

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

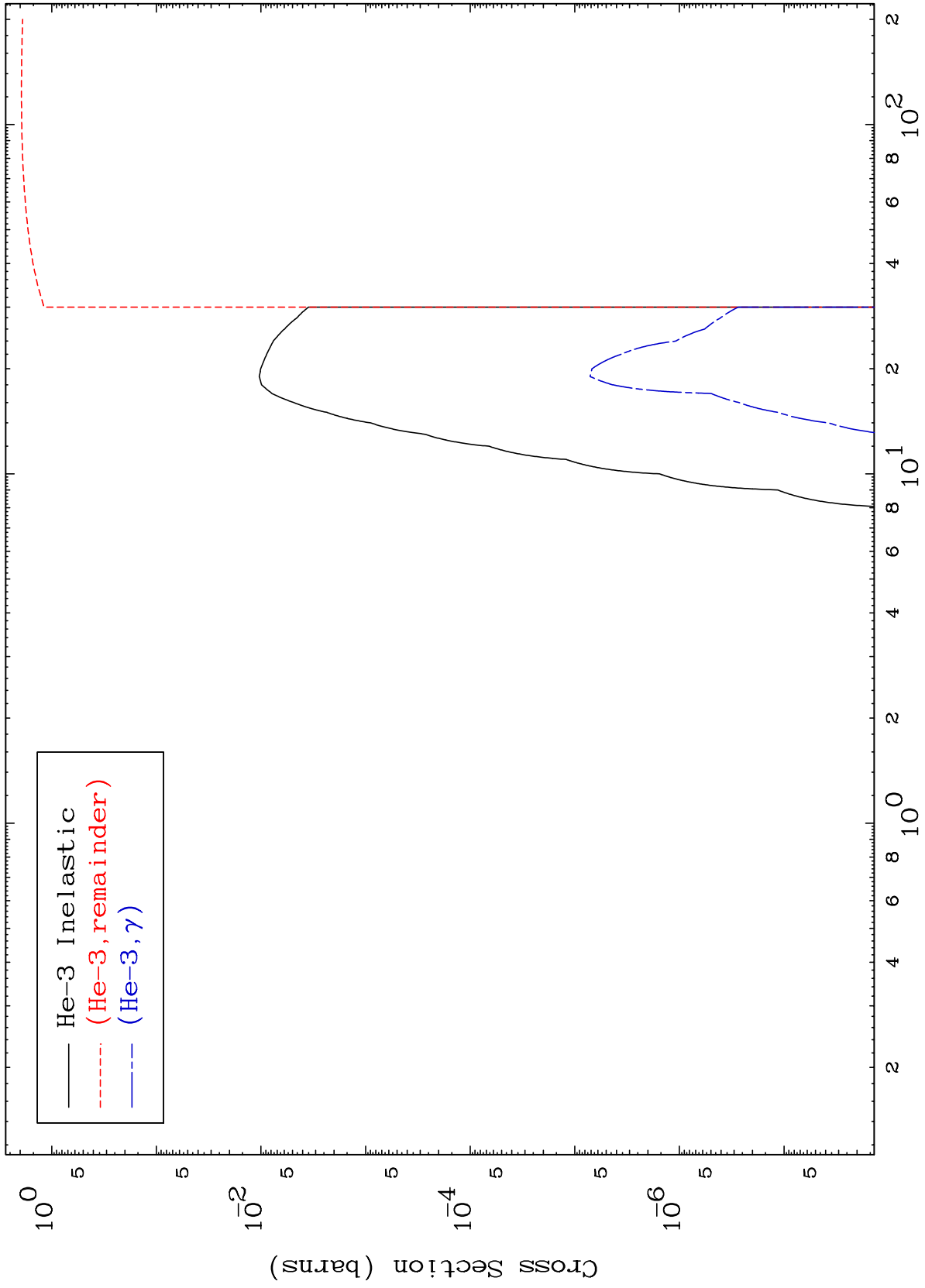
Press Mouse Button to Start

MAT 5698

He-3 Major

57-La-129

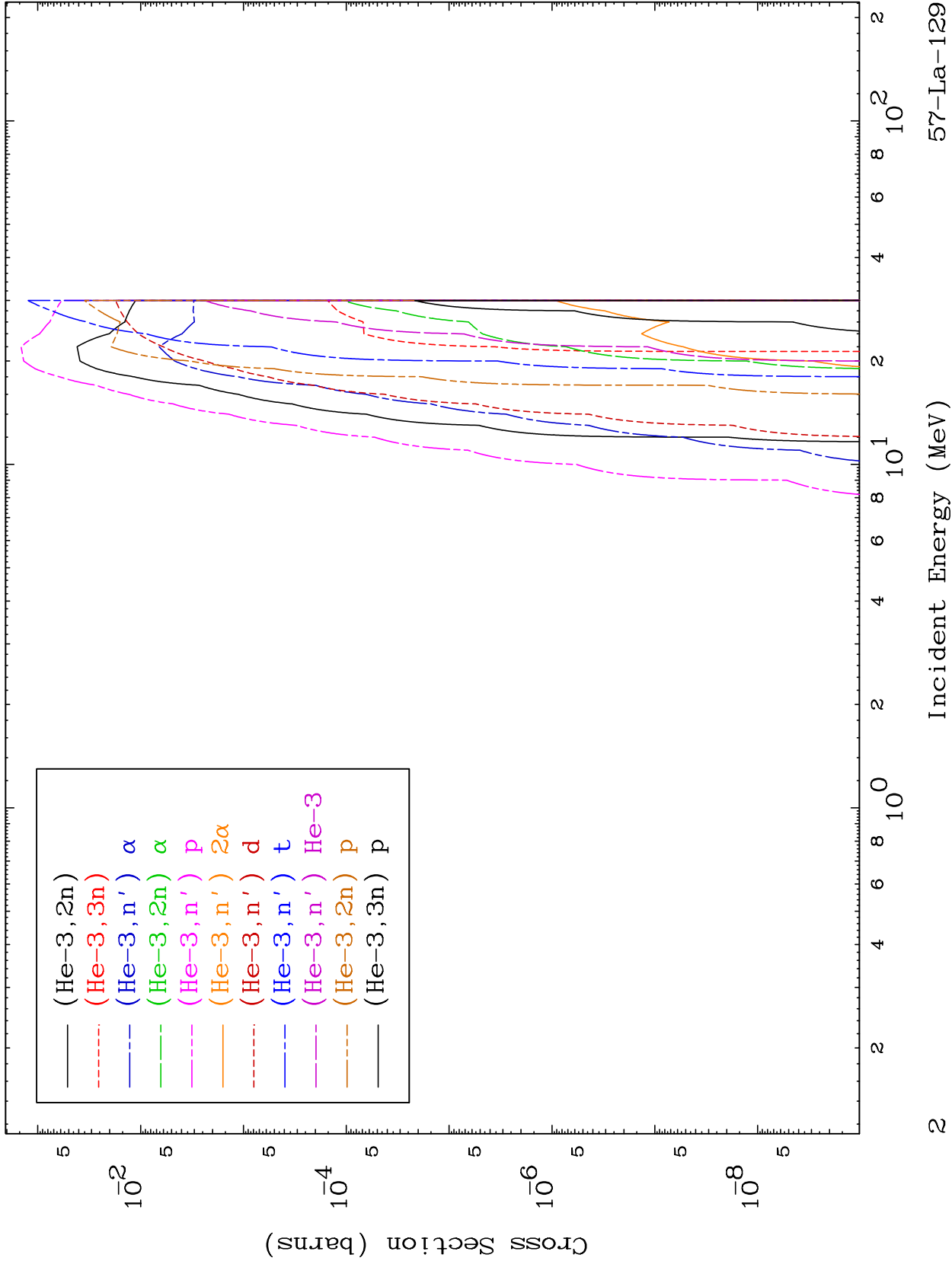
0 Kelvin Cross Sections



MAT 5698

He-3 Neutron Production  
0 Kelvin Cross Sections

57-La-129



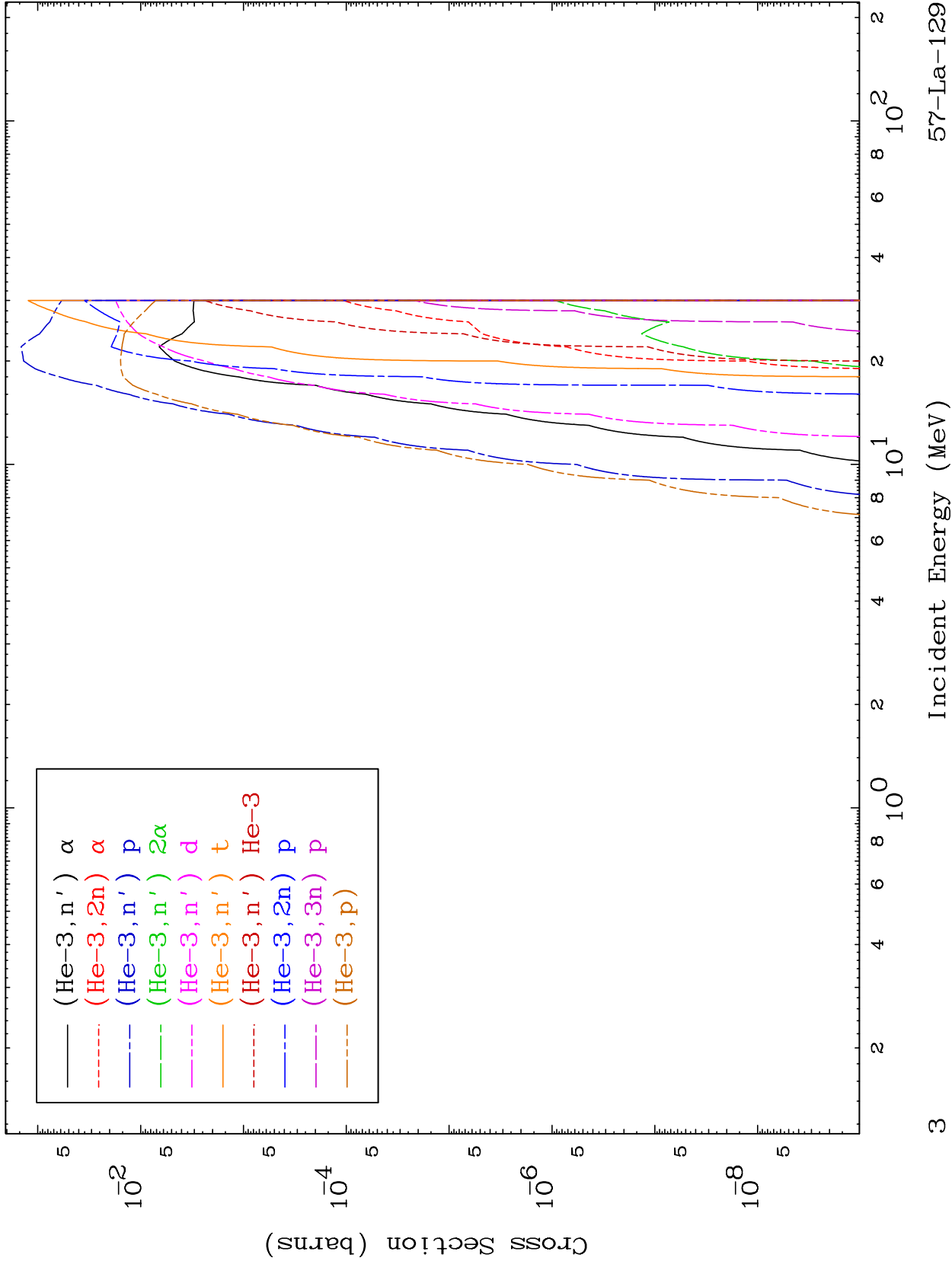
57-La-129

Incident Energy (MeV)

MAT 5698

He-3 Charged Particle  
0 Kelvin Cross Sections

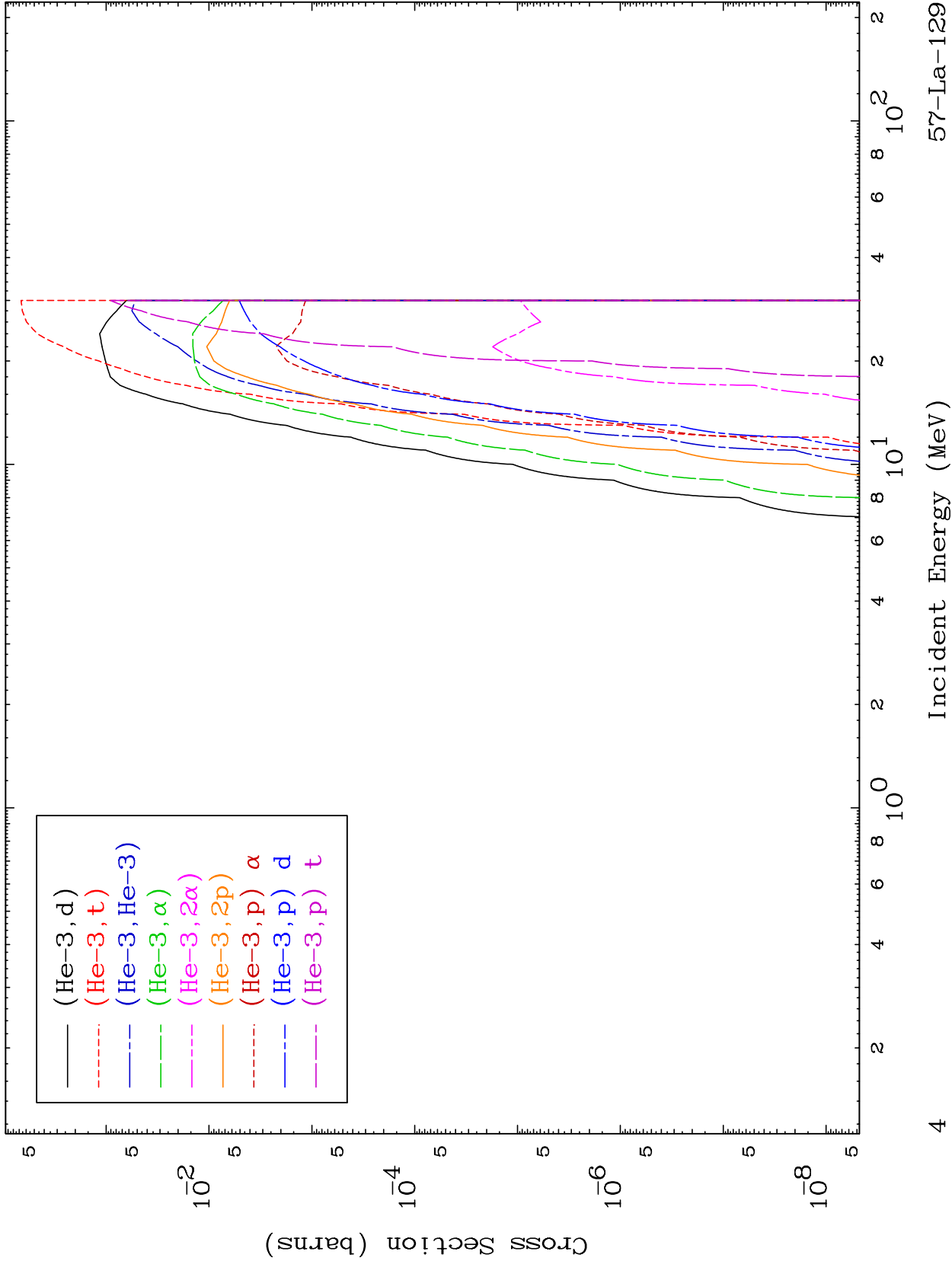
57-La-129



MAT 5698

He-3 Charged Particle  
0 Kelvin Cross Sections

57-La-129

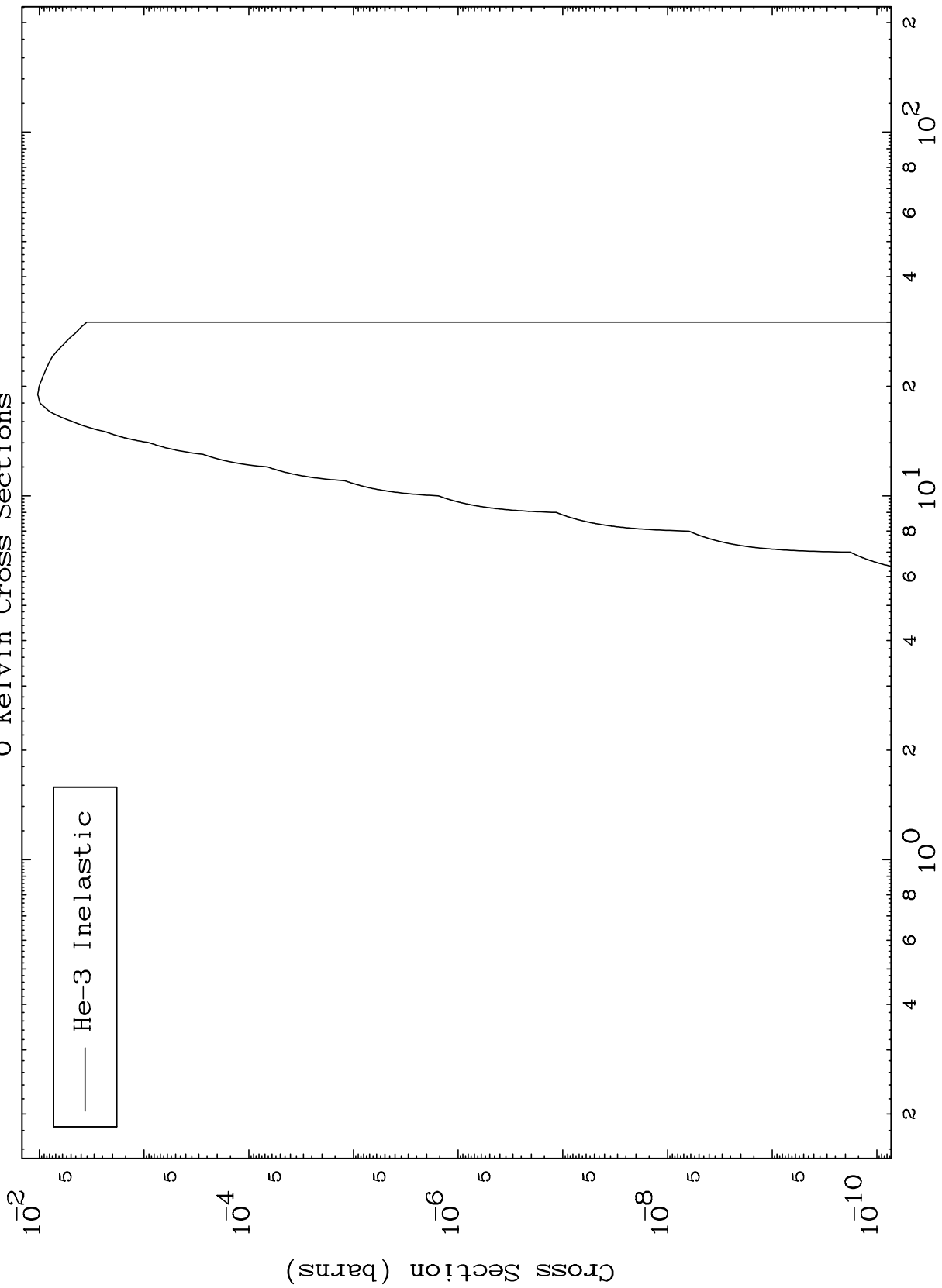


MAT 5698

(He-3, n') Level

57-La-129

0 Kelvin Cross Sections



5

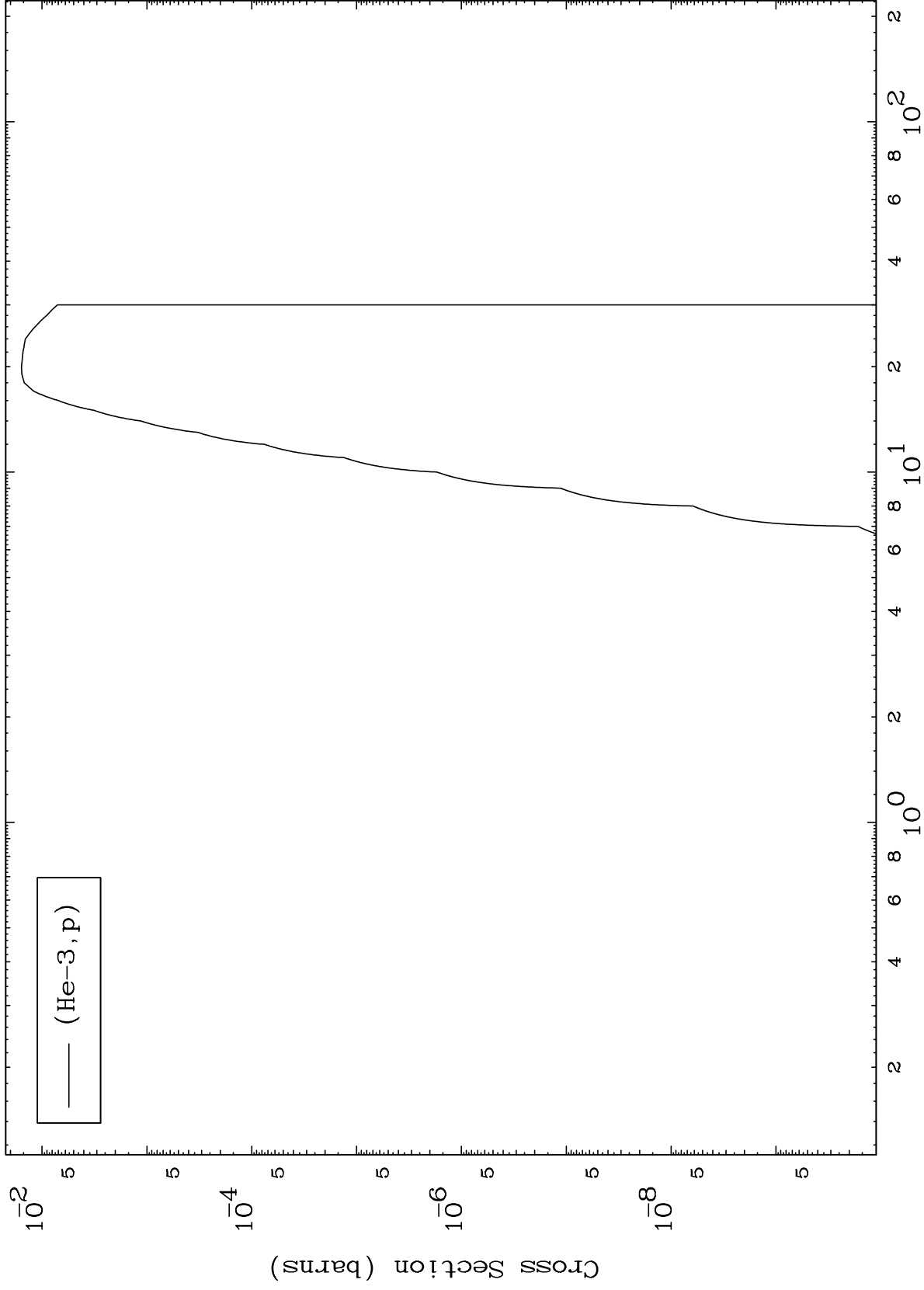
Incident Energy (MeV)

57-La-129

MAT 5698

(He-3,p) Levels  
0 Kelvin Cross Sections

57-La-129



6

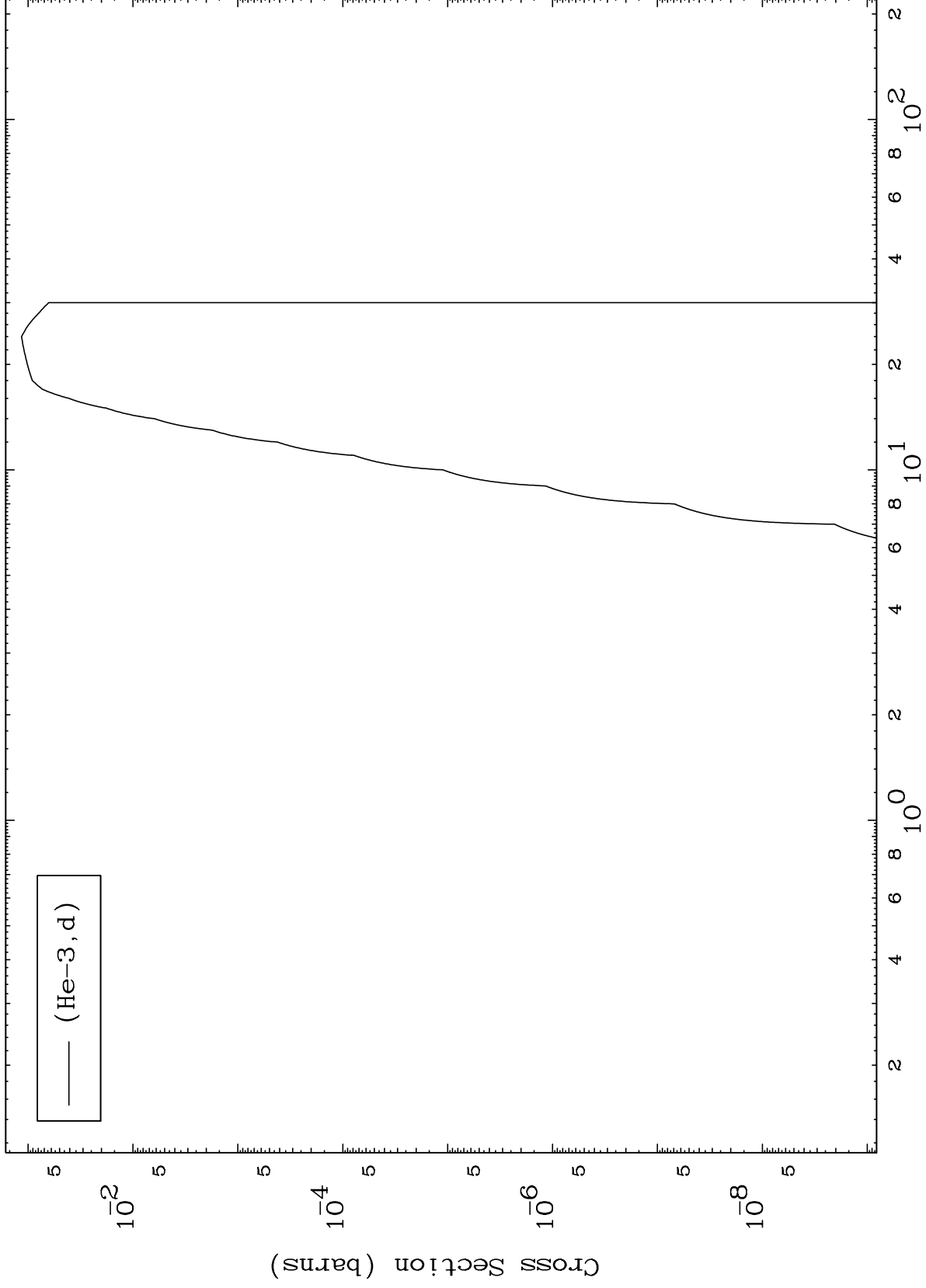
Incident Energy (MeV)

57-La-129

MAT 5698

(He-3,d) Levels  
0 Kelvin Cross Sections

57-La-129

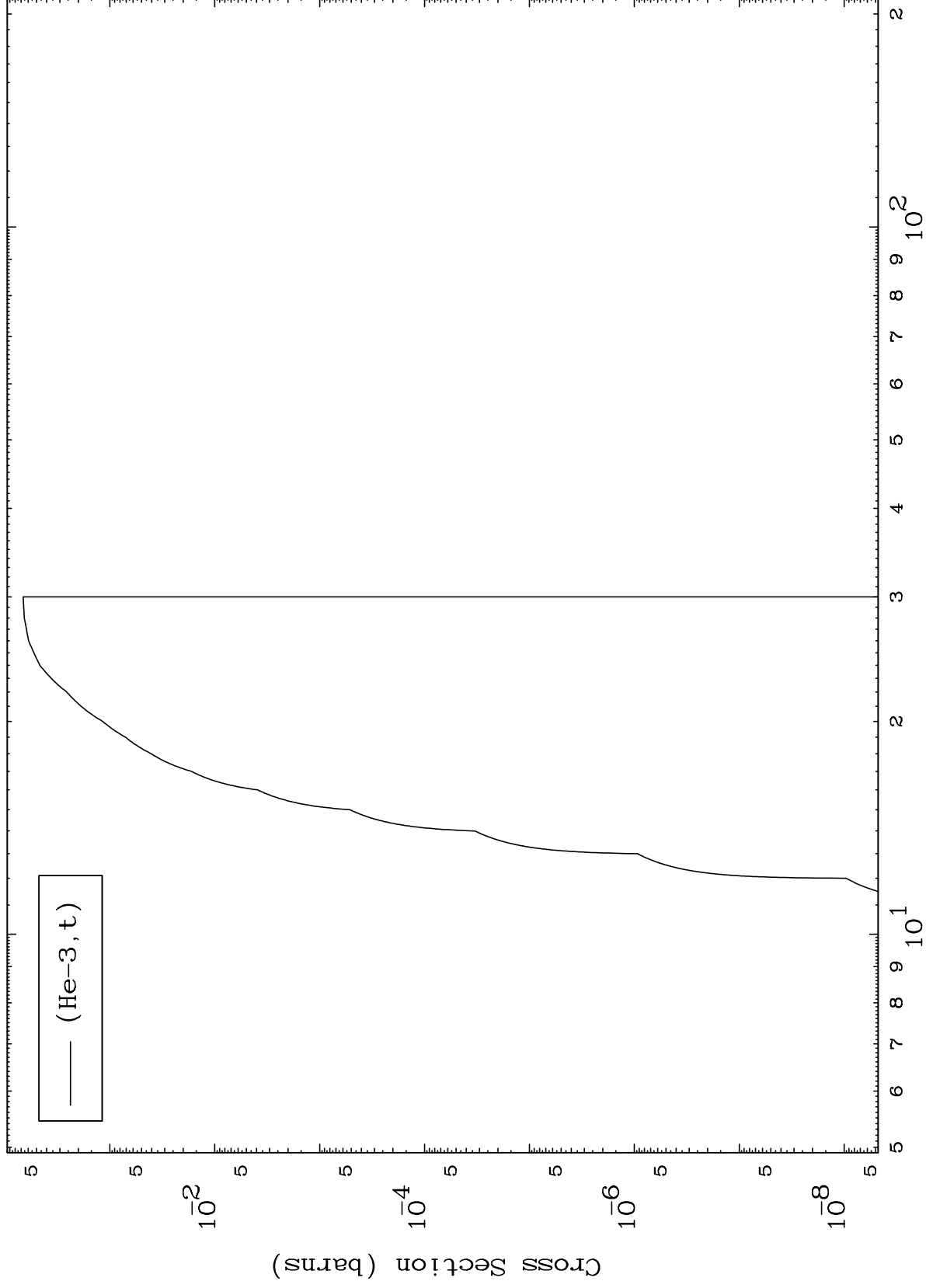




MAT 5698

(He-3, t) Levels  
0 Kelvin Cross Sections

57-La-129



8

Incident Energy (MeV)

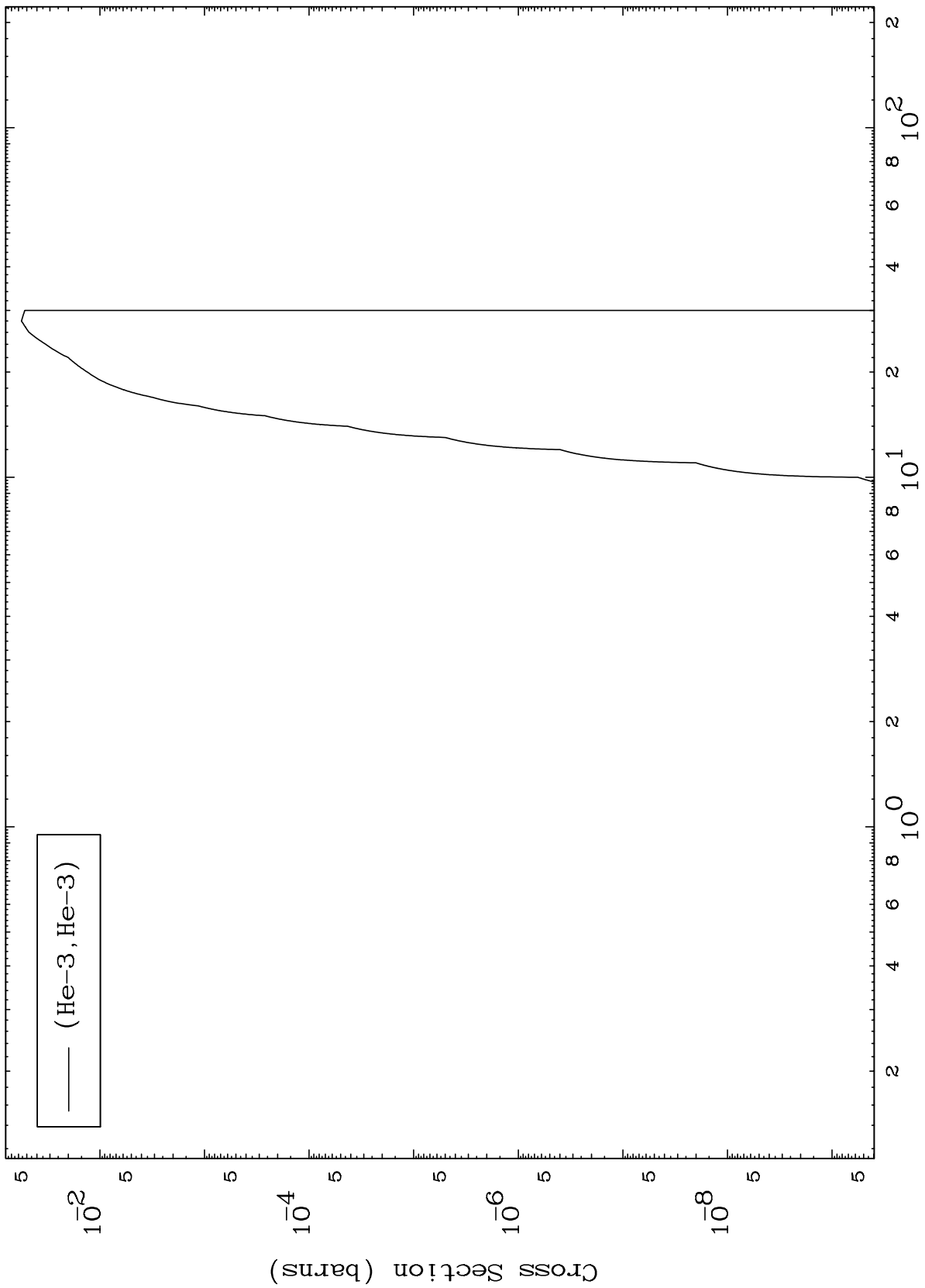
57-La-129

MAT 5698

(He-3, He3) Levels

57-La-129

0 Kelvin Cross Sections

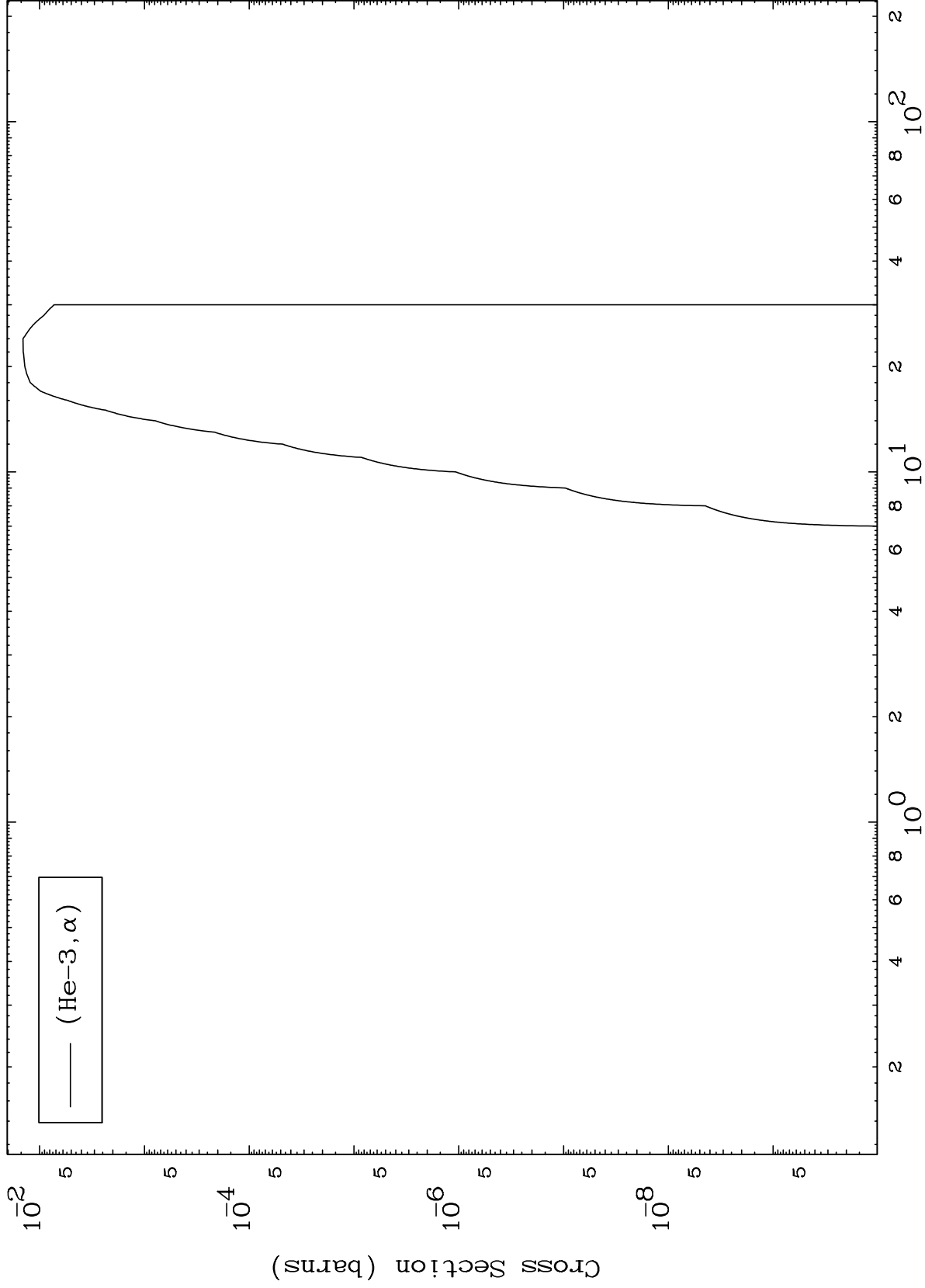


MAT 5698

(He-3,  $\alpha$ ) Levels

57-La-129

0 Kelvin Cross Sections



10

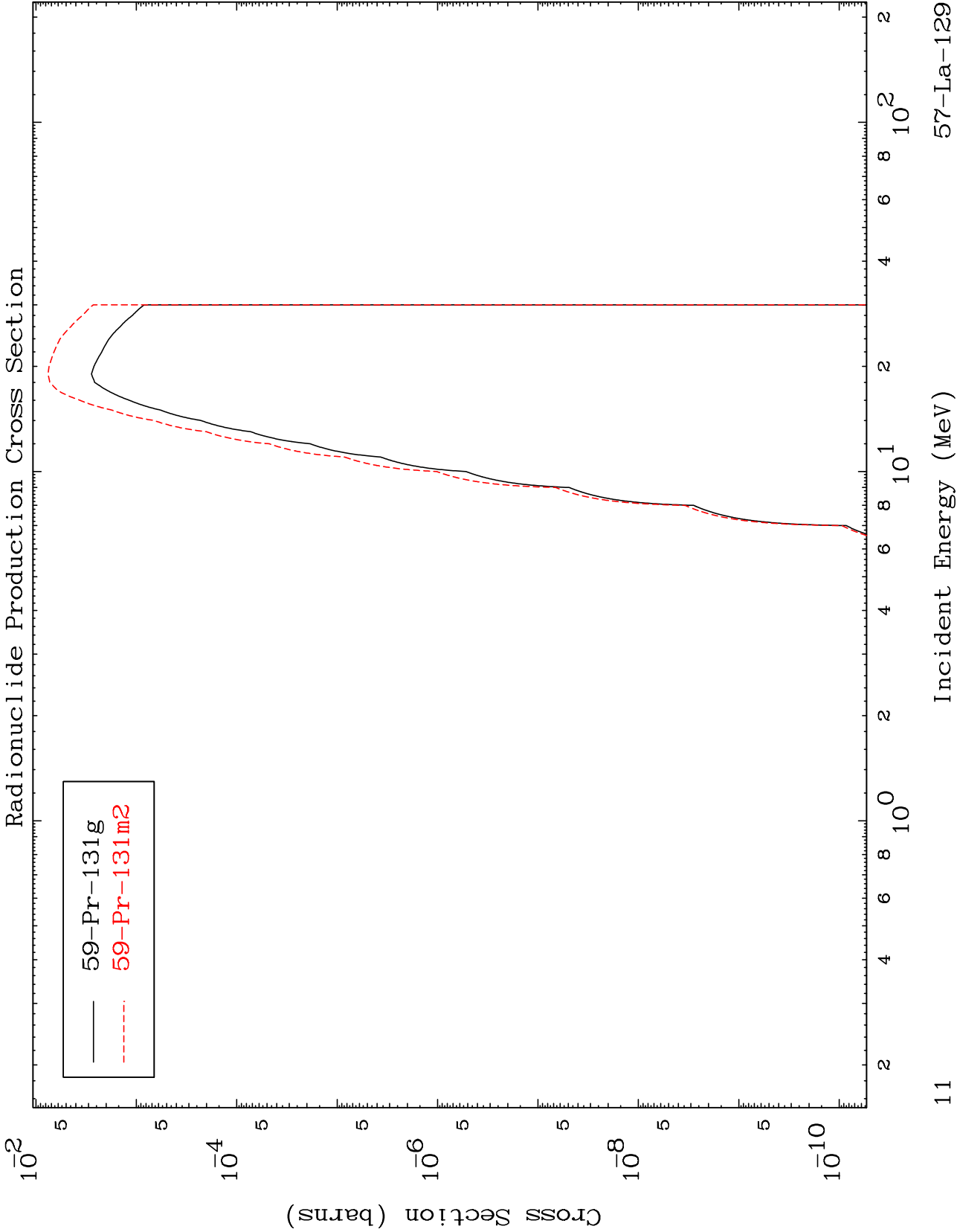
Incident Energy (MeV)

57-La-129

MAT 5698

He-3 Inelastic

57-La-129

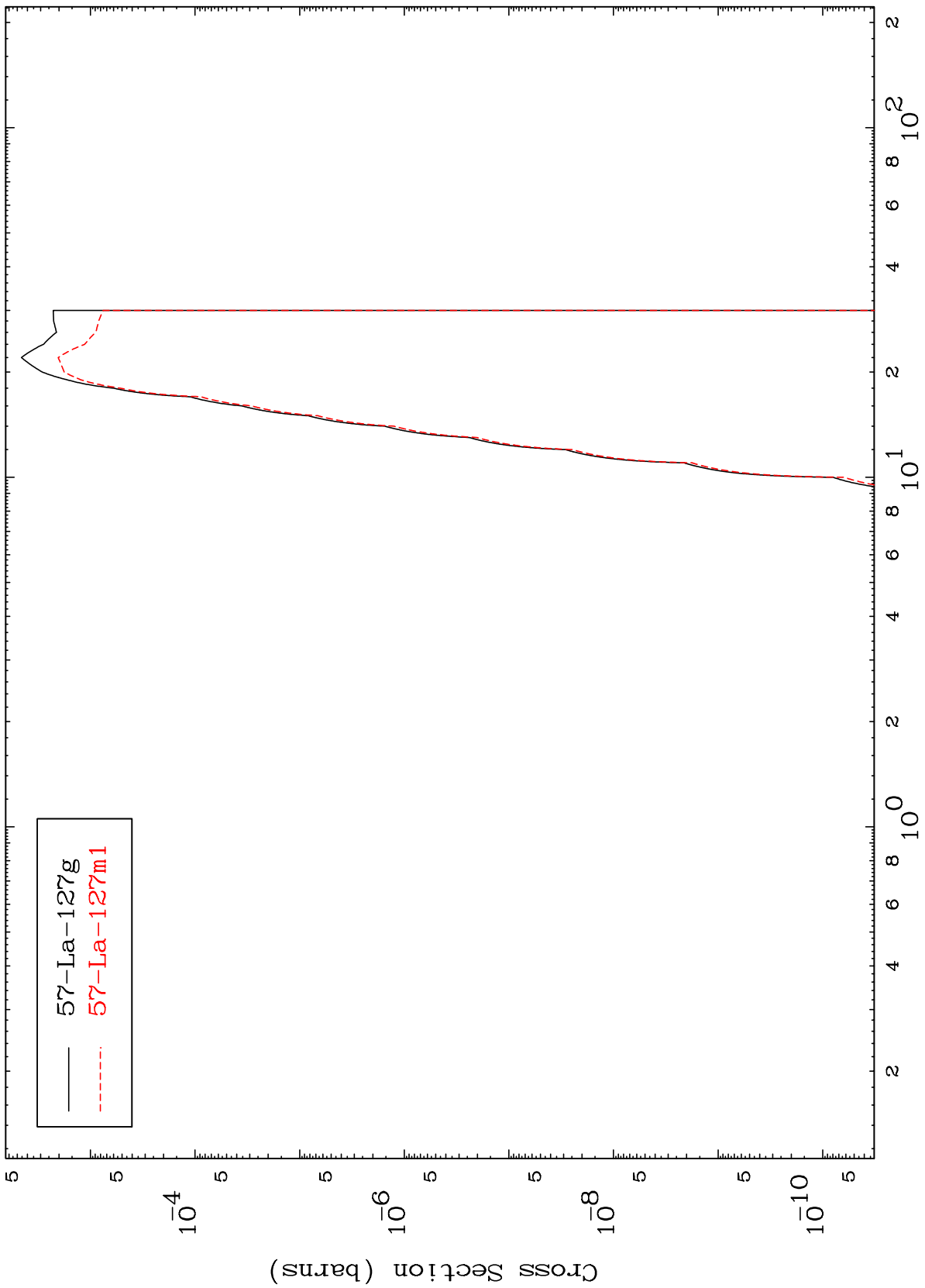


MAT 5698

(He-3, n')  $\alpha$

57-La-129

Radionuclide Production Cross Section



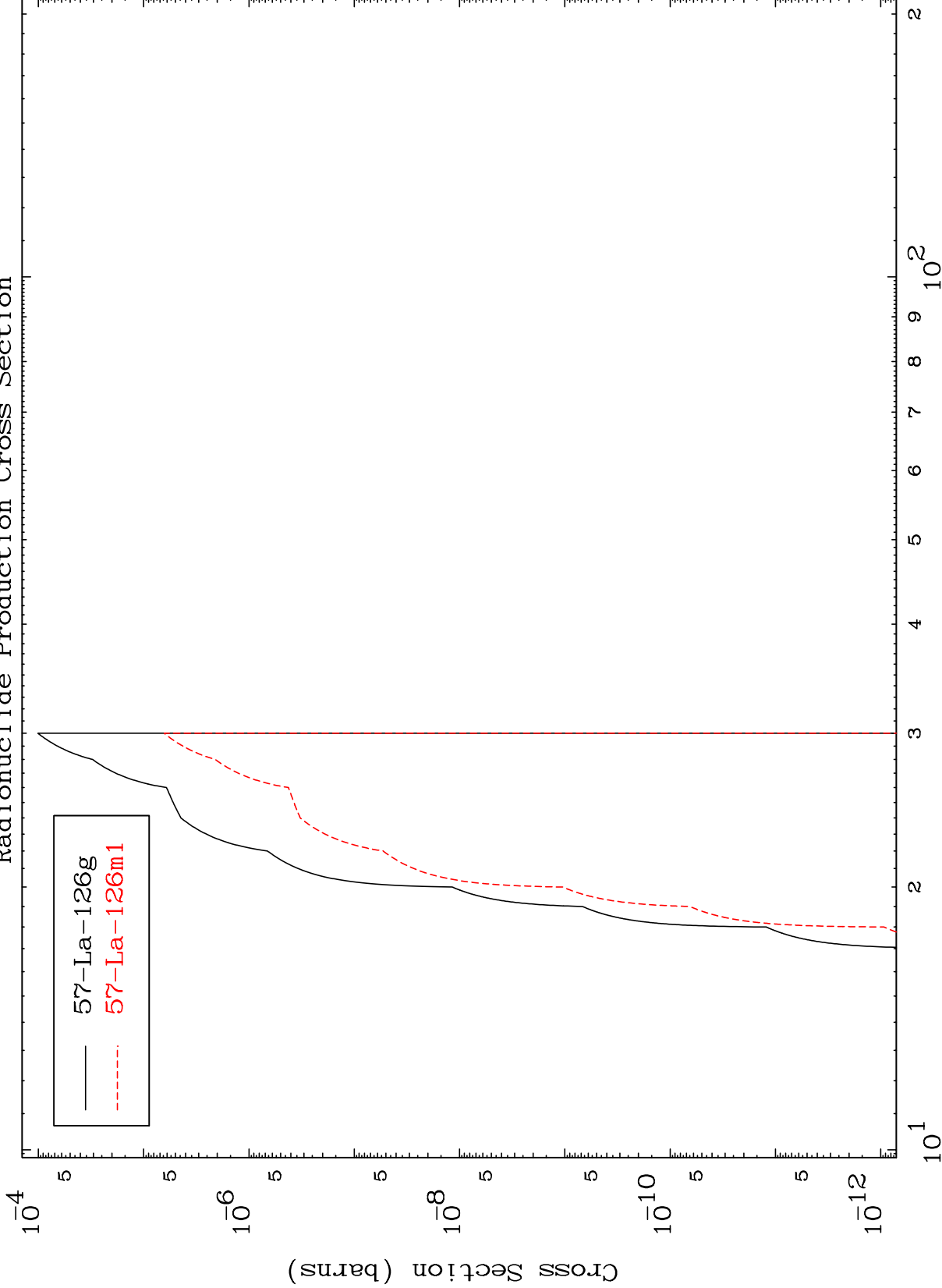
57-La-127g  
57-La-127m1

MAT 5698

(He-3,2n)  $\alpha$

57-La-129

Radionuclide Production Cross Section



13

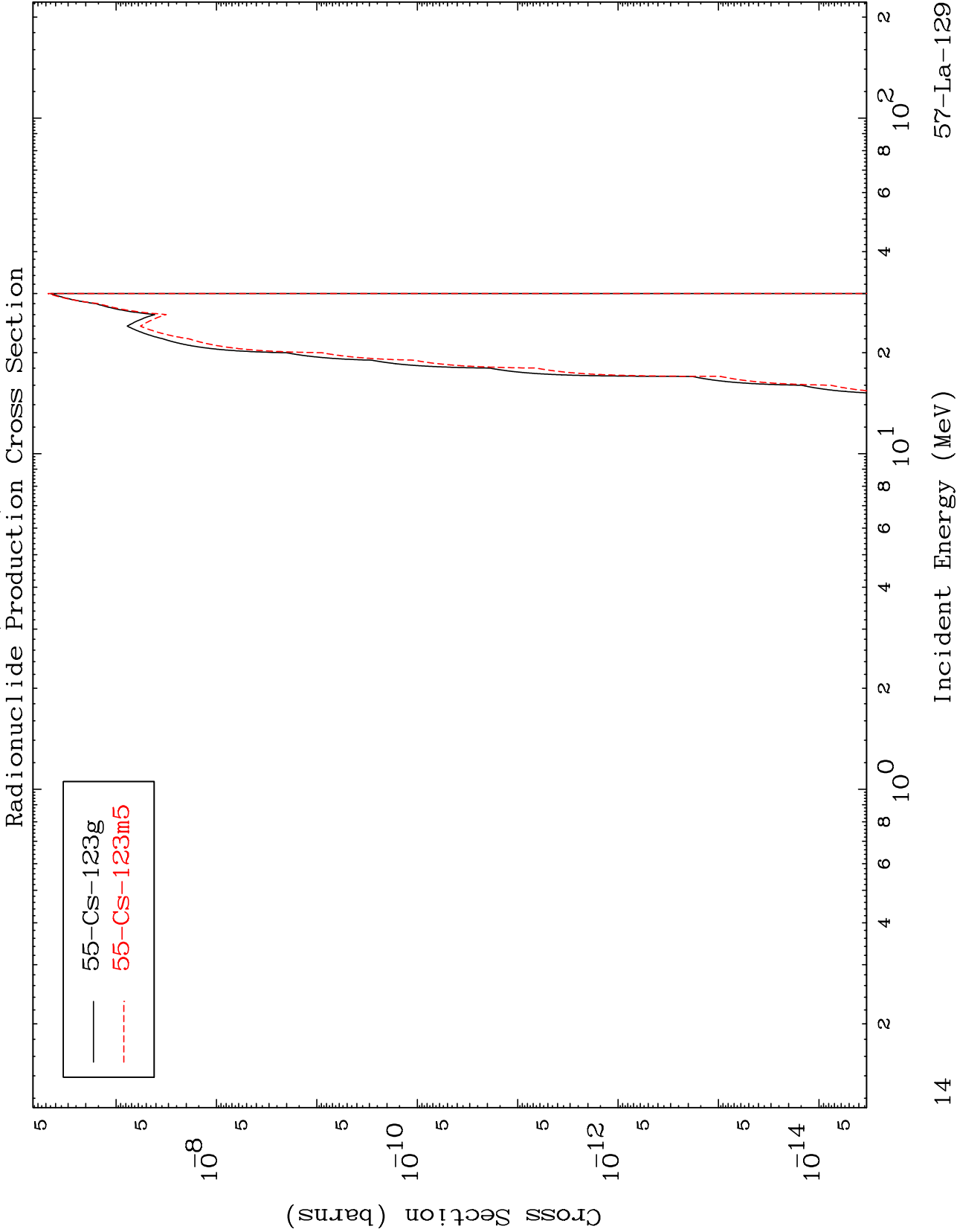
Incident Energy (MeV)

57-La-129

MAT 5698

(He-3, n') 2 $\alpha$

57-La-129

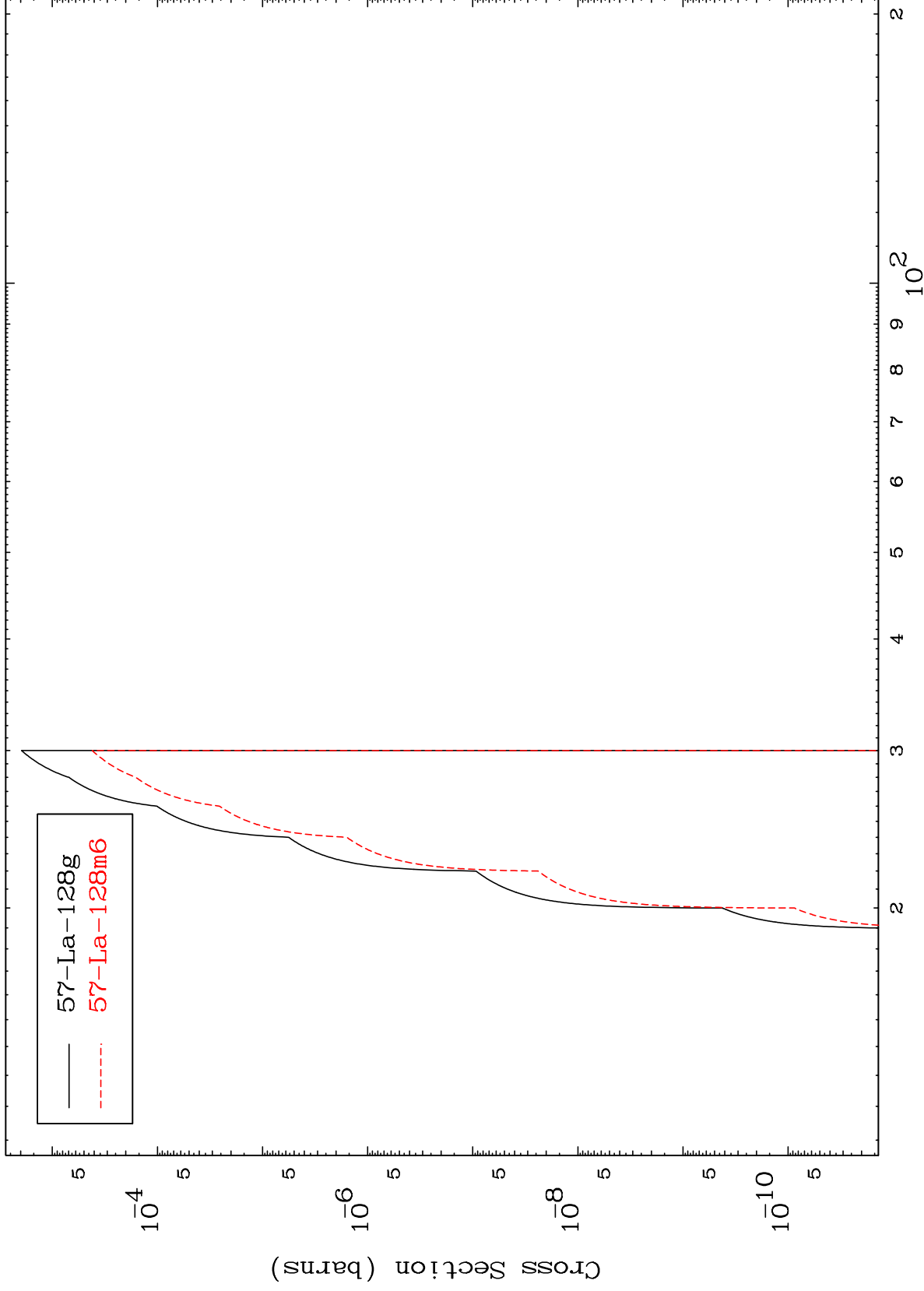


MAT 5698

(He-3, n') He-3

57-La-129

Radionuclide Production Cross Section



15

Incident Energy (MeV)

57-La-129

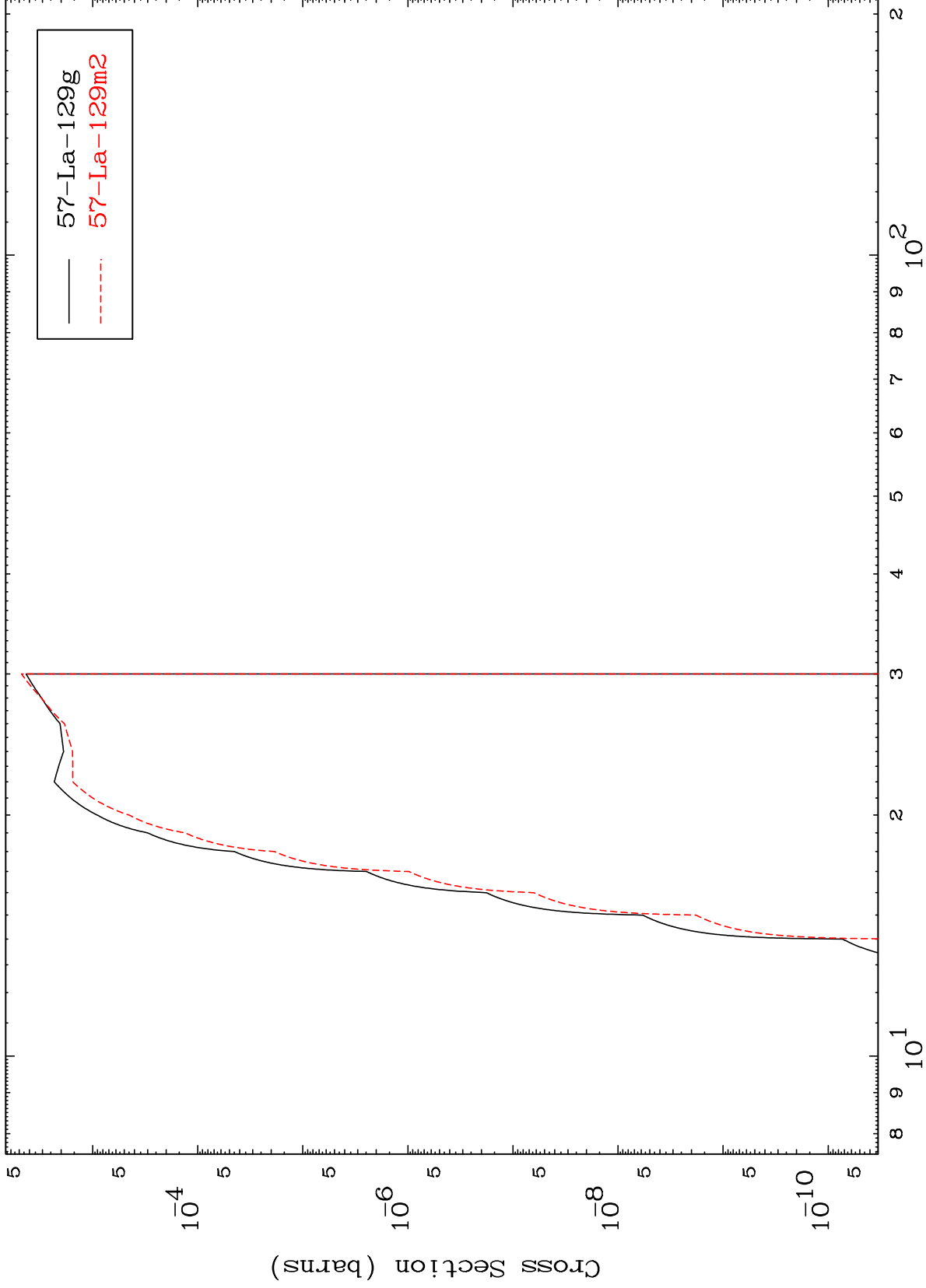


MAT 5698

(He-3,2n) p

57-La-129

Radionuclide Production Cross Section



16

Incident Energy (MeV)

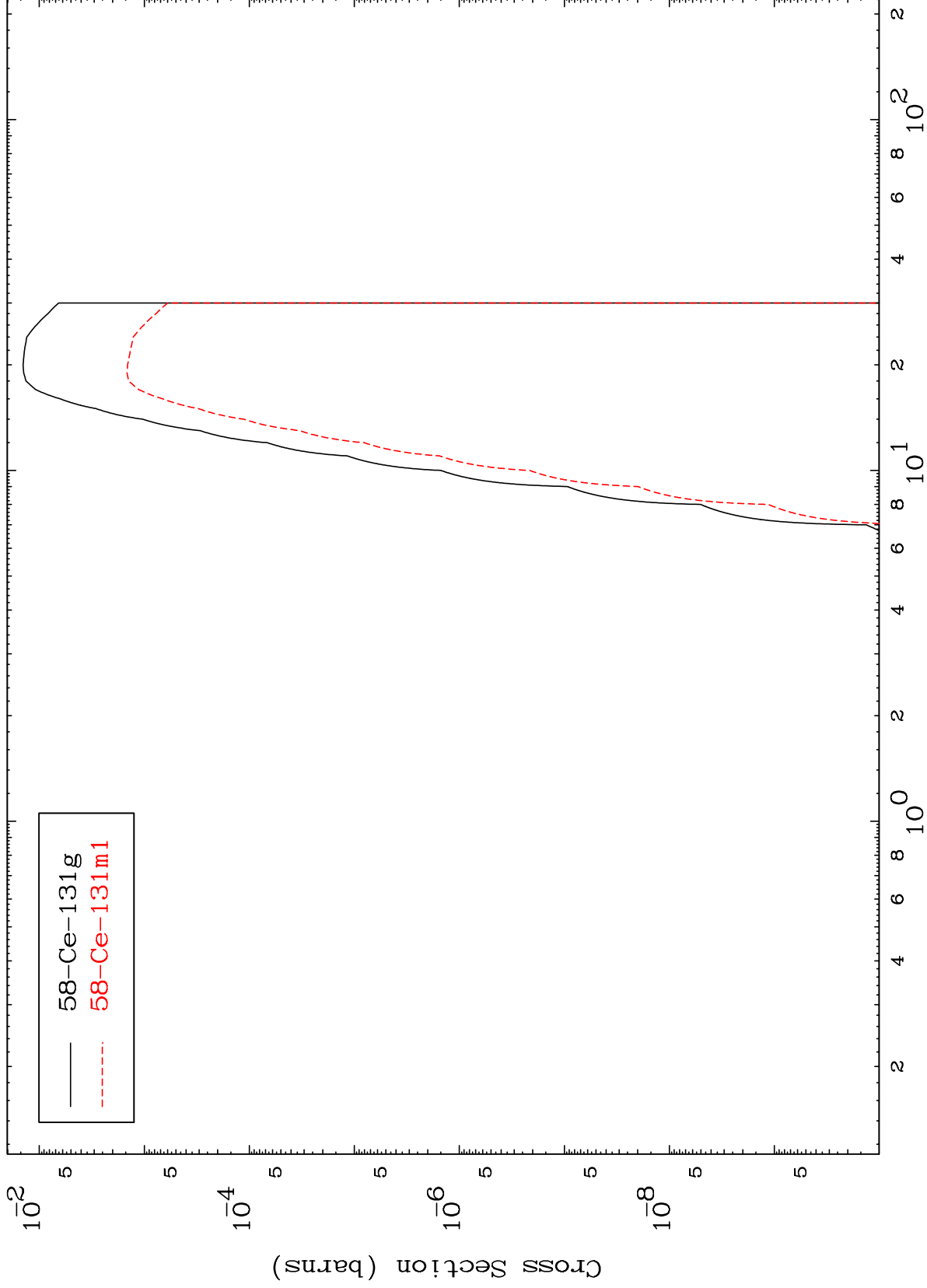
57-La-129

MAT 5698

(He-3,p)

57-La-129

Radionuclide Production Cross Section



58-Ce-131g  
58-Ce-131m1

17

Incident Energy (MeV)

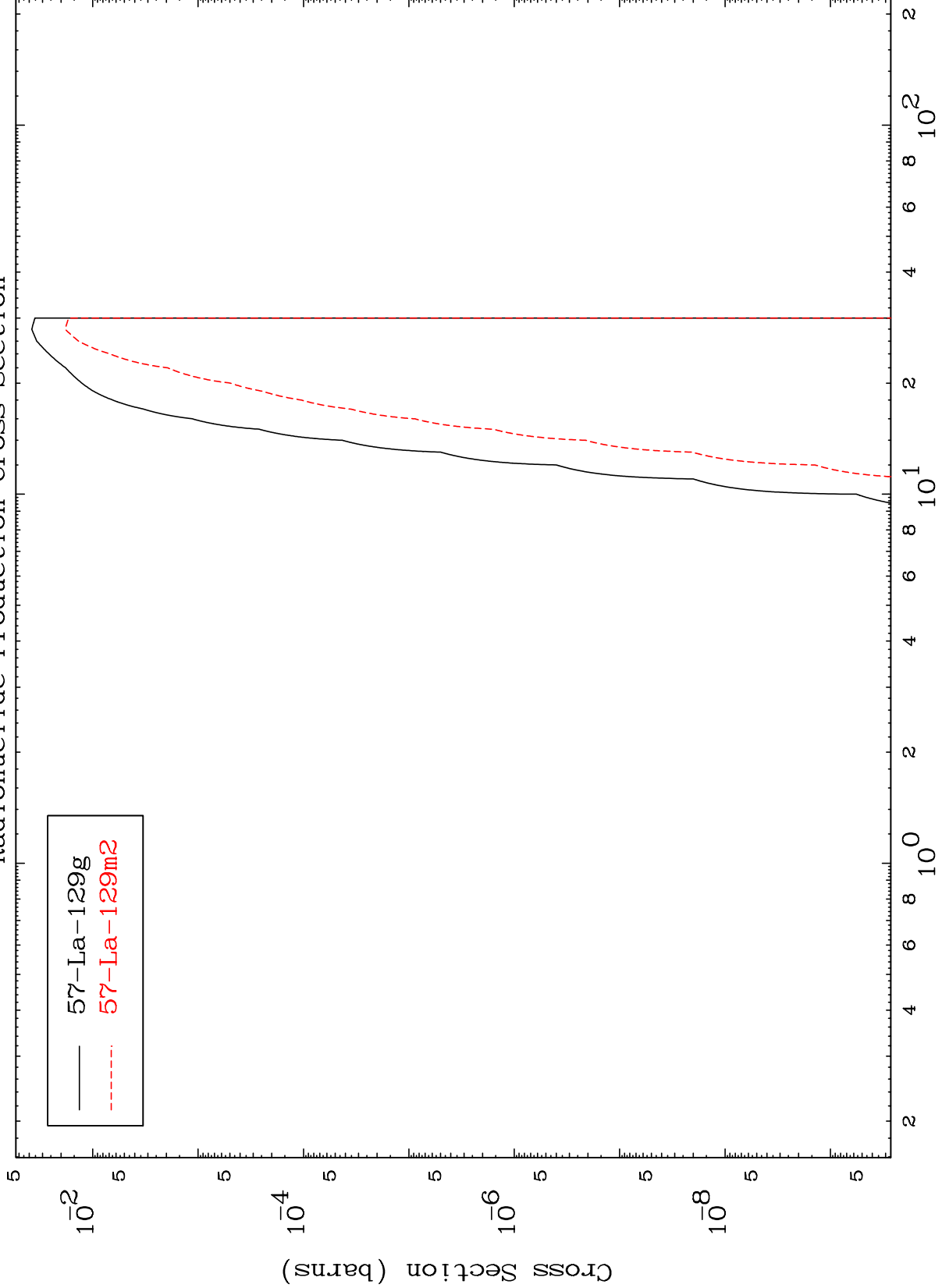
57-La-129

MAT 5698

(He-3, He-3)

57-La-129

Radionuclide Production Cross Section



— 57-La-129g  
- - - 57-La-129m2

18

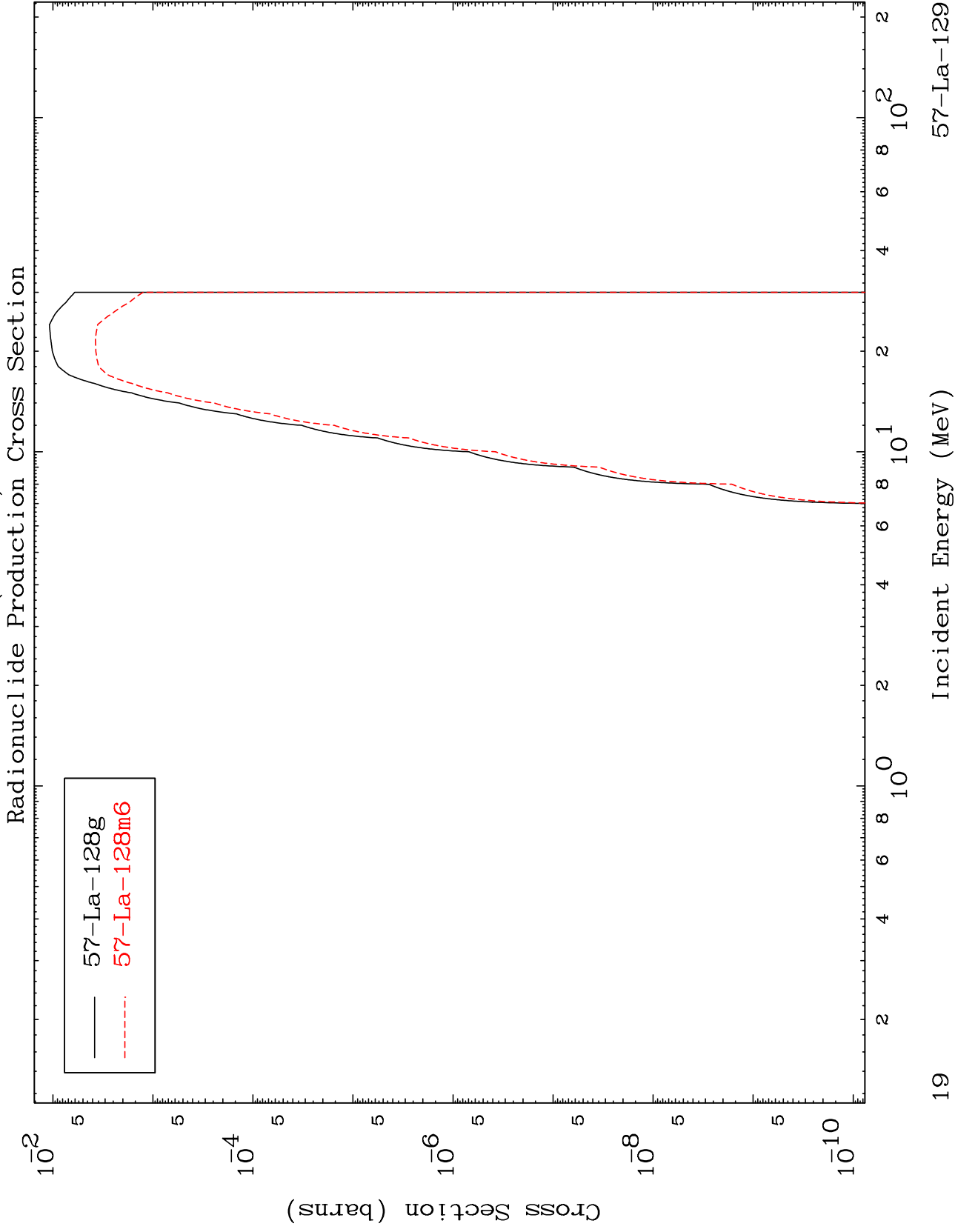
Incident Energy (MeV)

57-La-129

MAT 5698

(He-3,  $\alpha$ )

57-La-129



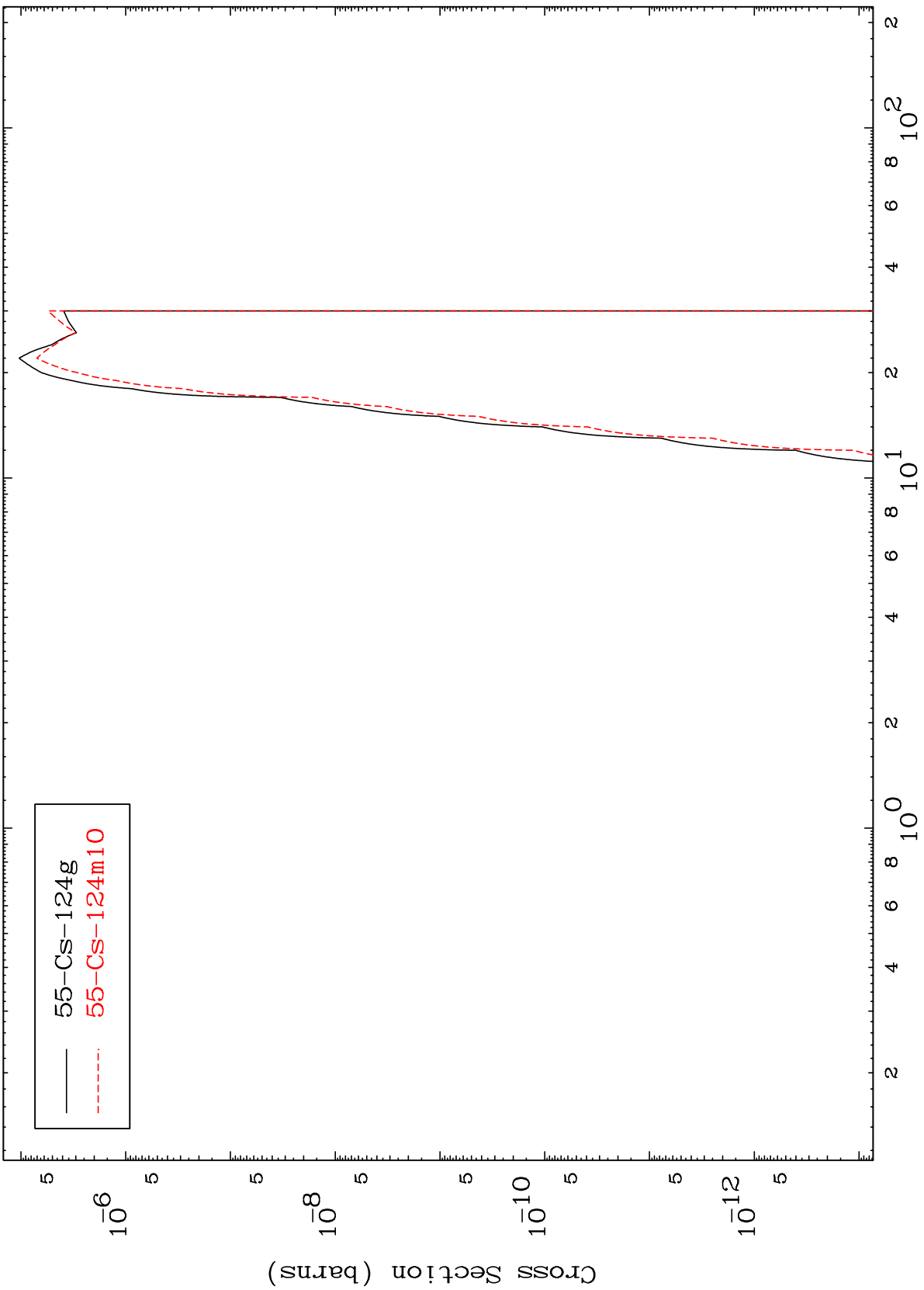
19

MAT 5698

(He-3, 2α)

57-La-129

Radionuclide Production Cross Section



20

Incident Energy (MeV)

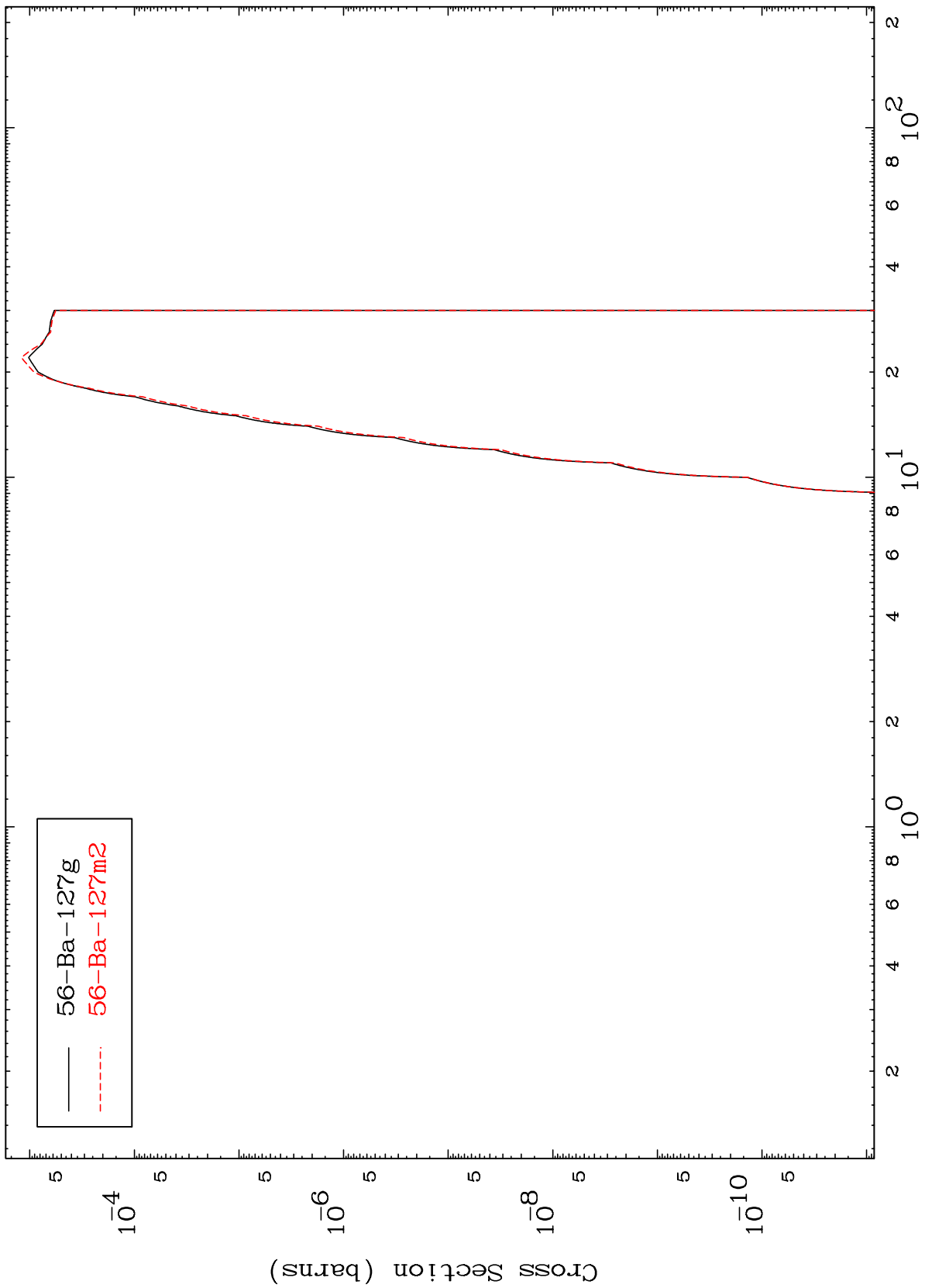
57-La-129

MAT 5698

(He-3, p)  $\alpha$

57-La-129

Radionuclide Production Cross Section

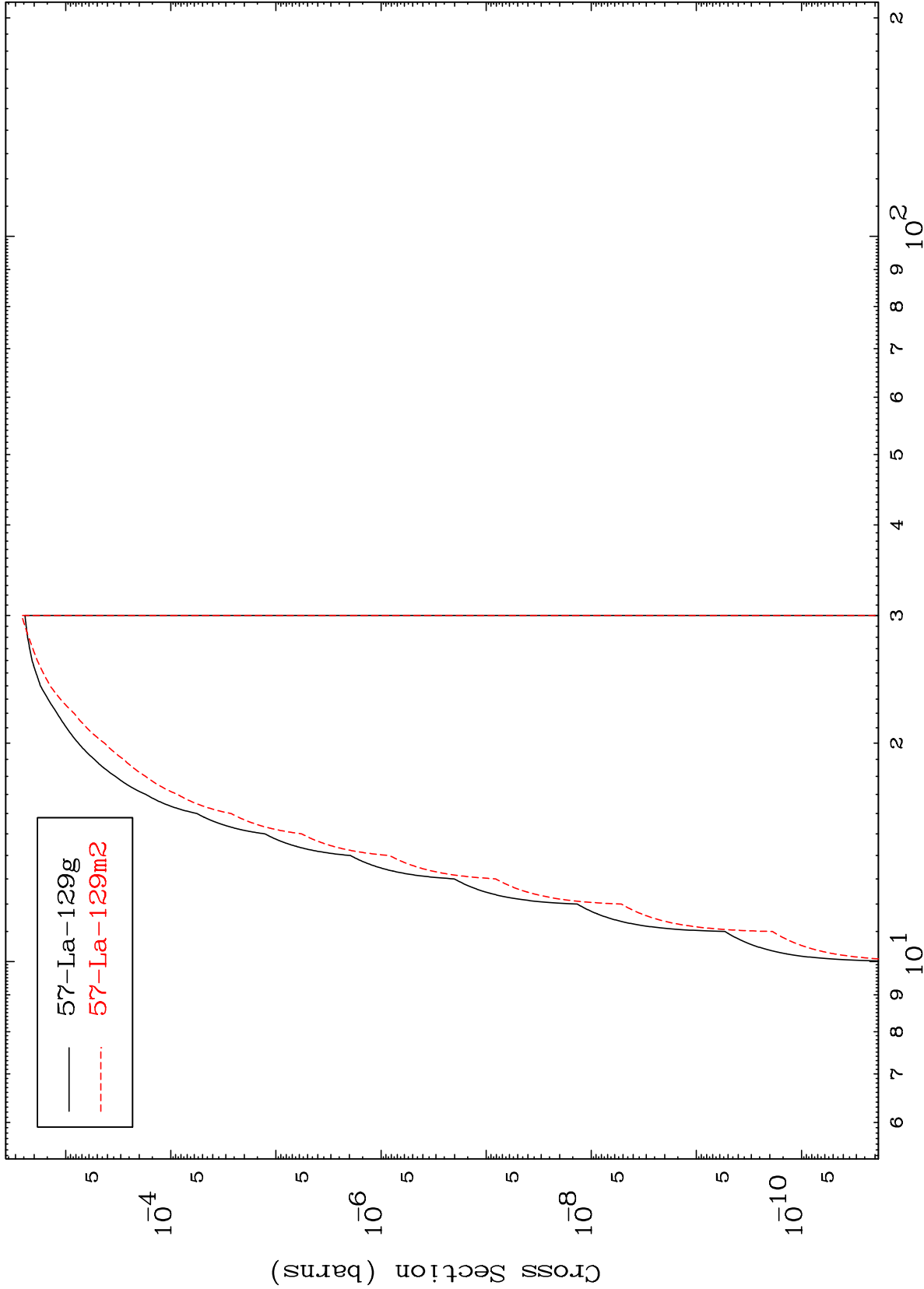


MAT 5698

(He-3, p) d

57-La-129

Radionuclide Production Cross Section

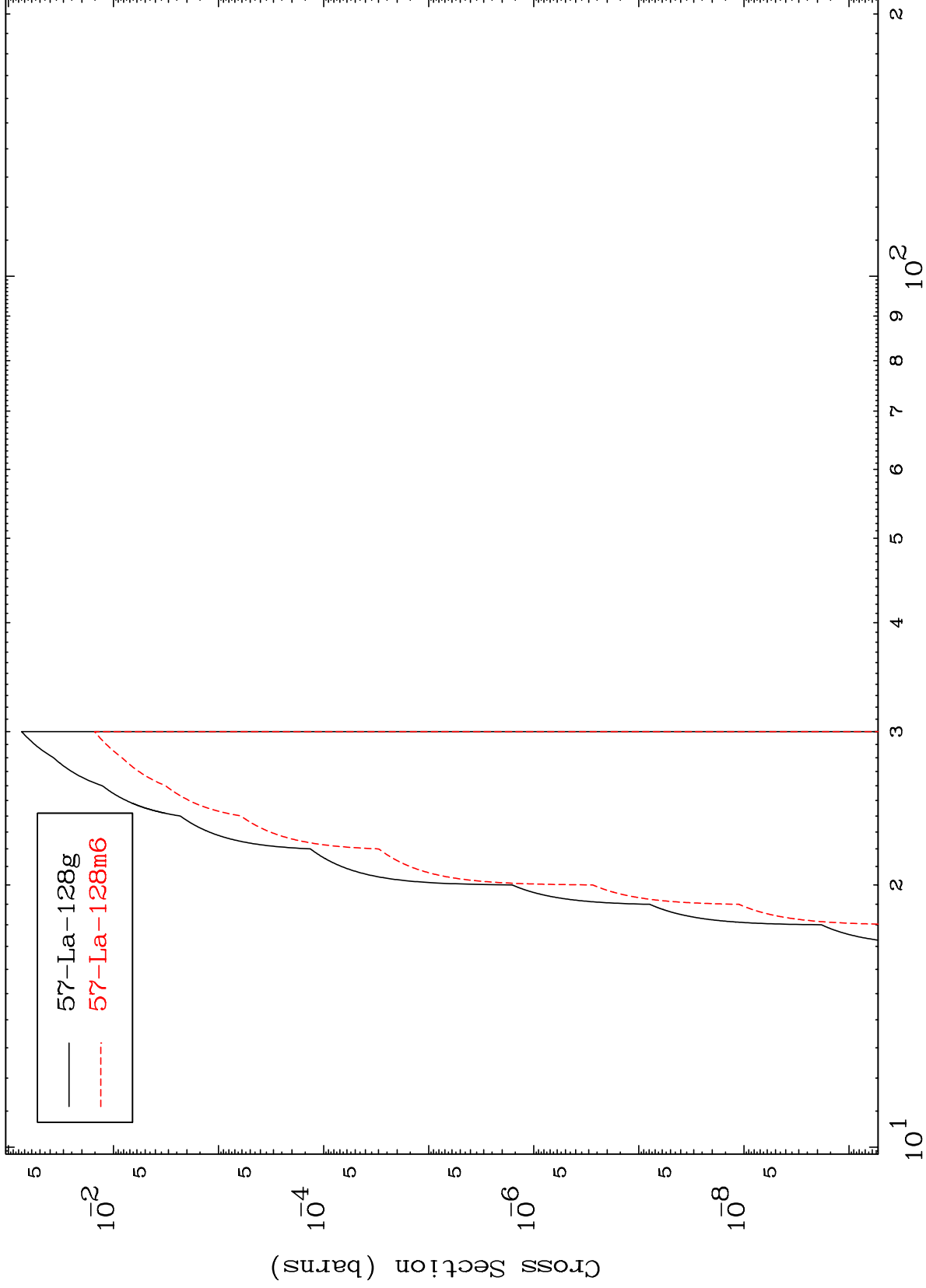


MAT 5698

(He-3,p) t

57-La-129

Radionuclide Production Cross Section



Incident Energy (MeV)

57-La-129

23