

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

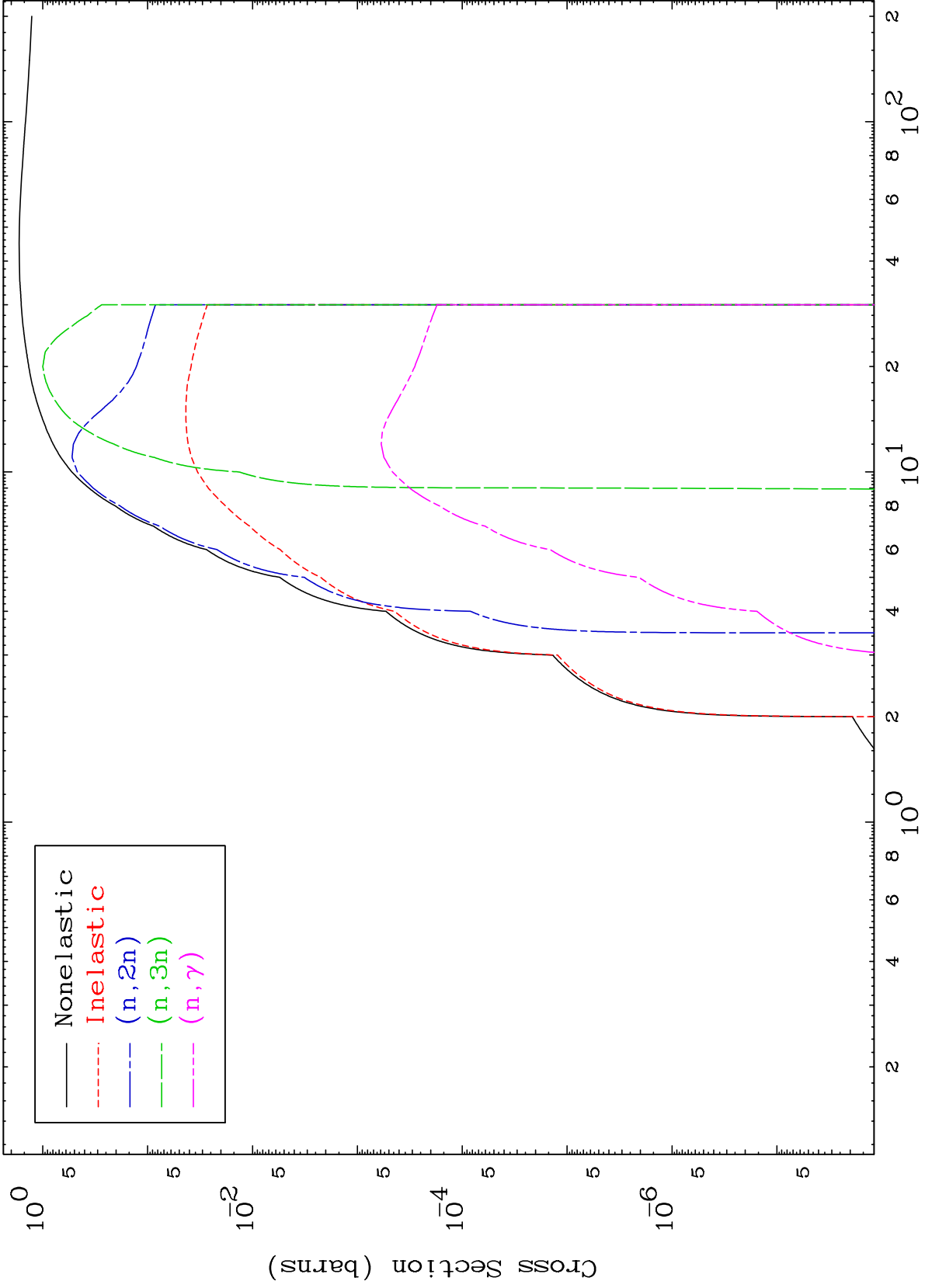
Dermott E. Cullen
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Livermore, CA 94550
U.S.A.

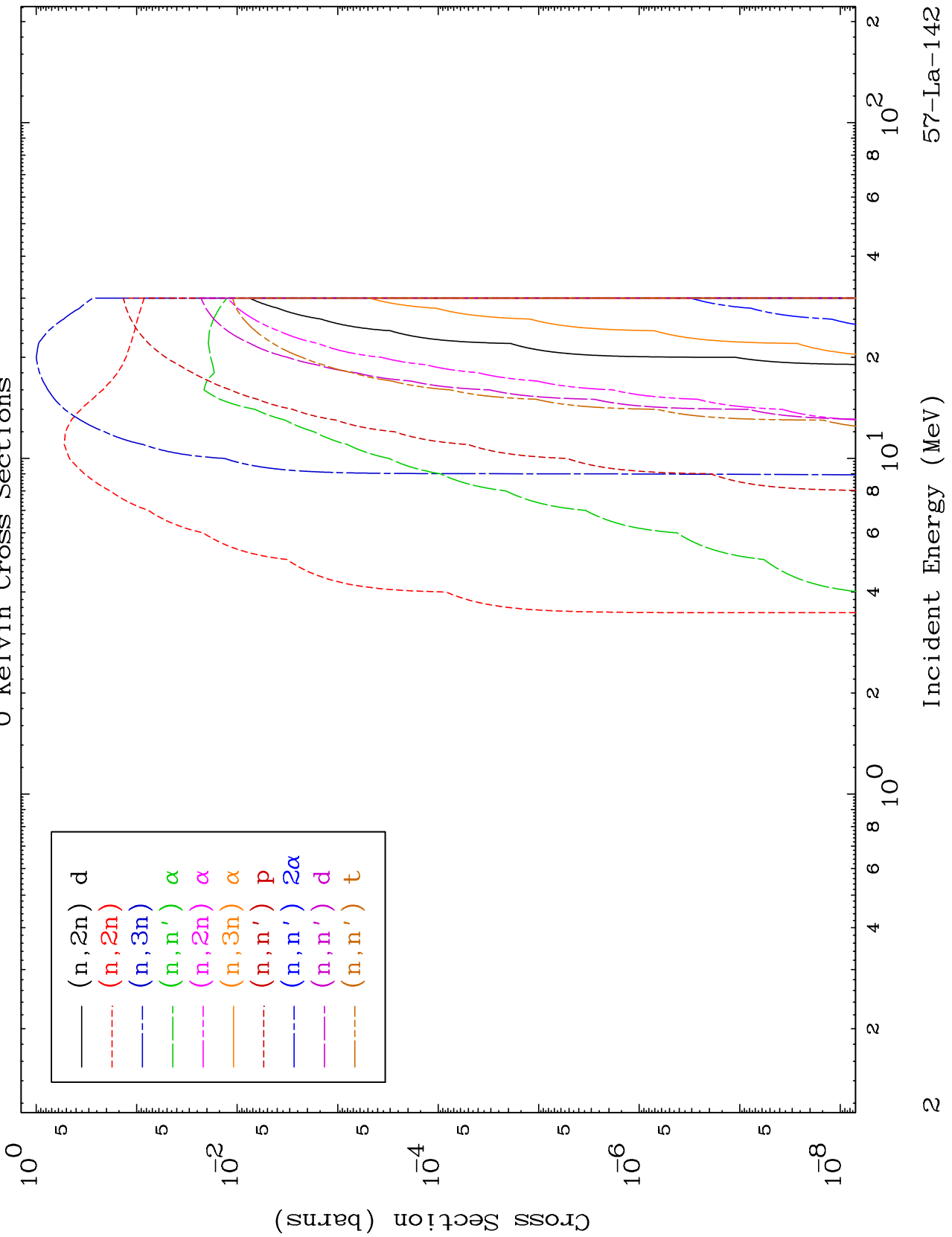
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

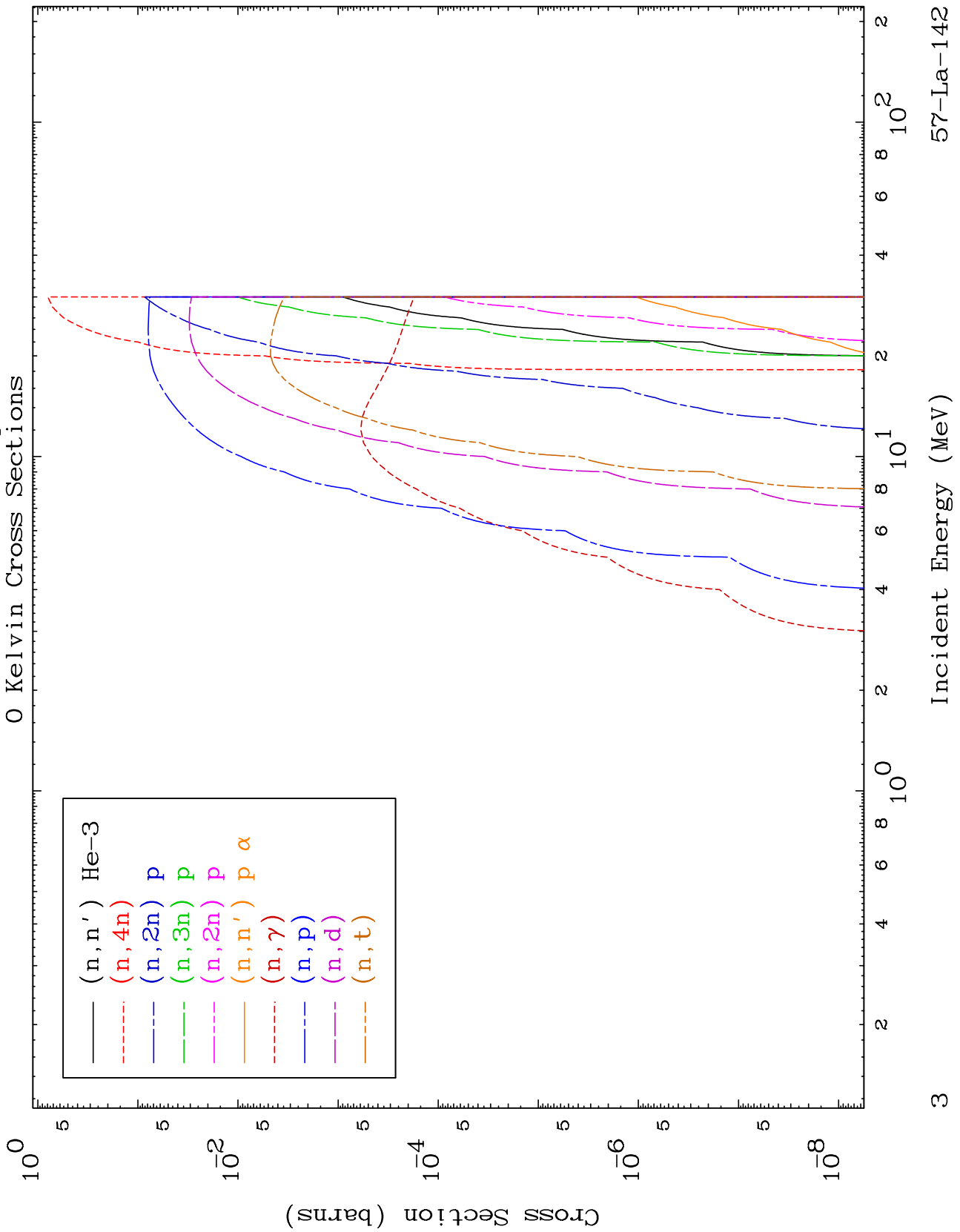


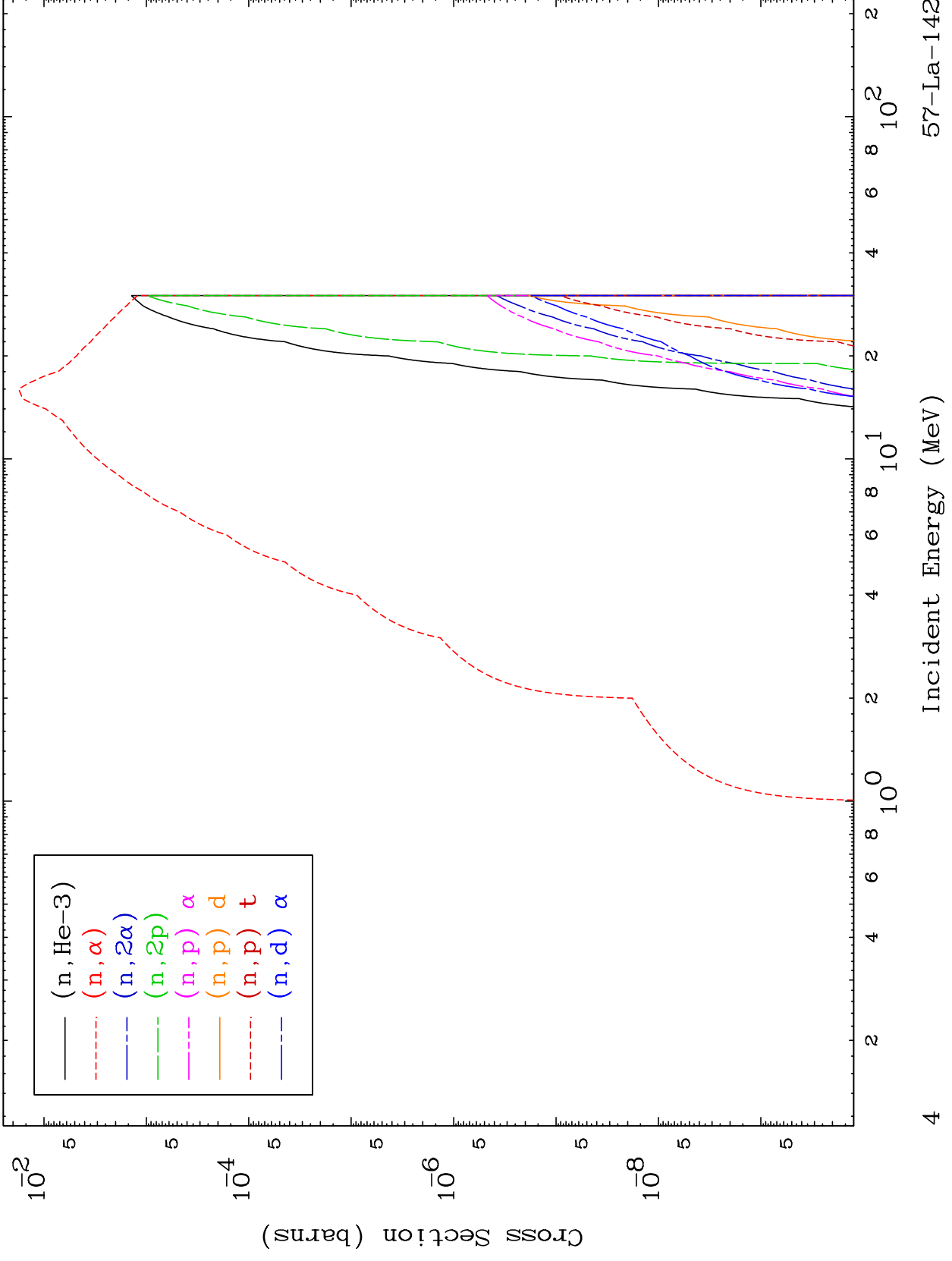


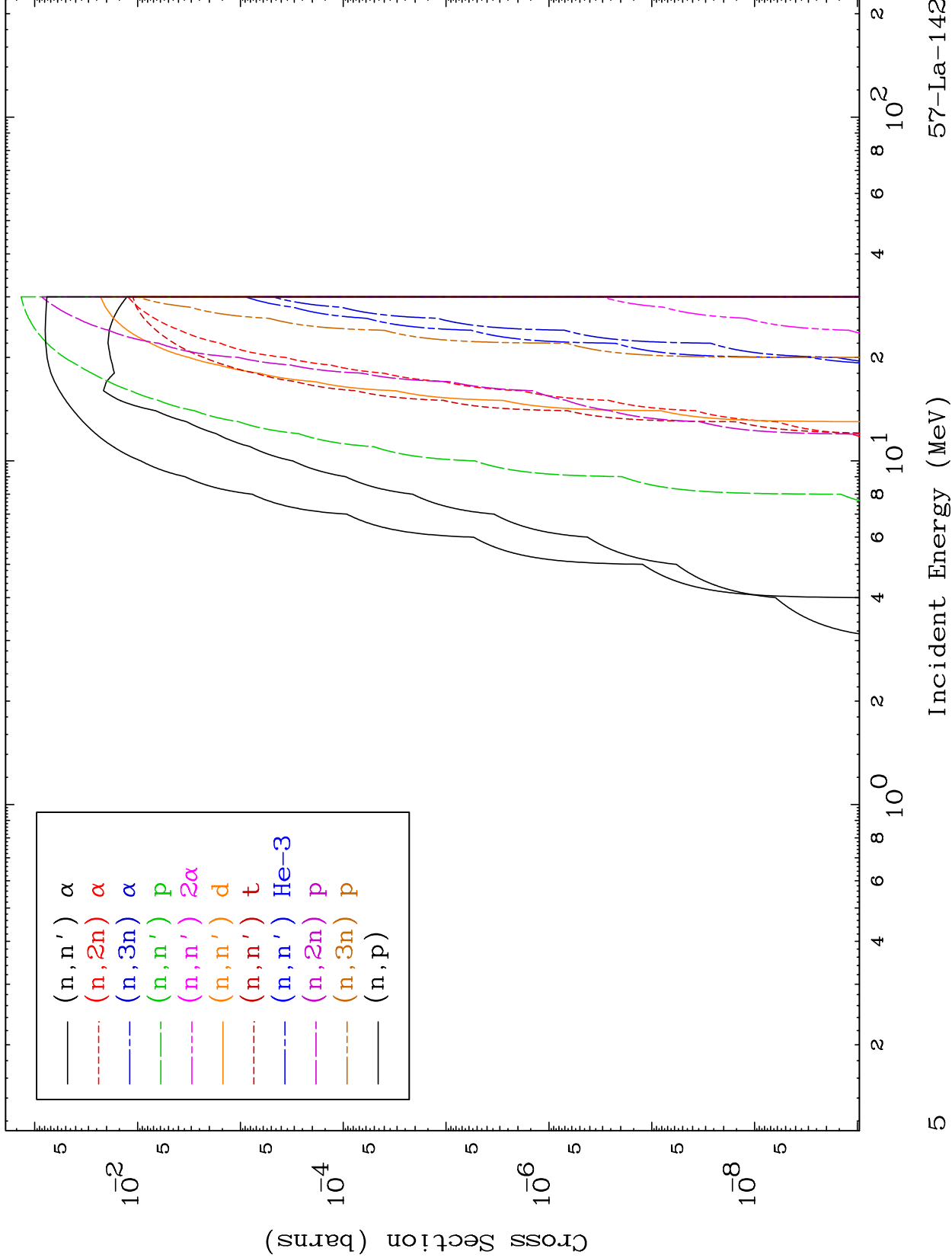
MAT 5737

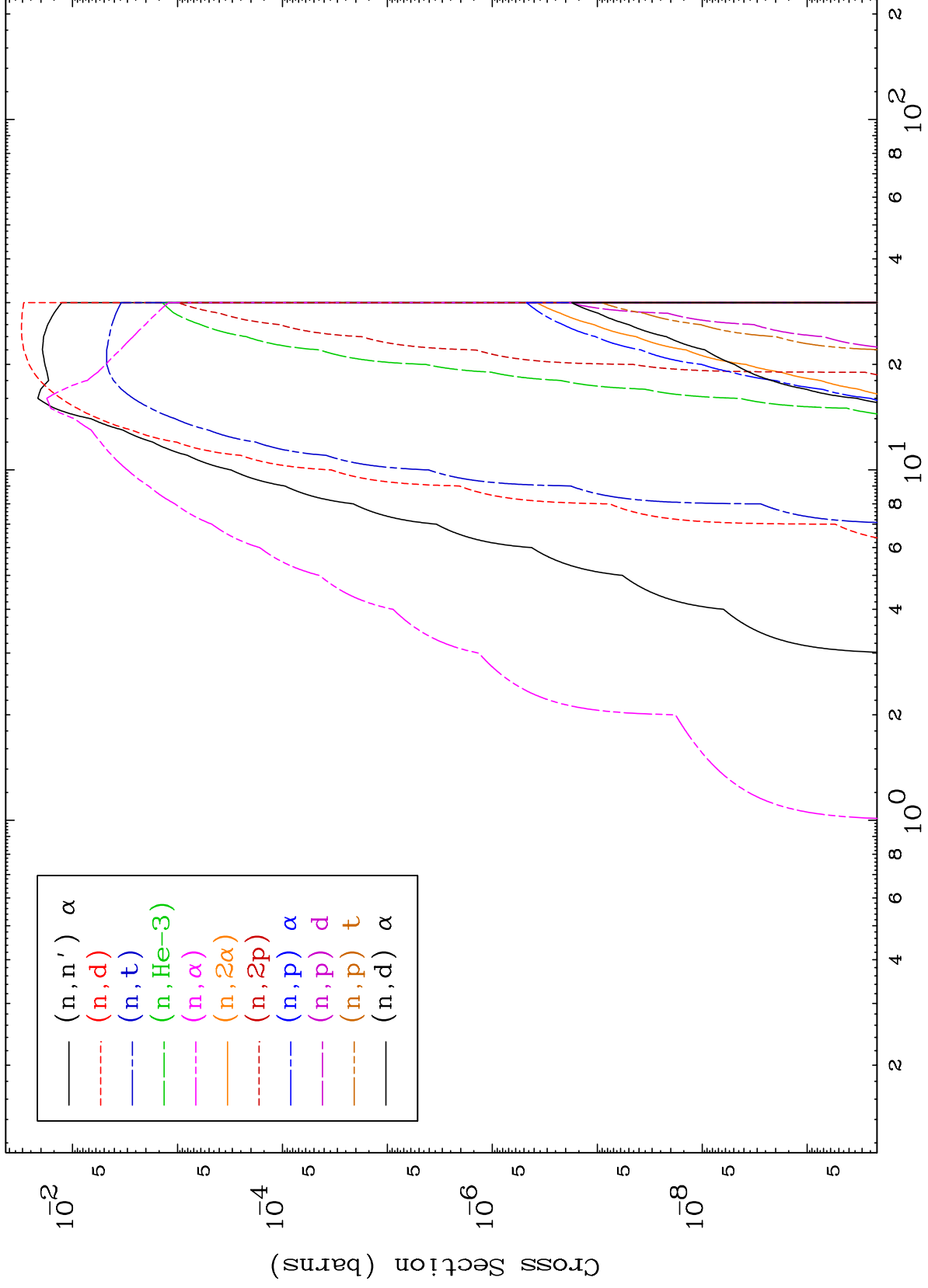
Proton Neutron Absorption
0 Kelvin Cross Sections

57-La-142





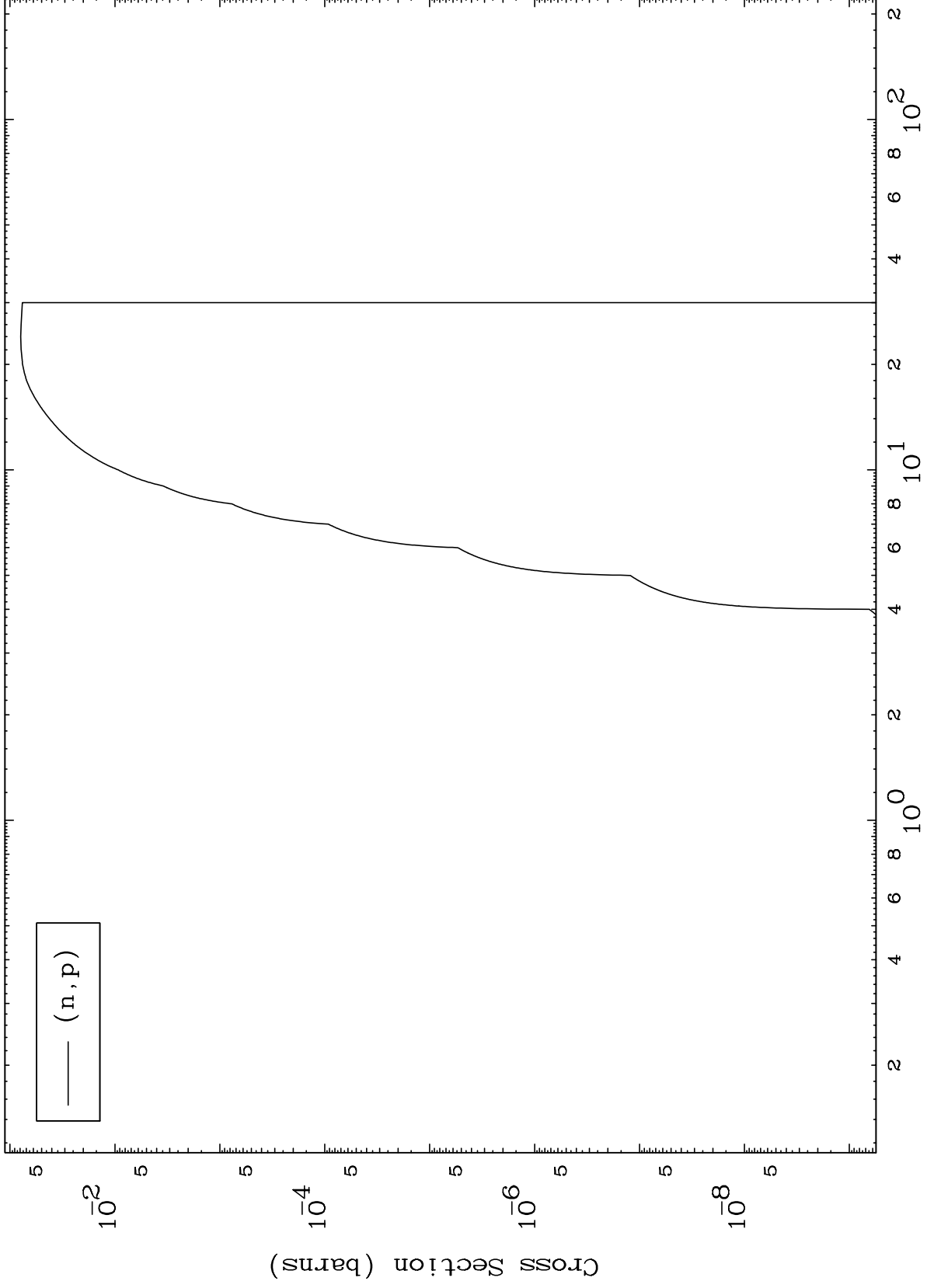




MAT 5737

(p,p) Levels
0 Kelvin Cross Sections

57-La-142



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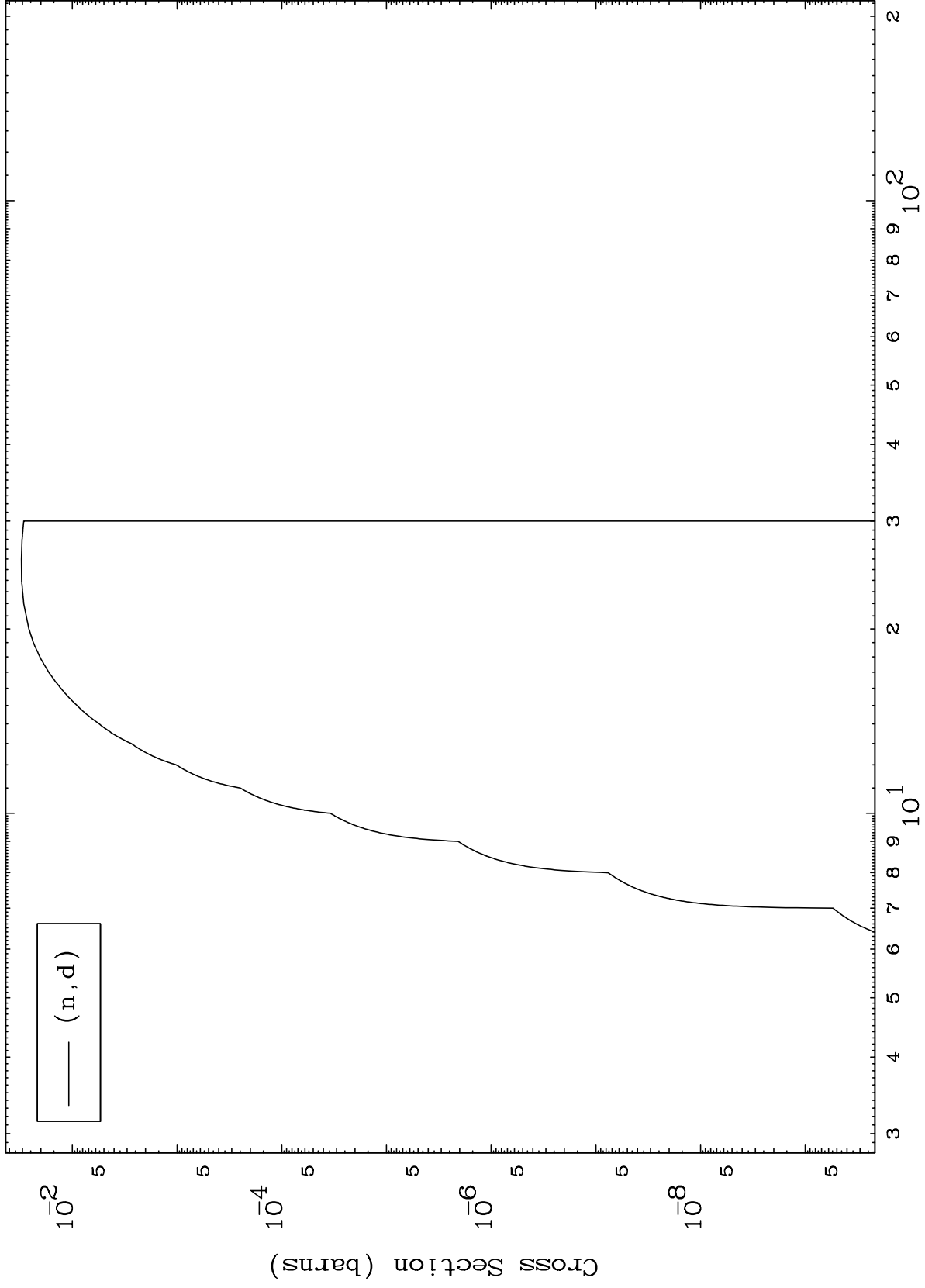
Incident Energy (MeV)

57-La-142

MAT 5737

(p,d) Levels
0 Kelvin Cross Sections

57-La-142



8

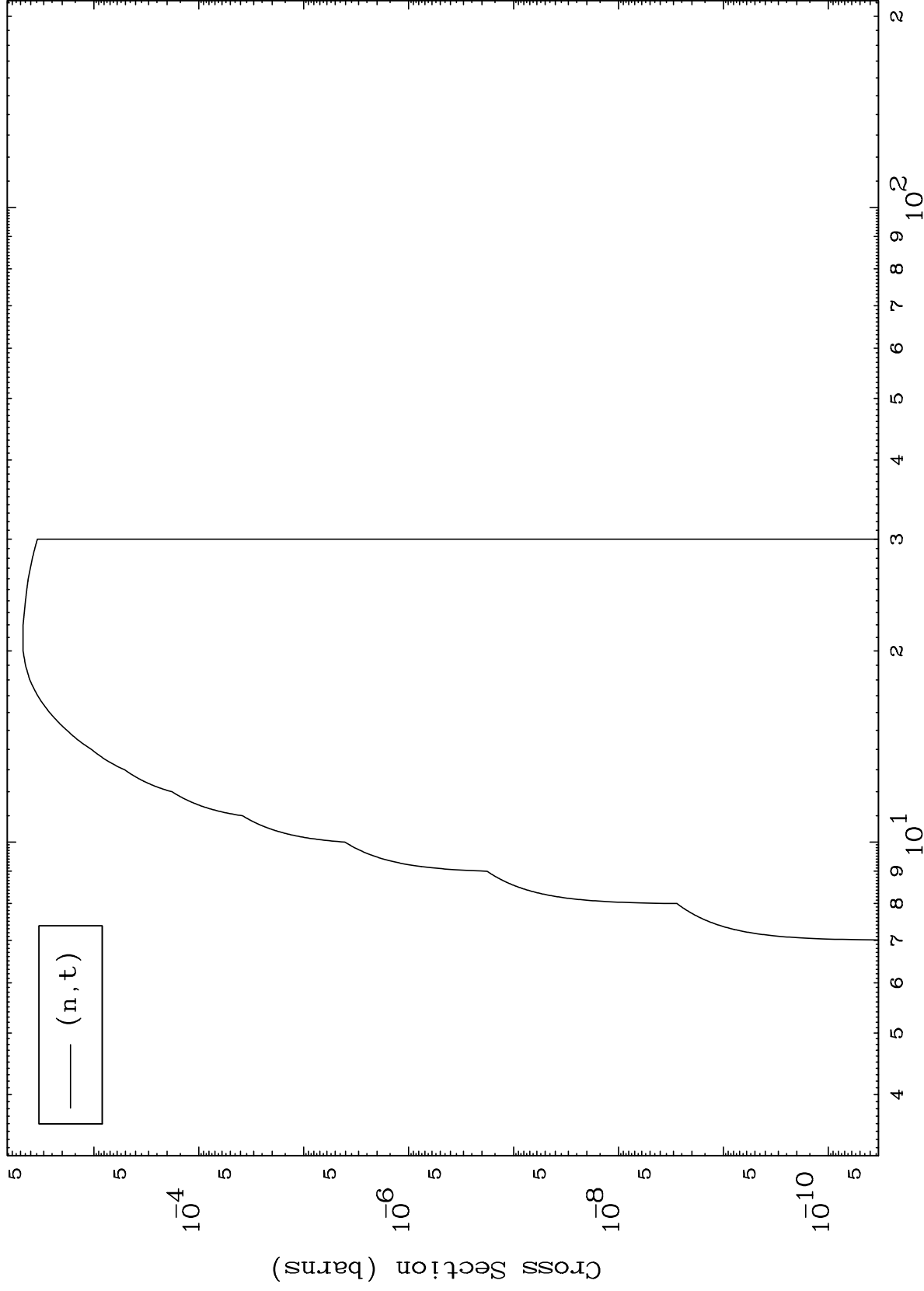
Incident Energy (MeV)

57-La-142

MAT 5737

(p,t) Levels
0 Kelvin Cross Sections

57-La-142



9

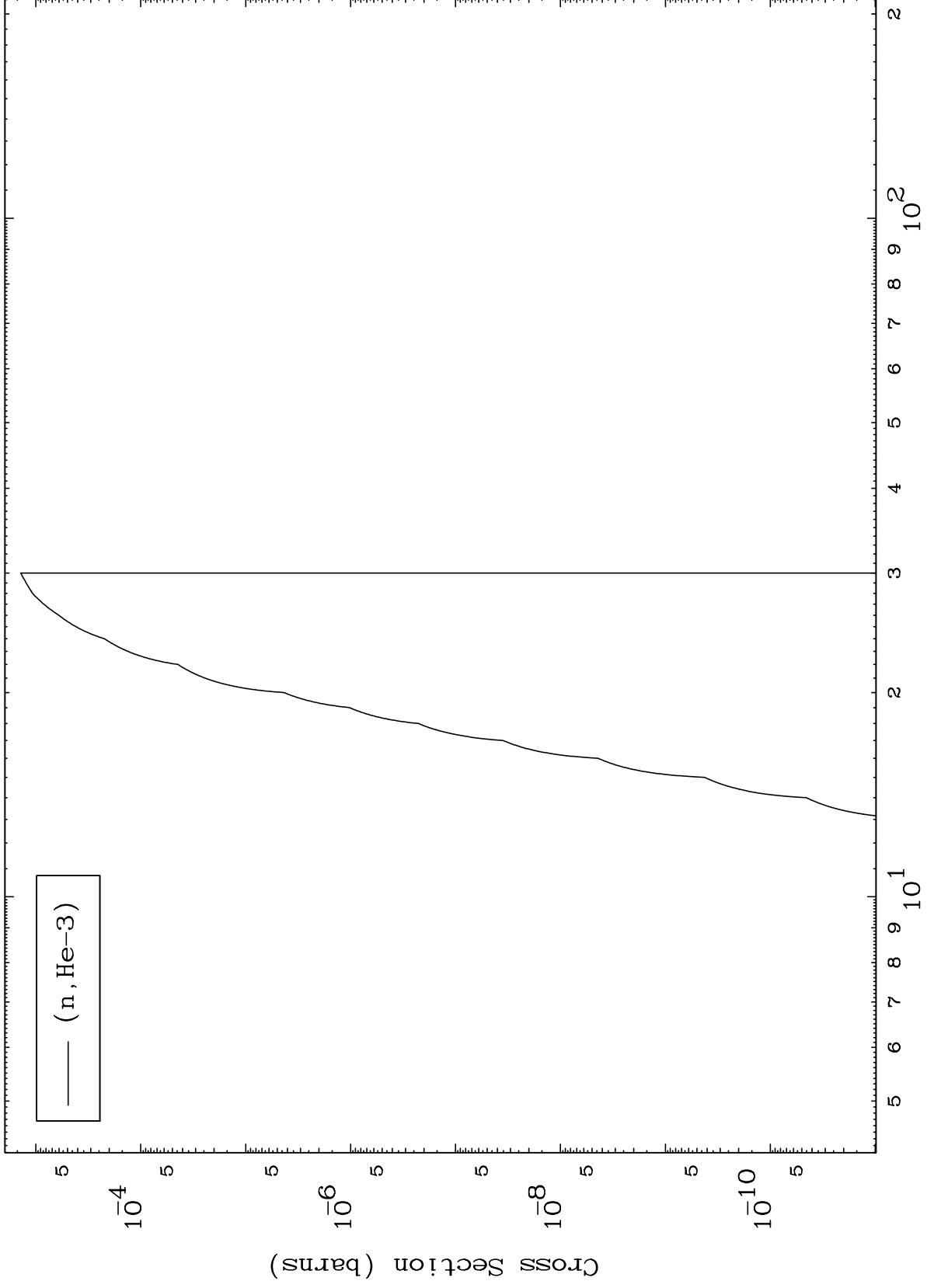
Incident Energy (MeV)

57-La-142

MAT 5737

(p,He3) Levels
0 Kelvin Cross Sections

57-La-142



10

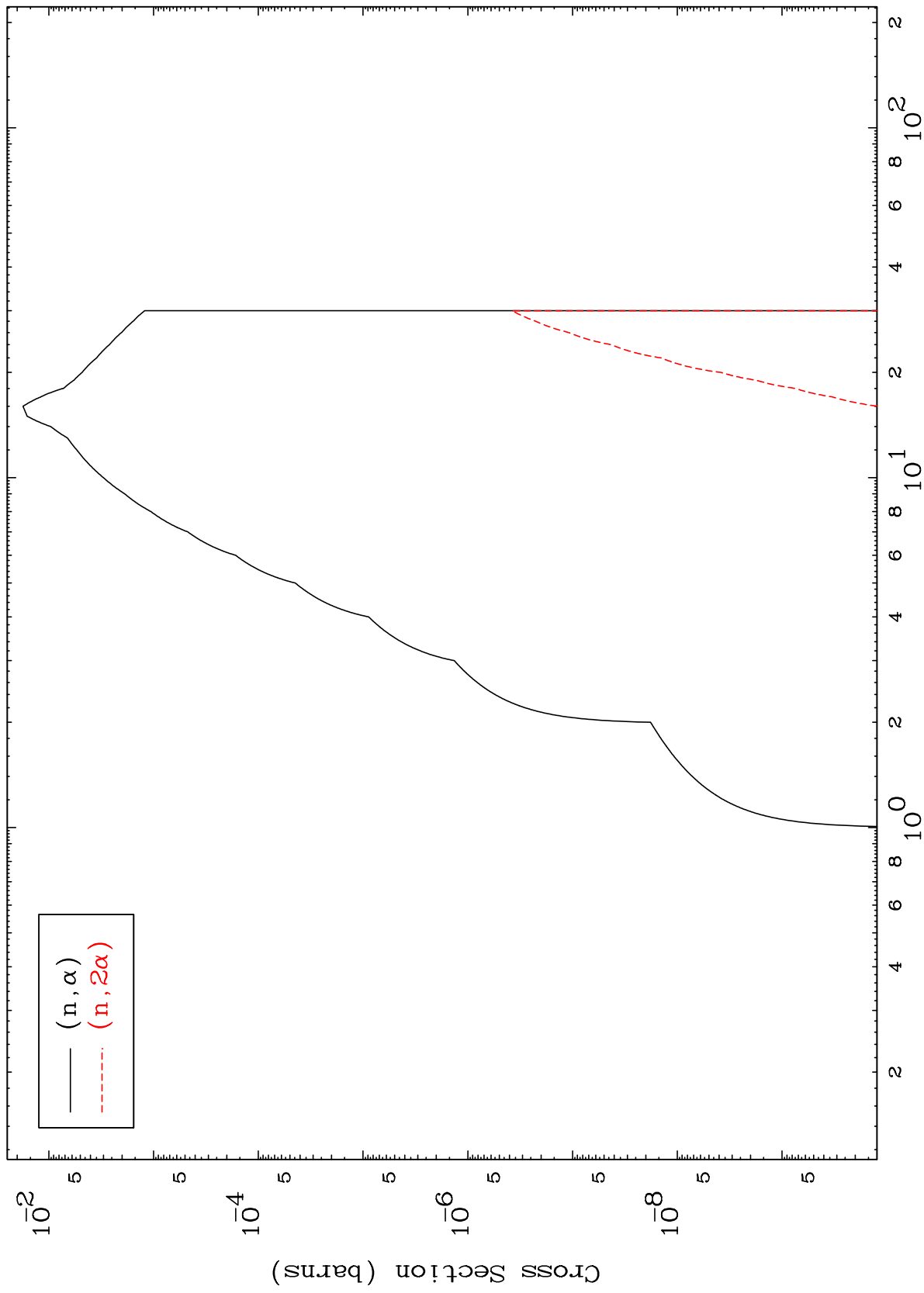
Incident Energy (MeV)

57-La-142

MAT 5737

57-La-142

(p, α) Levels
0 Kelvin Cross Sections



11

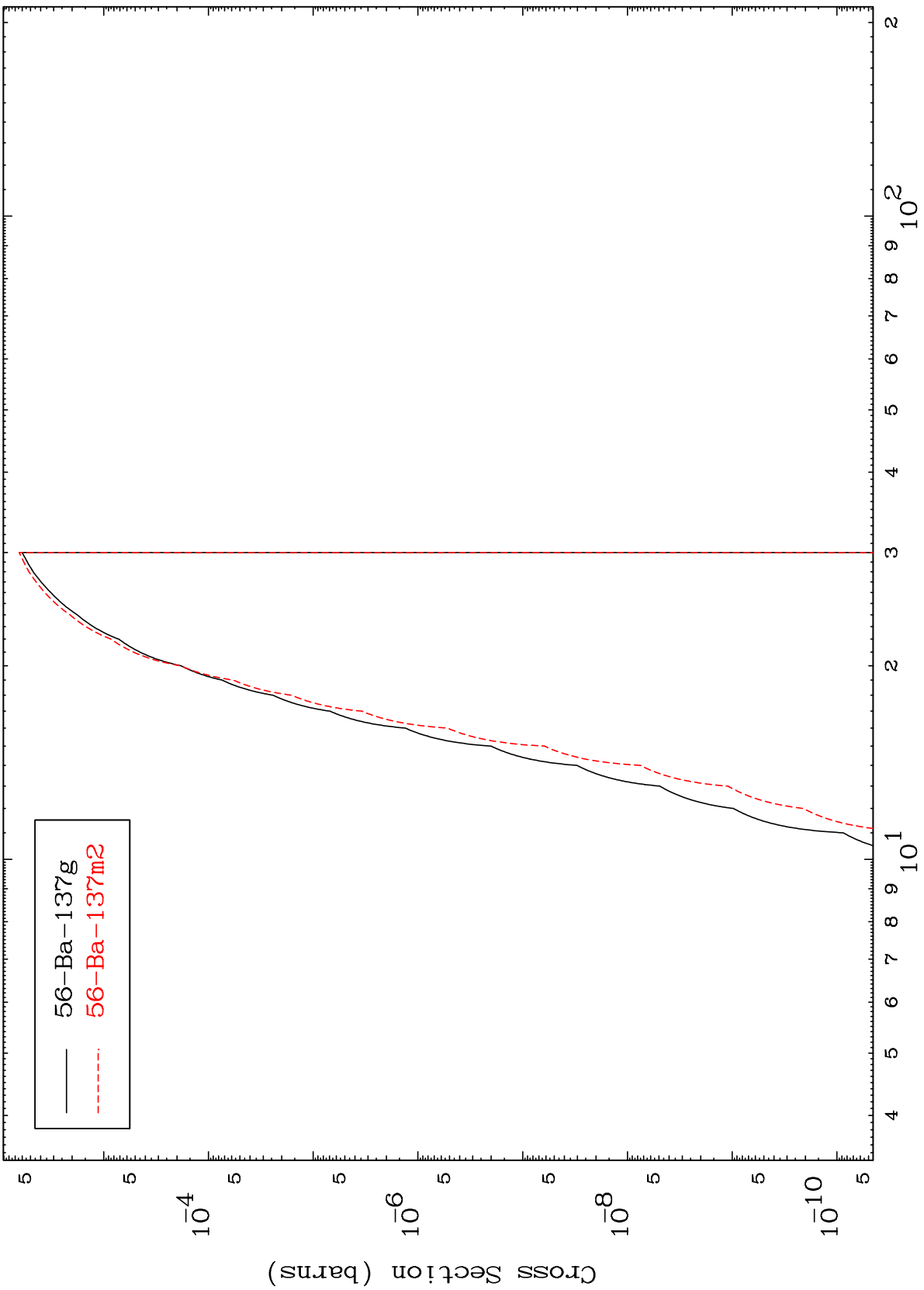
57-La-142

MAT 5737

(n,2n) α

57-La-142

Radionuclide Production Cross Section



12

Incident Energy (MeV)

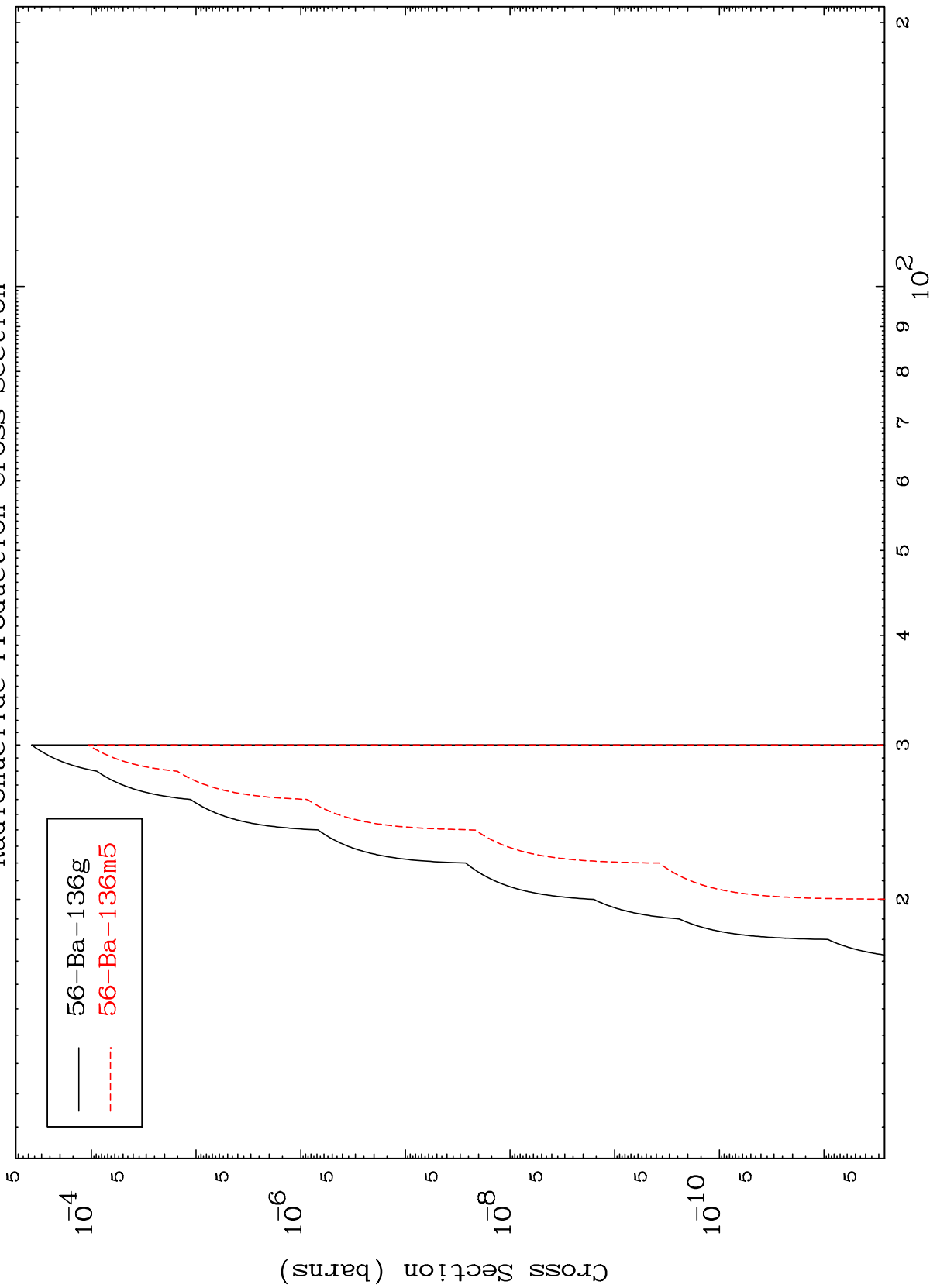
57-La-142

MAT 5737

(n,3n) α

57-La-142

Radionuclide Production Cross Section

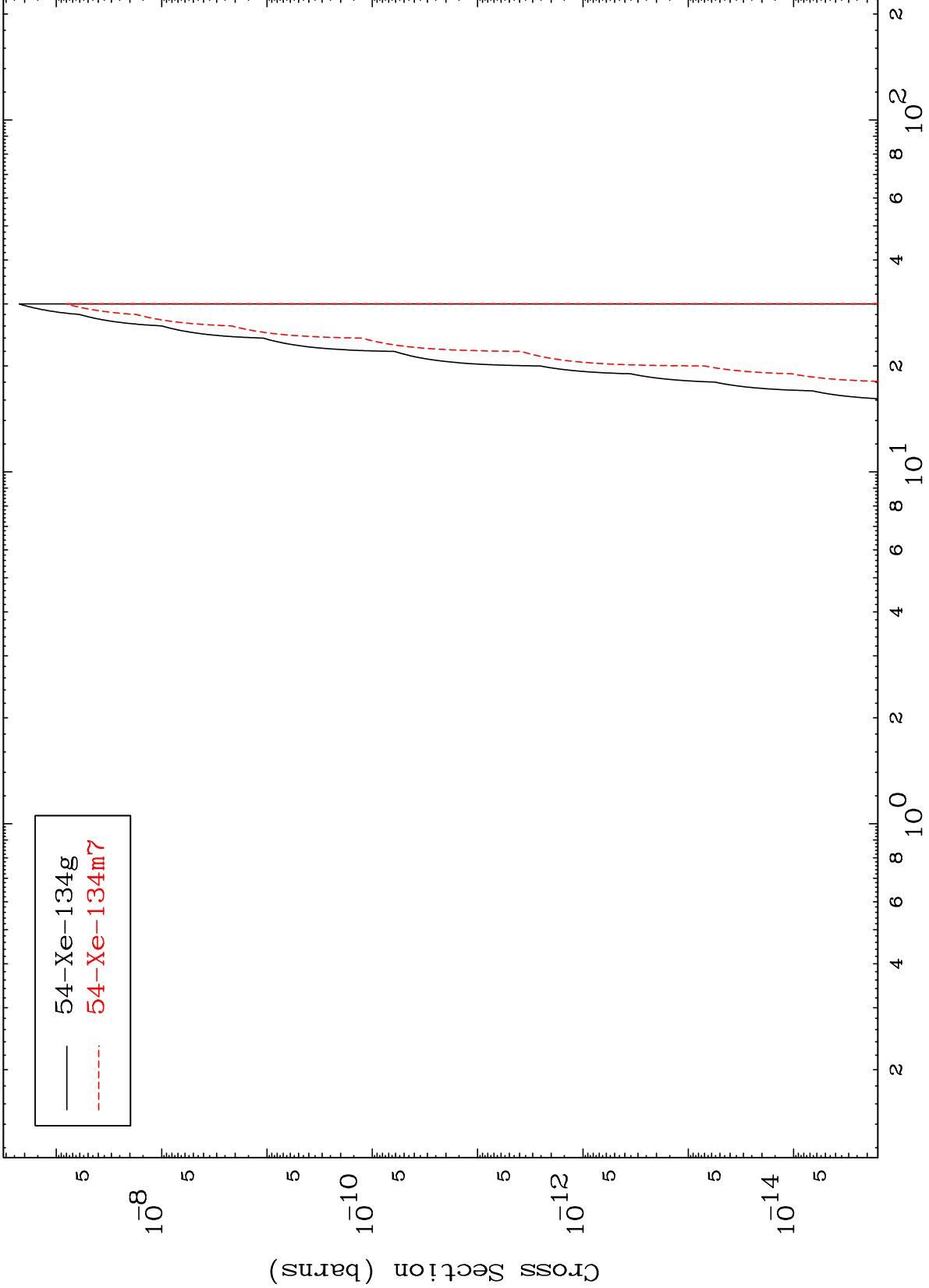


MAT 5737

(n,n') 2 α

57-La-142

Radionuclide Production Cross Section

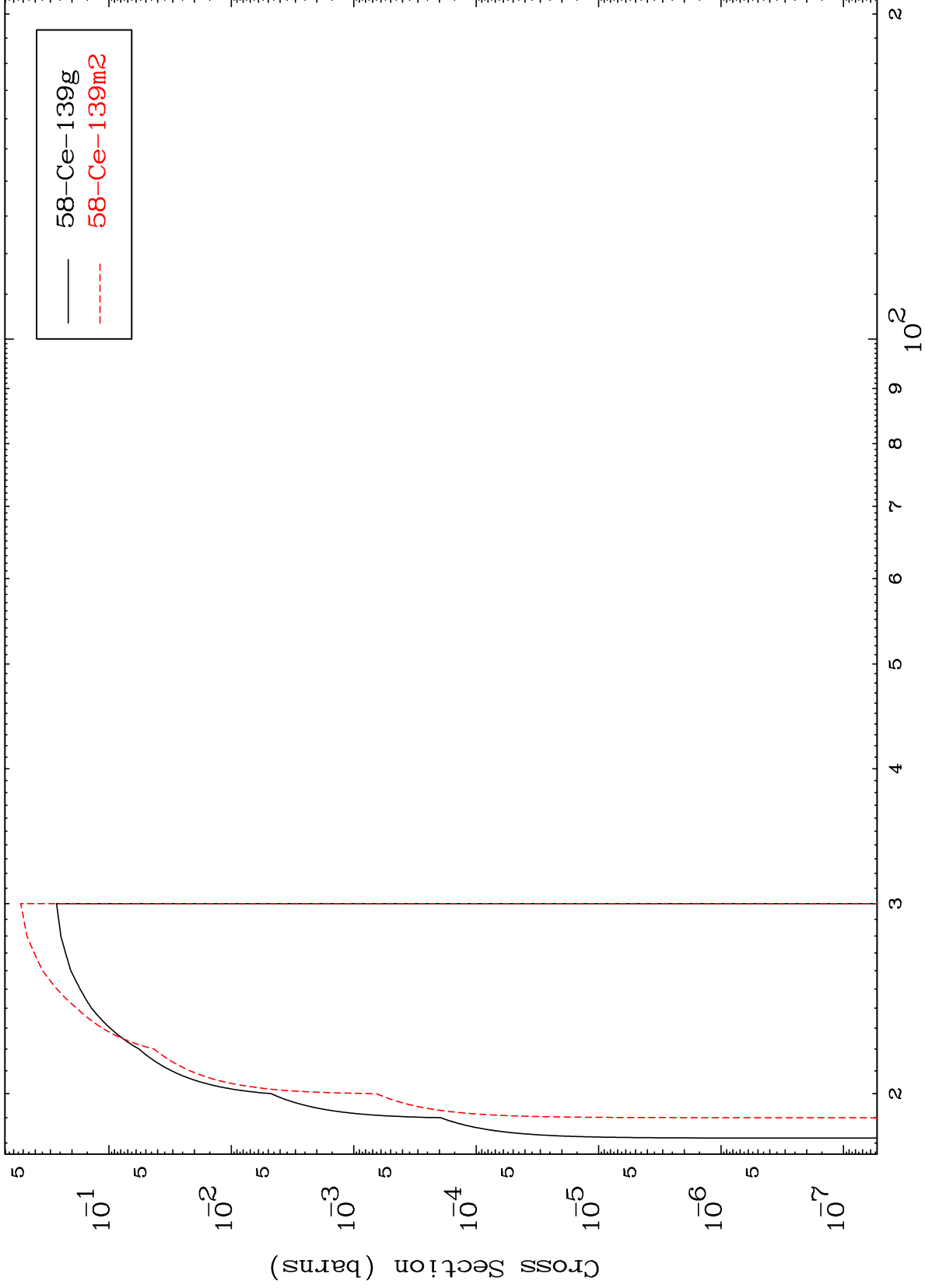


14

Incident Energy (MeV)

57-La-142

Radionuclide Production Cross Section



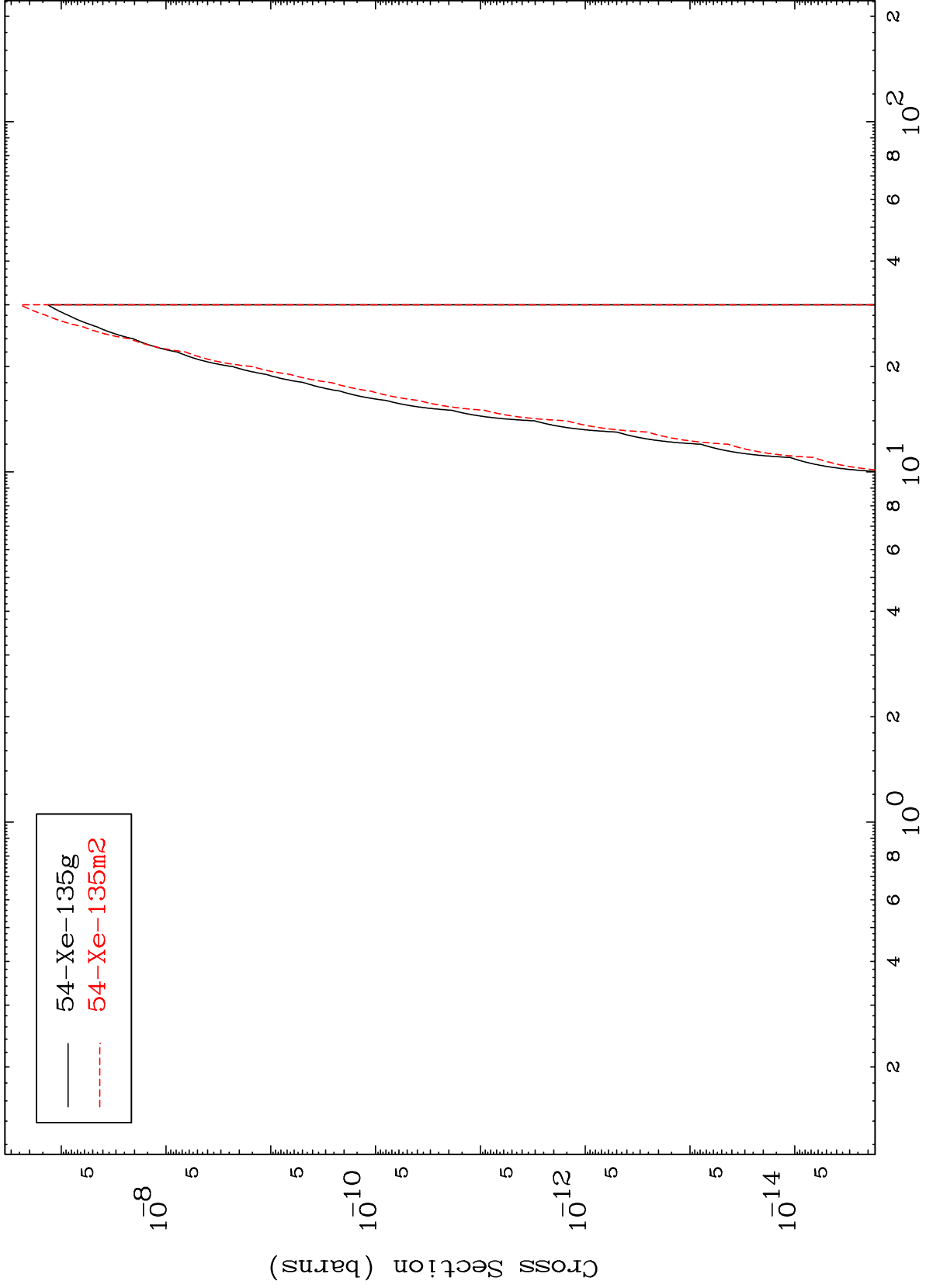
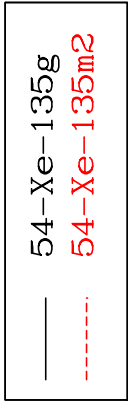
58-Ce-139g
58-Ce-139m2

MAT 5737

(n,2α)

57-La-142

Radionuclide Production Cross Section



16

Incident Energy (MeV)

57-La-142

MAT 5737

(n,p) α

57-La-142

Radionuclide Production Cross Section

