

Program EVALPLOT
(Version 2021-1)

by

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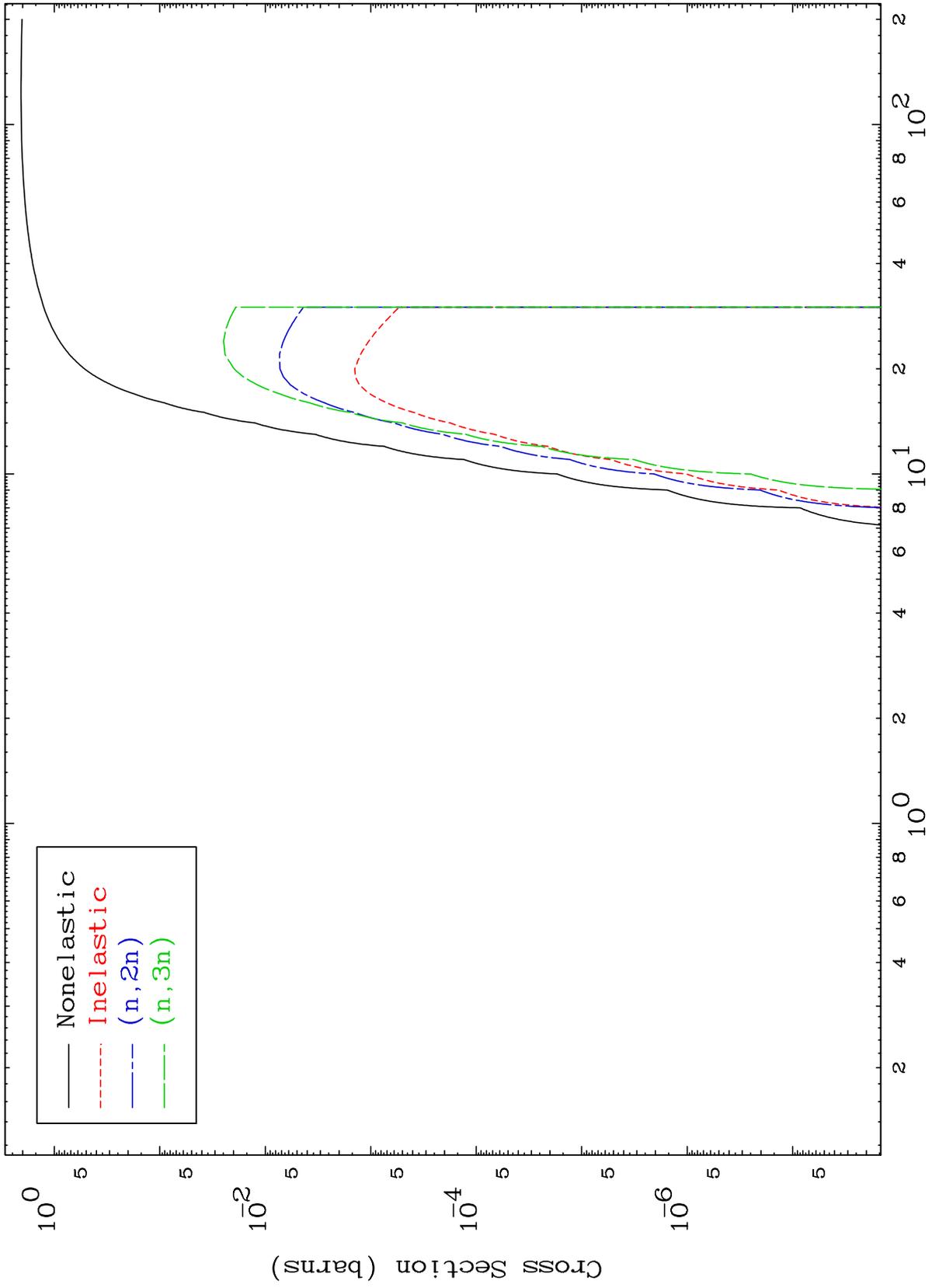
Press Mouse Button to Start

MAT 5846

He-3 Major

0 Kelvin Cross Sections

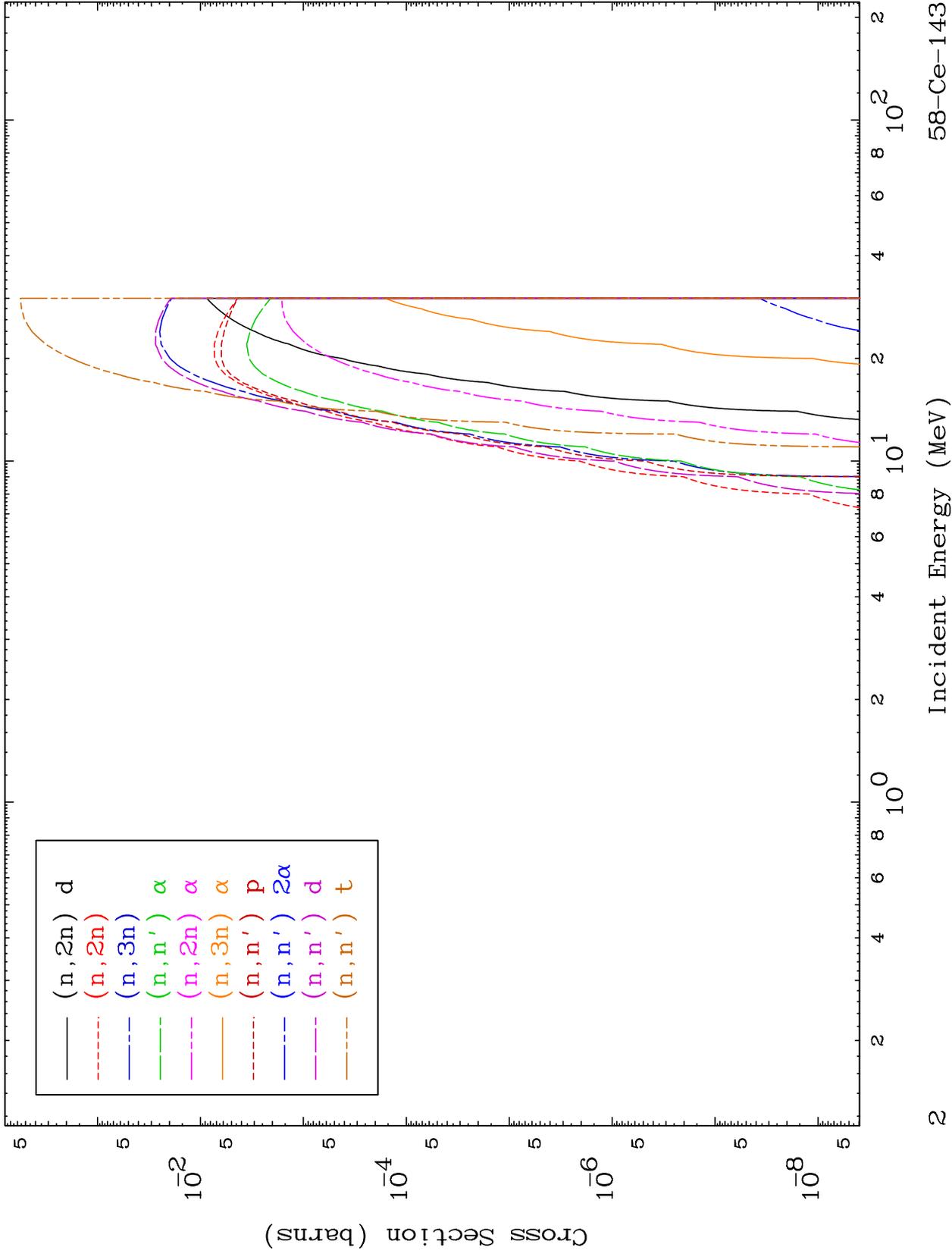
58-Ce-143



MAT 5846

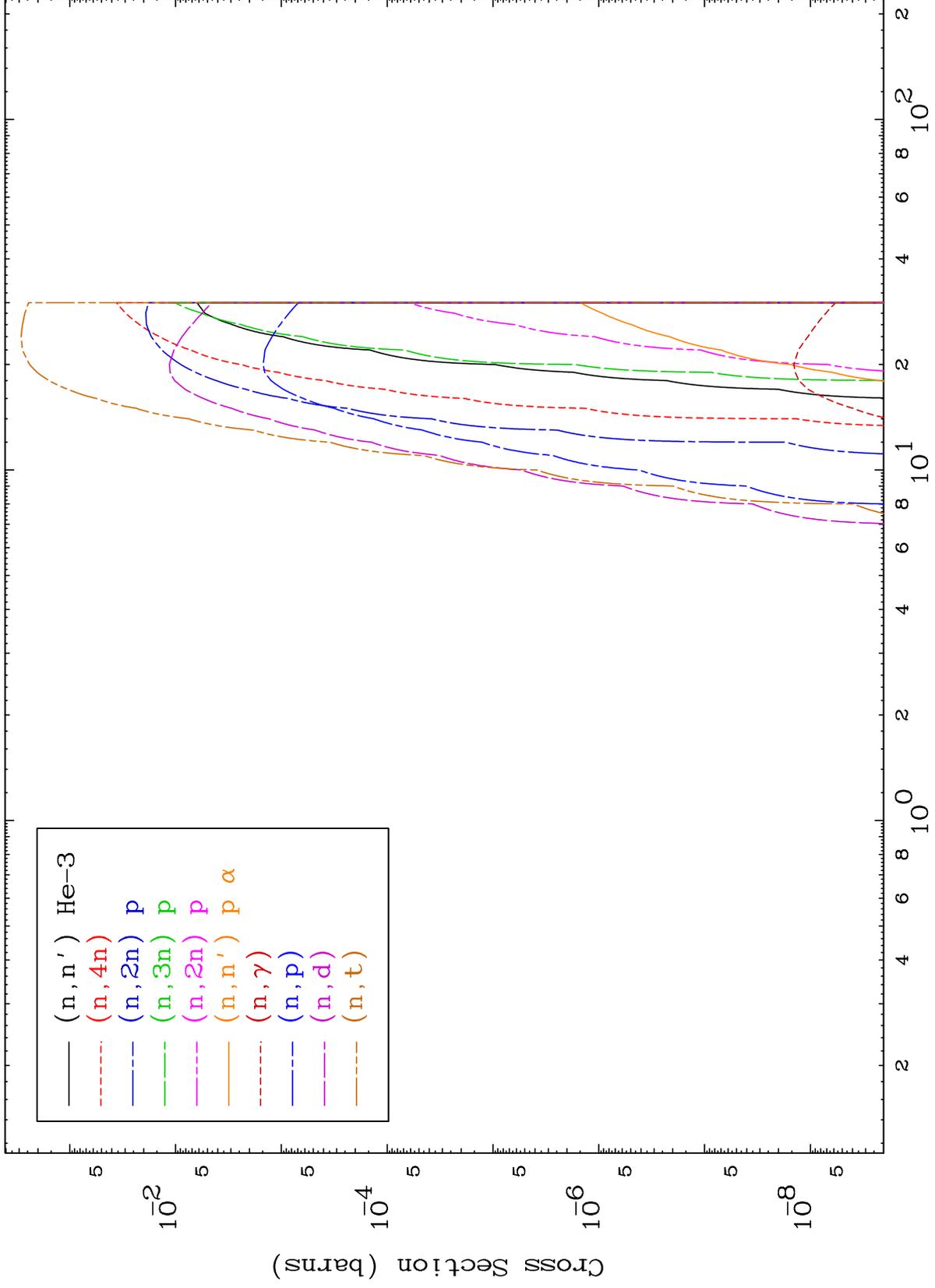
He-3 Neutron Absorption
0 Kelvin Cross Sections

58-Ce-143



58-Ce-143

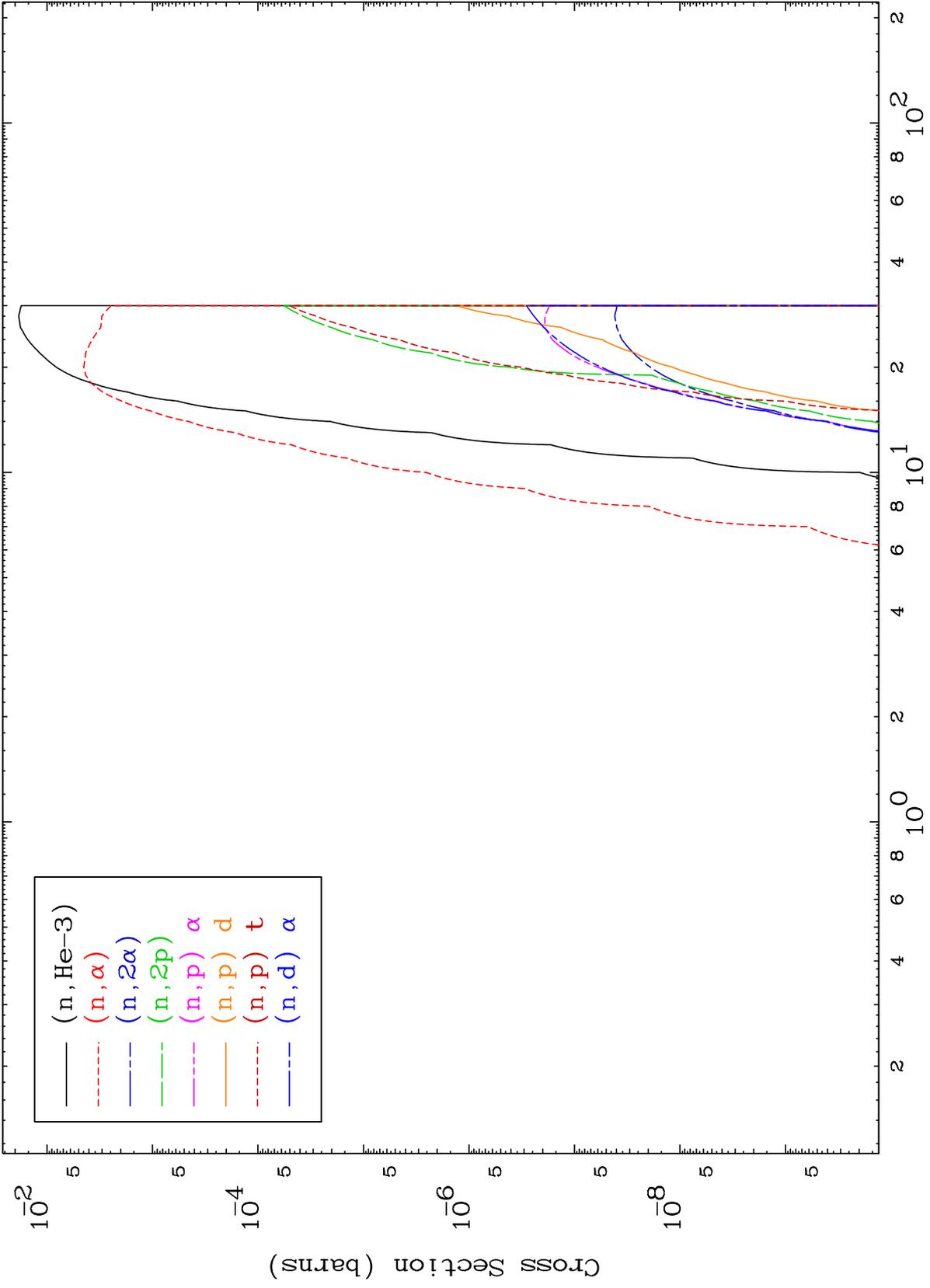
Incident Energy (MeV)

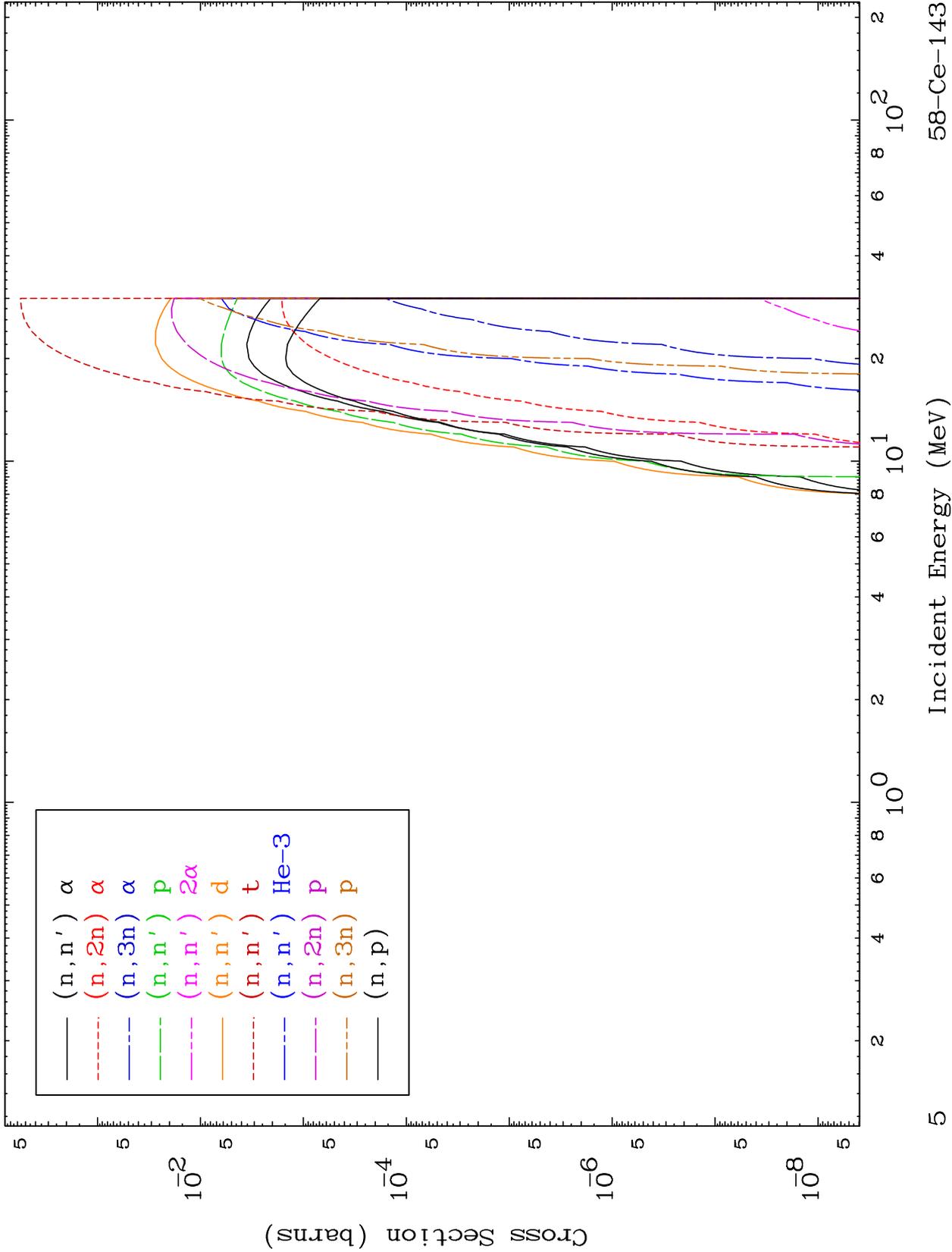


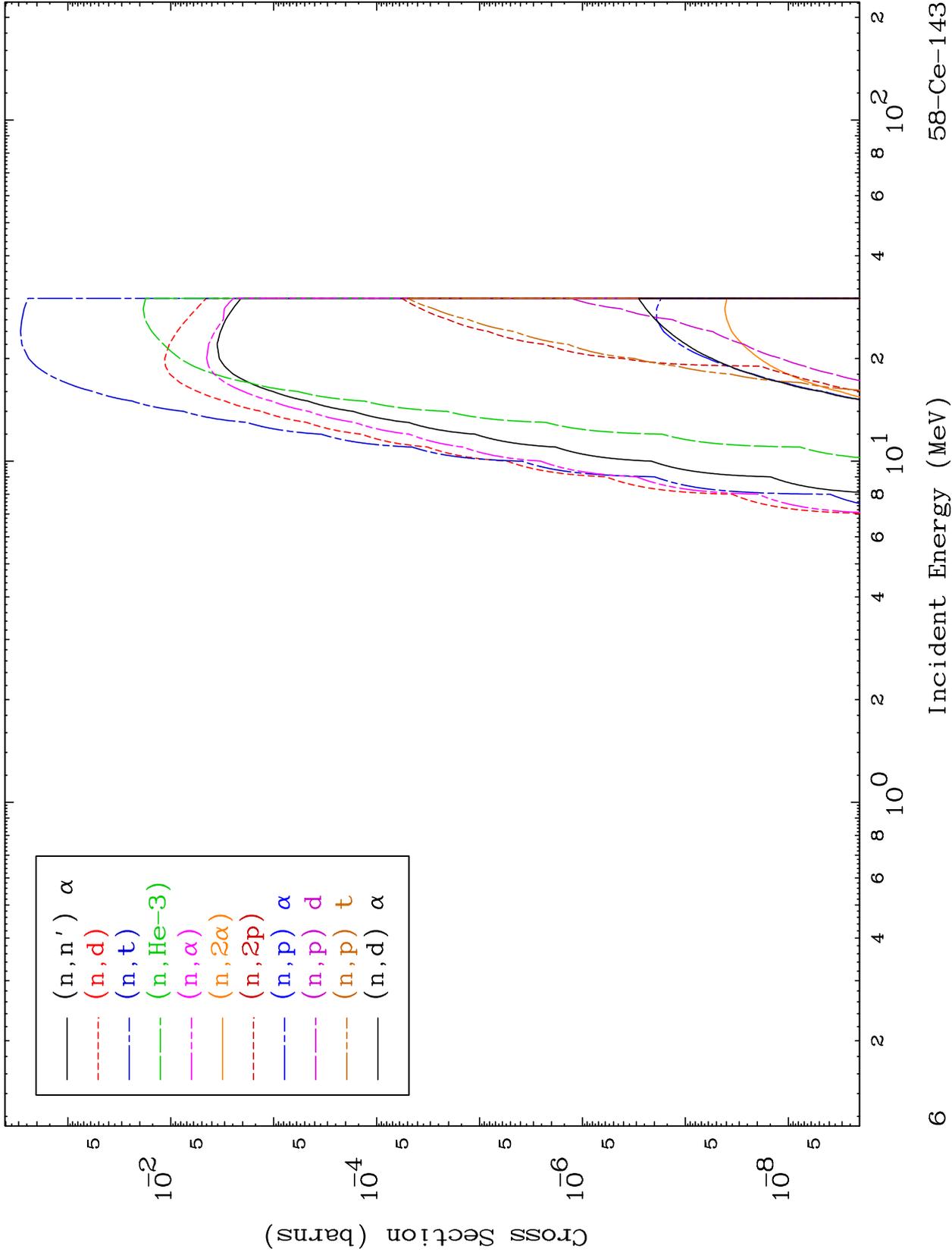
MAT 5846

He-3 Neutron Absorption
0 Kelvin Cross Sections

58-Ce-143



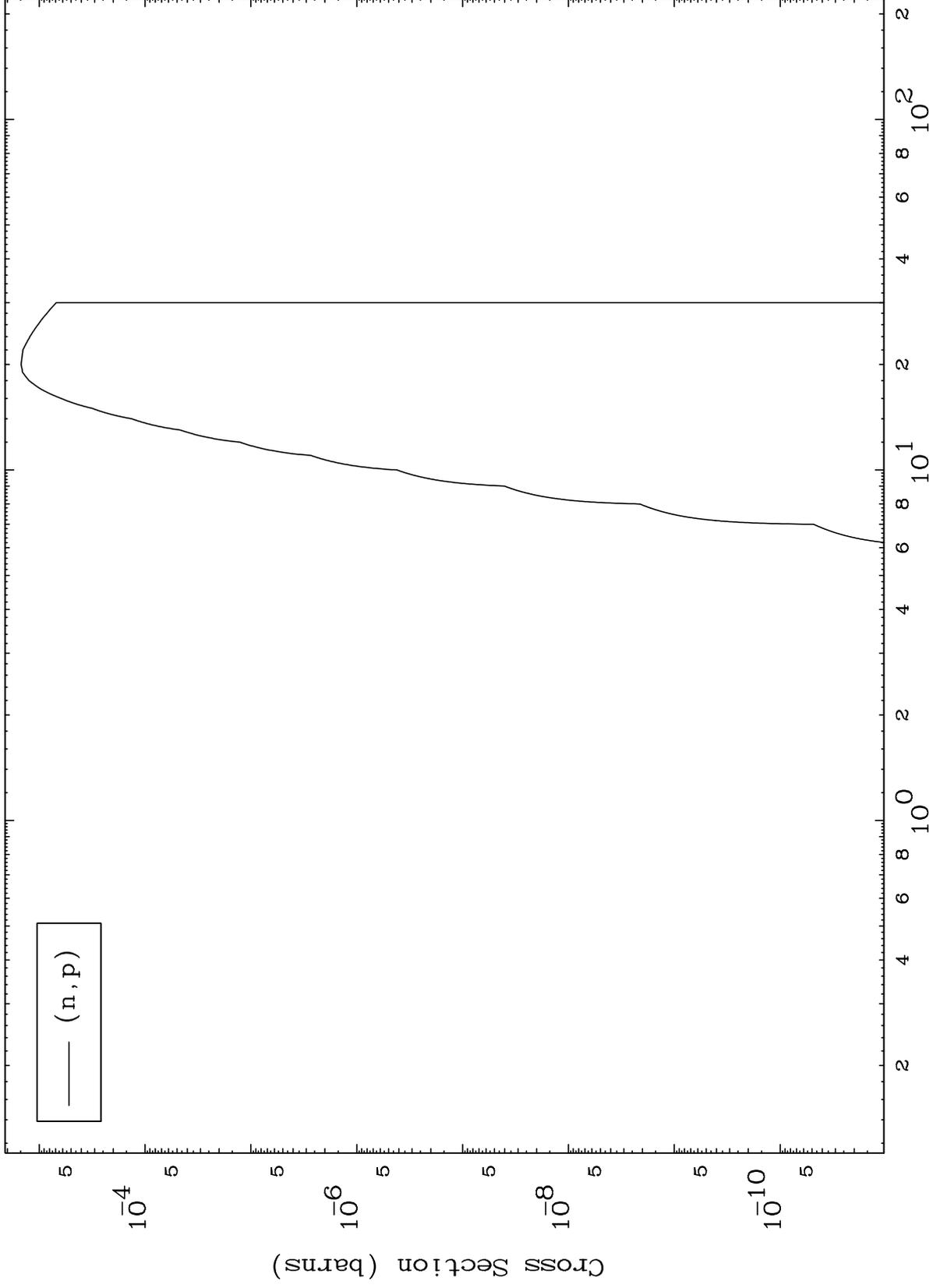




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(He-3,p) Levels
0 Kelvin Cross Sections

58-Ce-143



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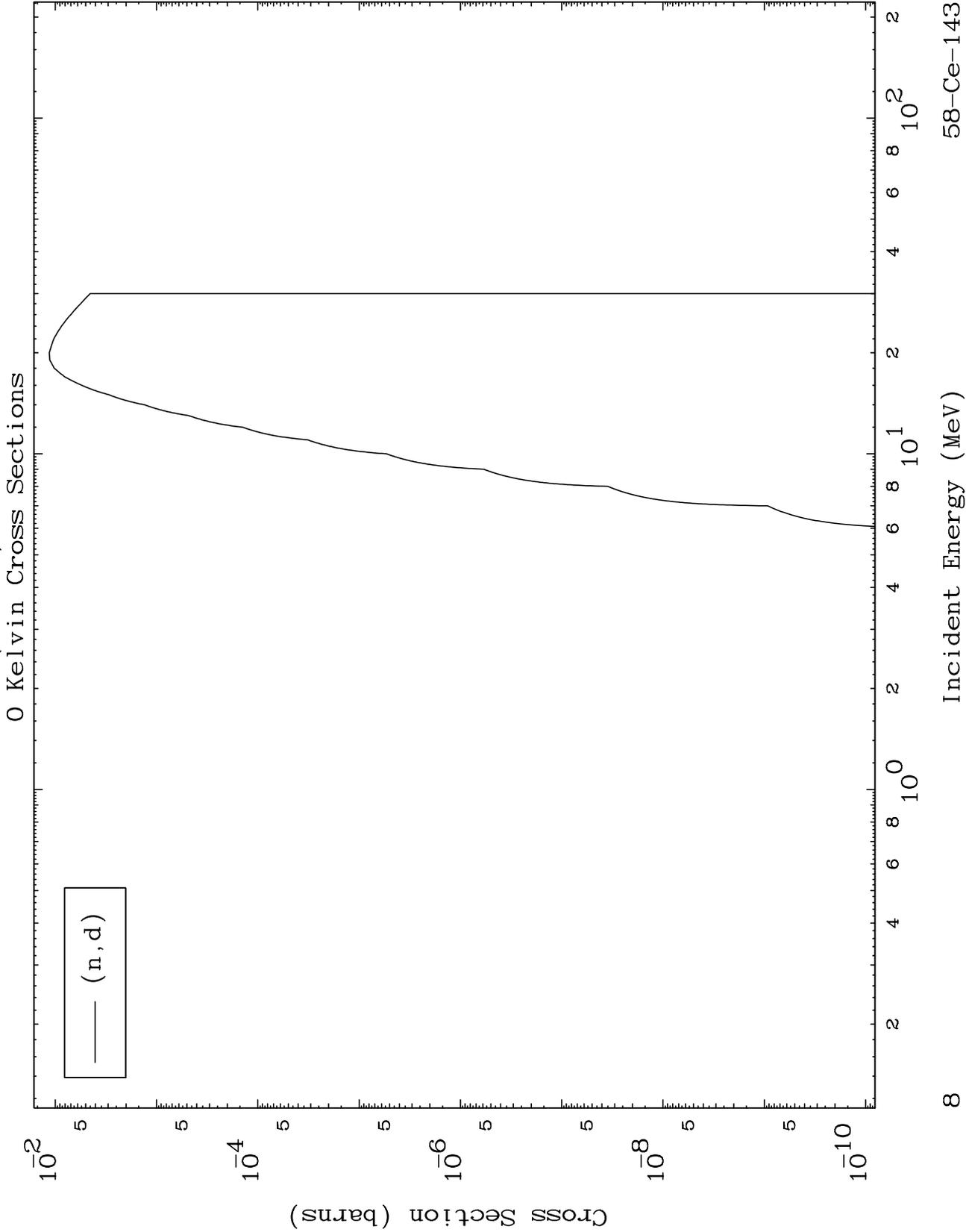
Incident Energy (MeV)

58-Ce-143

MAT 5846

(He-3,d) Levels

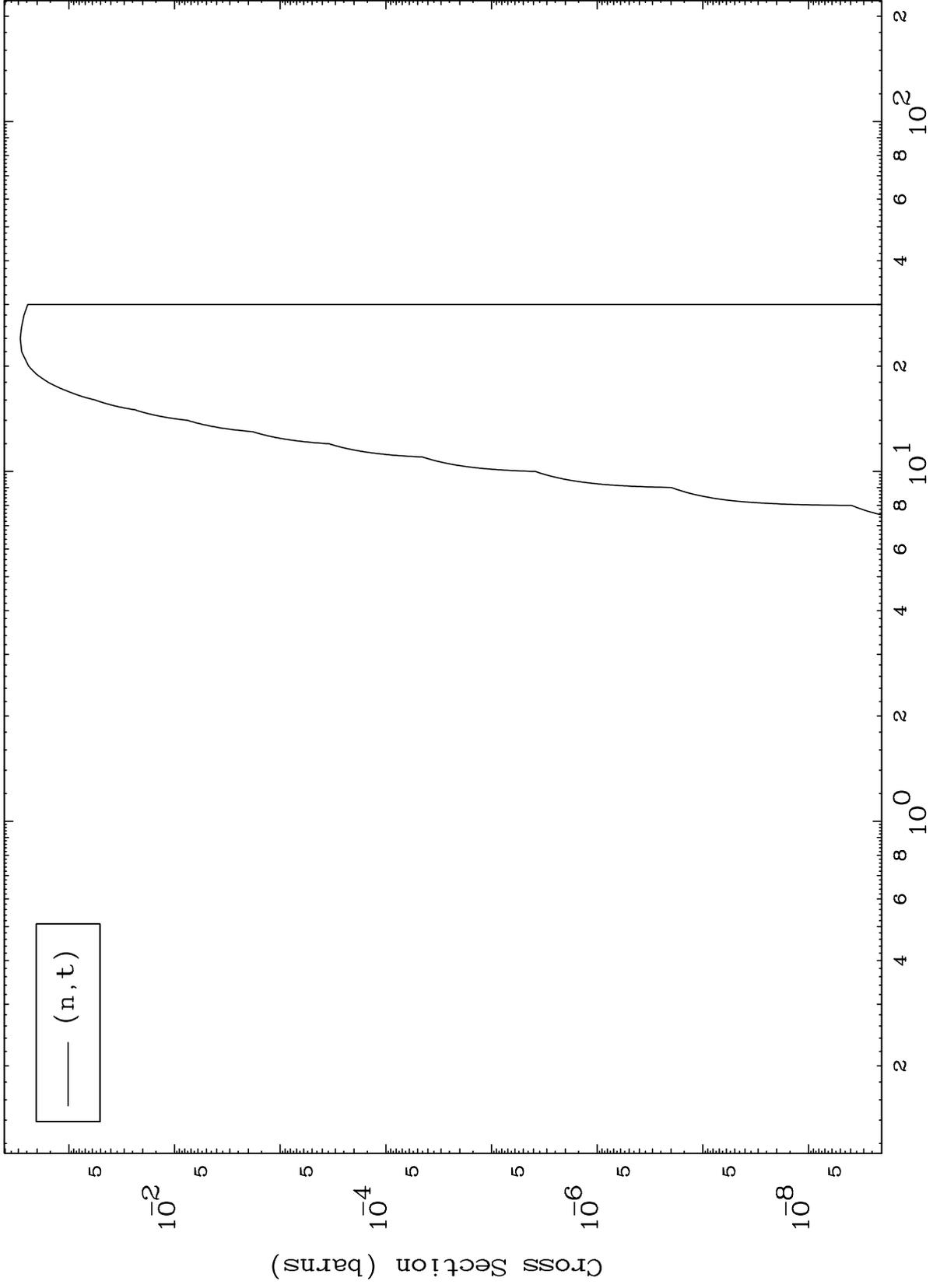
58-Ce-143



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

58-Ce-143



9

Incident Energy (MeV)

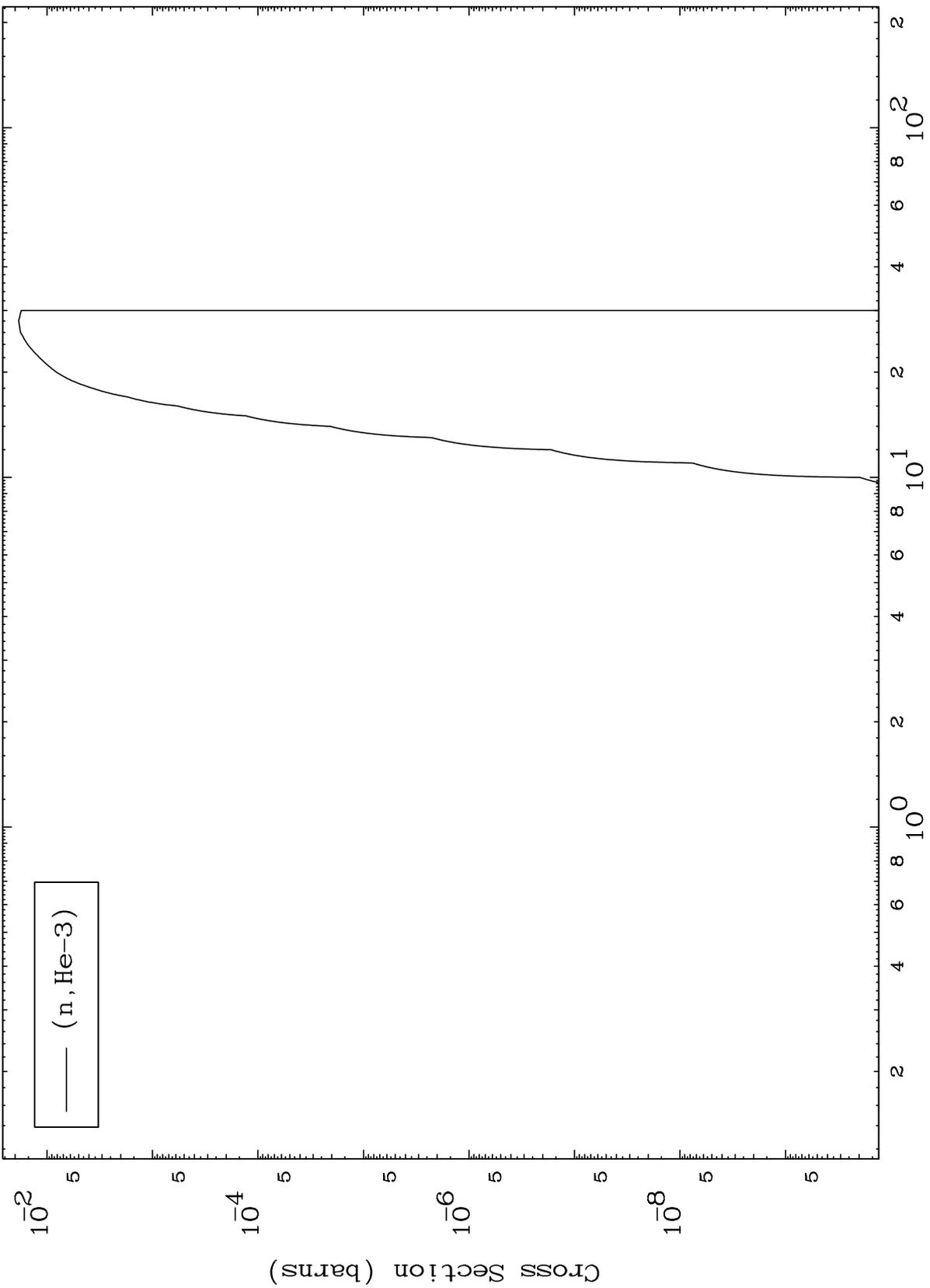
58-Ce-143

MAT 5846

(He-3, He3) Levels

58-Ce-143

0 Kelvin Cross Sections



(n, He-3)

10

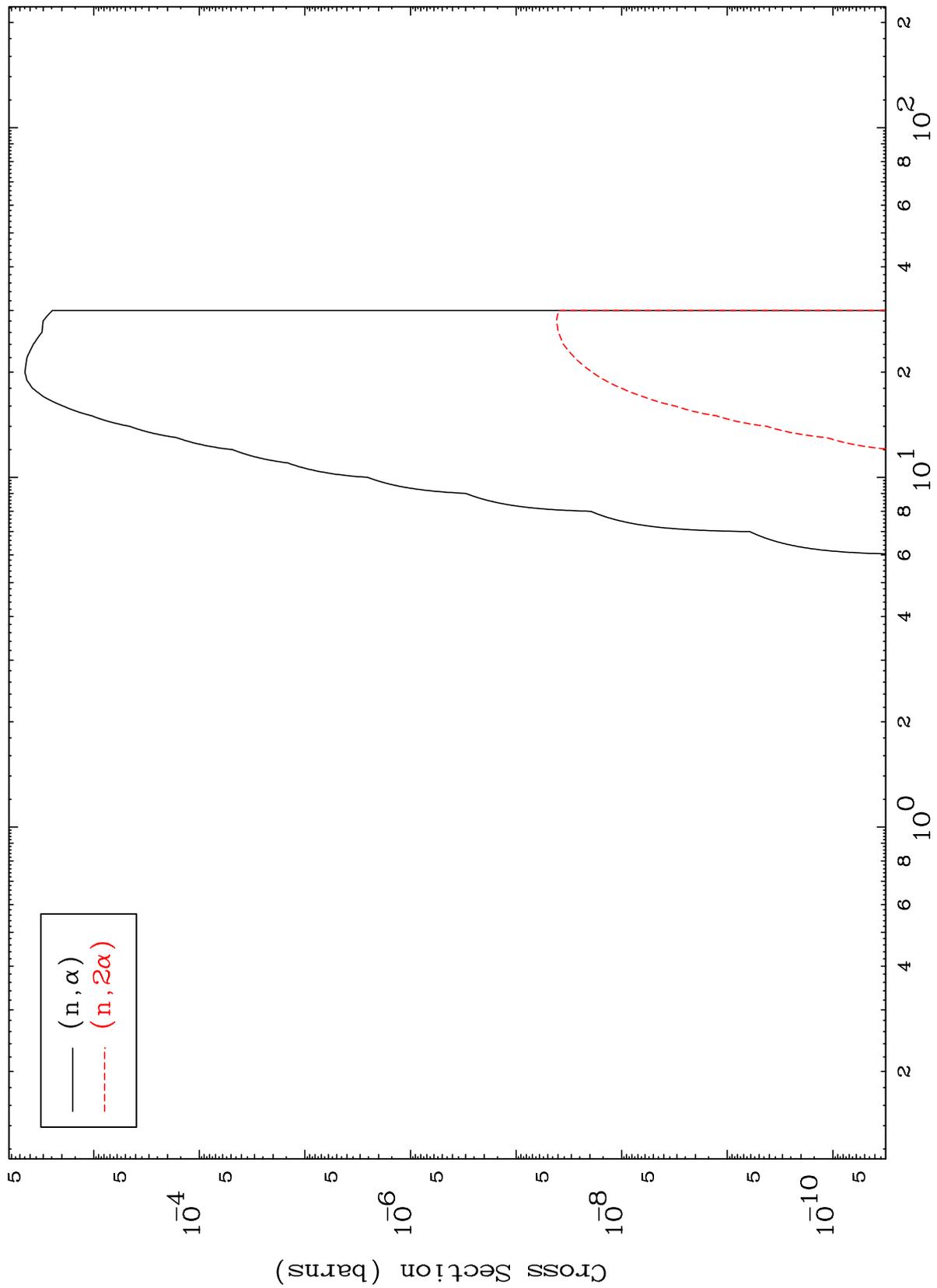
Incident Energy (MeV)

58-Ce-143

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58-Ce-143

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



58-Ce-143

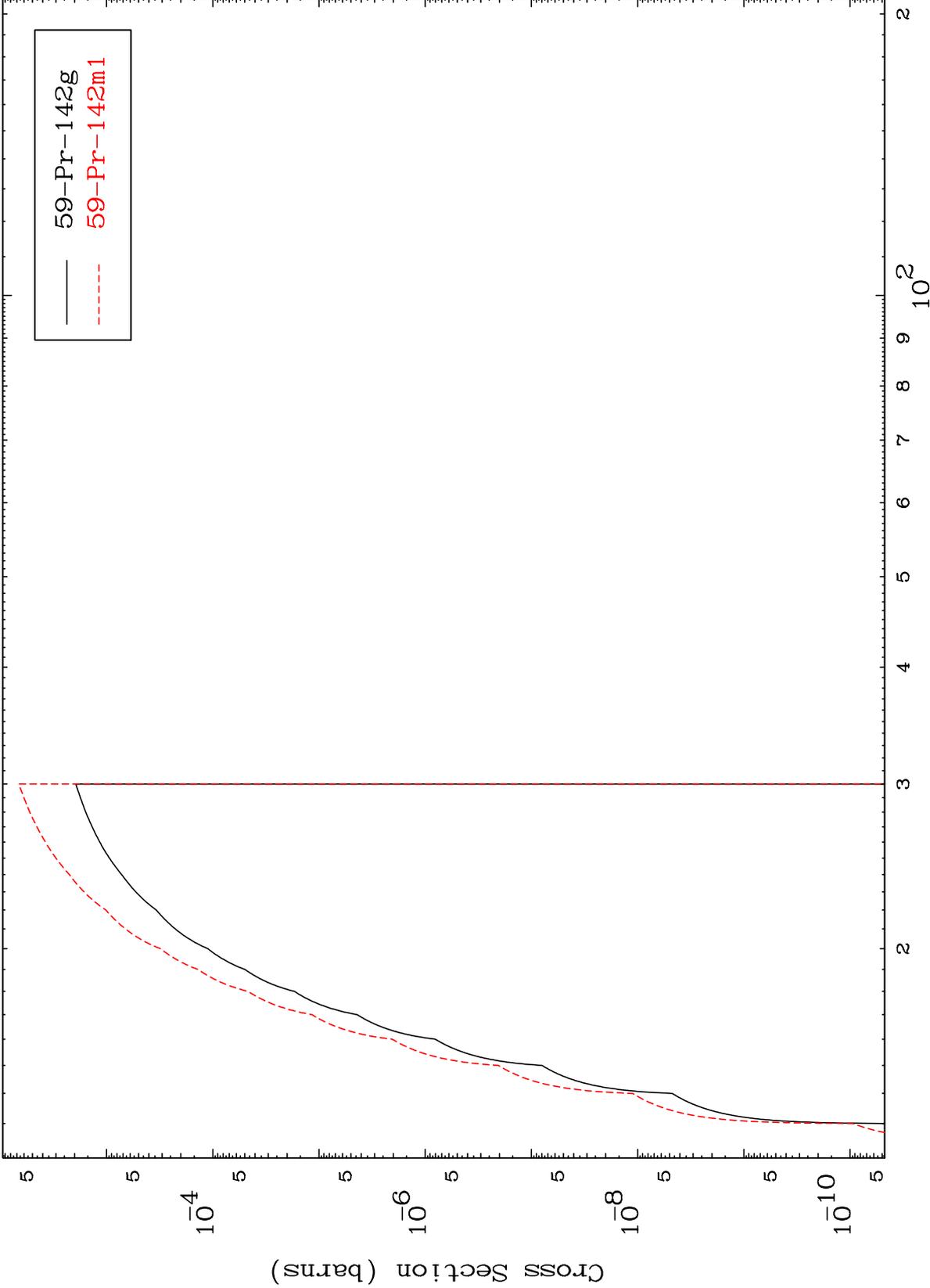
Incident Energy (MeV)

MAT 5846

(n,2n) d

58-Ce-143

Radionuclide Production Cross Section



59-Pr-142g
59-Pr-142m1

12

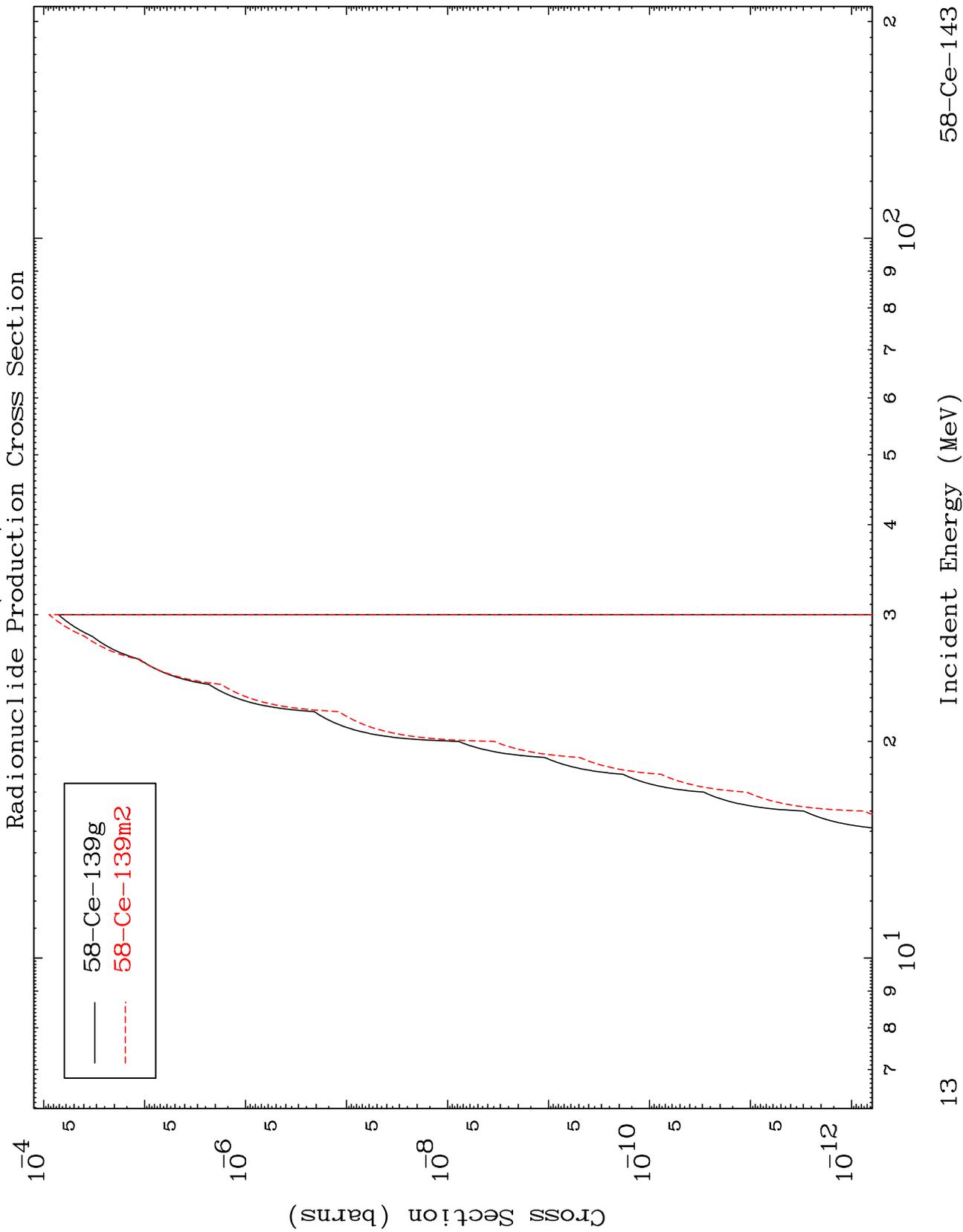
Incident Energy (MeV)

58-Ce-143

MAT 5846

(n,3n) α

58-Ce-143



13

Incident Energy (MeV)

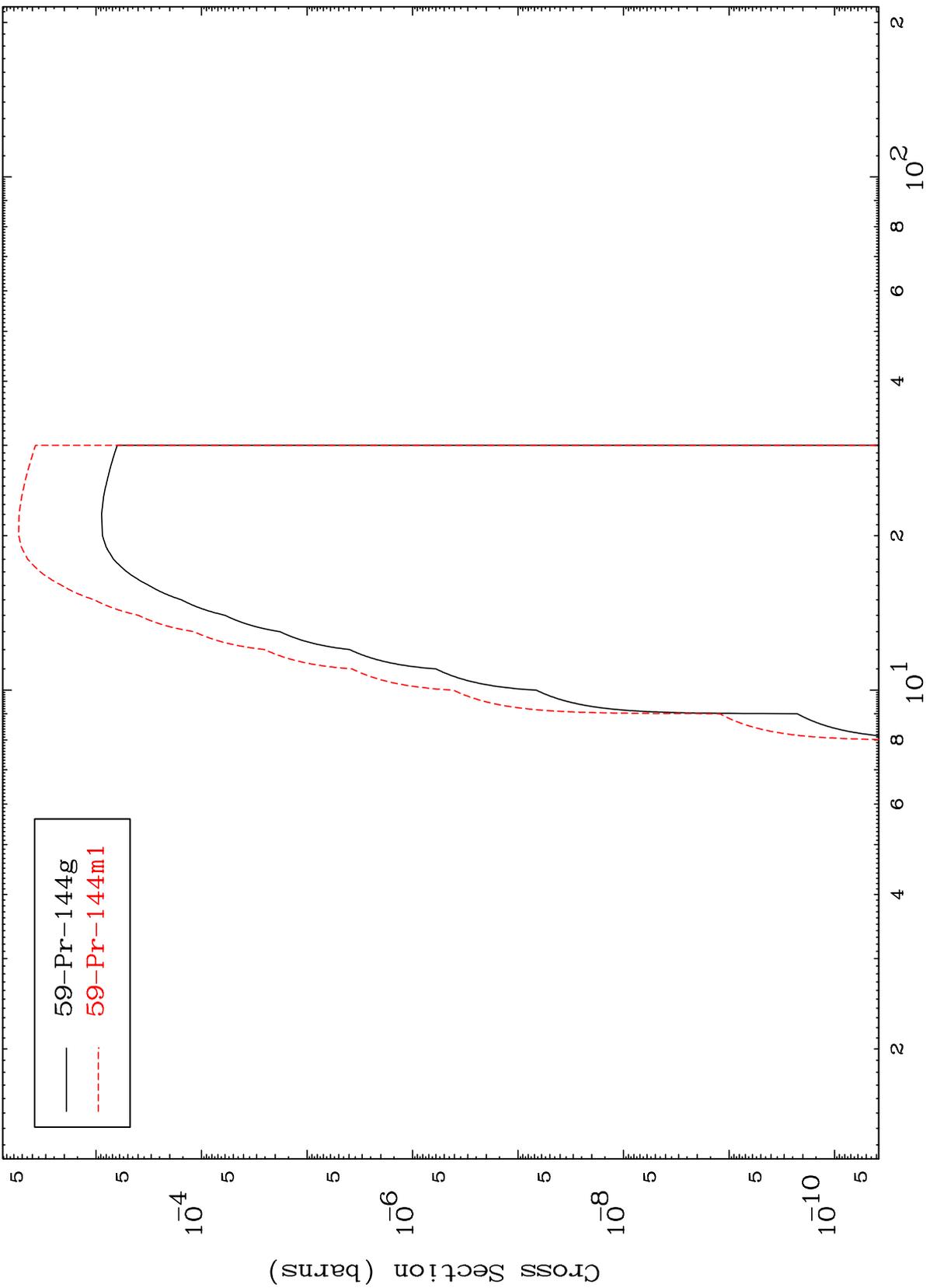
58-Ce-143

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(n,n') p

58-Ce-143

Radionuclide Production Cross Section



59-Pr-144g
59-Pr-144m1

14

Incident Energy (MeV)

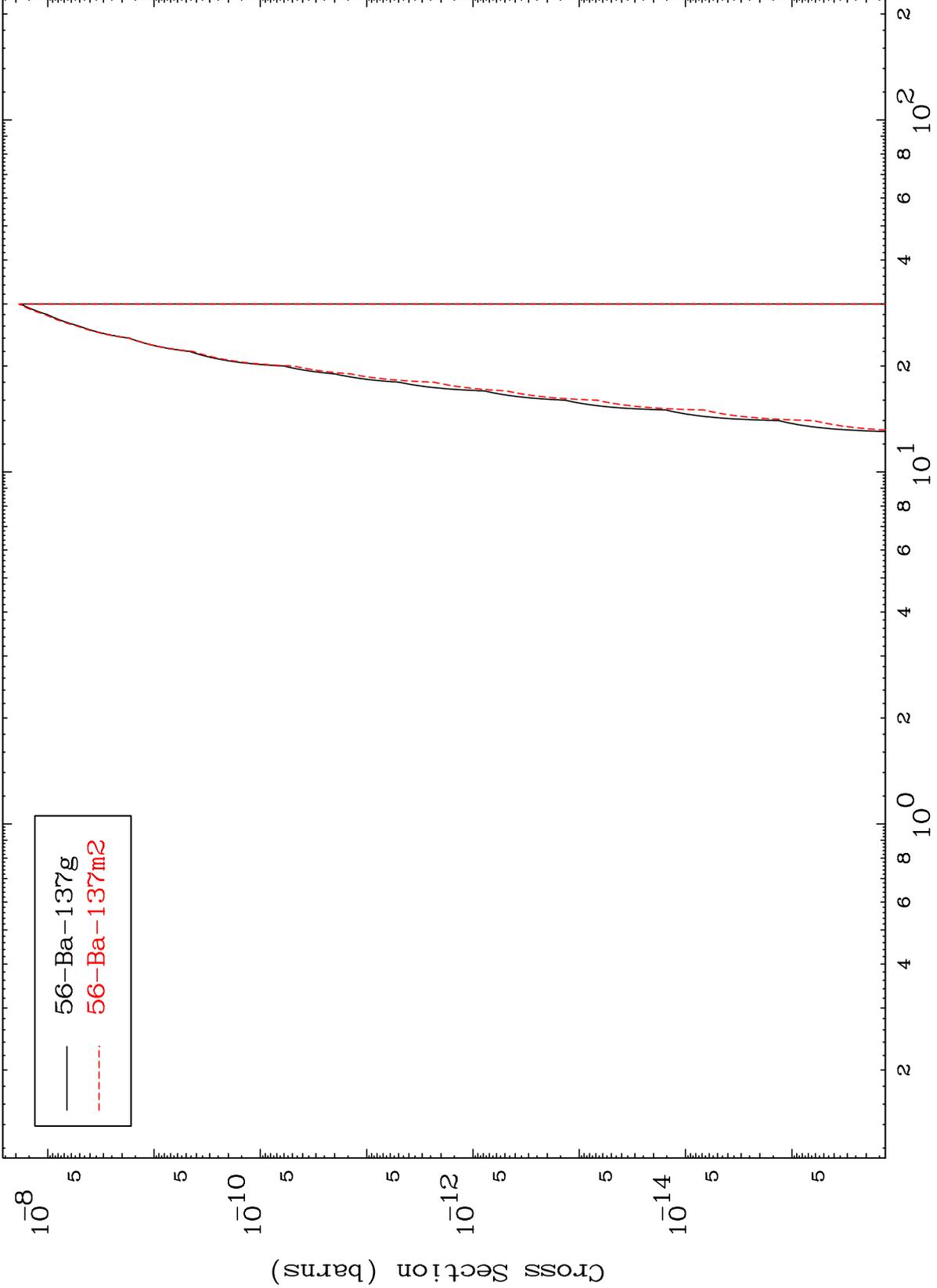
58-Ce-143

MAT 5846

(n,n') 2α

58-Ce-143

Radionuclide Production Cross Section



15

Incident Energy (MeV)

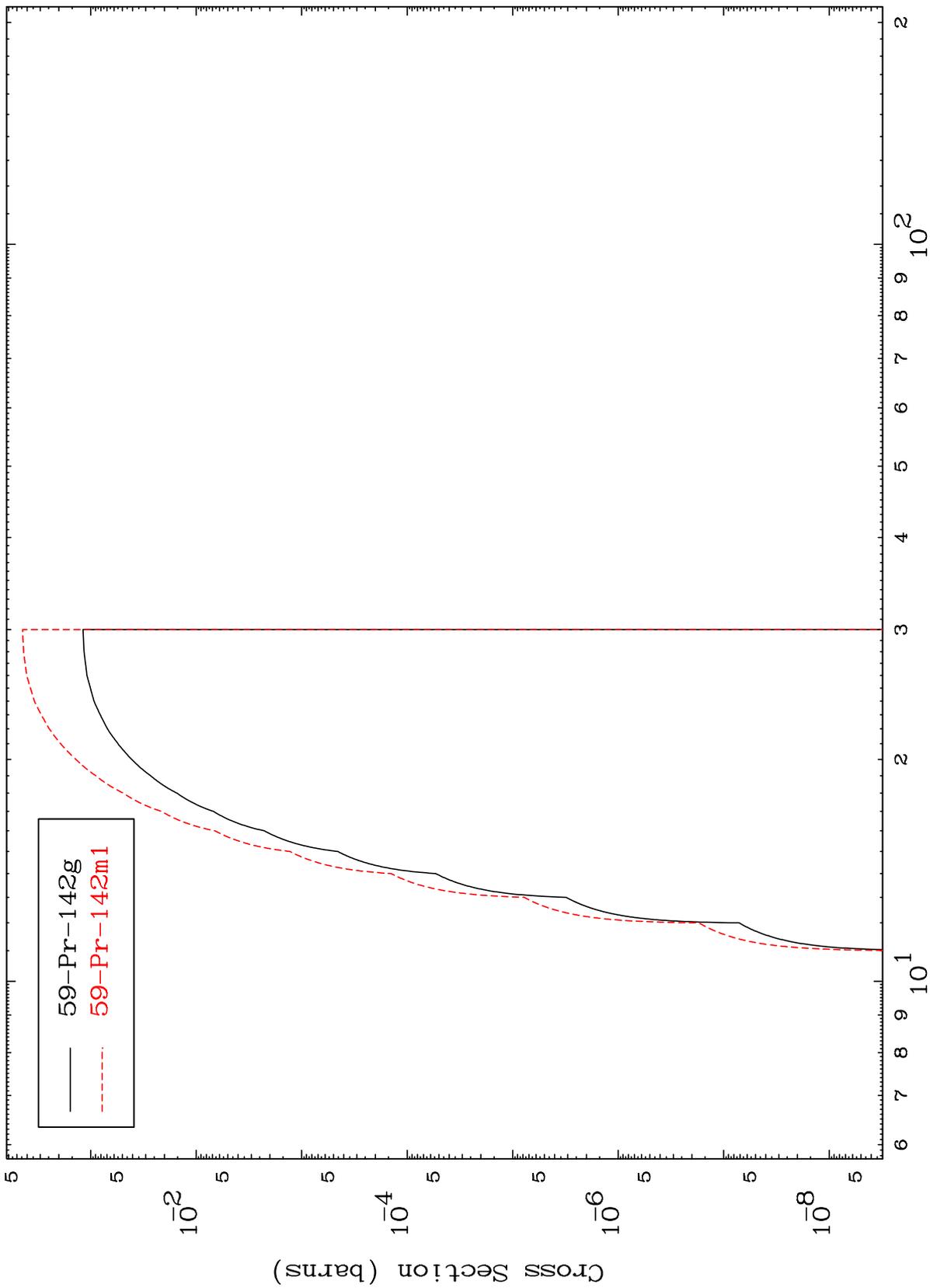
58-Ce-143

MAT 5846

(n,n') t

58-Ce-143

Radionuclide Production Cross Section



16

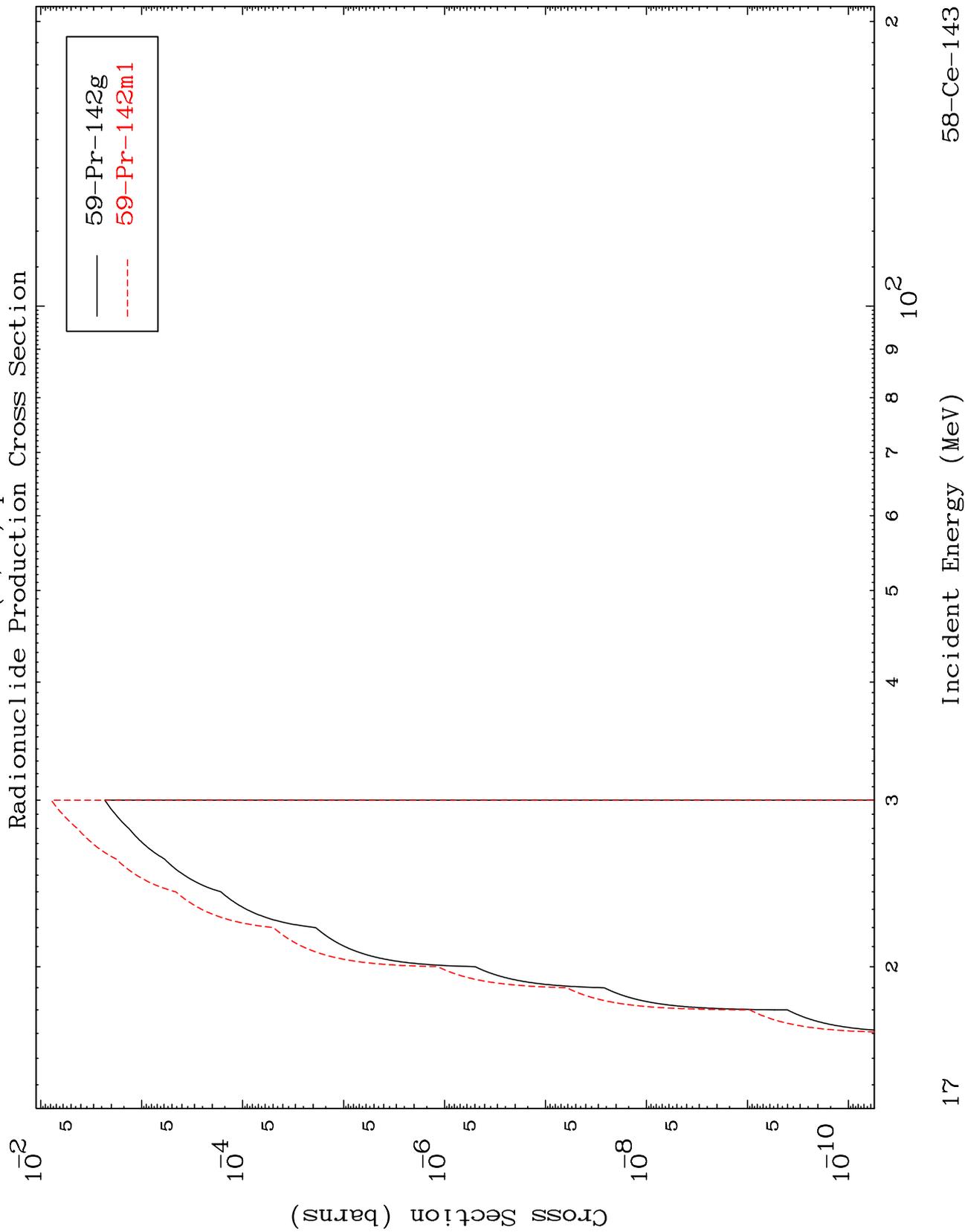
Incident Energy (MeV)

58-Ce-143

MAT 5846

(n,3n) p

58-Ce-143



17

Incident Energy (MeV)

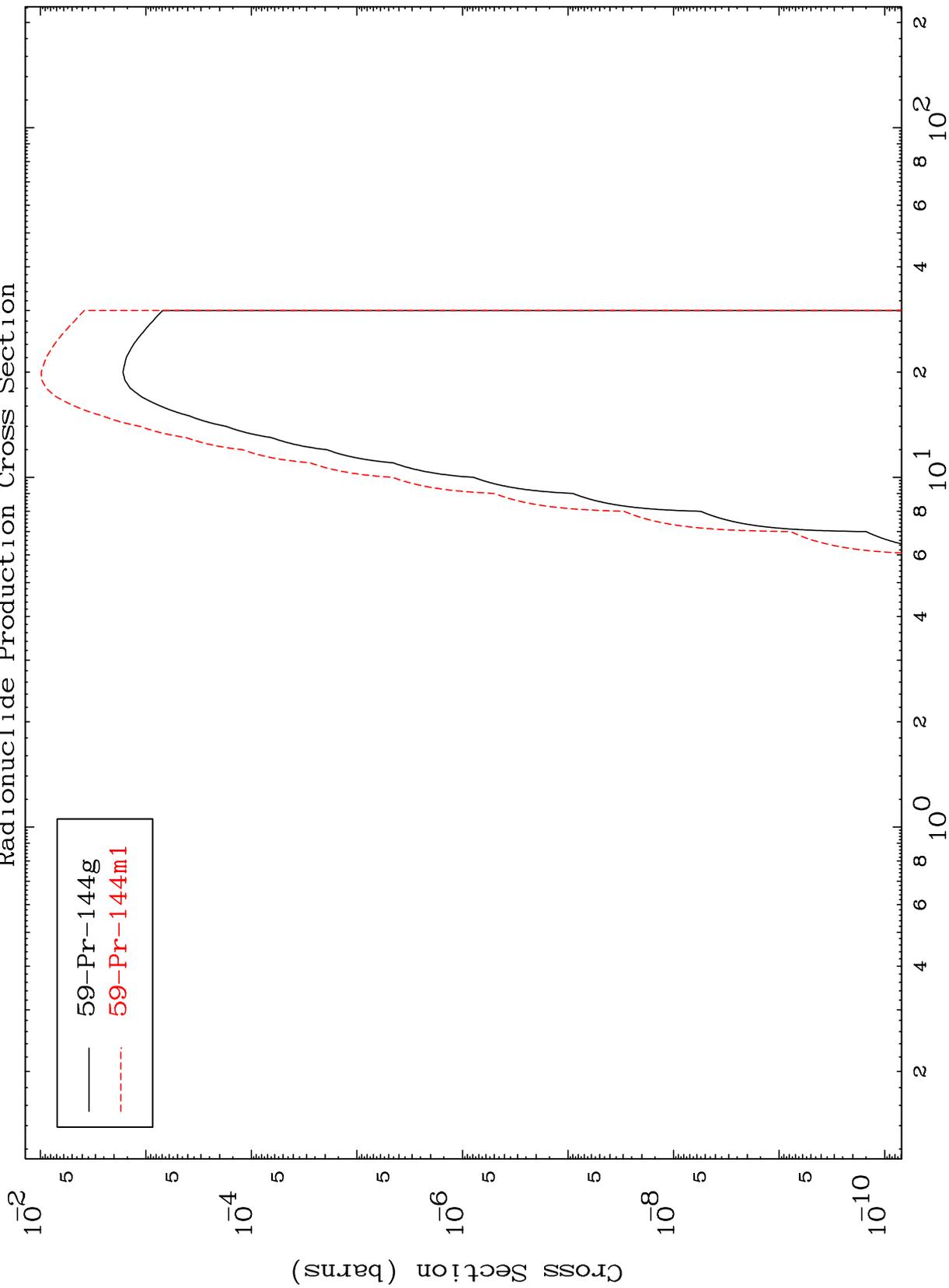
58-Ce-143

MAT 5846

(n,d)

58-Ce-143

Radionuclide Production Cross Section



18

Incident Energy (MeV)

58-Ce-143