

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

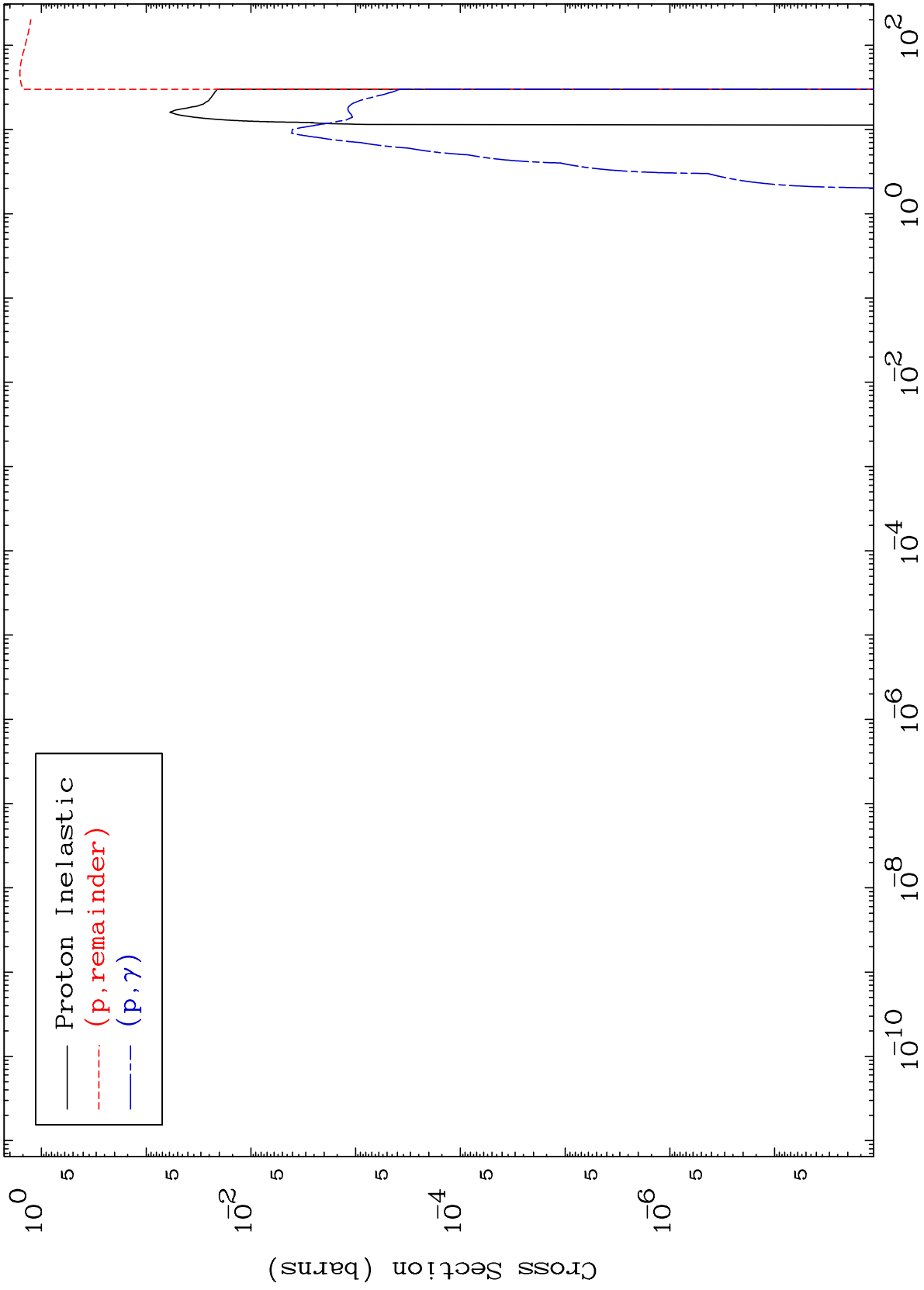
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

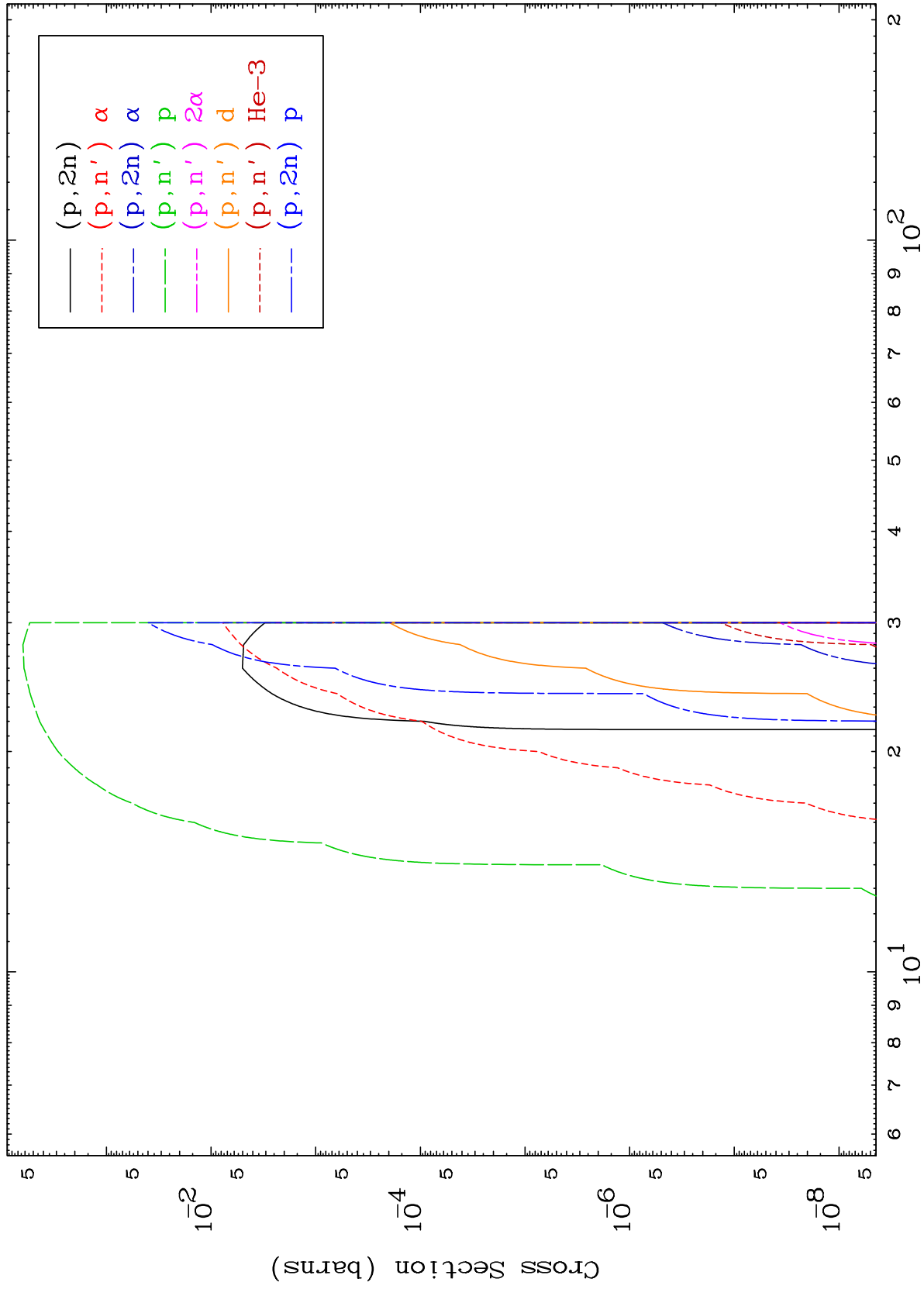
MAT 6395

Proton Major
0 Kelvin Cross Sections

64-Gd-142



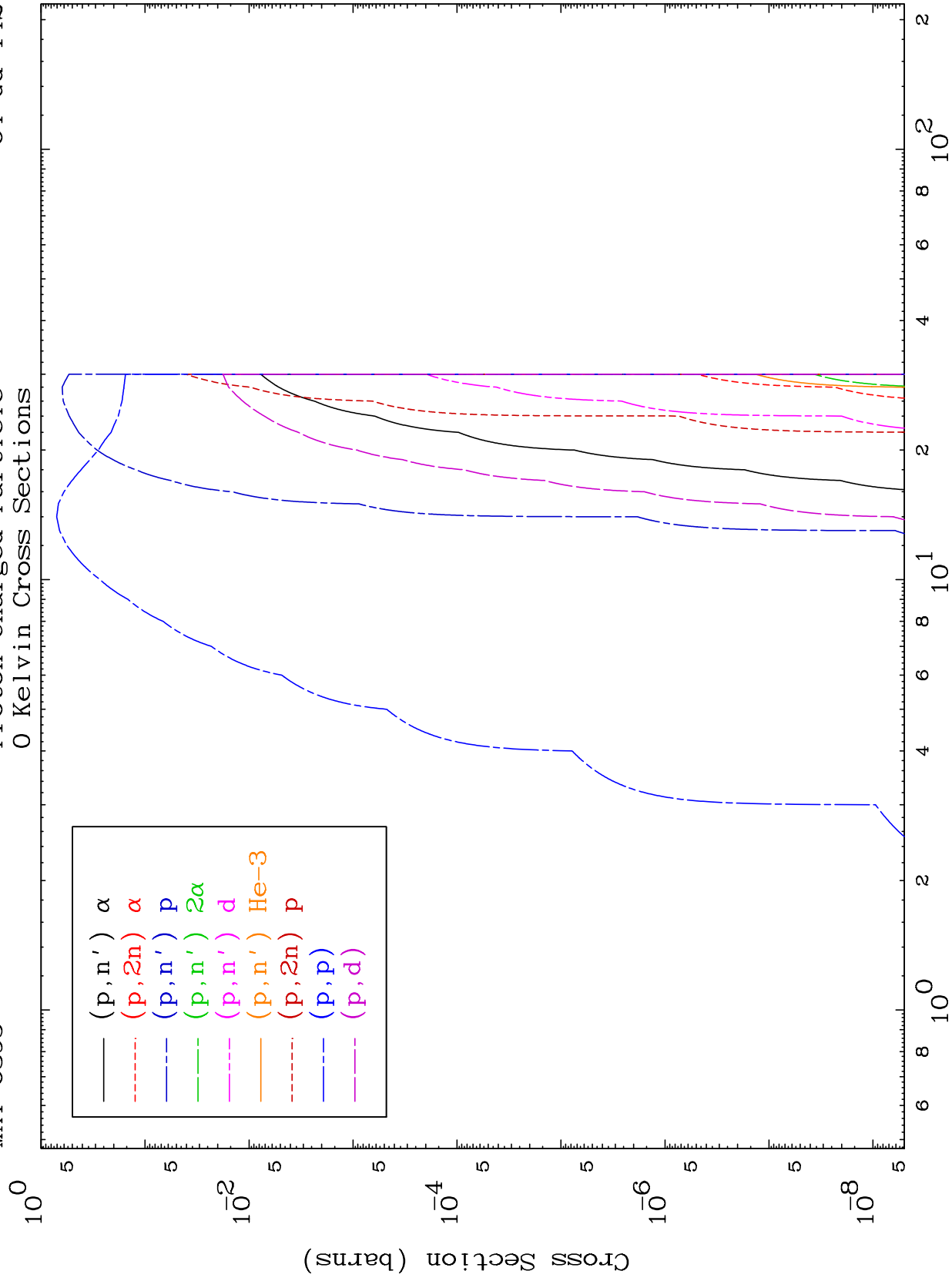
64-Gd-142



MAT 6395

Proton Charged Particle
0 Kelvin Cross Sections

64-Gd-142



3

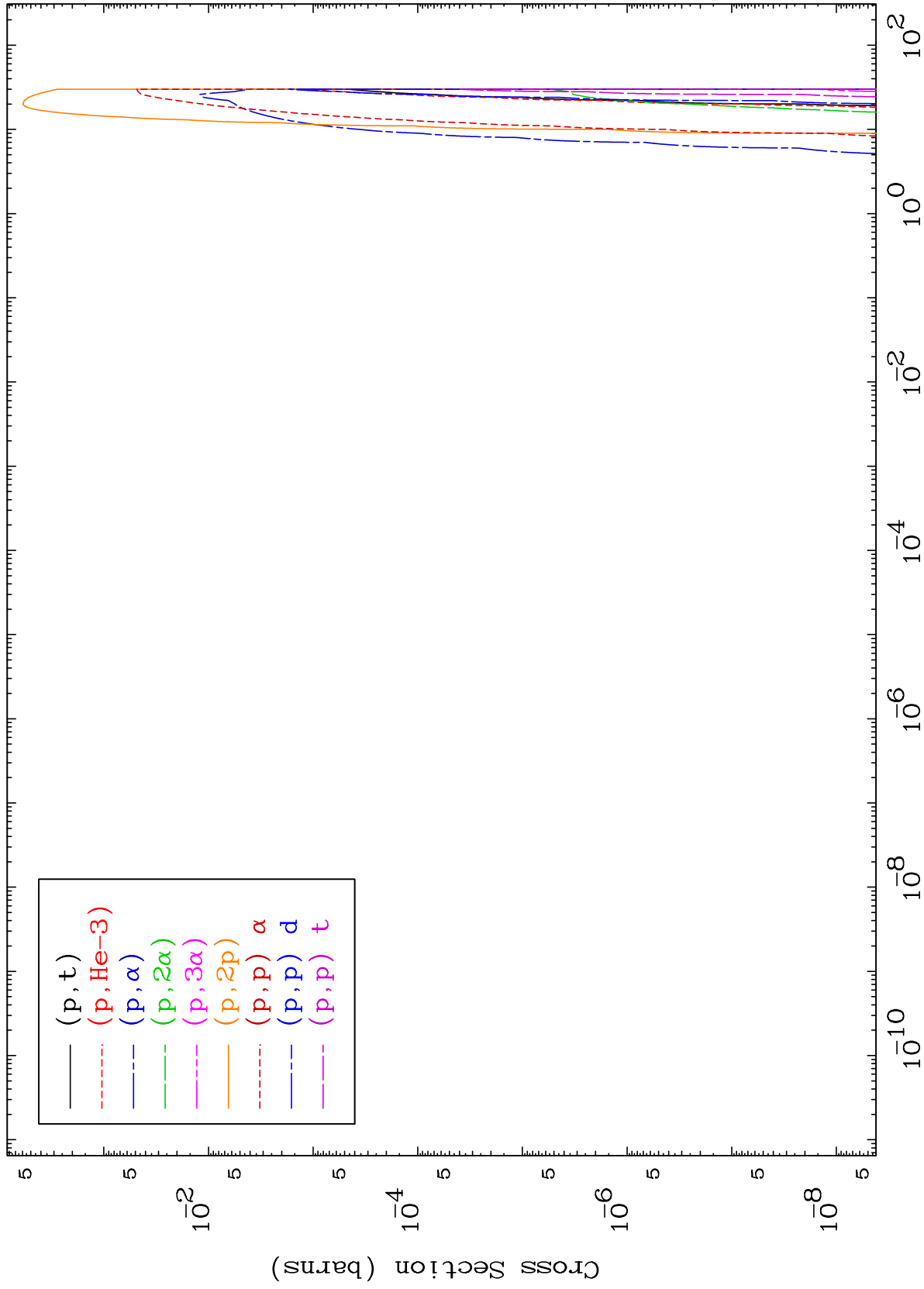
Incident Energy (MeV)

64-Gd-142

MAT 6395

Proton Charged Particle
0 Kelvin Cross Sections

64-Gd-142

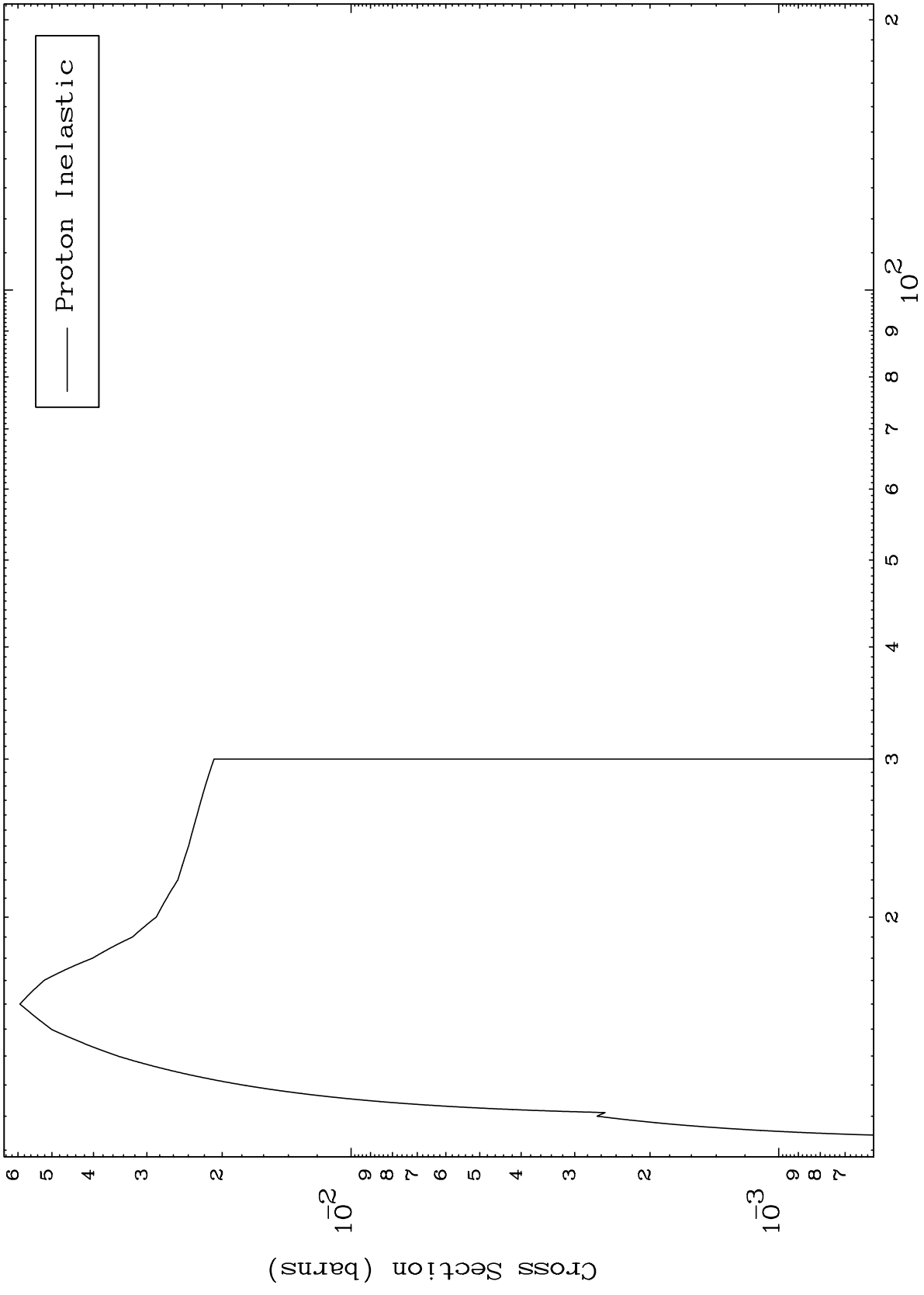


64-Gd-142

MAT 6395

(p,n') Level
0 Kelvin Cross Sections

64-Gd-142



5

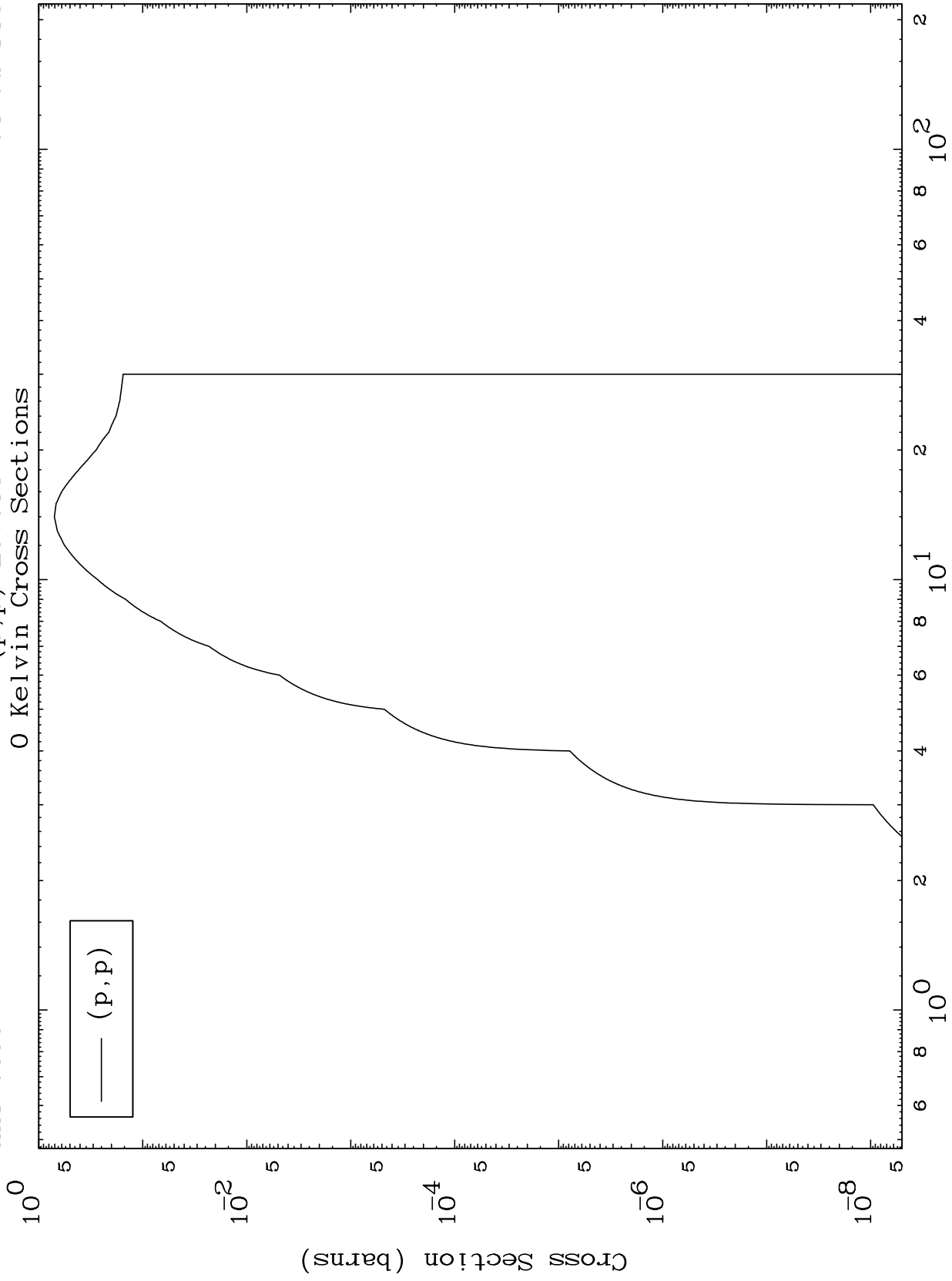
Incident Energy (MeV)

64-Gd-142

MAT 6395

64-Gd-142

(p,p) Levels
0 Kelvin Cross Sections



6

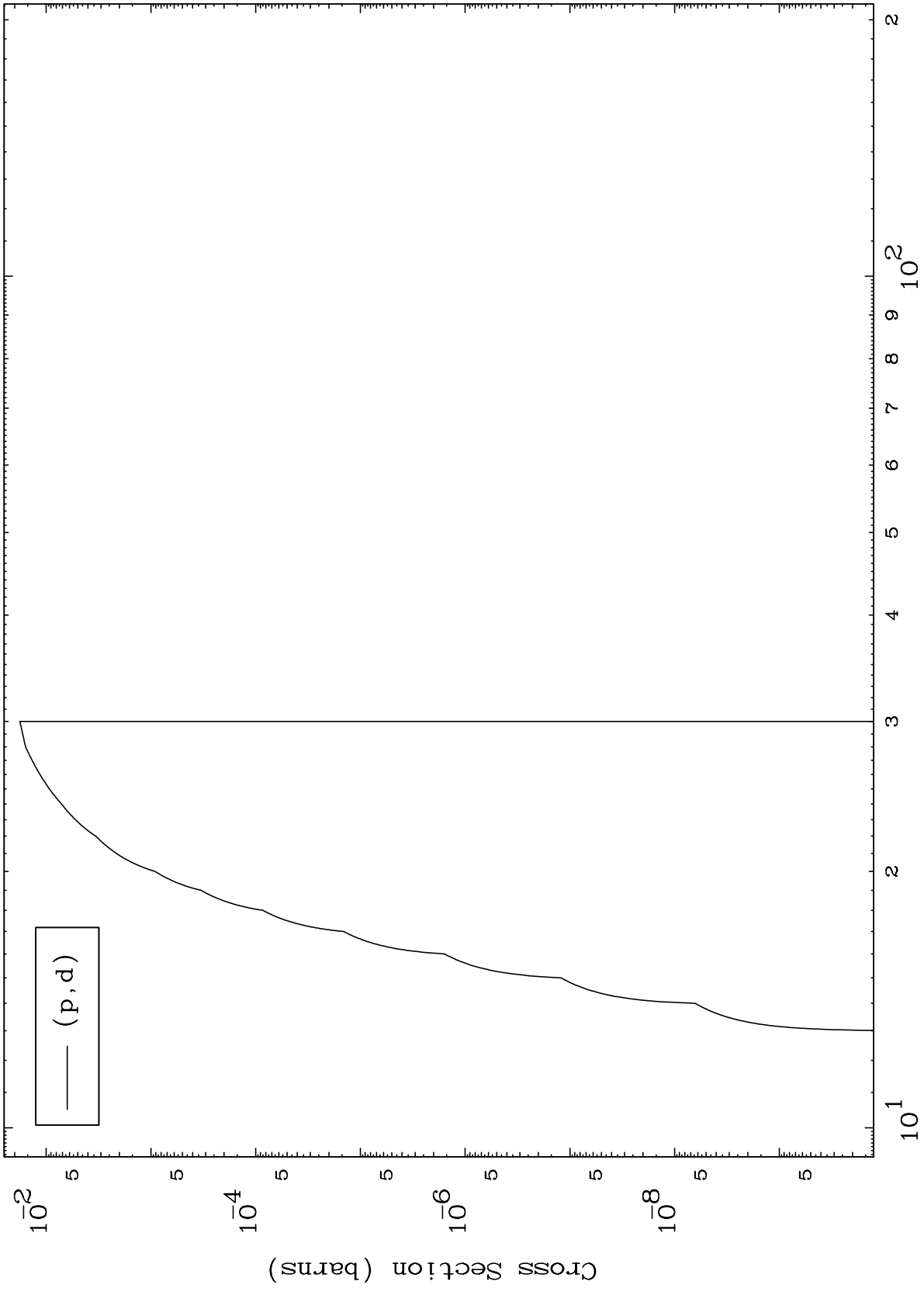
Incident Energy (MeV)

64-Gd-142

MAT 6395

(p,d) Levels
0 Kelvin Cross Sections

64-Gd-142



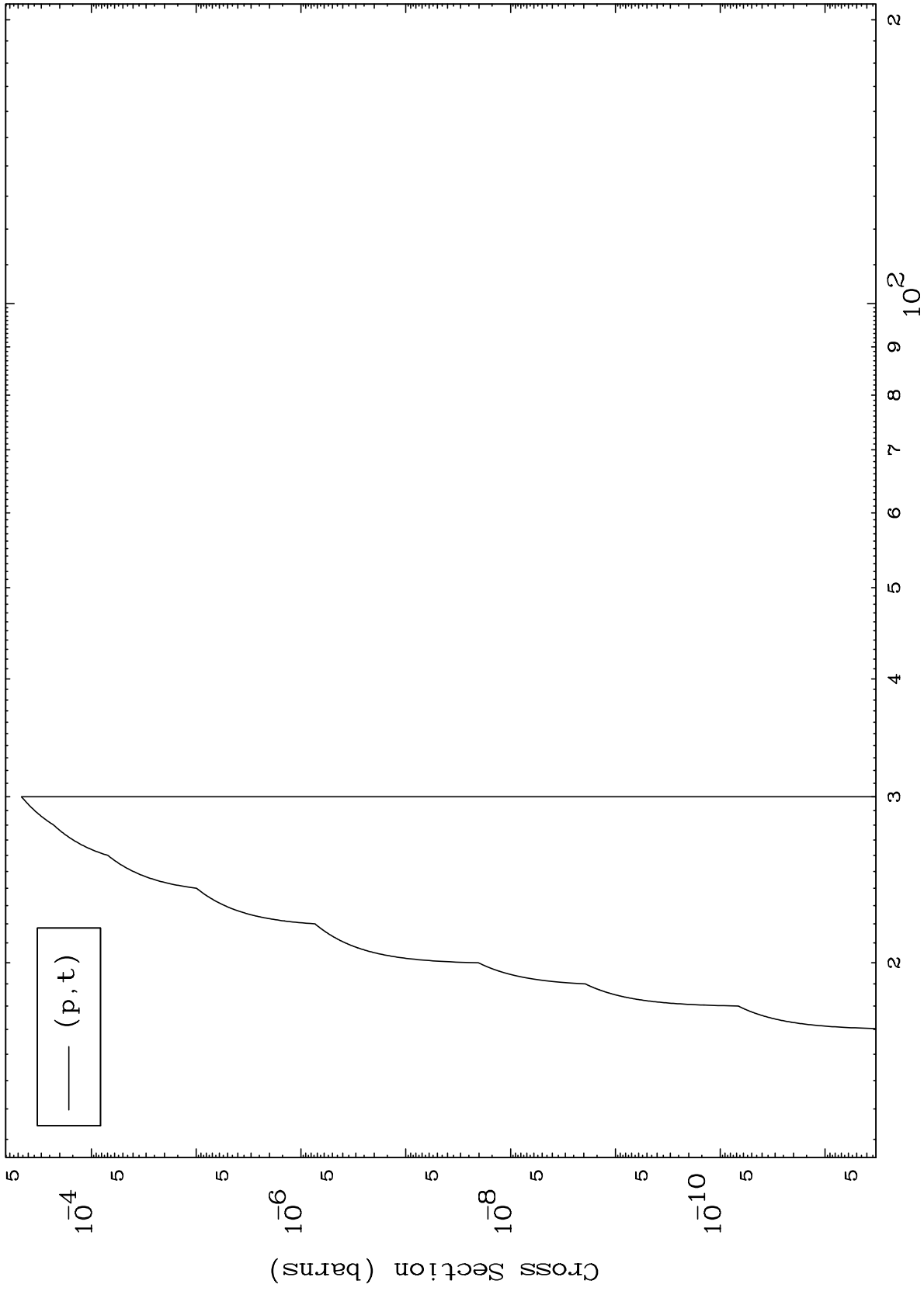
Incident Energy (MeV)

64-Gd-142

MAT 6395

(p,t) Levels
0 Kelvin Cross Sections

64-Gd-142



8

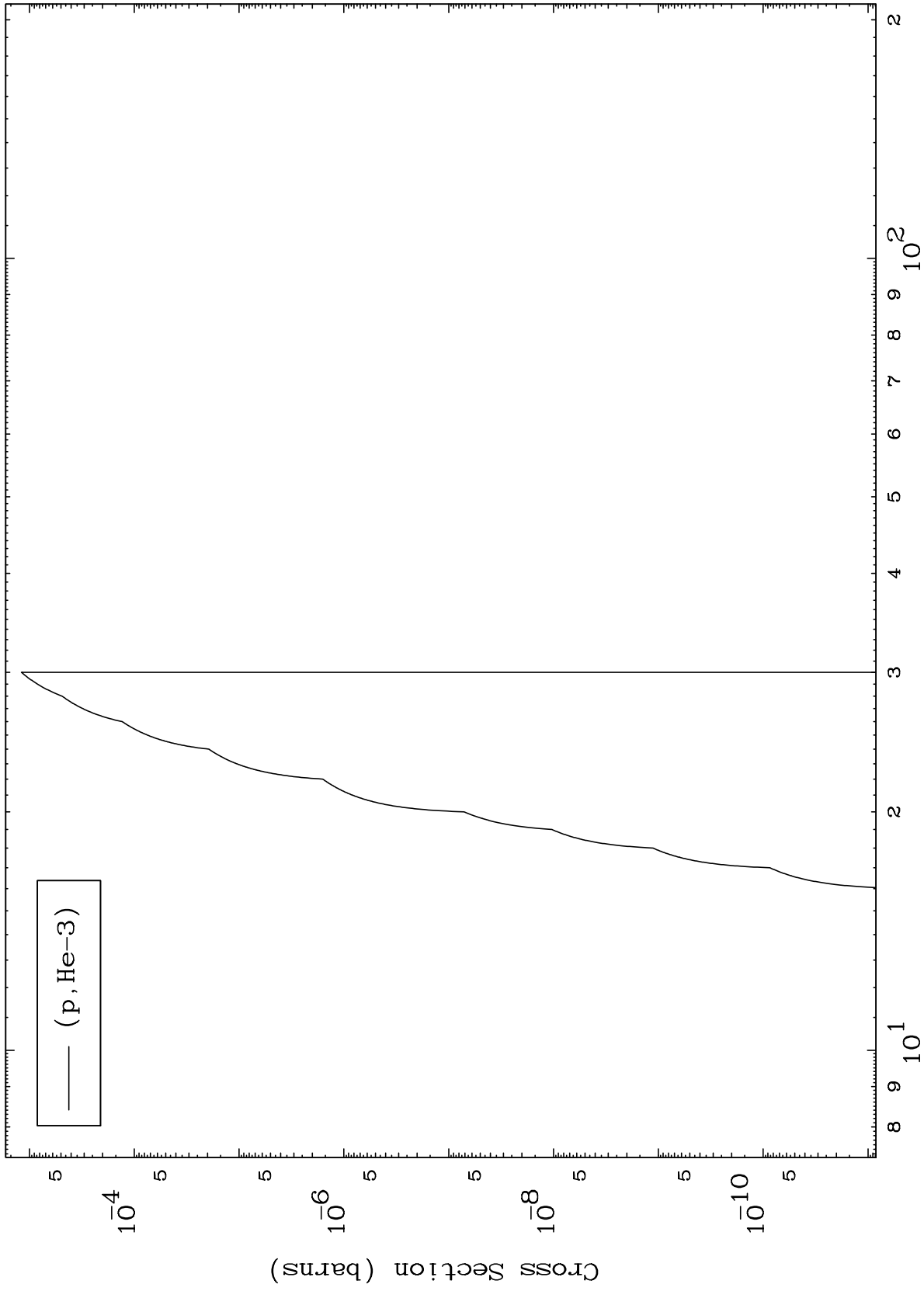
Incident Energy (MeV)

64-Gd-142

MAT 6395

(p,He3) Levels
0 Kelvin Cross Sections

64-Gd-142



9

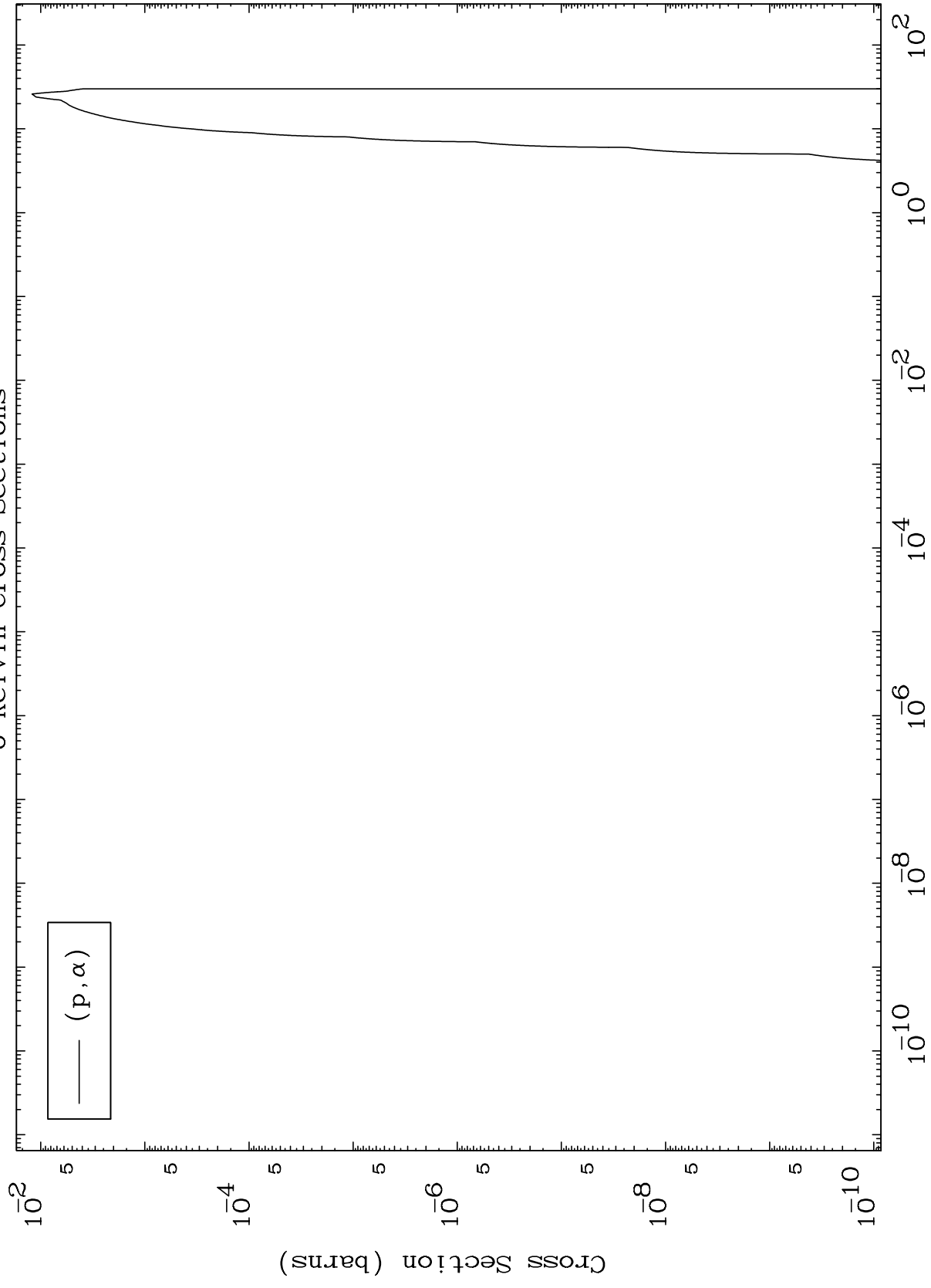
Incident Energy (MeV)

64-Gd-142

MAT 6395

(p, α) Levels
0 Kelvin Cross Sections

64-Gd-142



10

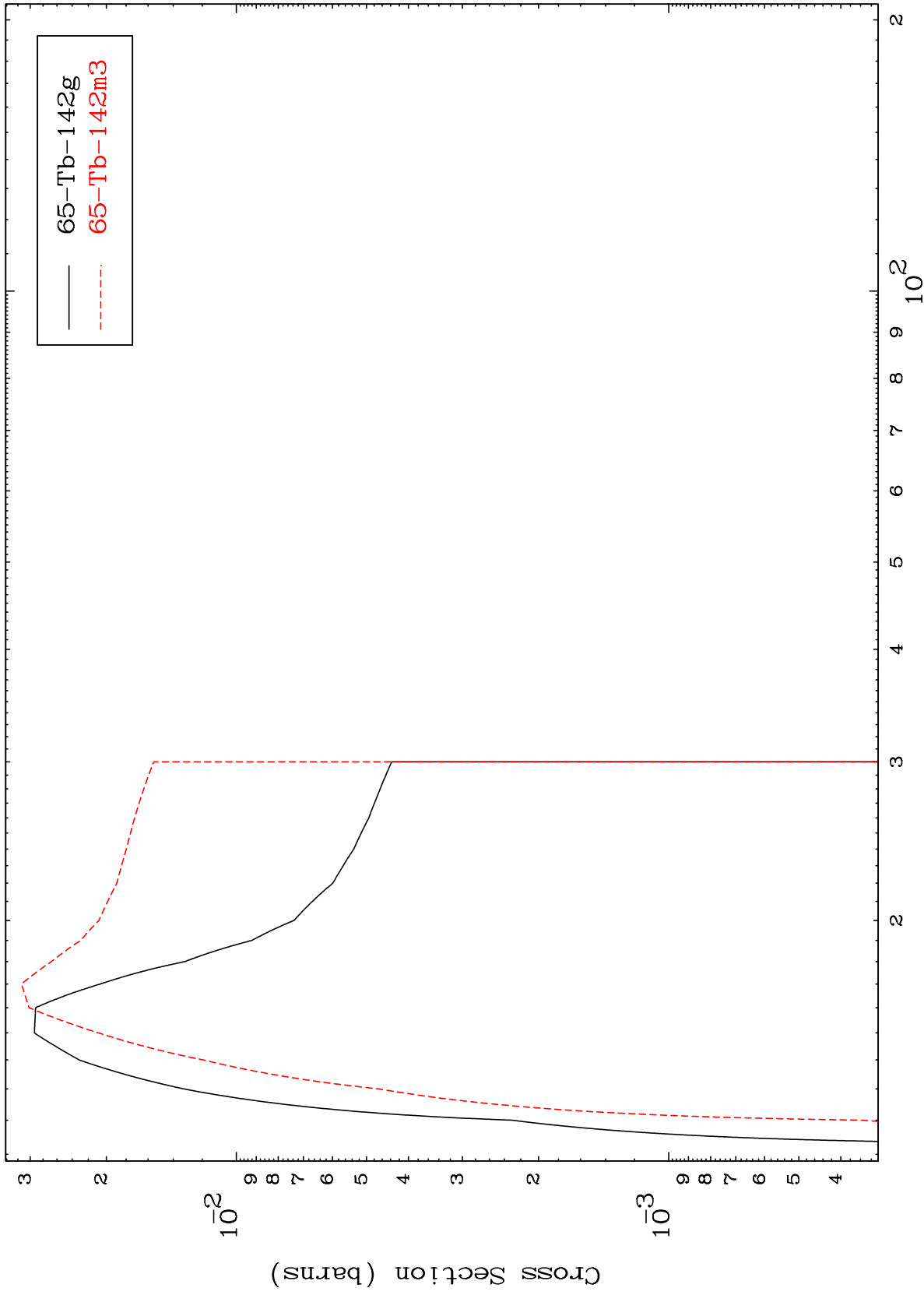
Incident Energy (MeV)

64-Gd-142

MAT 6395

Proton Inelastic
Radionuclide Production Cross Section

64-Gd-142



11

Incident Energy (MeV)

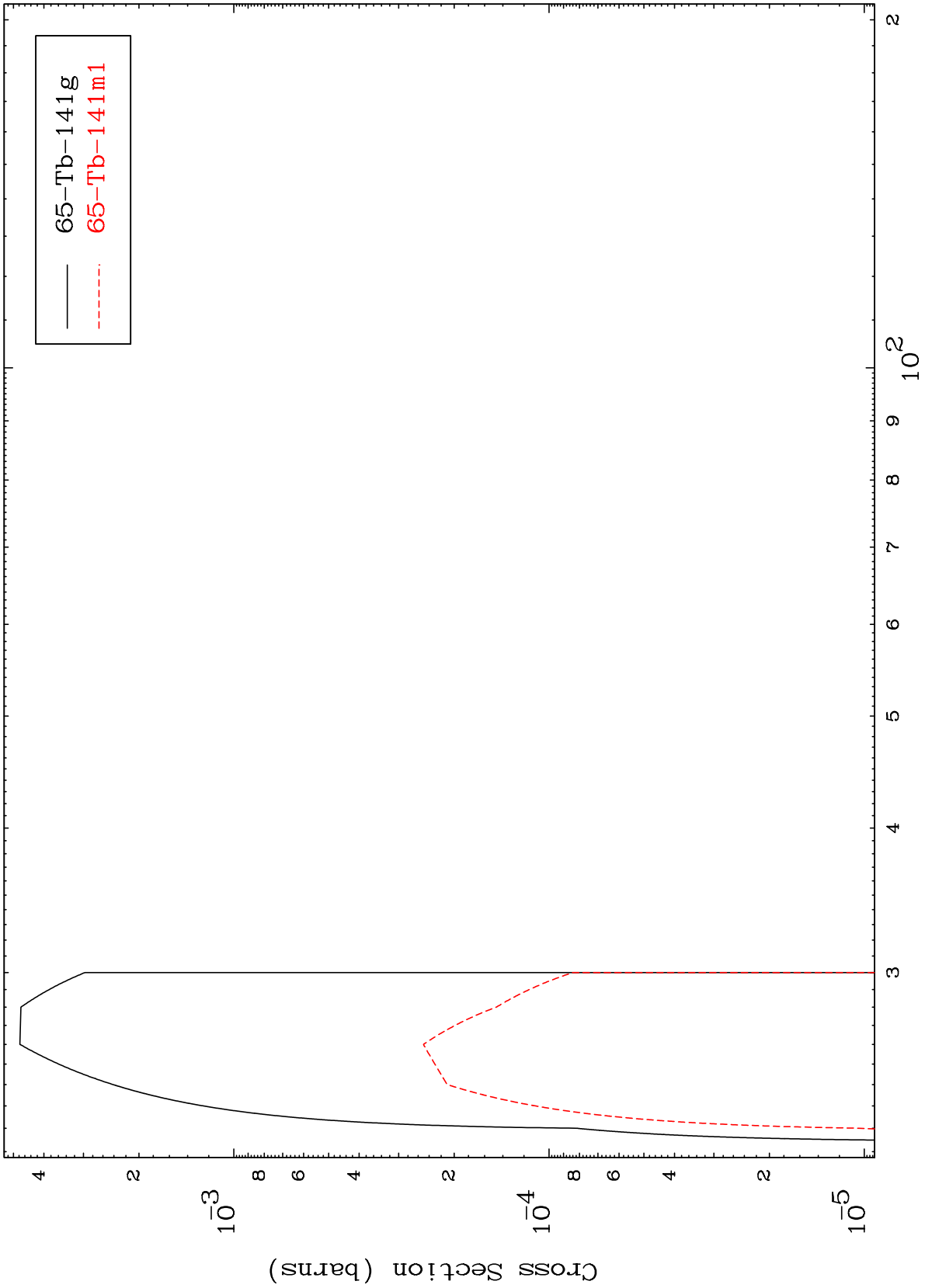
64-Gd-142

MAT 6395

(p,2n)

64-Gd-142

Radionuclide Production Cross Section



12

Incident Energy (MeV)

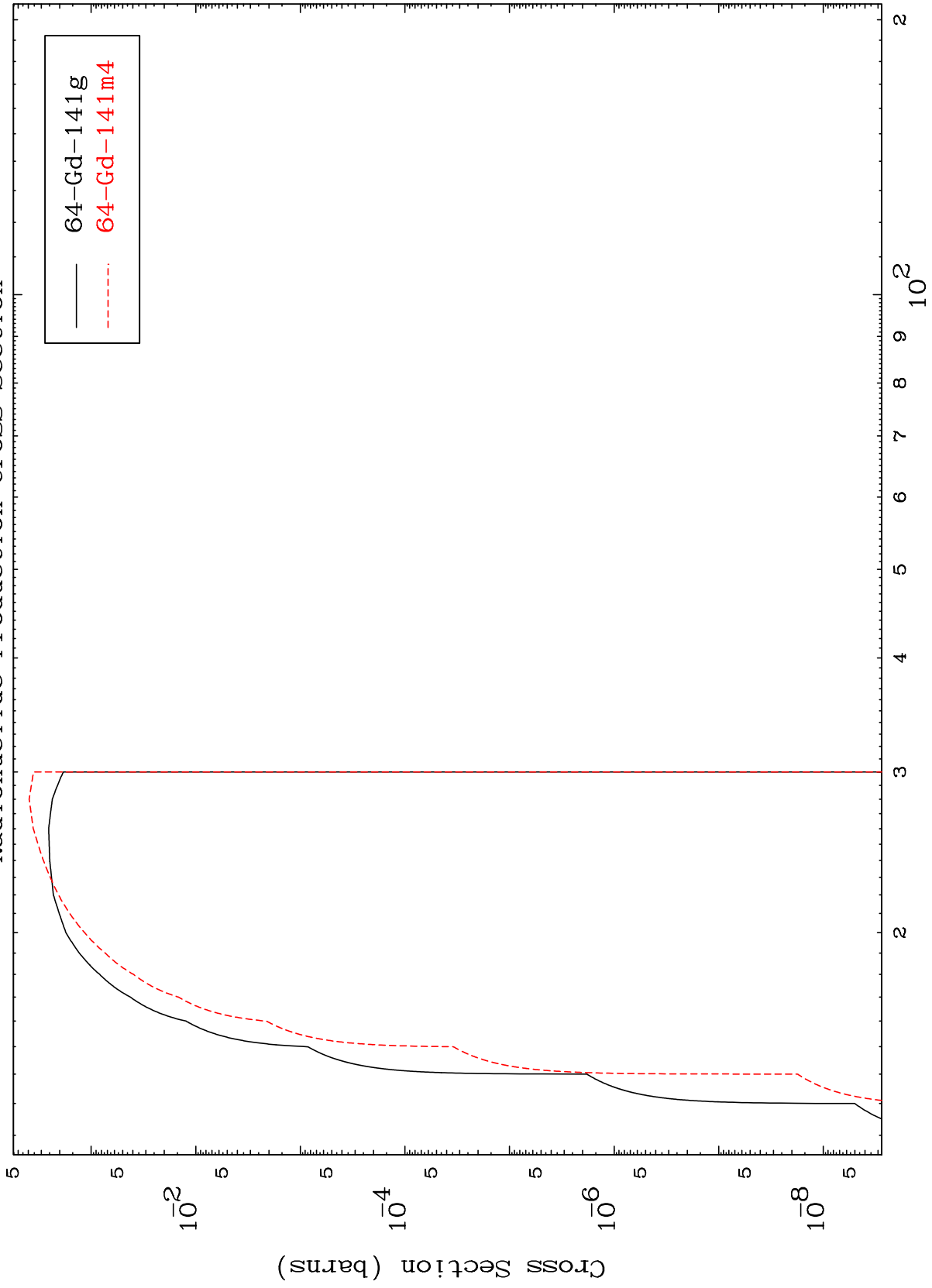
64-Gd-142

MAT 6395

(p,n') p

64-Gd-142

Radionuclide Production Cross Section



13

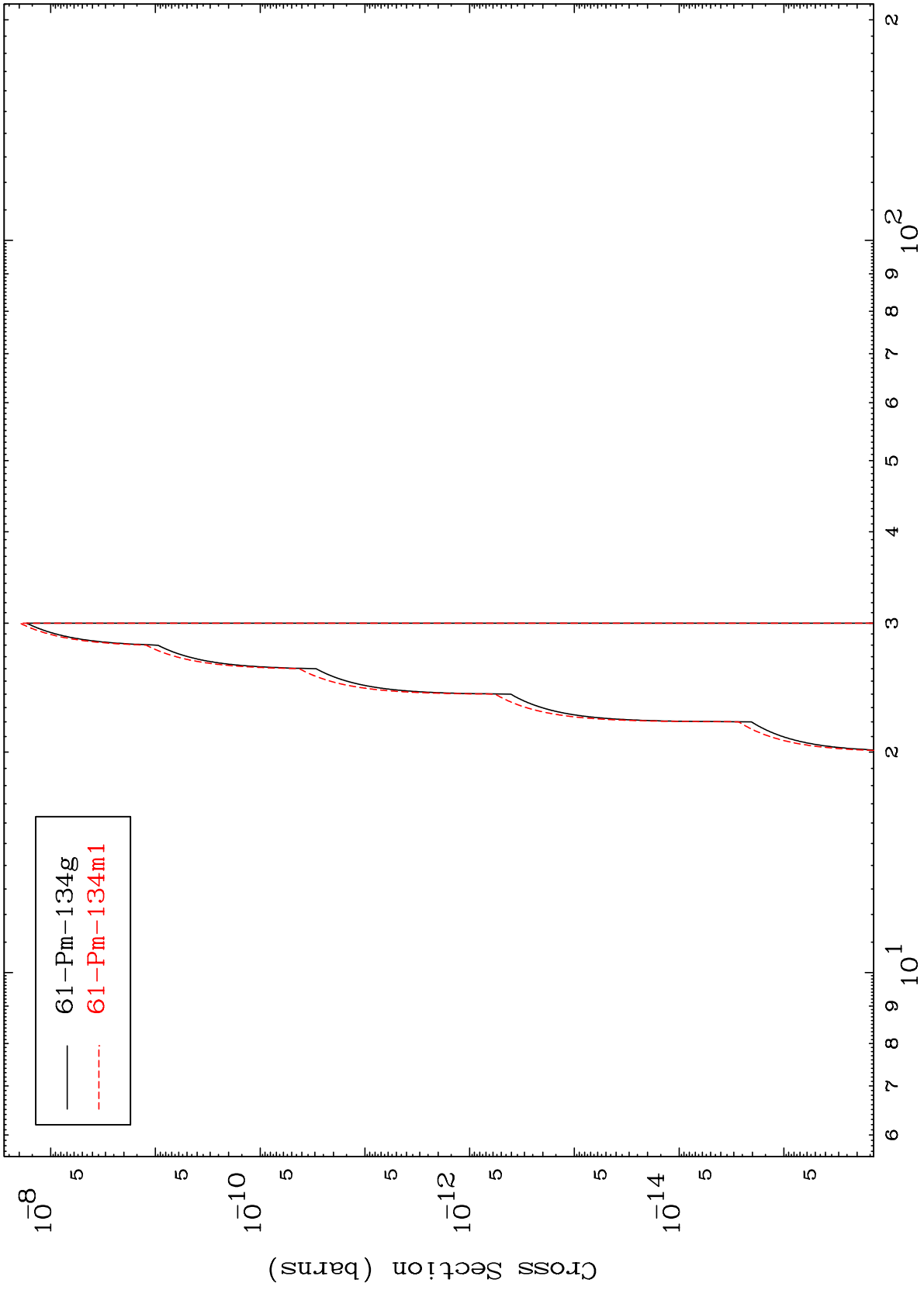
Incident Energy (MeV)

64-Gd-142

MAT 6395

64-Gd-142

(p,n') 2 α
Radionuclide Production Cross Section



61-Pm-134g
61-Pm-134m1

14

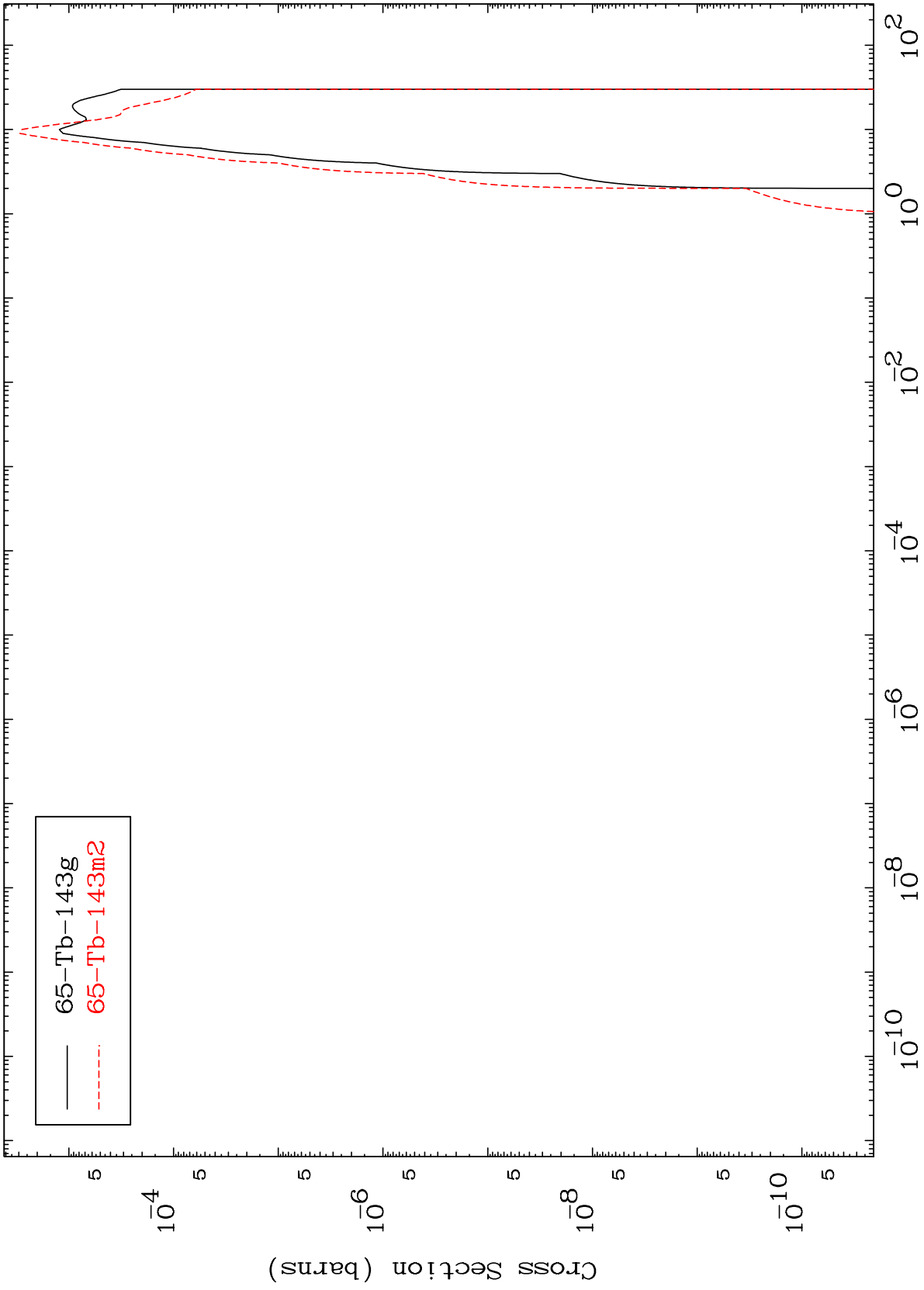
Incident Energy (MeV)

64-Gd-142

MAT 6395

Radionuclide Production Cross Section
(p, γ)

64-Gd-142



15

Incident Energy (MeV)

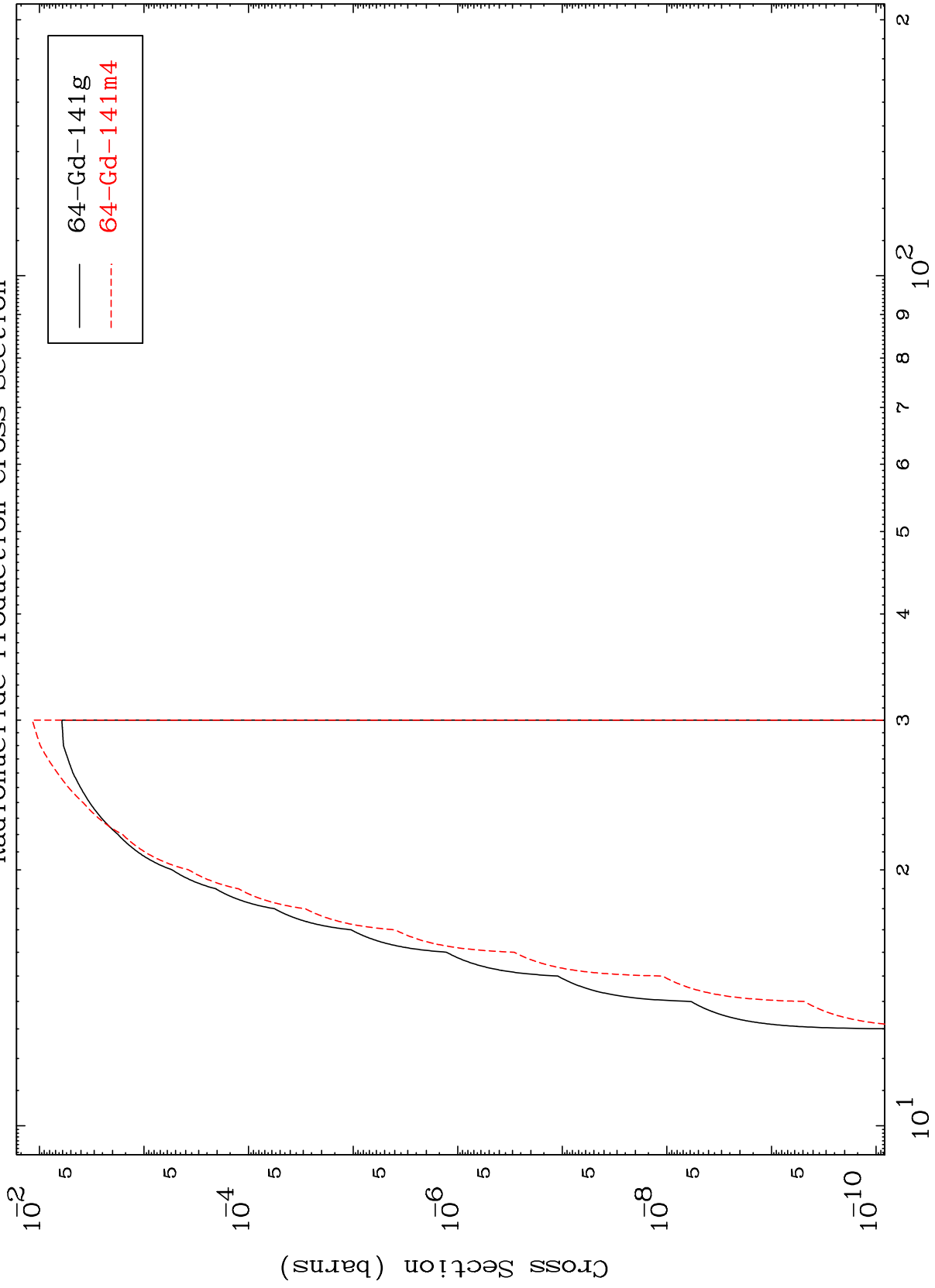
64-Gd-142

MAT 6395

(p,d)

⁶⁴Gd-142

Radionuclide Production Cross Section



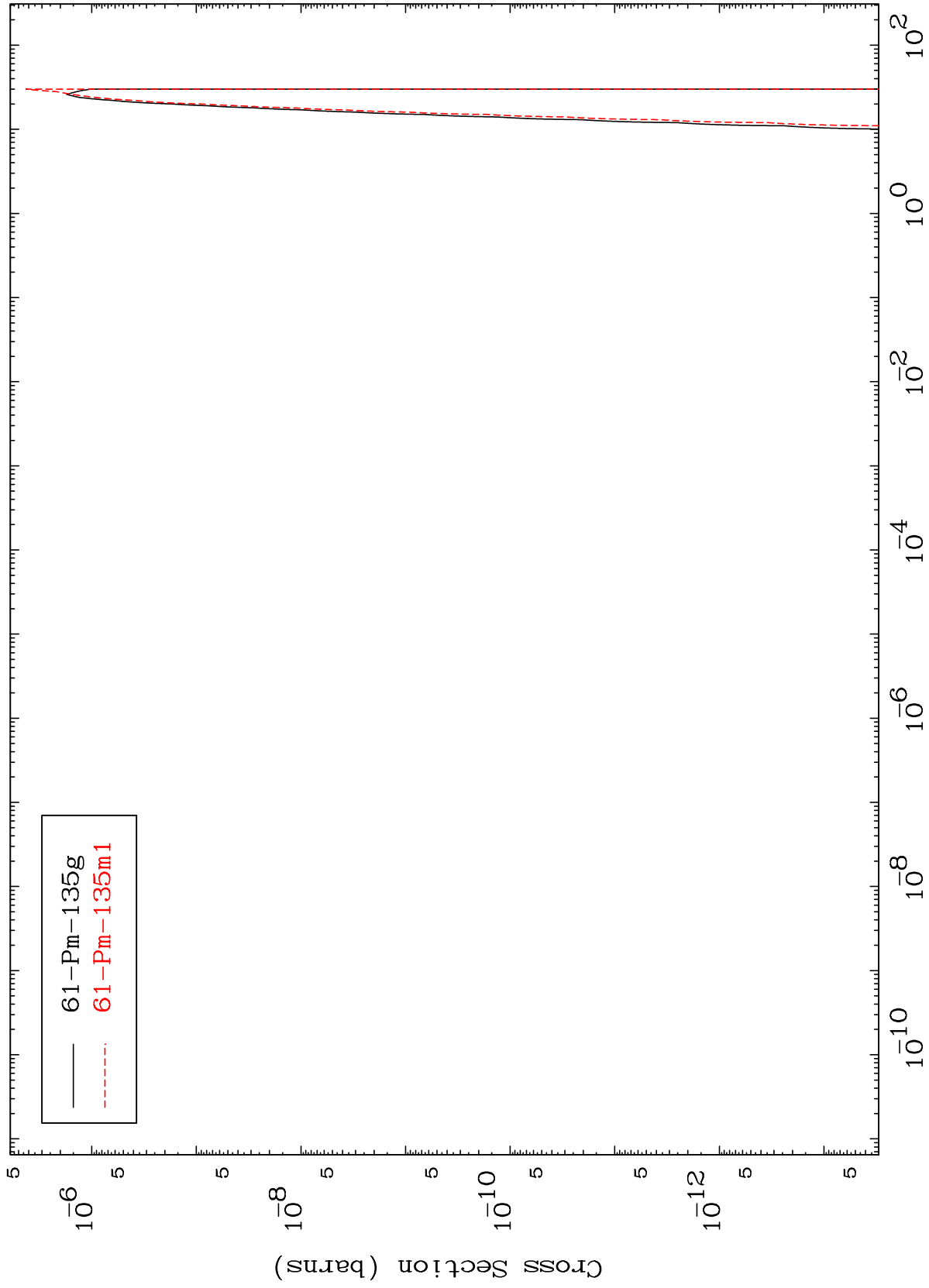
Incident Energy (MeV)

⁶⁴Gd-142

MAT 6395

Radionuclide Production Cross Section
(p,2 α)

64-Gd-142



17

Incident Energy (MeV)

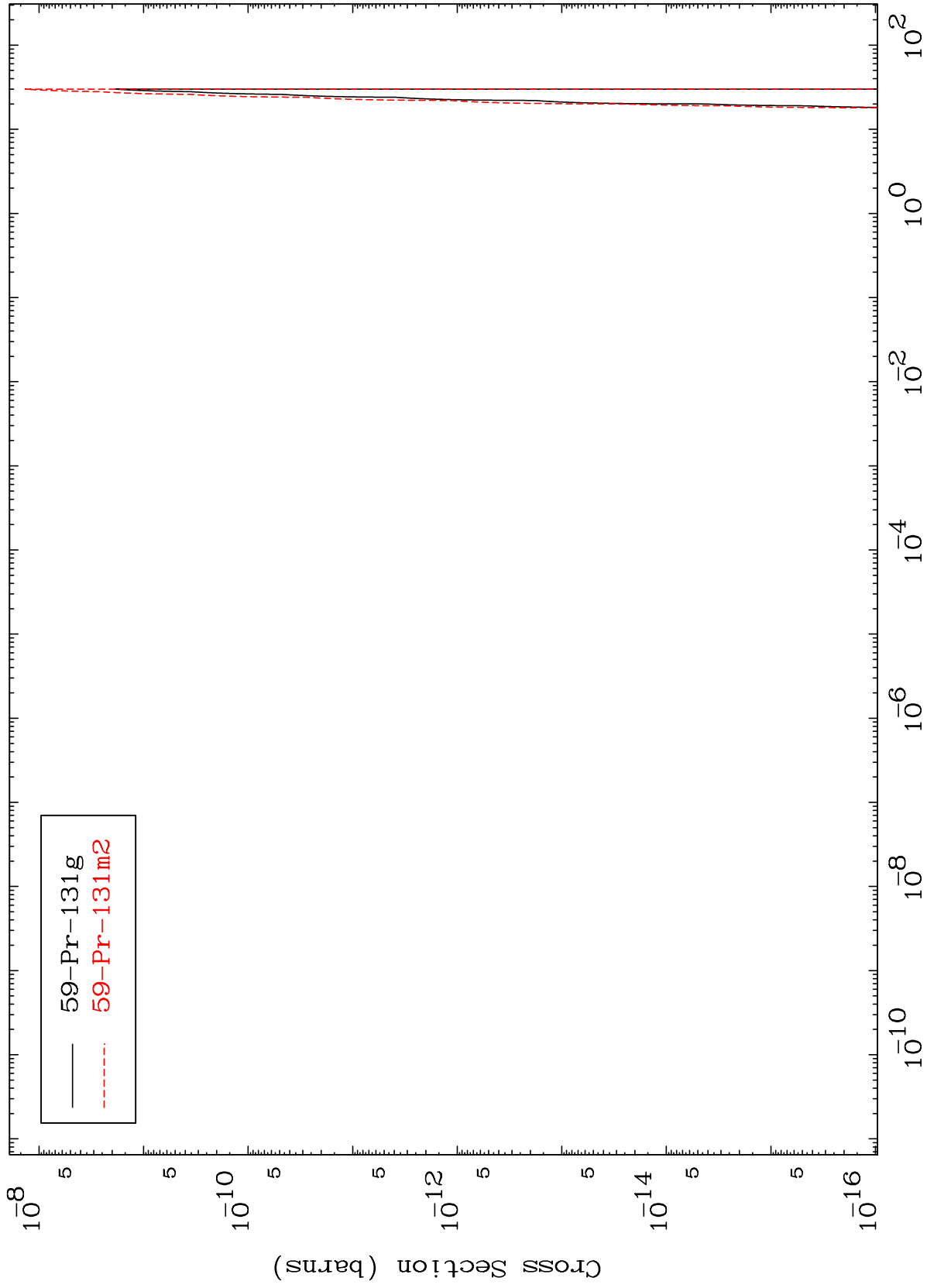
64-Gd-142

MAT 6395

(p,3 α)

64-Gd-142

Radionuclide Production Cross Section



18

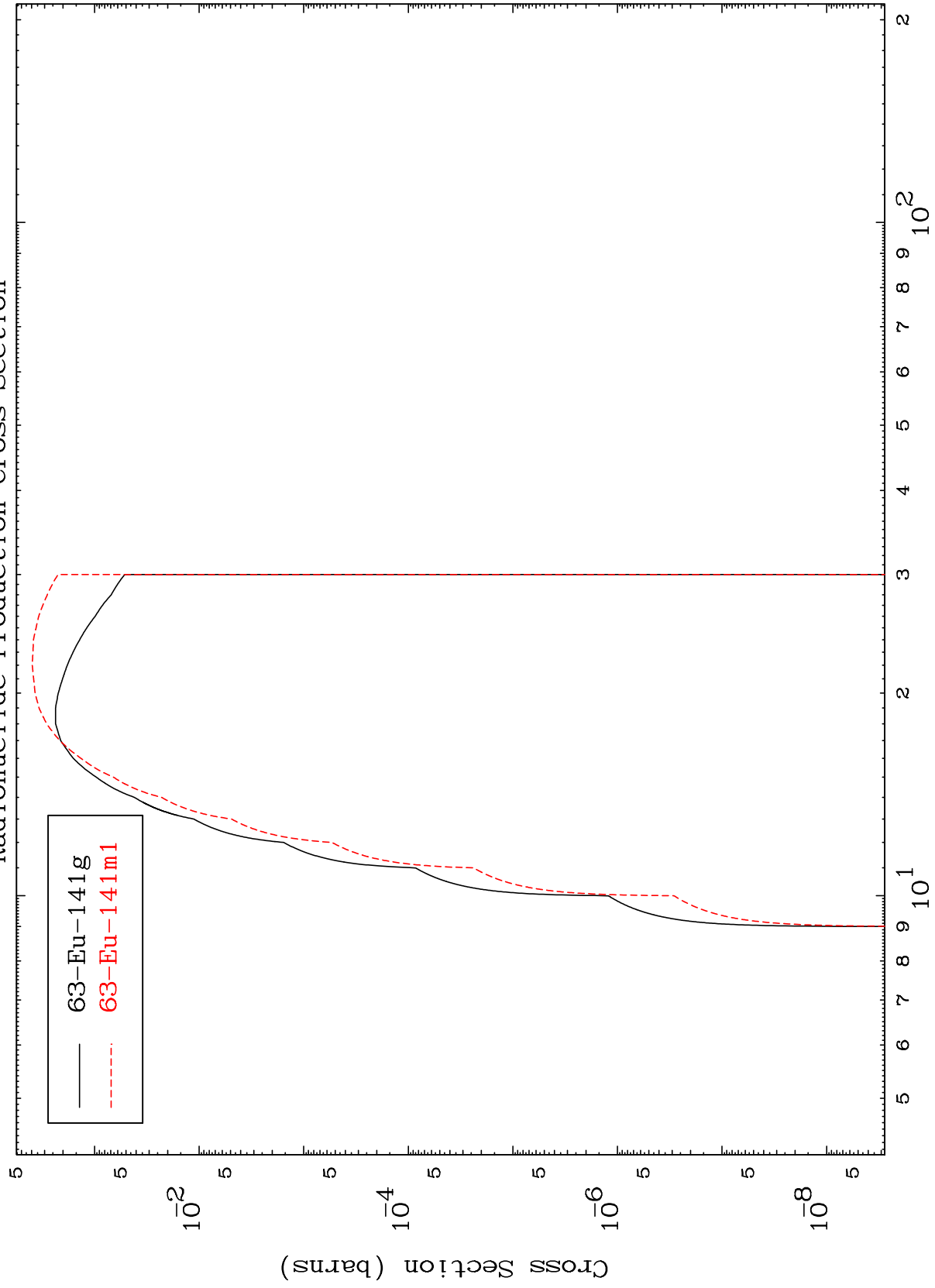
Incident Energy (MeV)

64-Gd-142

MAT 6395

Radionuclide Production Cross Section
(p,2p)

64-Gd-142



19

Incident Energy (MeV)

64-Gd-142