

Program EVALPLOT
(Version 2021-1)

by

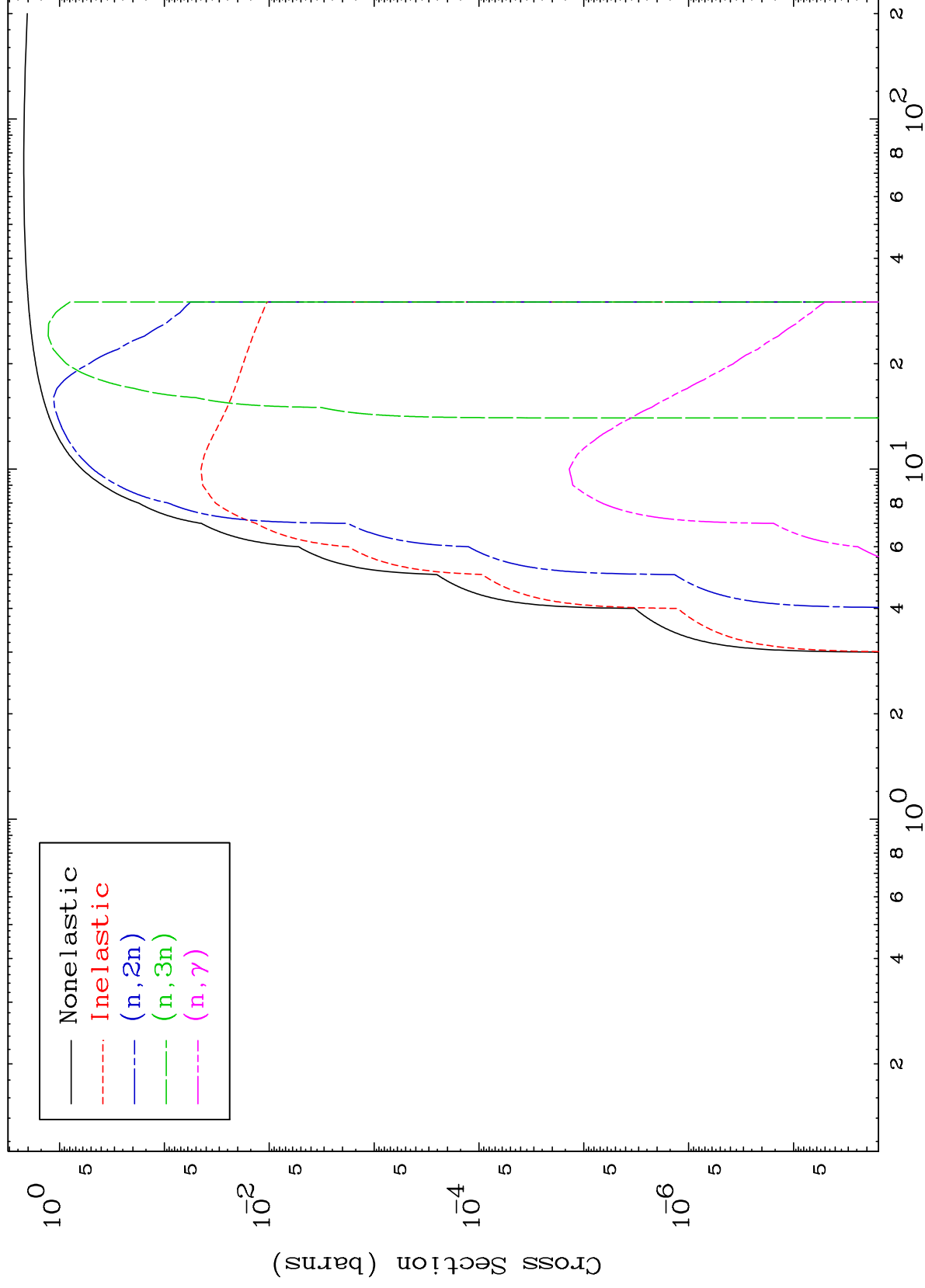
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(Present Contact Information)
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Livermore, CA 94550
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Tele: 925-443-1911

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

Press Mouse Button to Start

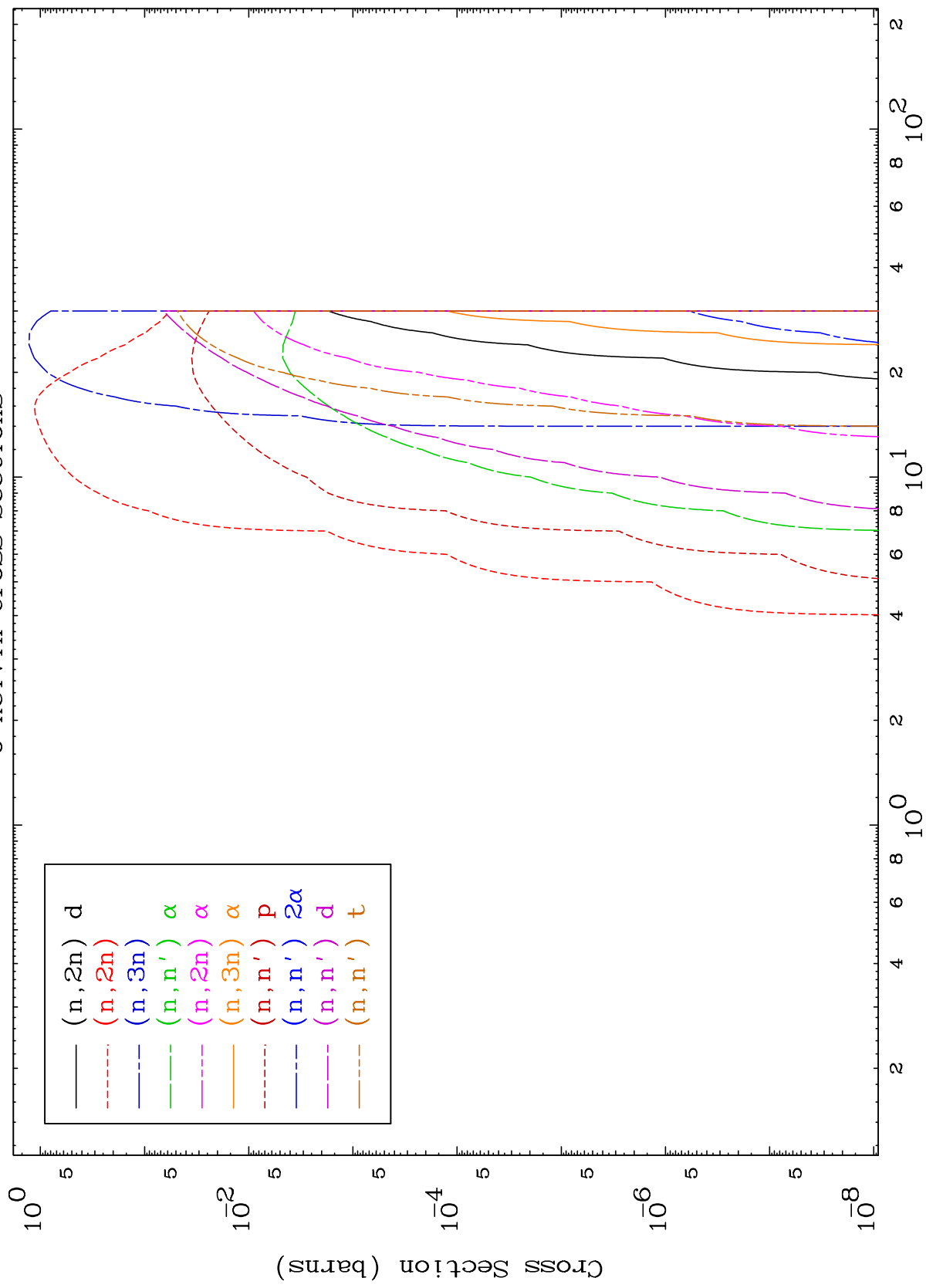
0 Kelvin Cross Sections



MAT 5831

Triton Neutron Absorption
0 Kelvin Cross Sections

58-Ce-138



2

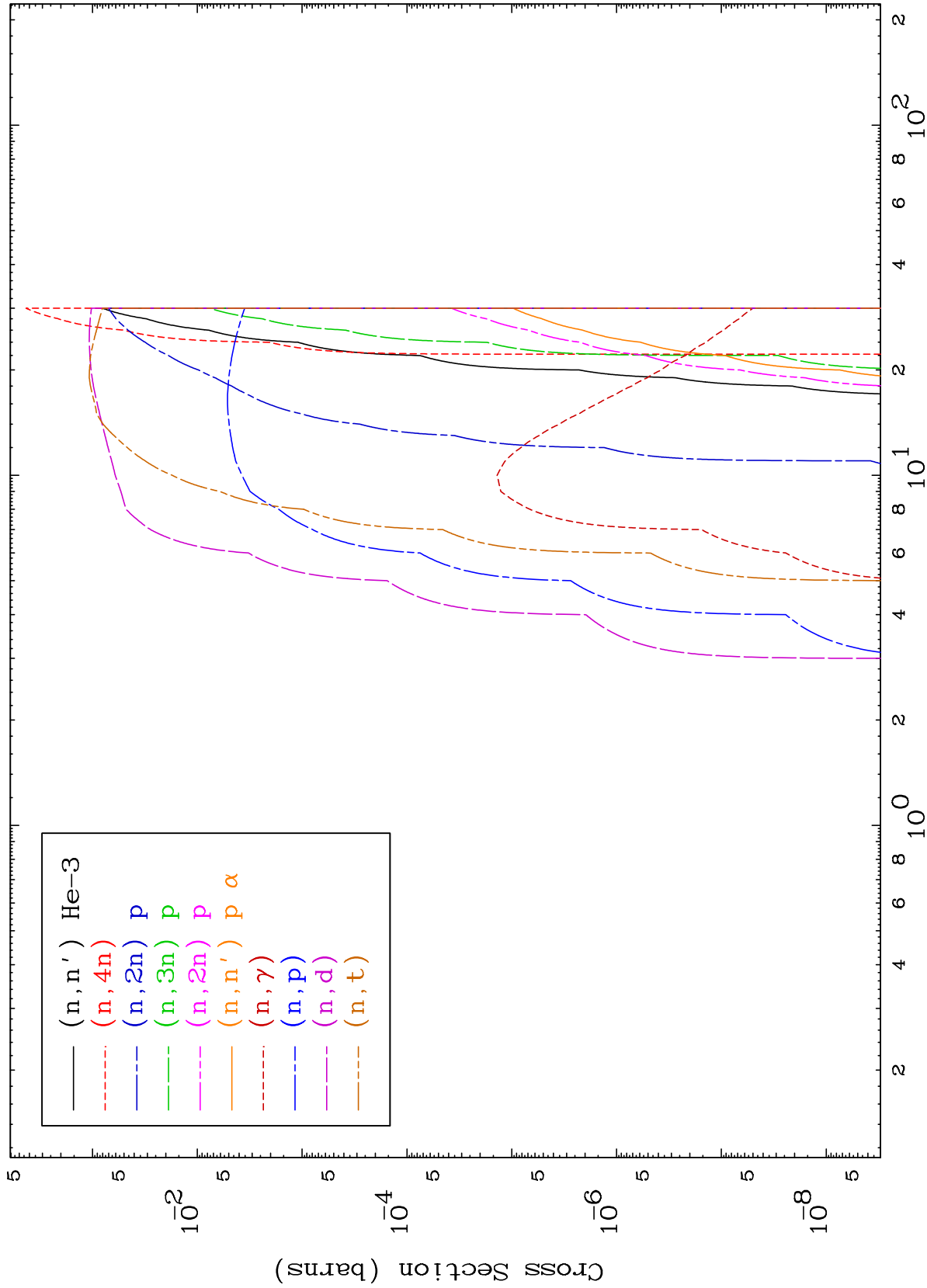
Incident Energy (MeV)

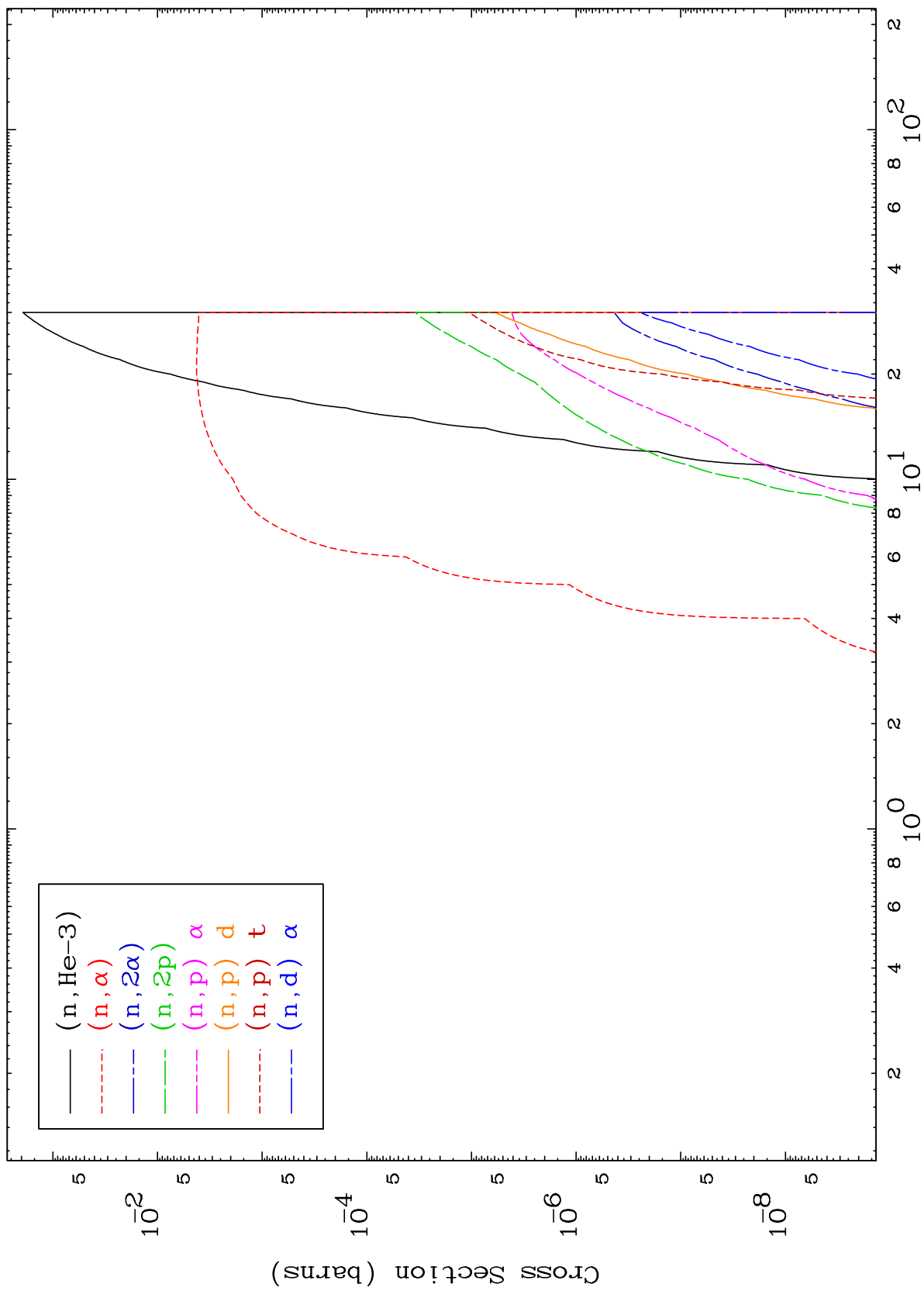
58-Ce-138

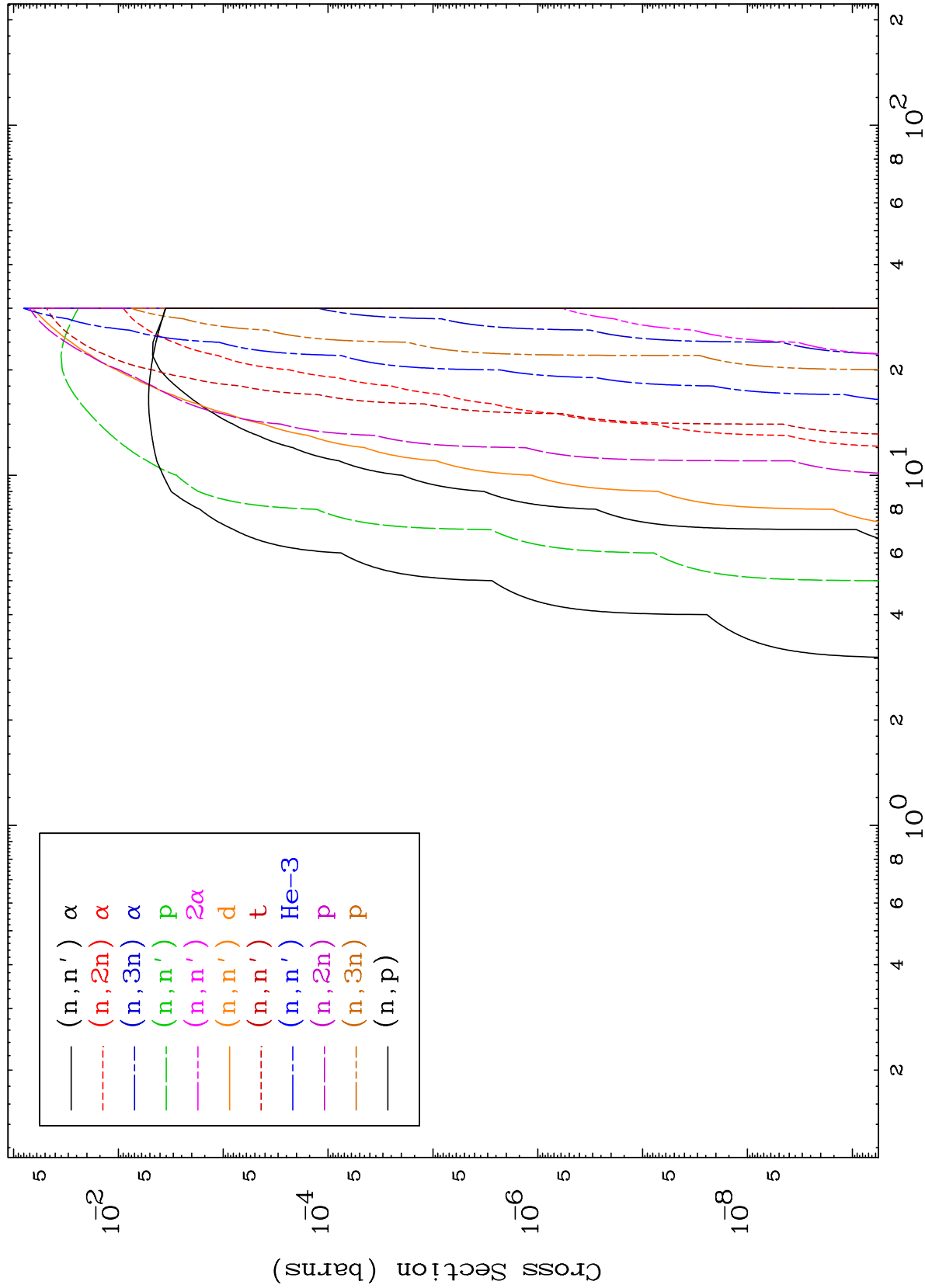
MAT 5831

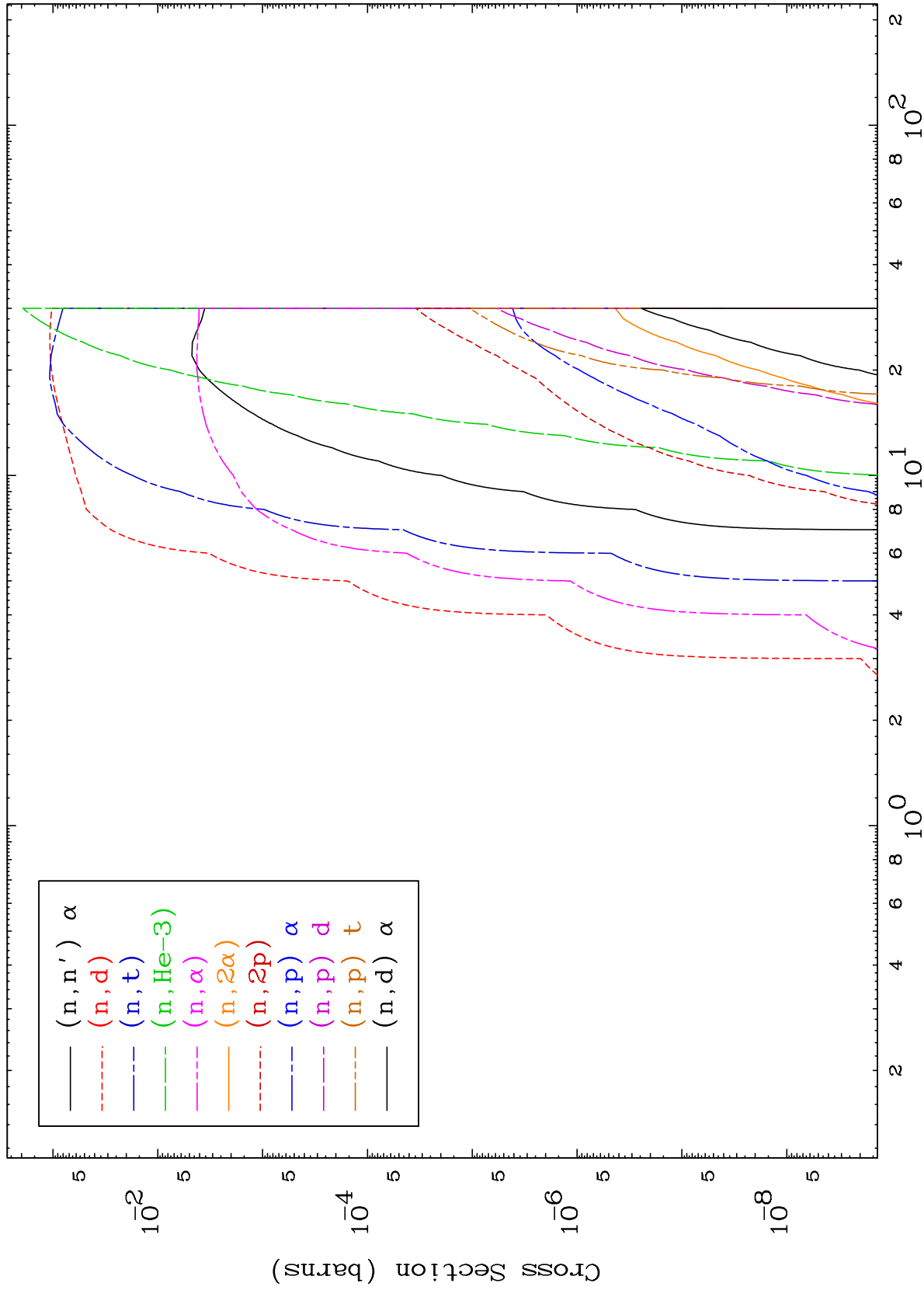
Triton Neutron Absorption
0 Kelvin Cross Sections

58-Ce-138







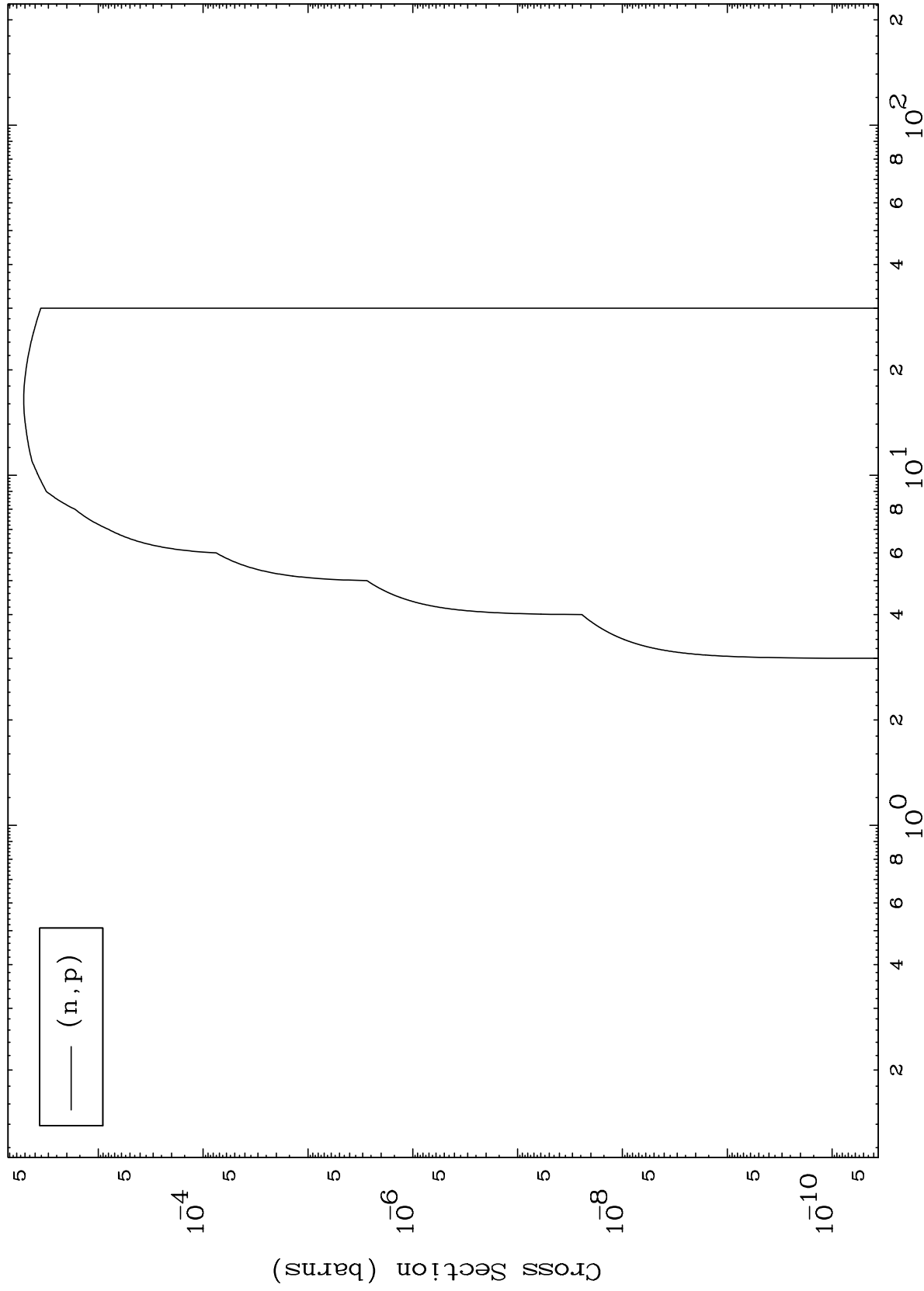


MAT 5831

(t,p) Levels

58-Ce-138

0 Kelvin Cross Sections



7

Incident Energy (MeV)

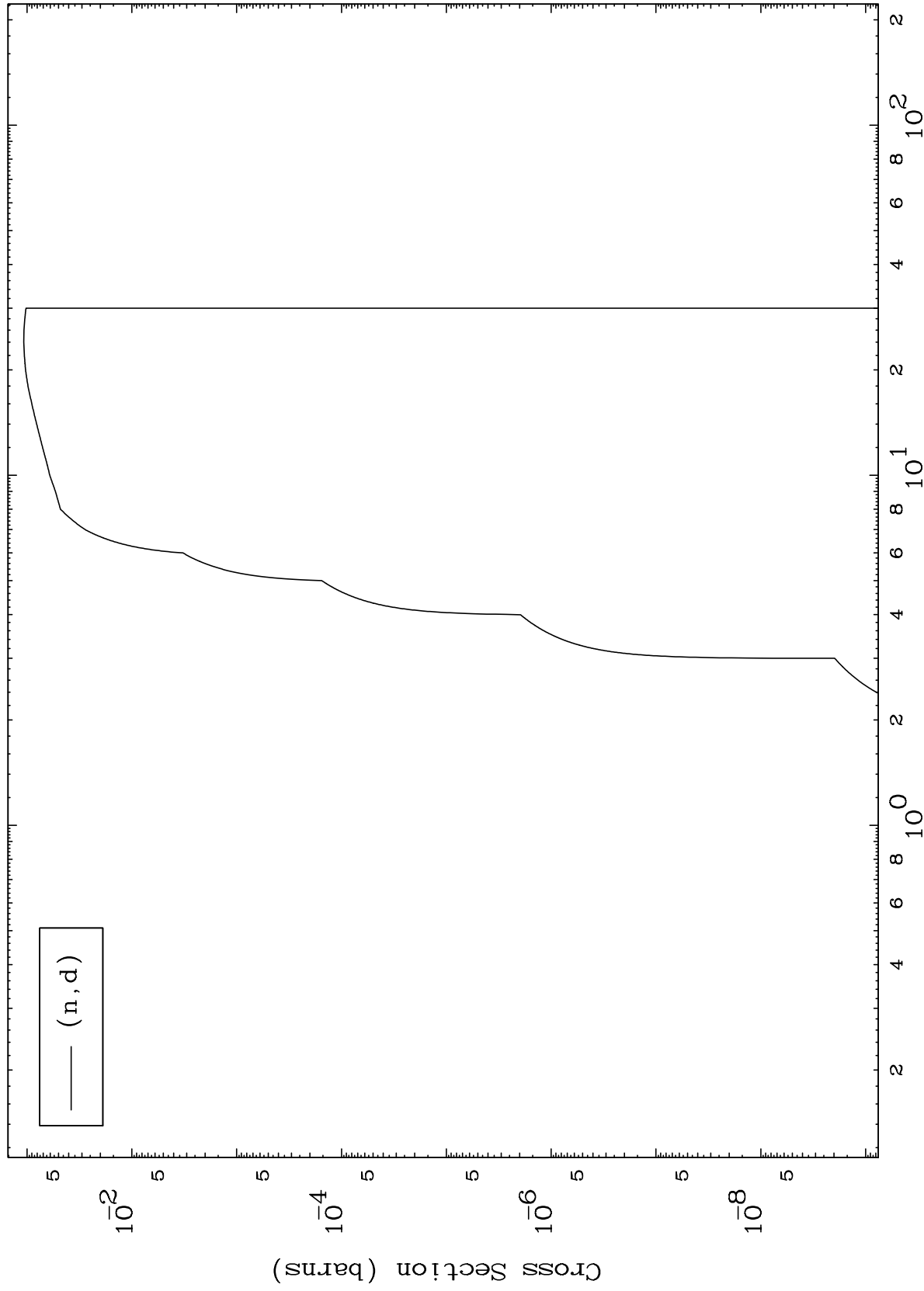
58-Ce-138

MAT 5831

(t,d) Levels

58-Ce-138

0 Kelvin Cross Sections



8

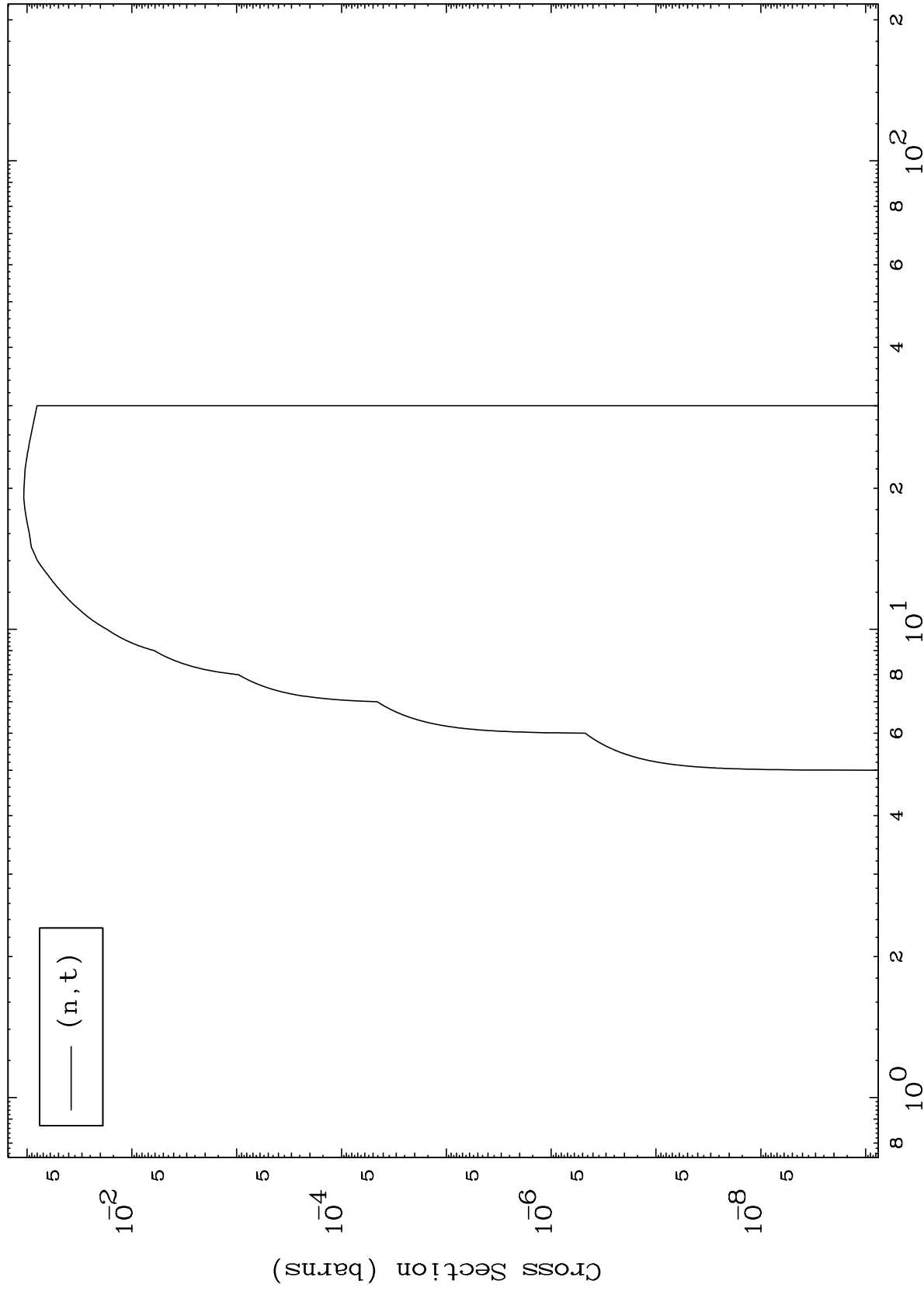
Incident Energy (MeV)

58-Ce-138

MAT 5831

58-Ce-138

(t,t) Levels
0 Kelvin Cross Sections



9

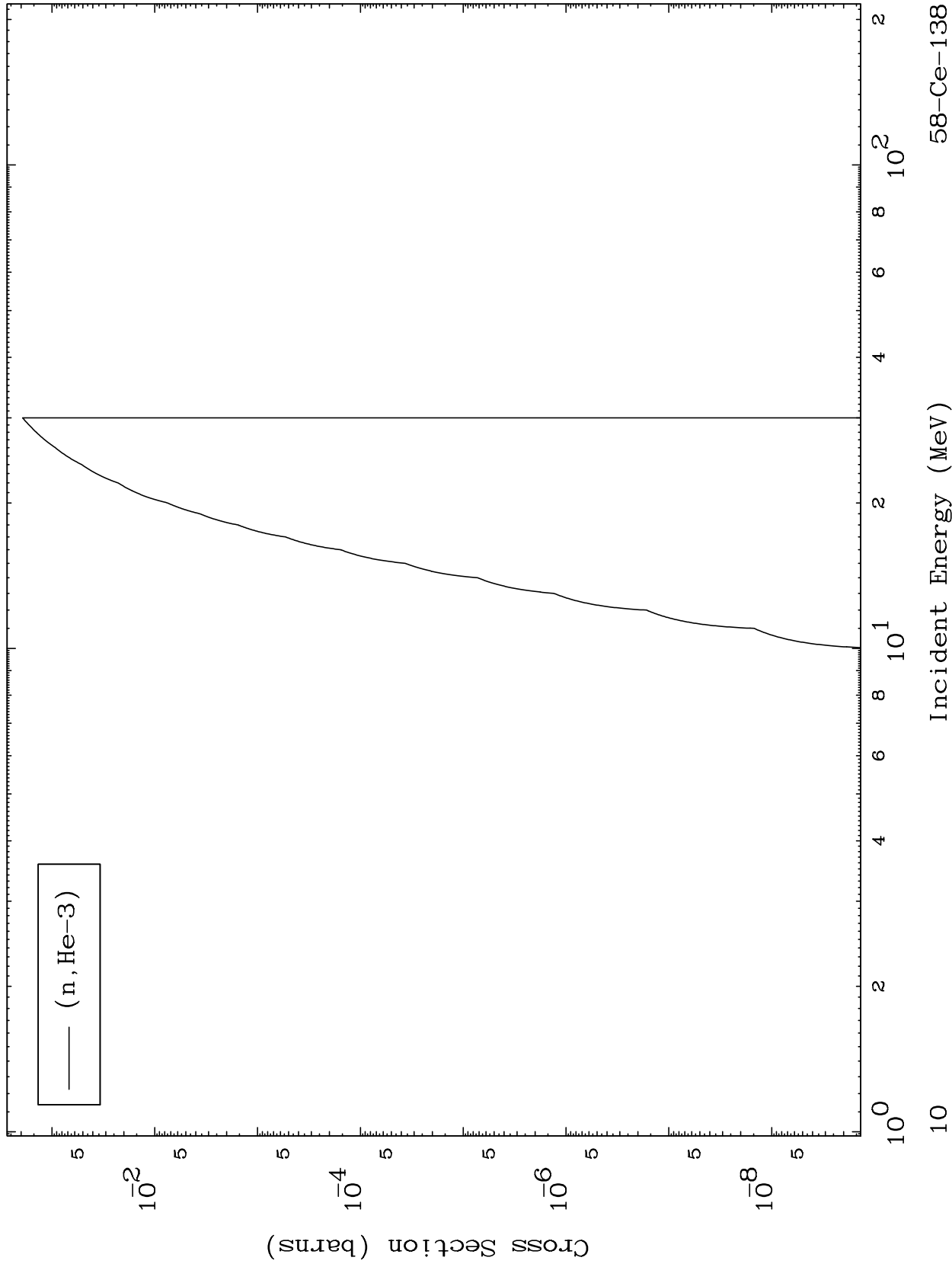
Incident Energy (MeV)

58-Ce-138

MAT 5831

(t,He3) Levels
0 Kelvin Cross Sections

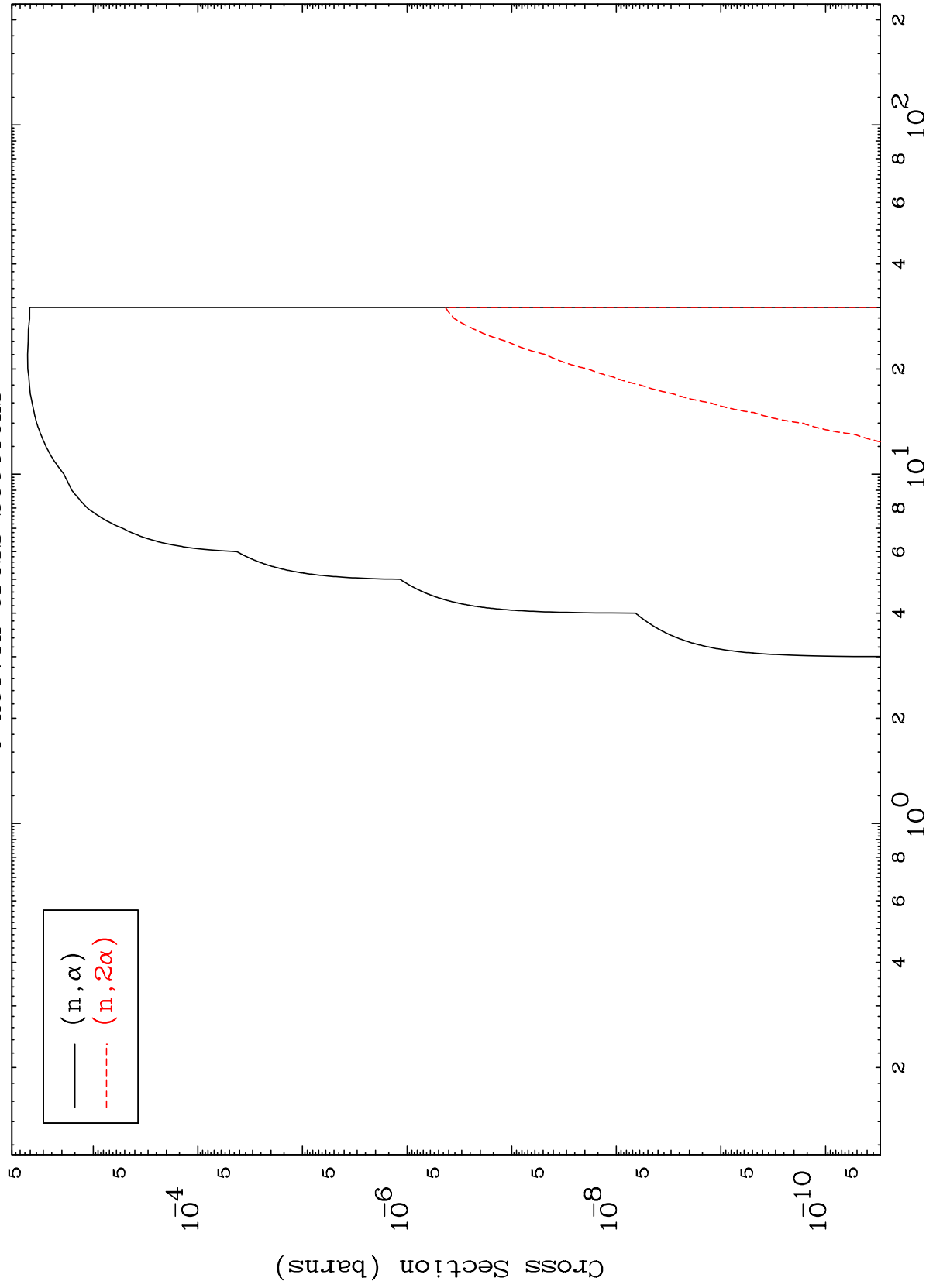
58-Ce-138



Incident Energy (MeV)

58-Ce-138

(t, α) Levels
0 Kelvin Cross Sections

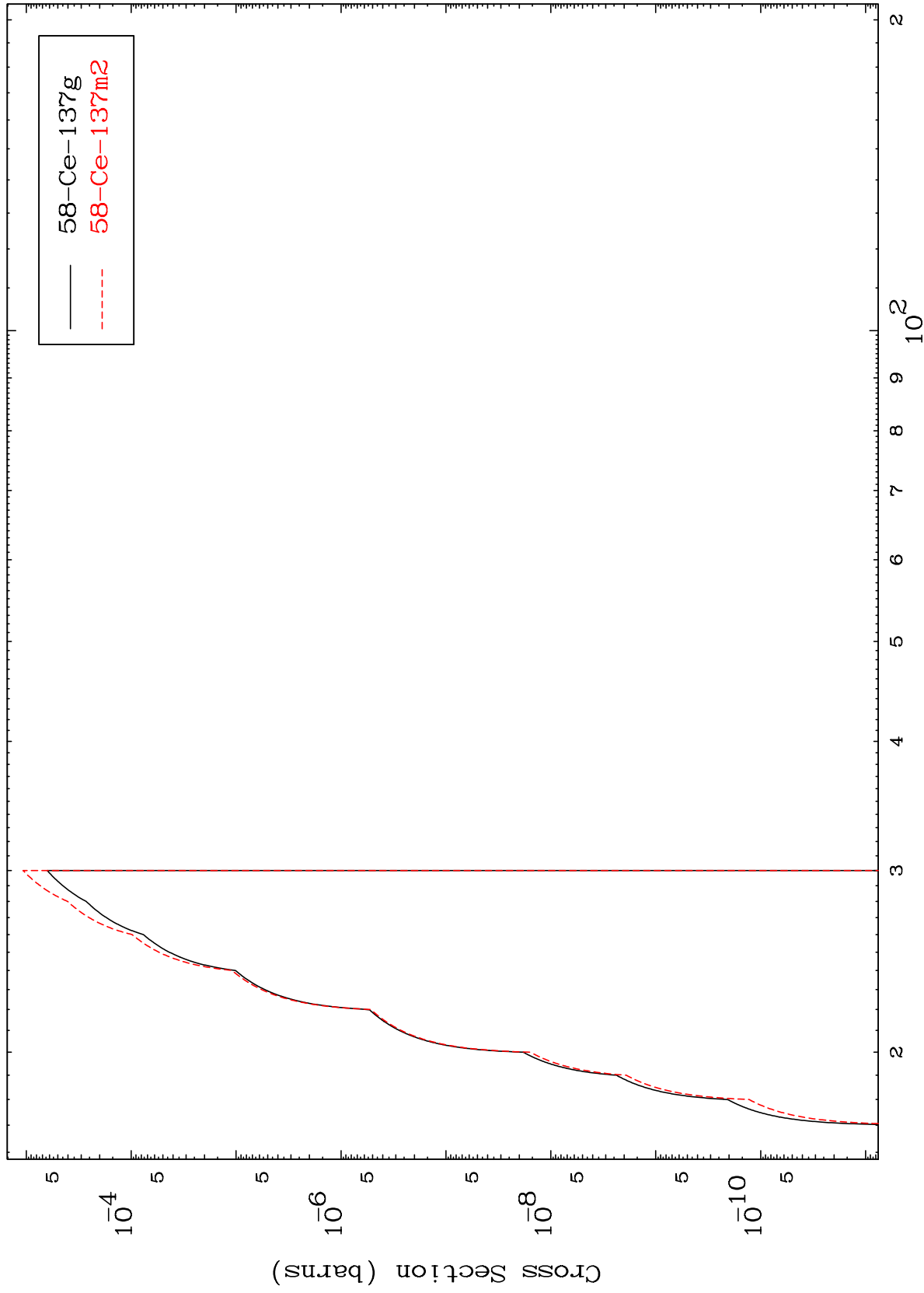


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(n,2n) d

58-Ce-138

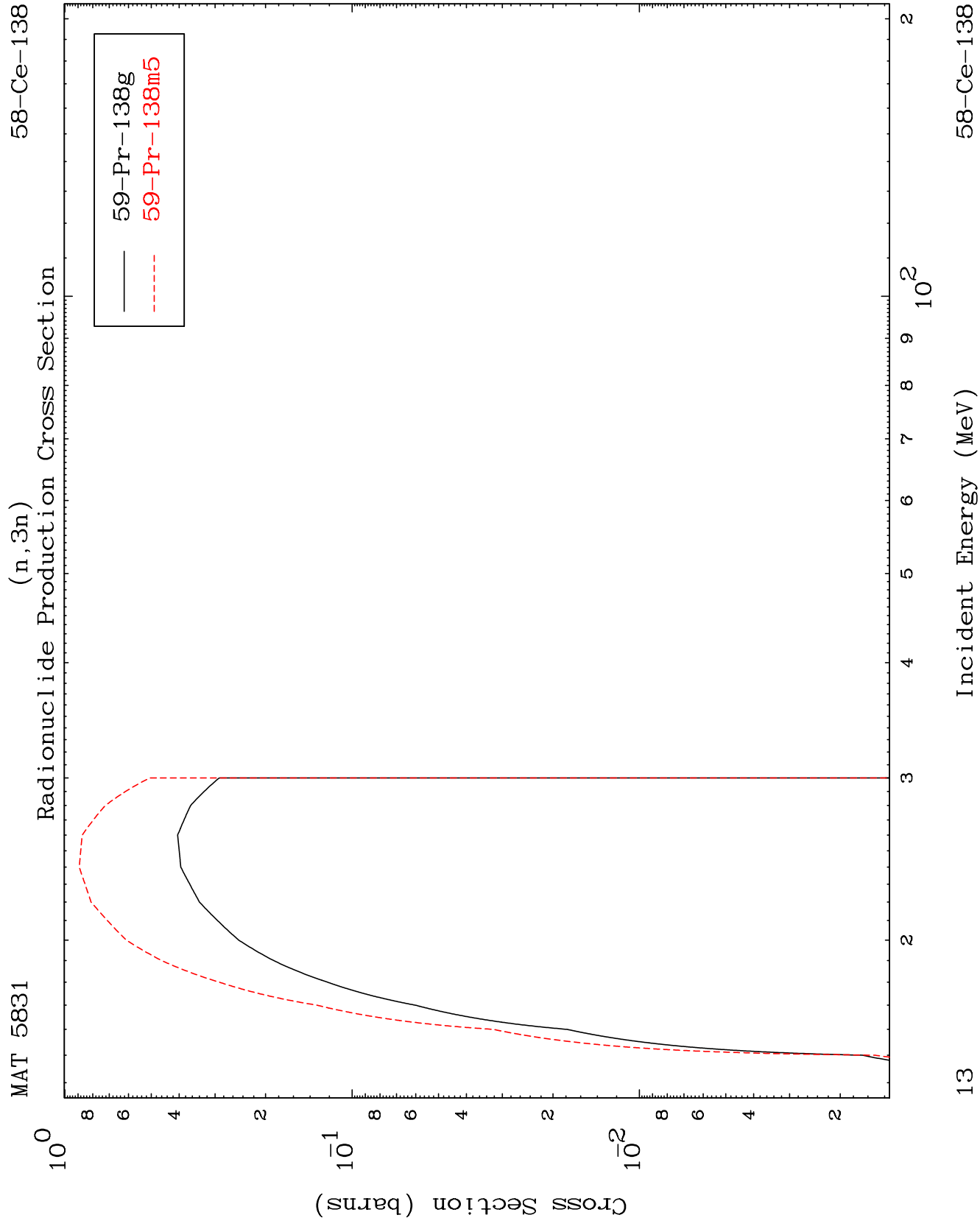
Radionuclide Production Cross Section



12

Incident Energy (MeV)

58-Ce-138

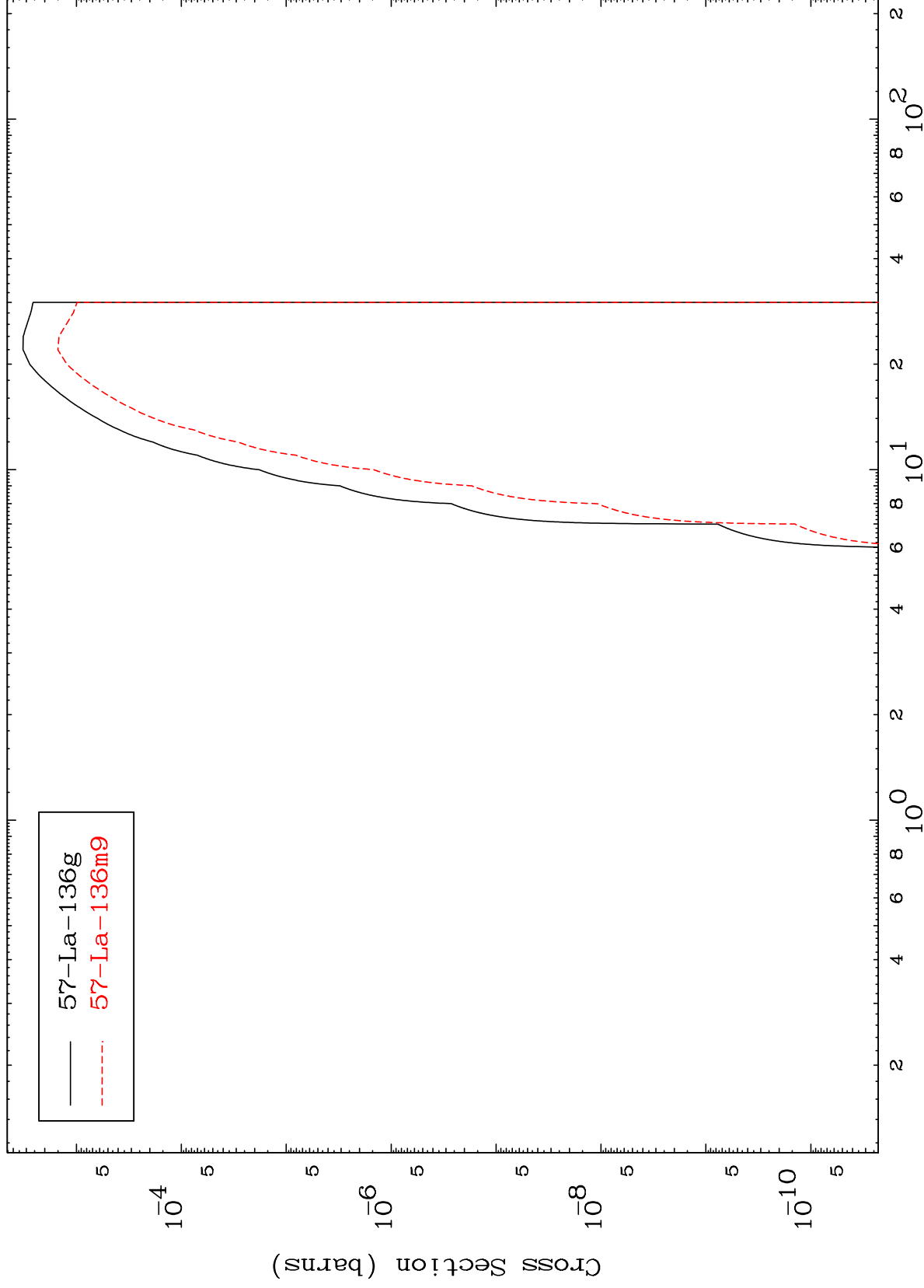


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$(n,n') \alpha$

58-Ce-138

Radionuclide Production Cross Section



14

Incident Energy (MeV)

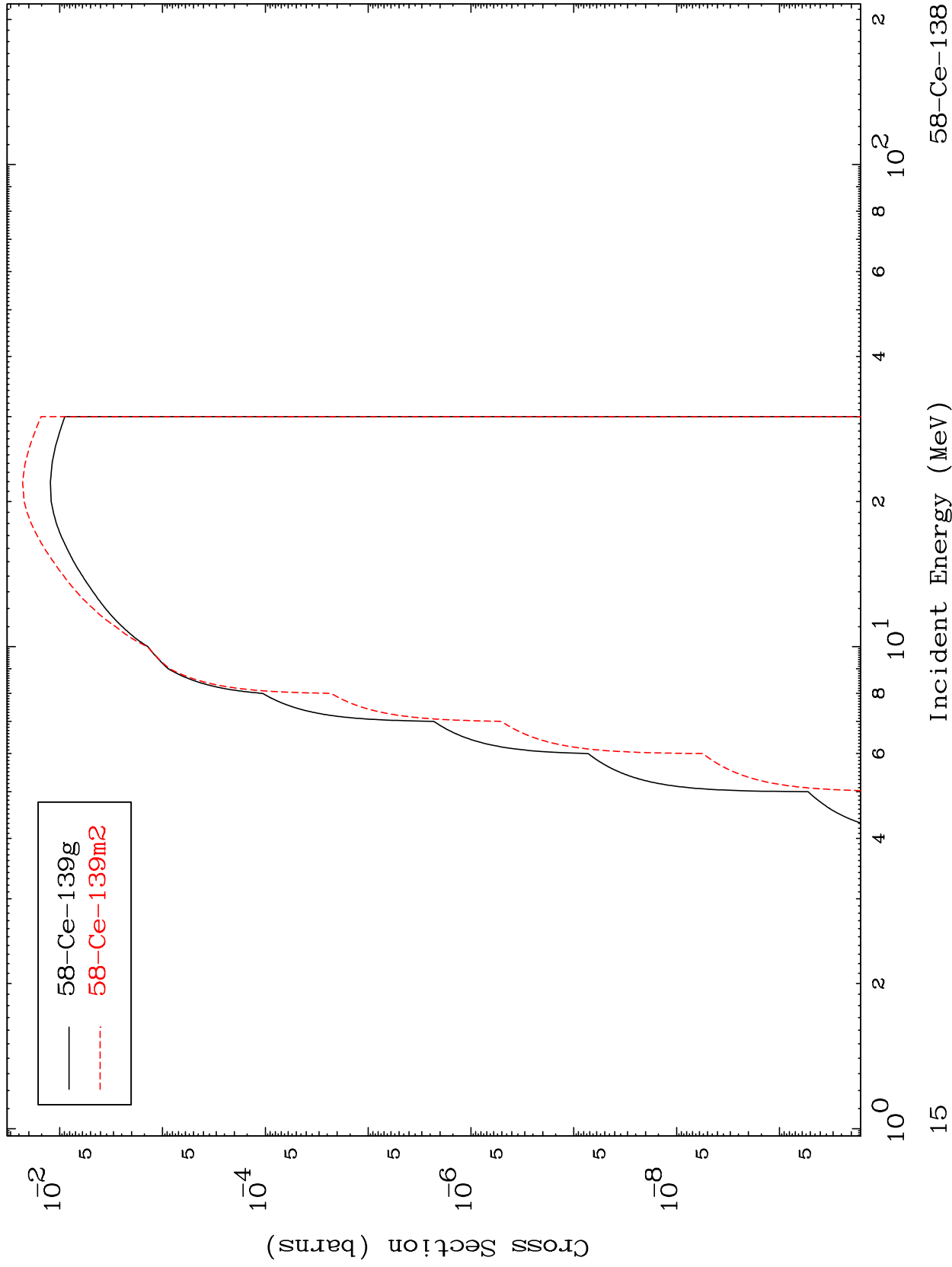
58-Ce-138

MAT 5831

(n,n') p

58-Ce-138

Radionuclide Production Cross Section

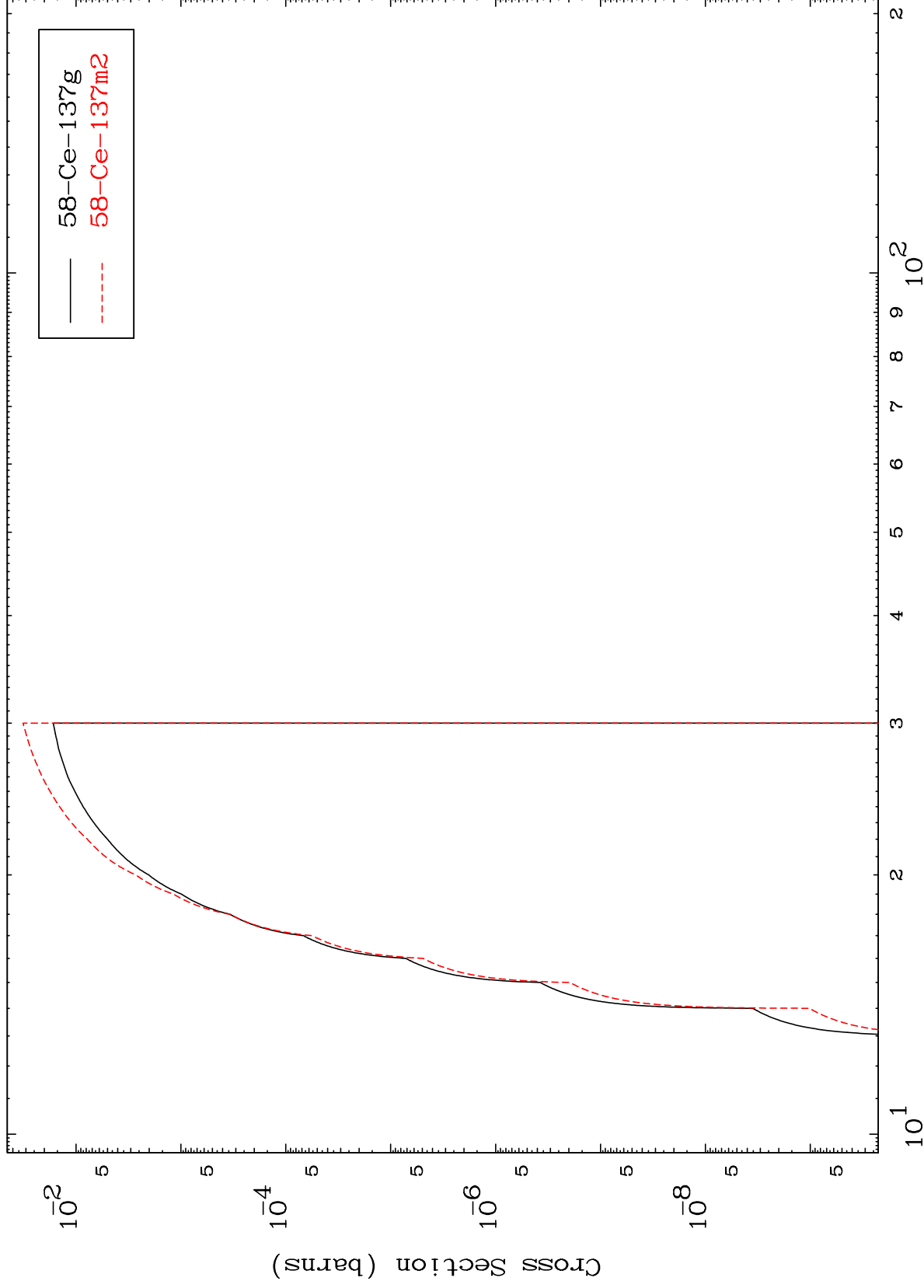


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(n,n') t

58-Ce-138

Radionuclide Production Cross Section



Incident Energy (MeV)

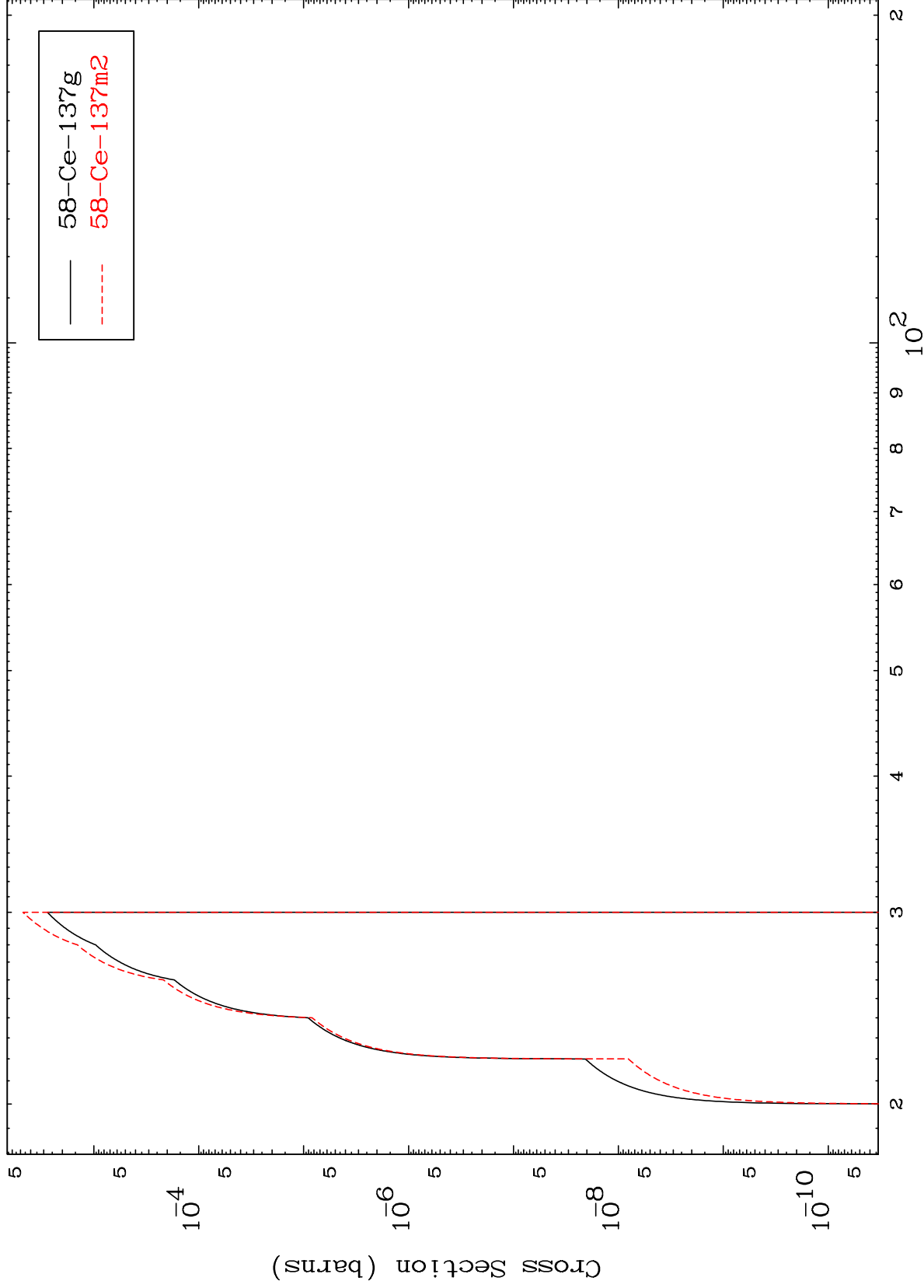
58-Ce-138

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(n,3n) p

58-Ce-138

Radionuclide Production Cross Section



17

Incident Energy (MeV)

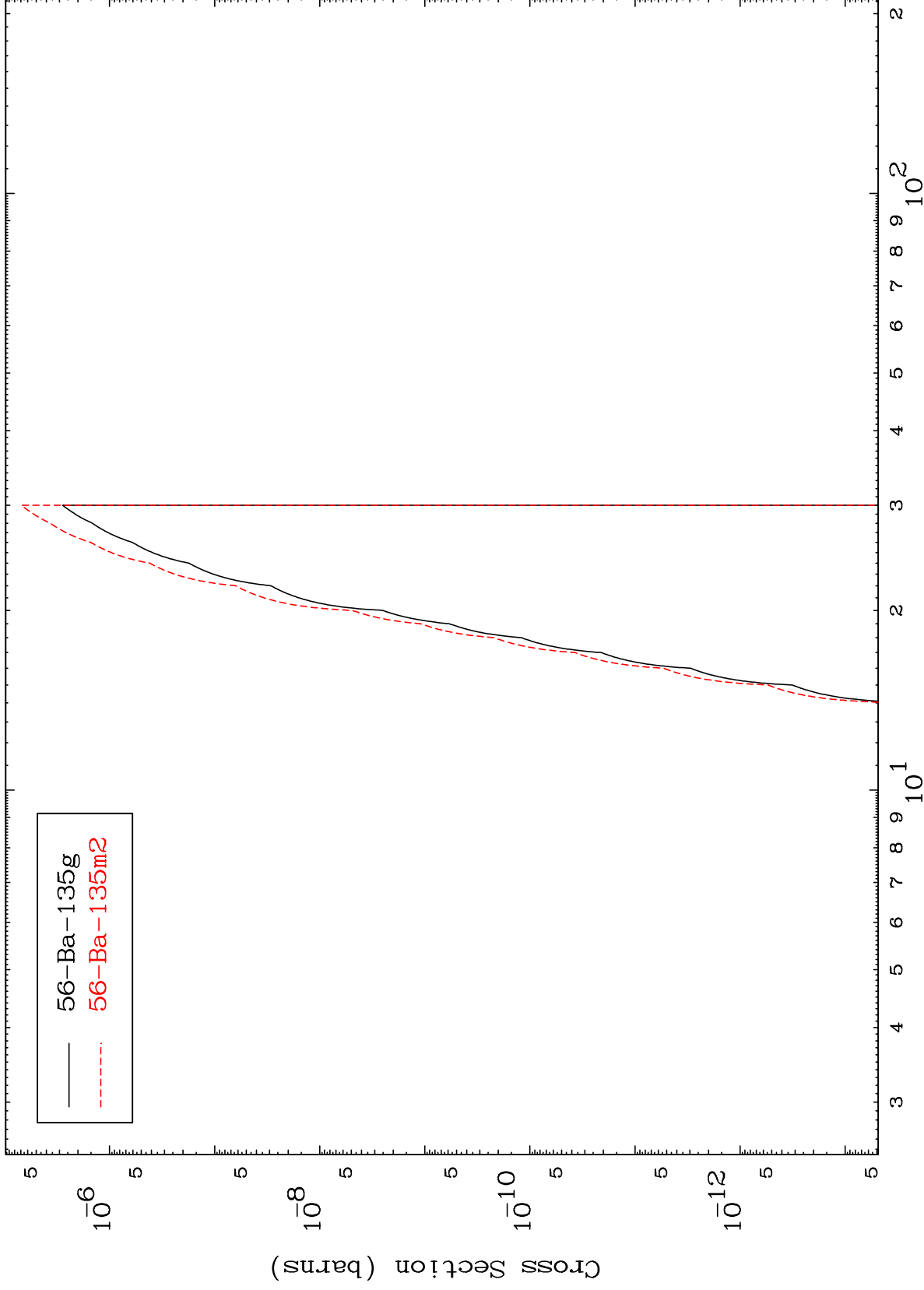
58-Ce-138

MAT 5831

(n,n') p α

58-Ce-138

Radionuclide Production Cross Section



18

Incident Energy (MeV)

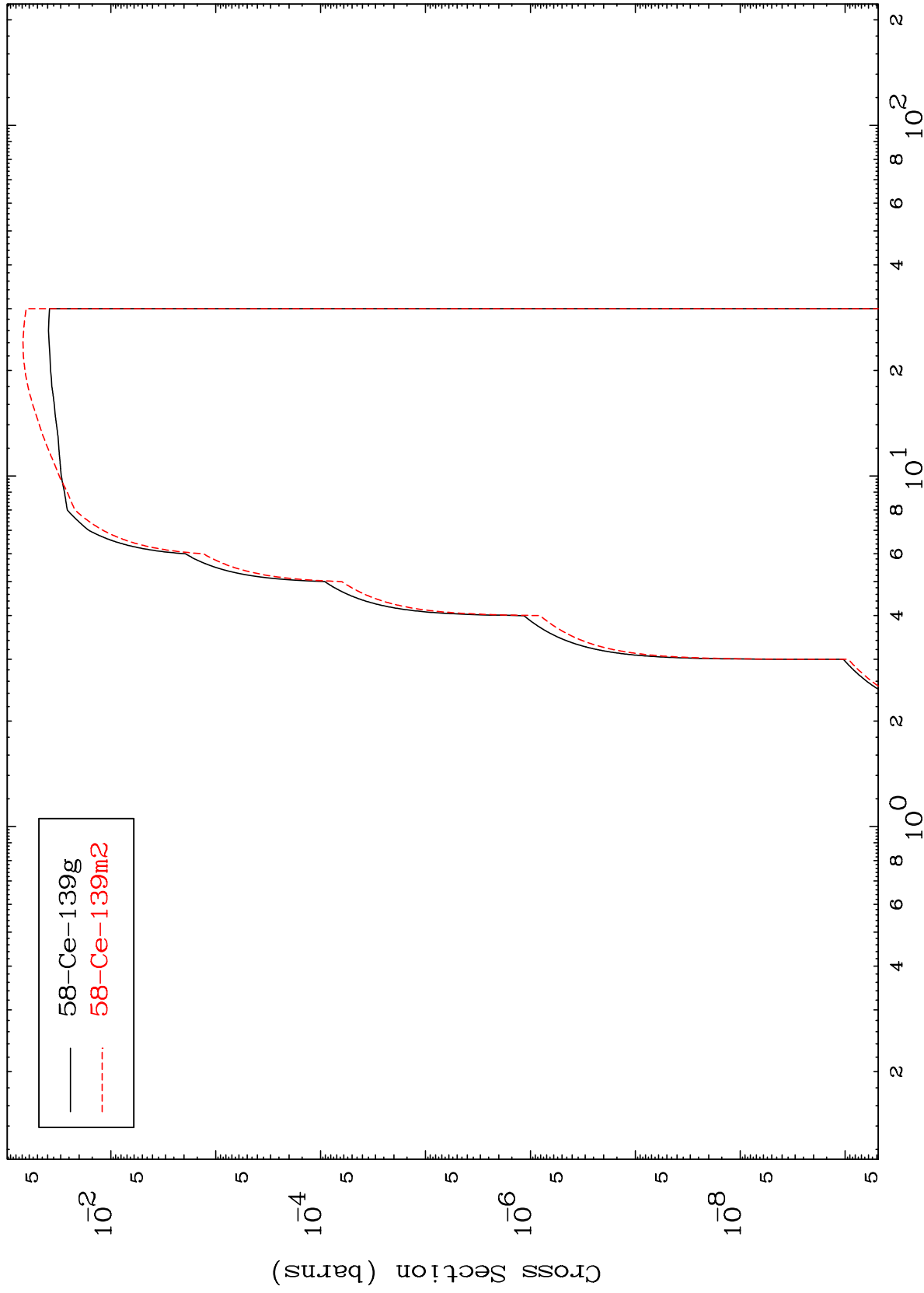
58-Ce-138

MAT 5831

(n,d)

58-Ce-138

Radionuclide Production Cross Section



19

Incident Energy (MeV)

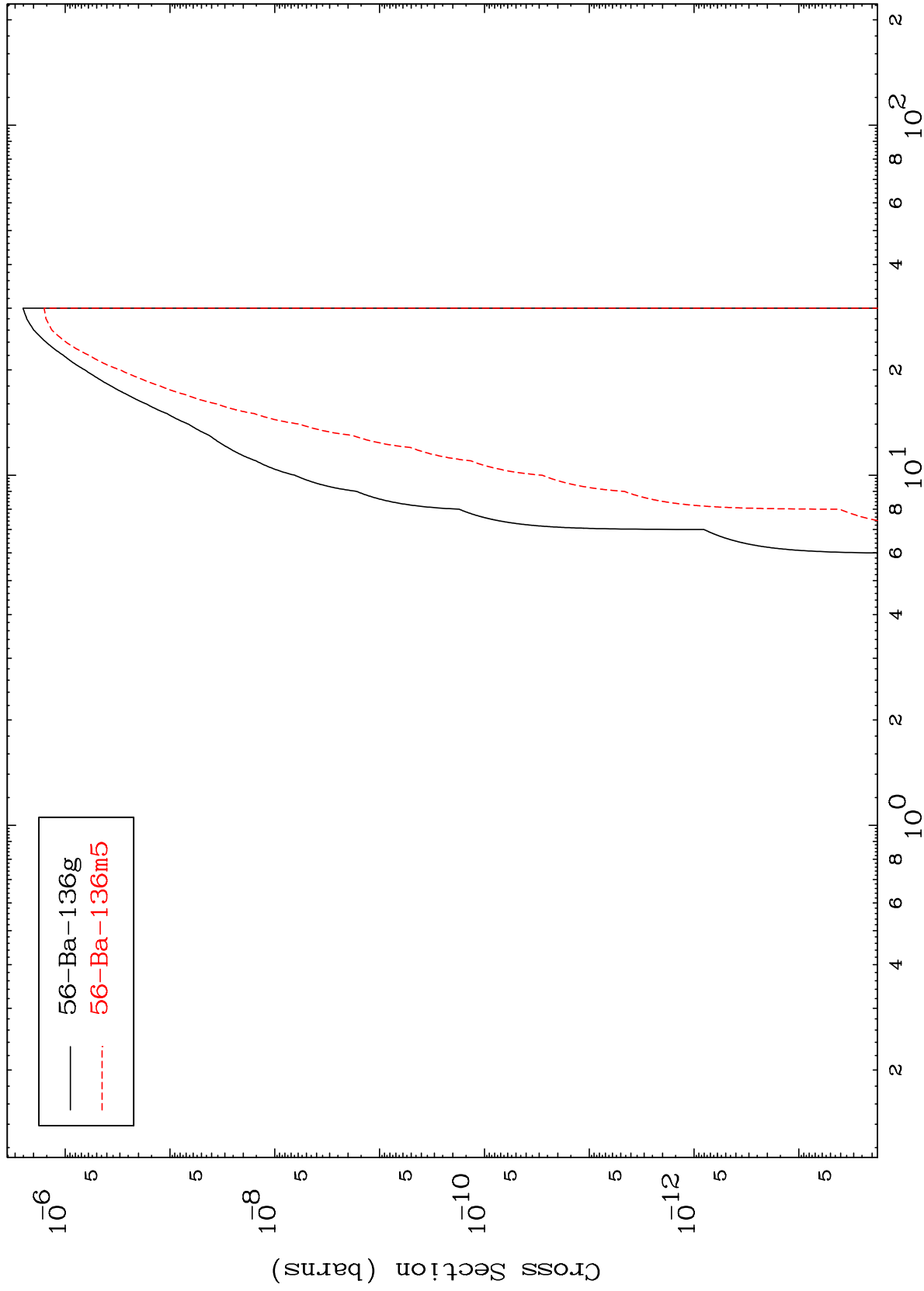
58-Ce-138

MAT 5831

(n,p) α

58-Ce-138

Radionuclide Production Cross Section



20

Incident Energy (MeV)

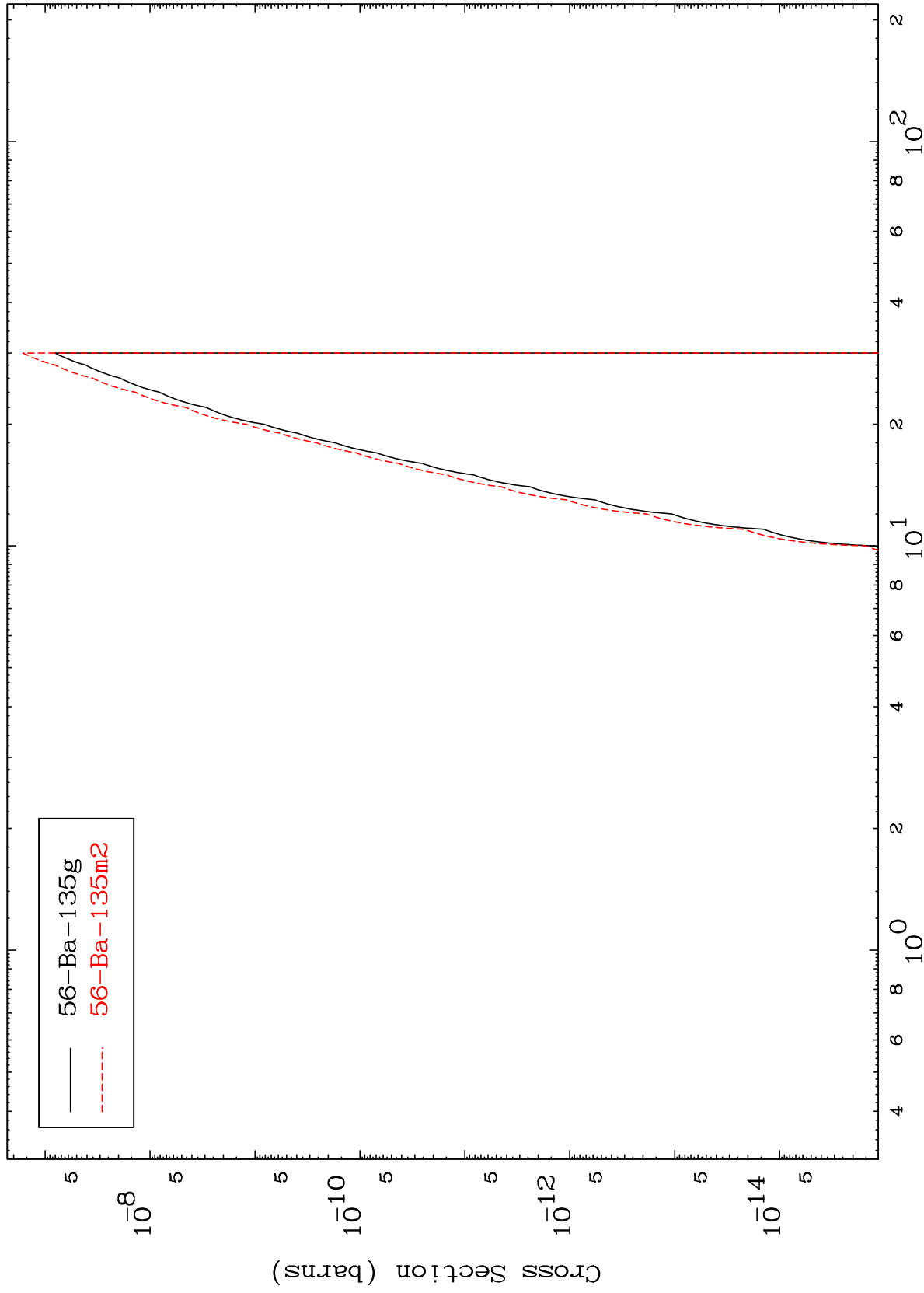
58-Ce-138

MAT 5831

(n,d) α

58-Ce-138

Radionuclide Production Cross Section



21

Incident Energy (MeV)

58-Ce-138