

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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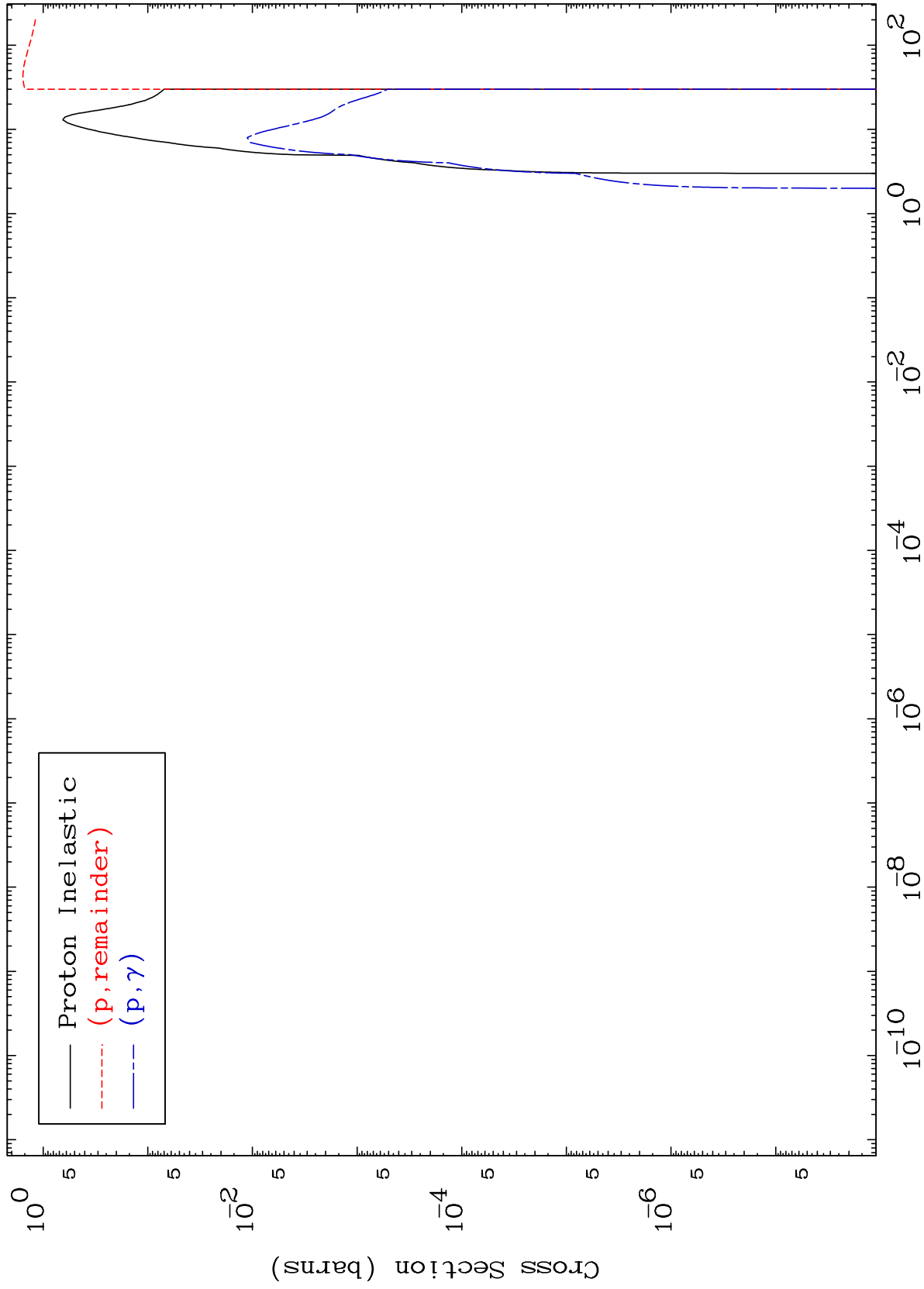
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5701

Proton Major
0 Kelvin Cross Sections

57-La-130



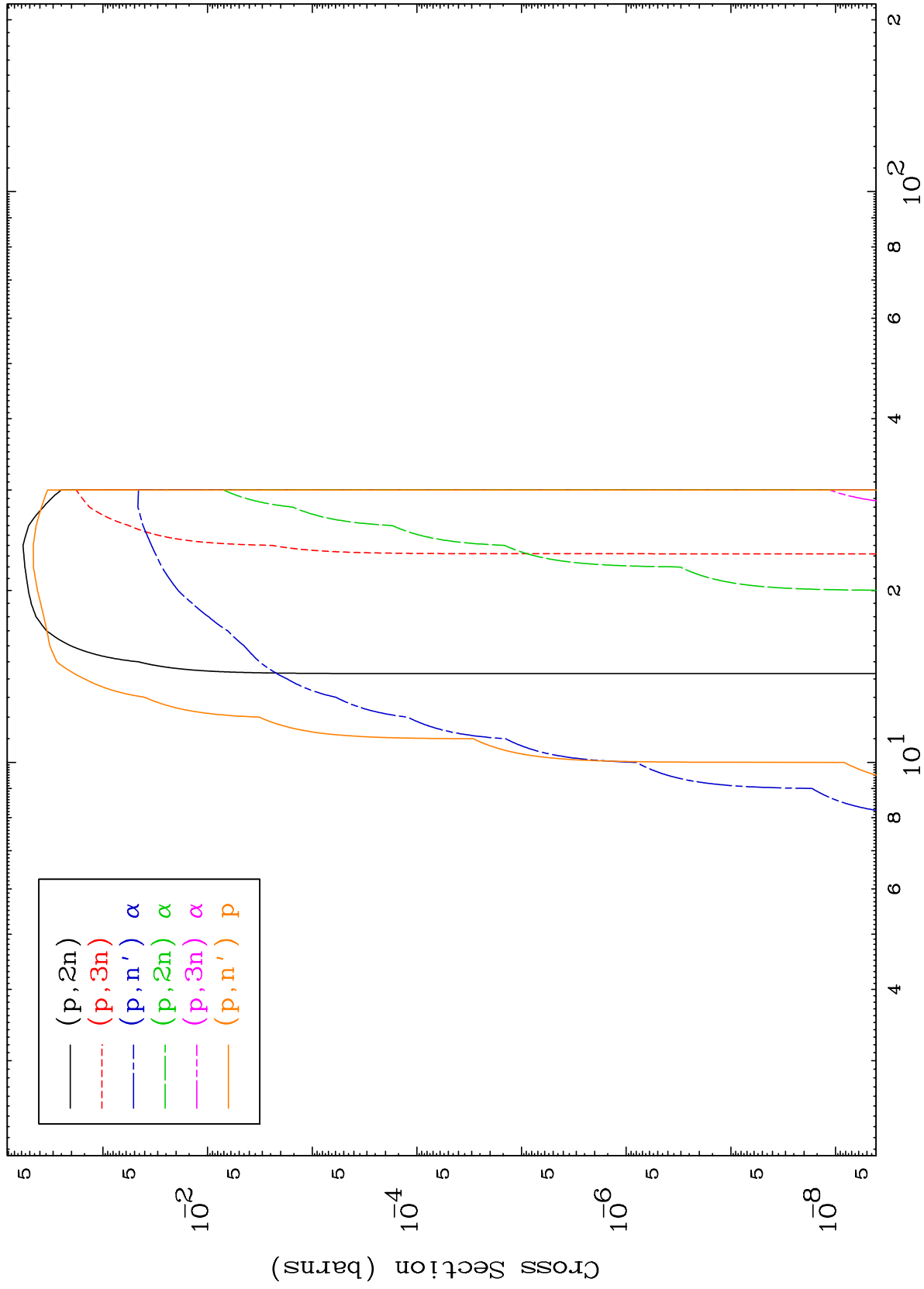
1

57-La-130

MAT 5701

Proton Neutron Production
0 Kelvin Cross Sections

57-La-130



2

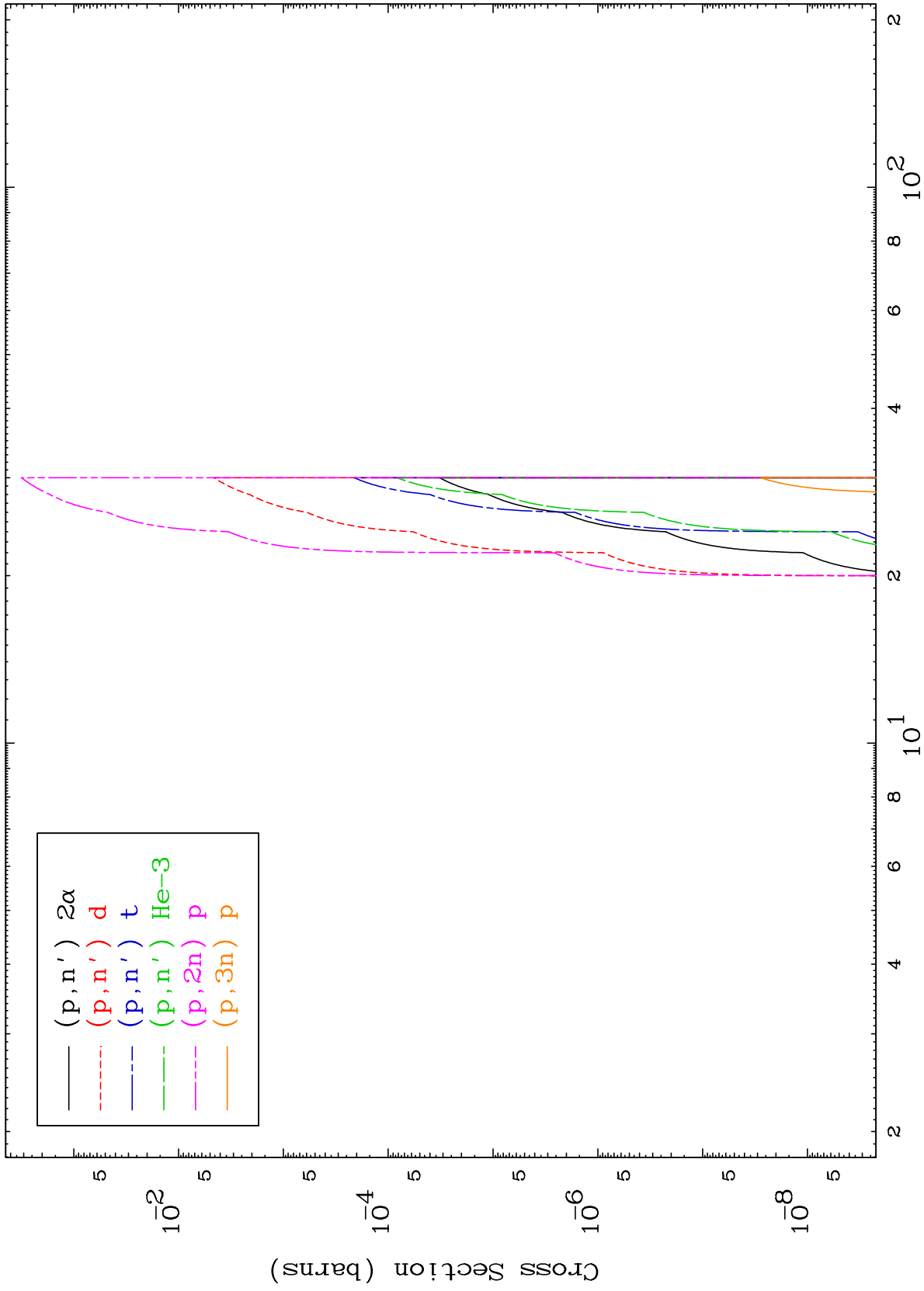
Incident Energy (MeV)

57-La-130

MAT 5701

Proton Neutron Production
0 Kelvin Cross Sections

57-La-130



3

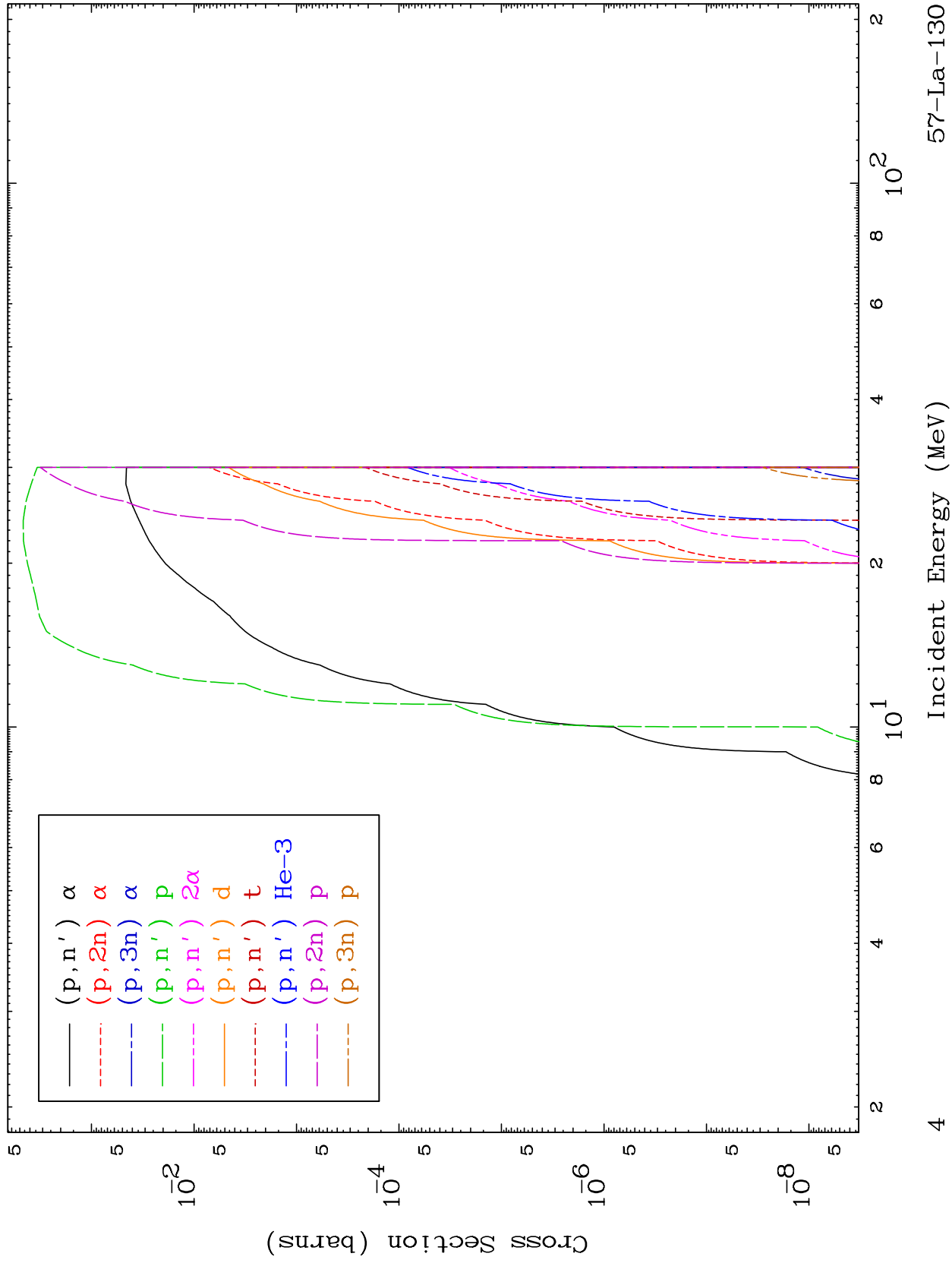
Incident Energy (MeV)

57-La-130

MAT 5701

Proton Charged Particle
0 Kelvin Cross Sections

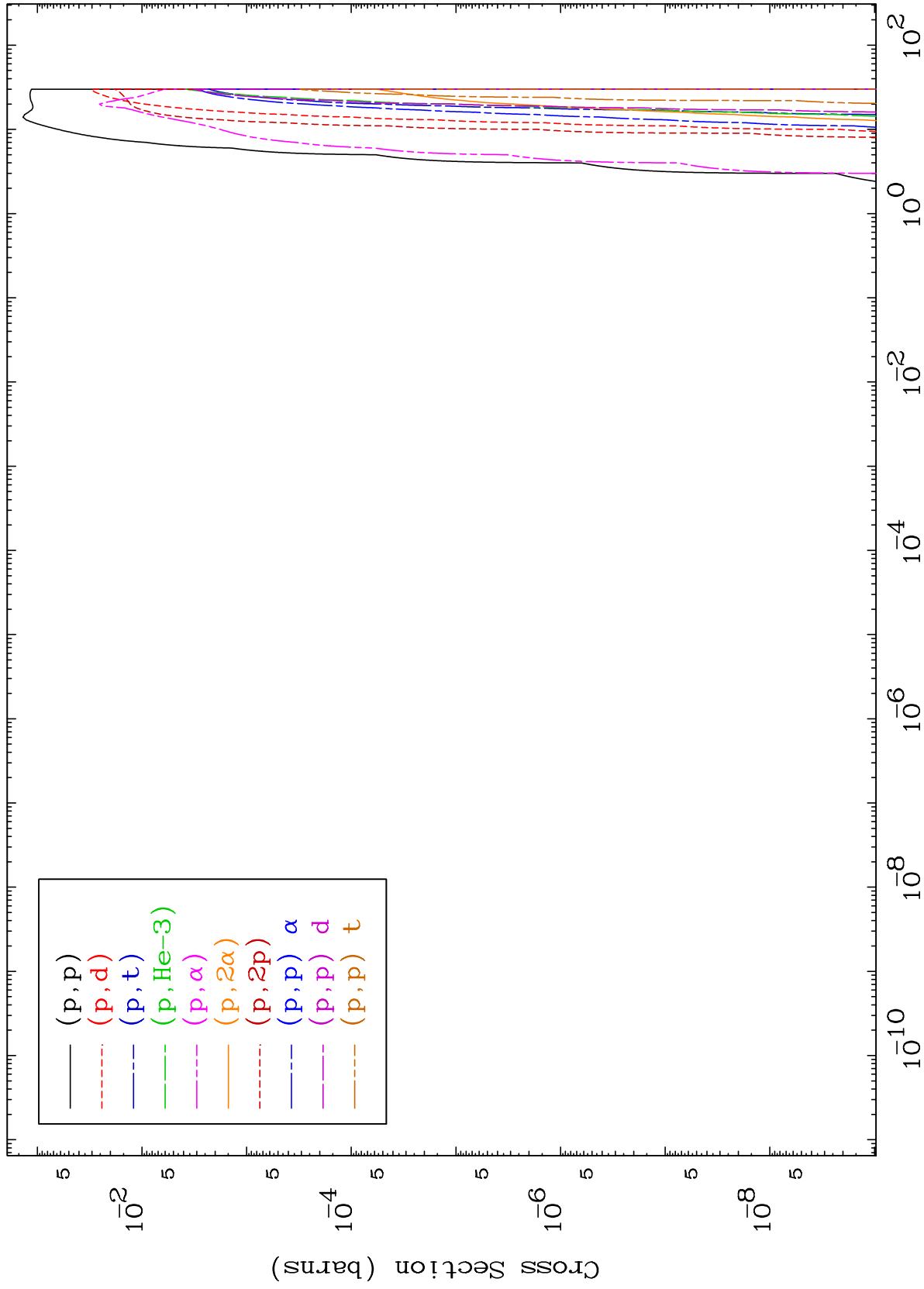
57-La-130



MAT 5701

Proton Charged Particle
0 Kelvin Cross Sections

57-La-130



5

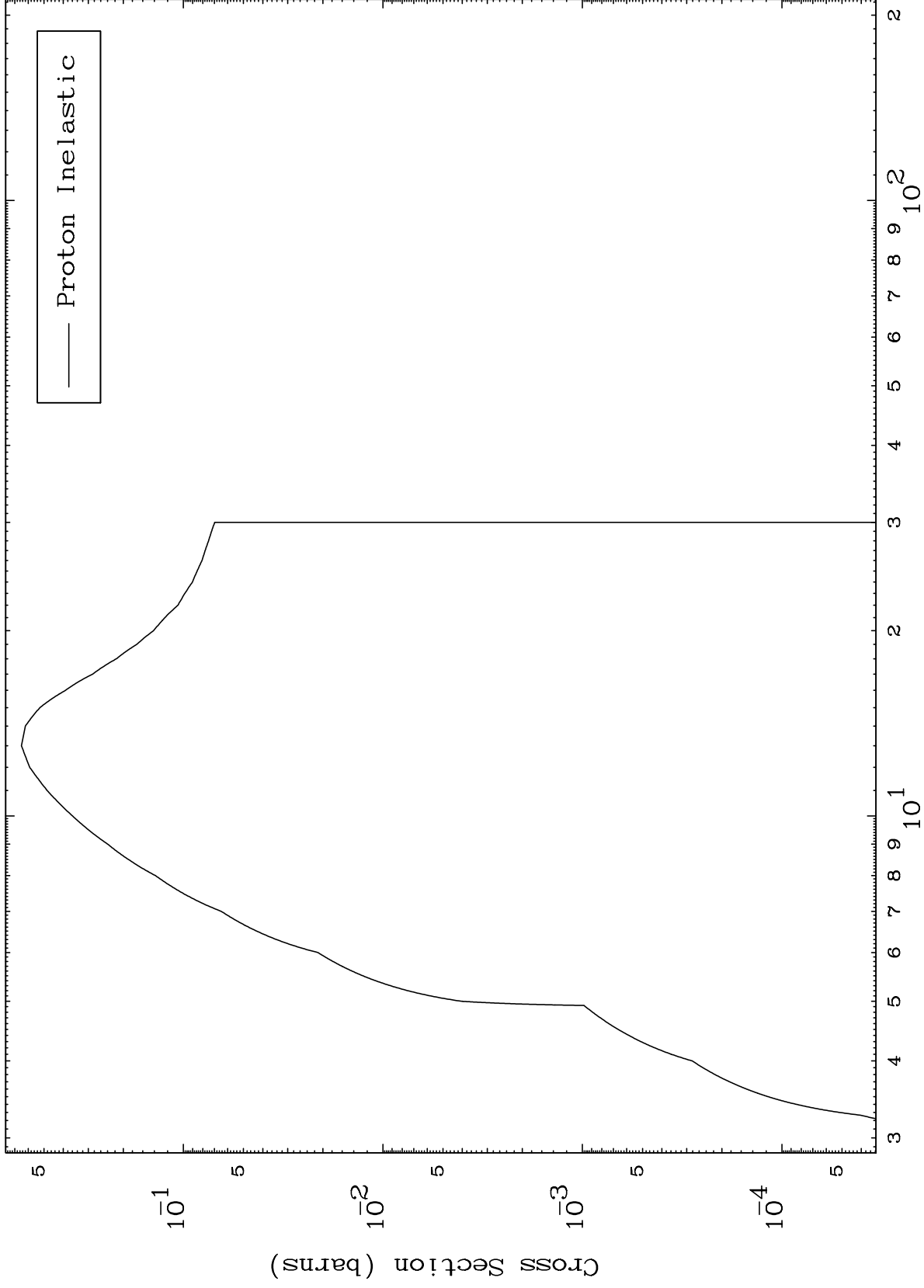
Incident Energy (MeV)

57-La-130

MAT 5701

57-La-130

(p,n') Level
0 Kelvin Cross Sections



57-La-130

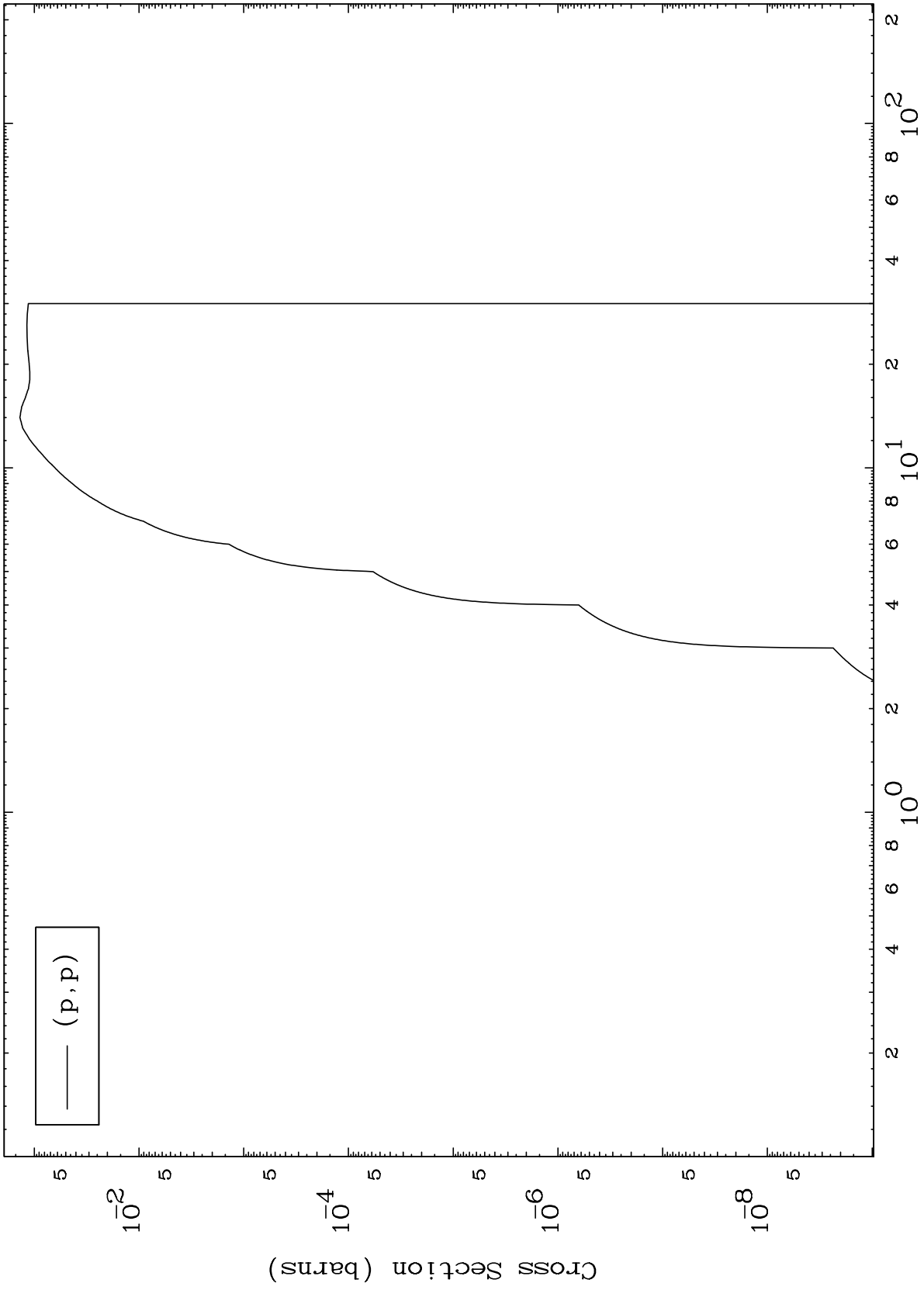
Incident Energy (MeV)

6

MAT 5701

(p,p) Levels
0 Kelvin Cross Sections

57-La-130



7

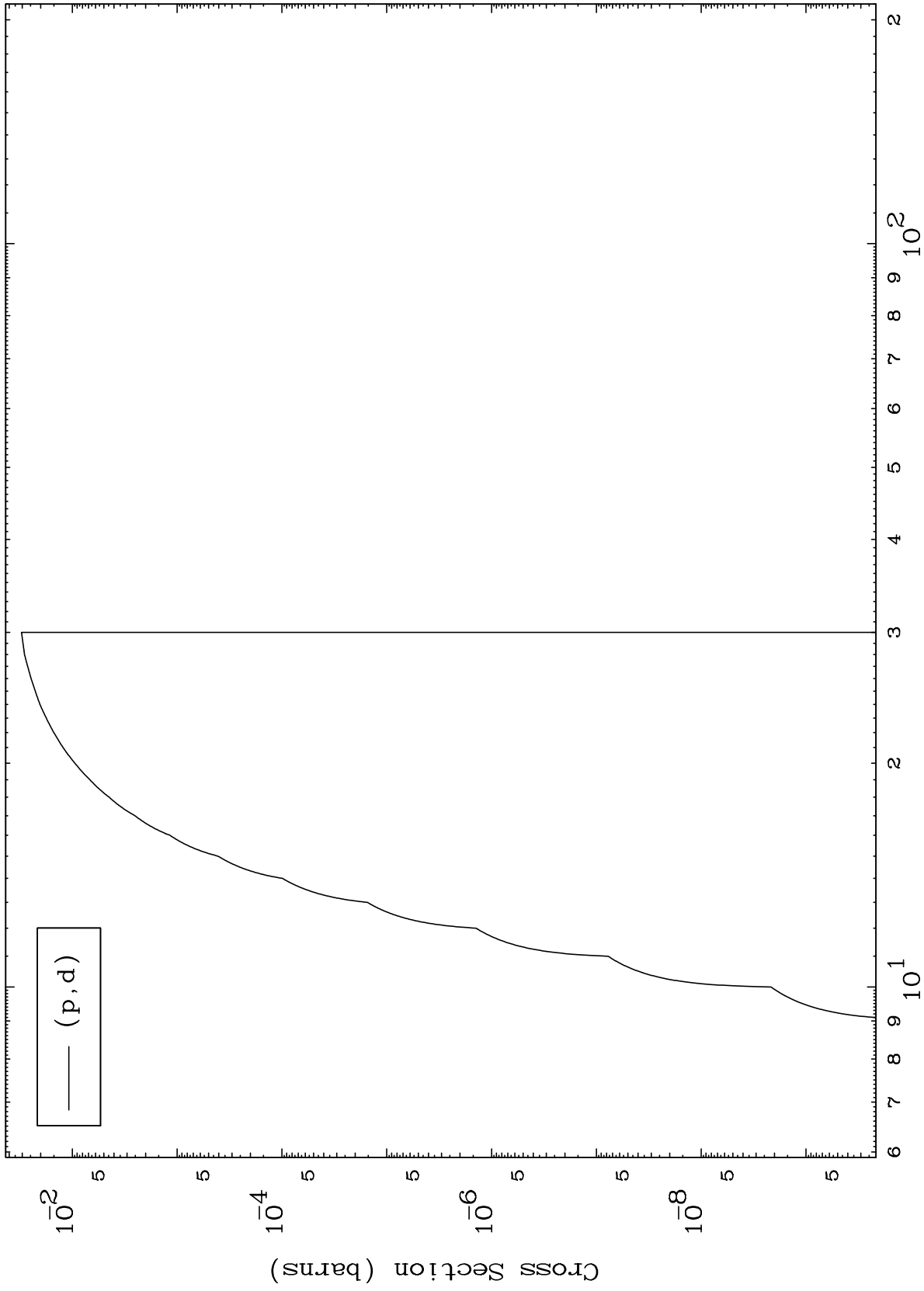
Incident Energy (MeV)

57-La-130

MAT 5701

(p,d) Levels
0 Kelvin Cross Sections

57-La-130



8

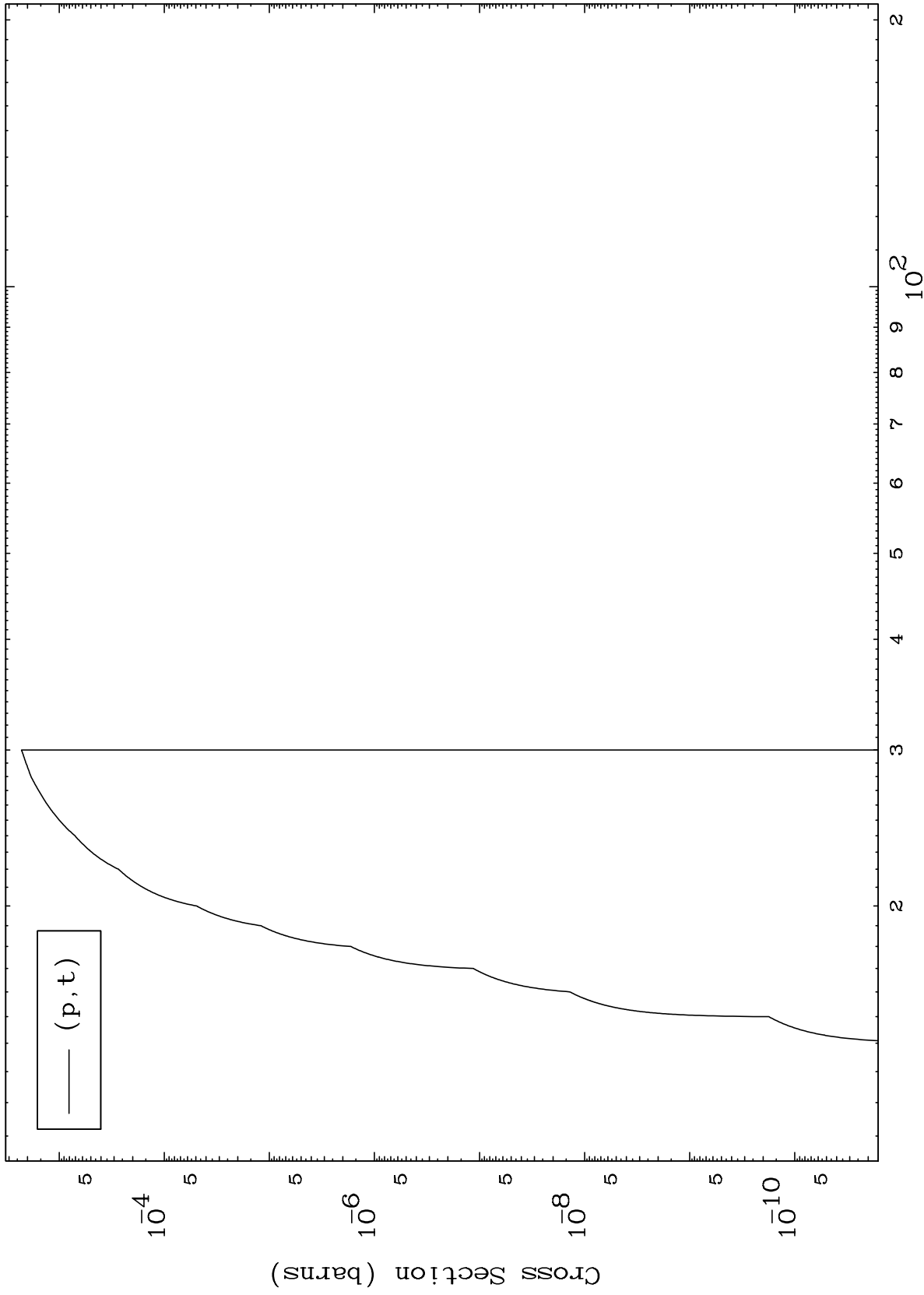
Incident Energy (MeV)

57-La-130

MAT 5701

(p,t) Levels
0 Kelvin Cross Sections

57-La-130



9

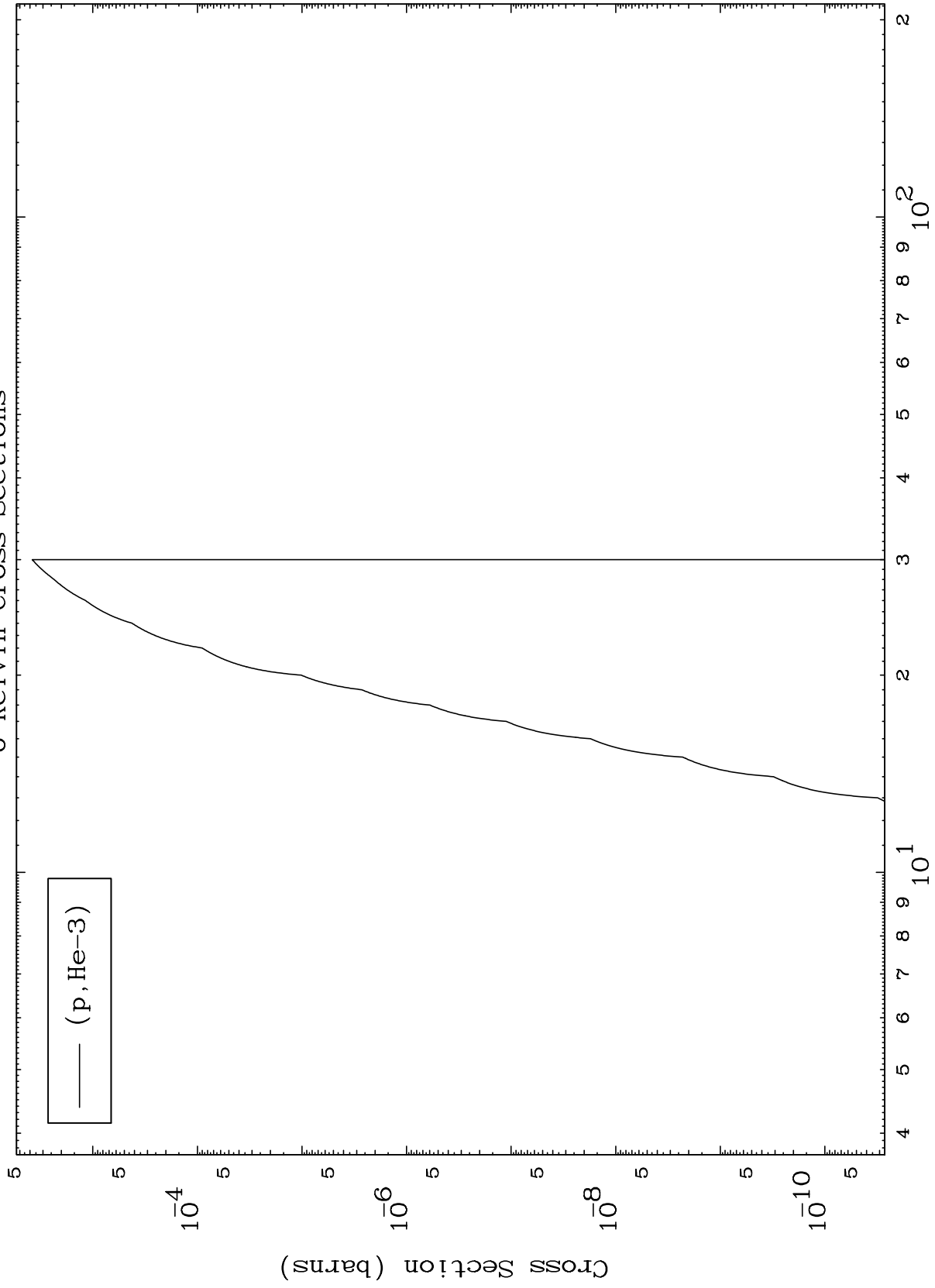
Incident Energy (MeV)

57-La-130

MAT 5701

(p,He3) Levels
0 Kelvin Cross Sections

57-La-130



10

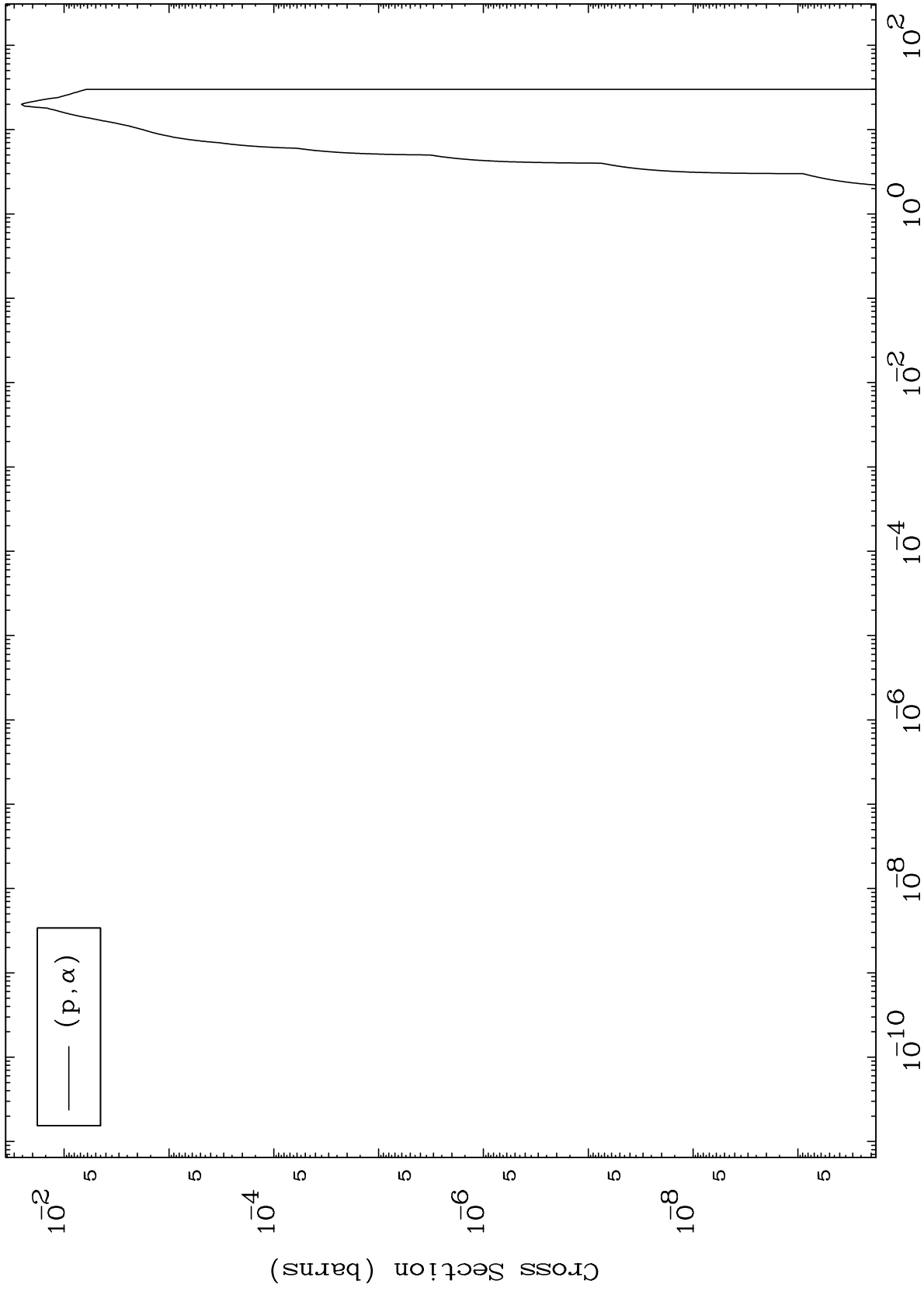
Incident Energy (MeV)

57-La-130

MAT 5701

(p,α) Levels
0 Kelvin Cross Sections

57-La-130



11

Incident Energy (MeV)

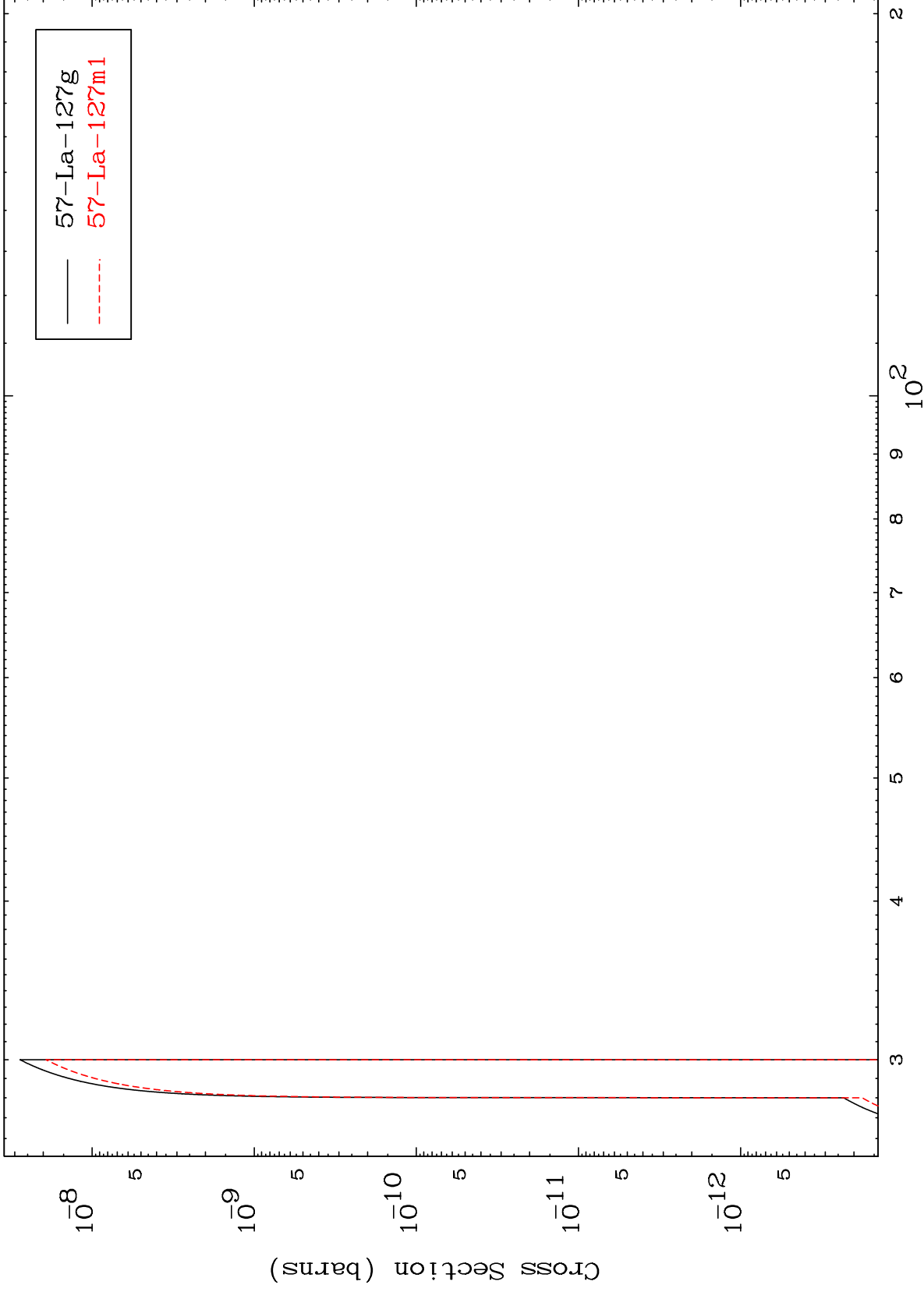
57-La-130

MAT 5701

(p,2n) d

57-La-130

Radionuclide Production Cross Section



12

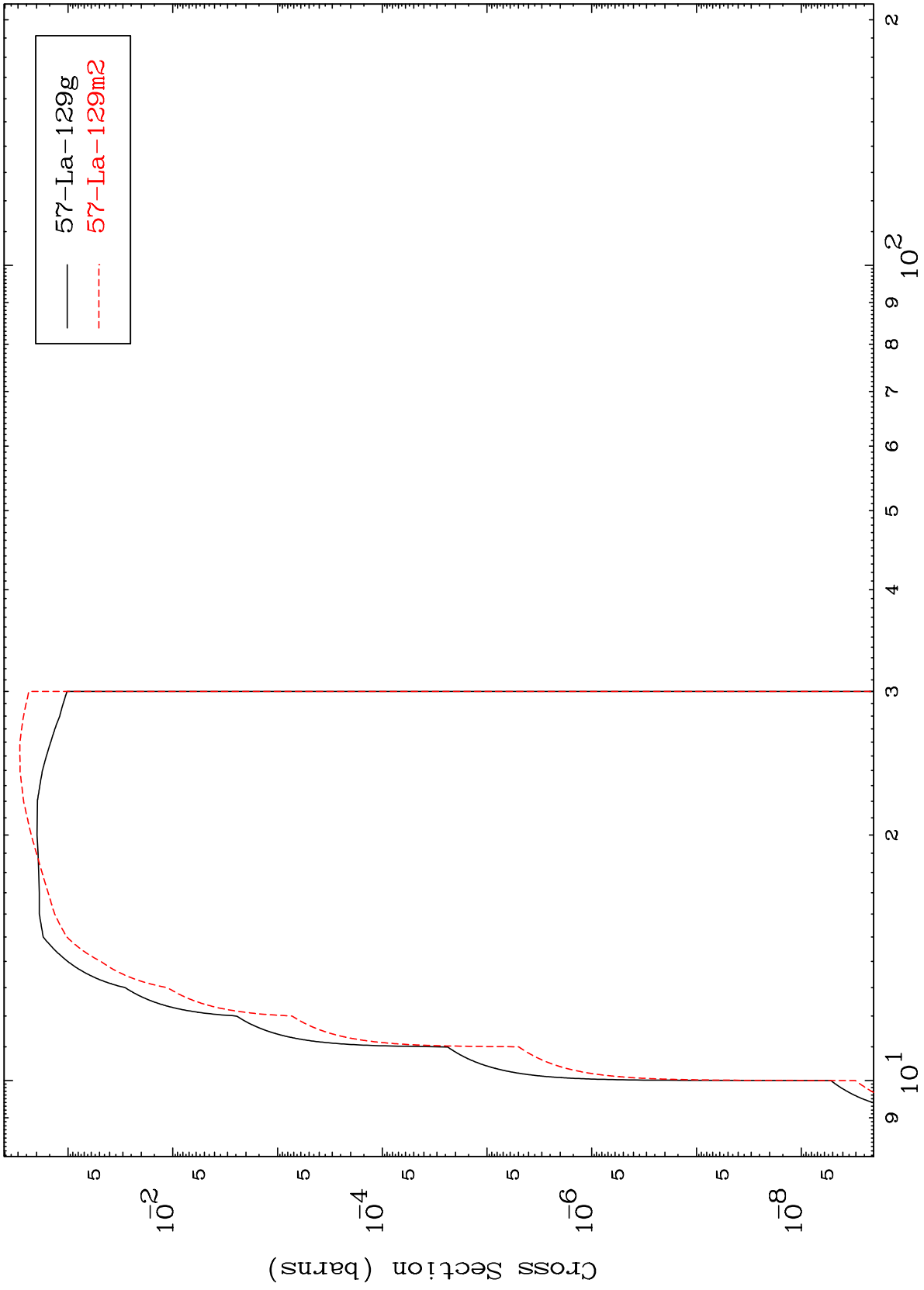
Incident Energy (MeV)

57-La-130

MAT 5701

⁵⁷La-130

(p,n') p
Radionuclide Production Cross Section



13

Incident Energy (MeV)

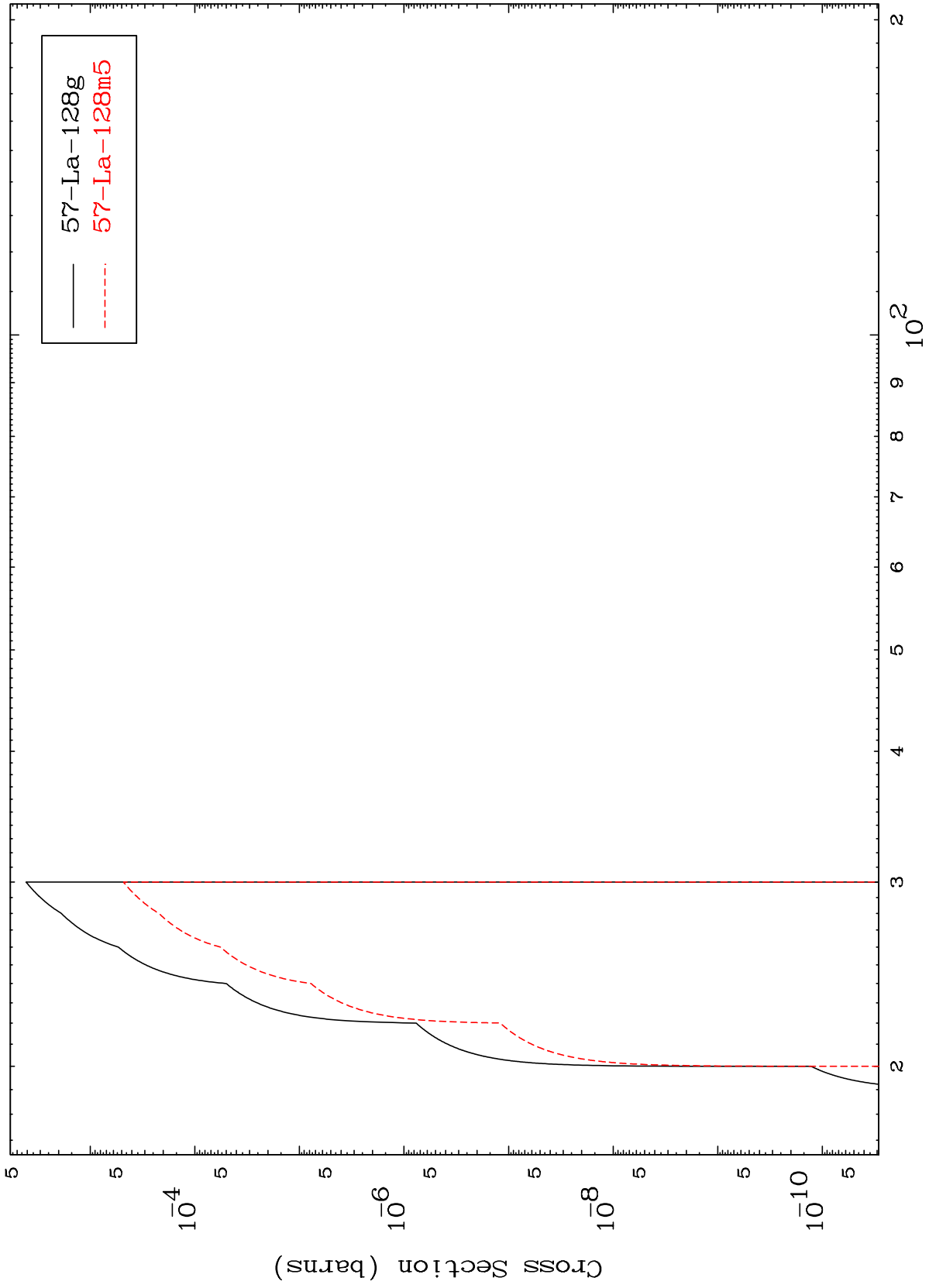
⁵⁷La-130

MAT 5701

(p,n') d

⁵⁷La-130

Radionuclide Production Cross Section



14

Incident Energy (MeV)

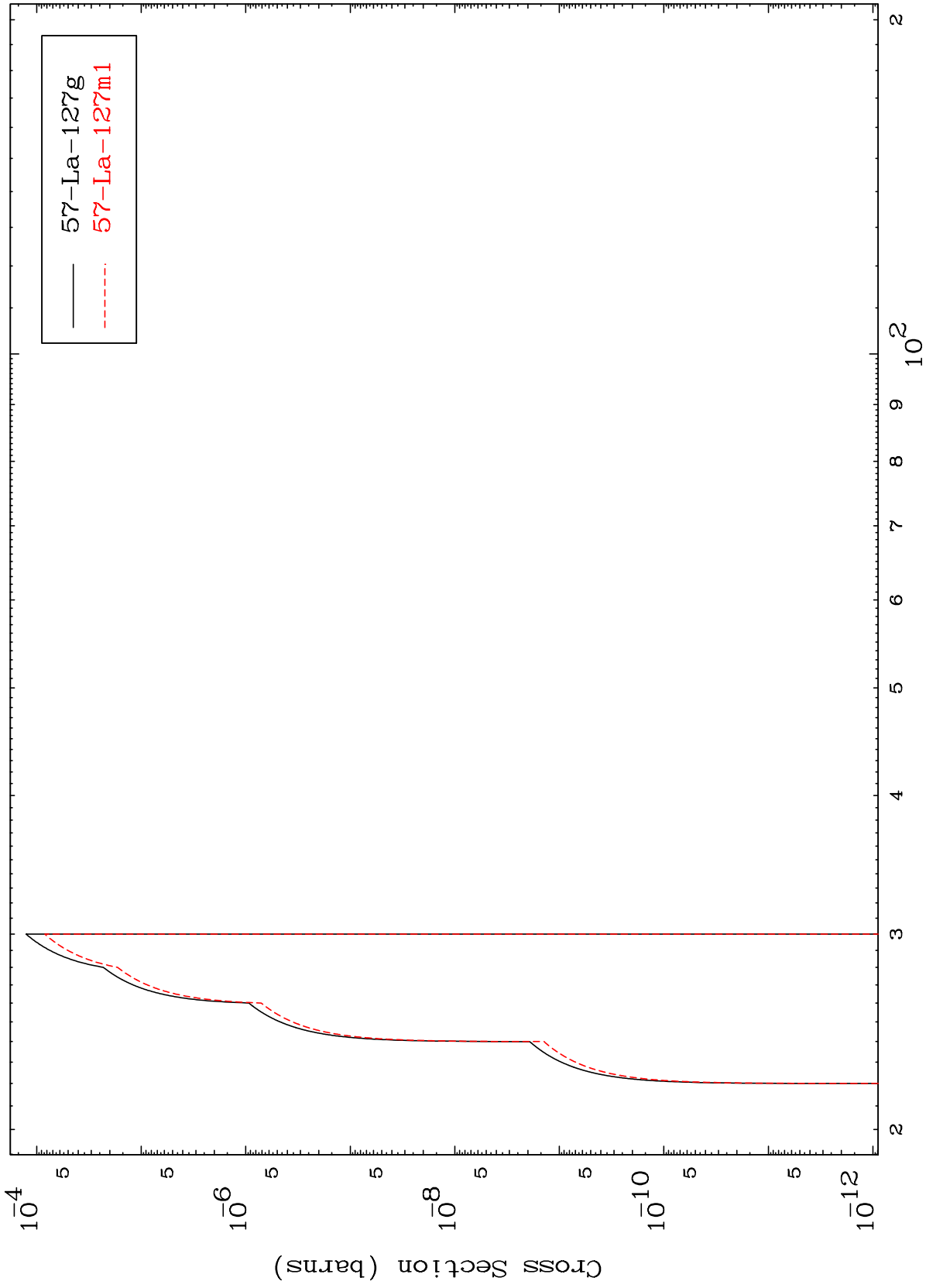
⁵⁷La-130

MAT 5701

(p,n') t

57-La-130

Radionuclide Production Cross Section



15

Incident Energy (MeV)

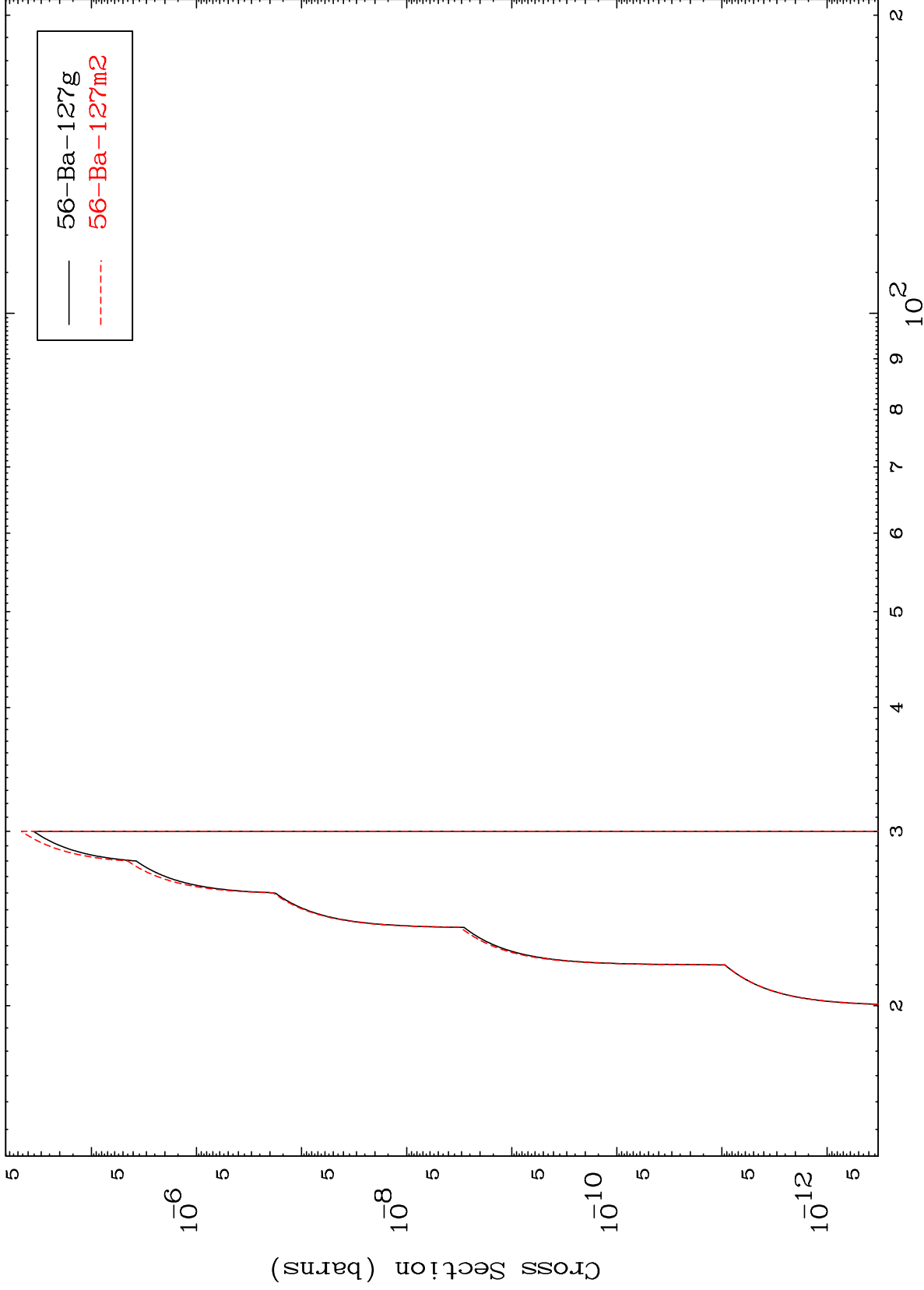
57-La-130

MAT 5701

(p,n') He-3

57-La-130

Radionuclide Production Cross Section



16

Incident Energy (MeV)

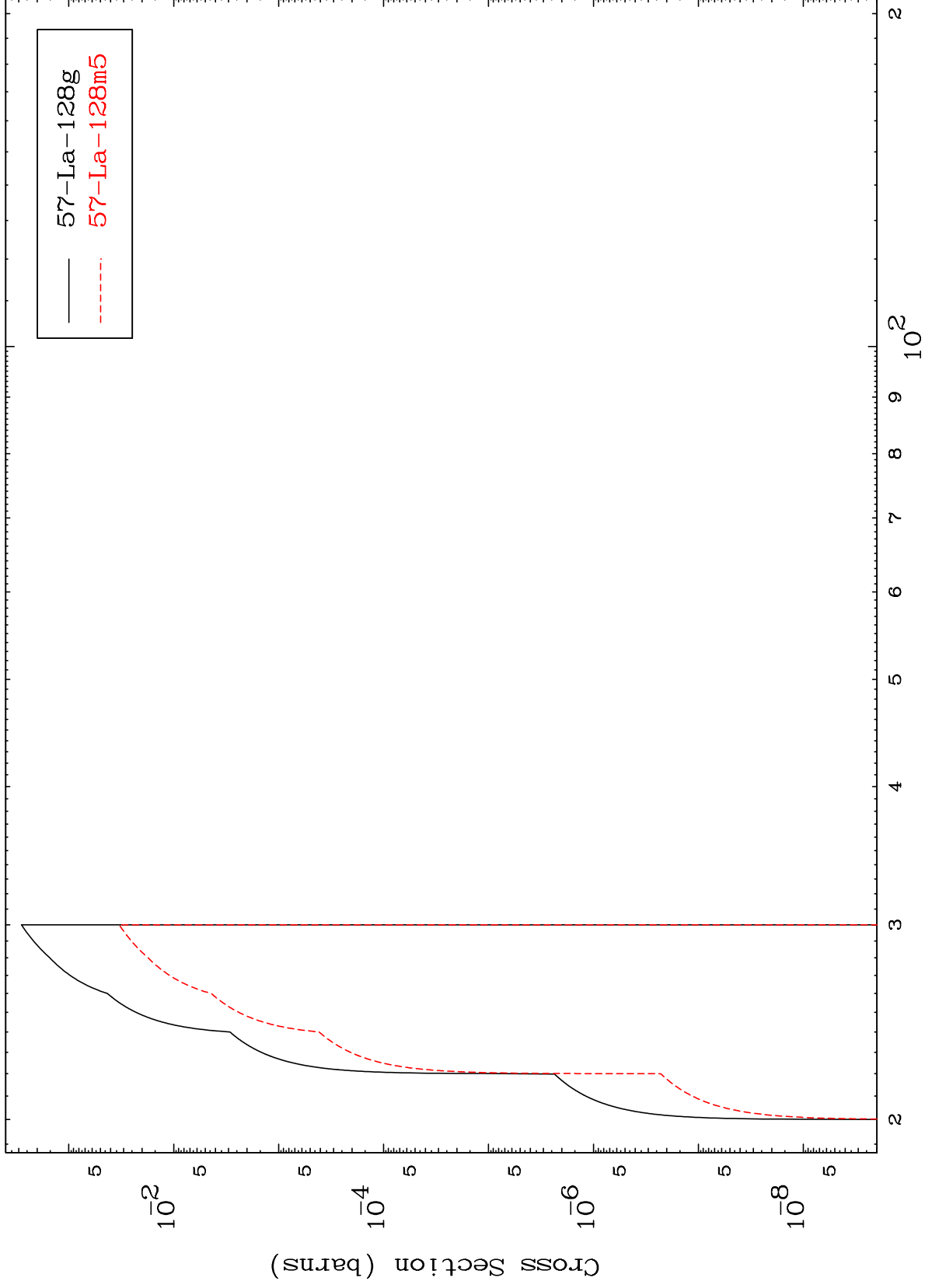
57-La-130

MAT 5701

(p,2n) p

57-La-130

Radionuclide Production Cross Section



17

Incident Energy (MeV)

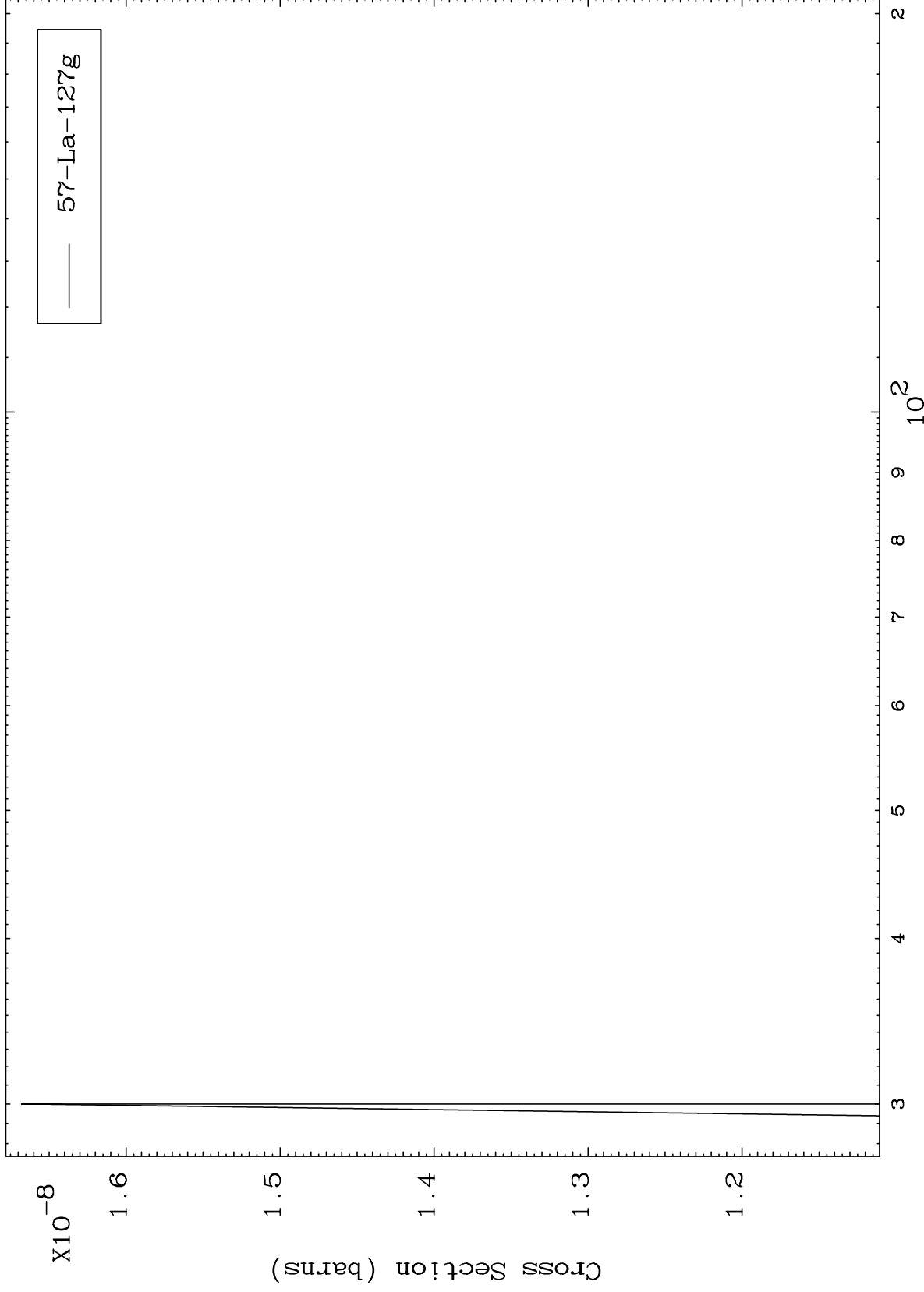
57-La-130

MAT 5701

(p,3n) p

57-La-130

Radionuclide Production Cross Section



$\times 10^{-8}$

Cross Section (barns)

18

Incident Energy (MeV)

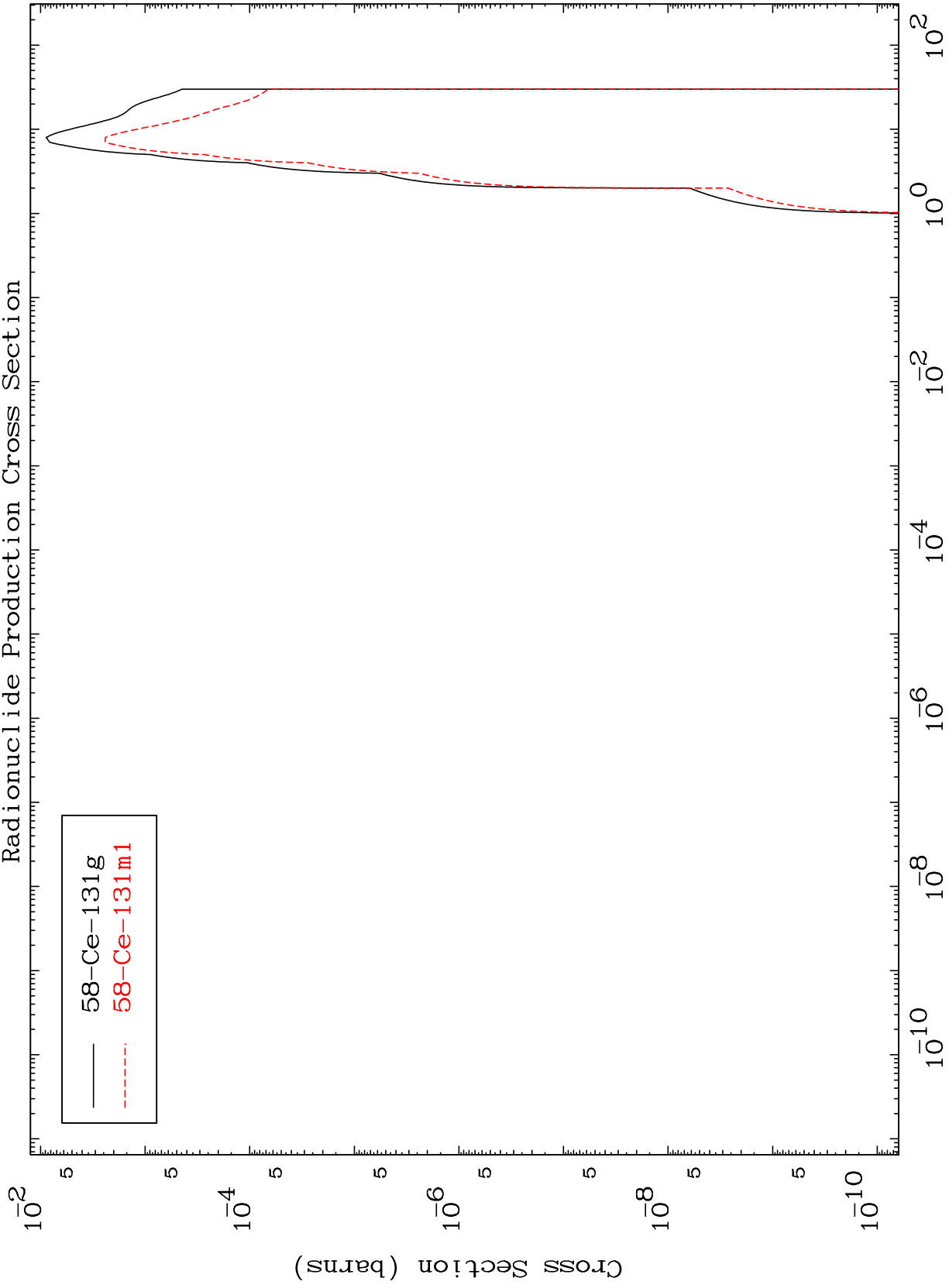
57-La-130

57-La-127g

MAT 5701

Radionuclide Production Cross Section
(p,γ)

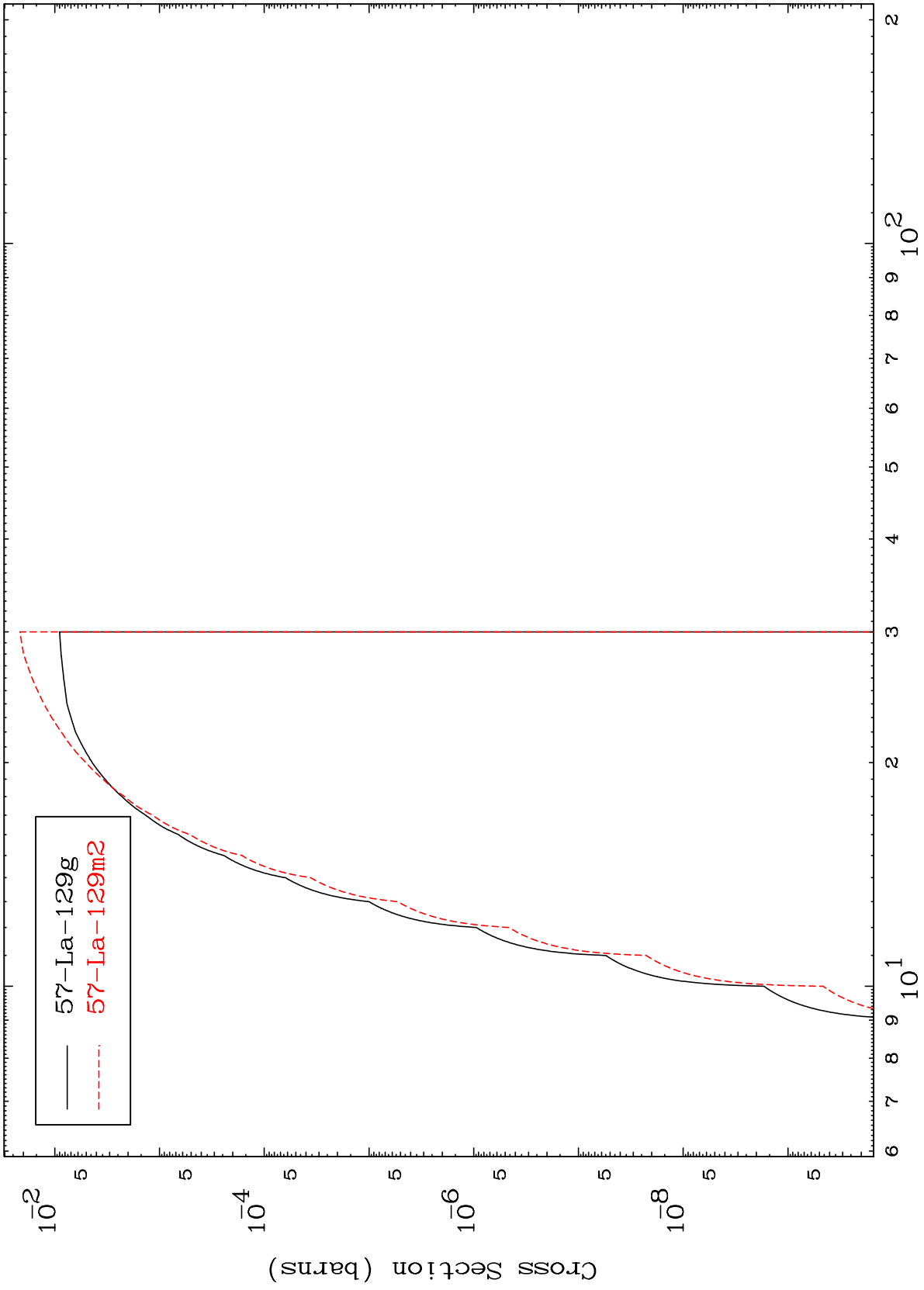
57-La-130



MAT 5701

57-La-130

(p,d)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

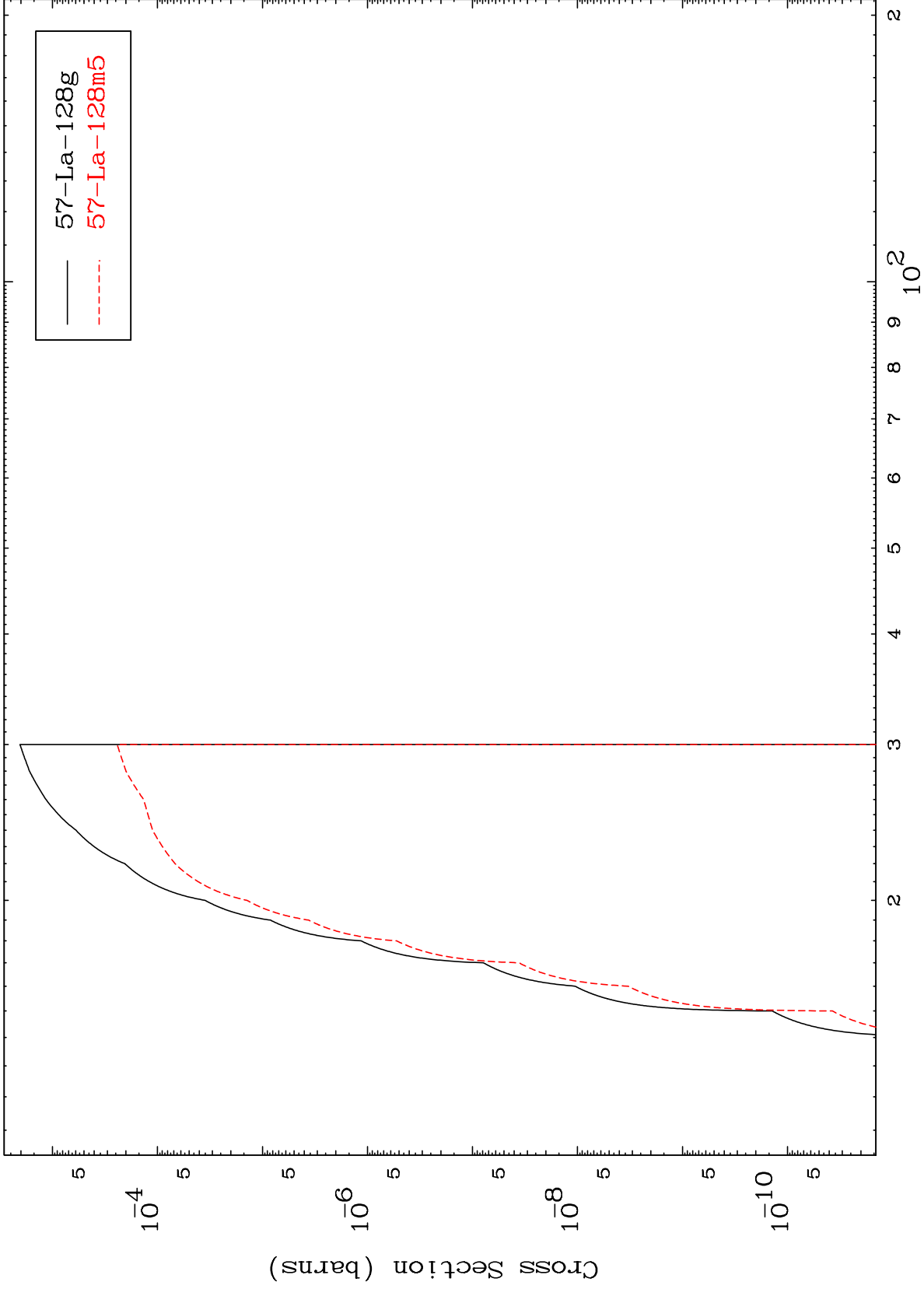
57-La-130

MAT 5701

(p, t)

57-La-130

Radionuclide Production Cross Section



21

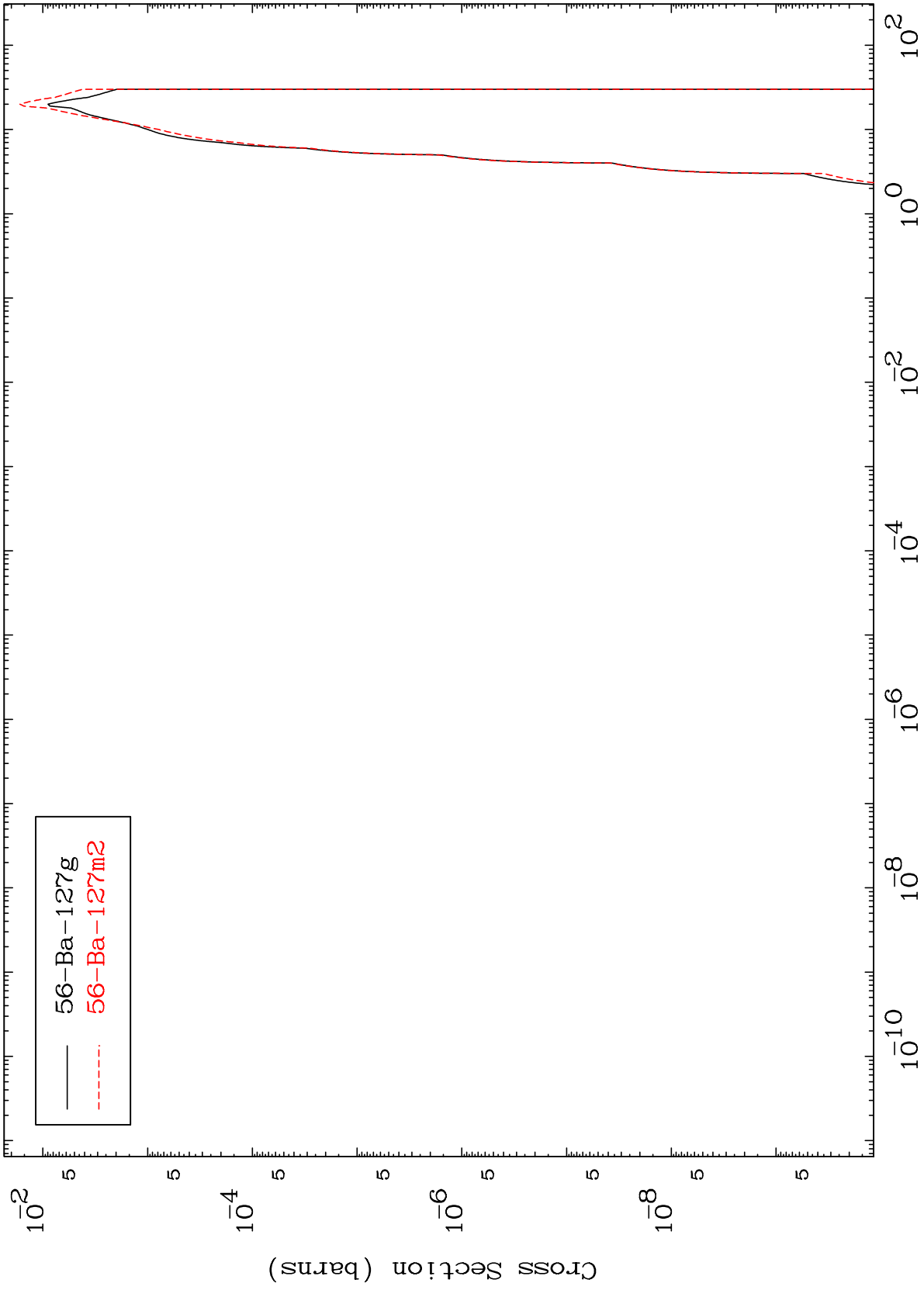
Incident Energy (MeV)

57-La-130

MAT 5701

Radionuclide Production Cross Section
(p, α)

57-La-130



22

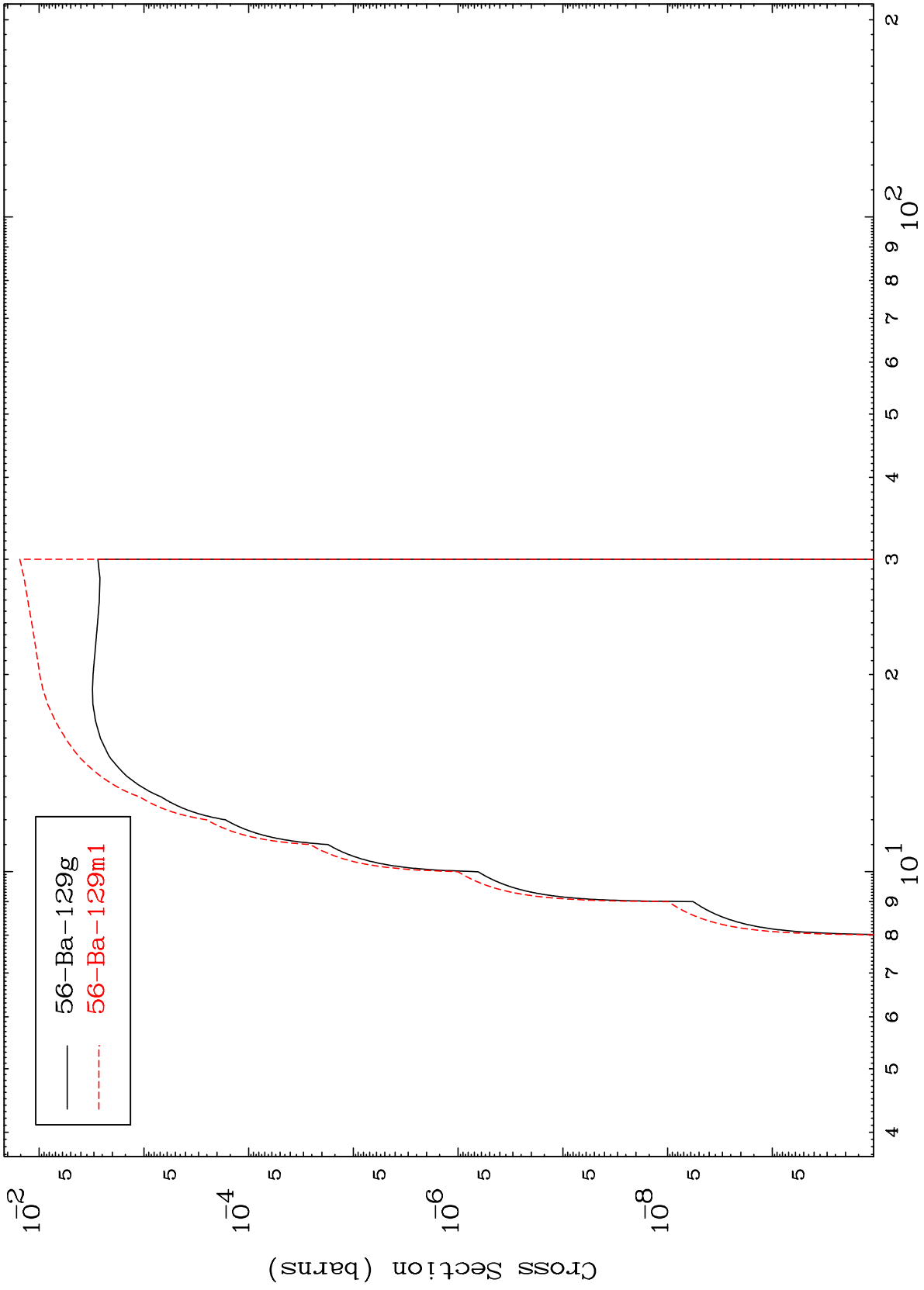
Incident Energy (MeV)

57-La-130

MAT 5701

57-La-130

(p,2p)
Radionuclide Production Cross Section



23

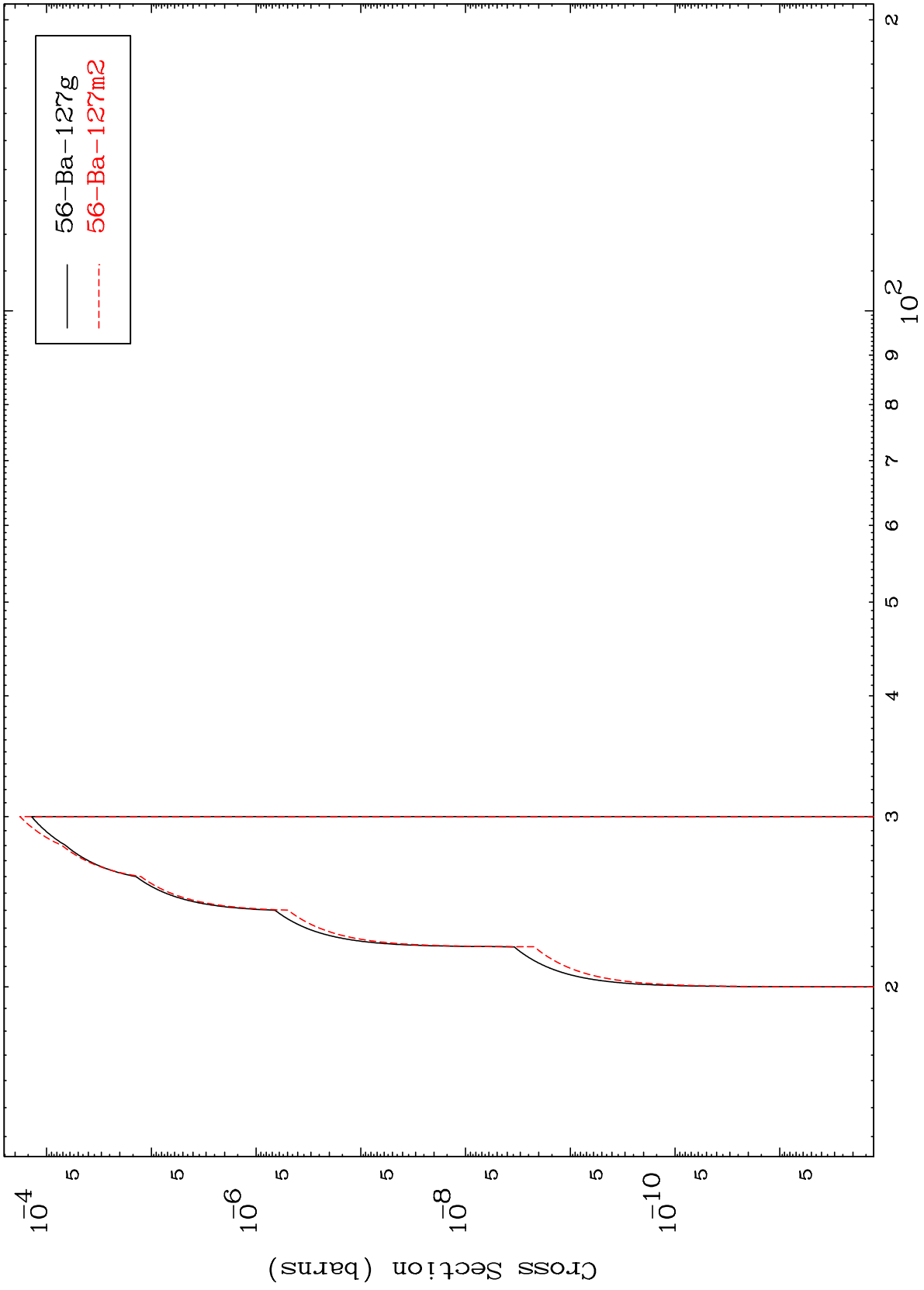
57-La-130

MAT 5701

(p,p) t

57-La-130

Radionuclide Production Cross Section



24

Incident Energy (MeV)

57-La-130