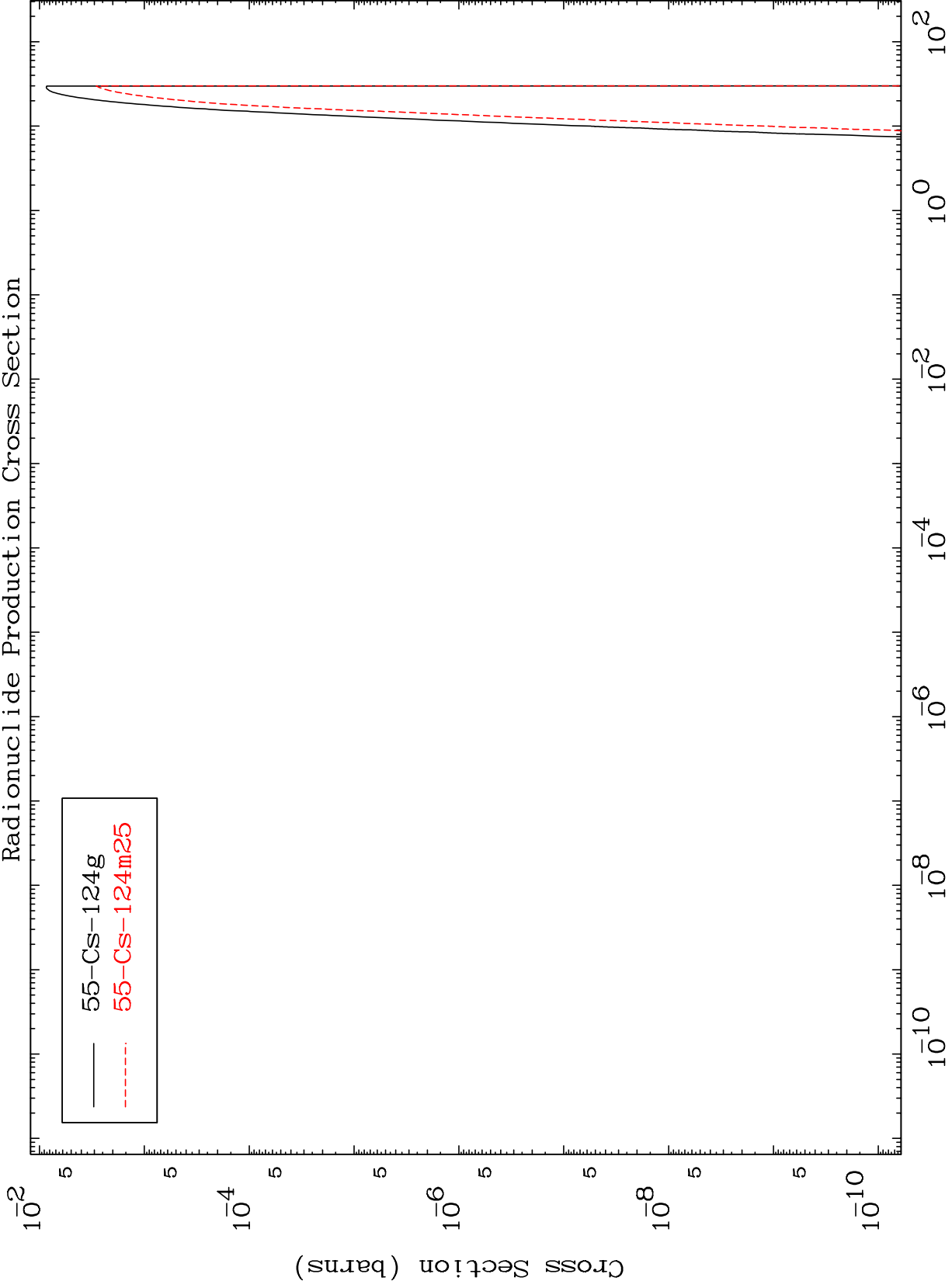
Incident Energy (MeV)

MAT 5690

(n,He-3)

57-La-126

Radionuclide Production Cross Section



30

Incident Energy (MeV)

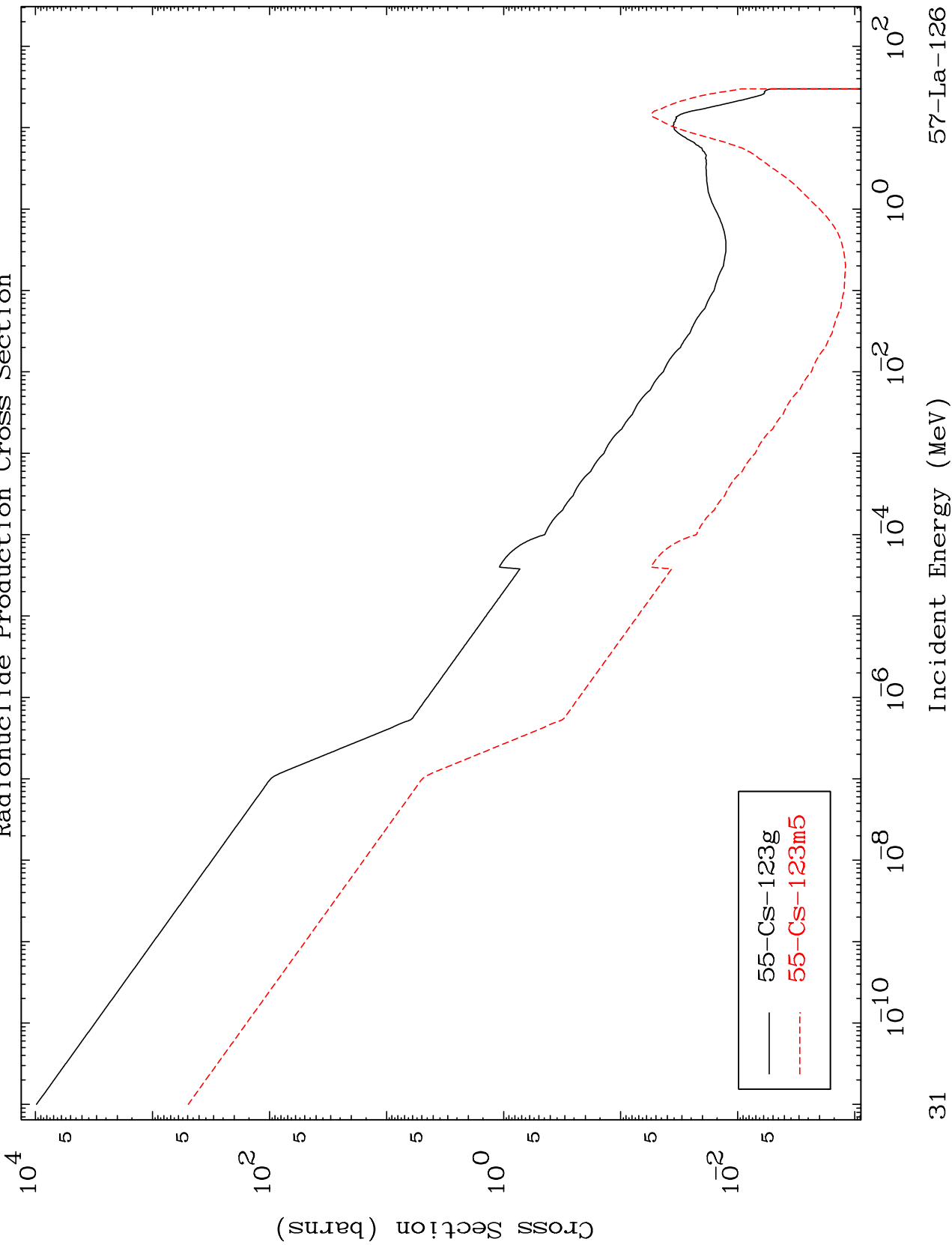
57-La-126

MAT 5690

57-La-126

Radionuclide Production Cross Section

(n, α)

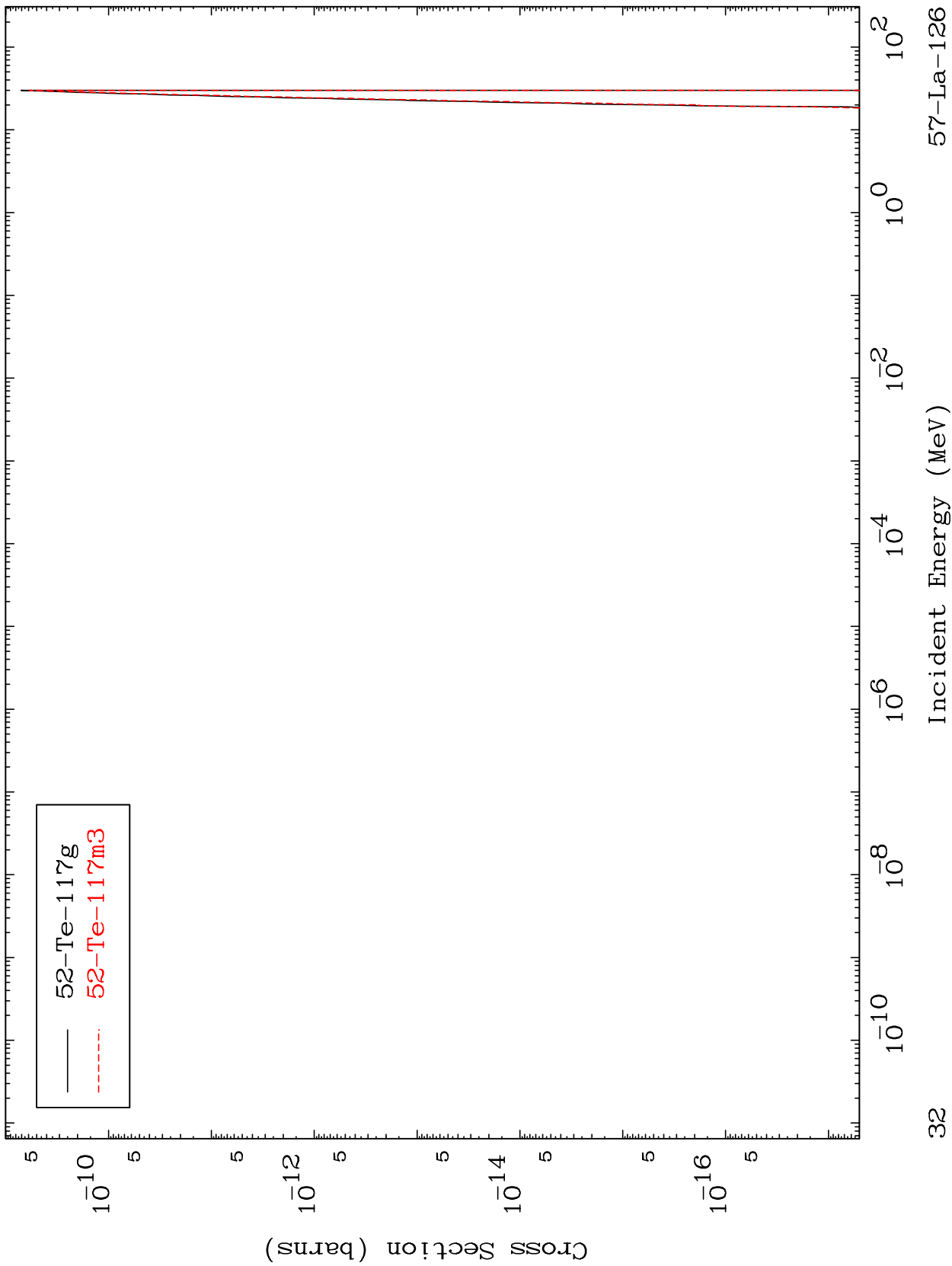


MAT 5690

(n,d) 2 α

57-La-126

Radionuclide Production Cross Section



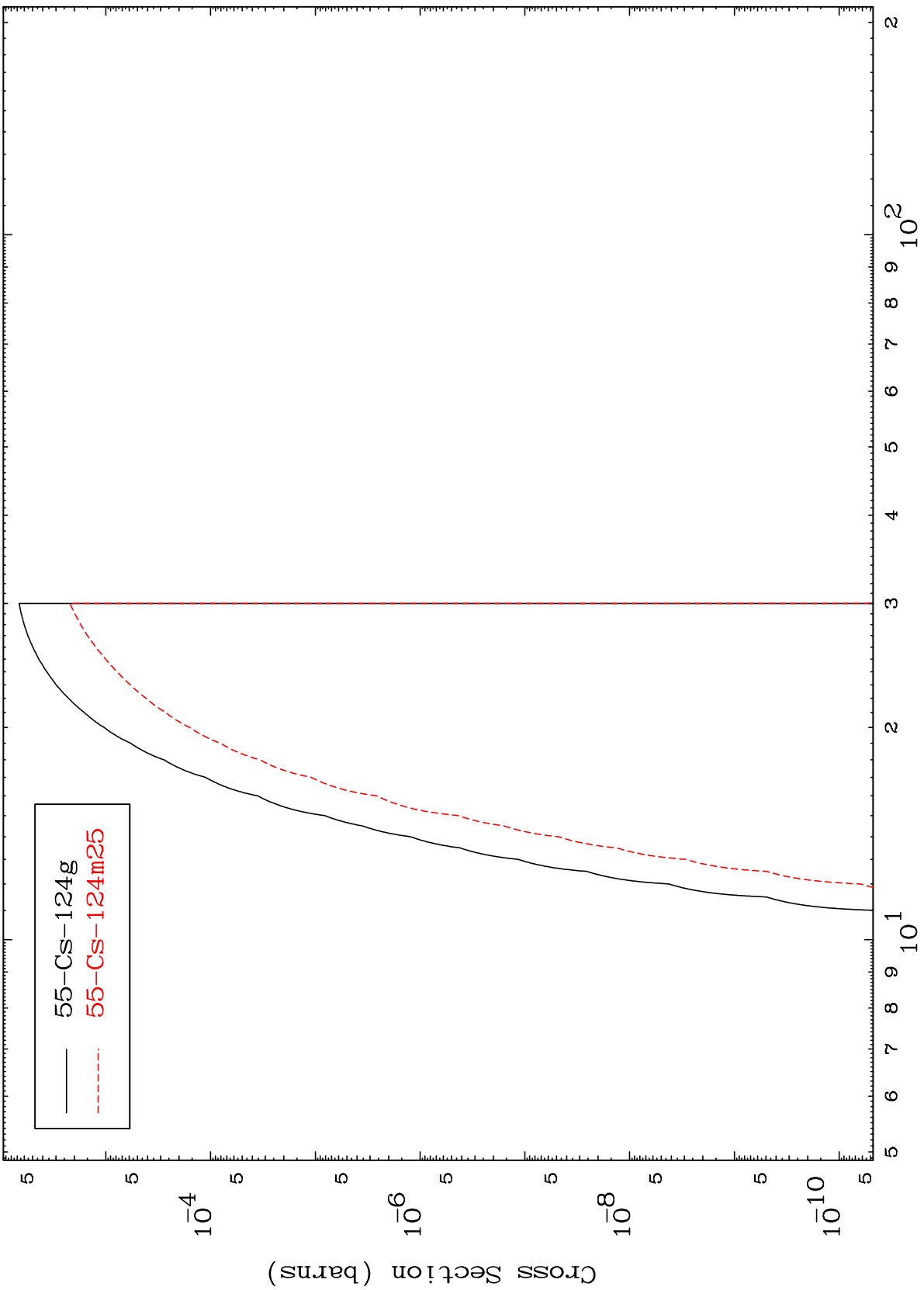
52-Te-117g
52-Te-117m3

MAT 5690

(n,p) d

57-La-126

Radionuclide Production Cross Section



55-Cs-124g
55-Cs-124m25

33

Incident Energy (MeV)

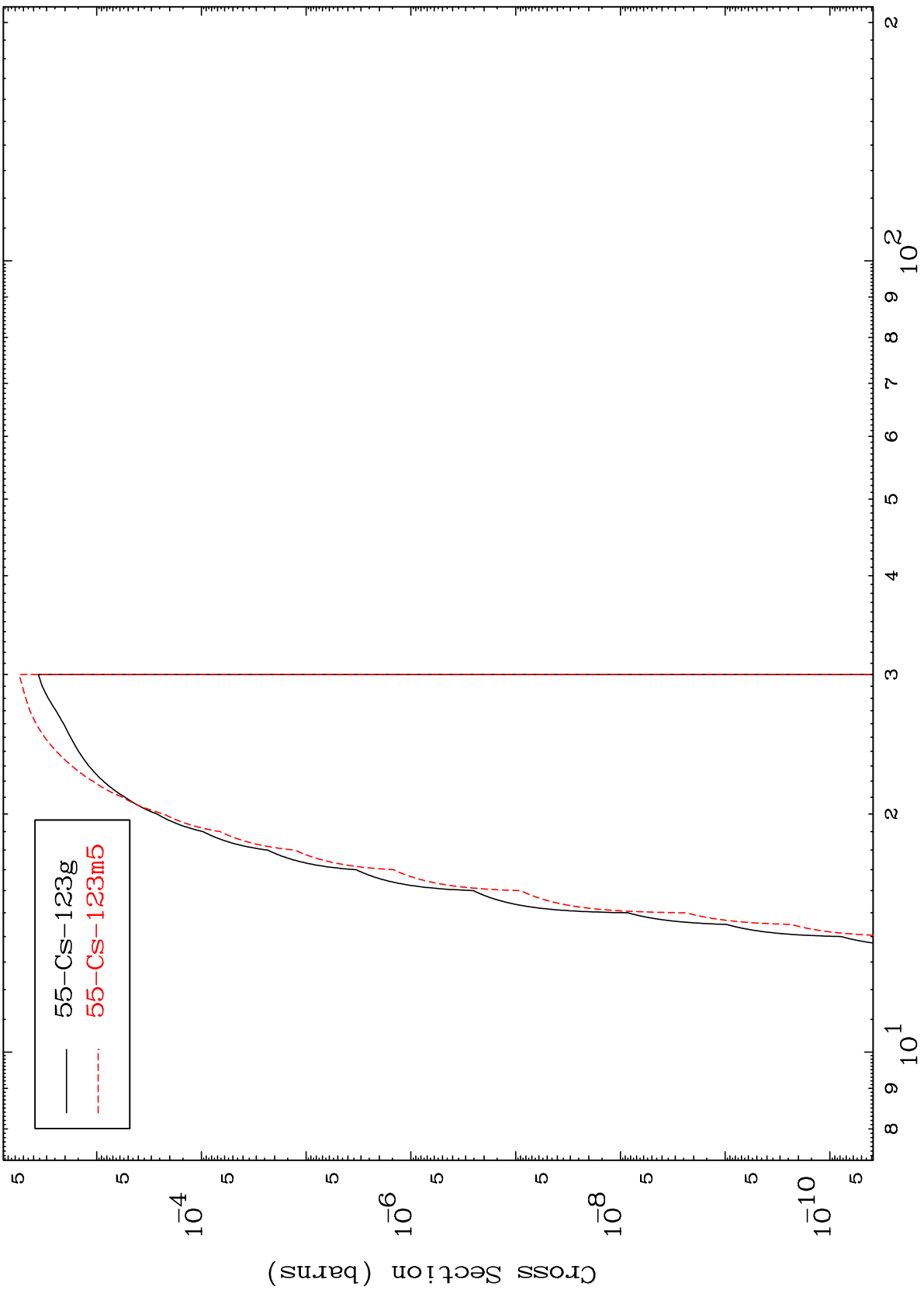
57-La-126

MAT 5690

(n,p) t

57-La-126

Radionuclide Production Cross Section



34

Incident Energy (MeV)

57-La-126