

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

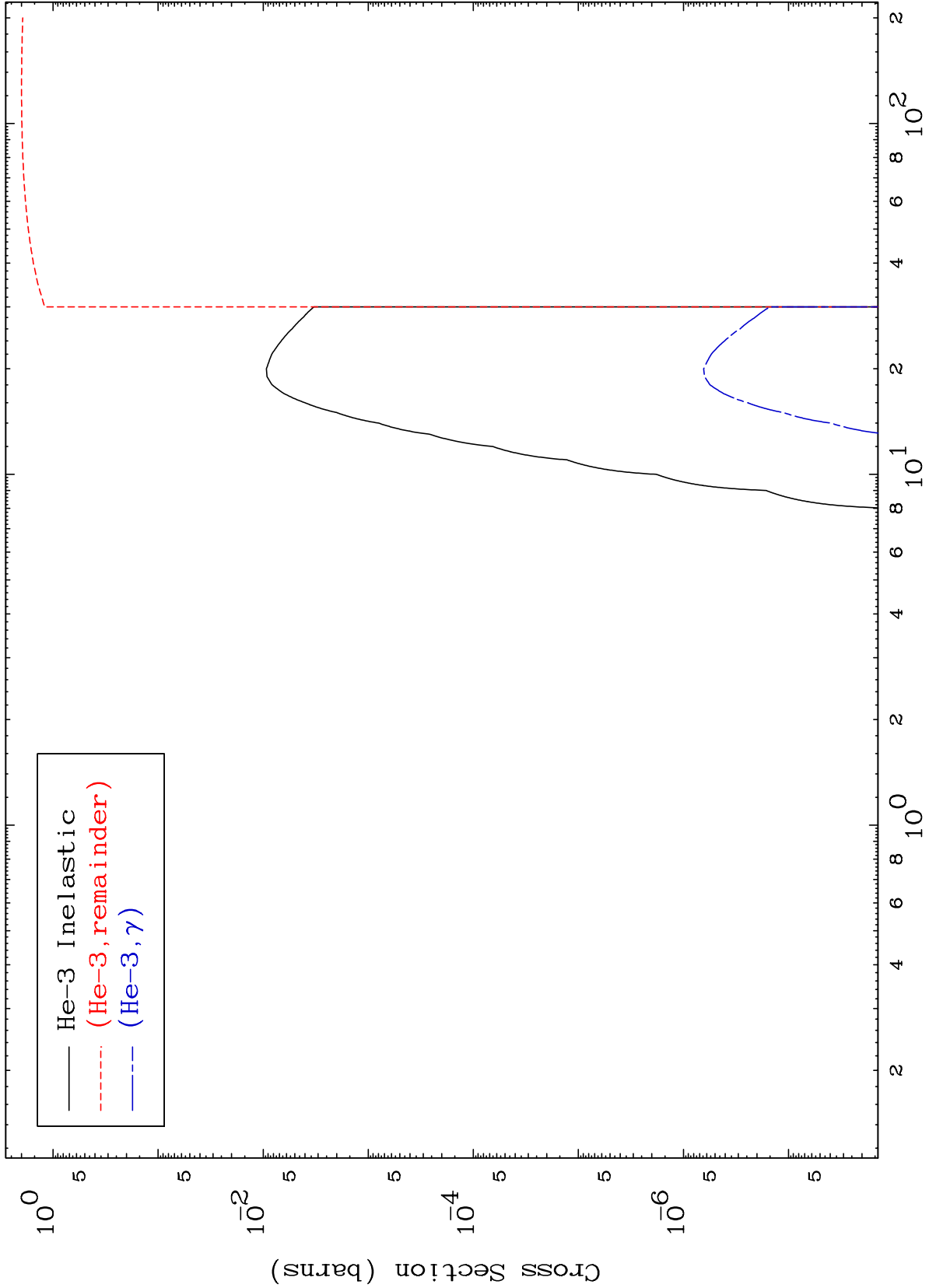
Press Mouse Button to Start

MAT 5823

He-3 Major

58-Ce-135

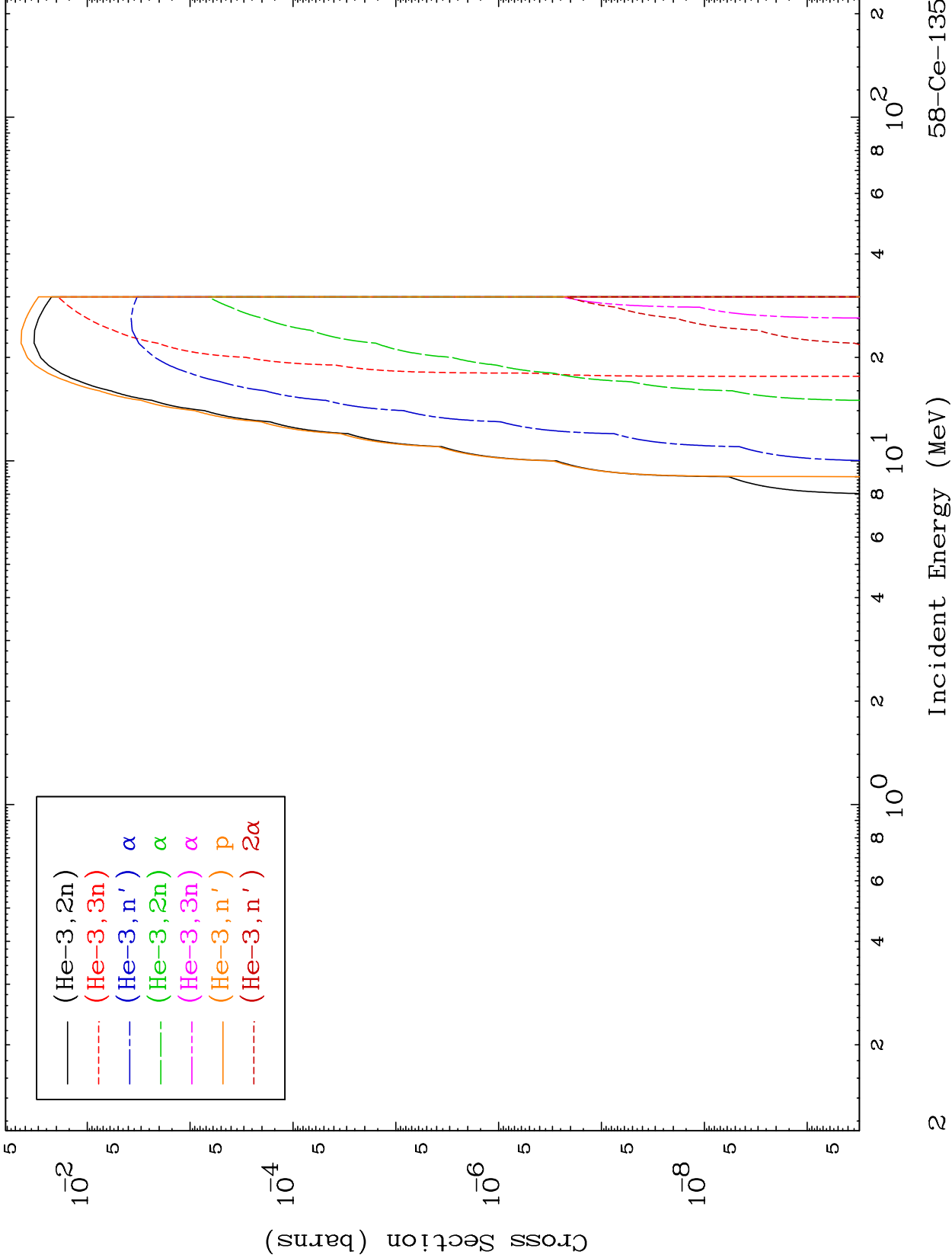
0 Kelvin Cross Sections

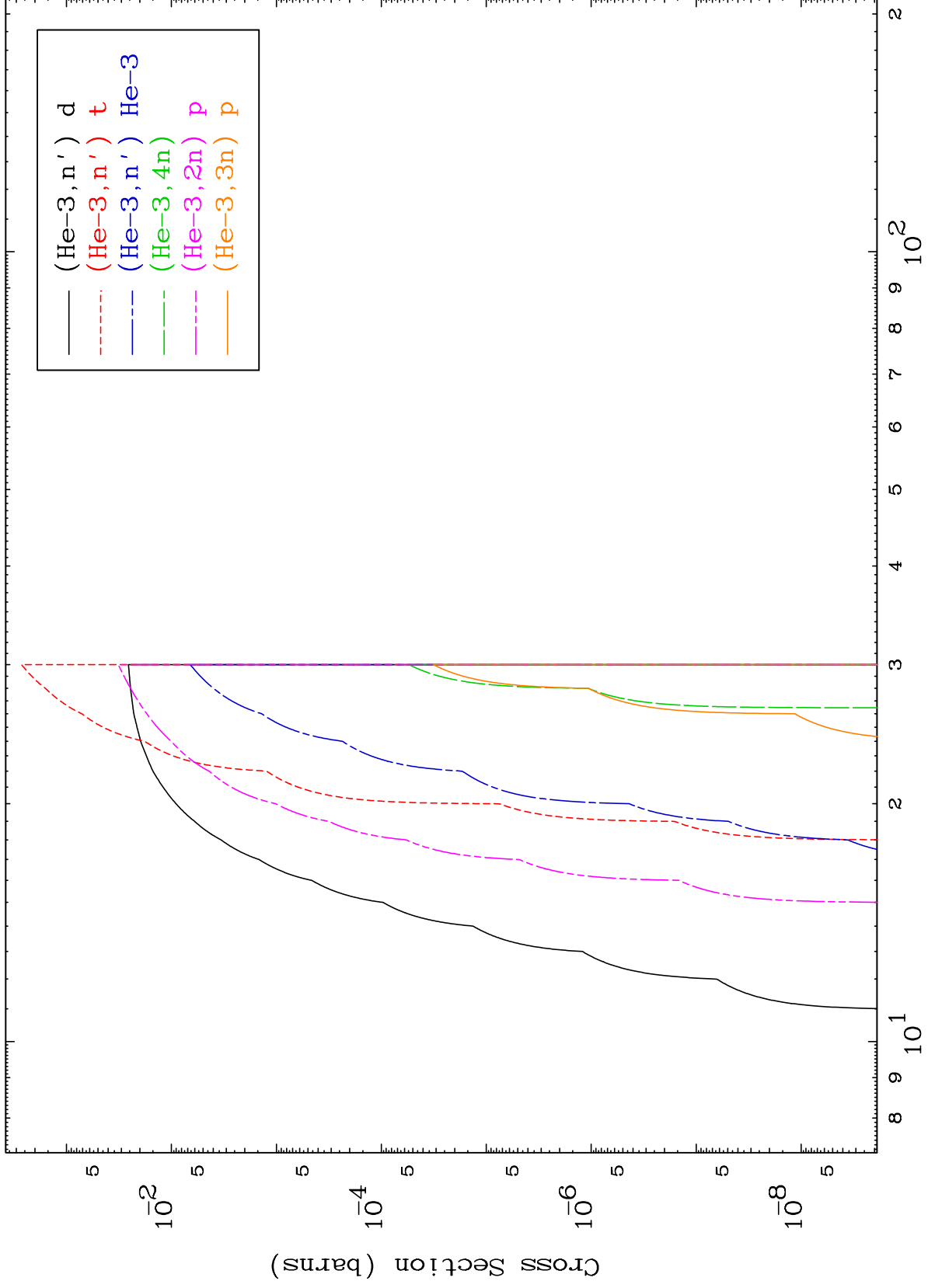


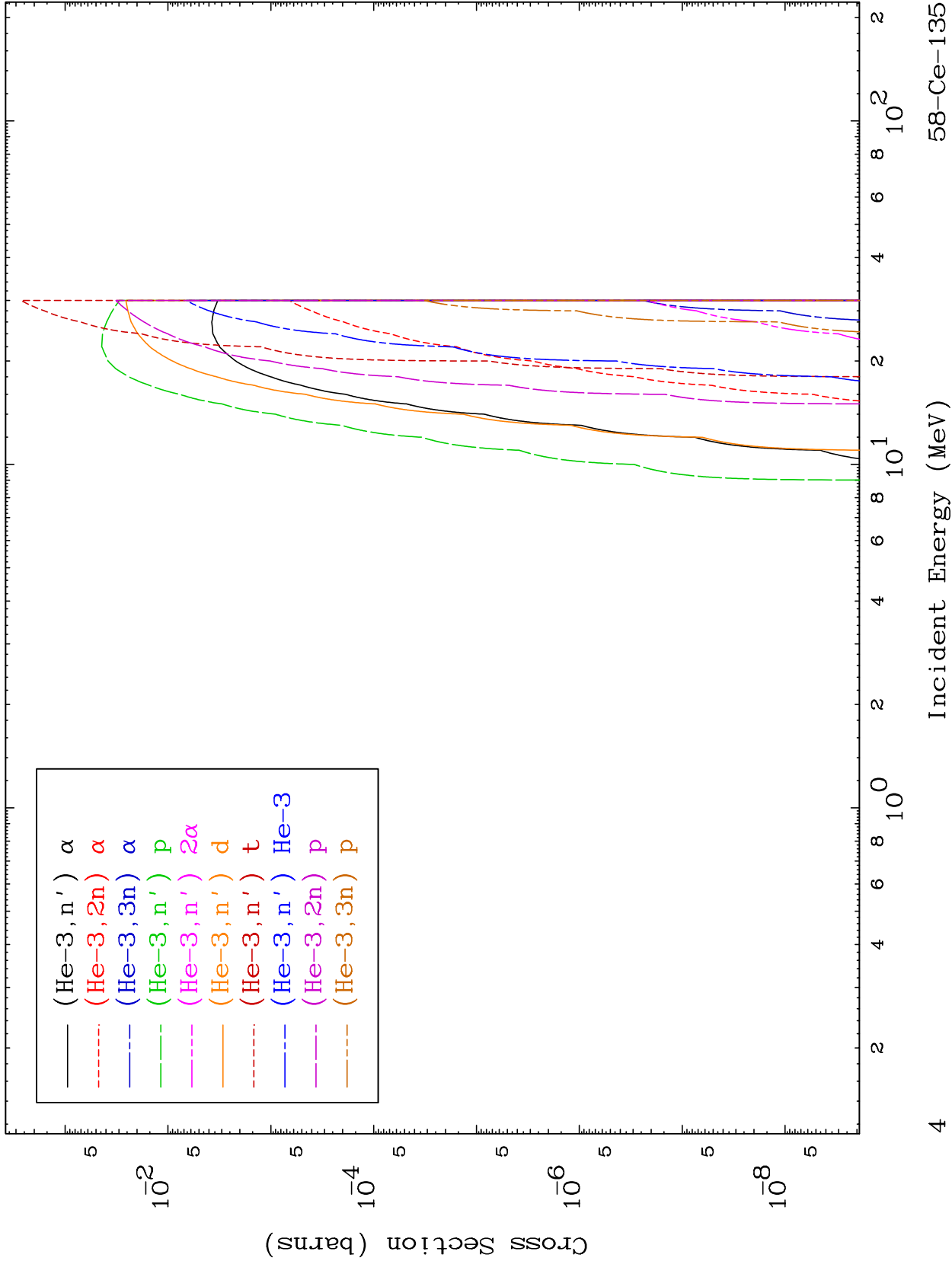
MAT 5823

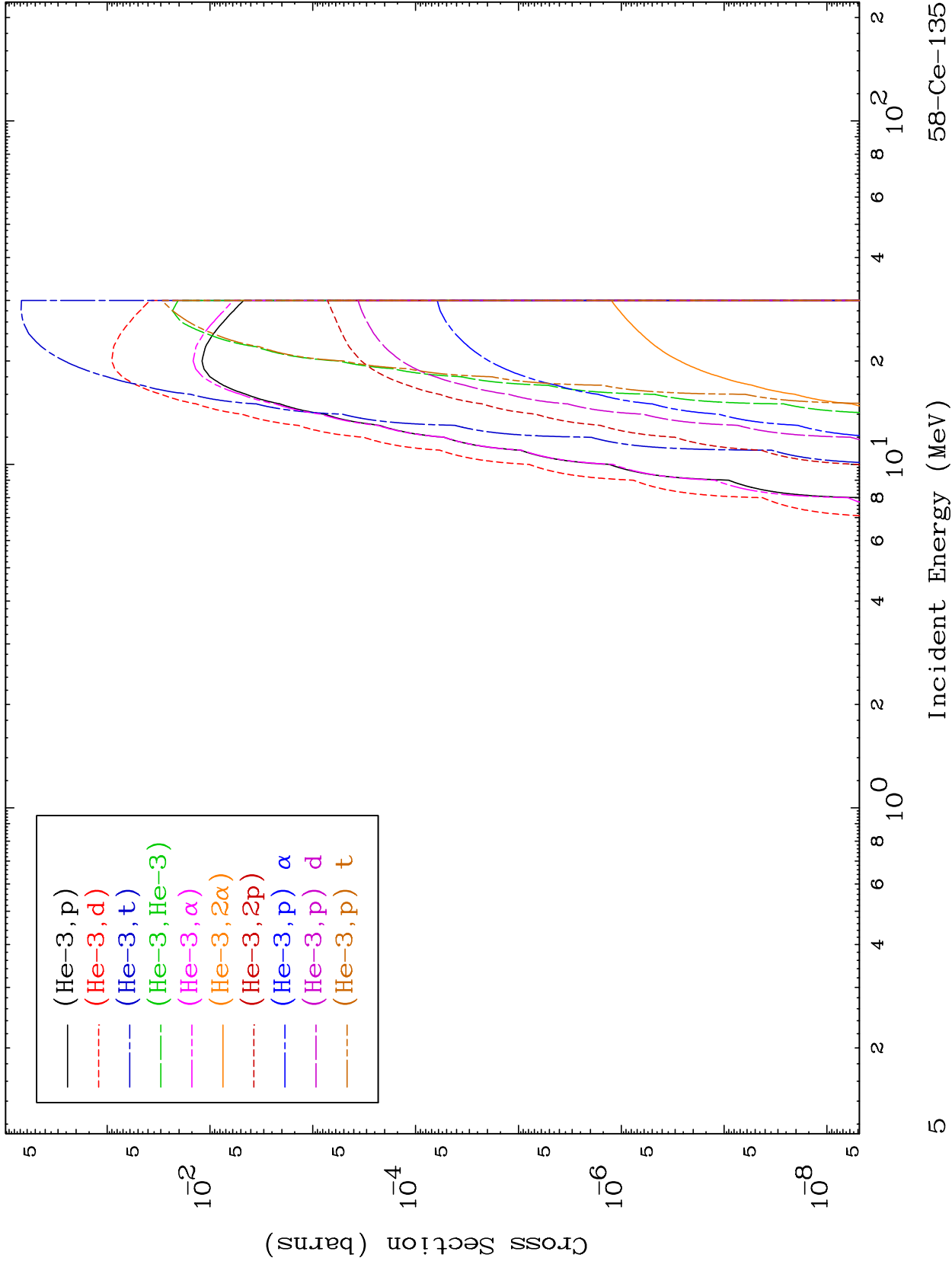
He-3 Neutron Production  
0 Kelvin Cross Sections

58-Ce-135





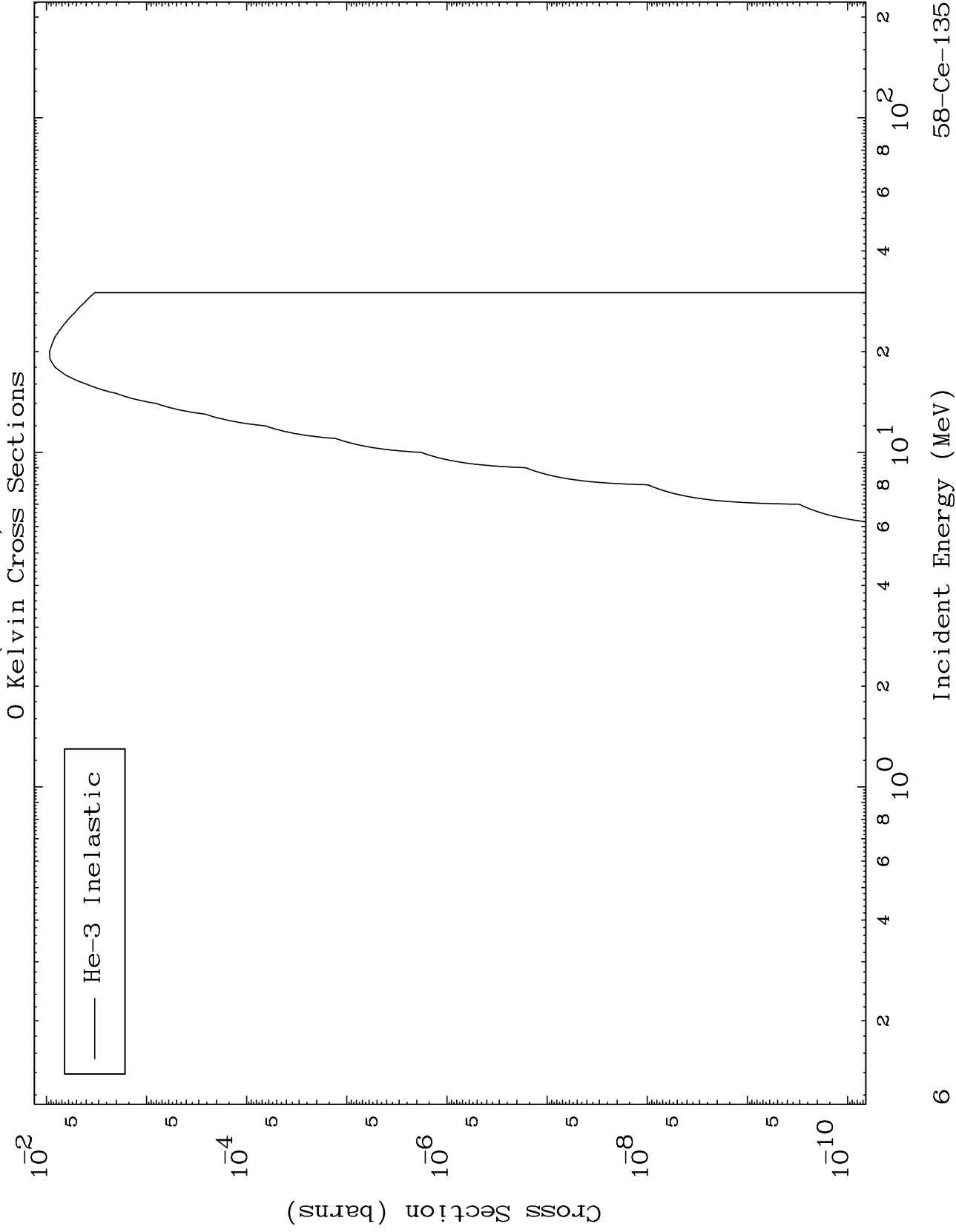




MAT 5823

(He-3, n') Level

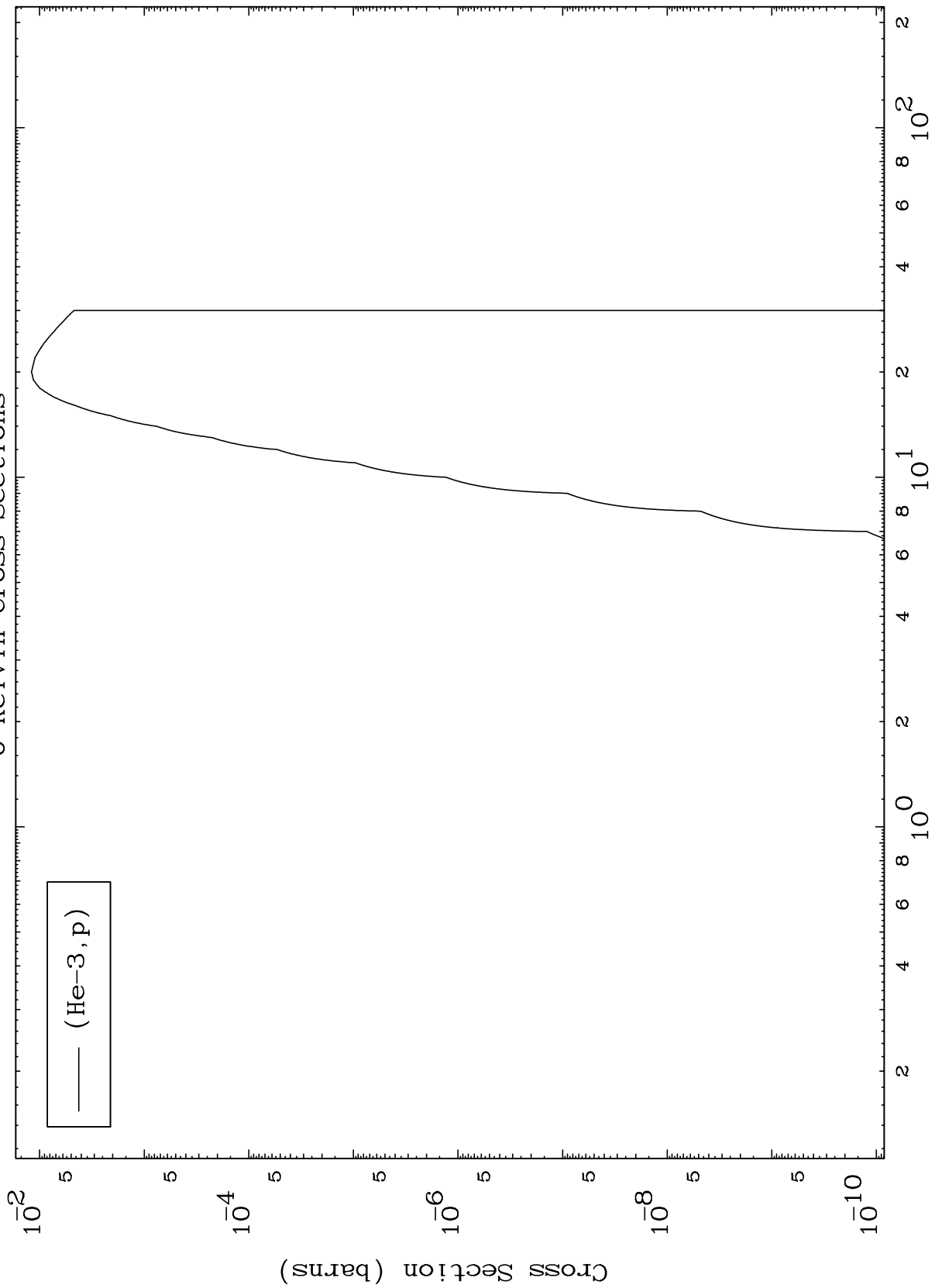
58-Ce-135



MAT 5823

58-Ce-135

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



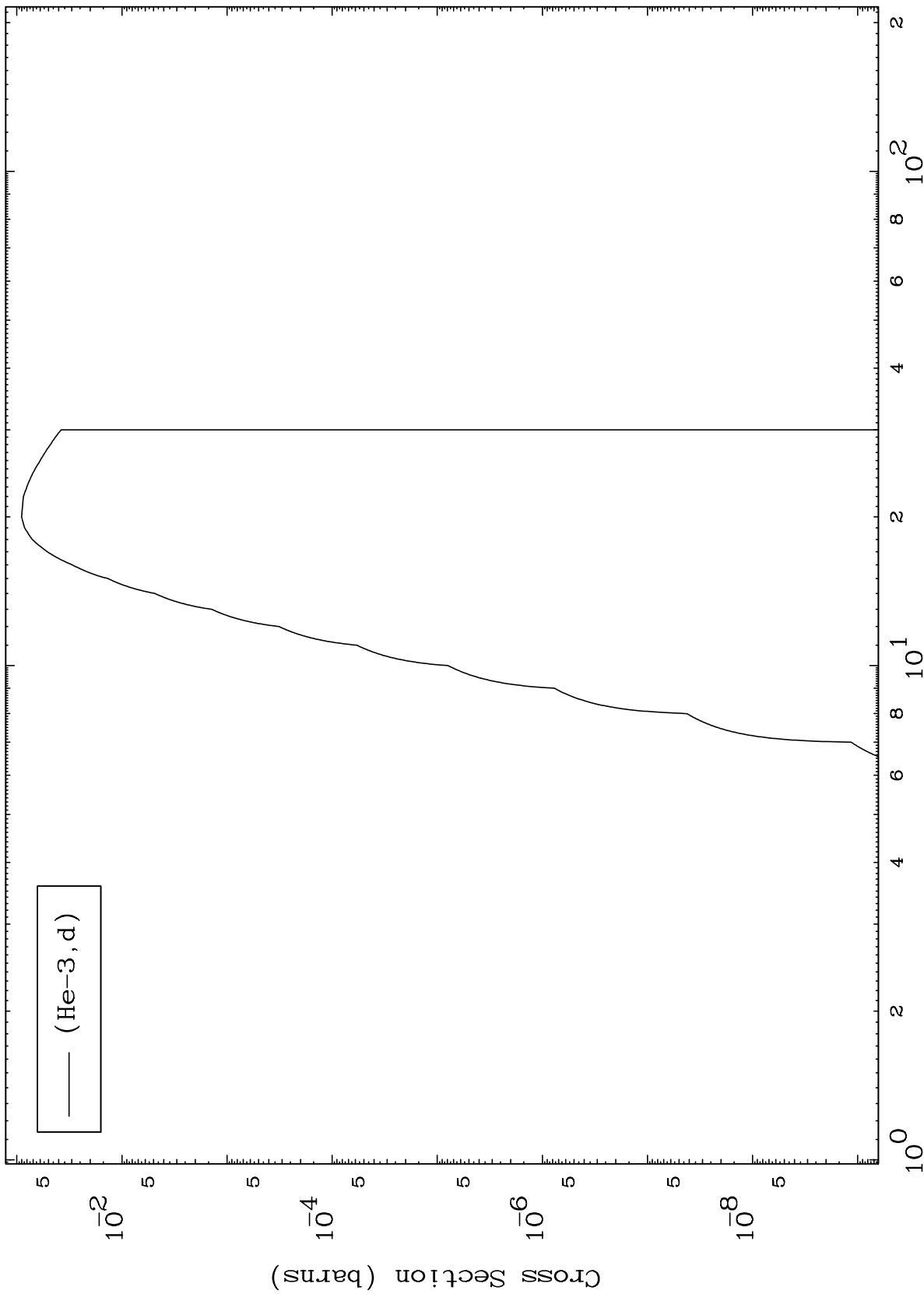


MAT 5823

(He-3,d) Levels

58-Ce-135

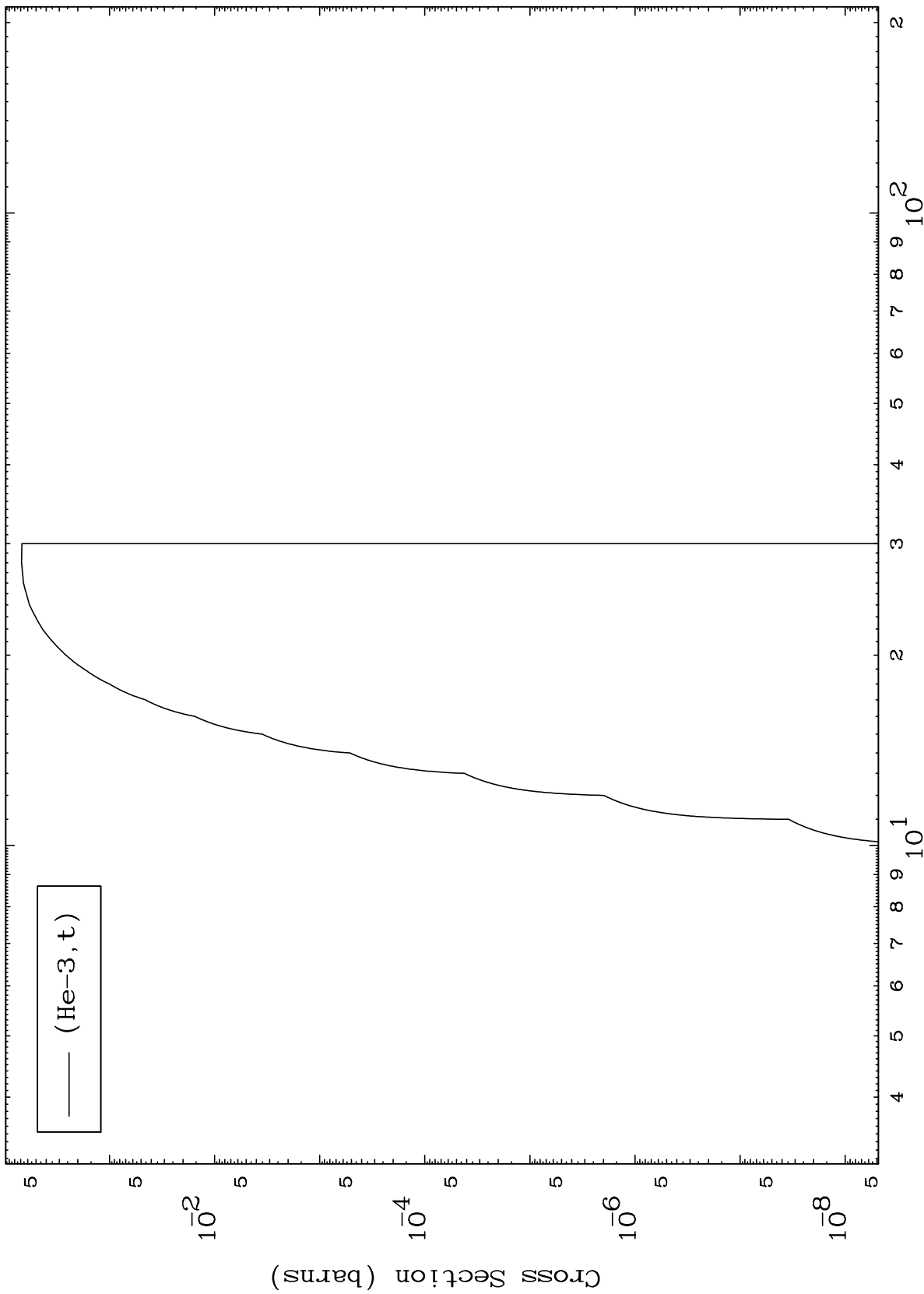
0 Kelvin Cross Sections



Incident Energy (MeV)

58-Ce-135

0 Kelvin Cross Sections

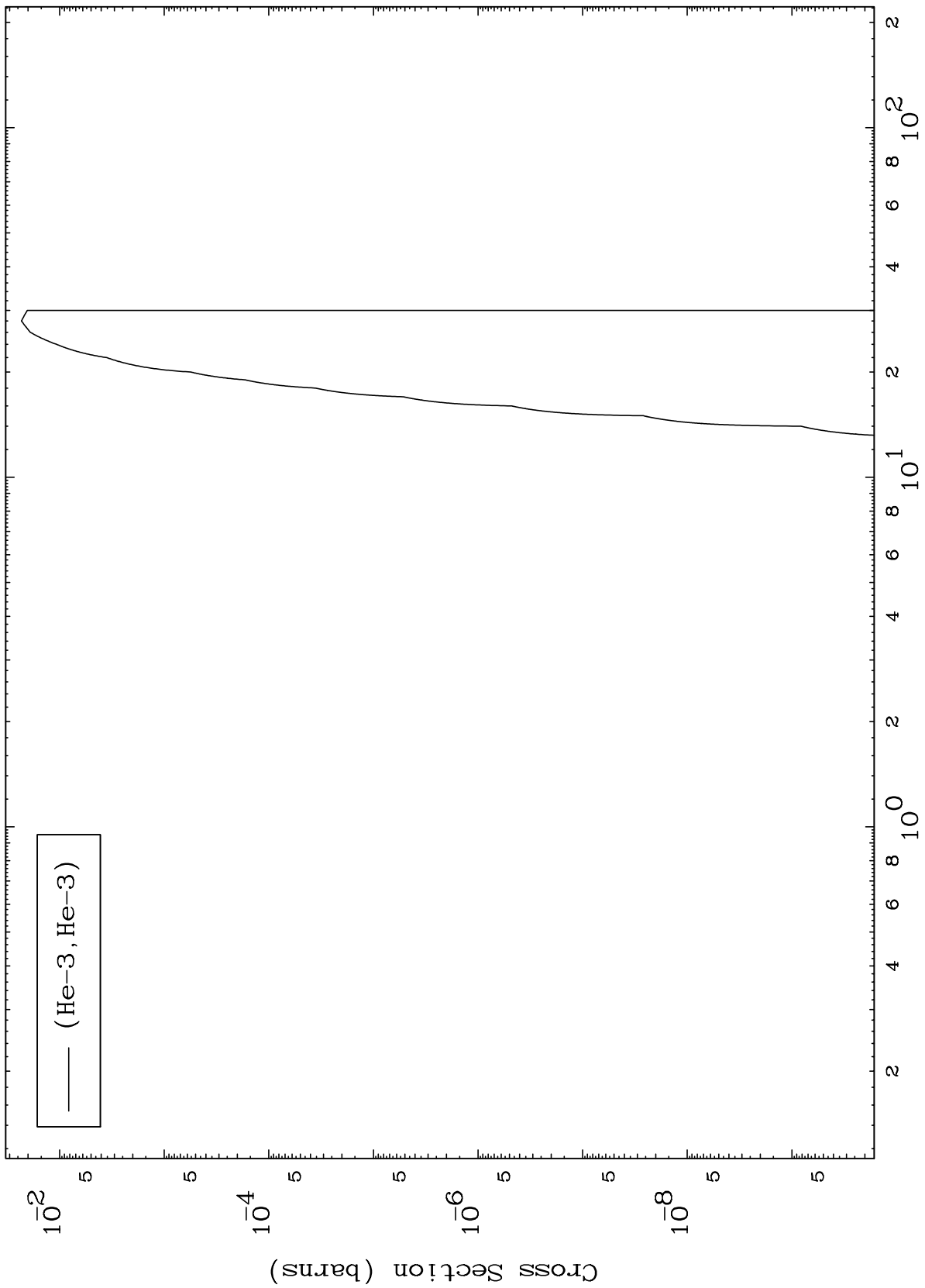


MAT 5823

(He-3, He3) Levels

58-Ce-135

0 Kelvin Cross Sections



10

Incident Energy (MeV)

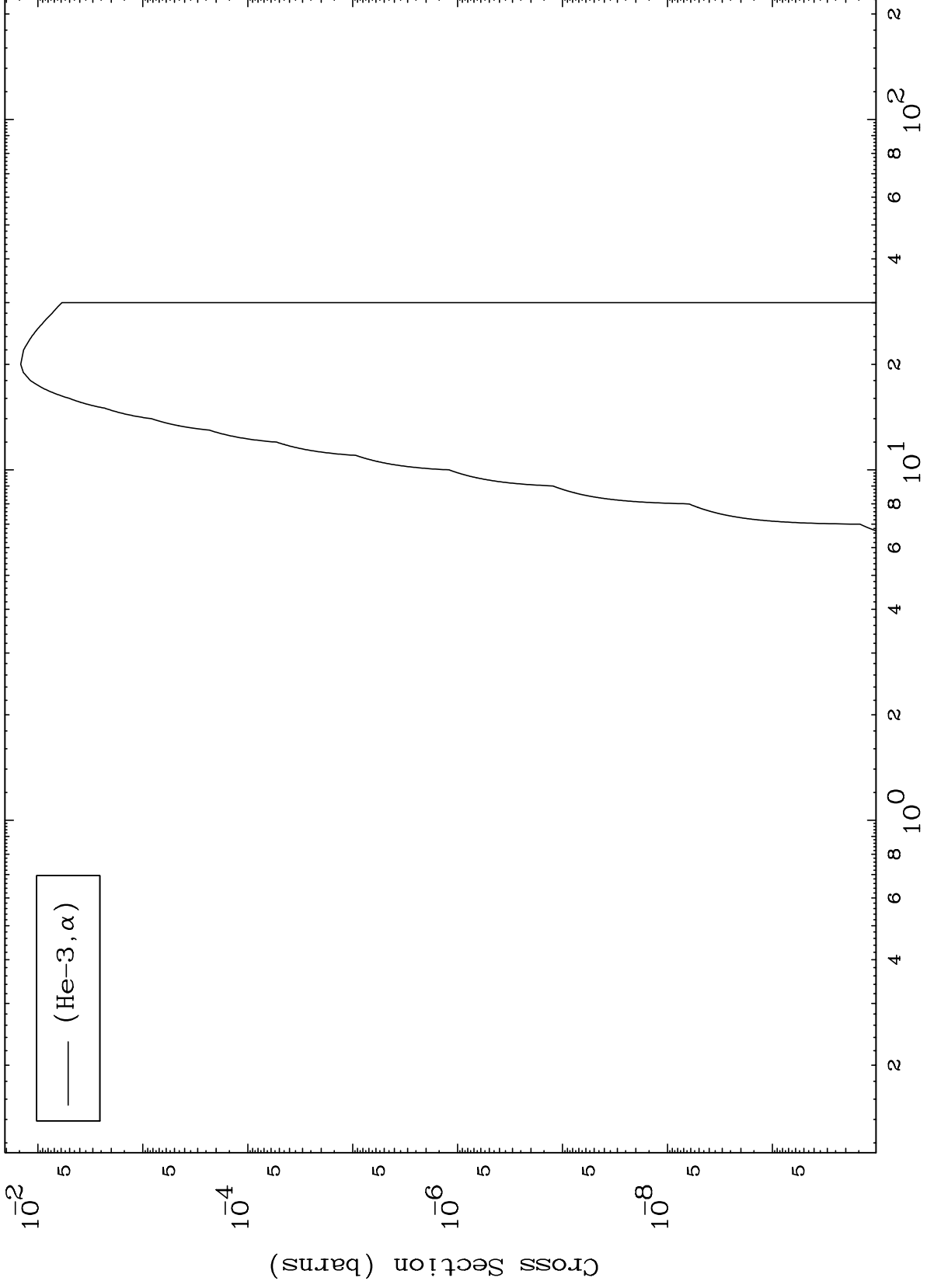
58-Ce-135

MAT 5823

(He-3,  $\alpha$ ) Levels

58-Ce-135

0 Kelvin Cross Sections



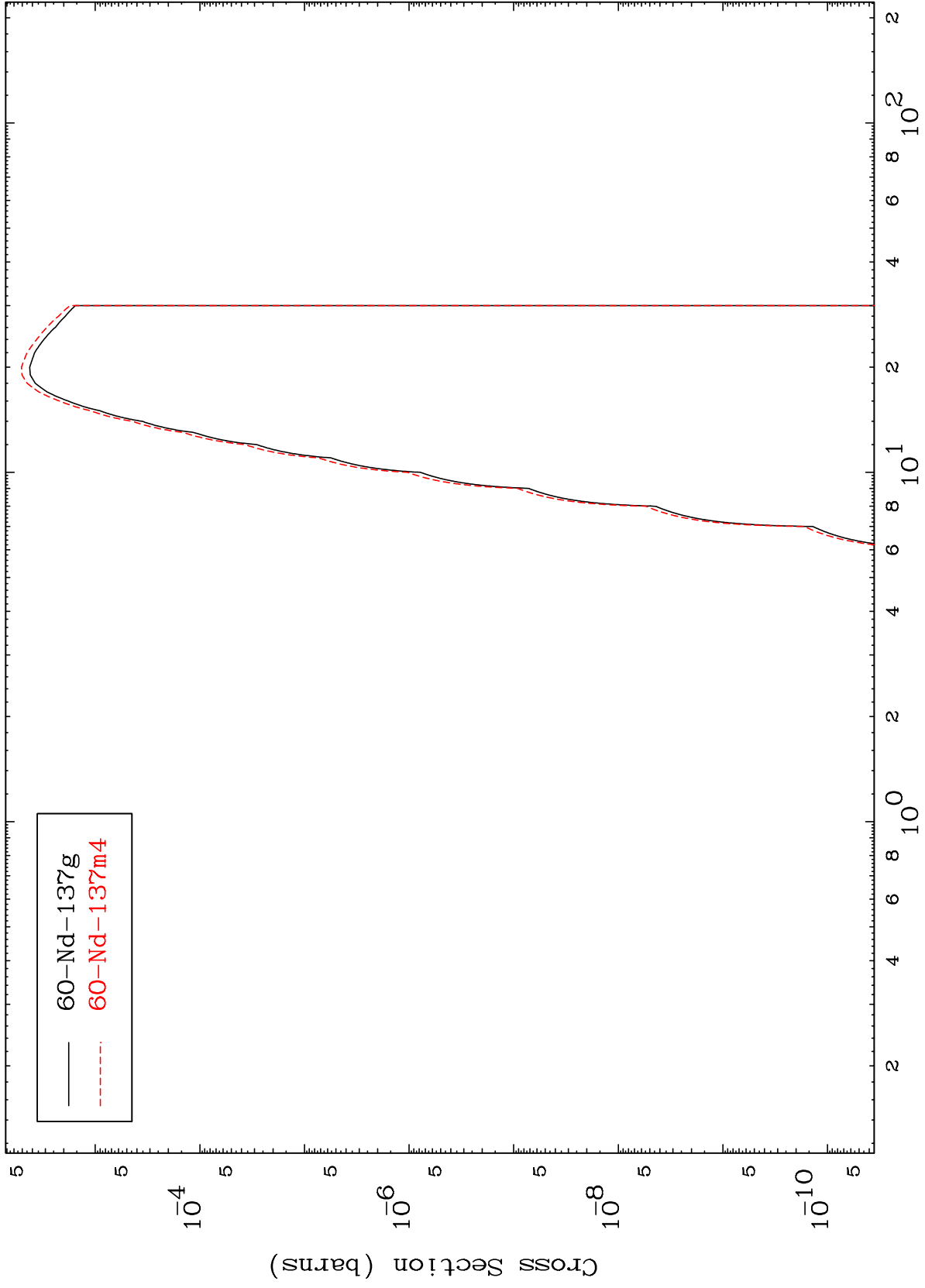
(He-3,  $\alpha$ )

MAT 5823

He-3 Inelastic

58-Ce-135

Radionuclide Production Cross Section



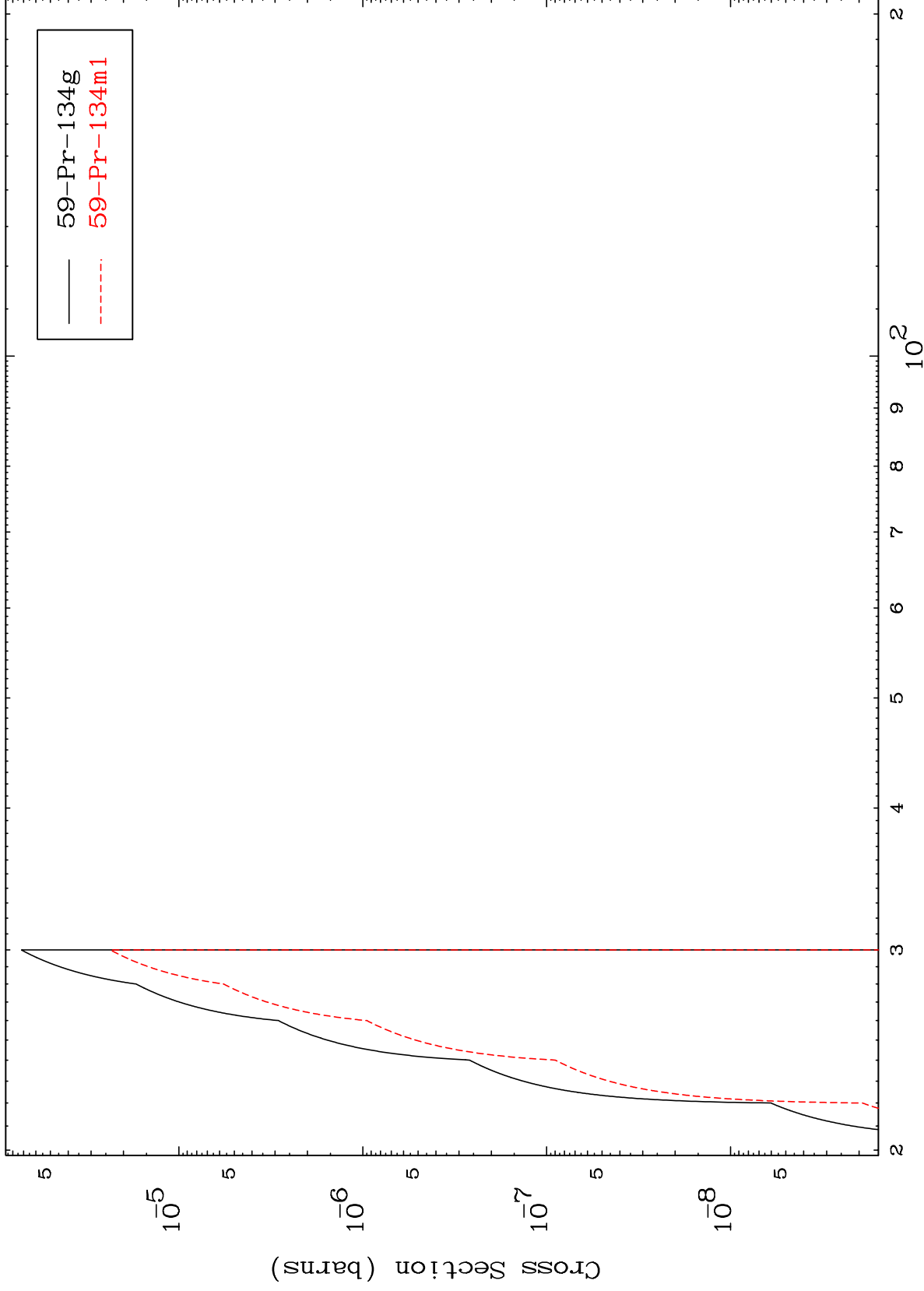
60-Nd-137g  
60-Nd-137m4

MAT 5823

(He-3,2n) d

58-Ce-135

Radionuclide Production Cross Section



13

Incident Energy (MeV)

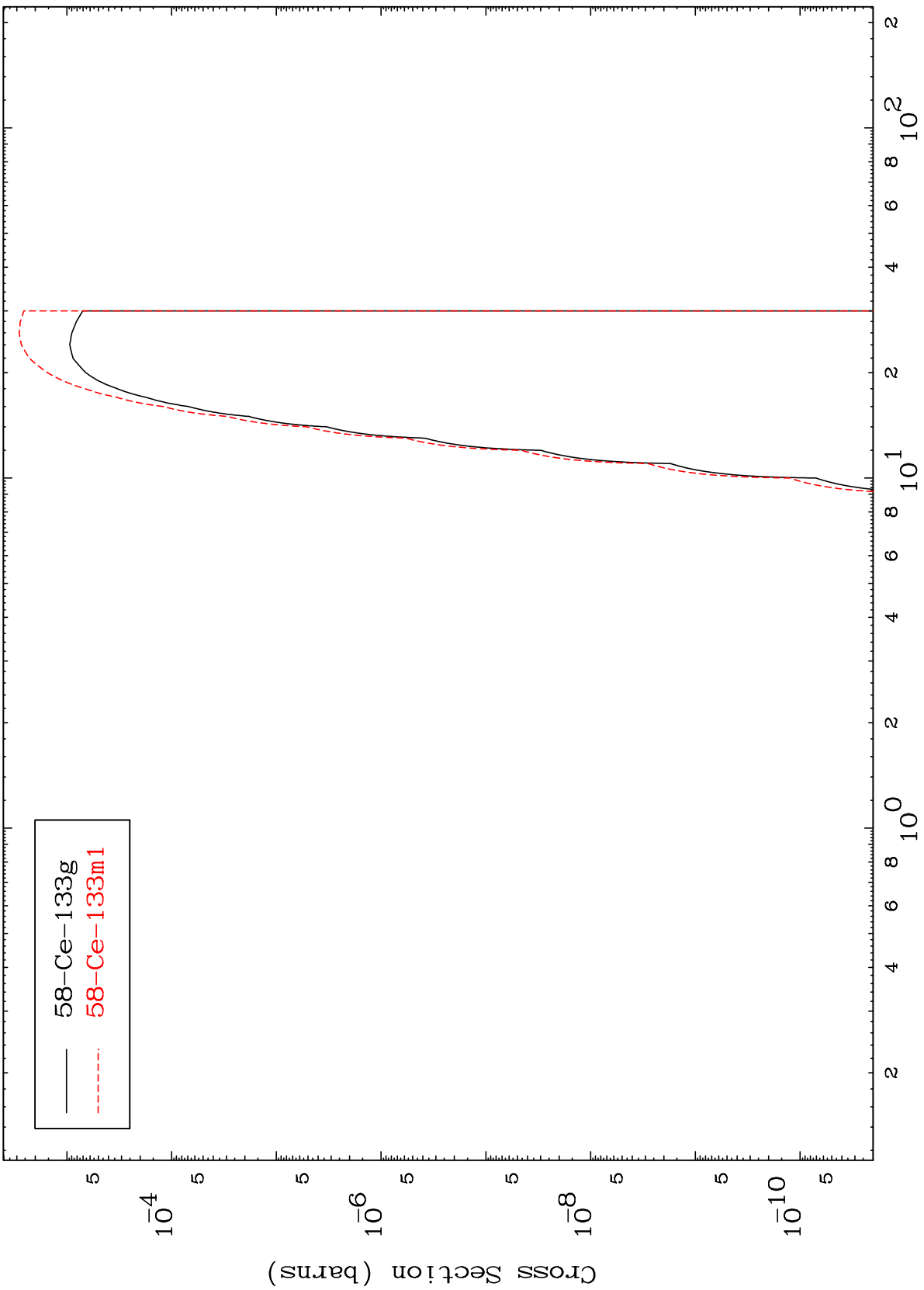
58-Ce-135

MAT 5823

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

58-Ce-135

Radionuclide Production Cross Section



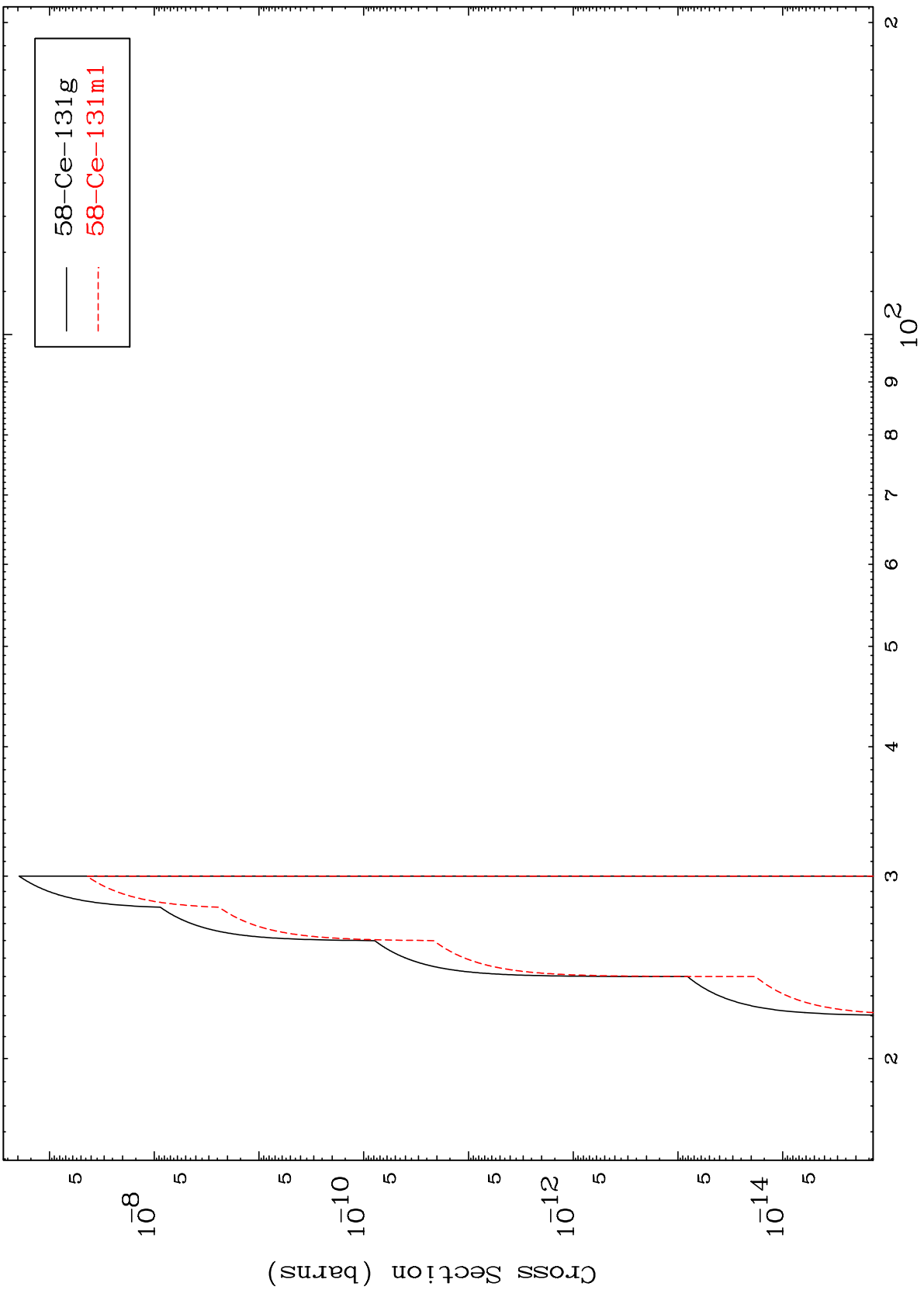
58-Ce-133g  
58-Ce-133m1

MAT 5823

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

58-Ce-135

Radionuclide Production Cross Section



15

Incident Energy (MeV)

58-Ce-135

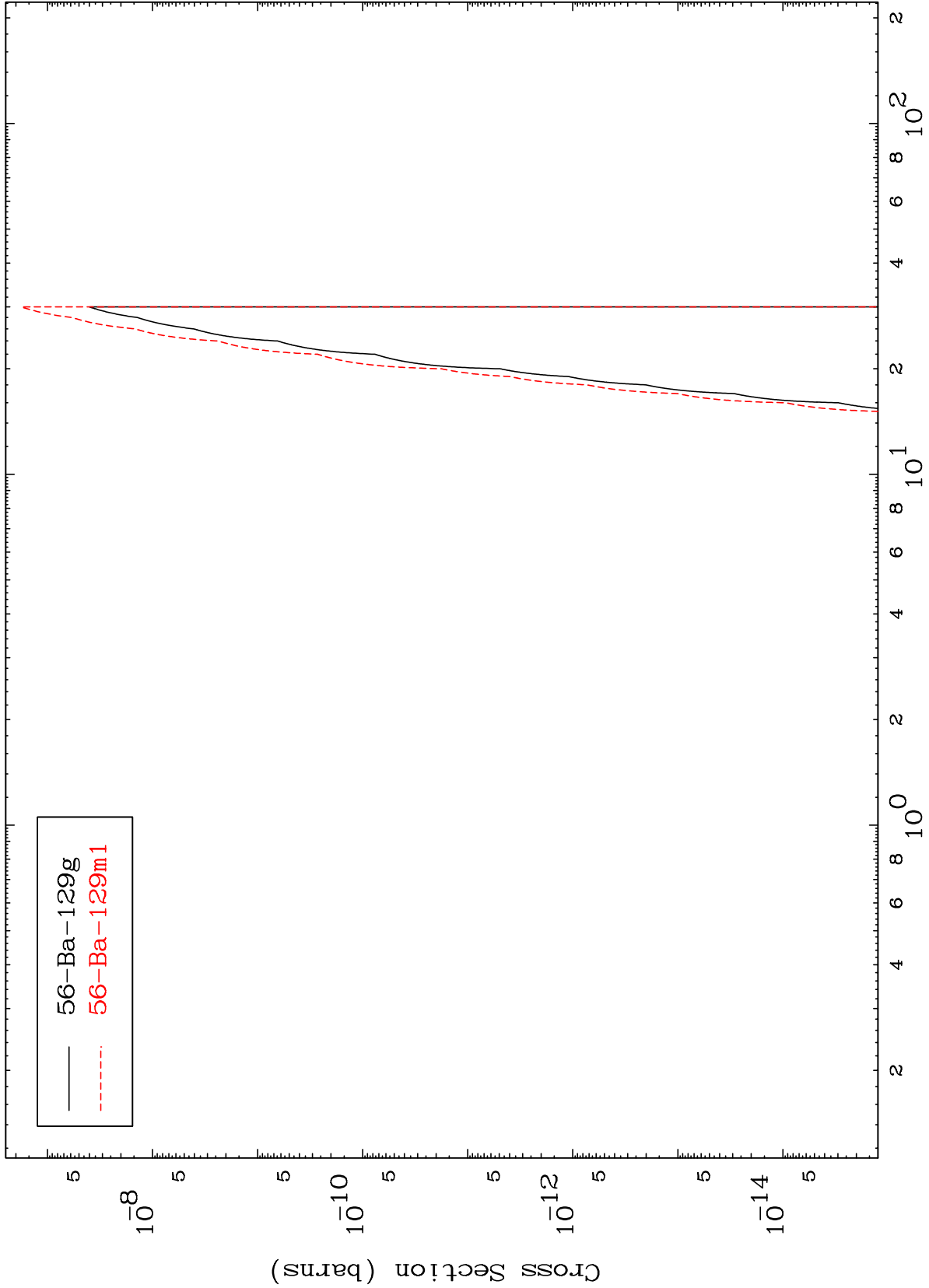


MAT 5823

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

58-Ce-135

Radionuclide Production Cross Section



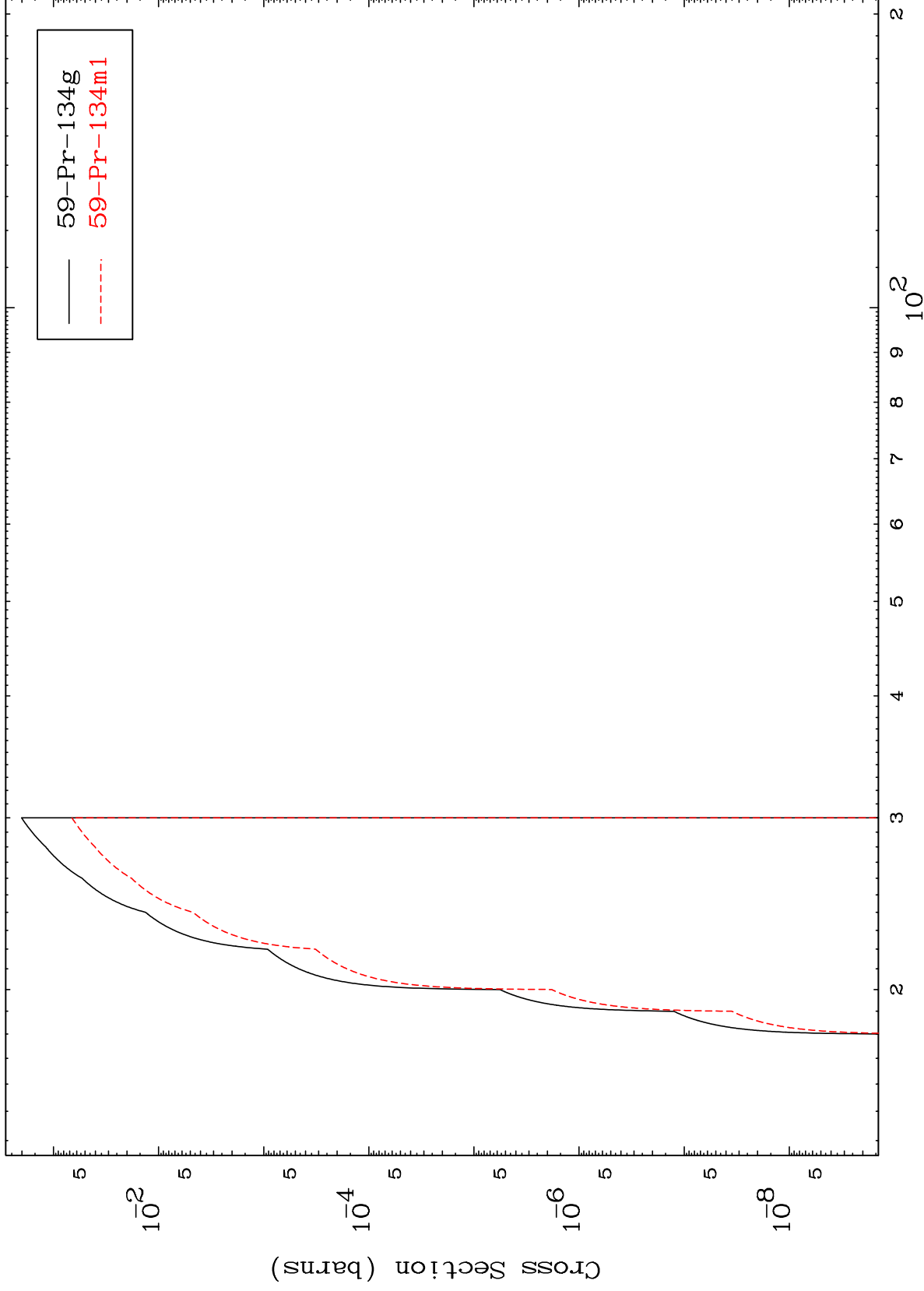
56-Ba-129g  
56-Ba-129m1

MAT 5823

(He-3, n') t

58-Ce-135

Radionuclide Production Cross Section



17

Incident Energy (MeV)

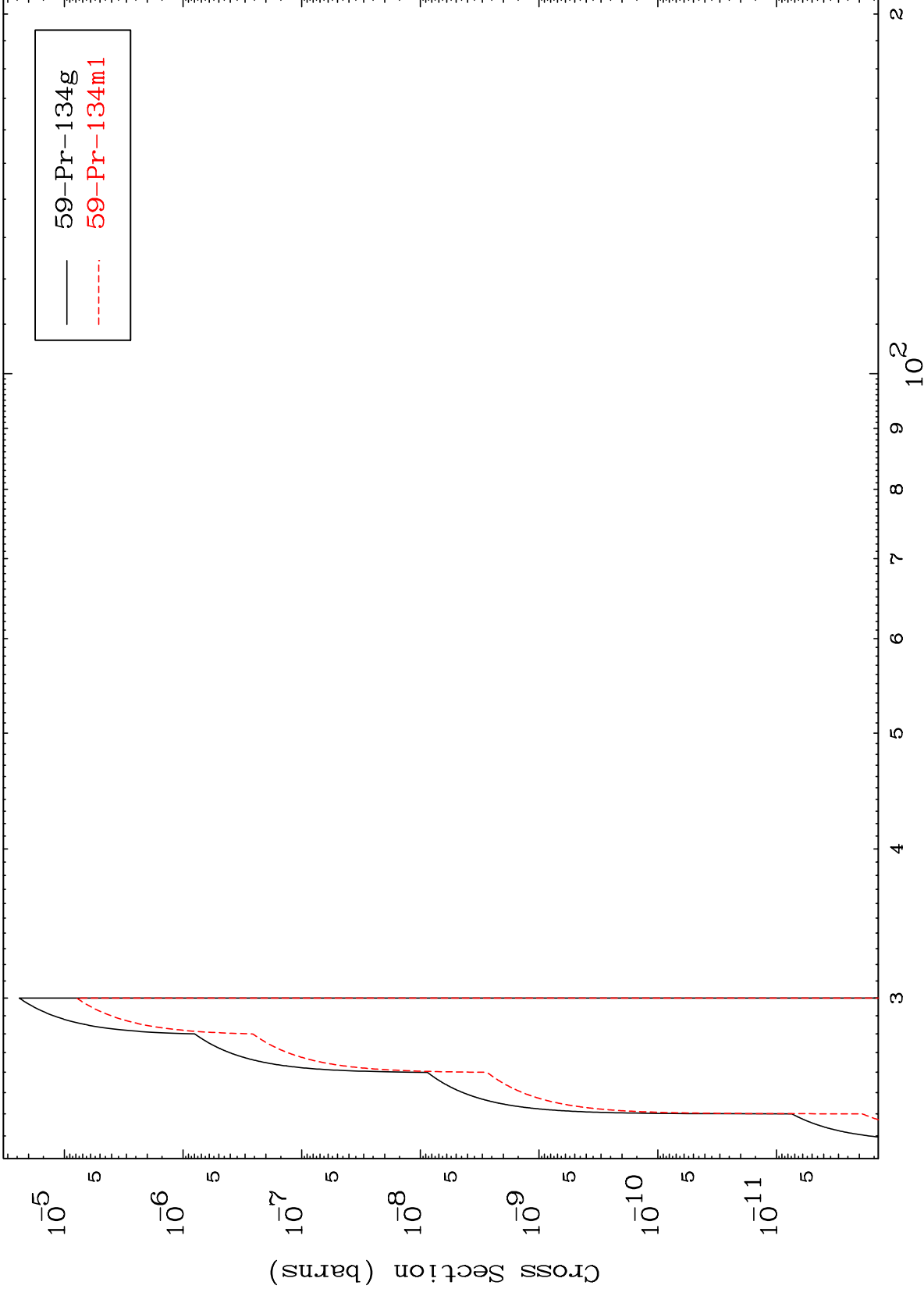
58-Ce-135

MAT 5823

(He-3,3n) p

58-Ce-135

Radionuclide Production Cross Section



59-Pr-134g  
59-Pr-134m1

18

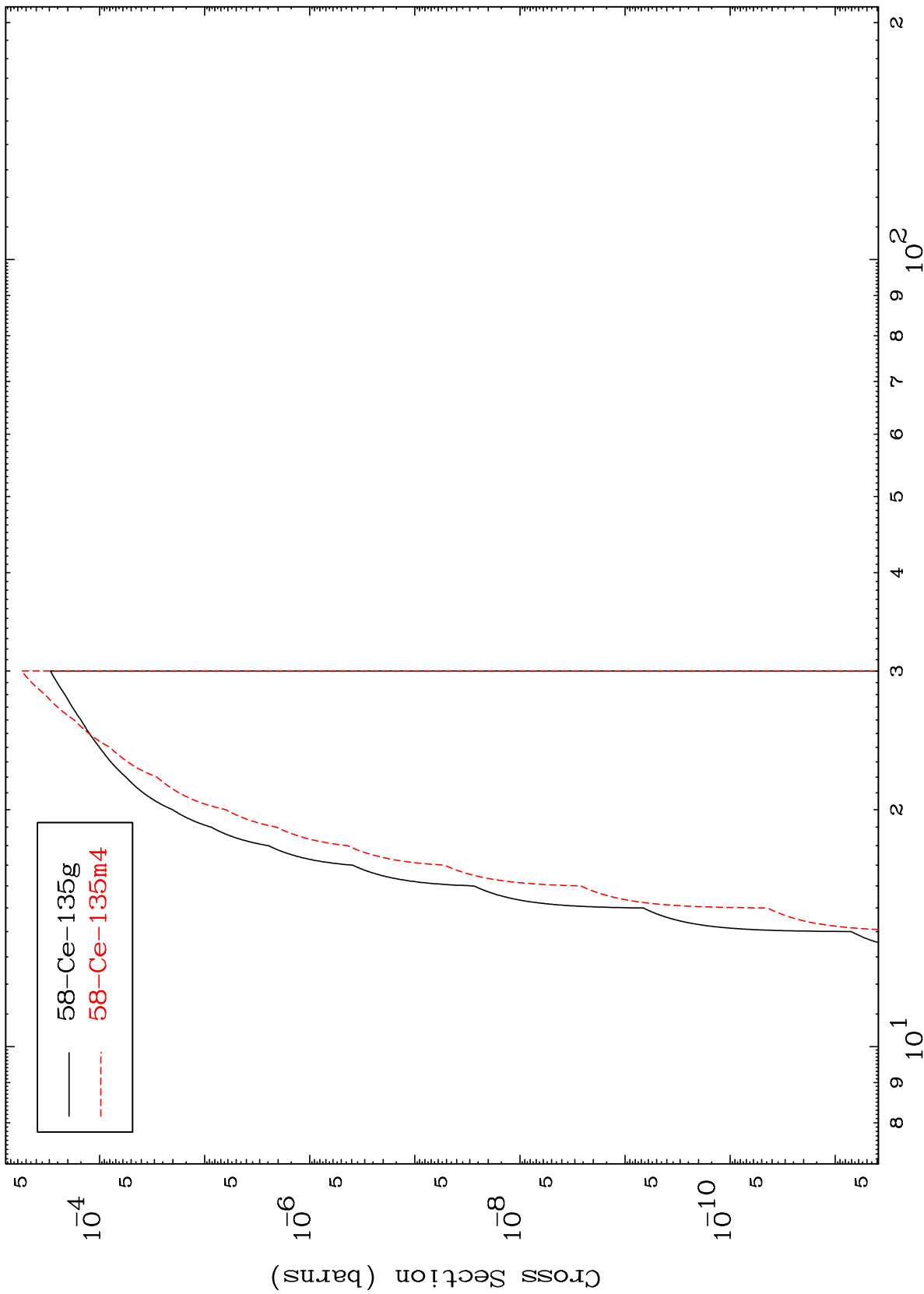
Incident Energy (MeV)

58-Ce-135

MAT 5823

58-Ce-135

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



19

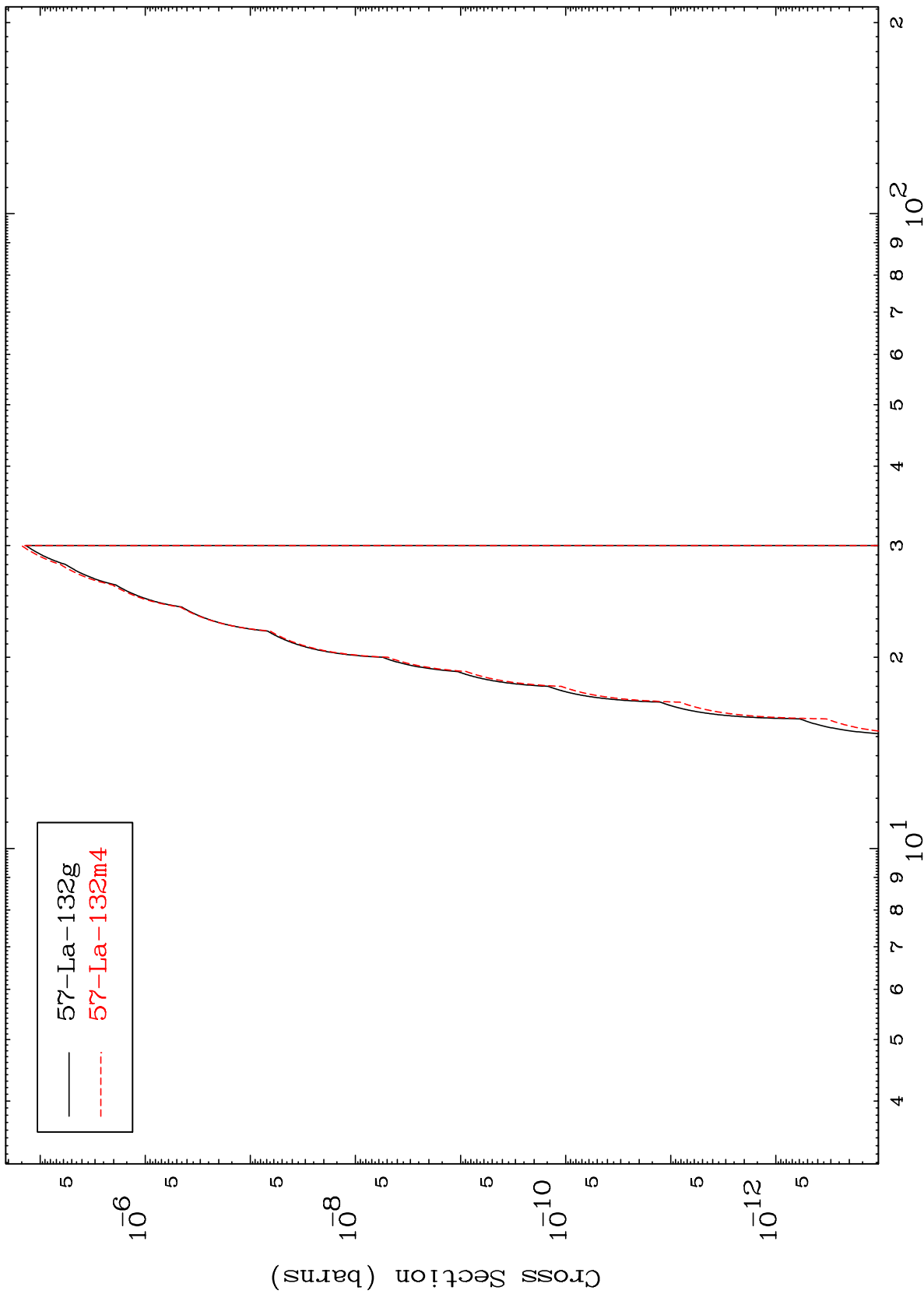
Incident Energy (MeV)

58-Ce-135

MAT 5823

58-Ce-135

(He-3, n') p  $\alpha$   
Radionuclide Production Cross Section



20

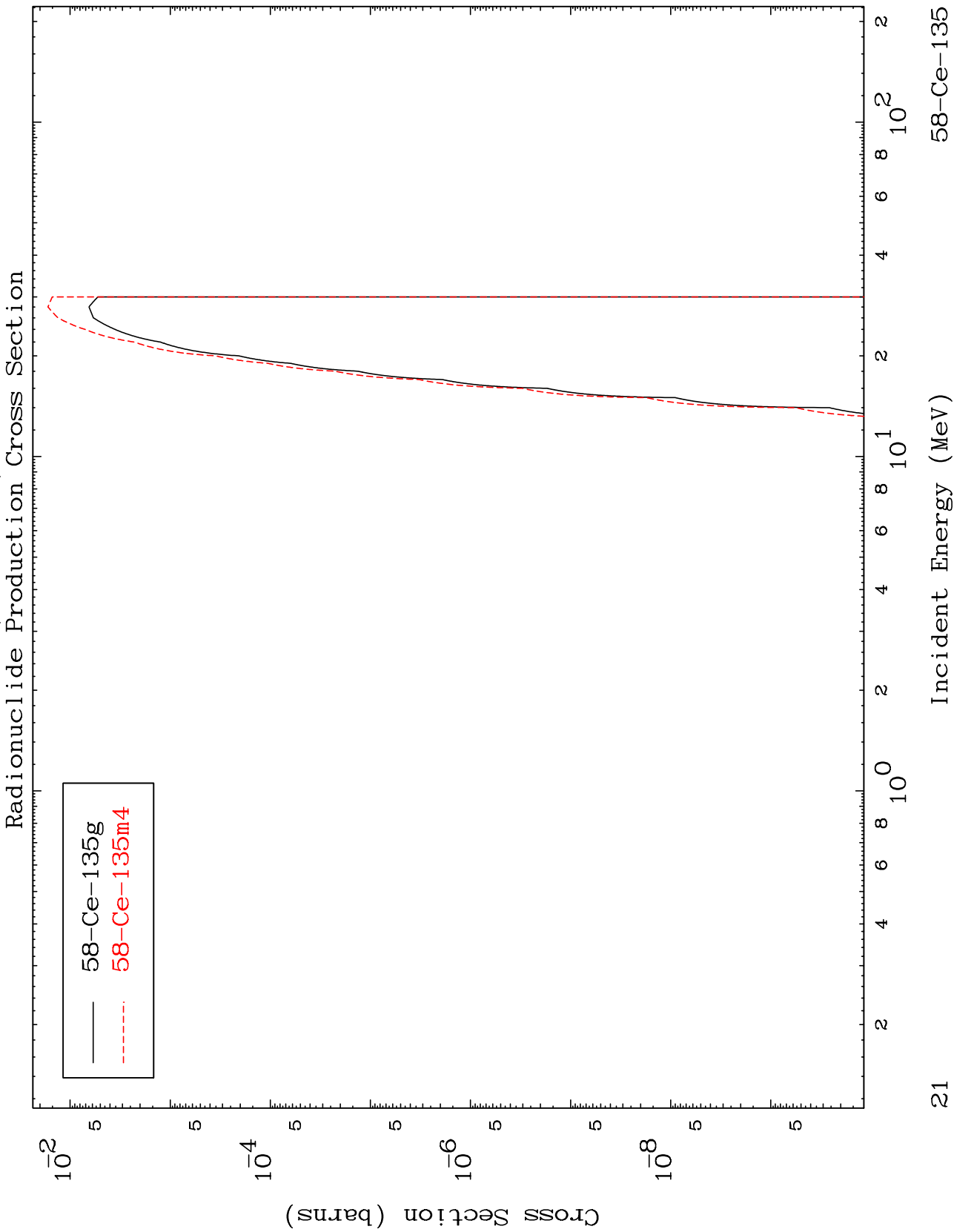
Incident Energy (MeV)

58-Ce-135

MAT 5823

(He-3, He-3)

58-Ce-135

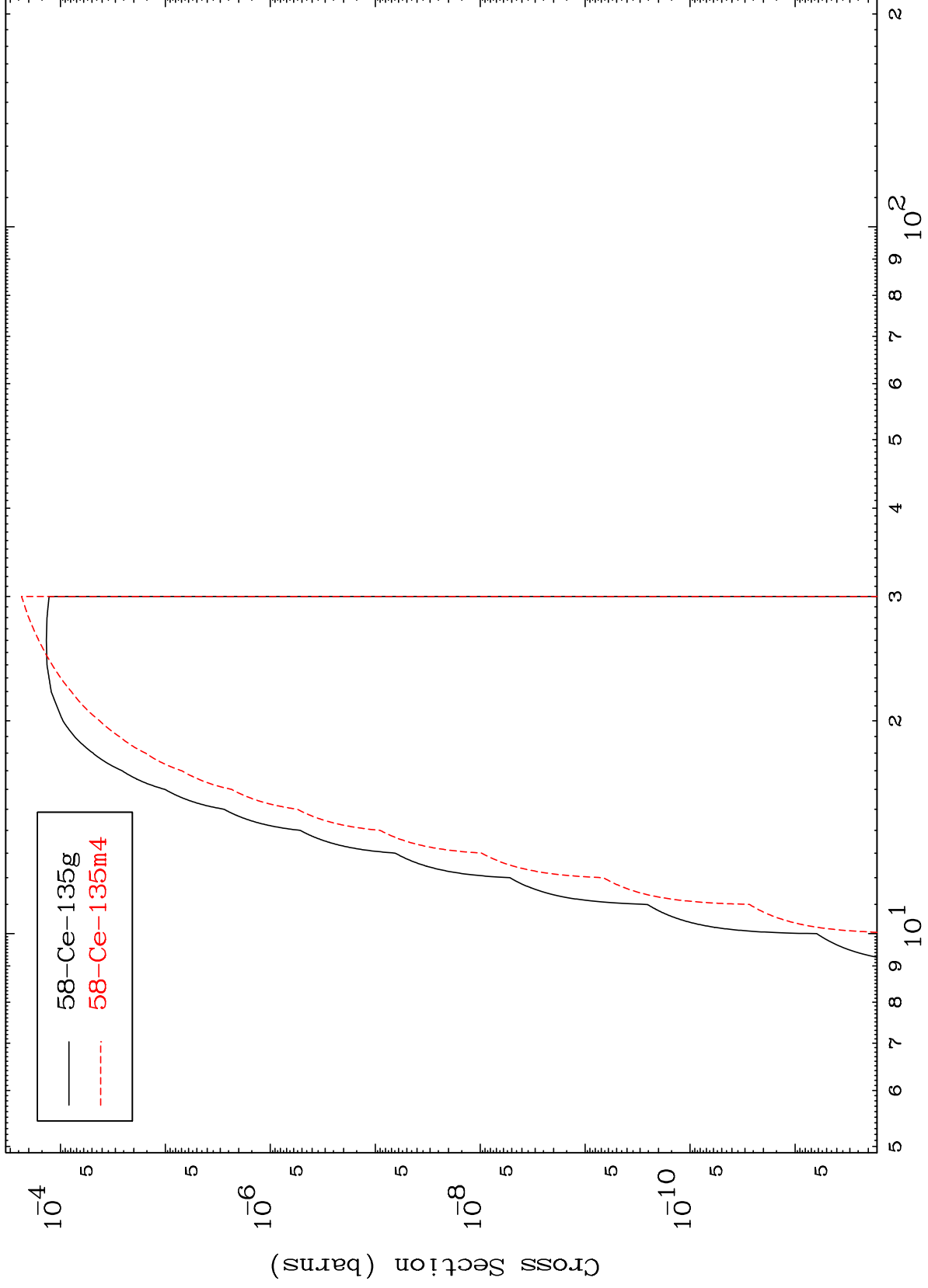


MAT 5823

(He-3,p) d

58-Ce-135

Radionuclide Production Cross Section



22

Incident Energy (MeV)

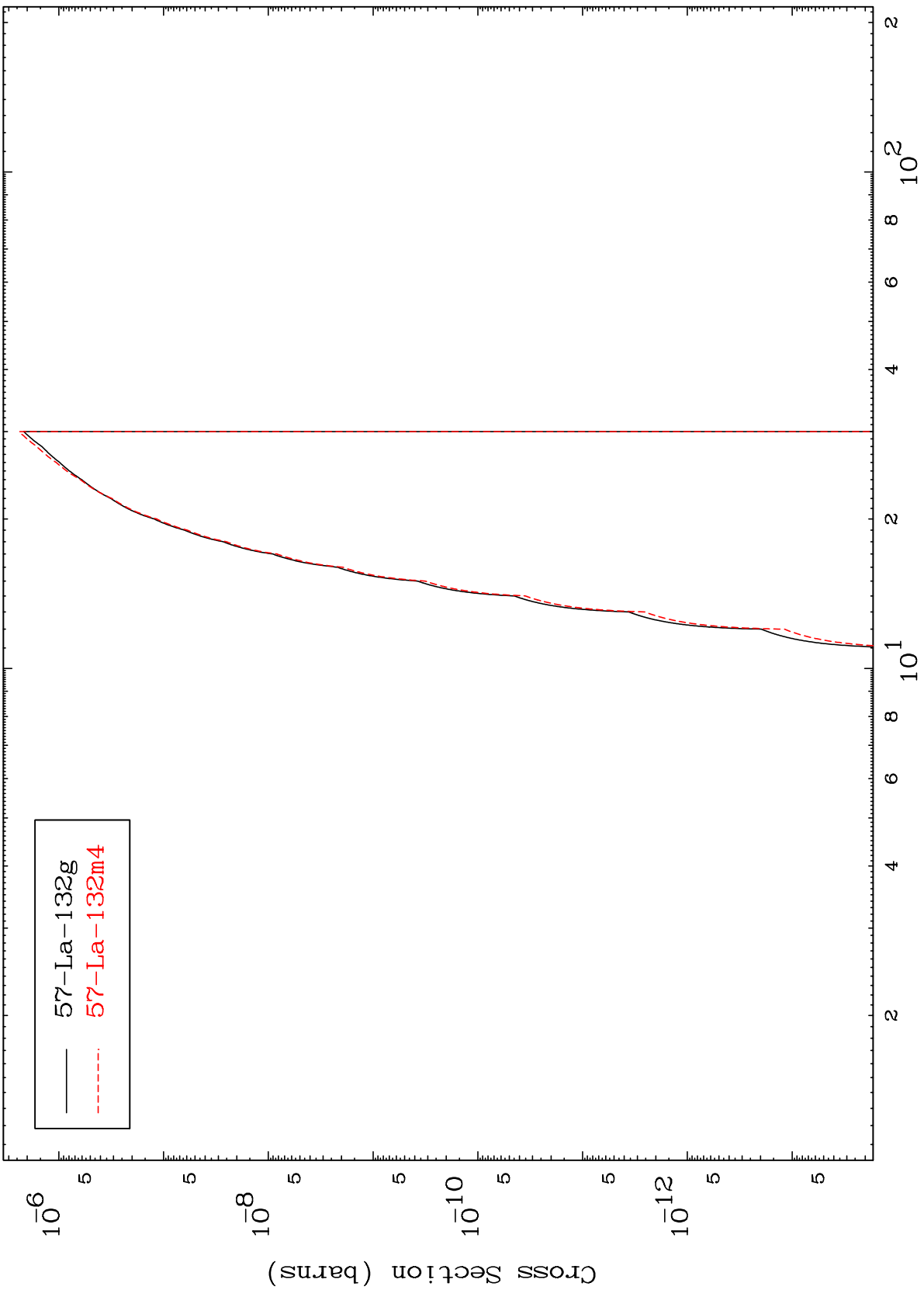
58-Ce-135

MAT 5823

(He-3,d)  $\alpha$

58-Ce-135

Radionuclide Production Cross Section



57-La-132g  
57-La-132m4