

Program EVALPLOT
(Version 2018-1)

by

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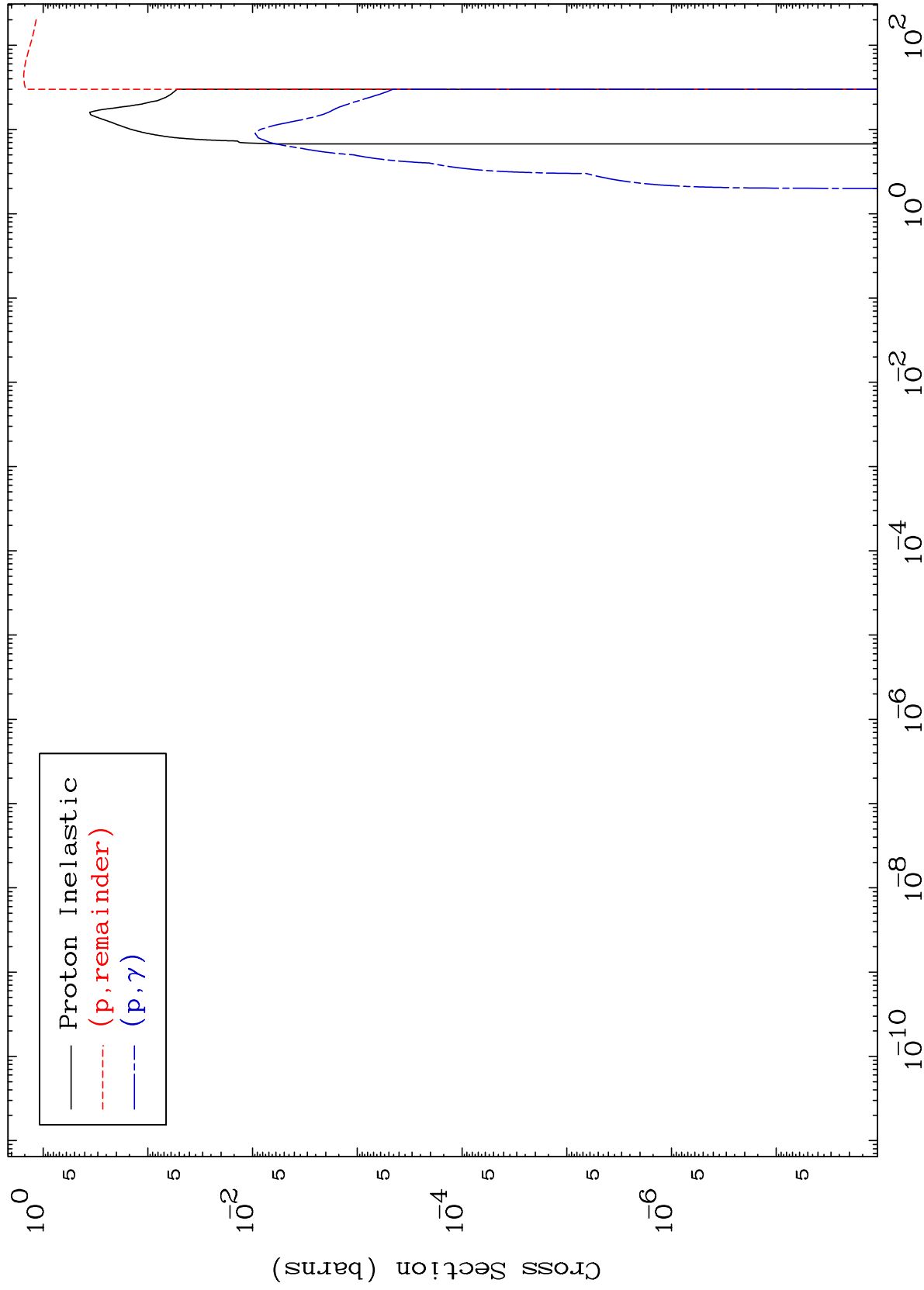
Press Mouse Button to Start

MAT 5693

Proton Major

57-La-127

0 Kelvin Cross Sections



1

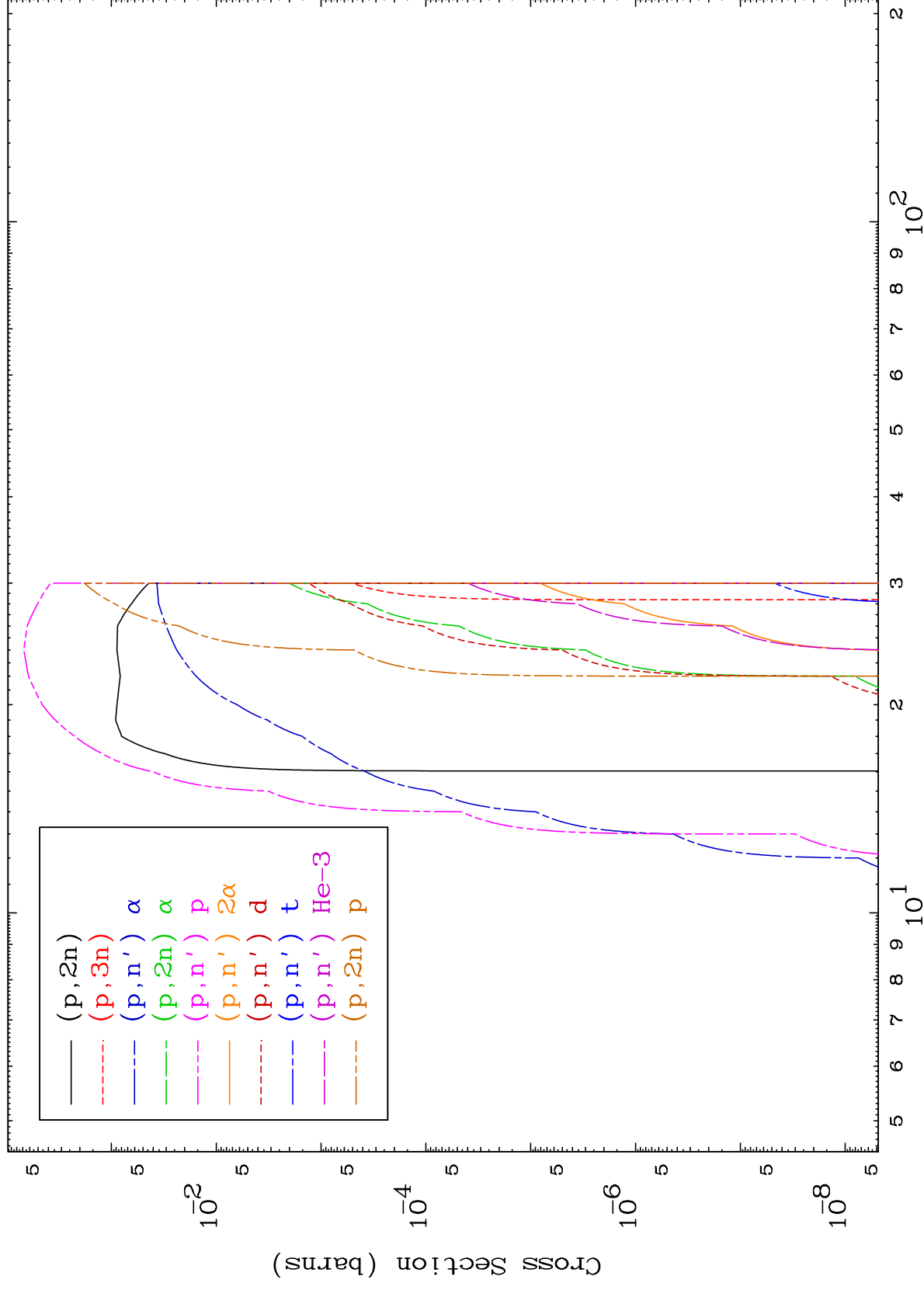
Incident Energy (MeV)

57-La-127

Proton Neutron Production 0 Kelvin Cross Sections

Incident Energy (MeV)

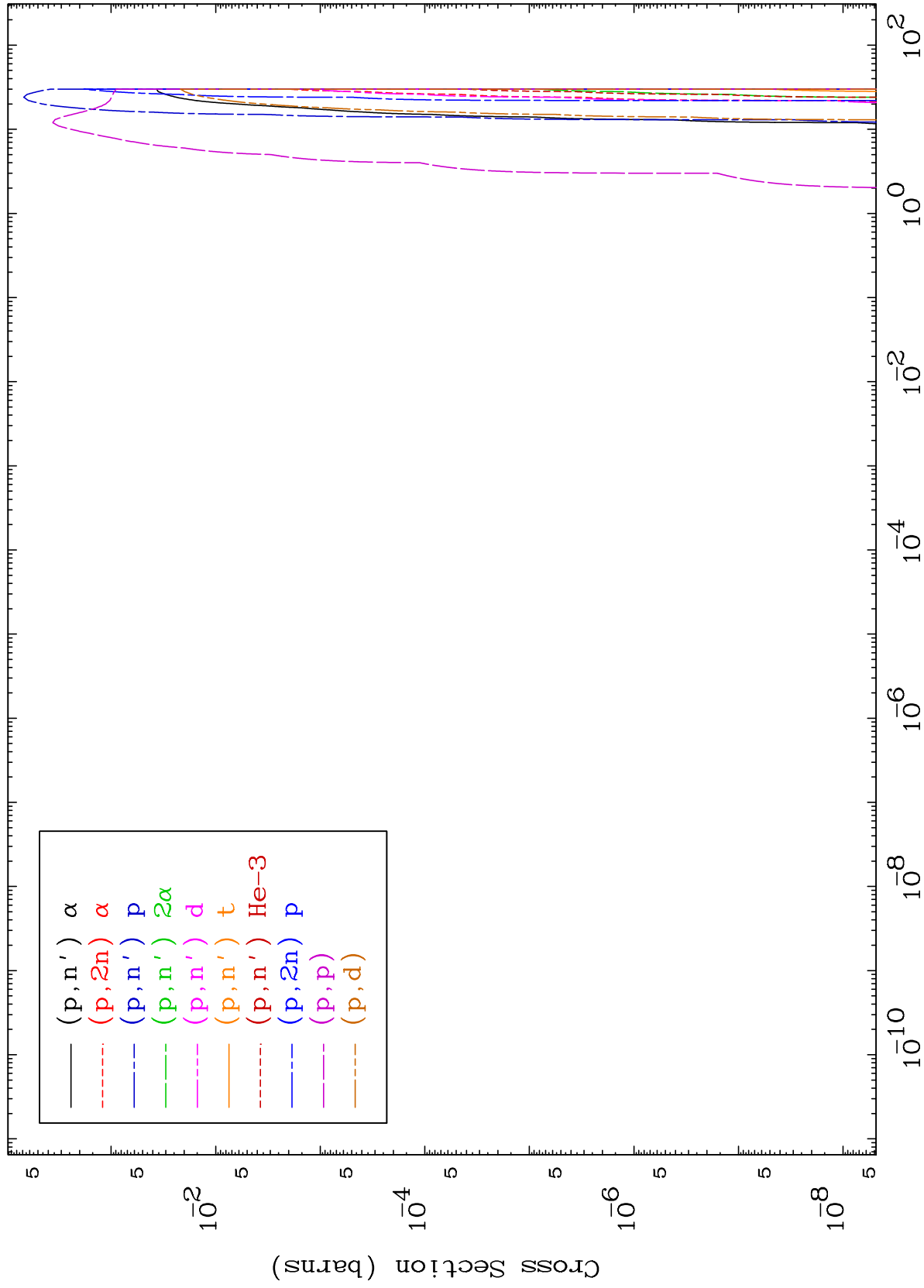
57-La-127



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Proton Charged Particle
0 Kelvin Cross Sections

57-La-127



3

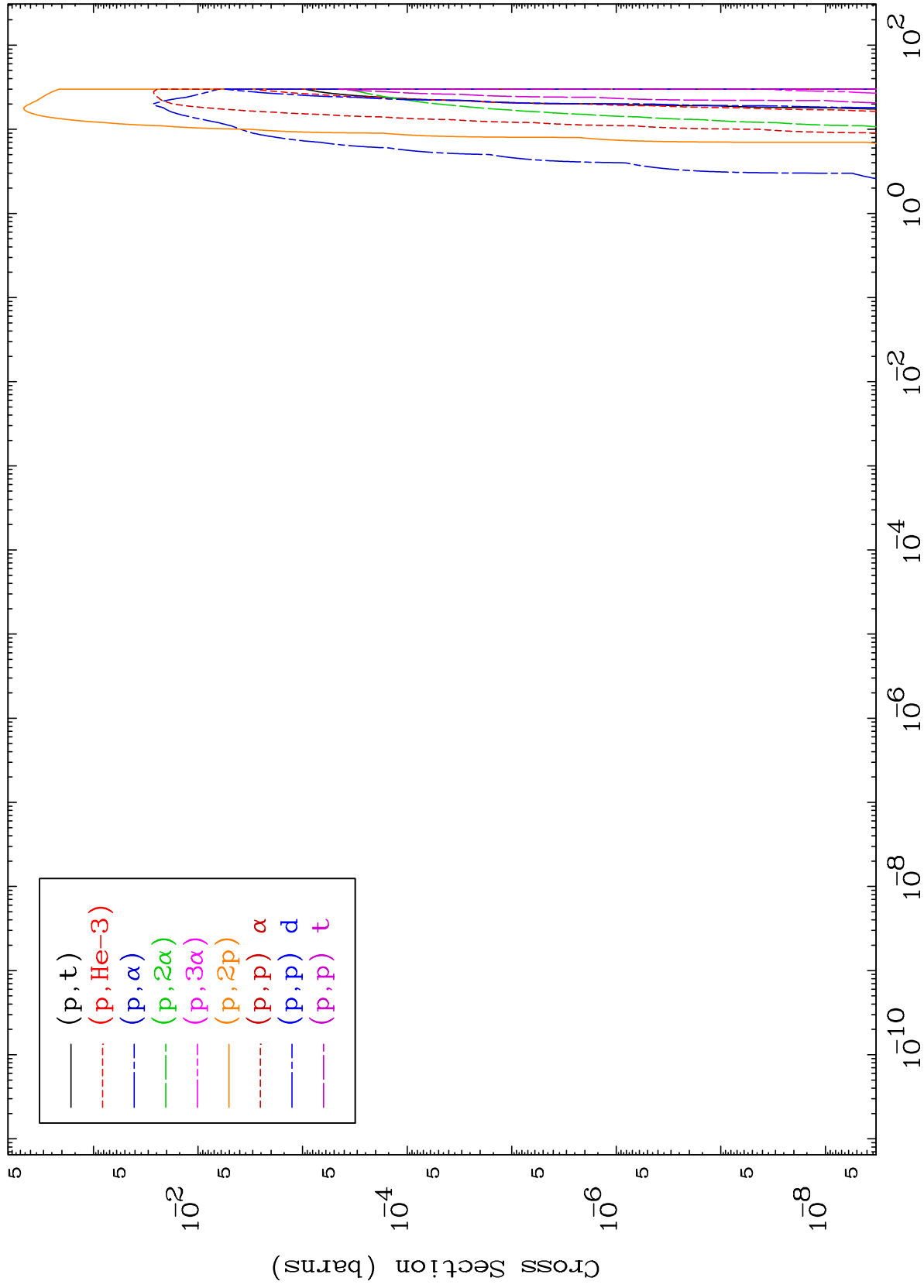
Incident Energy (MeV)

57-La-127

MAT 5693

Proton Charged Particle
0 Kelvin Cross Sections

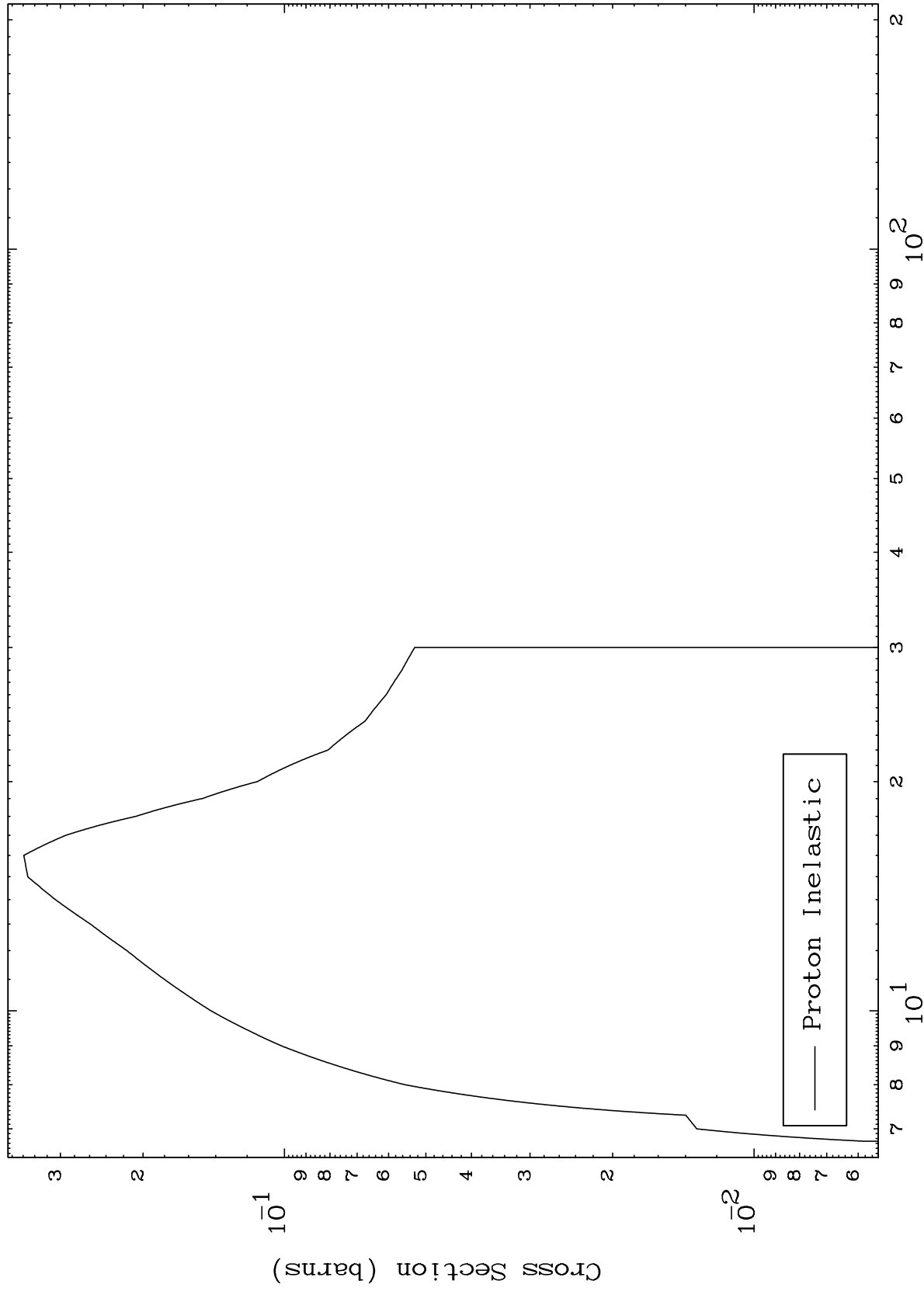
57-La-127



MAT 5693

(p,n') Level
0 Kelvin Cross Sections

57-La-127



5

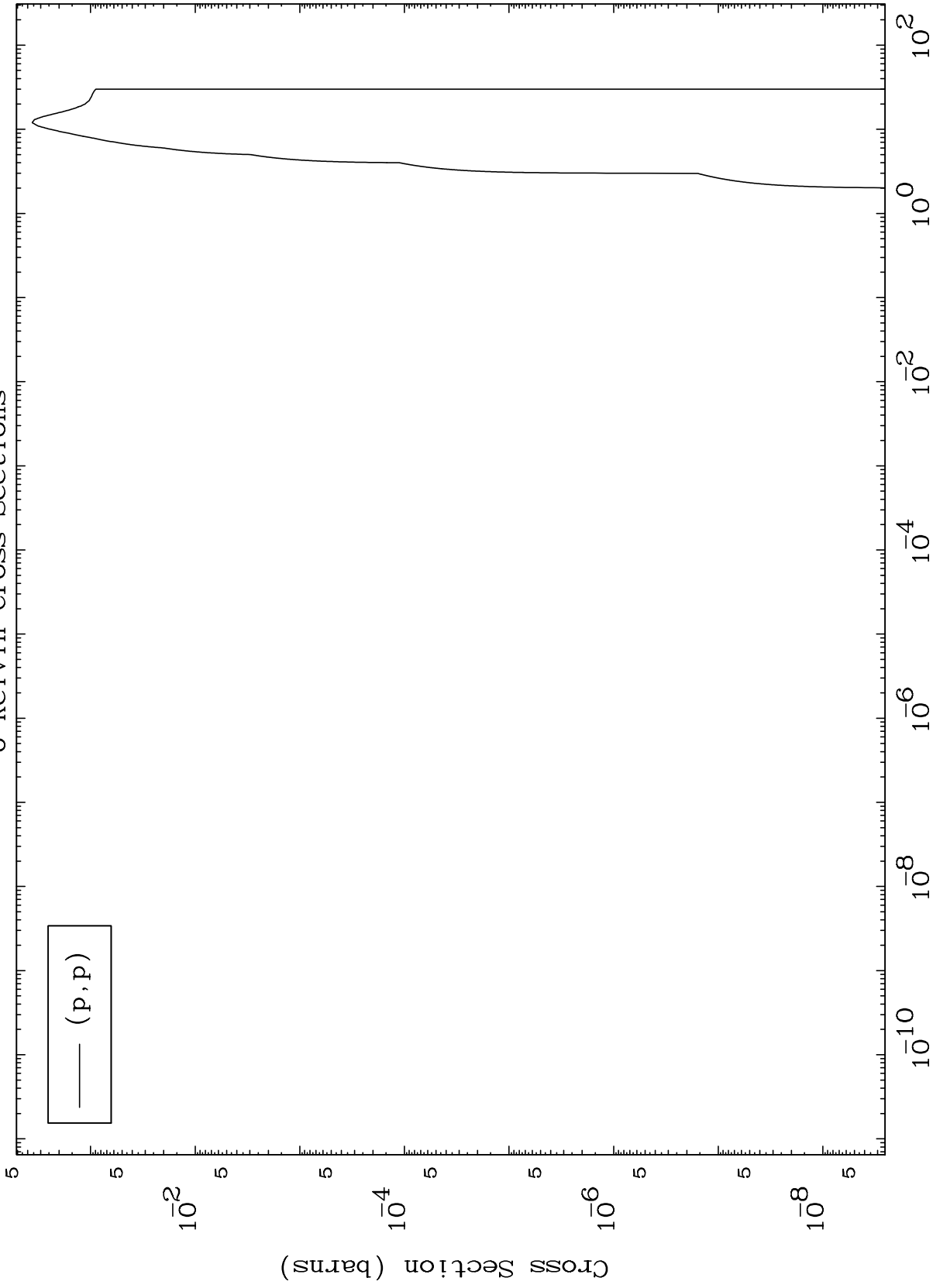
Incident Energy (MeV)

57-La-127

MAT 5693

(p,p) Levels
0 Kelvin Cross Sections

57-La-127



6

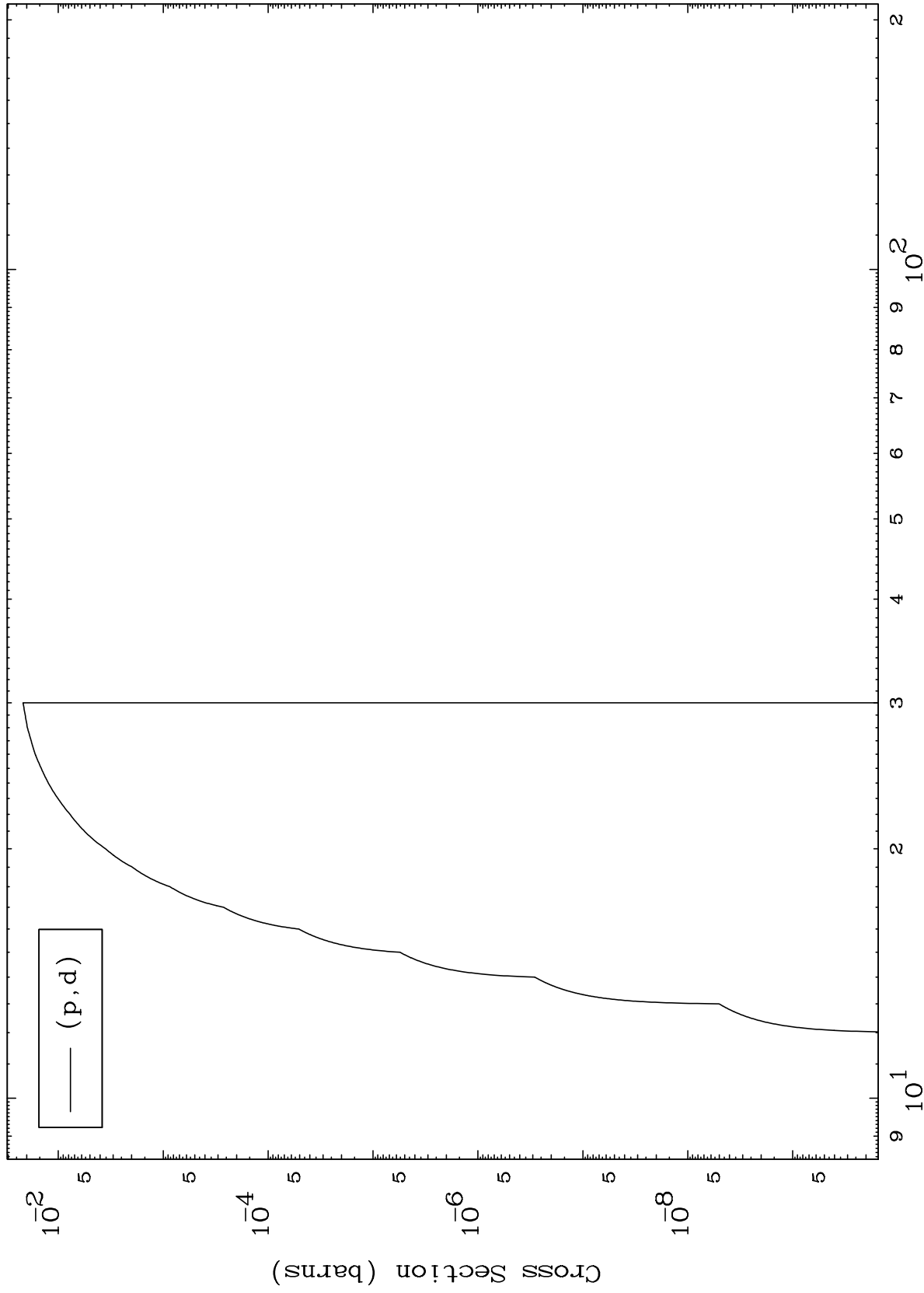
Incident Energy (MeV)

57-La-127

MAT 5693

57-La-127

(p,d) Levels
0 Kelvin Cross Sections



7

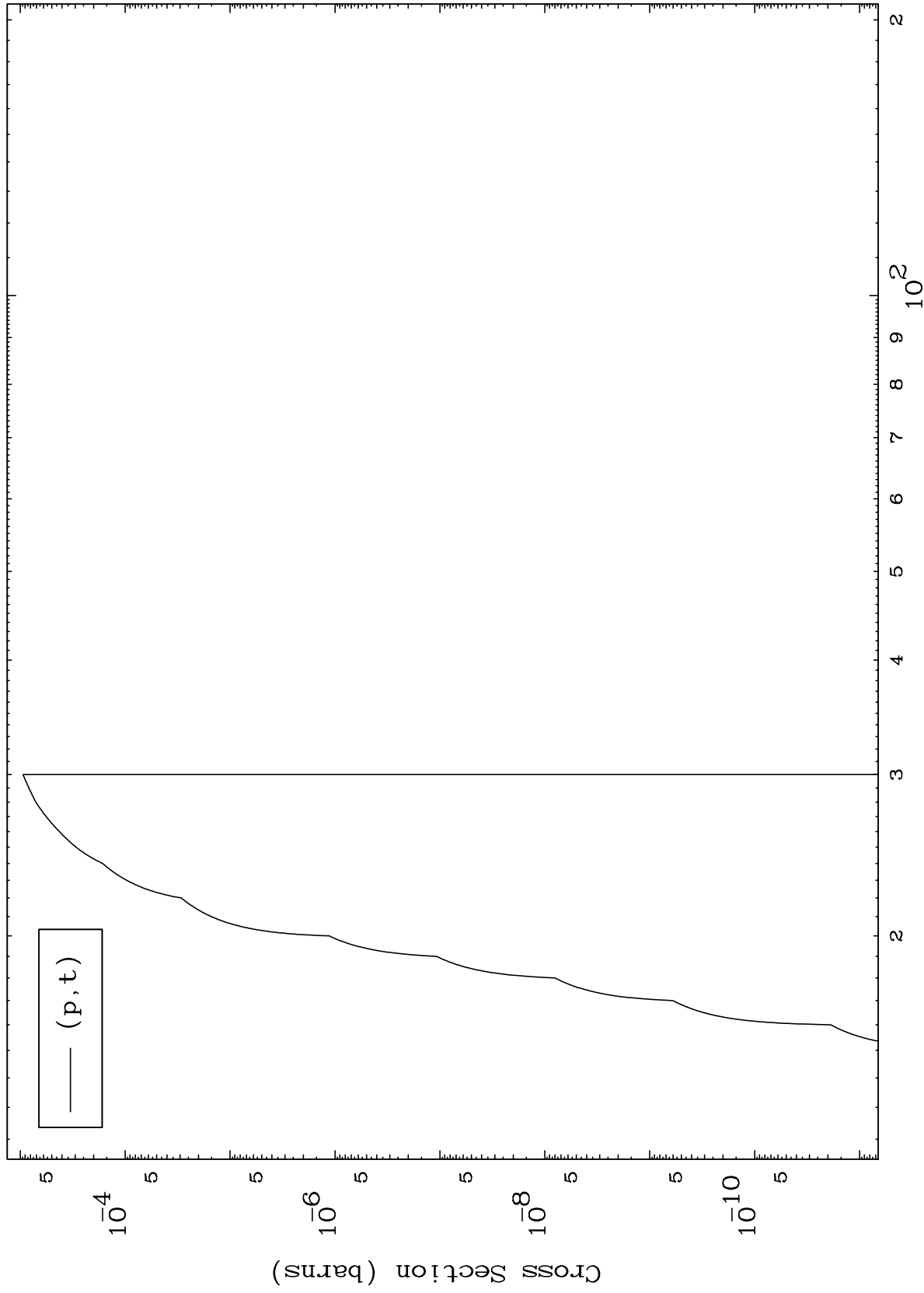
Incident Energy (MeV)

57-La-127

MAT 5693

57-La-127

(p,t) Levels
0 Kelvin Cross Sections



8

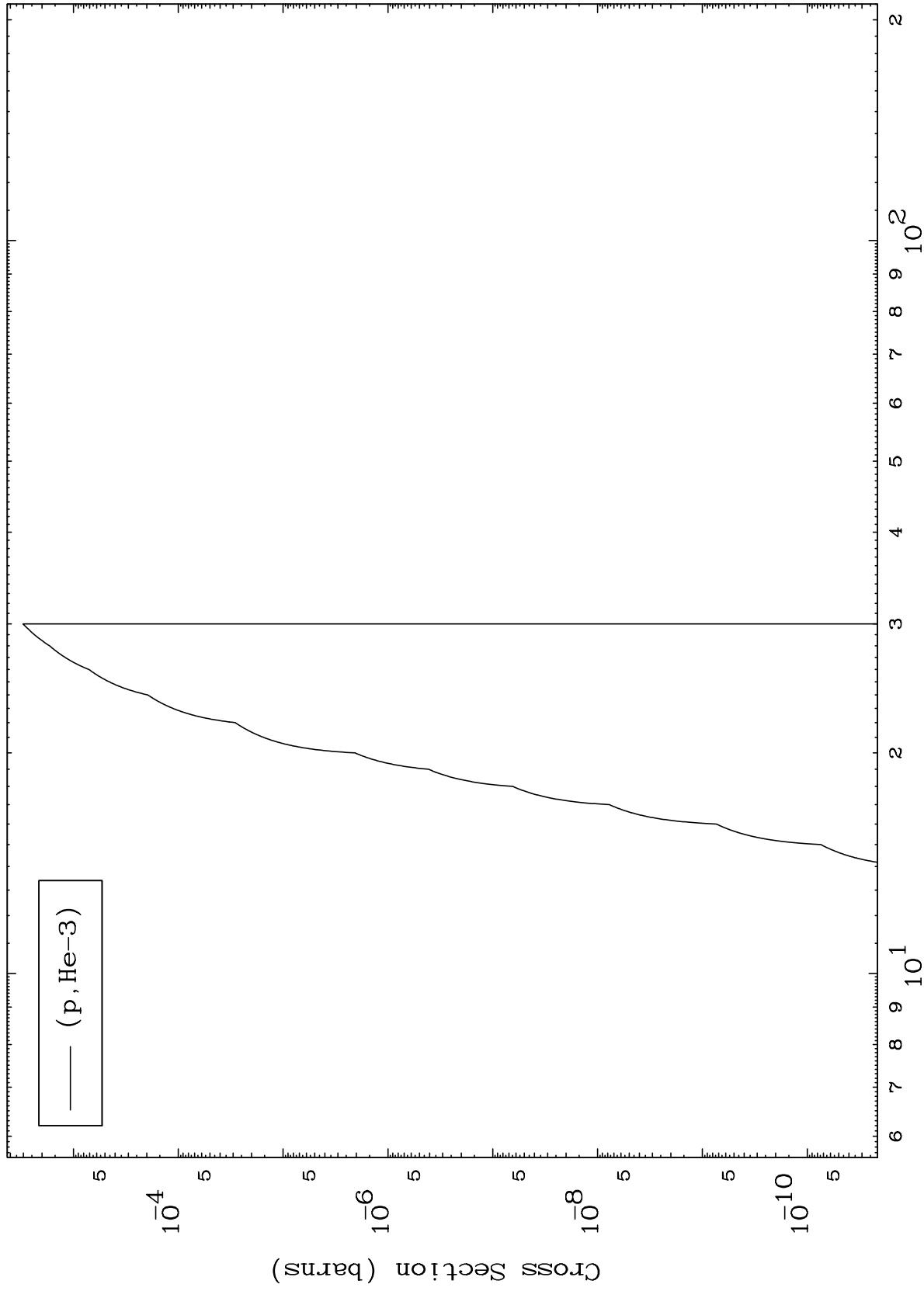
Incident Energy (MeV)

57-La-127

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(p,He3) Levels
0 Kelvin Cross Sections

57-La-127



9

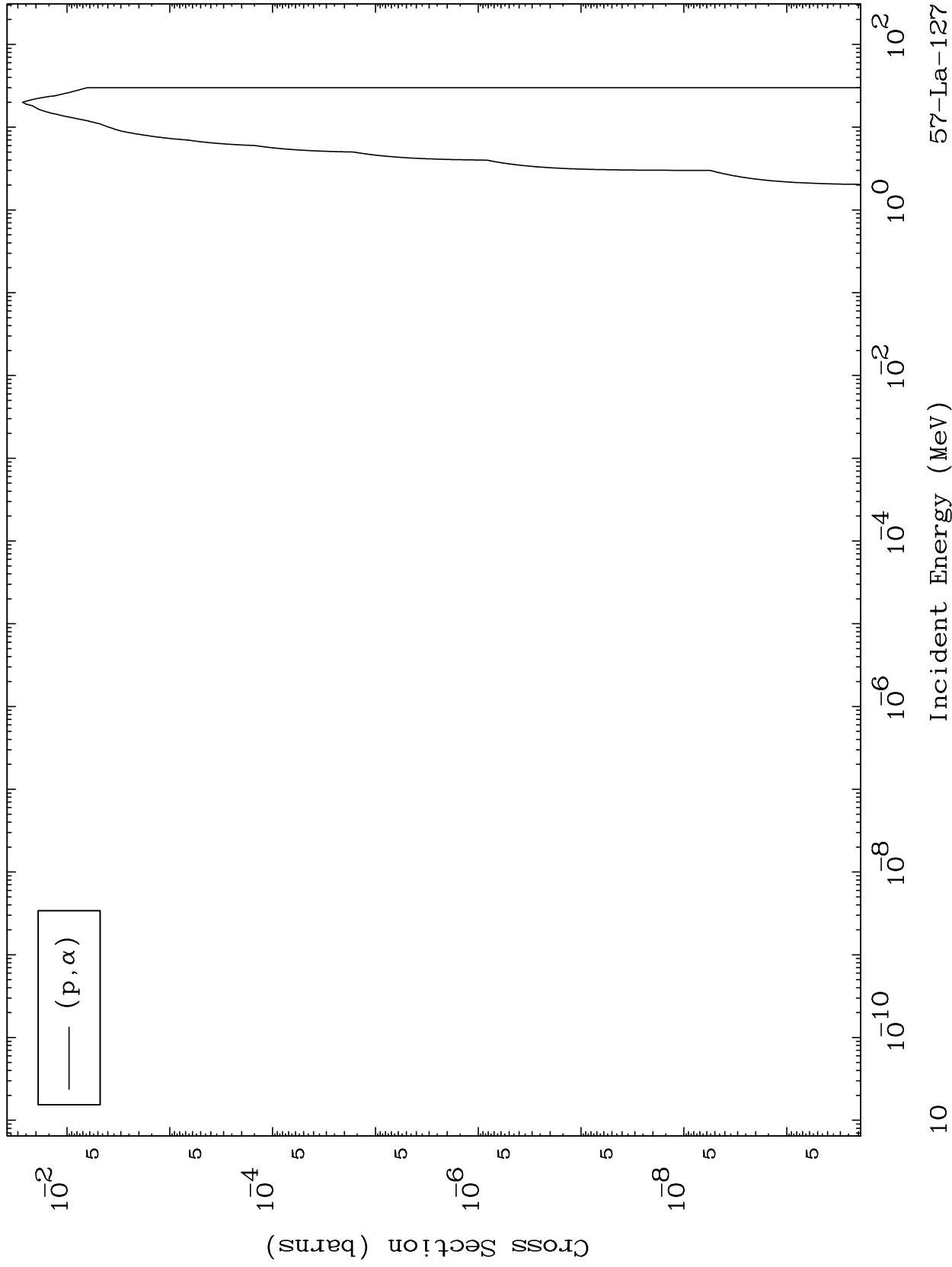
Incident Energy (MeV)

57-La-127

MAT 5693

(p, α) Levels
0 Kelvin Cross Sections

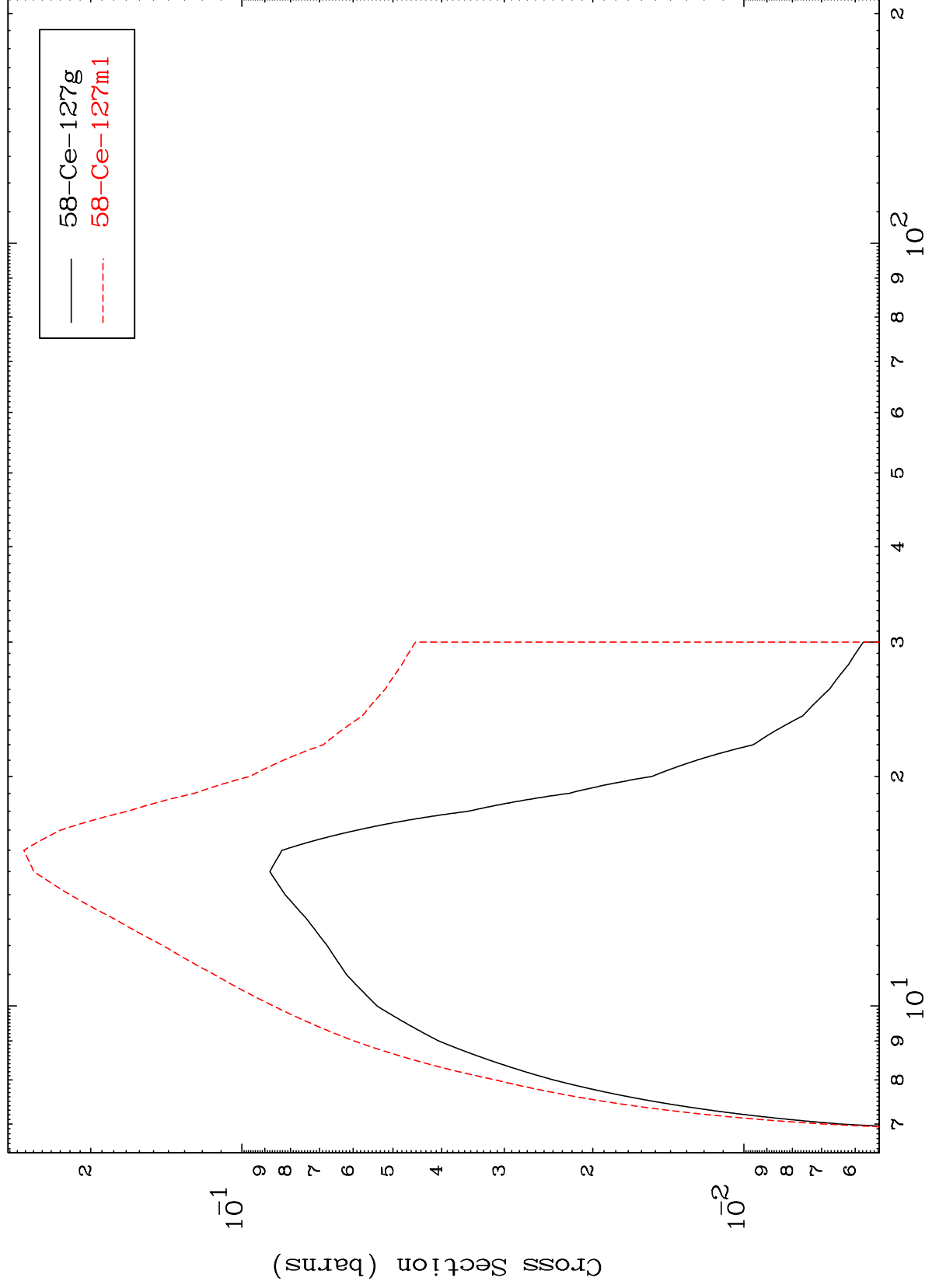
57-La-127



MAT 5693

57-La-127

Proton Inelastic
Radionuclide Production Cross Section



11

Incident Energy (MeV)

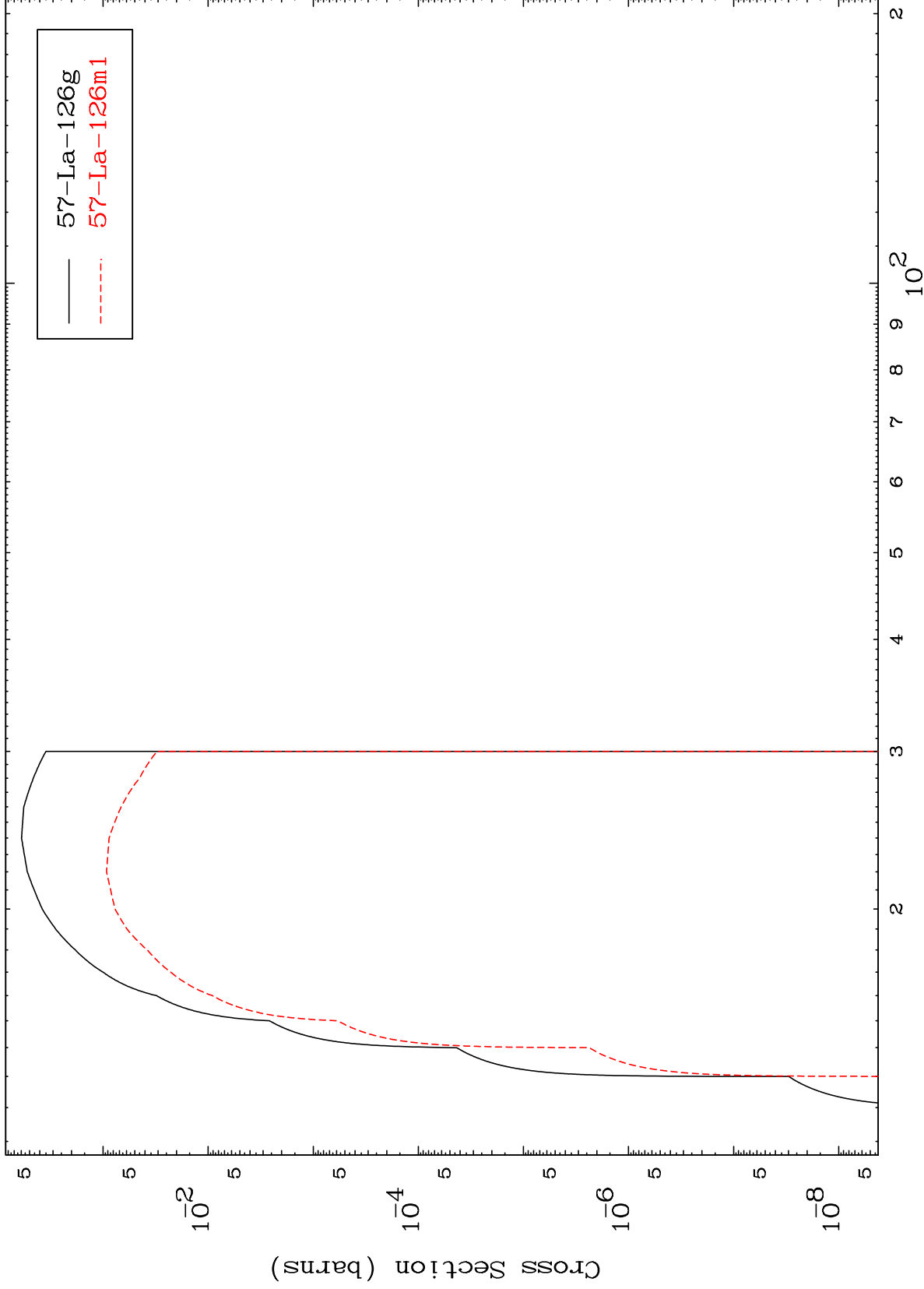
57-La-127

MAT 5693

(p,n') p

57-La-127

Radionuclide Production Cross Section



12

Incident Energy (MeV)

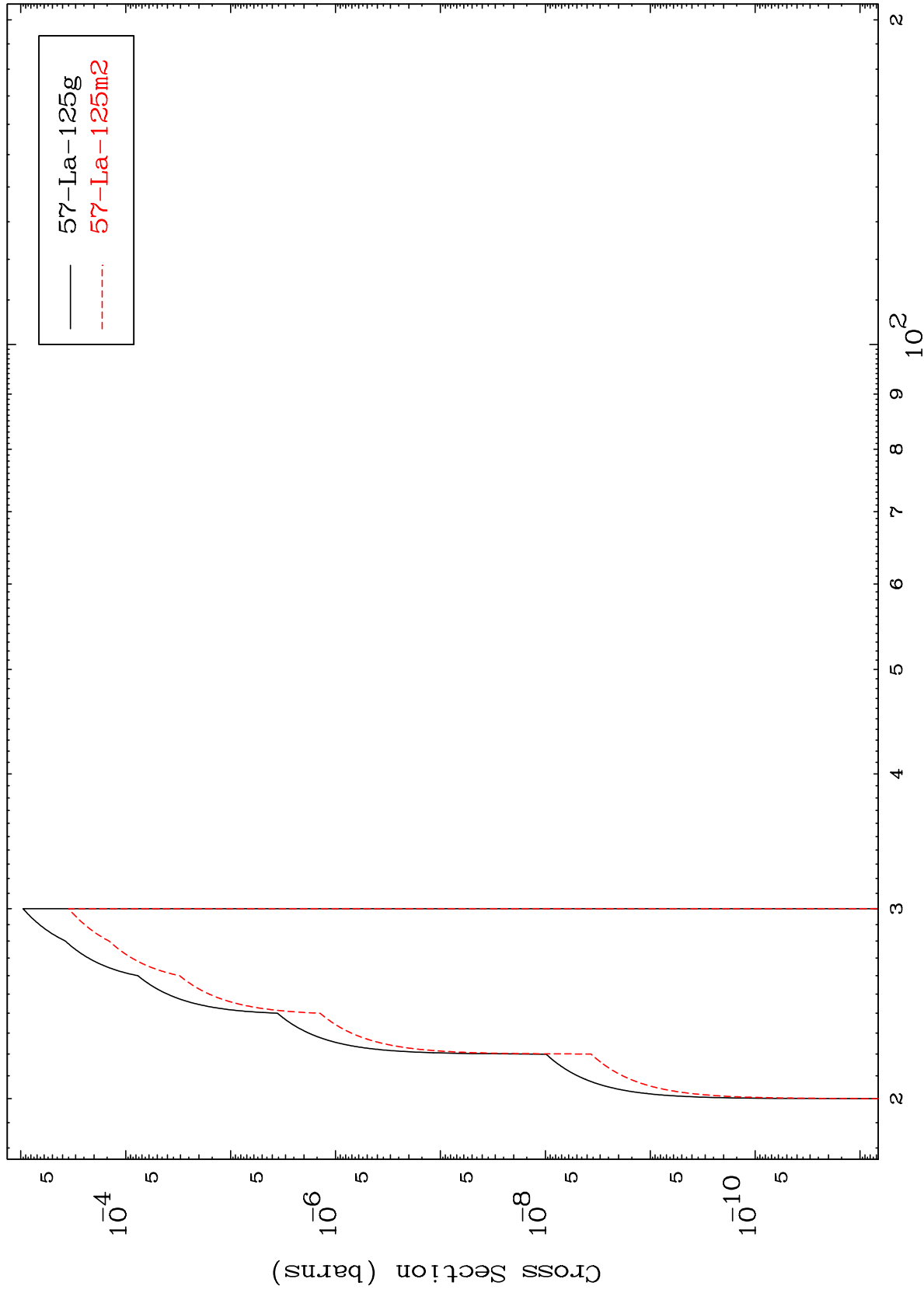
57-La-127

MAT 5693

(p,n') d

57-La-127

Radionuclide Production Cross Section



13

Incident Energy (MeV)

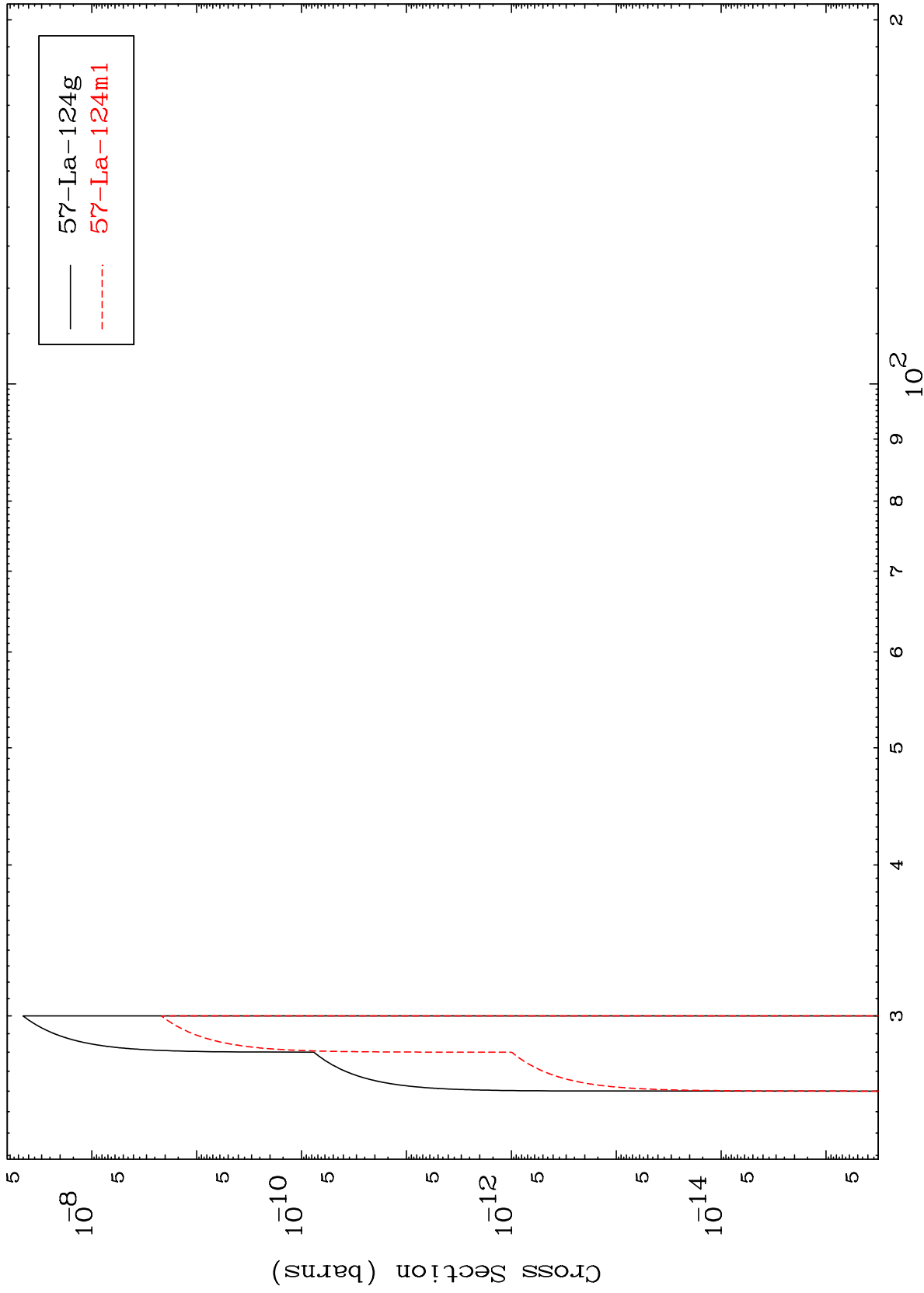
57-La-127

MAT 5693

(p,n') t

57-La-127

Radionuclide Production Cross Section



14

Incident Energy (MeV)

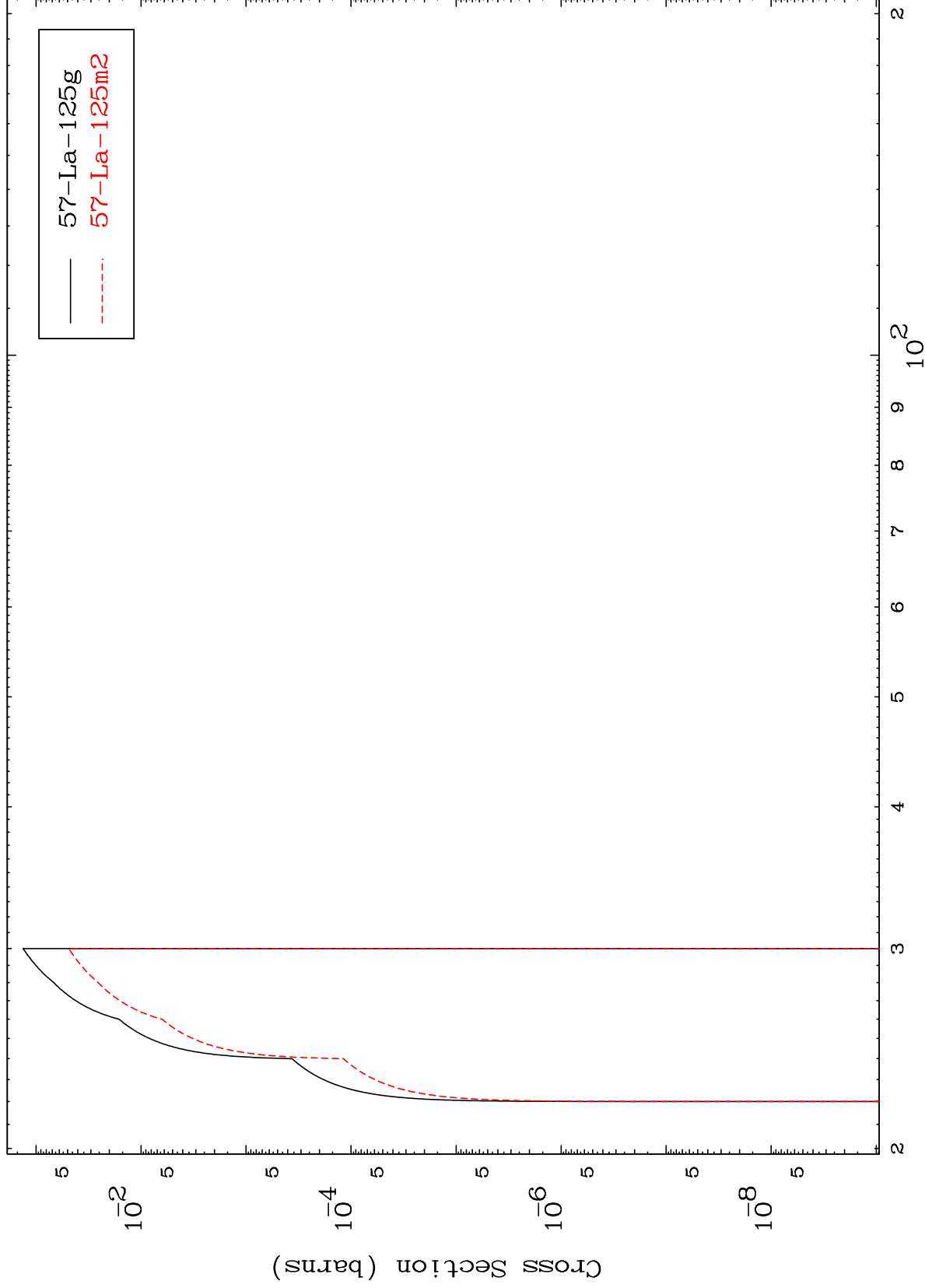
57-La-127

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(p,2n) p

57-La-127

Radionuclide Production Cross Section



15

Incident Energy (MeV)

10^2

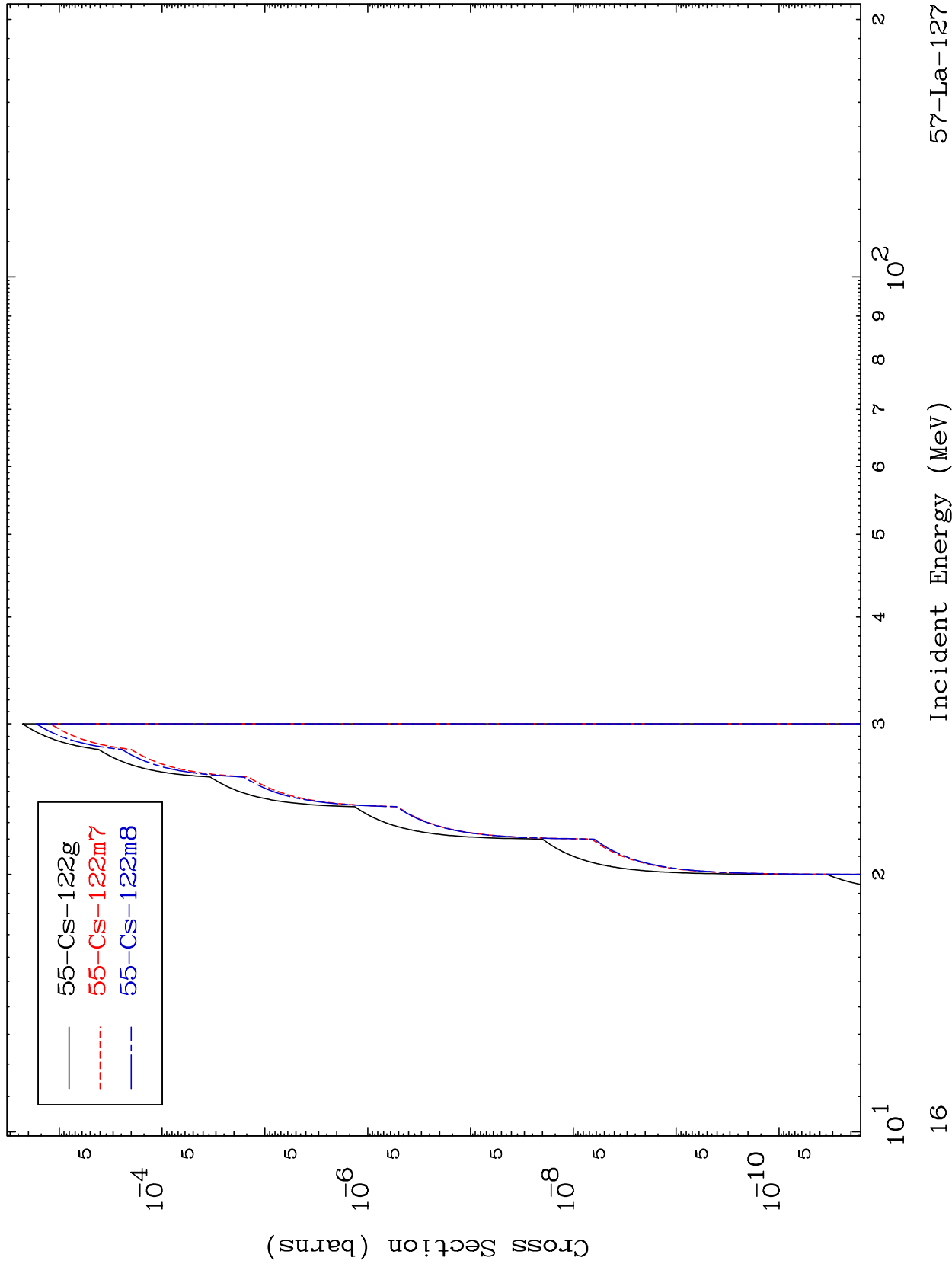
57-La-127

MAT 5693

(p,n') p α

57-La-127

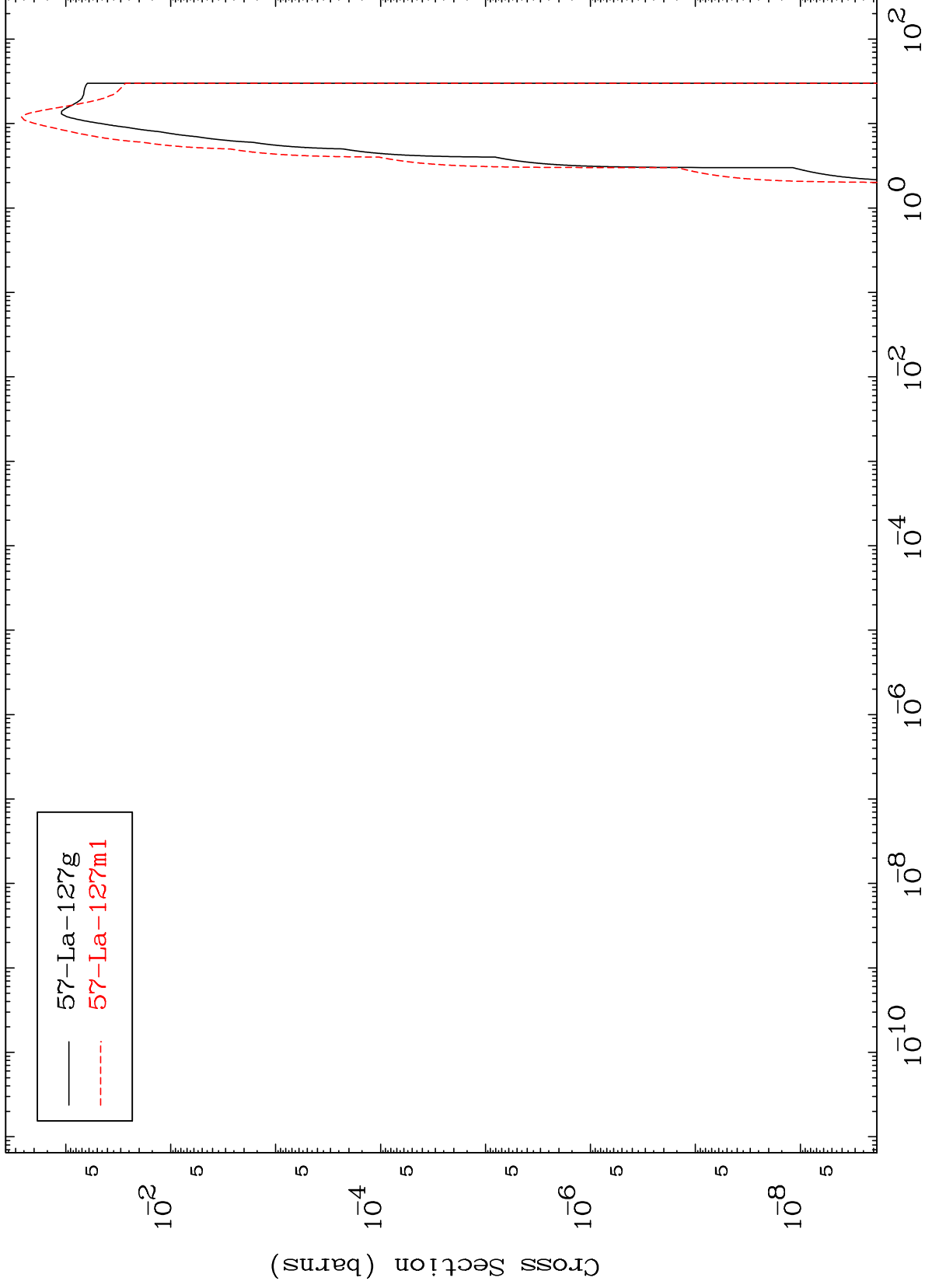
Radionuclide Production Cross Section



MAT 5693

Radionuclide Production Cross Section
(p,p)

⁵⁷La-127



17

Incident Energy (MeV)

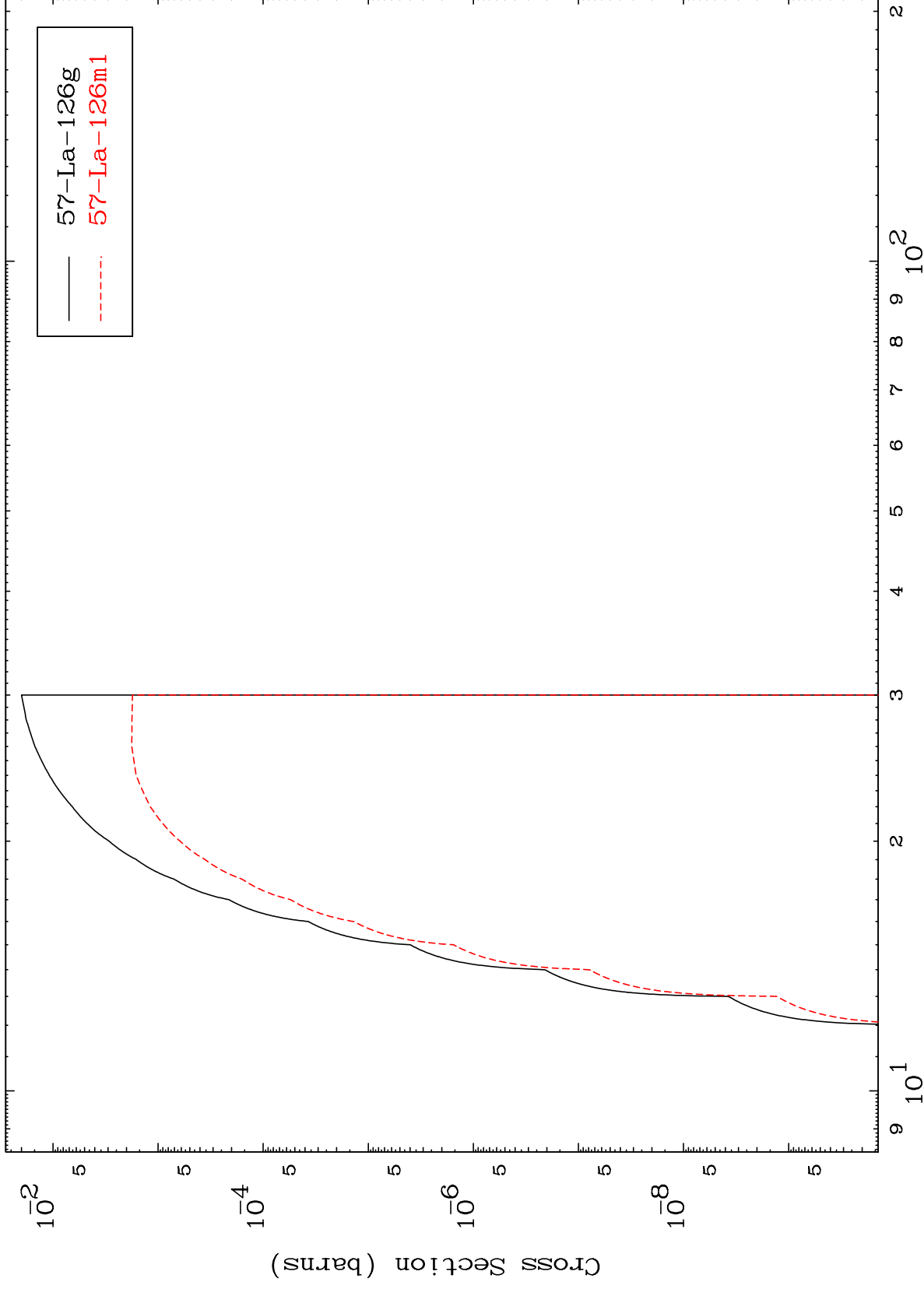
⁵⁷La-127

MAT 5693

(p,d)

57-La-127

Radionuclide Production Cross Section



18

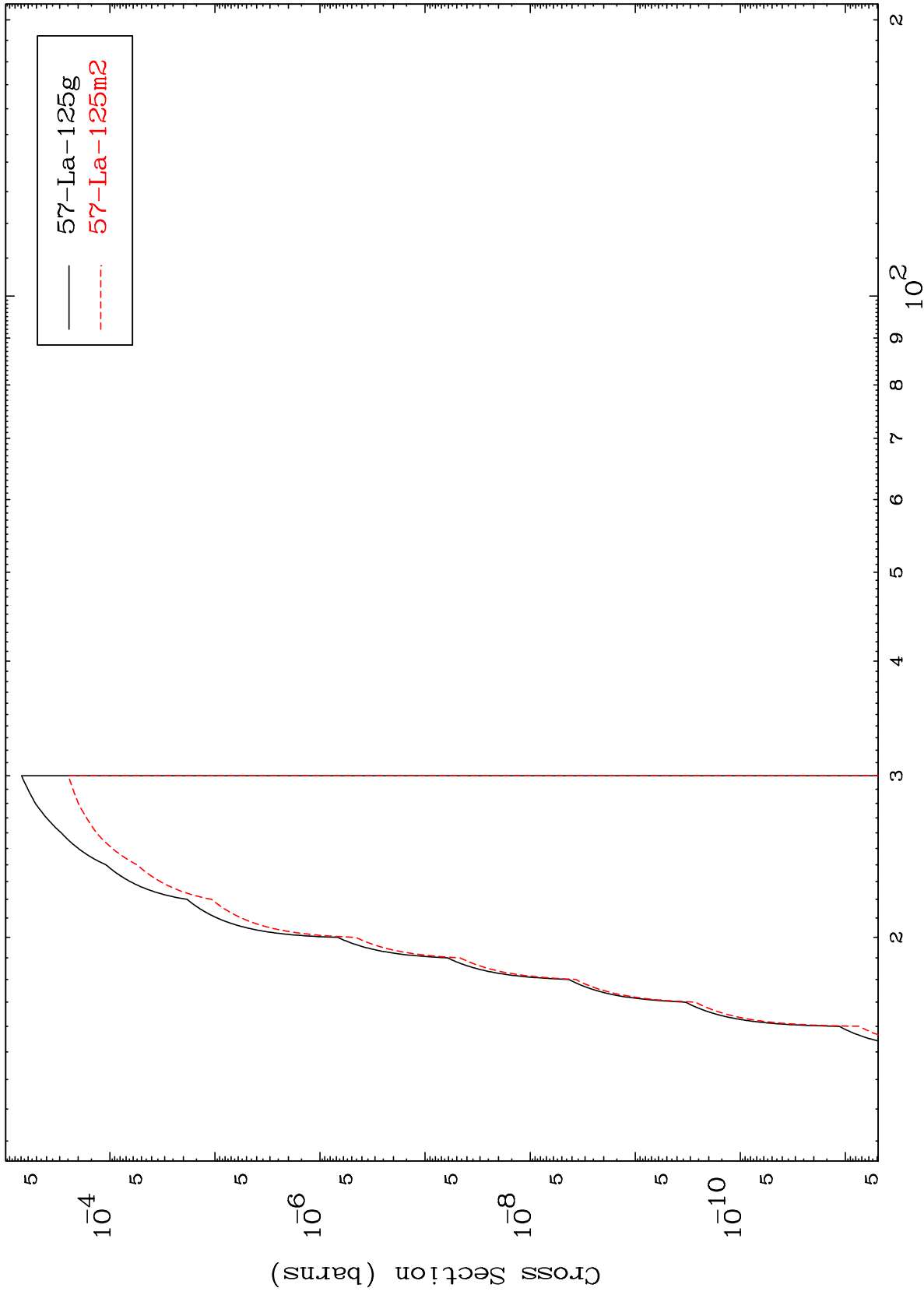
Incident Energy (MeV)

57-La-127

MAT 5693

57-La-127

(p,t)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

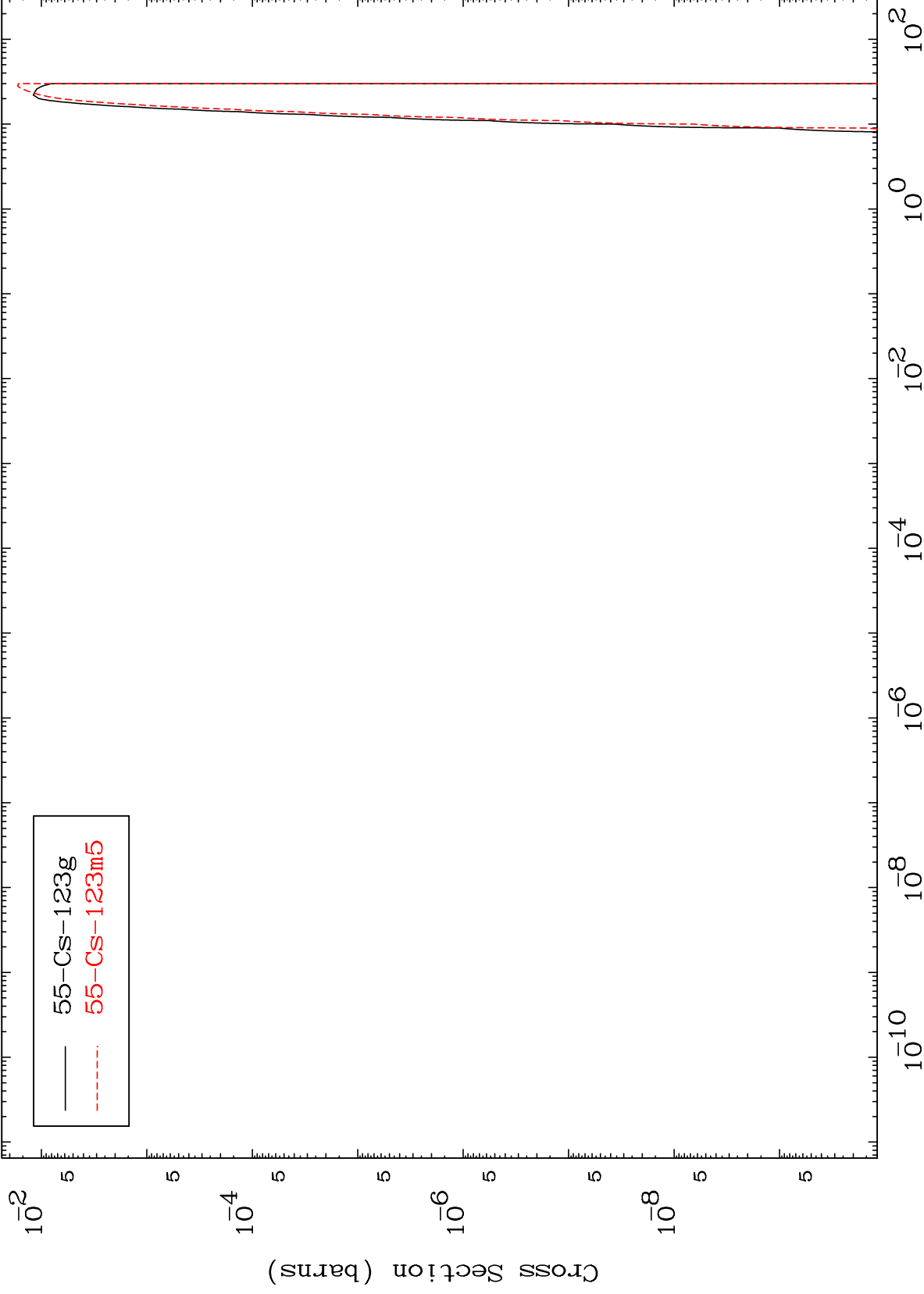
57-La-127

MAT 5693

(p,p) α

57-La-127

Radionuclide Production Cross Section



20

Incident Energy (MeV)

57-La-127

(p,d) α
Radionuclide Production Cross Section

