

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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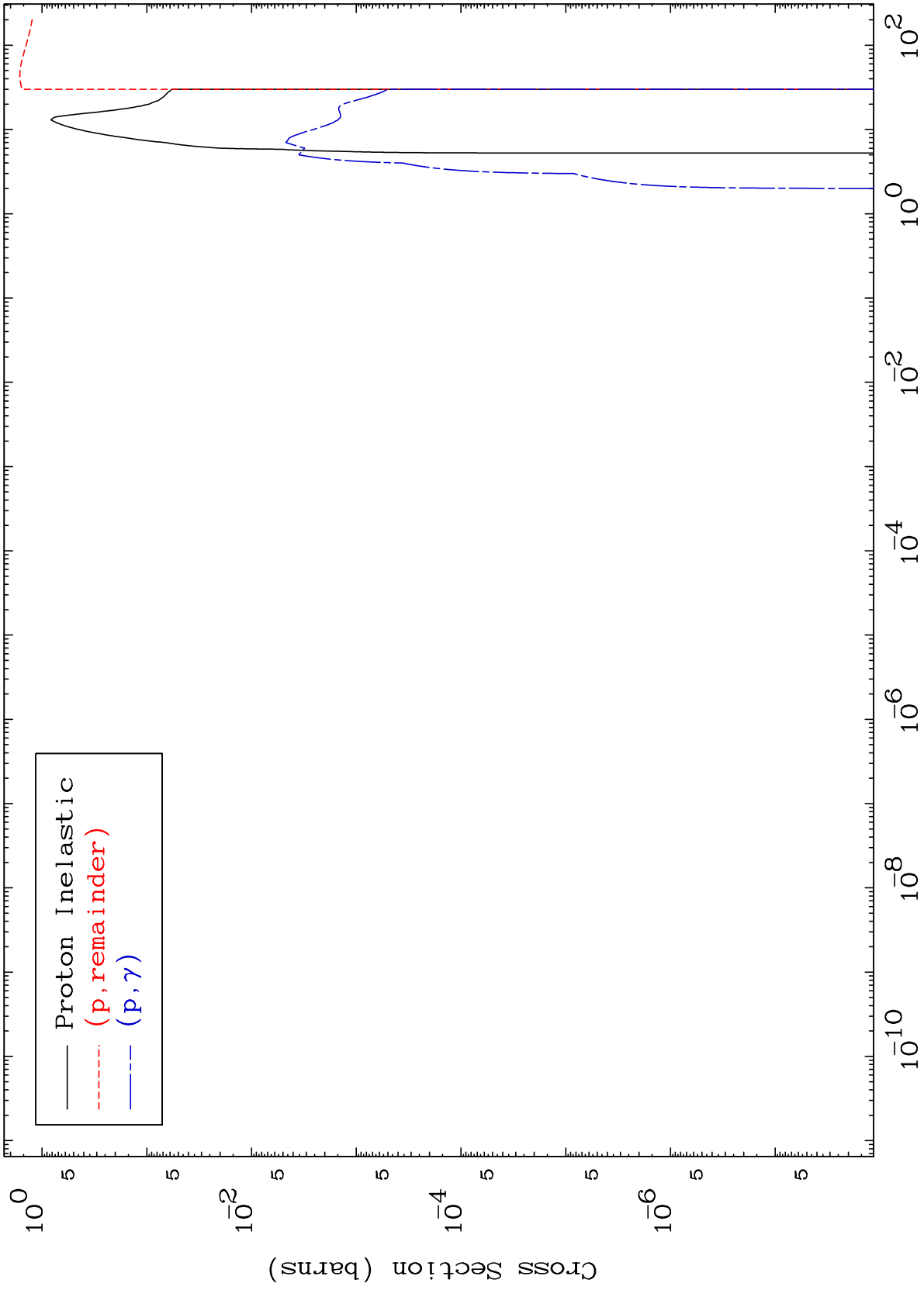
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5831

Proton Major  
0 Kelvin Cross Sections

58-Ce-138



1

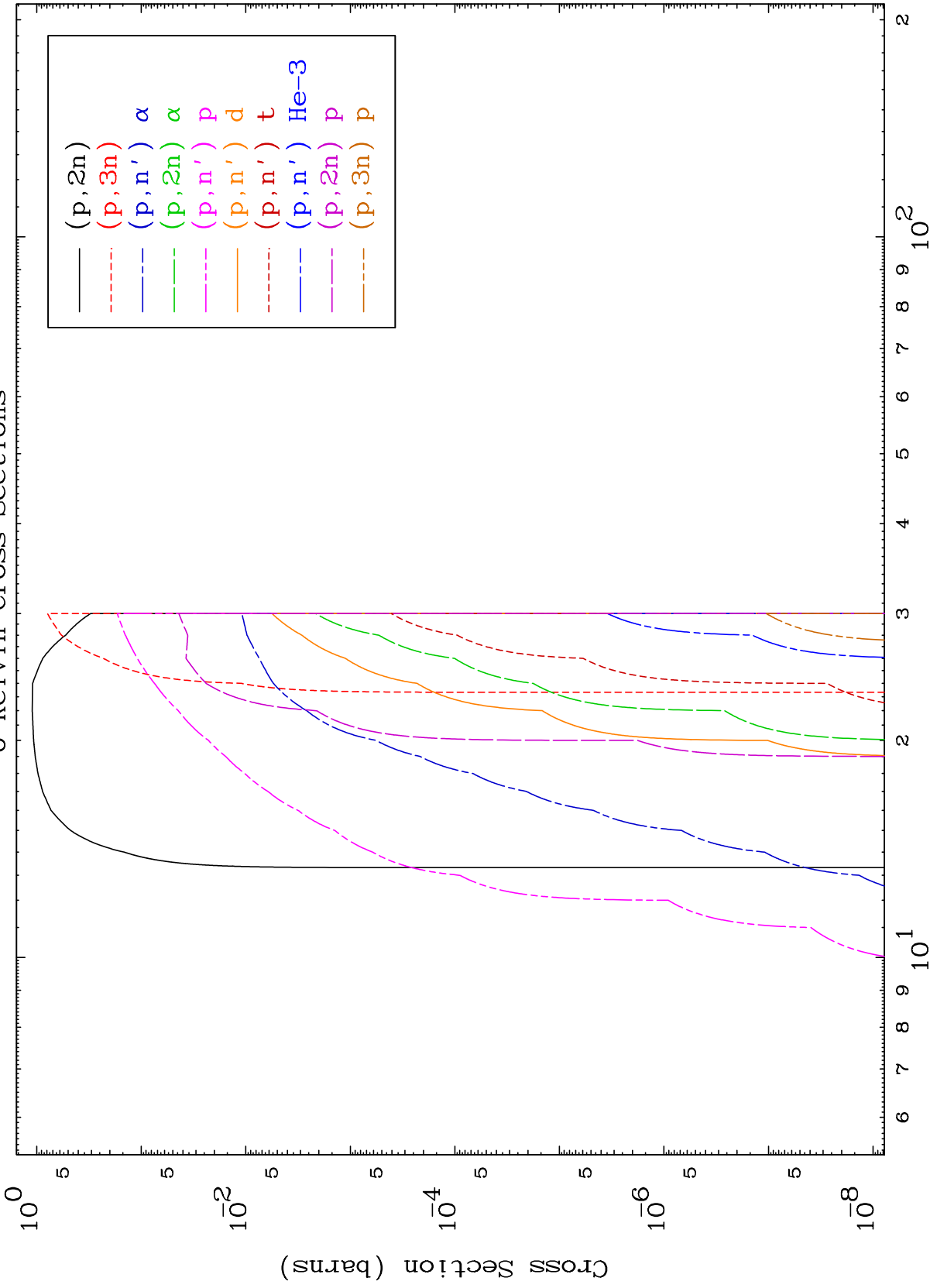
Incident Energy (MeV)

58-Ce-138

MAT 5831

Proton Neutron Production  
0 Kelvin Cross Sections

58-Ce-138



2

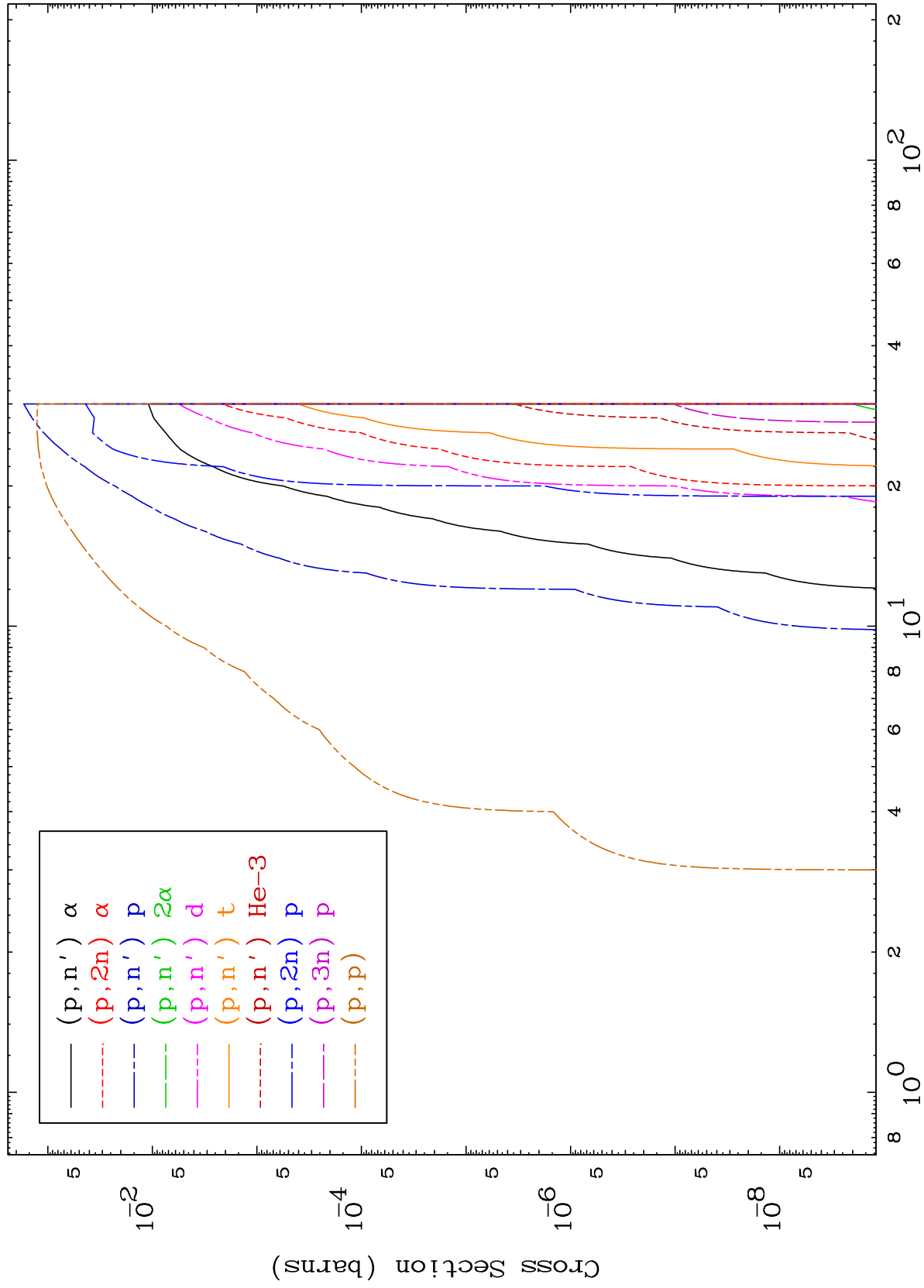
Incident Energy (MeV)

58-Ce-138

MAT 5831

Proton Charged Particle  
0 Kelvin Cross Sections

58-Ce-138



3

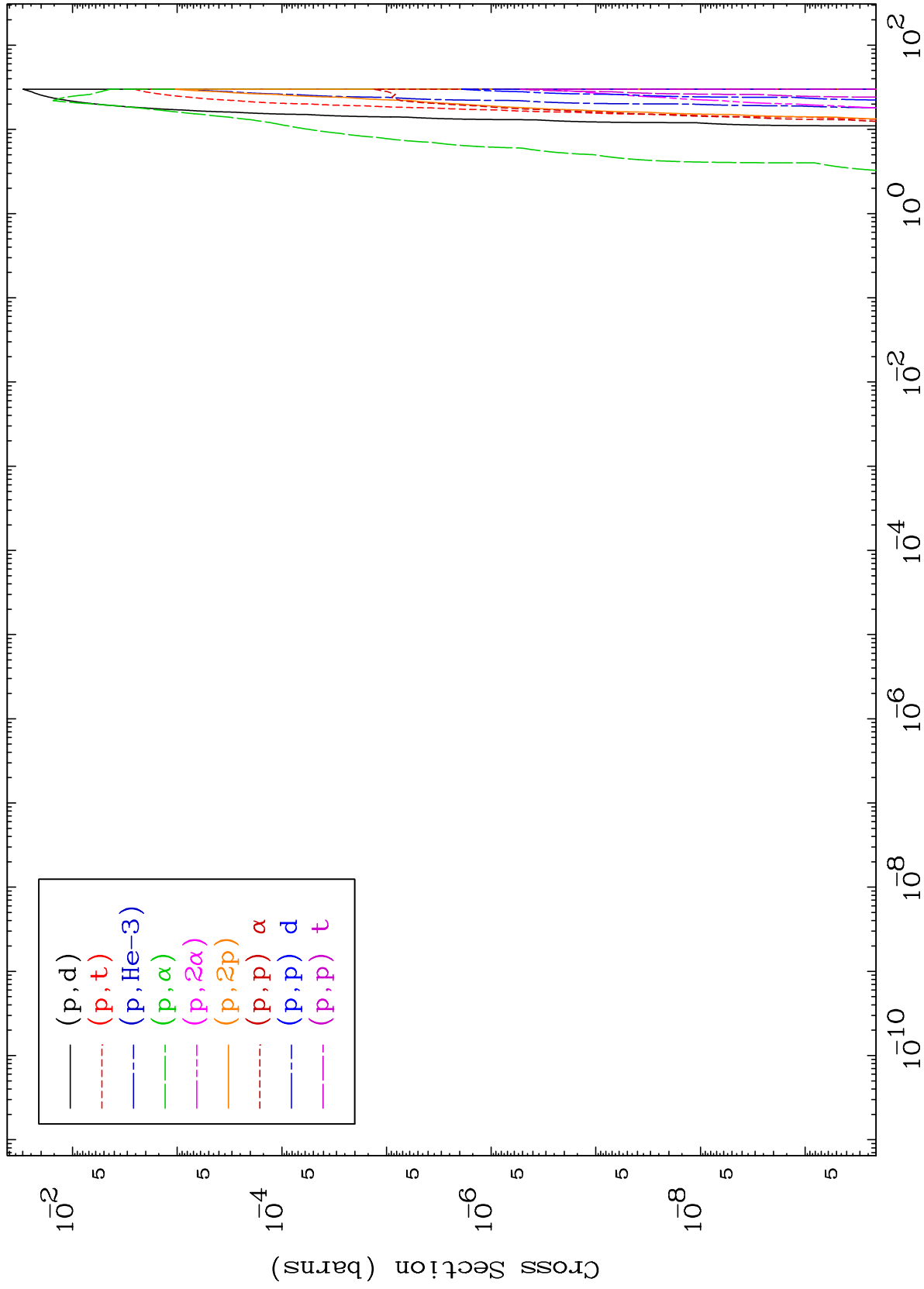
Incident Energy (MeV)

58-Ce-138

MAT 5831

Proton Charged Particle  
0 Kelvin Cross Sections

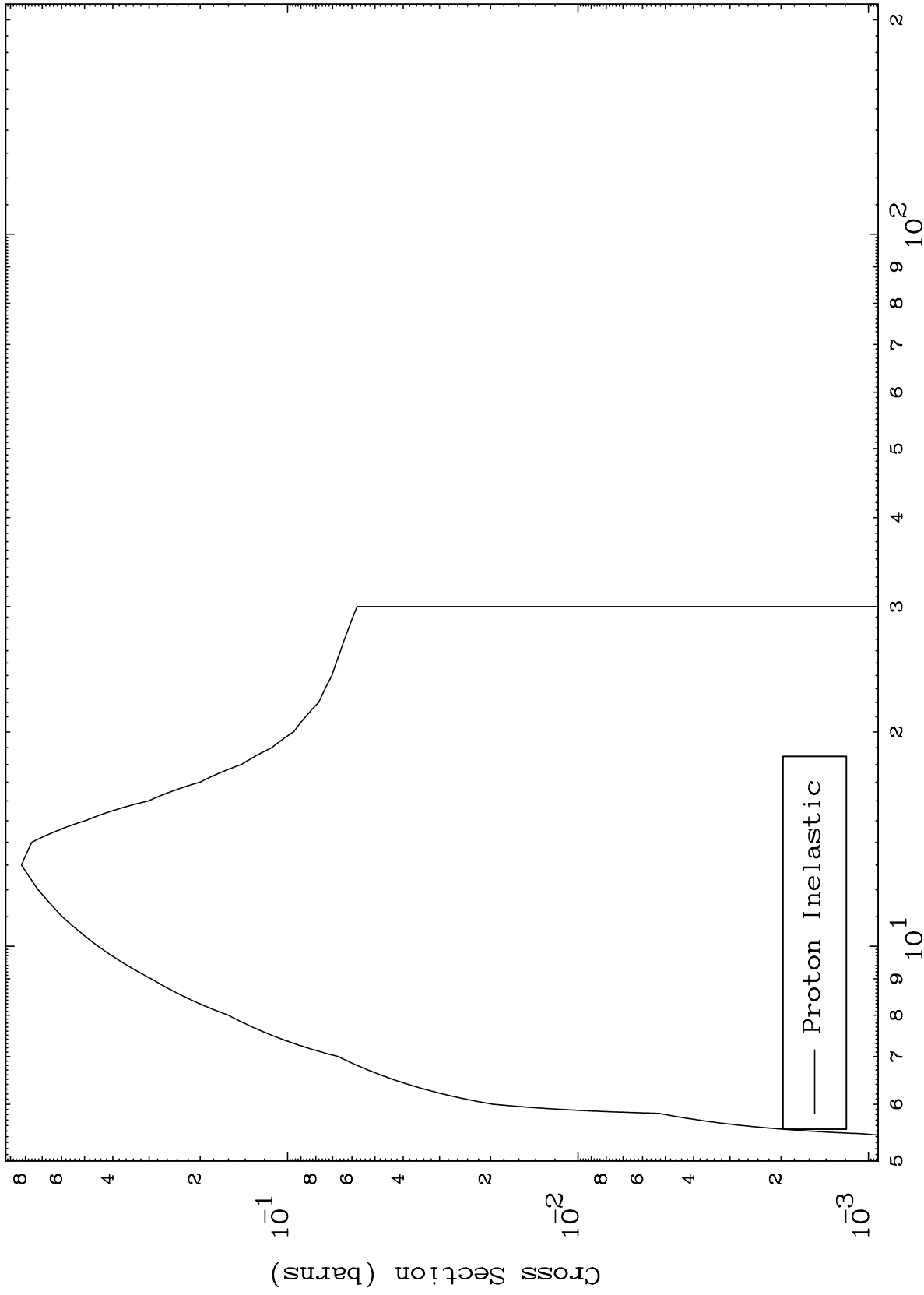
58-Ce-138



MAT 5831

(p,n') Level  
0 Kelvin Cross Sections

58-Ce-138



5

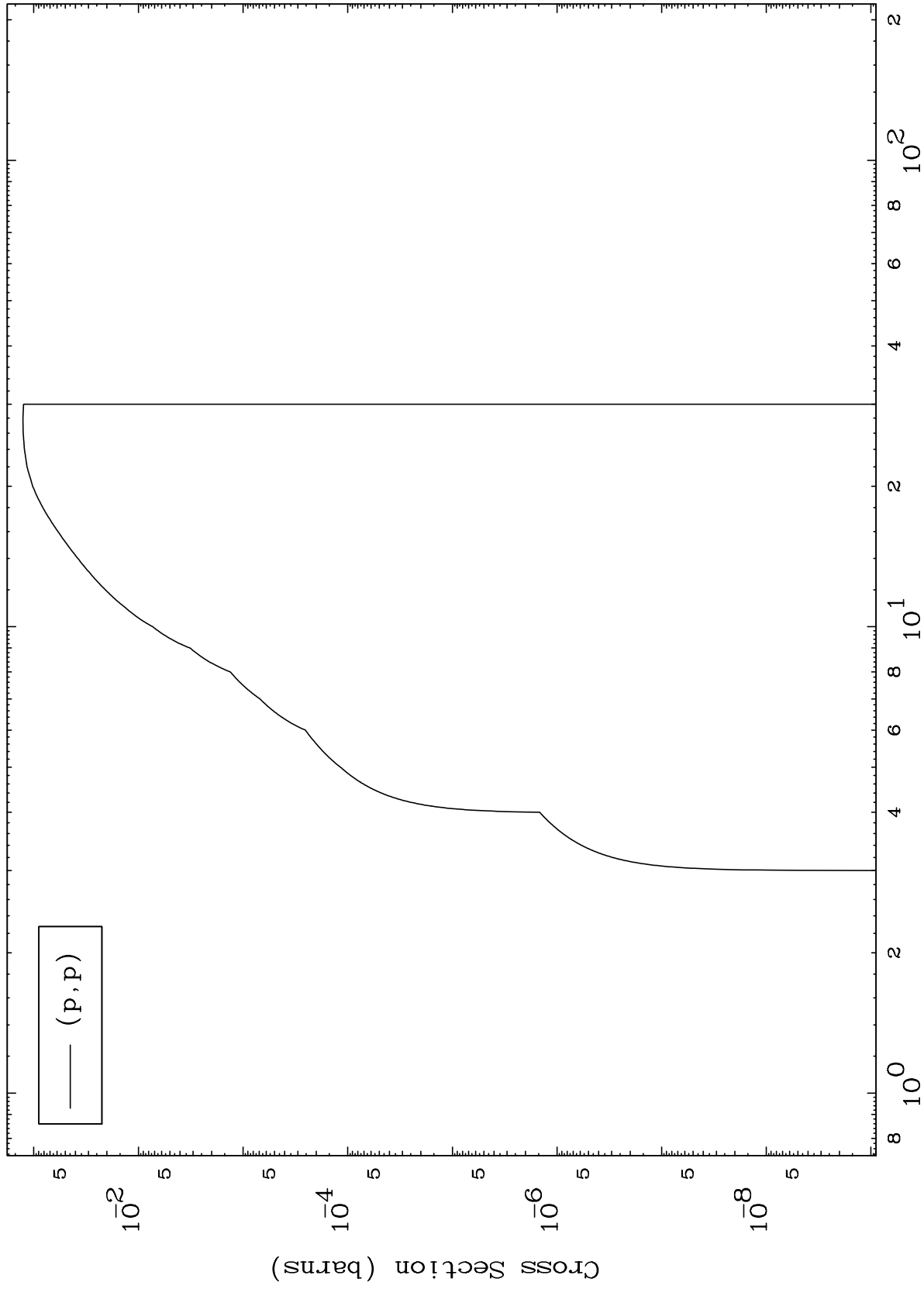
Incident Energy (MeV)

58-Ce-138

MAT 5831

58-Ce-138

(p,p) Levels  
0 Kelvin Cross Sections



6

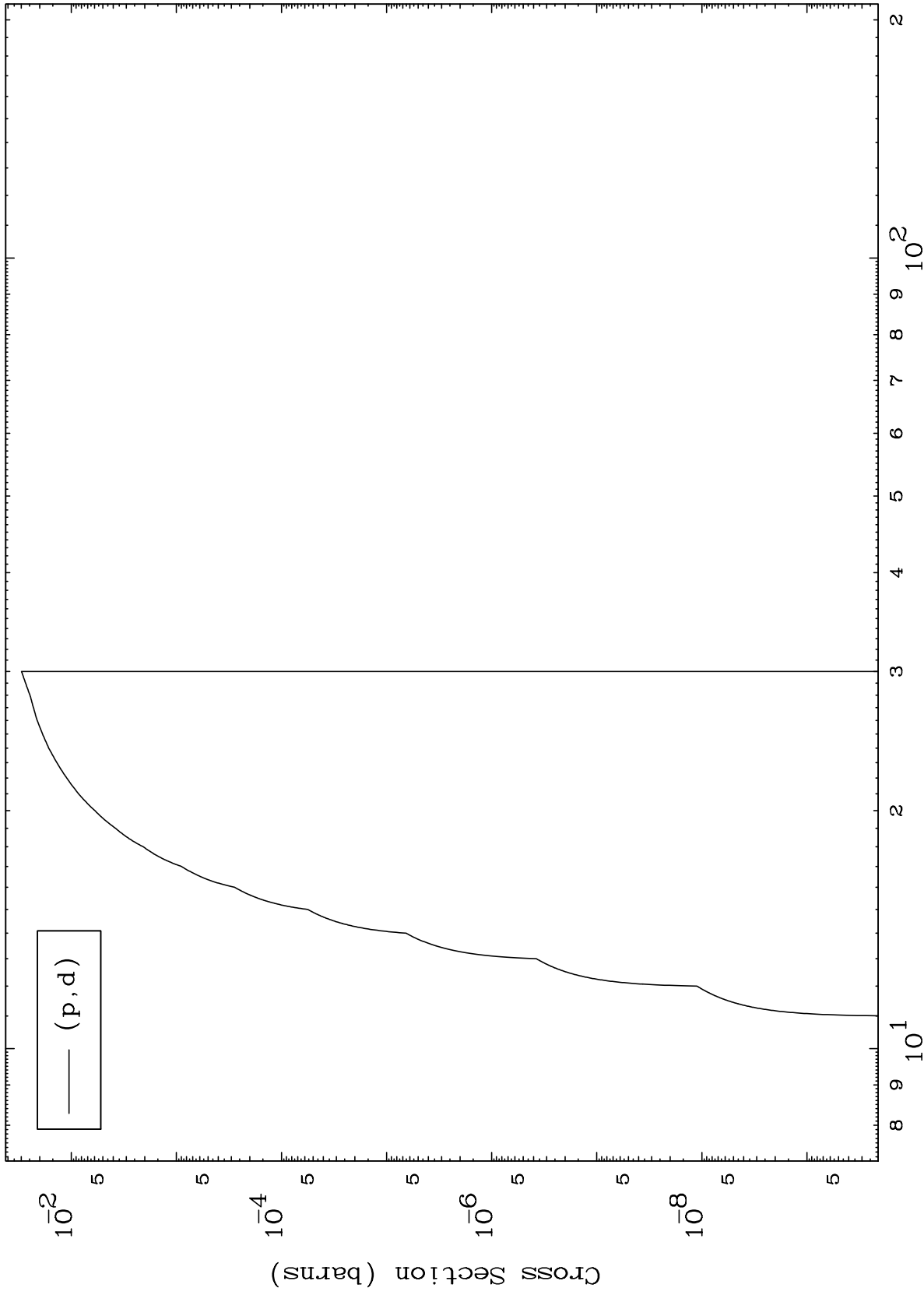
Incident Energy (MeV)

58-Ce-138

MAT 5831

(p,d) Levels  
0 Kelvin Cross Sections

58-Ce-138



7

Incident Energy (MeV)

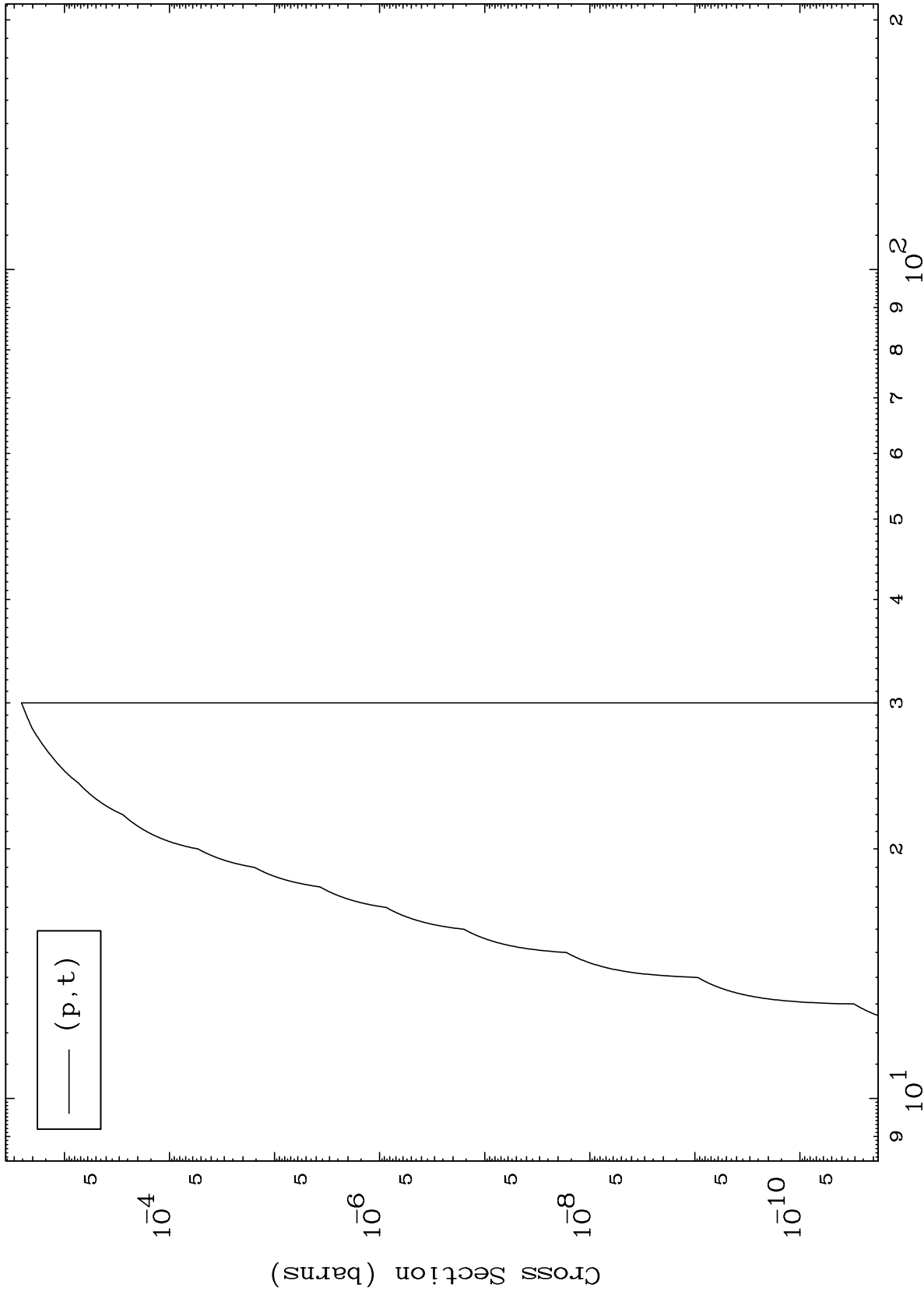
58-Ce-138



MAT 5831

(p,t) Levels  
0 Kelvin Cross Sections

58-Ce-138



8

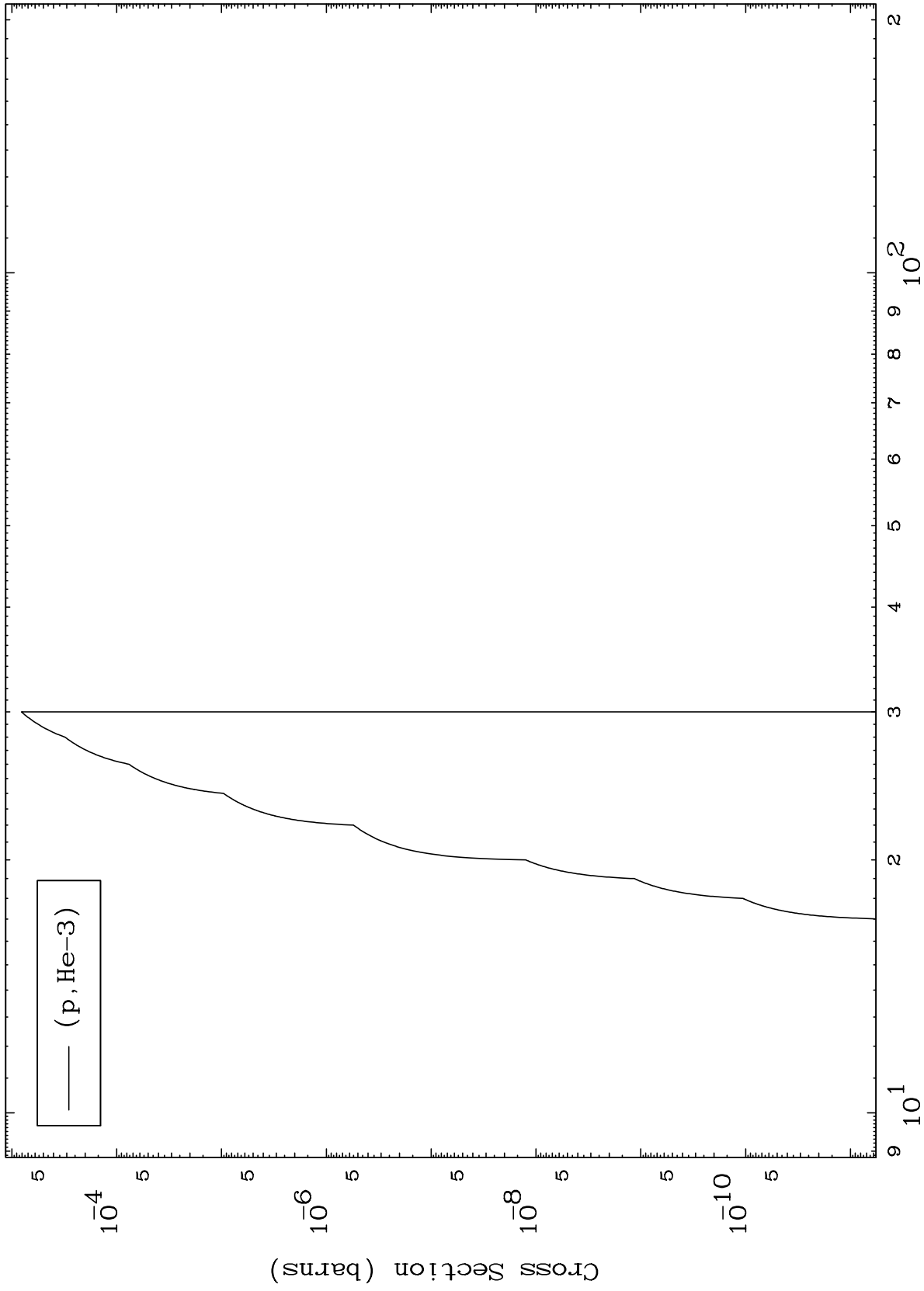
Incident Energy (MeV)

58-Ce-138

MAT 5831

(p,He3) Levels  
0 Kelvin Cross Sections

58-Ce-138



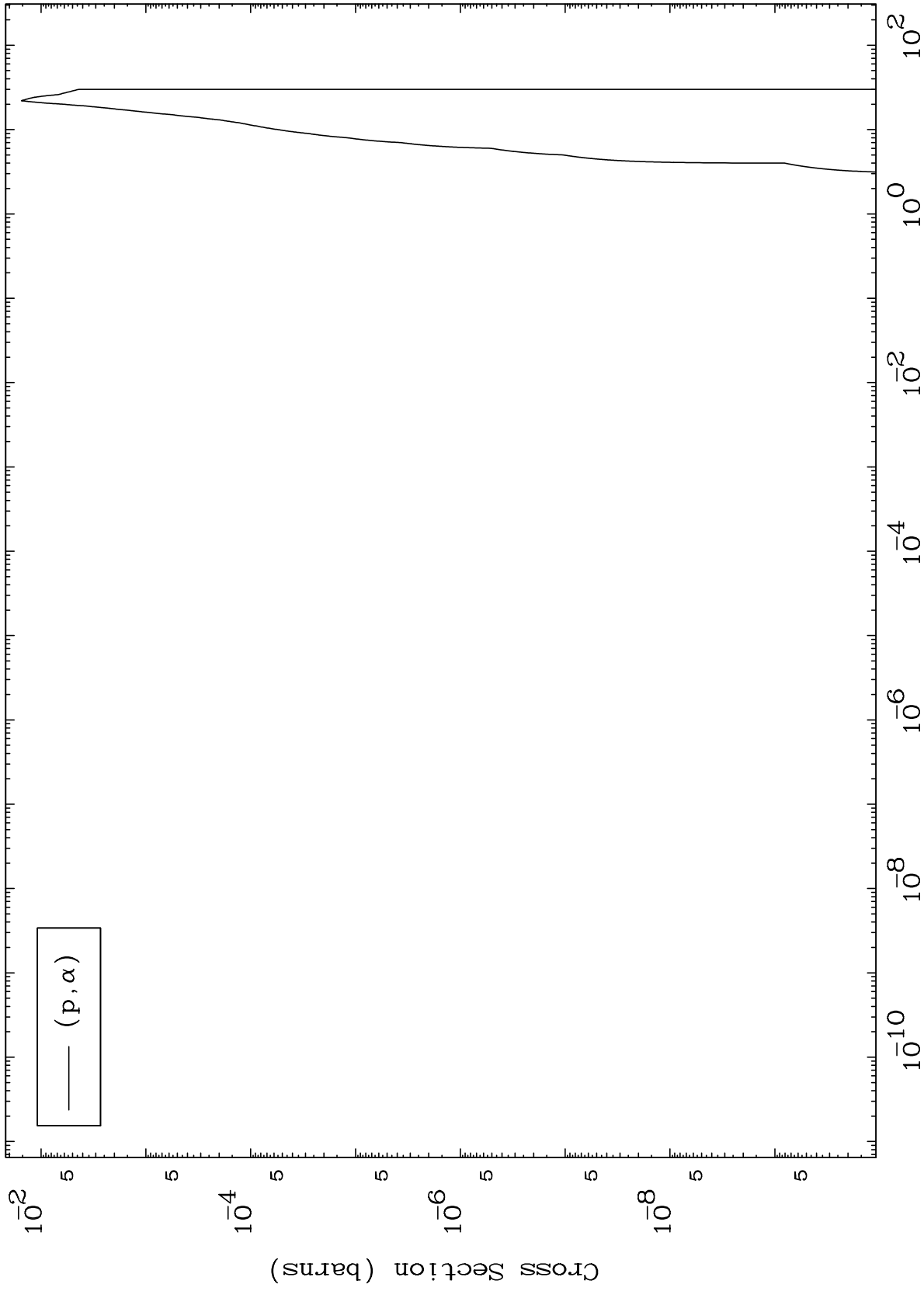
Incident Energy (MeV)

58-Ce-138

MAT 5831

(p,α) Levels  
0 Kelvin Cross Sections

58-Ce-138



10

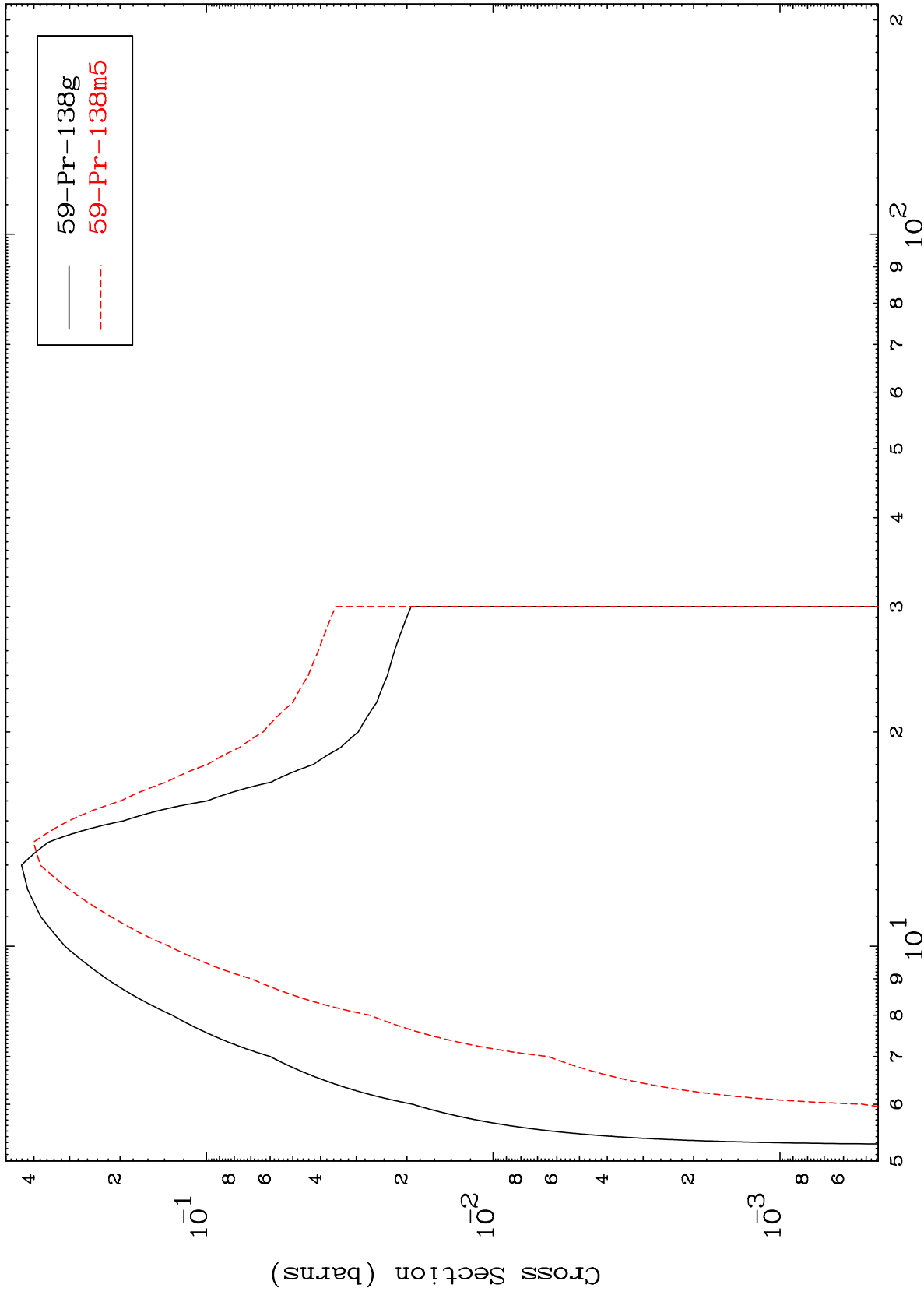
Incident Energy (MeV)

58-Ce-138

MAT 5831

Proton Inelastic  
Radionuclide Production Cross Section

58-Ce-138



11

Incident Energy (MeV)

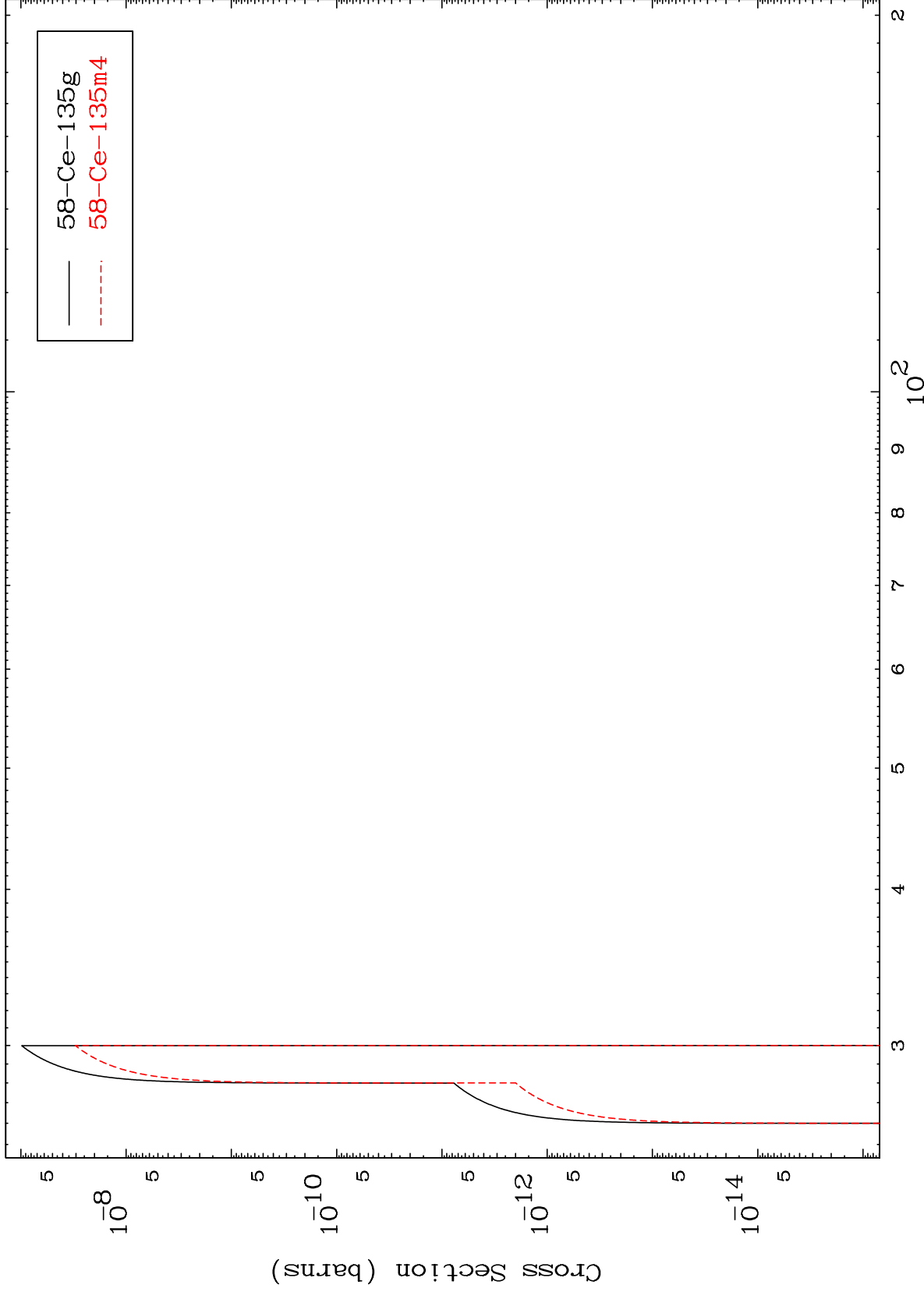
58-Ce-138

MAT 5831

(p,2n) d

58-Ce-138

Radionuclide Production Cross Section



12

Incident Energy (MeV)

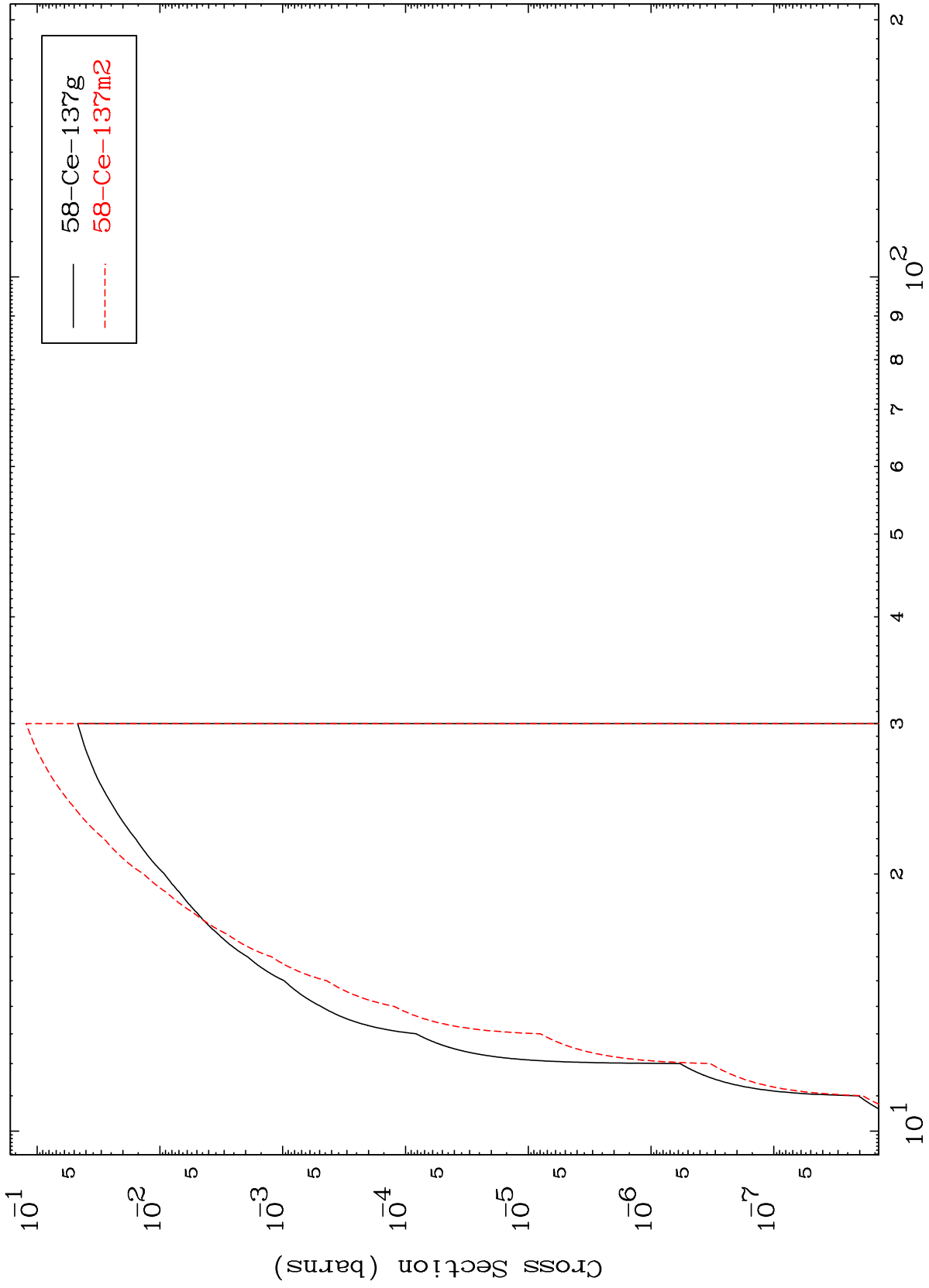
58-Ce-138

MAT 5831

(p,n') p

<sup>58</sup>Ce-<sup>138</sup>

Radionuclide Production Cross Section



13

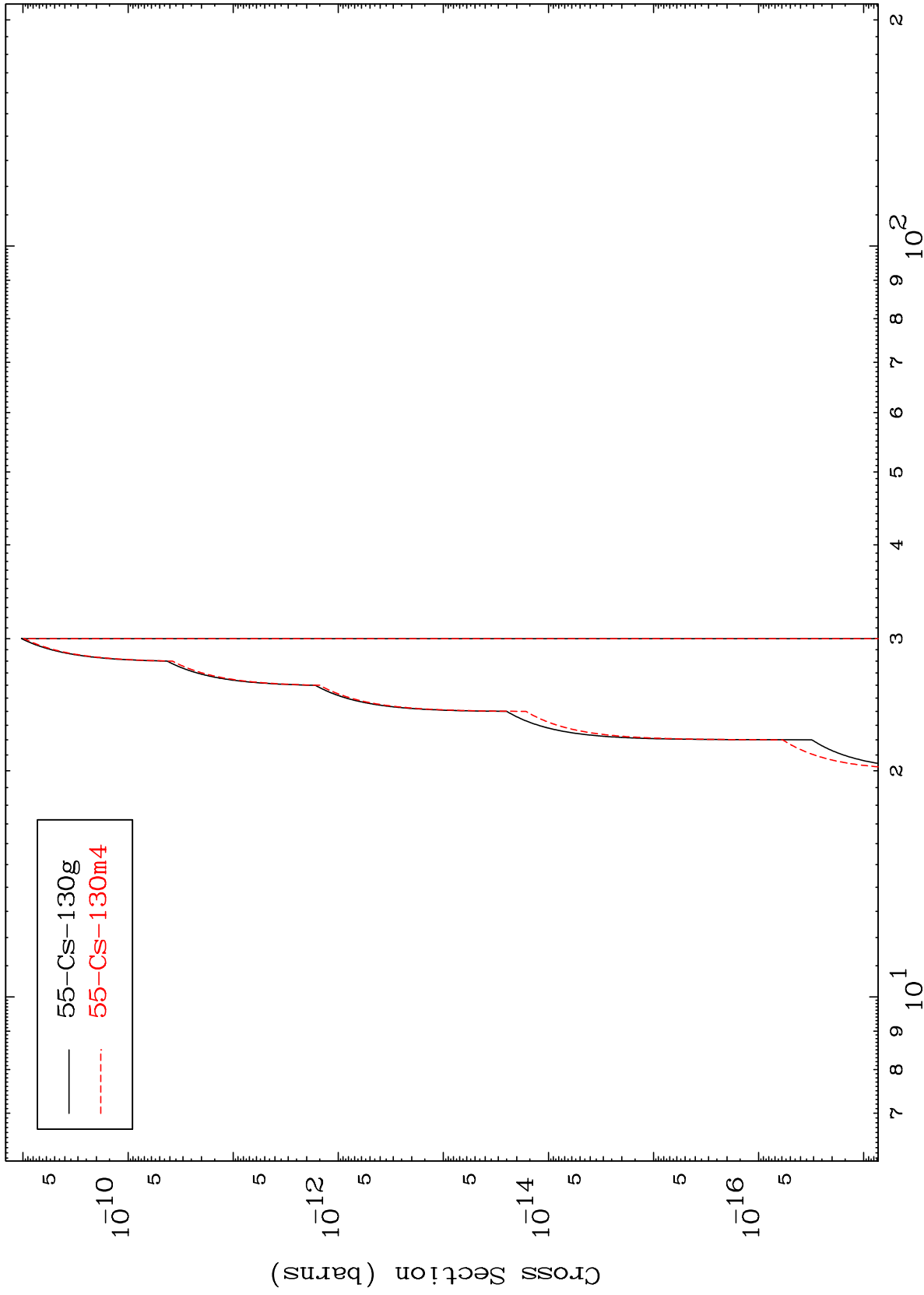
Incident Energy (MeV)

<sup>58</sup>Ce-<sup>138</sup>

MAT 5831

58-Ce-138

(p,n') 2 $\alpha$   
Radionuclide Production Cross Section



14

Incident Energy (MeV)

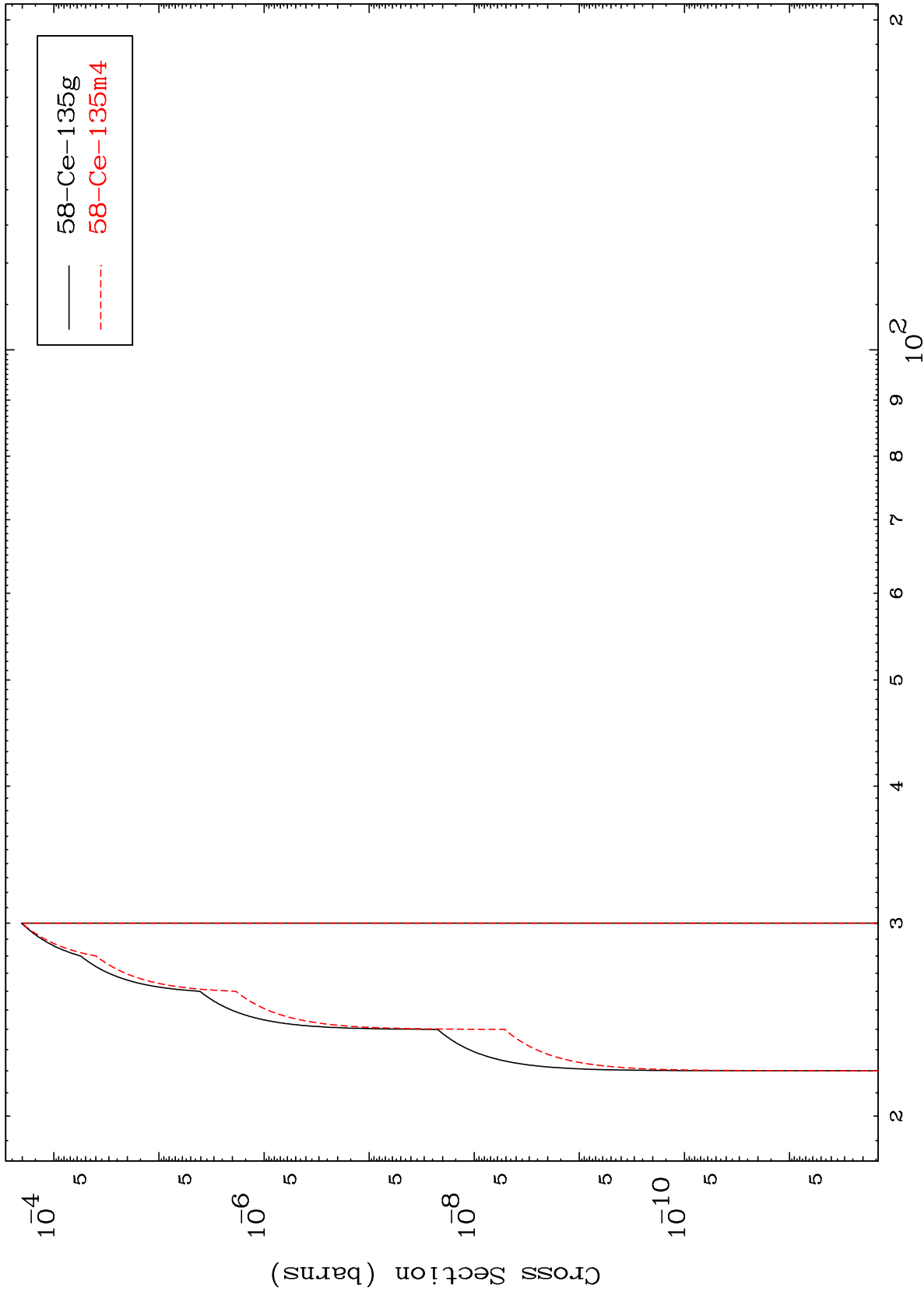
58-Ce-138

MAT 5831

(p,n') t

58-Ce-138

Radionuclide Production Cross Section



15

Incident Energy (MeV)

58-Ce-138

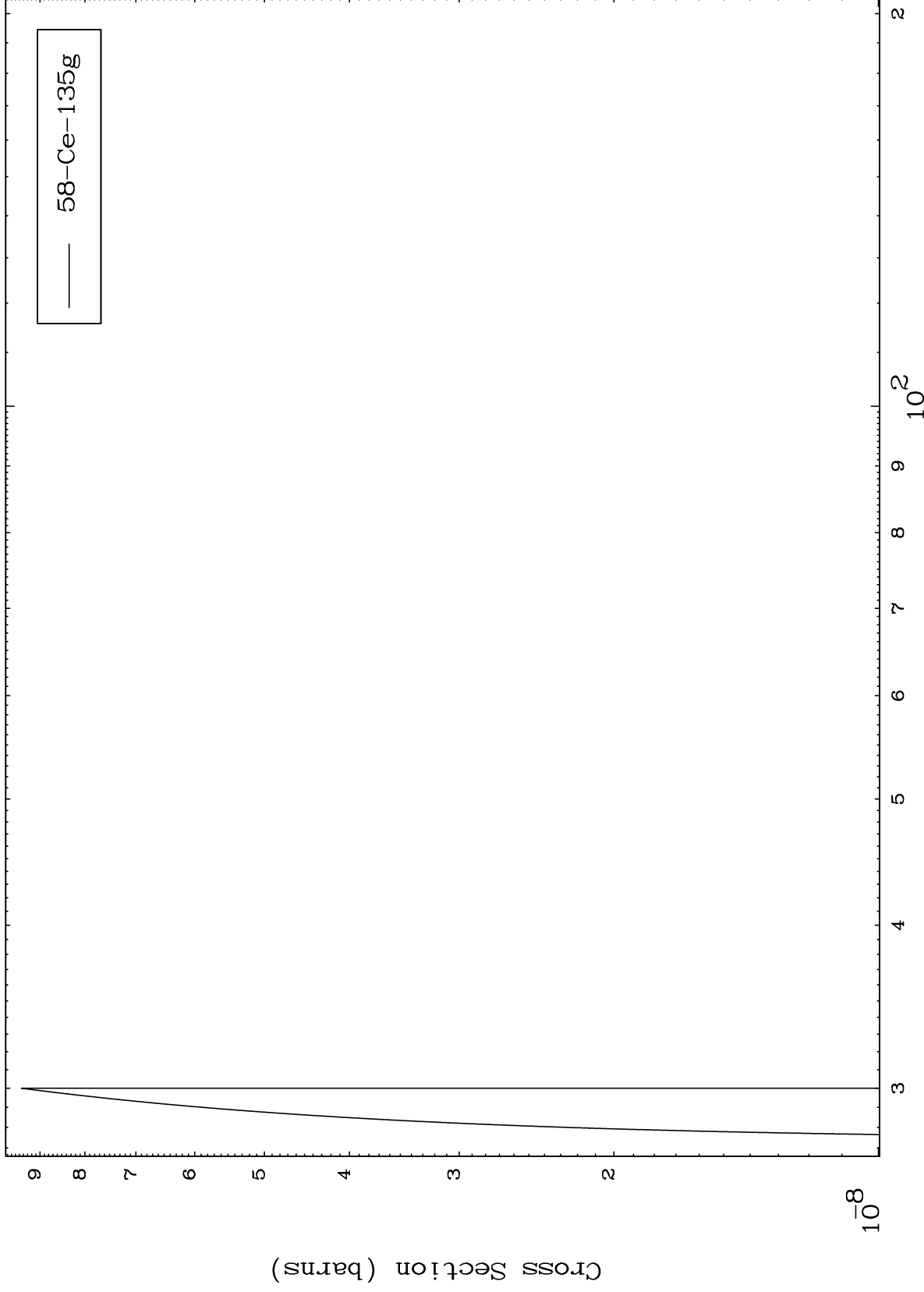


MAT 5831

(p,3n) p

58-Ce-138

Radionuclide Production Cross Section



58-Ce-135g

16

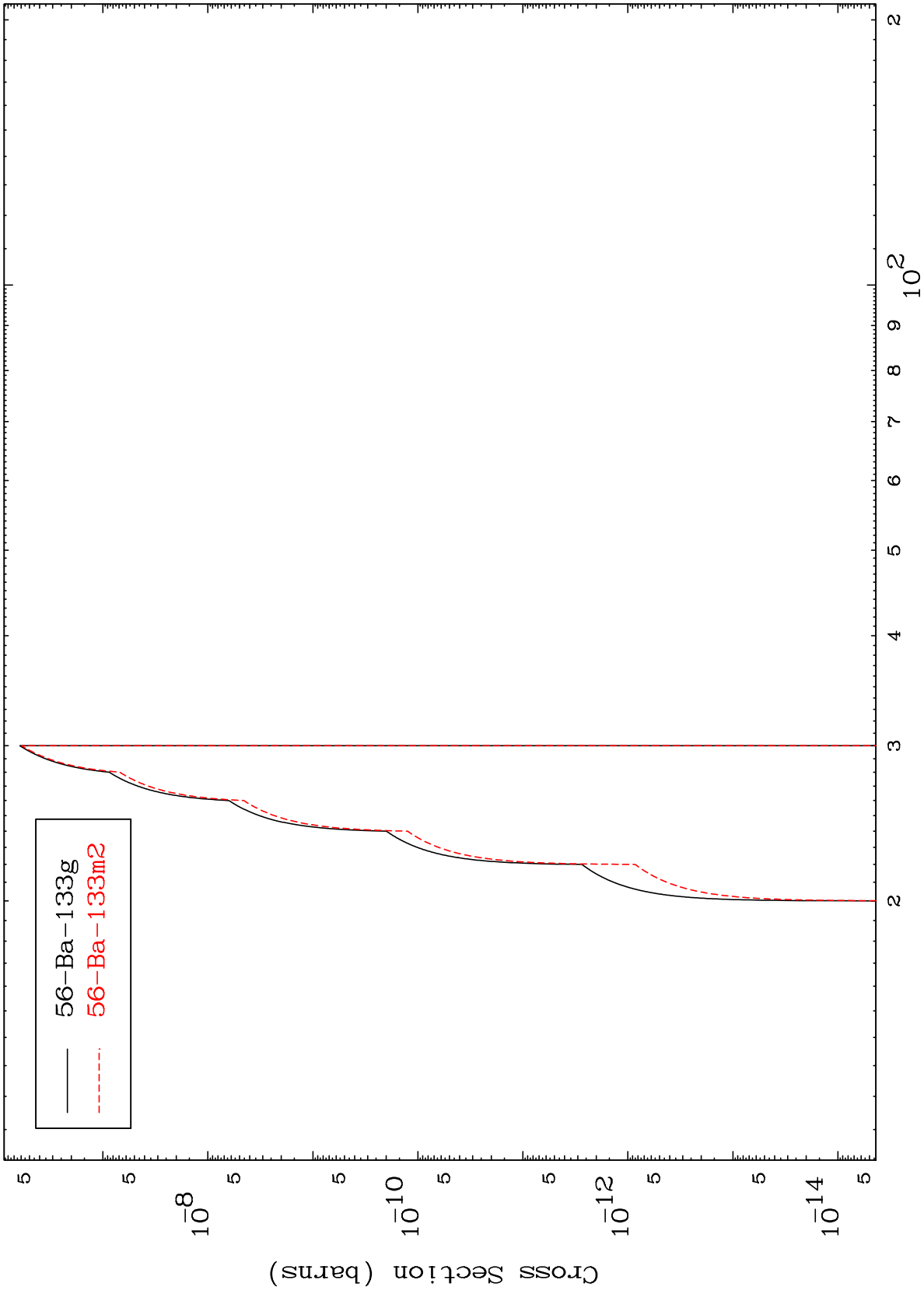
Incident Energy (MeV)

58-Ce-138

MAT 5831

58-Ce-138

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



17

58-Ce-138

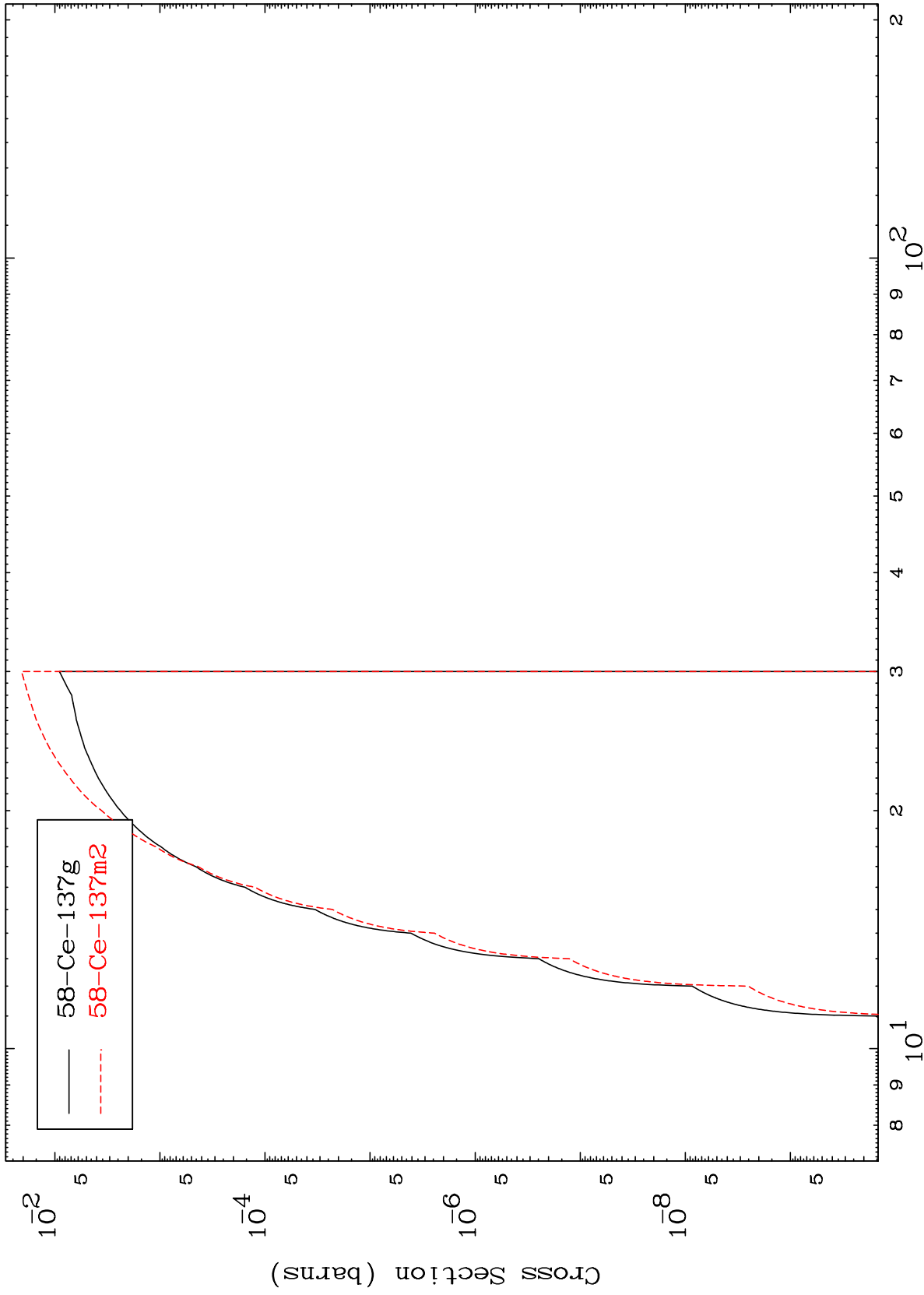
Incident Energy (MeV)

MAT 5831

(p,d)

58-Ce-138

Radionuclide Production Cross Section



18

Incident Energy (MeV)

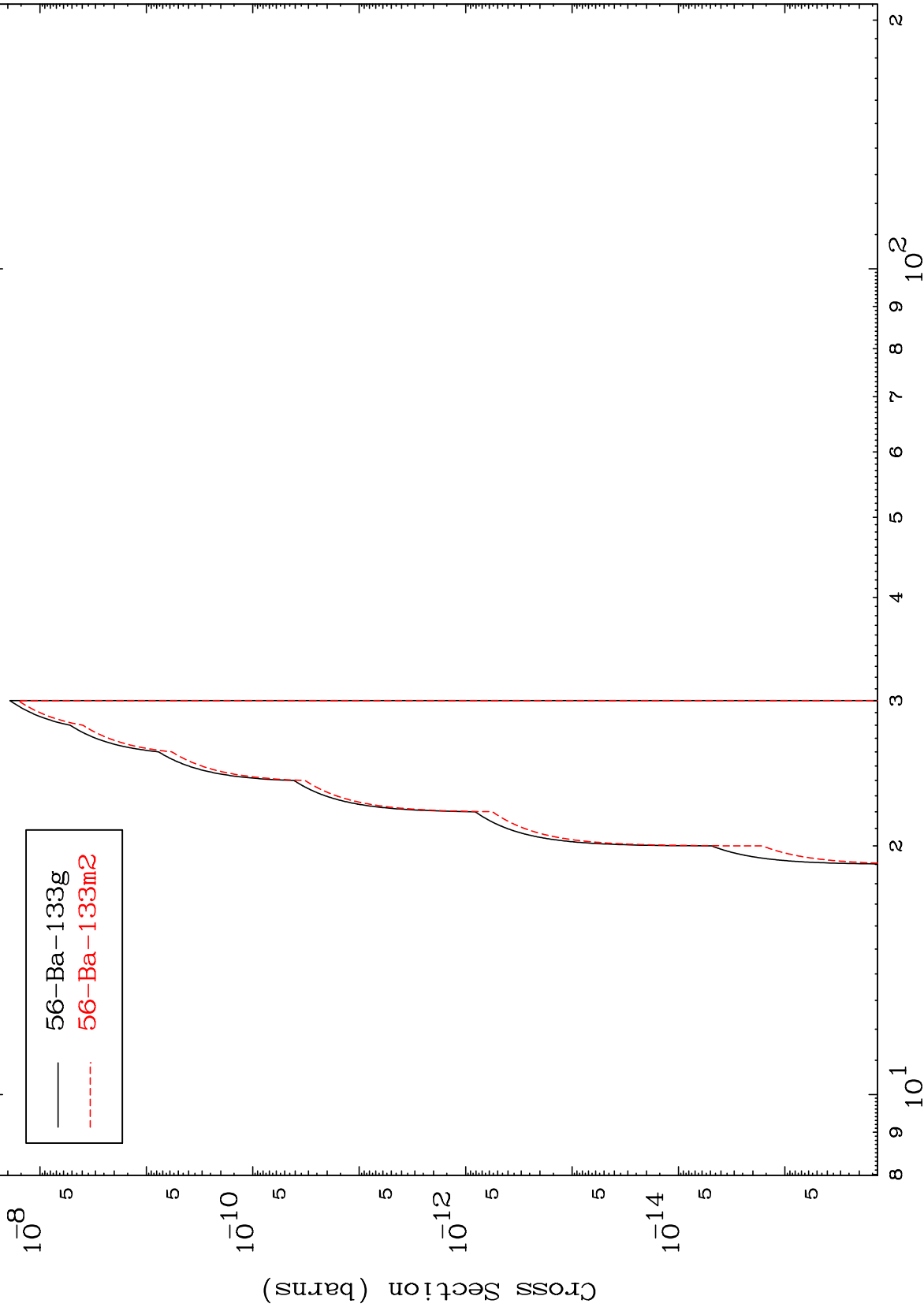
58-Ce-138

MAT 5831

(p,d)  $\alpha$

58-Ce-138

Radionuclide Production Cross Section



56-Ba-133g  
56-Ba-133m2

19

Incident Energy (MeV)

58-Ce-138