

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

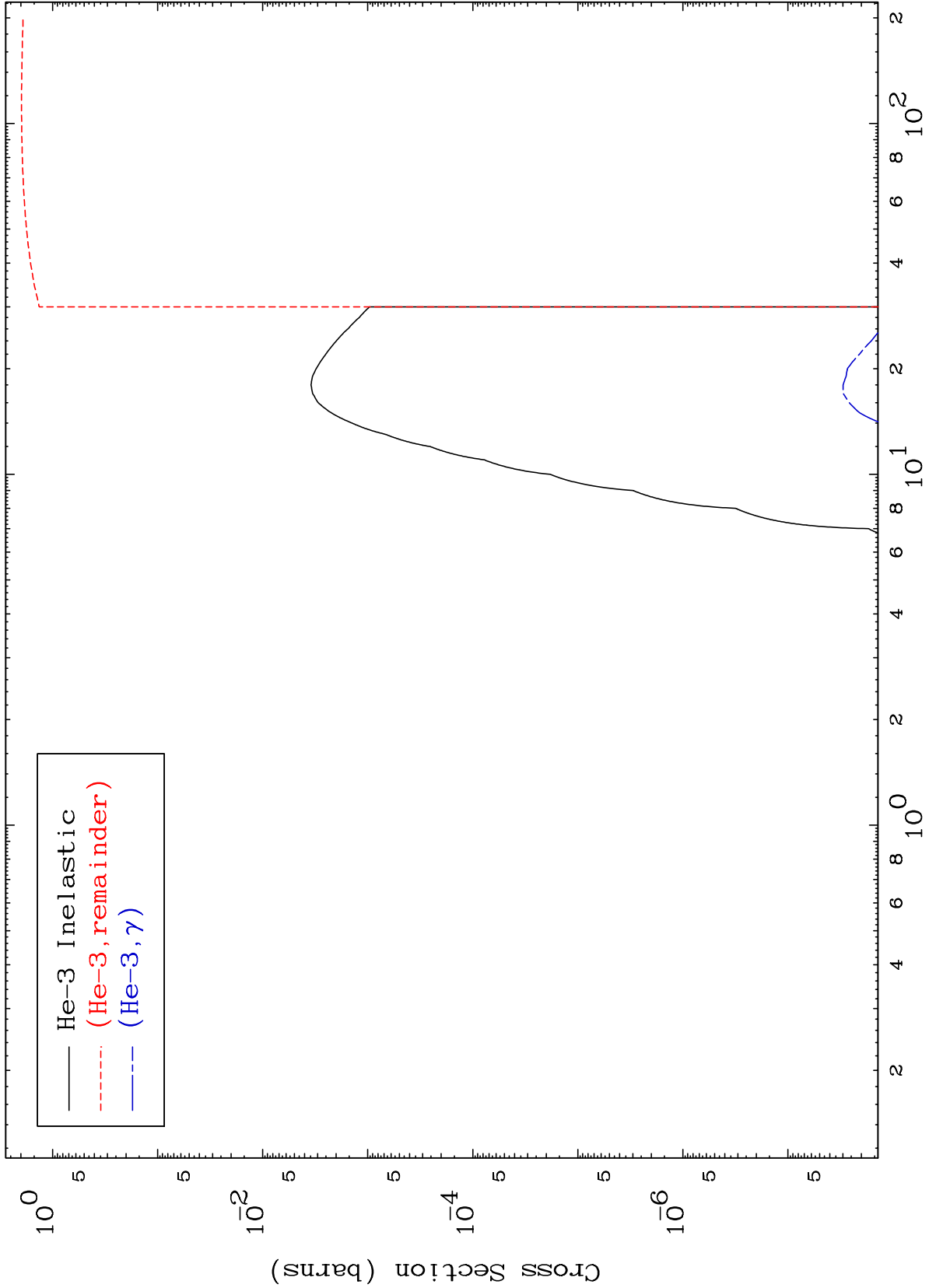
Press Mouse Button to Start

MAT 5143

He-3 Major

51-Sb-127

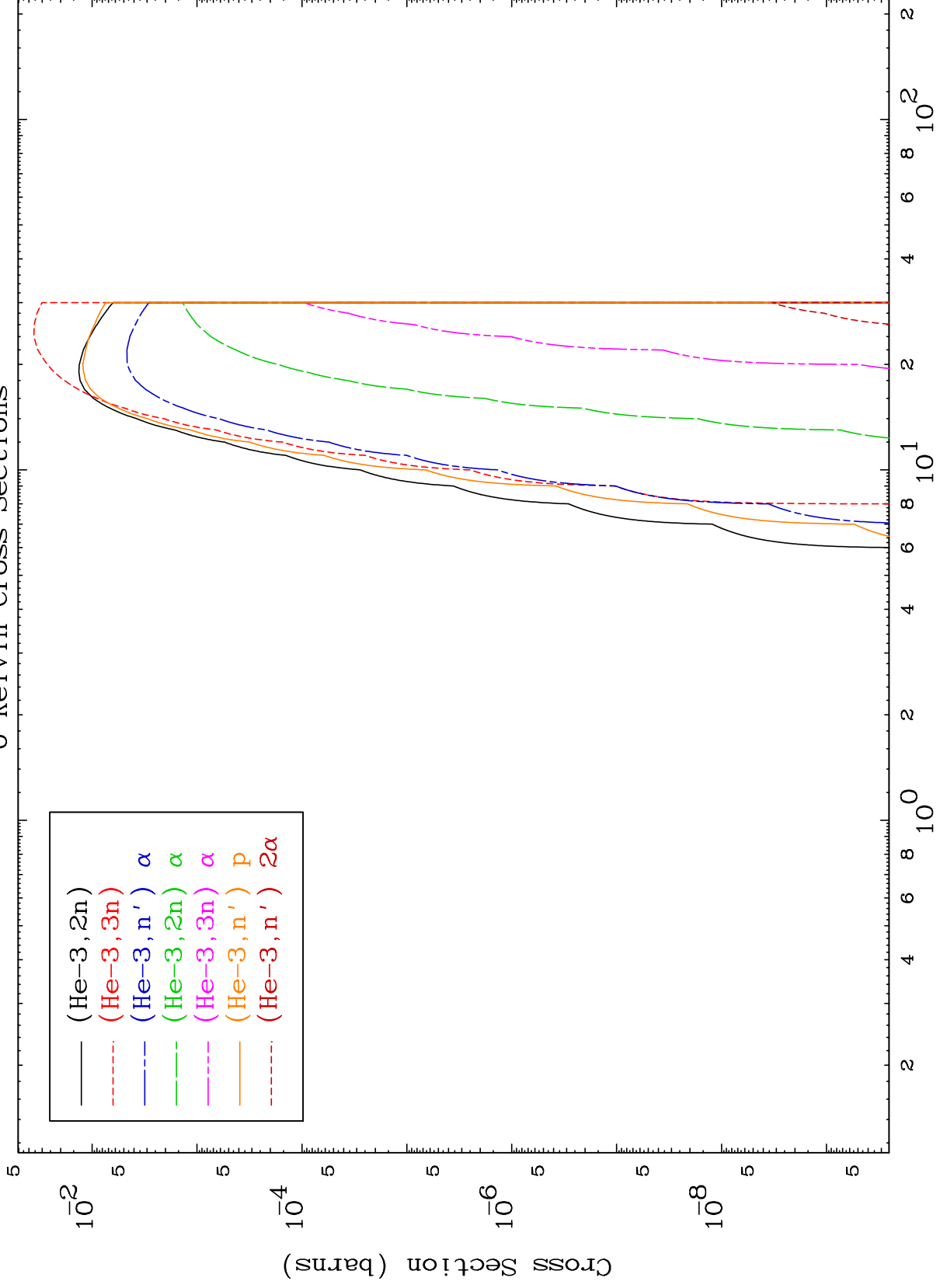
0 Kelvin Cross Sections

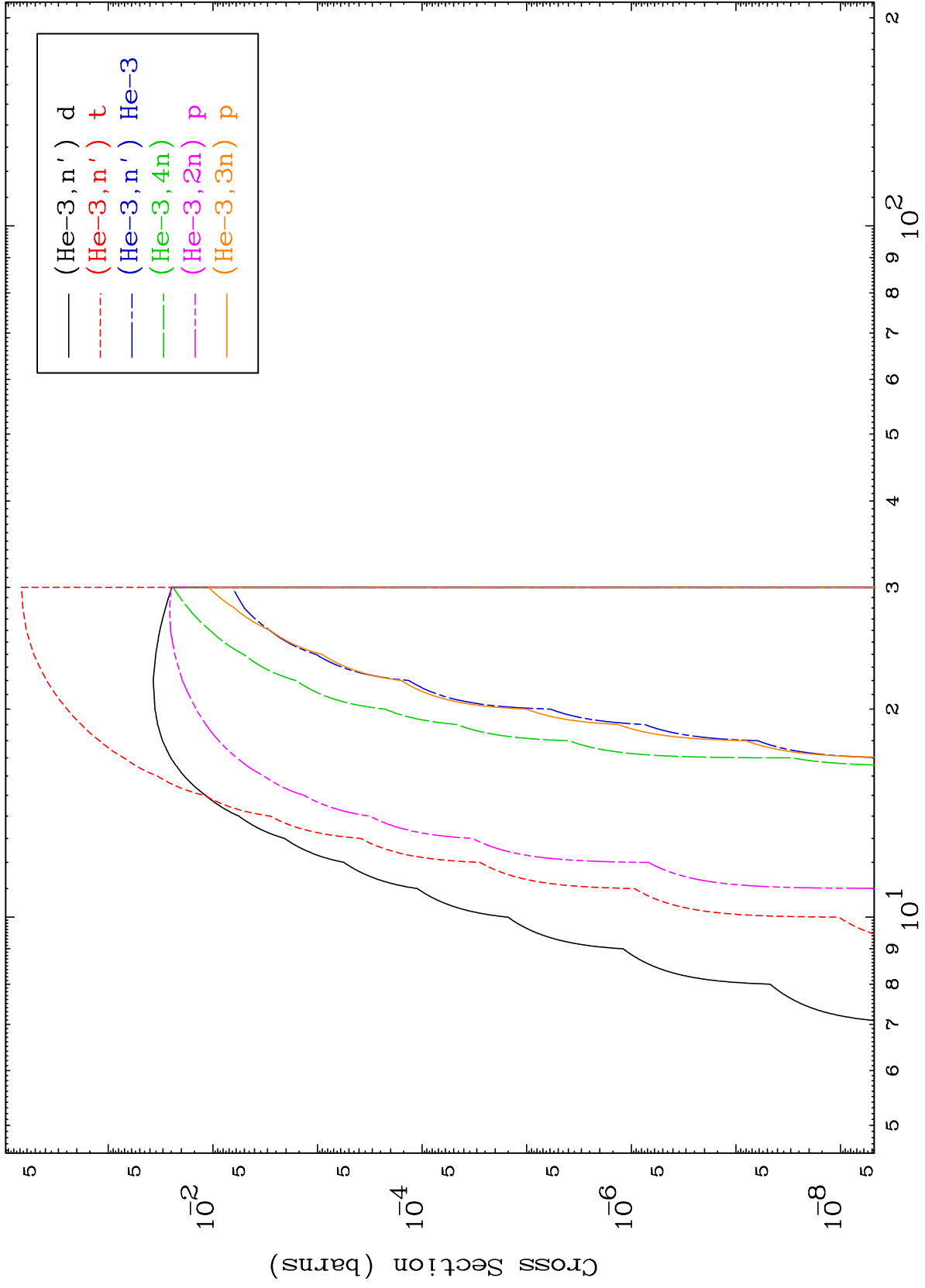


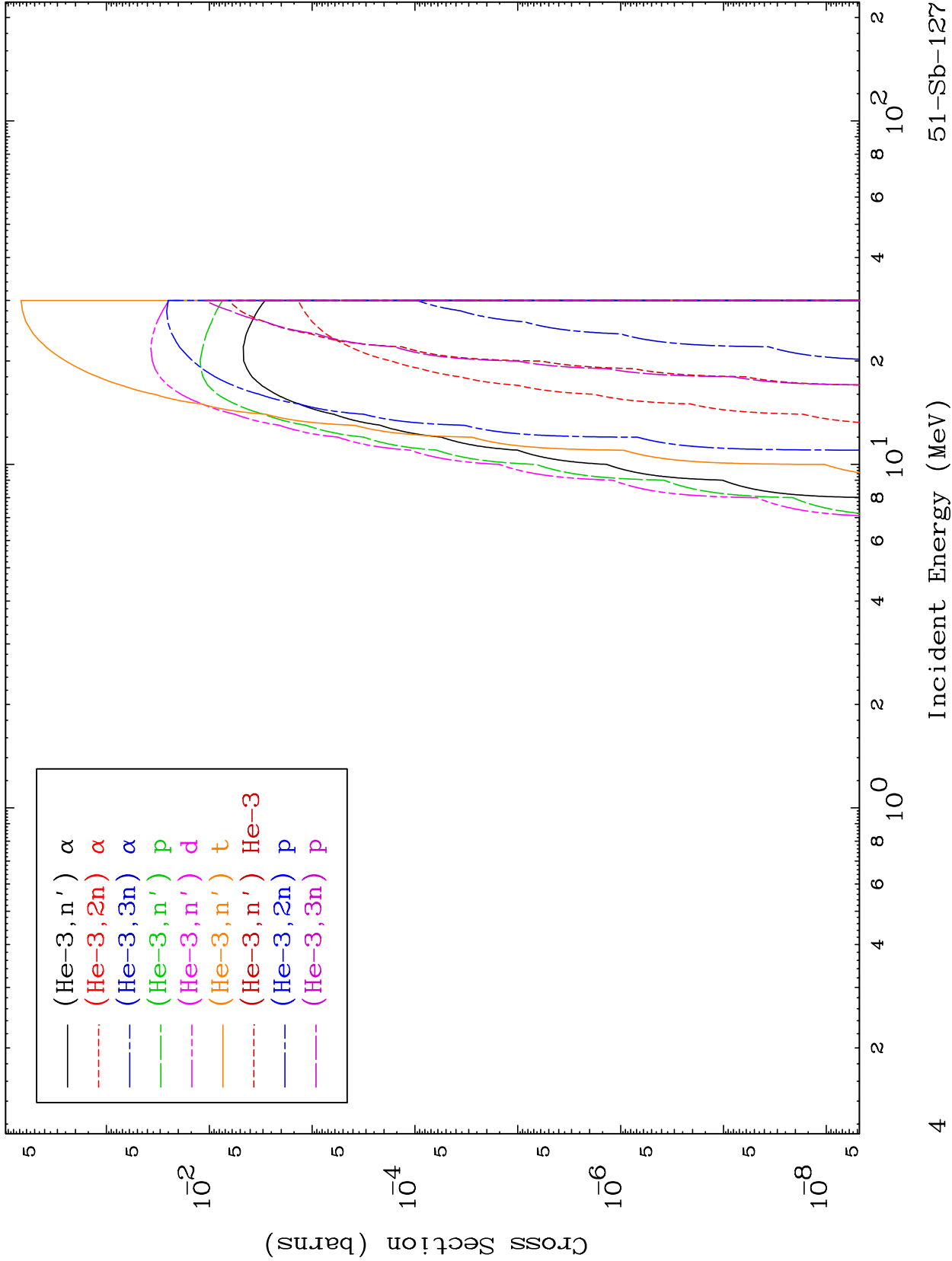
MAT 5143

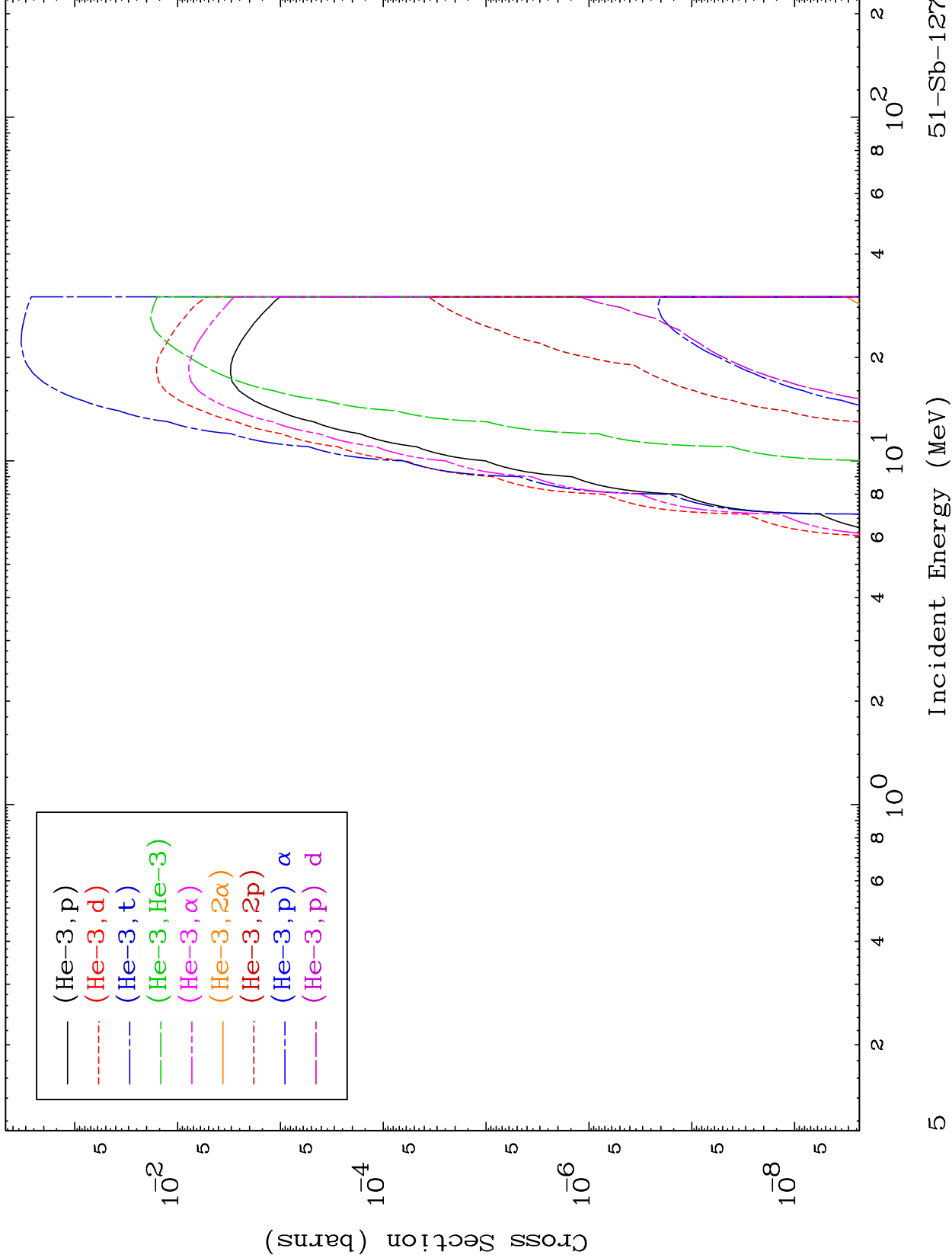
He-3 Neutron Production
0 Kelvin Cross Sections

51-Sb-127

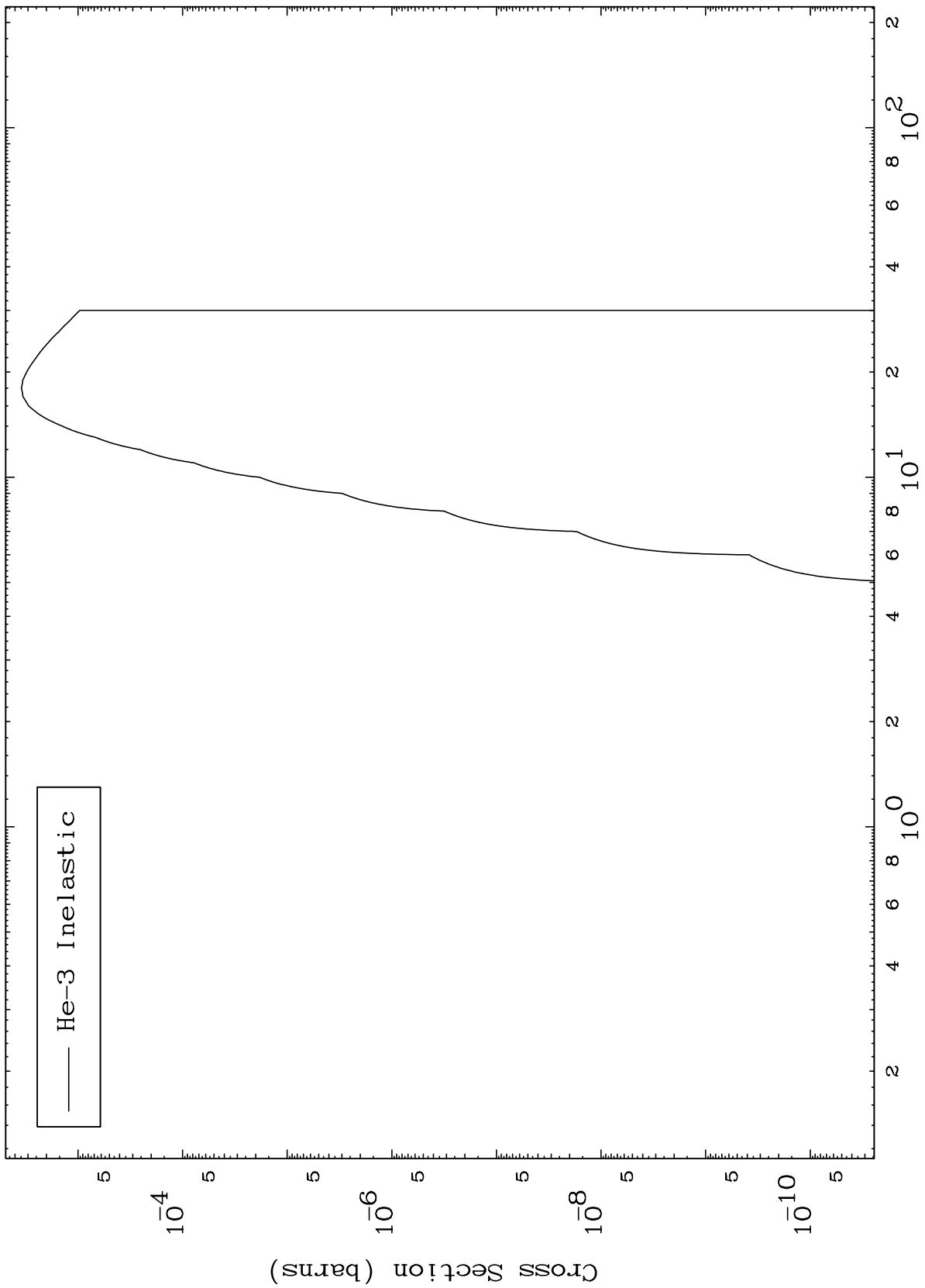


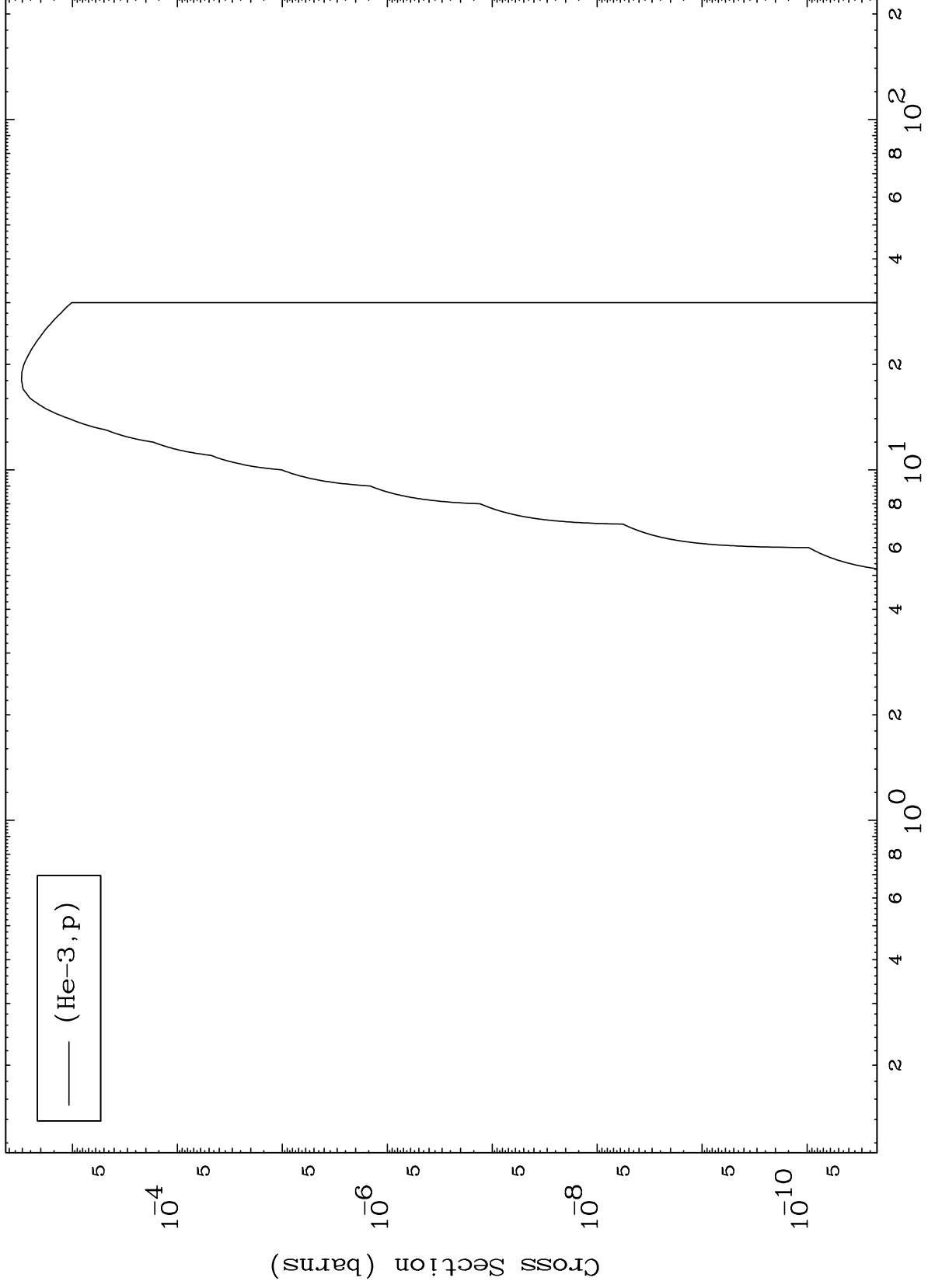






0 Kelvin Cross Sections



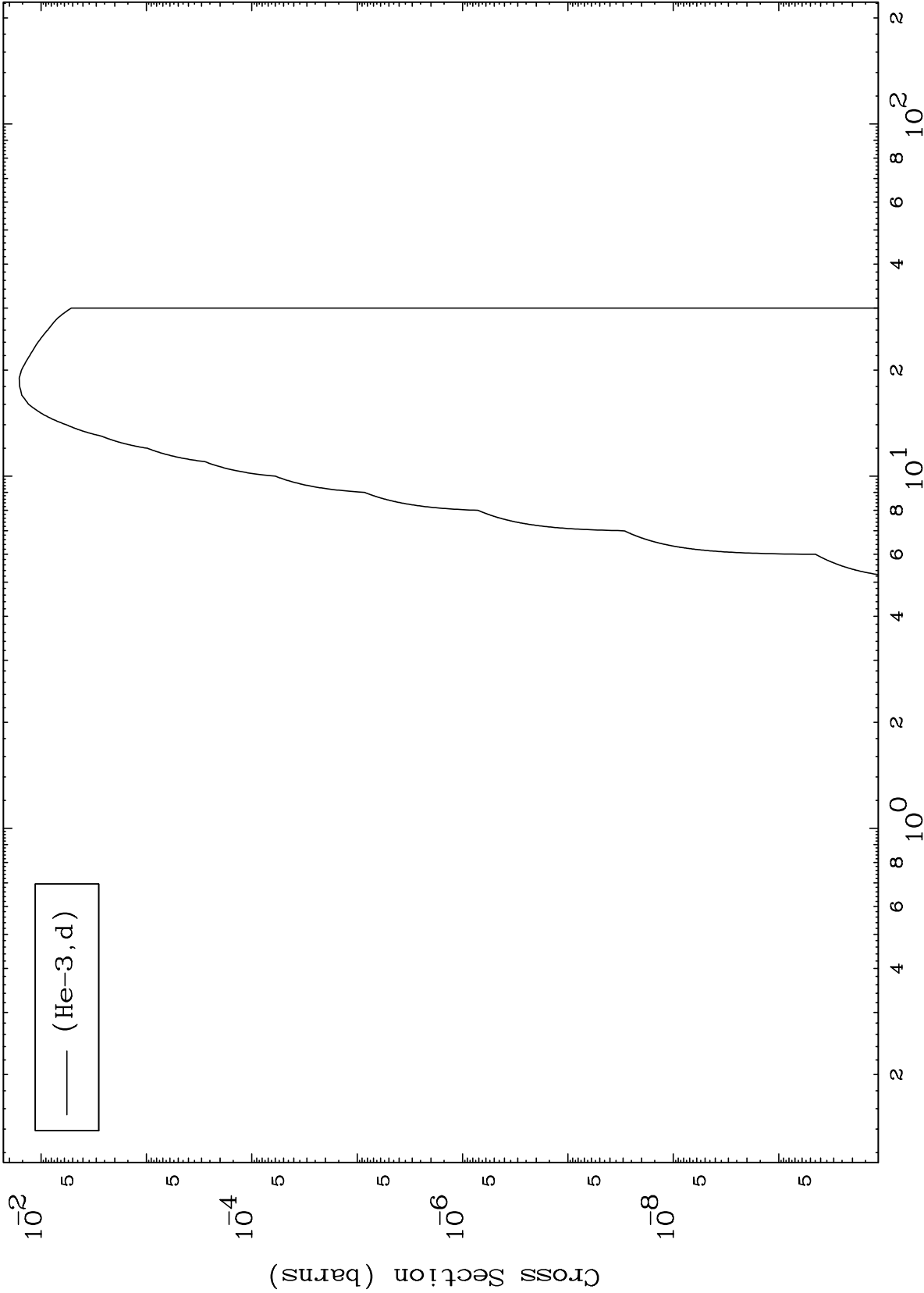


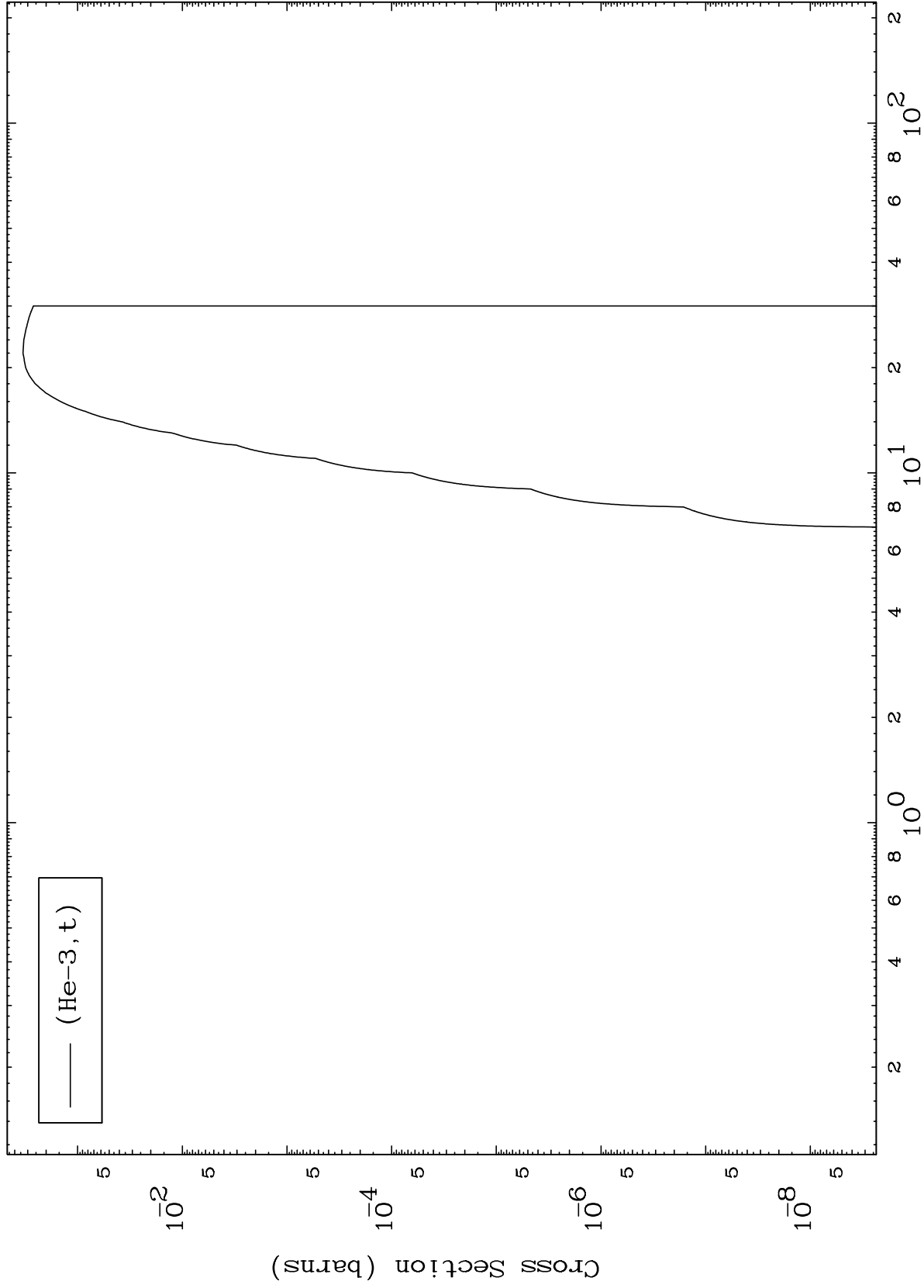
MAT 5143

(He-3,d) Levels

51-Sb-127

0 Kelvin Cross Sections



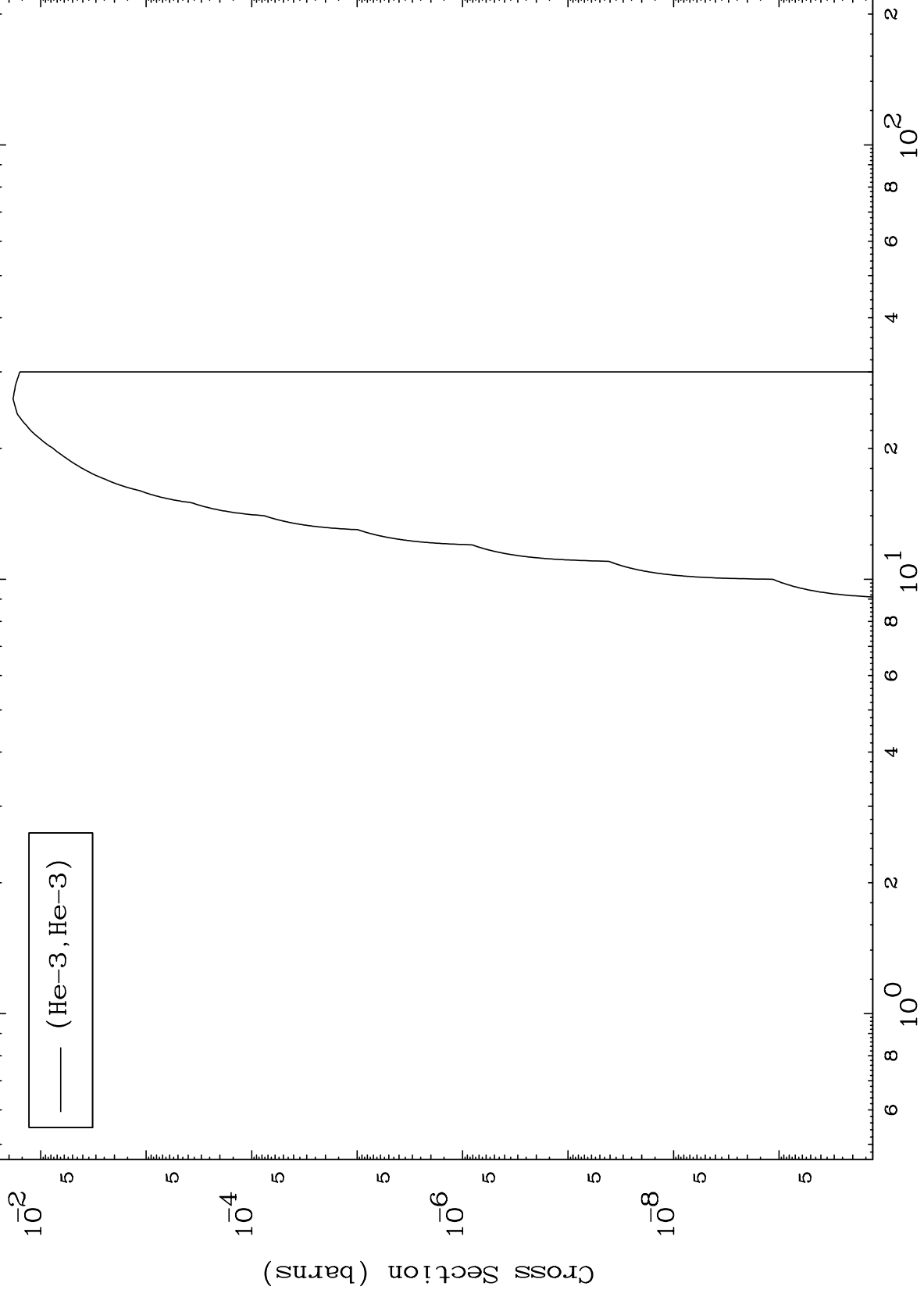


MAT 5143

(He-3, He3) Levels

51-Sb-127

0 Kelvin Cross Sections



10

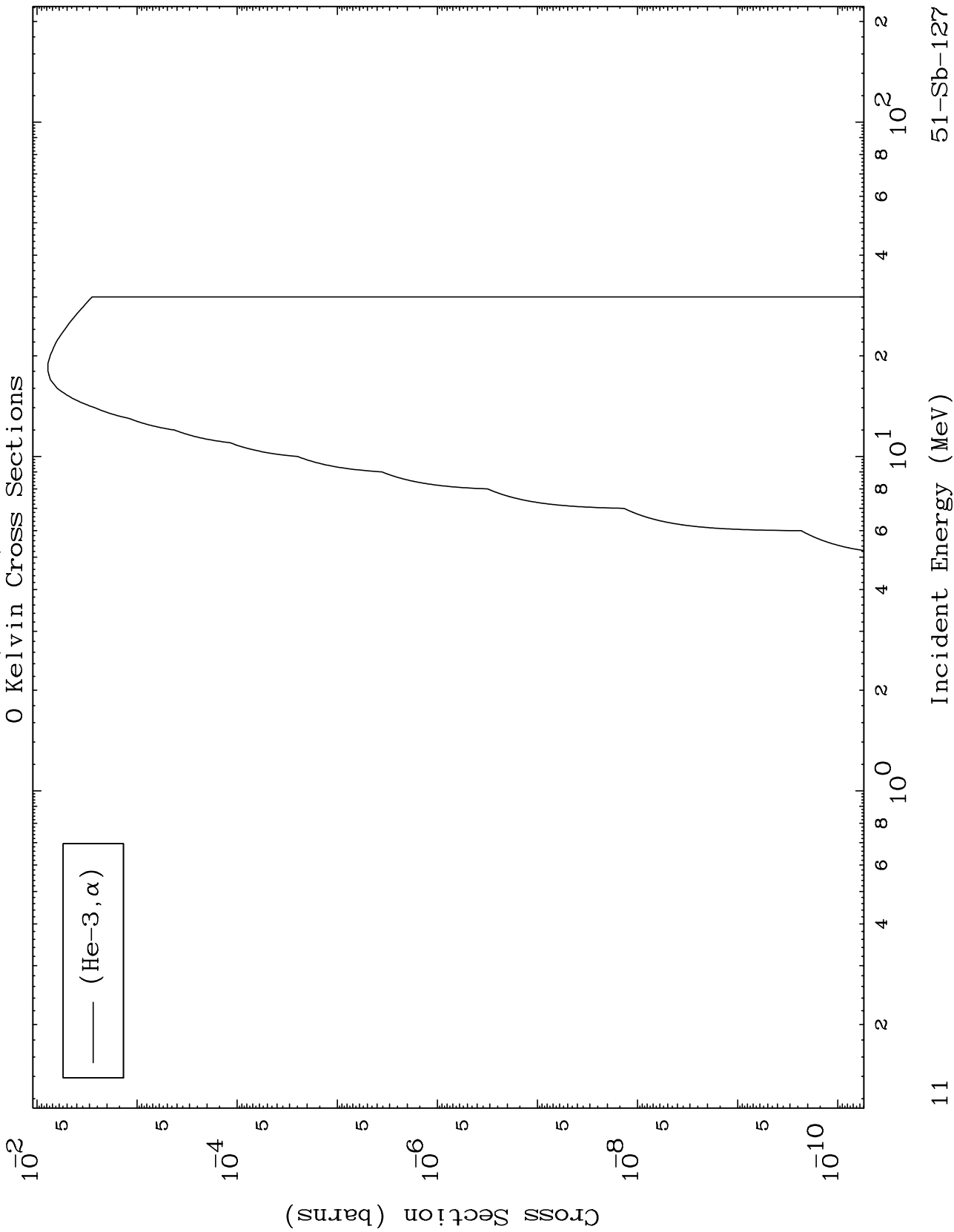
Incident Energy (MeV)

51-Sb-127

MAT 5143

(He-3, α) Levels

51-Sb-127

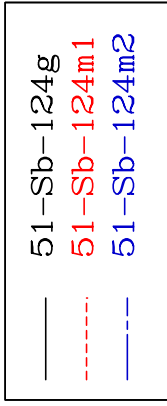
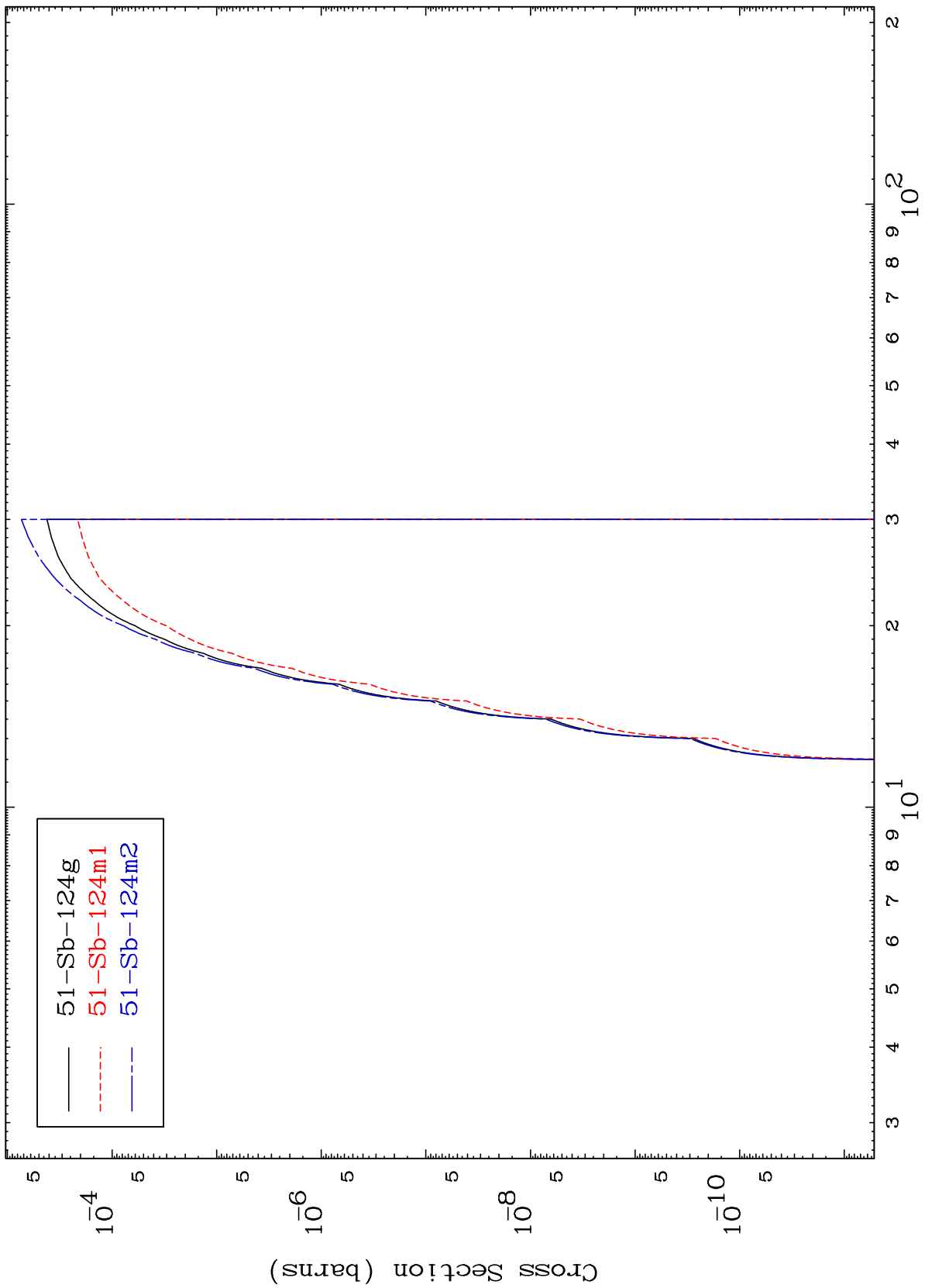


MAT 5143

(He-3,2n) α

51-Sb-127

Radionuclide Production Cross Section



12

Incident Energy (MeV)

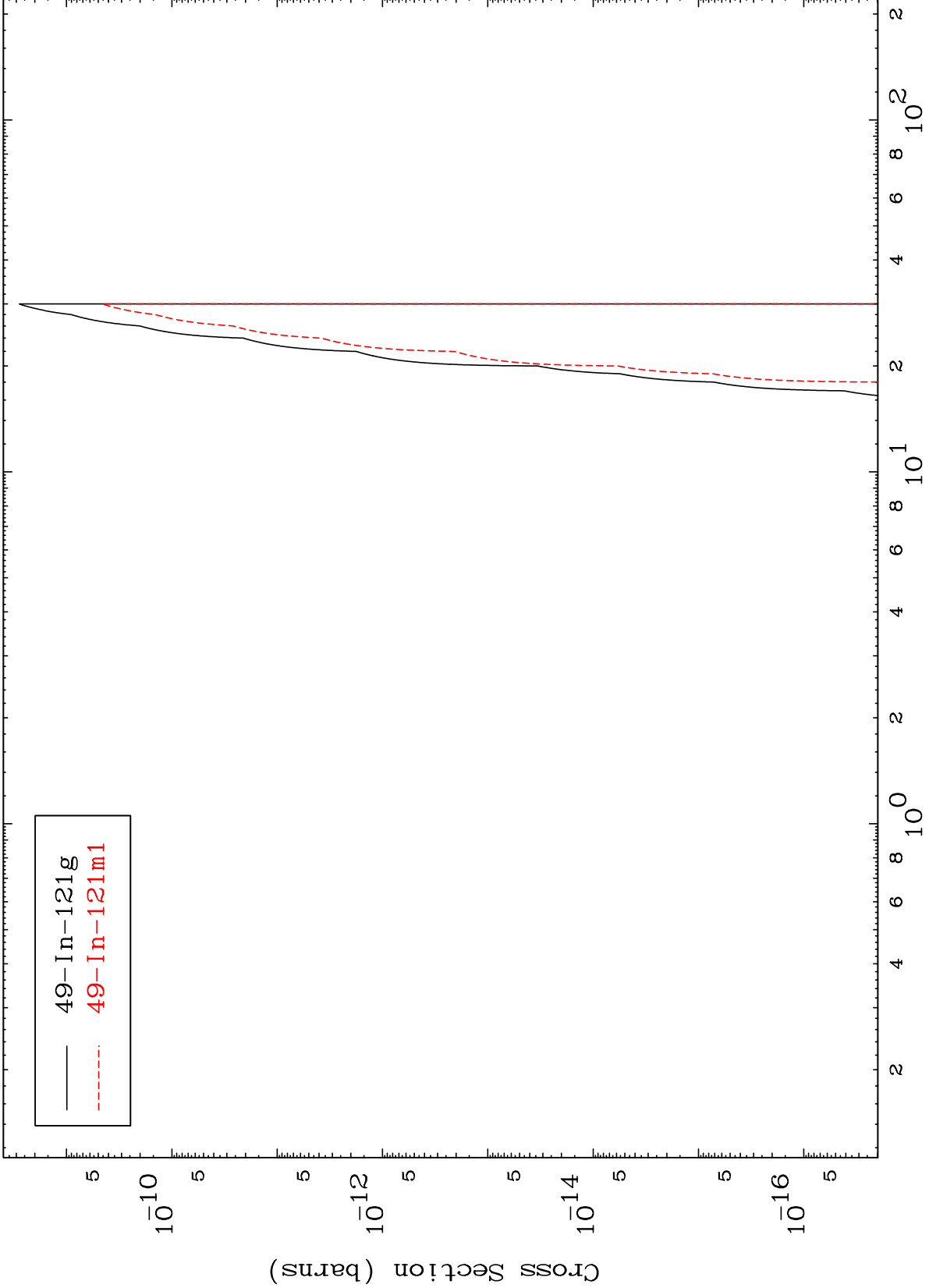
51-Sb-127

MAT 5143

(He-3, n') 2 α

51-Sb-127

Radionuclide Production Cross Section

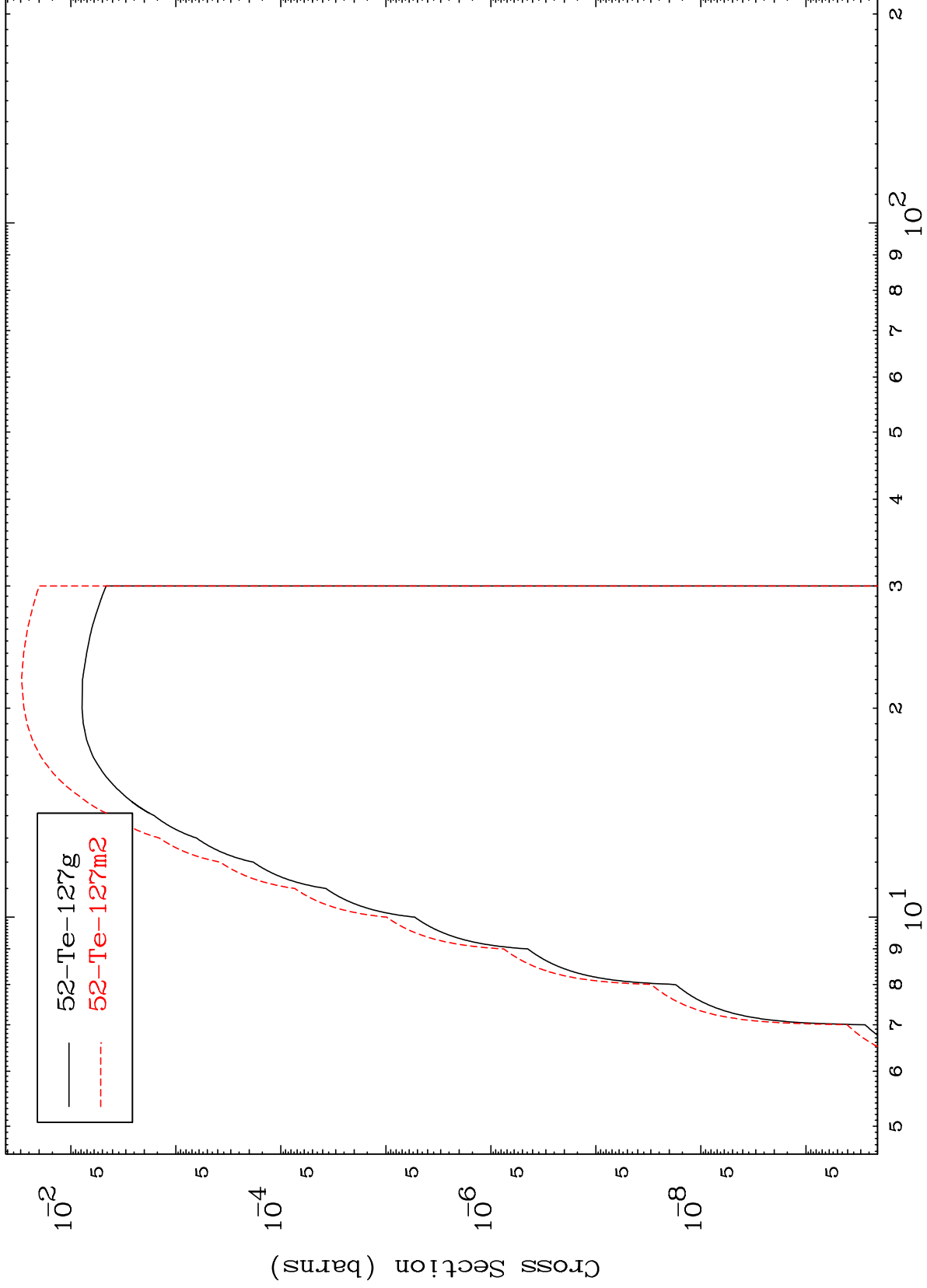


MAT 5143

(He-3, n') d

51-Sb-127

Radionuclide Production Cross Section



14

Incident Energy (MeV)

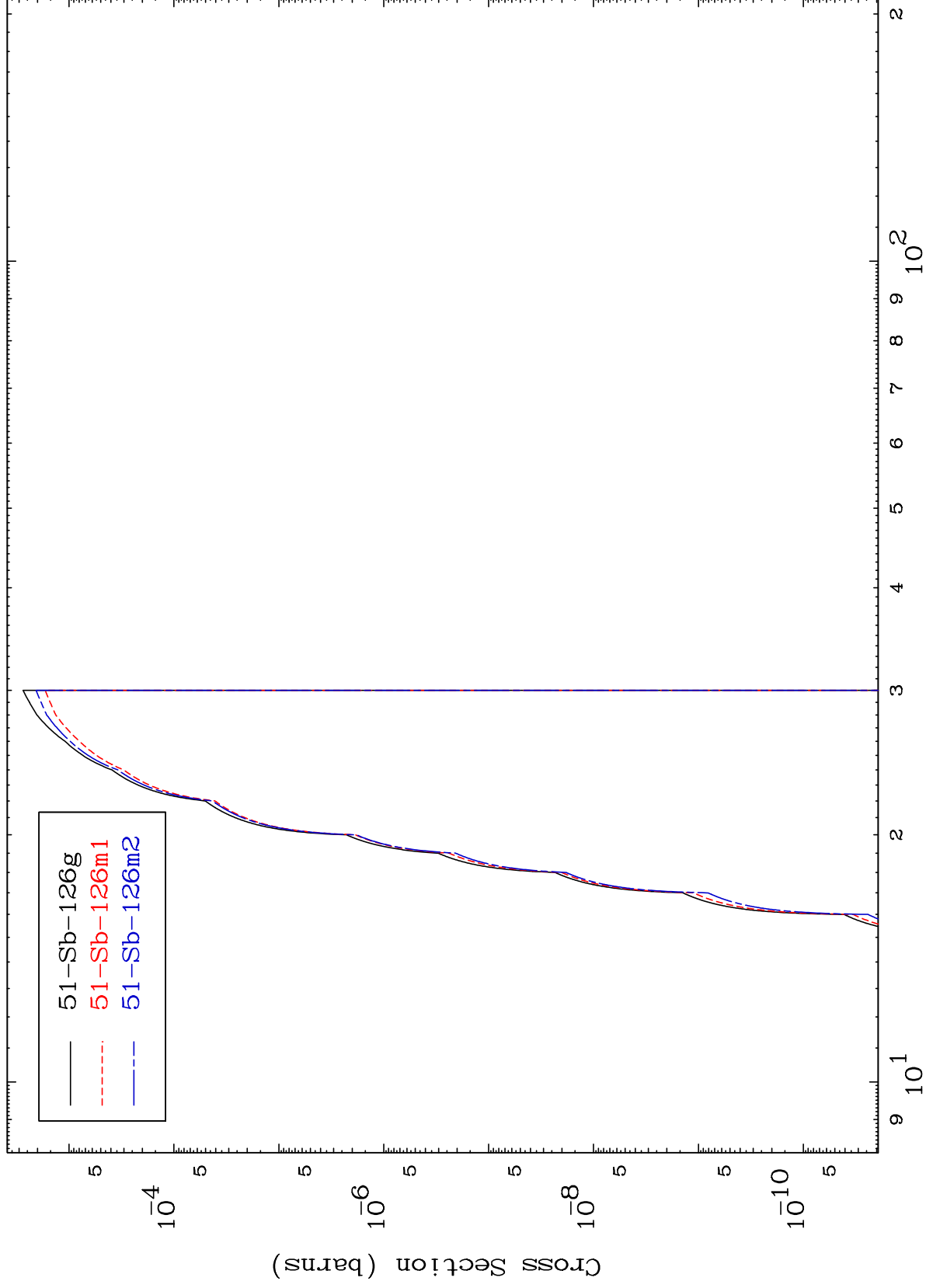
51-Sb-127

MAT 5143

(He-3, n') He-3

51-Sb-127

Radionuclide Production Cross Section



15

Incident Energy (MeV)

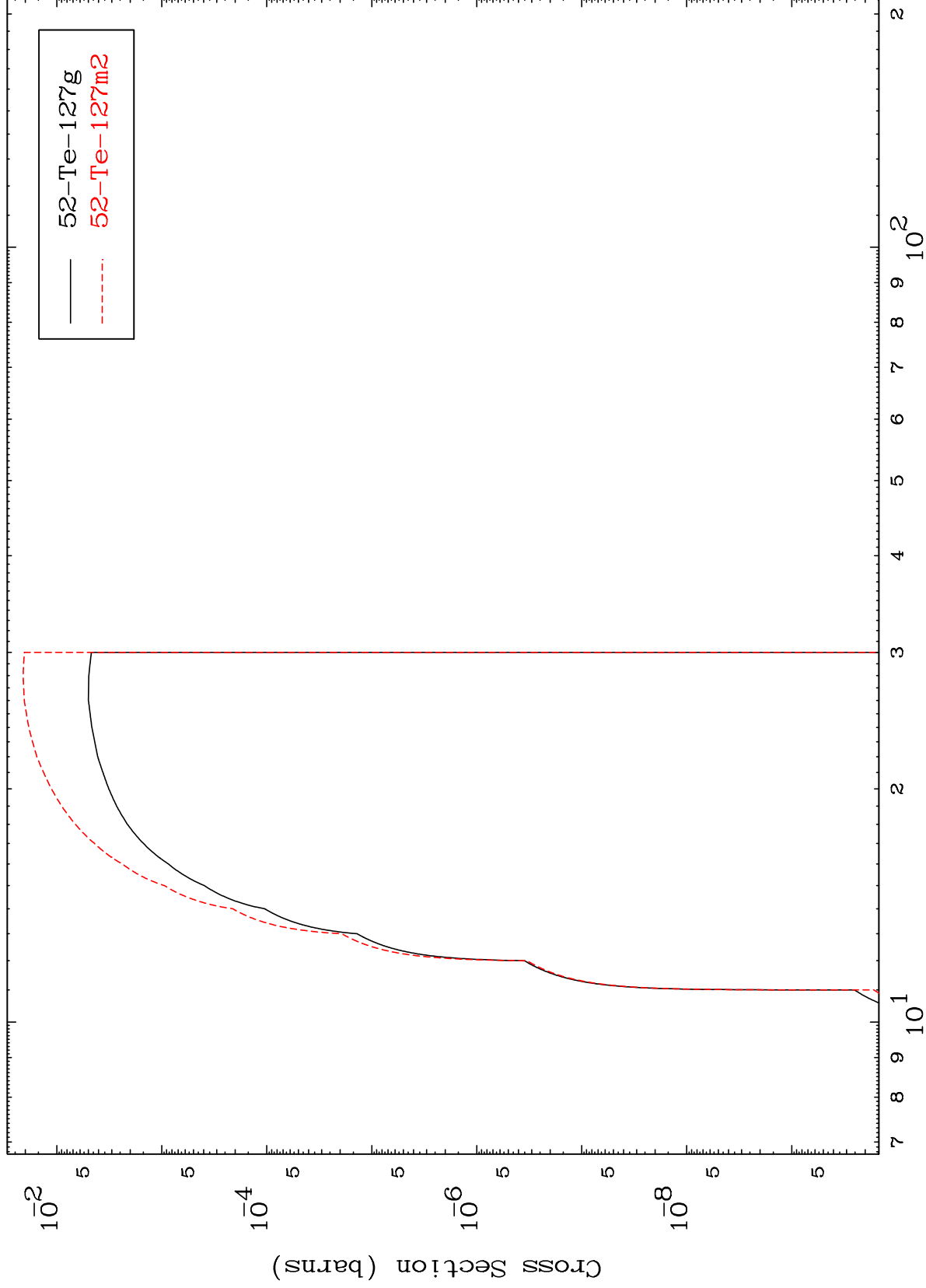
51-Sb-127

MAT 5143

(He-3,2n) p

51-Sb-127

Radionuclide Production Cross Section



16

Incident Energy (MeV)

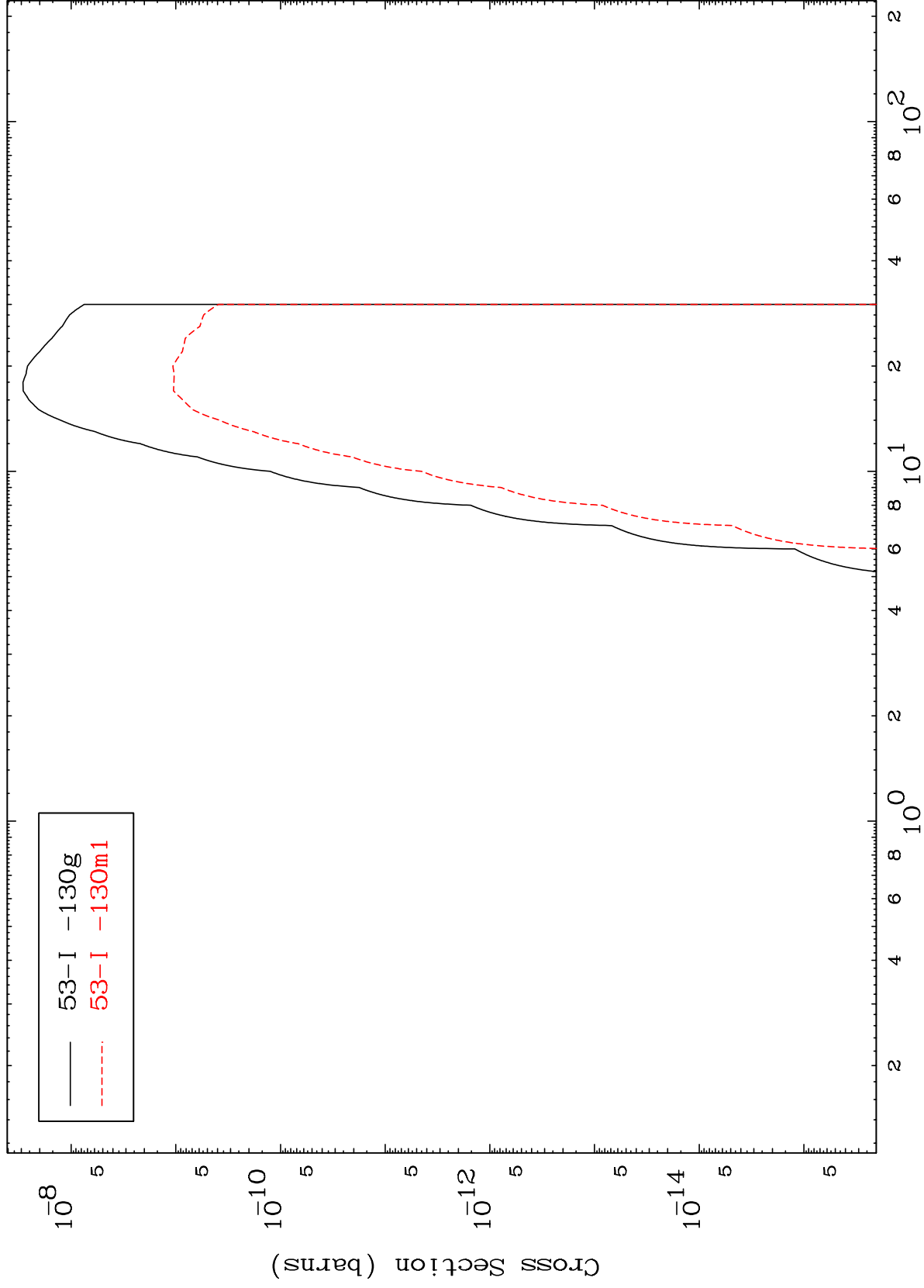
51-Sb-127

MAT 5143

(He-3, γ)

51-Sb-127

Radionuclide Production Cross Section



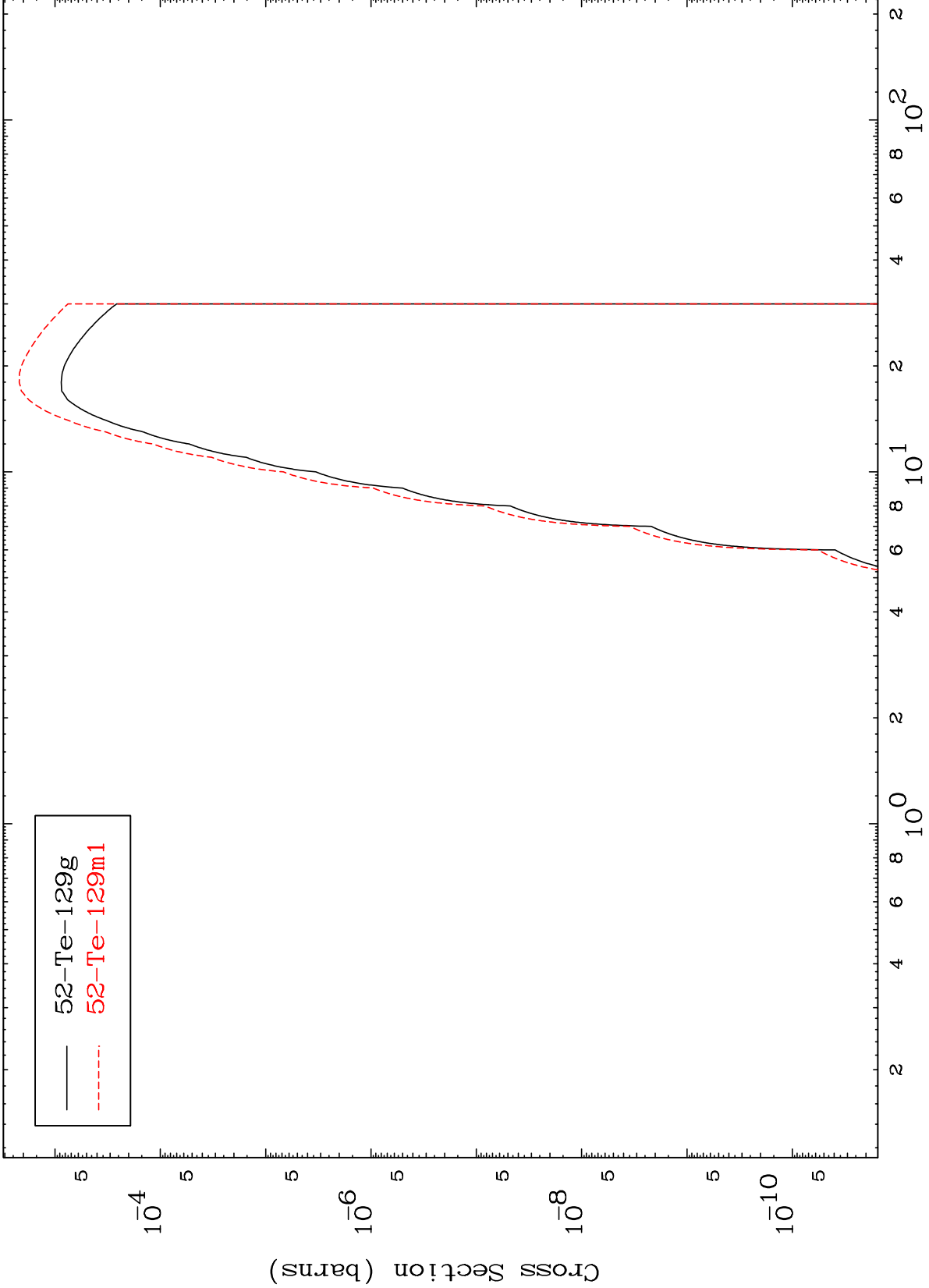
— 53-I -130g
- - - 53-I -130m1

MAT 5143

(He-3,p)

51-Sb-127

Radionuclide Production Cross Section



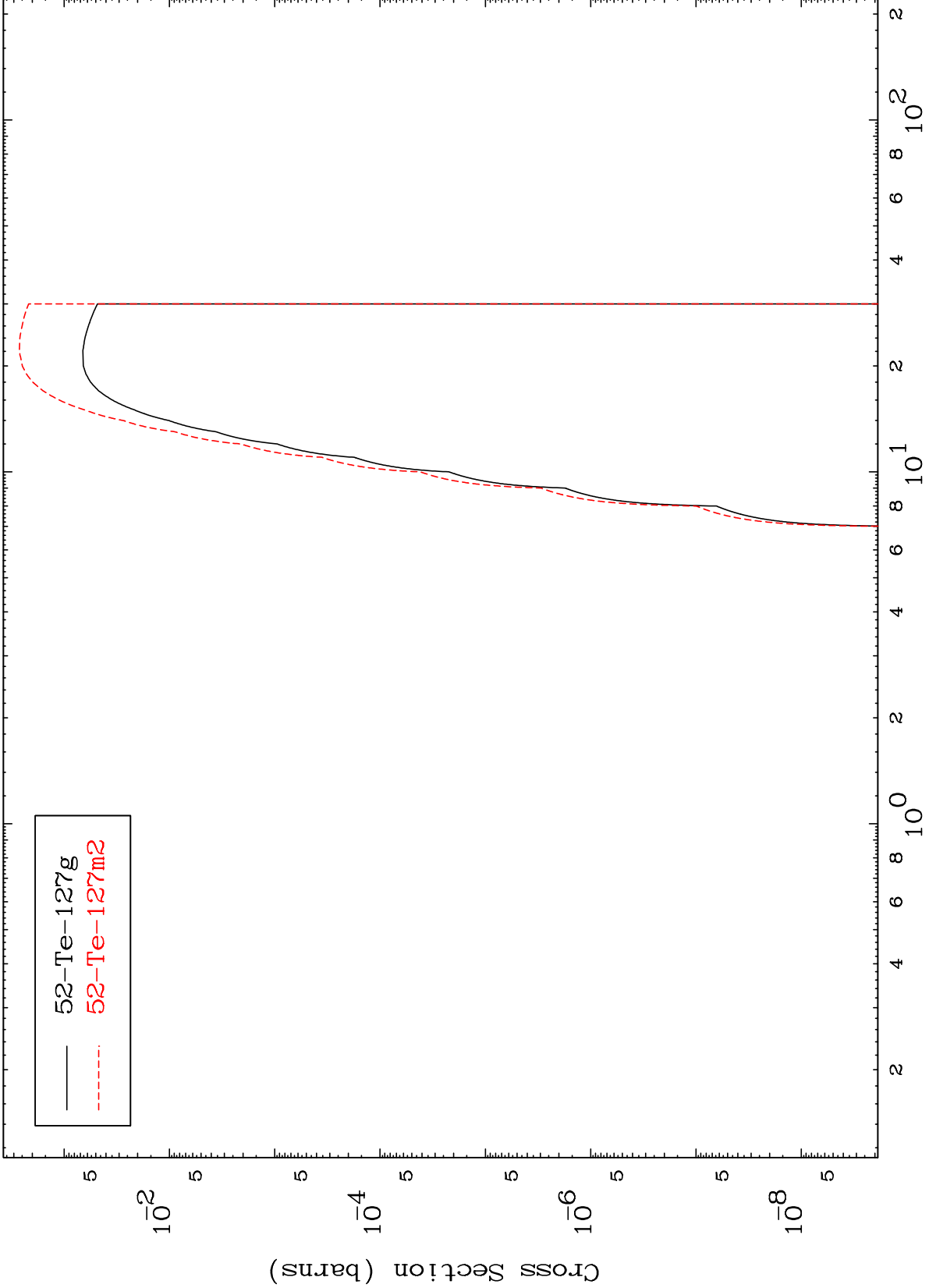
52-Te-129g
52-Te-129m1

MAT 5143

(He-3, t)

51-Sb-127

Radionuclide Production Cross Section



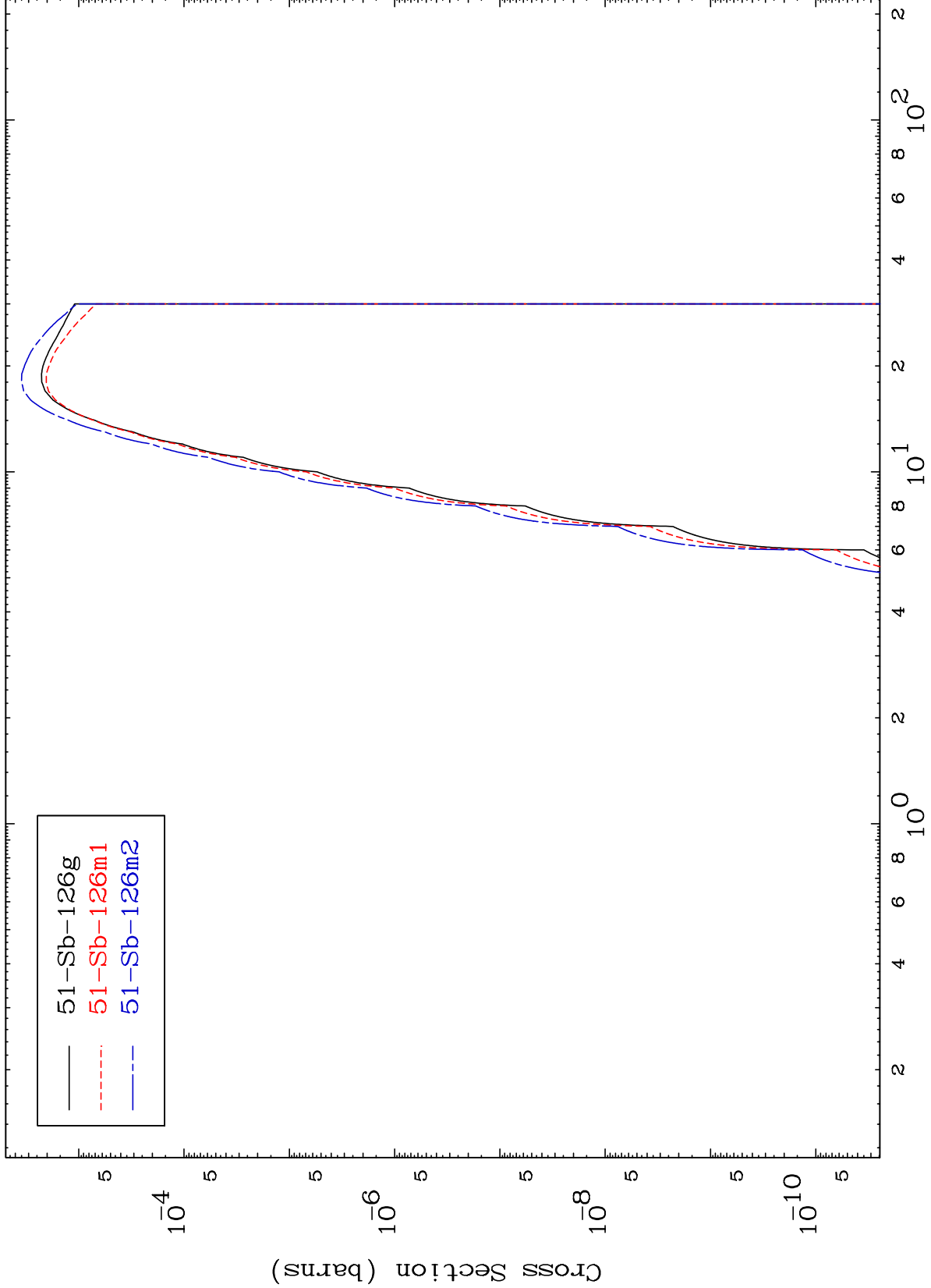
52-Te-127g
52-Te-127m2

MAT 5143

(He-3, α)

51-Sb-127

Radionuclide Production Cross Section



20

Incident Energy (MeV)

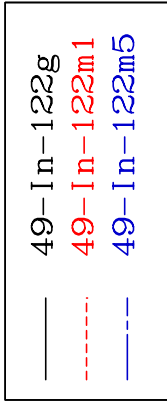
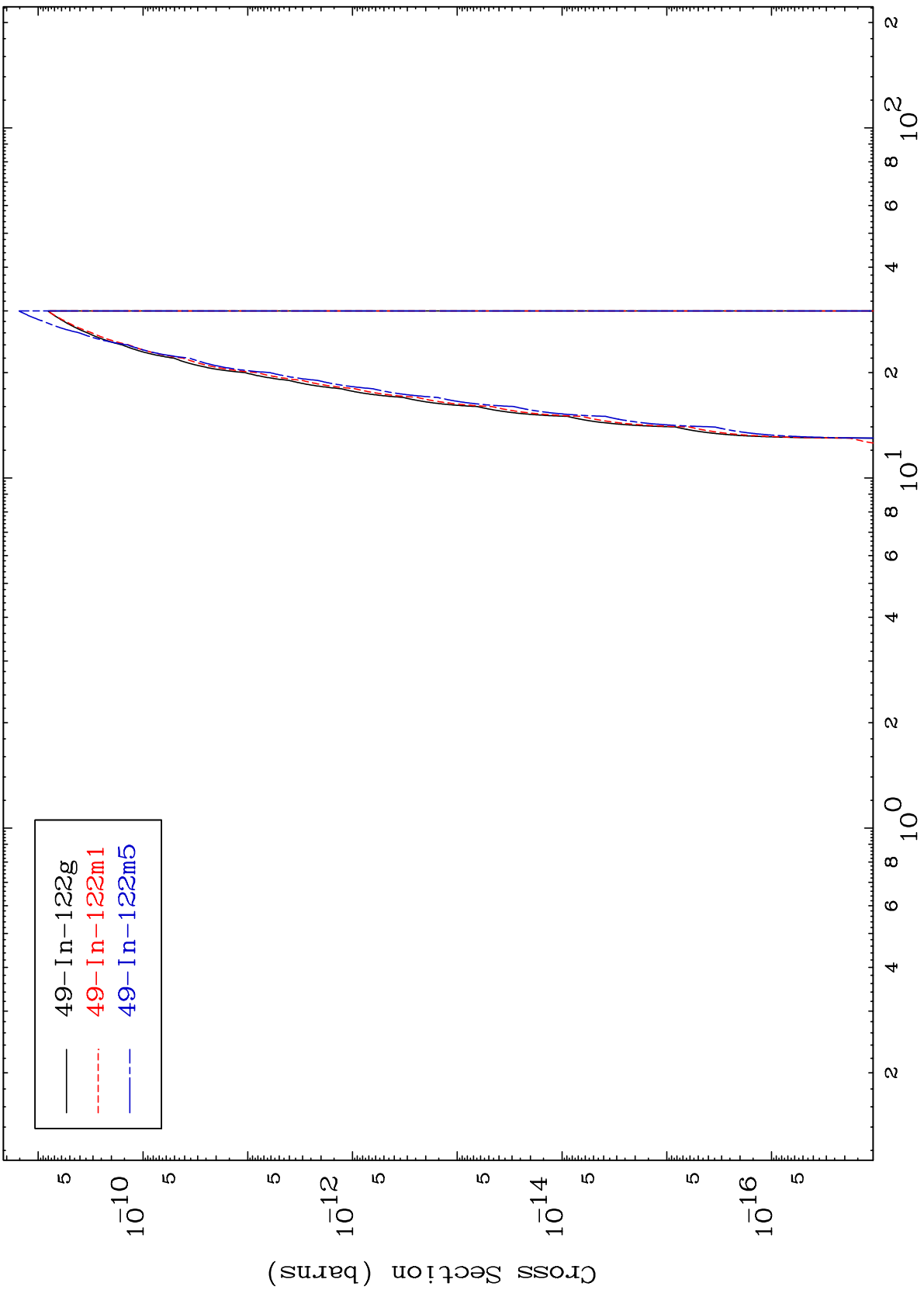
51-Sb-127

MAT 5143

(He-3,2α)

51-Sb-127

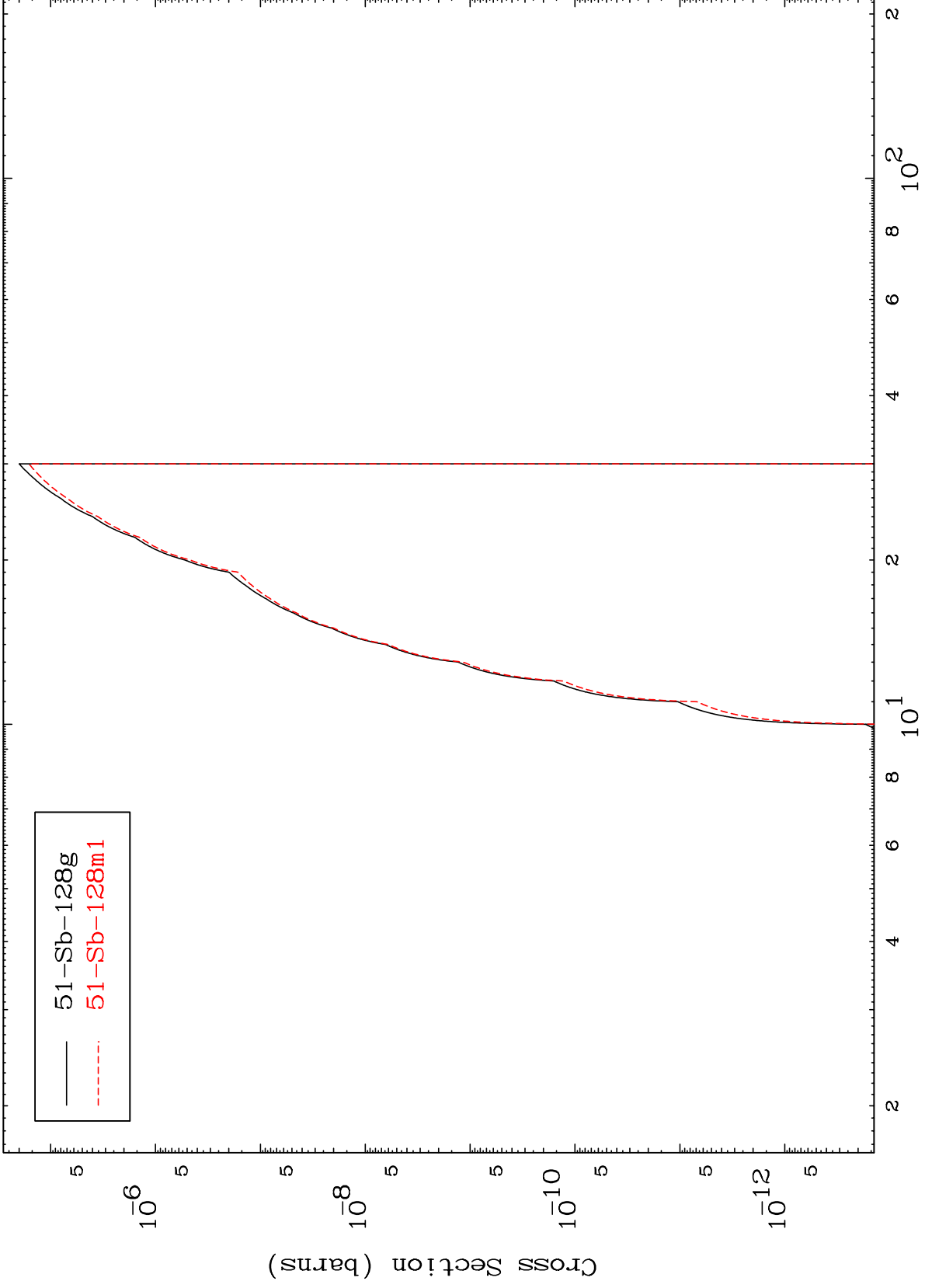
Radionuclide Production Cross Section



MAT 5143

51-Sb-127

Radionuclide Production Cross Section
(He-3,2p)



22

51-Sb-127

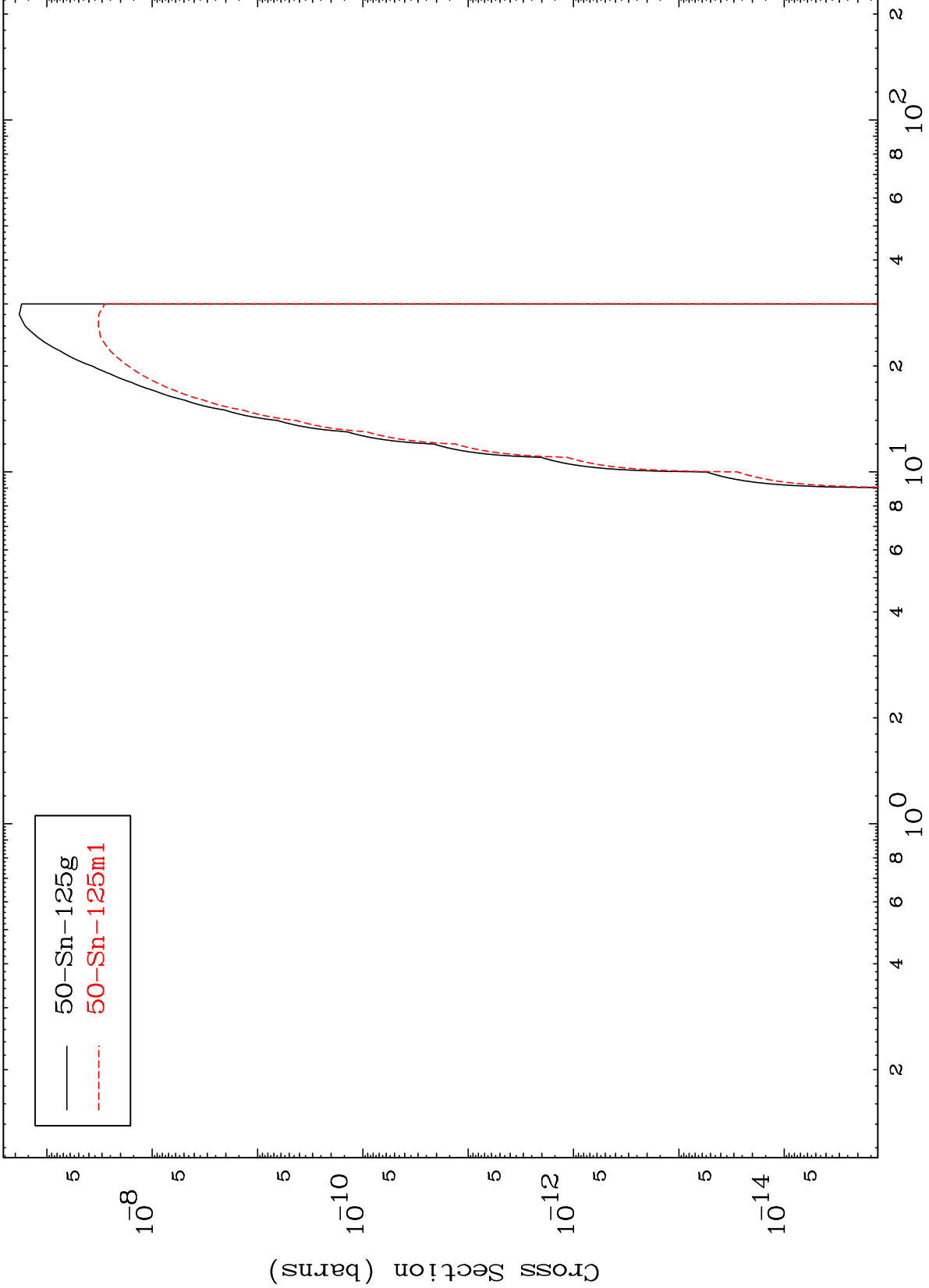
Incident Energy (MeV)

MAT 5143

(He-3,p) α

51-Sb-127

Radionuclide Production Cross Section

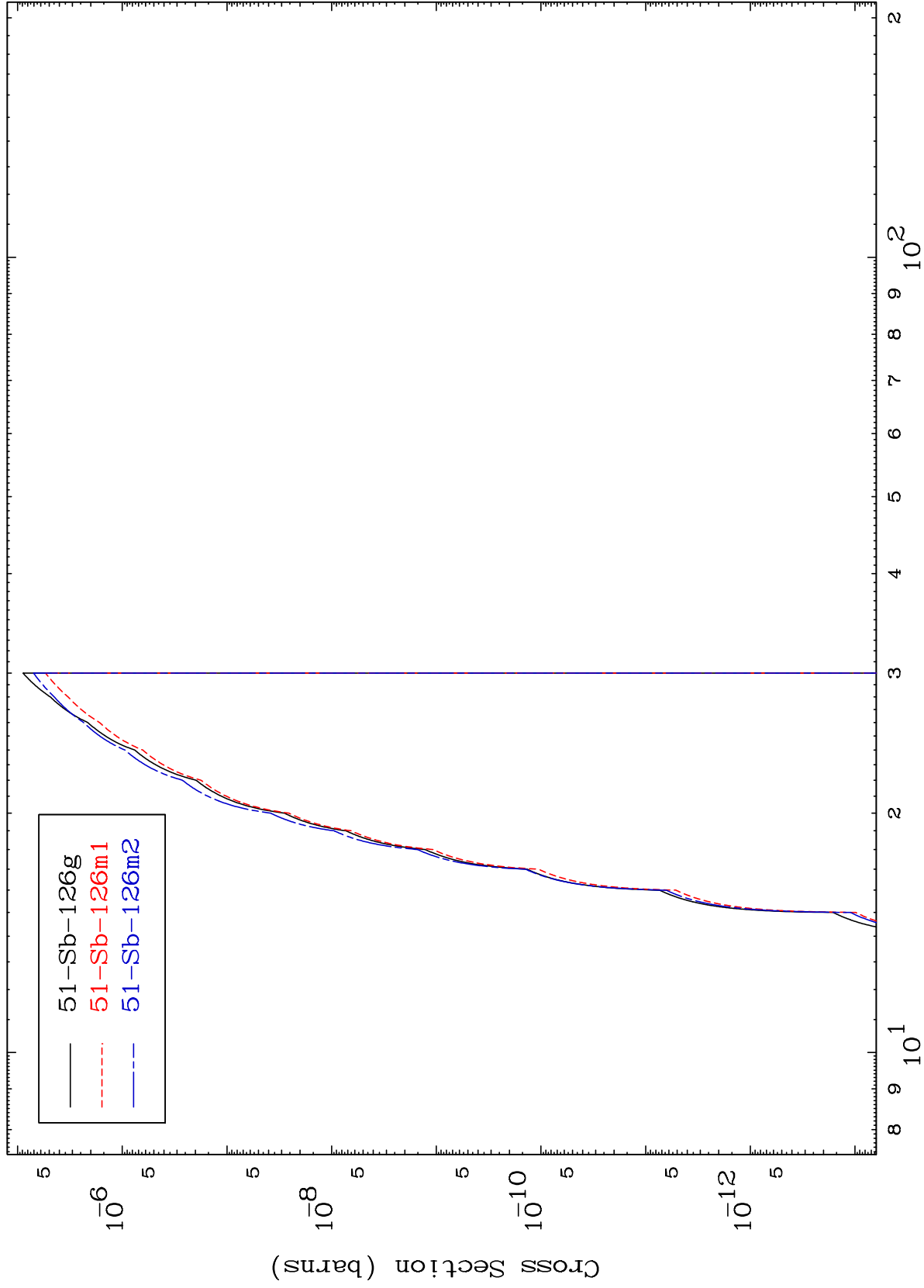


MAT 5143

(He-3,p) t

51-Sb-127

Radionuclide Production Cross Section



24

Incident Energy (MeV)

51-Sb-127