

Program EVALPLOT
(Version 2021-1)

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

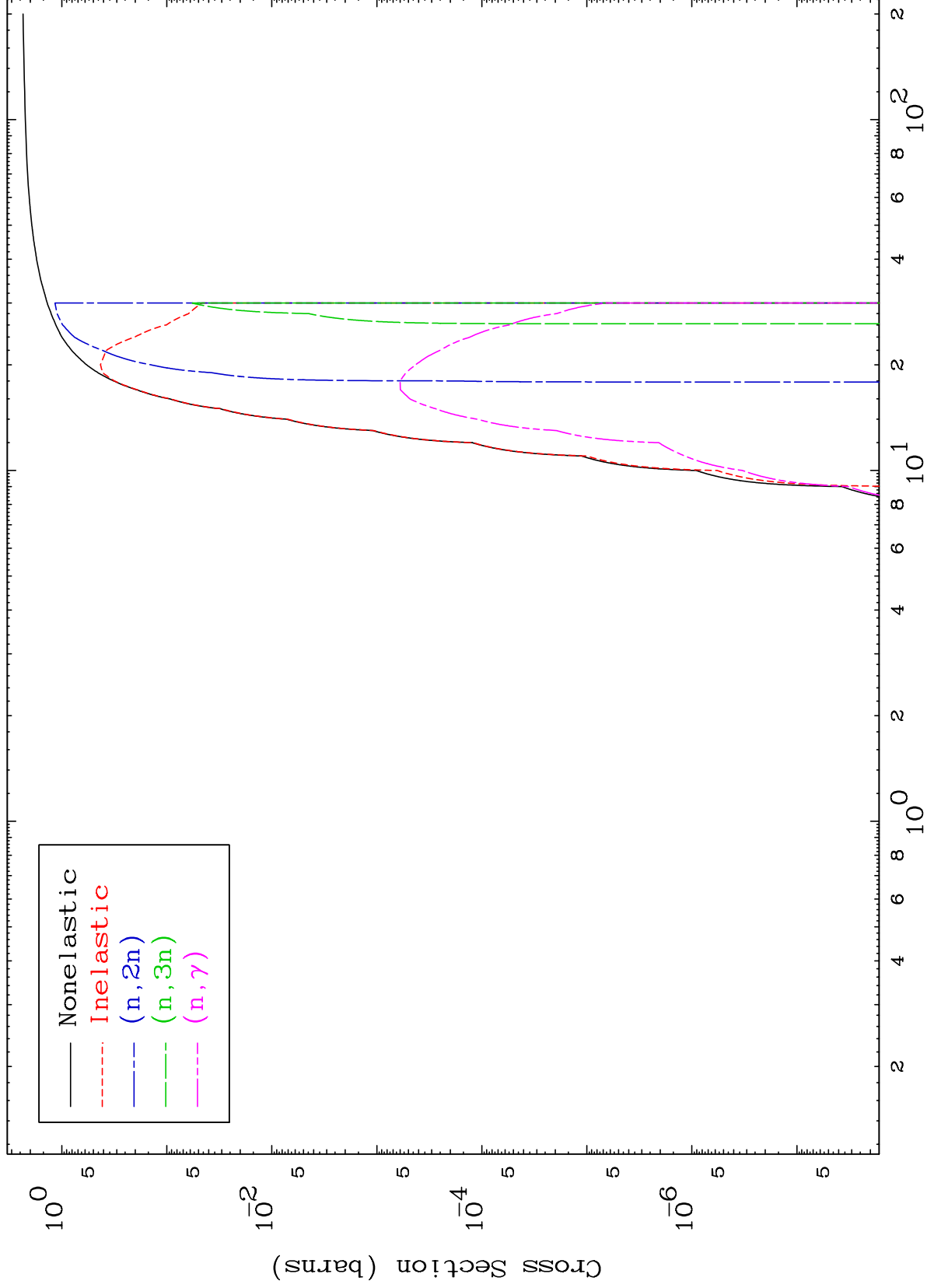
Press Mouse Button to Start

MAT 5829

0 Kelvin

α Major Cross Sections

58-Ce-137m



1

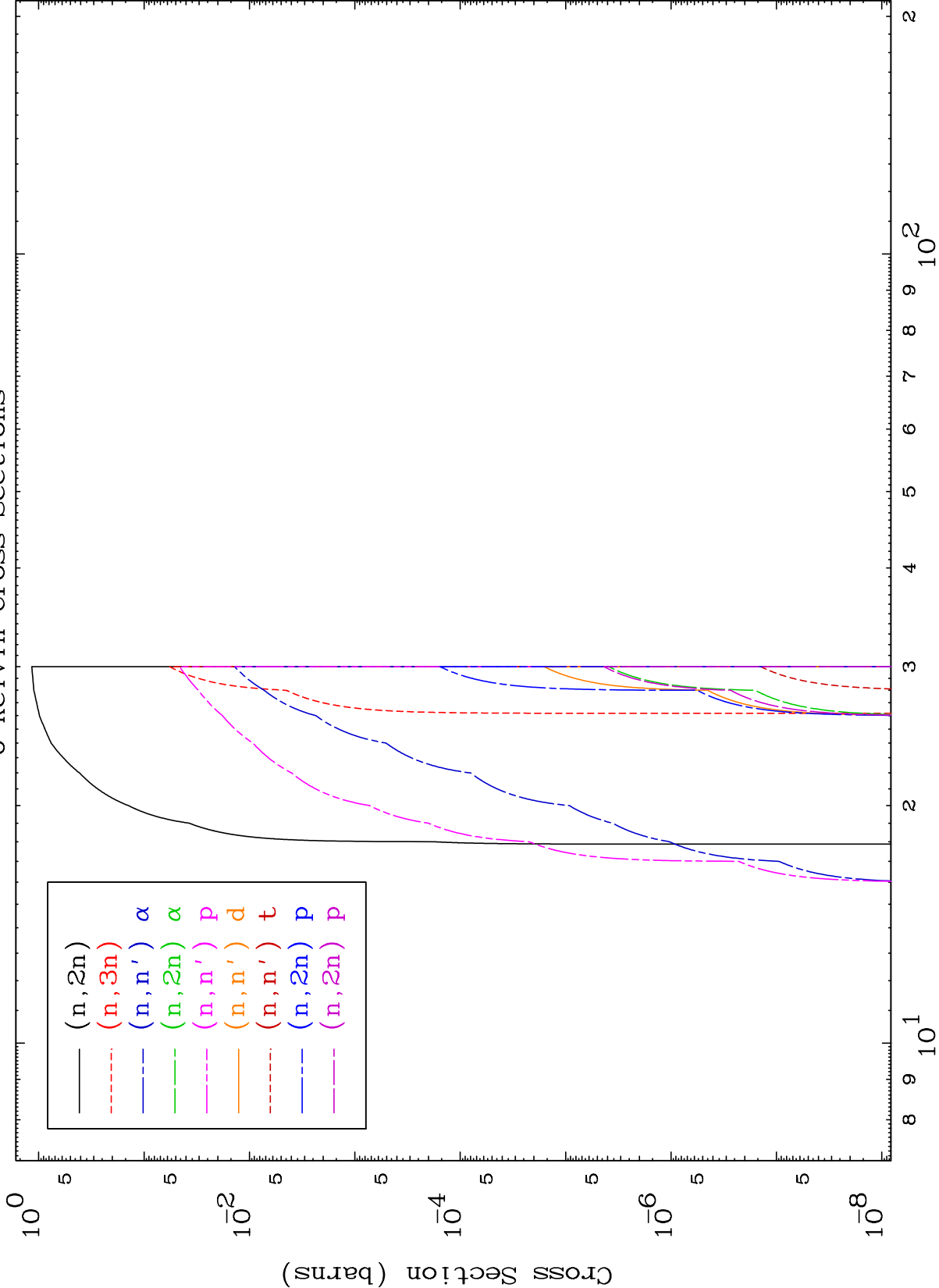
Incident Energy (MeV)

58-Ce-137m

MAT 5829

α Neutron Absorption
0 Kelvin Cross Sections

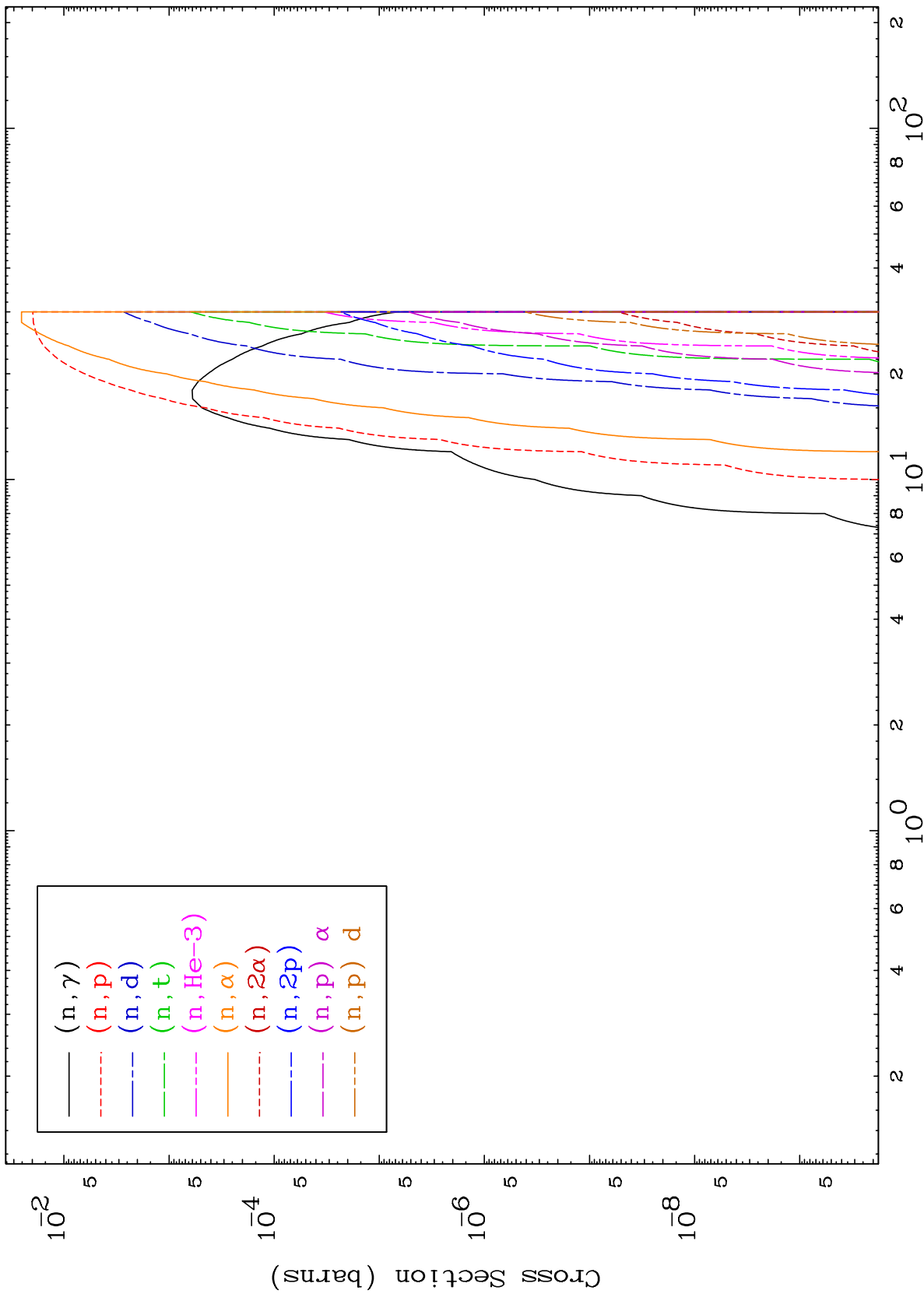
58-Ce-137m

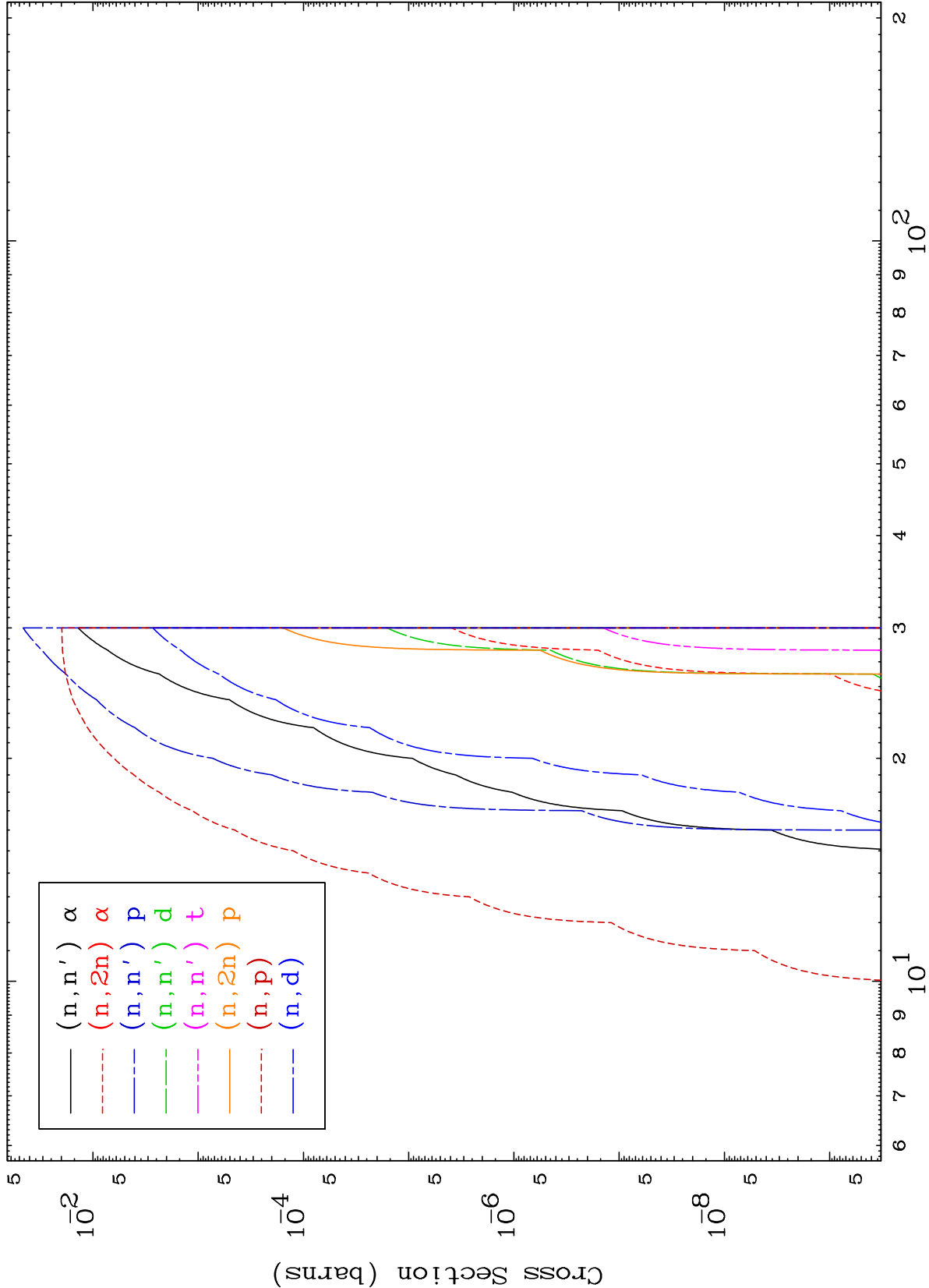


Incident Energy (MeV)

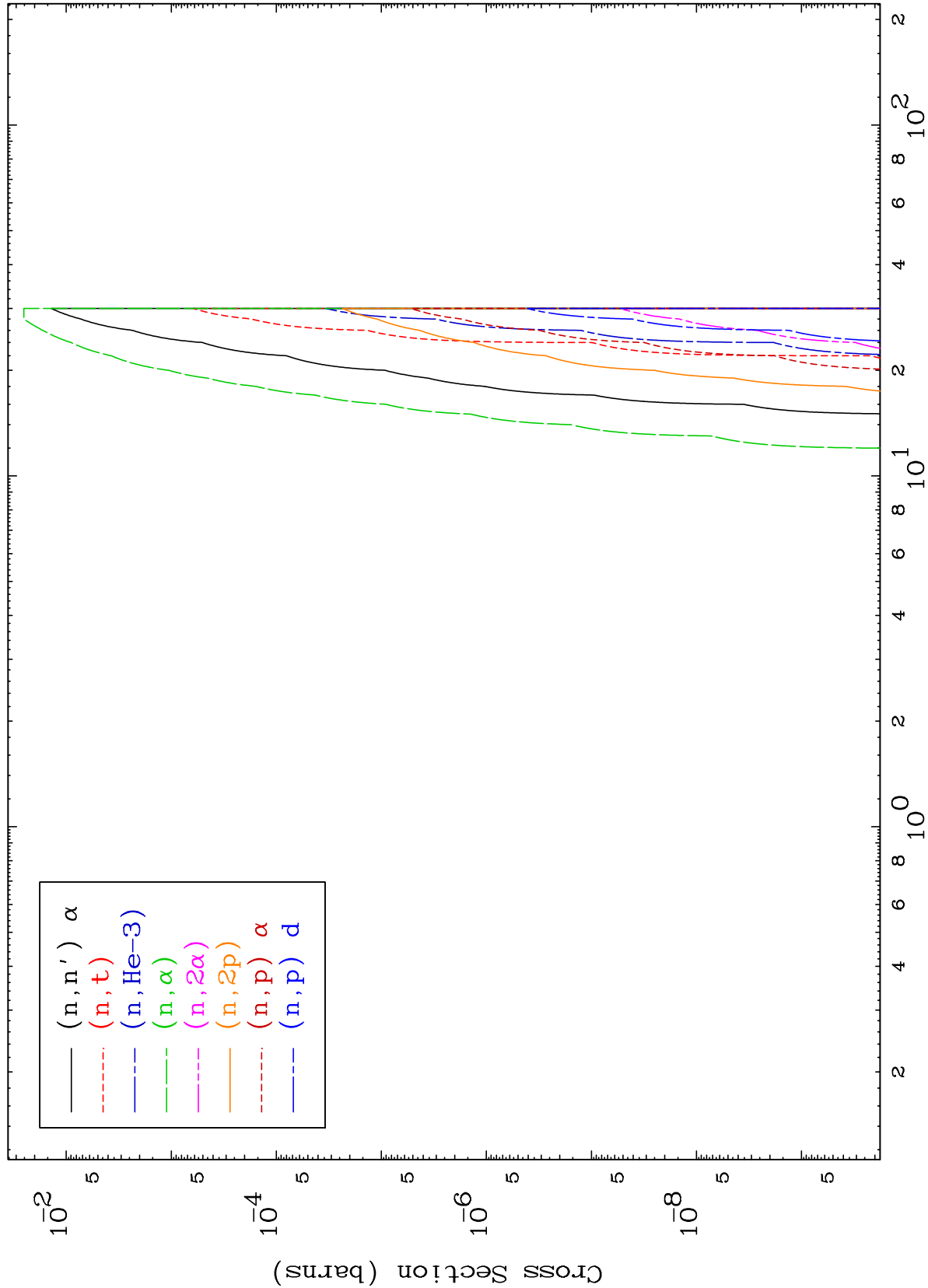
58-Ce-137m

0 Kelvin Cross Sections





0 Kelvin Cross Sections

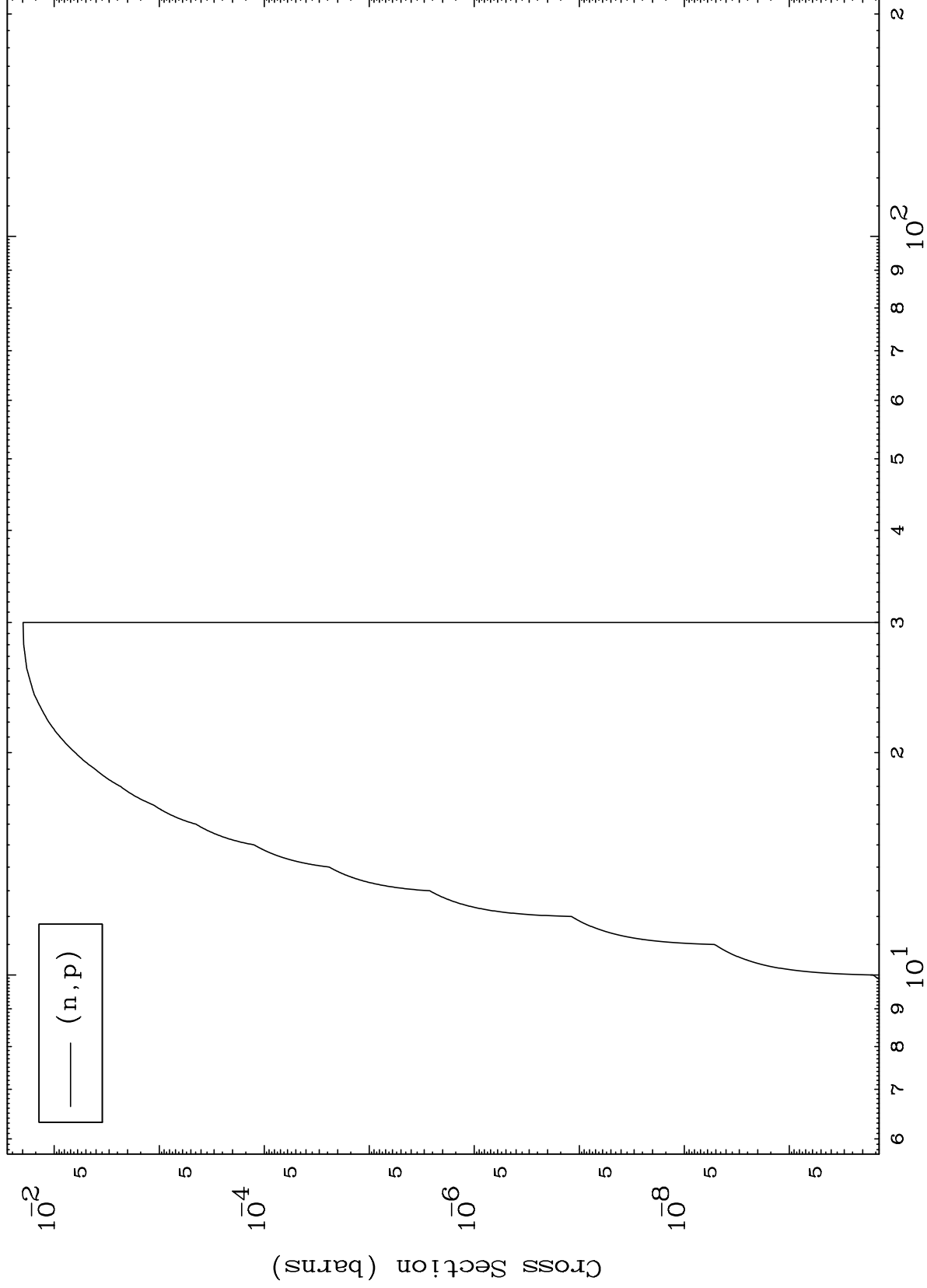


MAT 5829

(α, p) Levels

58-Ce-137m

0 Kelvin Cross Sections



6

Incident Energy (MeV)

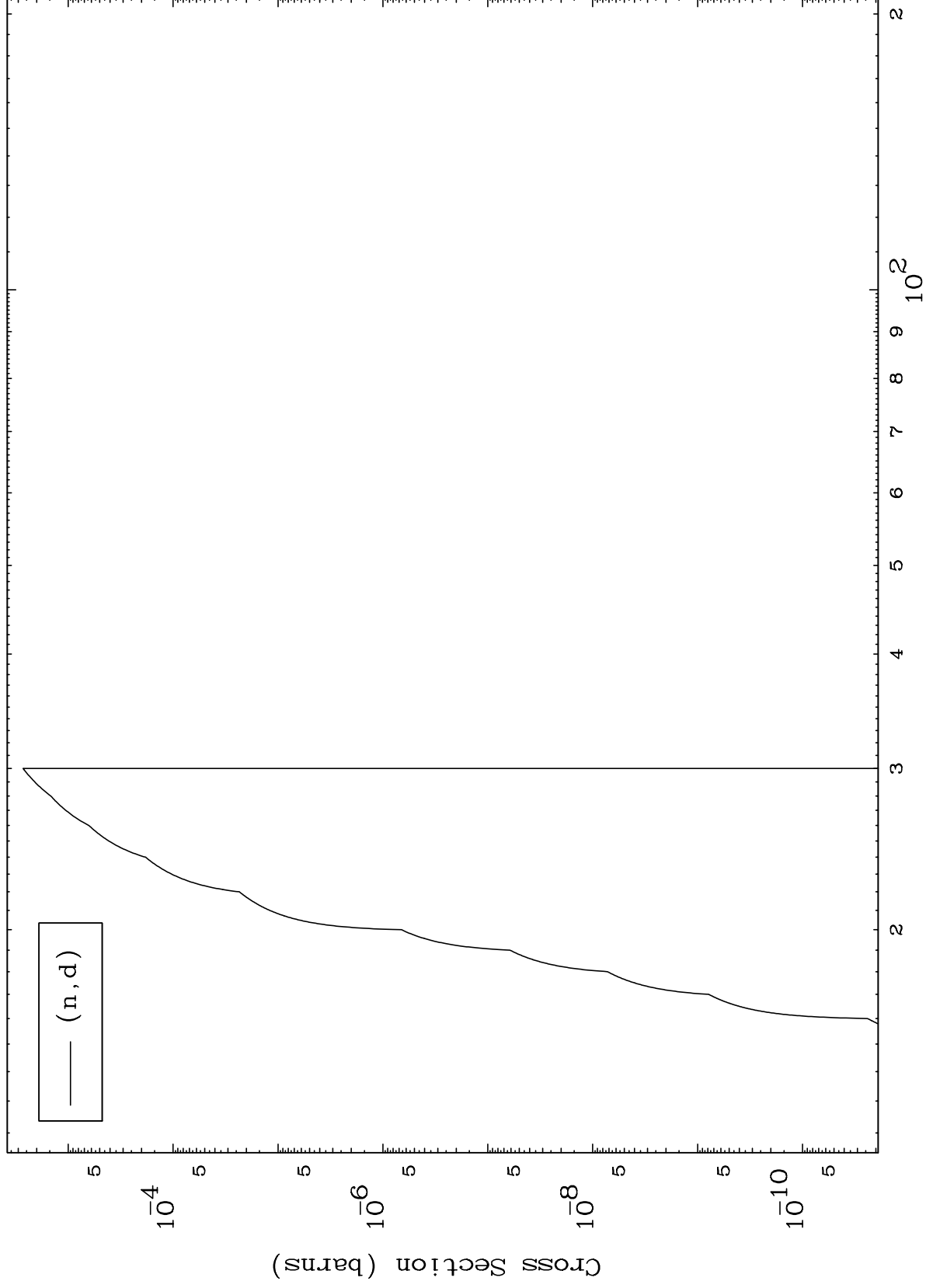
58-Ce-137m

MAT 5829

(α ,d) Levels

0 Kelvin Cross Sections

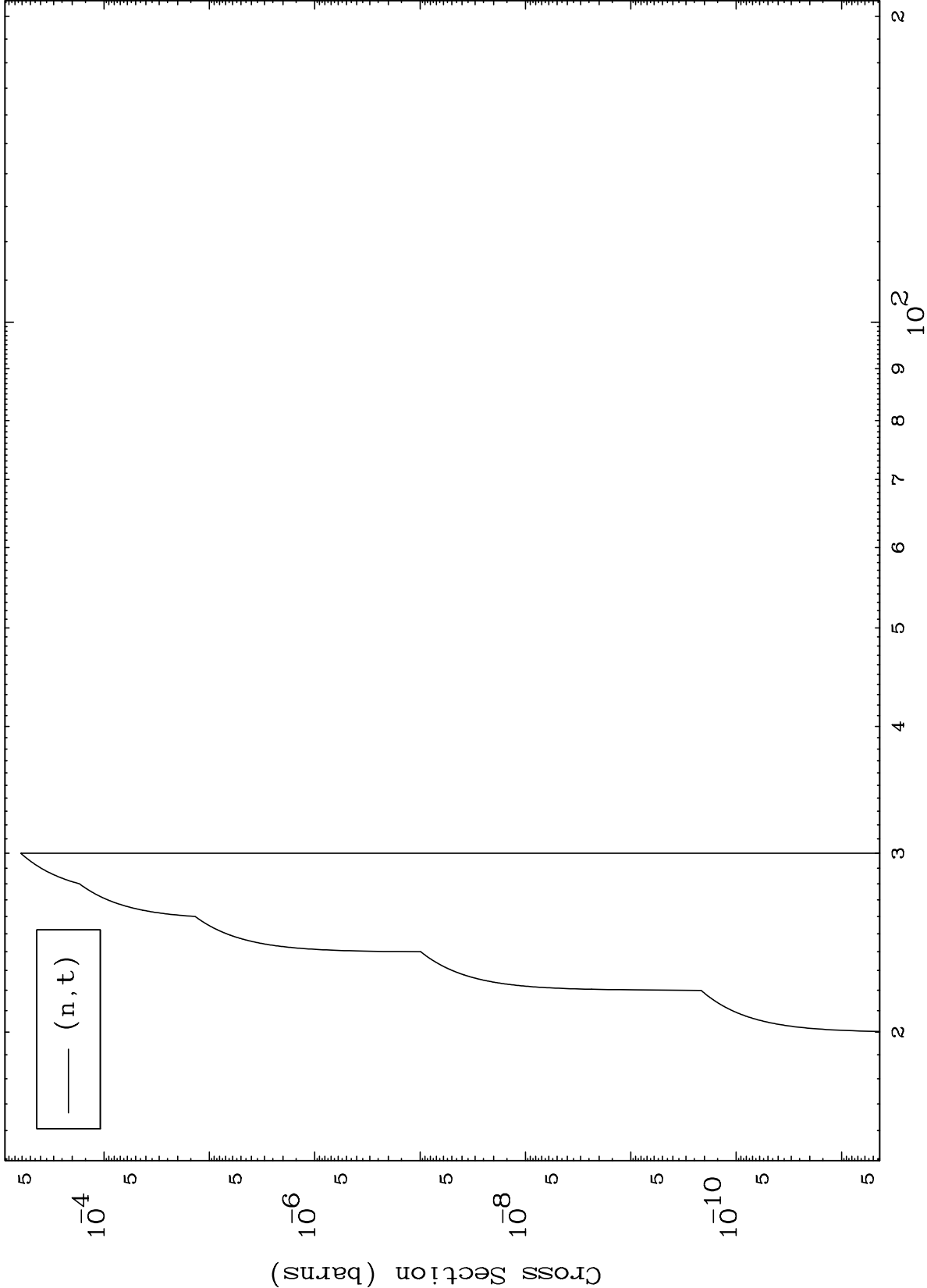
58-Ce-137m

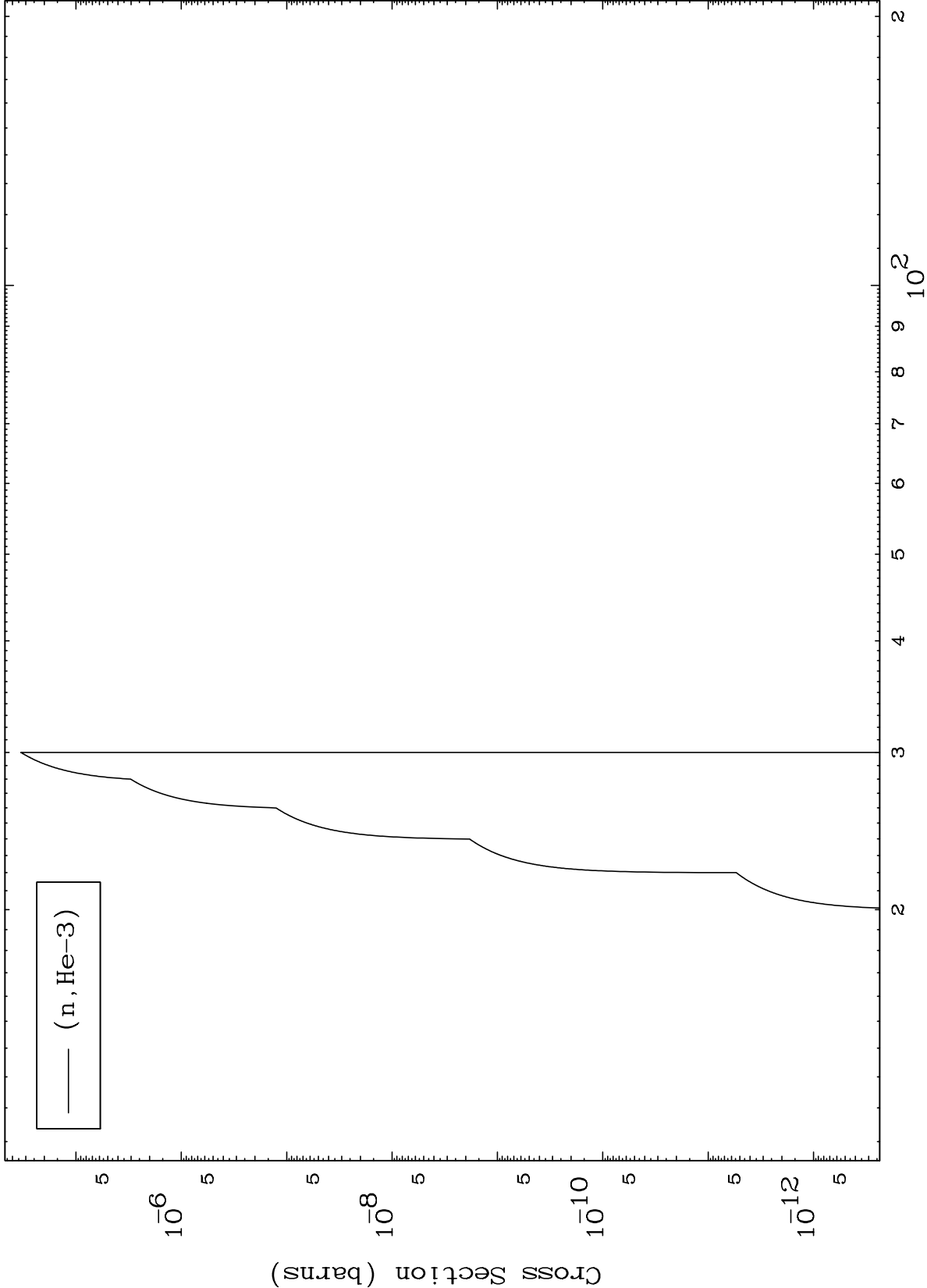


7

Incident Energy (MeV)

58-Ce-137m



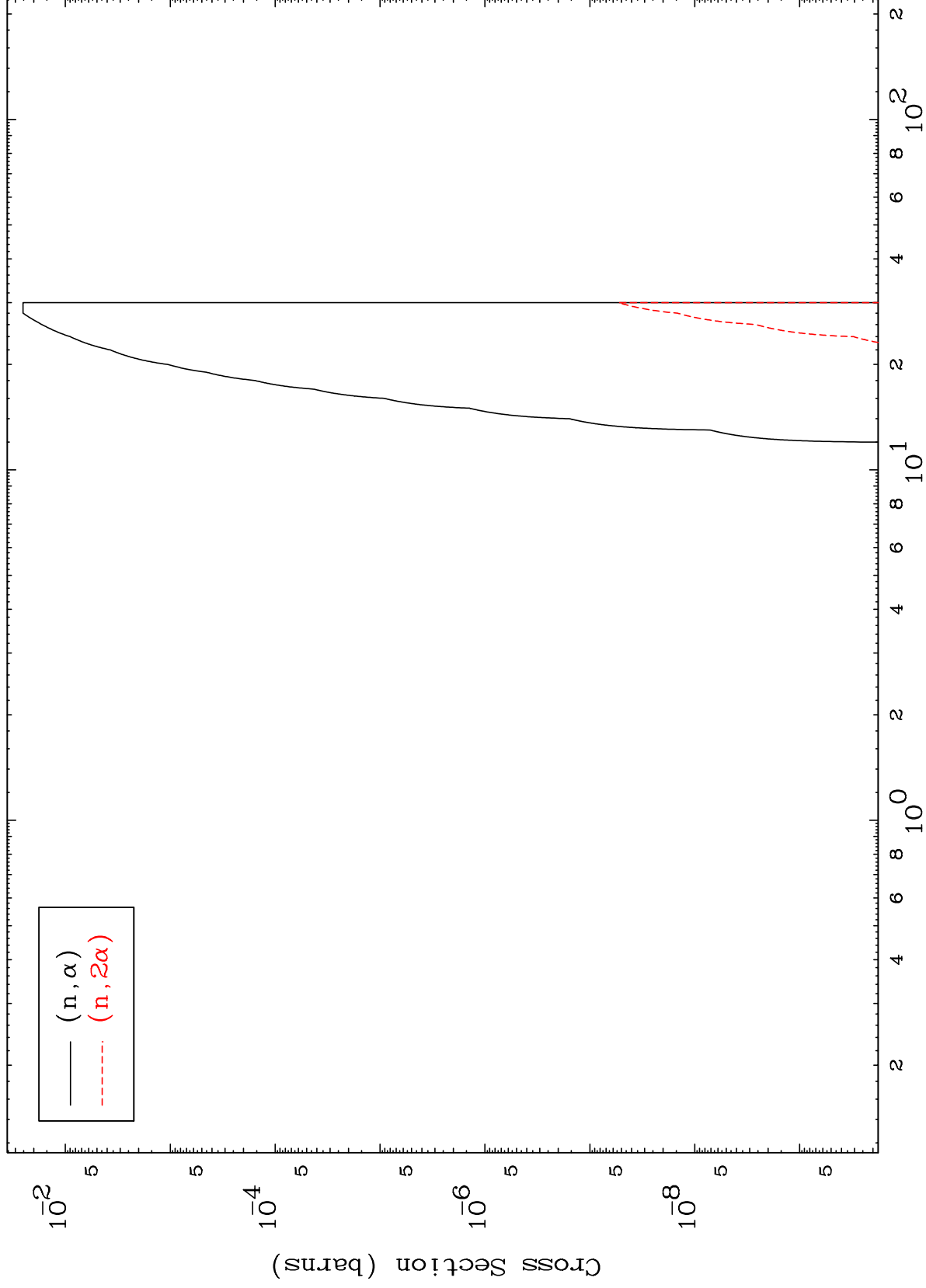


MAT 5829

(α, α) Levels

58-Ce-137m

0 Kelvin Cross Sections



10

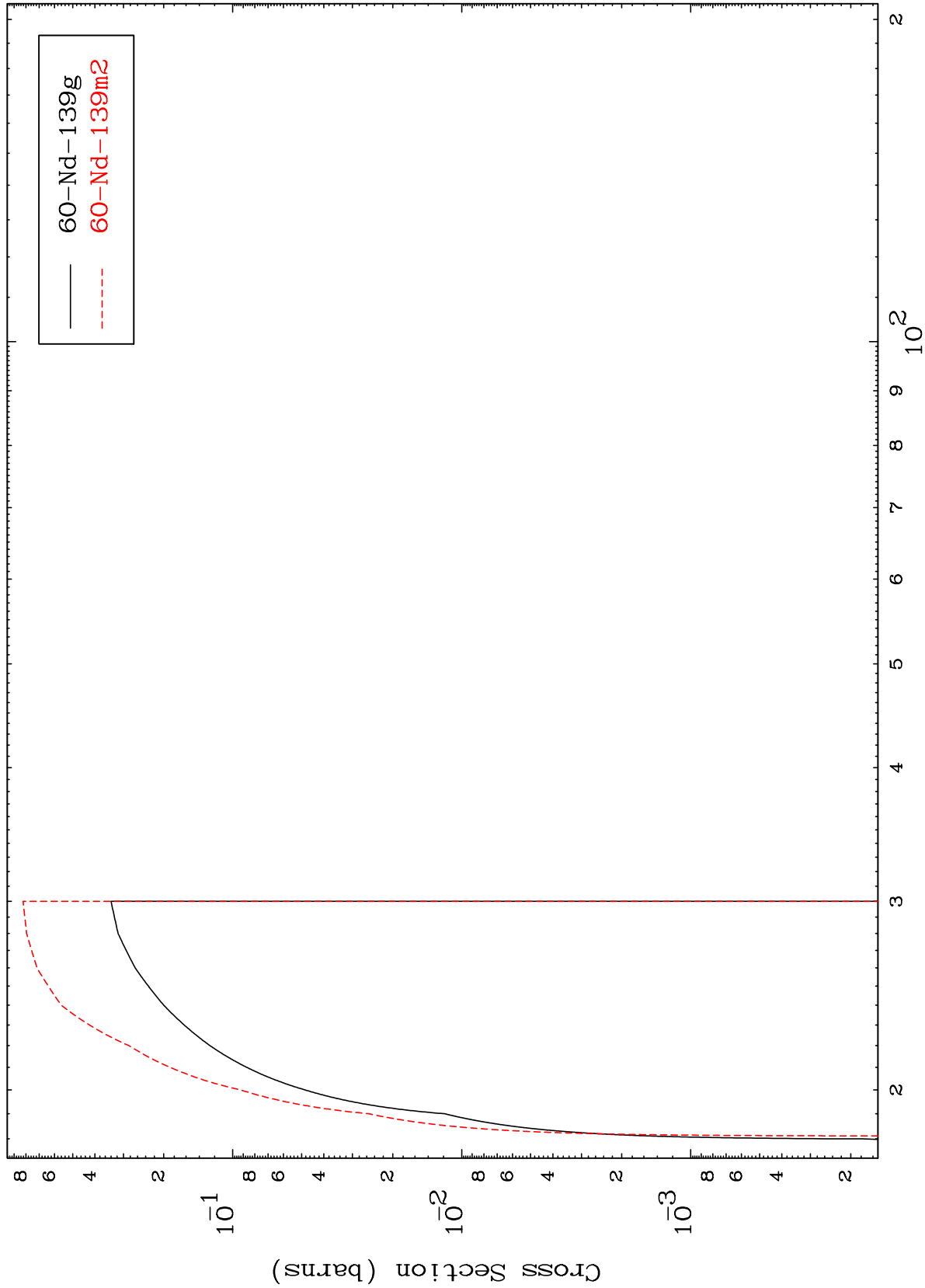
Incident Energy (MeV)

58-Ce-137m

MAT 5829

58-Ce-137m

(n,2n)
Radionuclide Production Cross Section



11

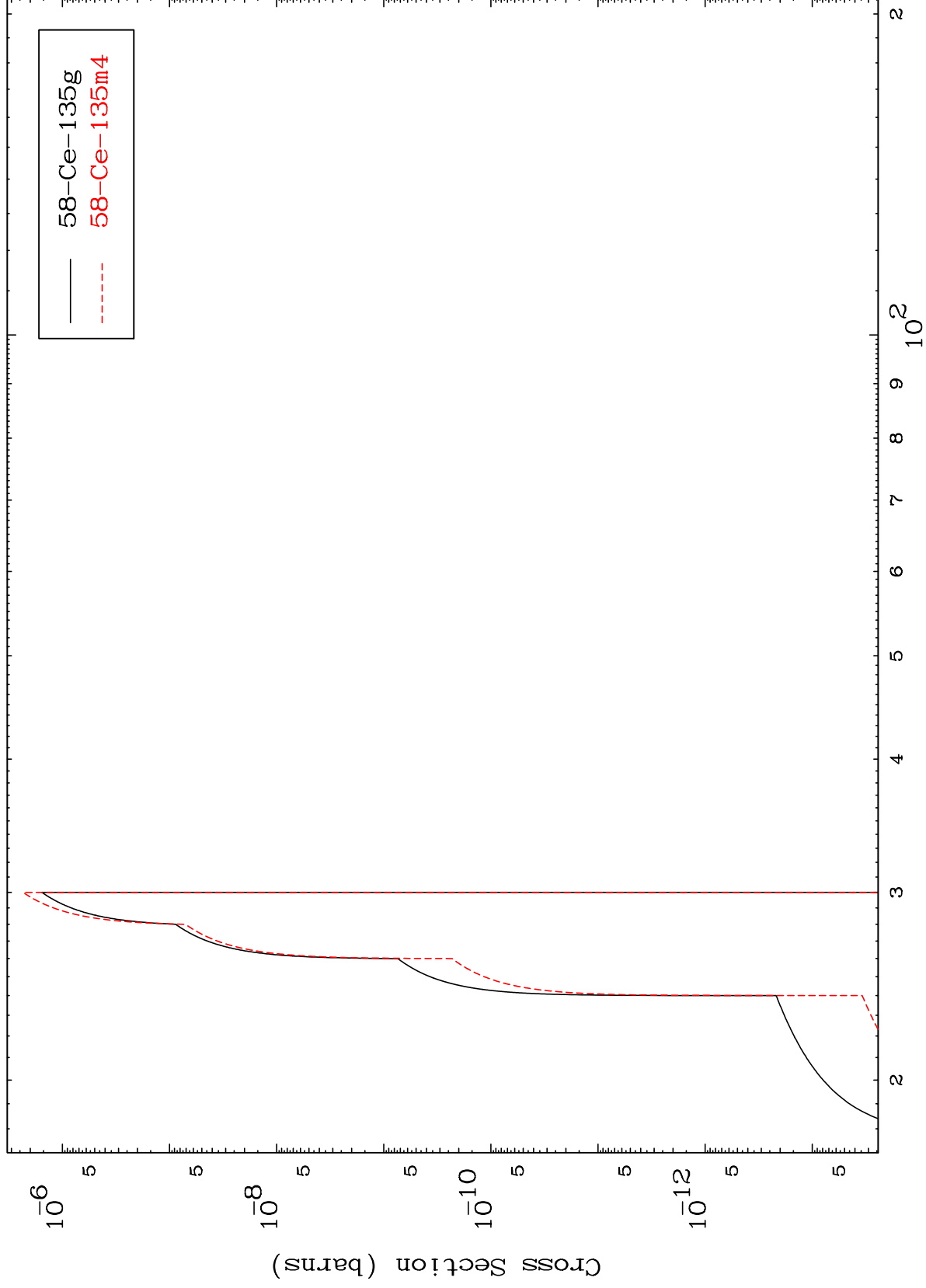
Incident Energy (MeV)

58-Ce-137m

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58-Ce-137m

(n,2n) α
Radionuclide Production Cross Section

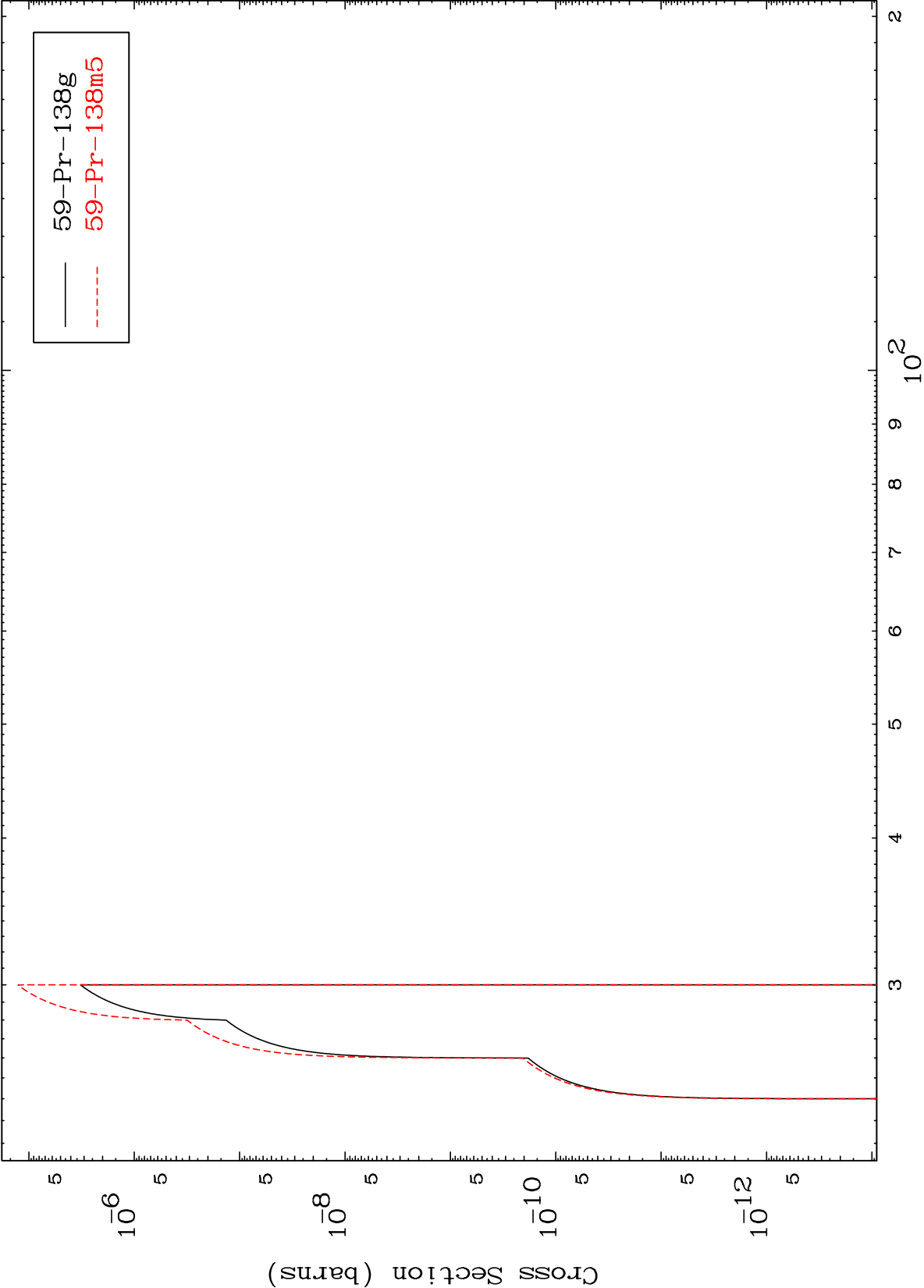


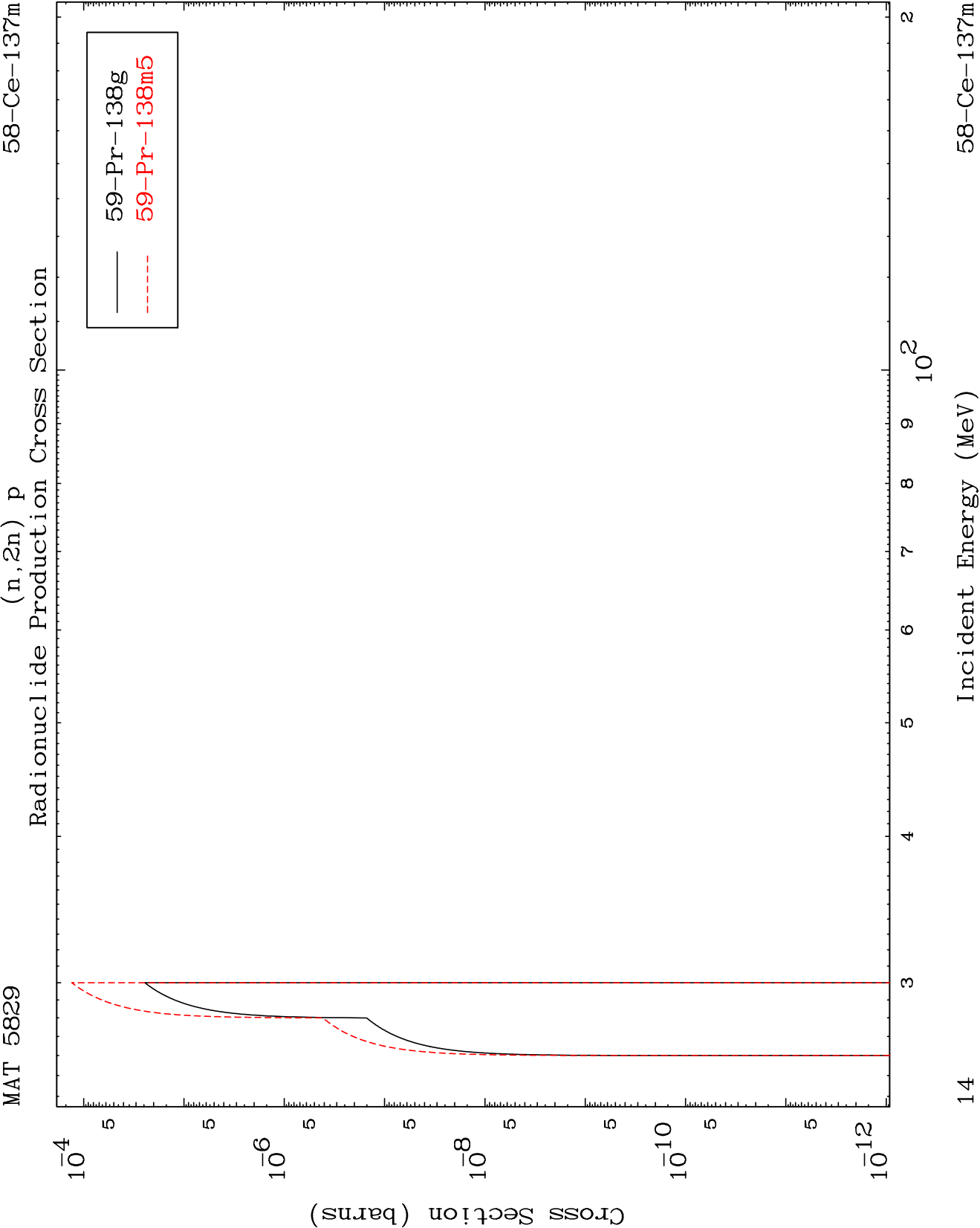
58-Ce-137m

Incident Energy (MeV)

12

(n,n') d
Radionuclide Production Cross Section

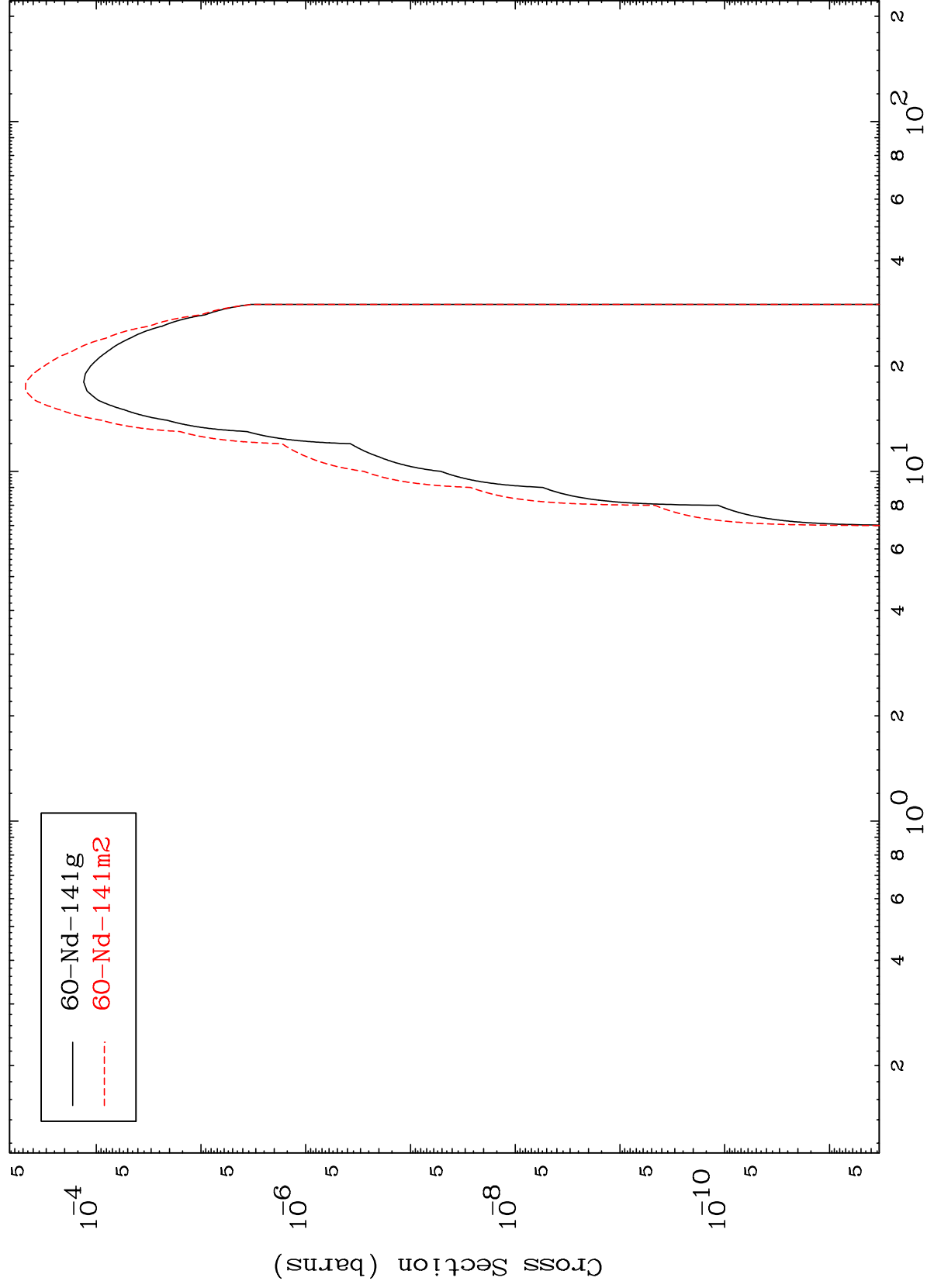




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58-Ce-137m

Radionuclide Production Cross Section
(n, γ)

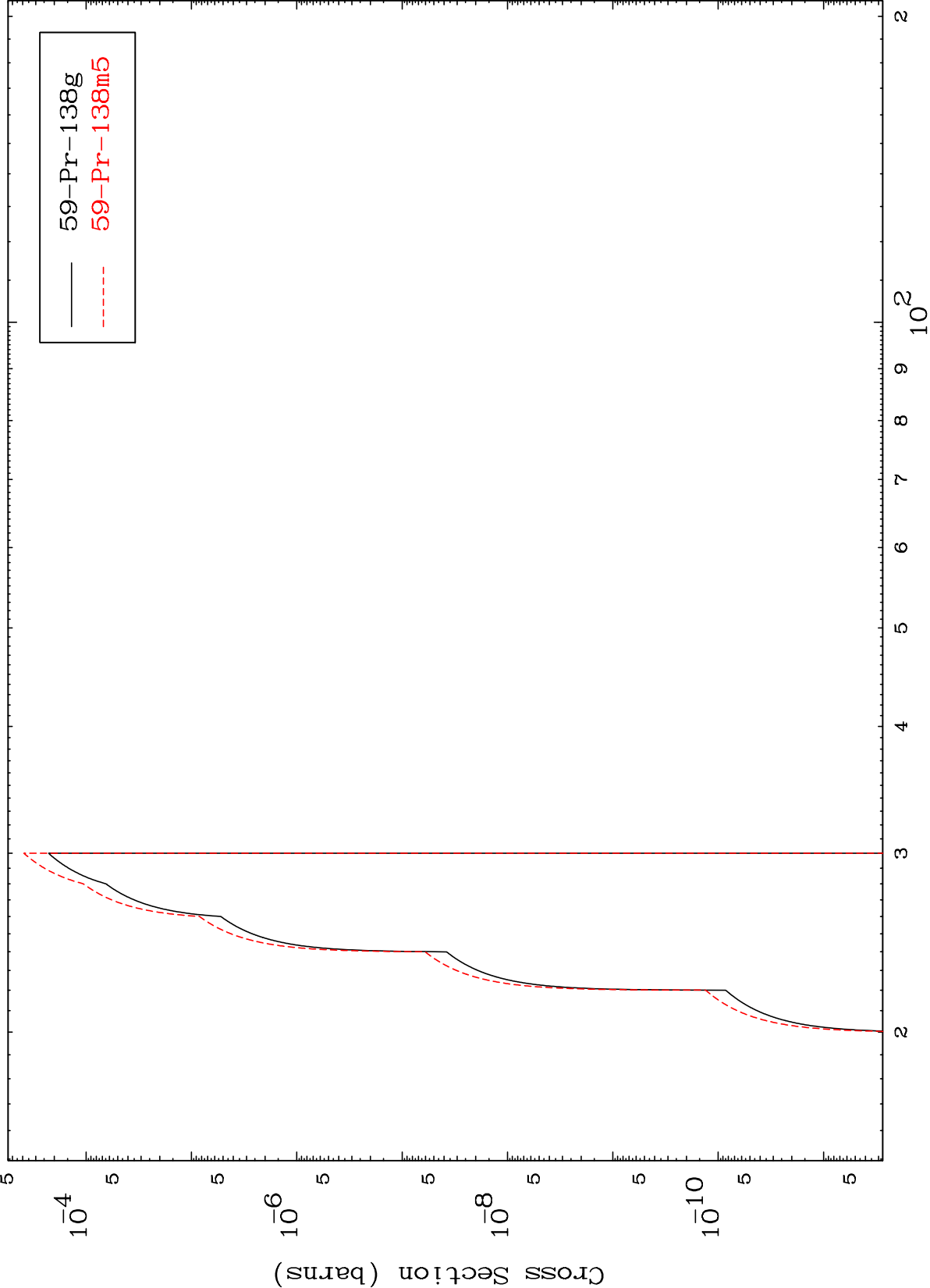


15

Incident Energy (MeV)

58-Ce-137m

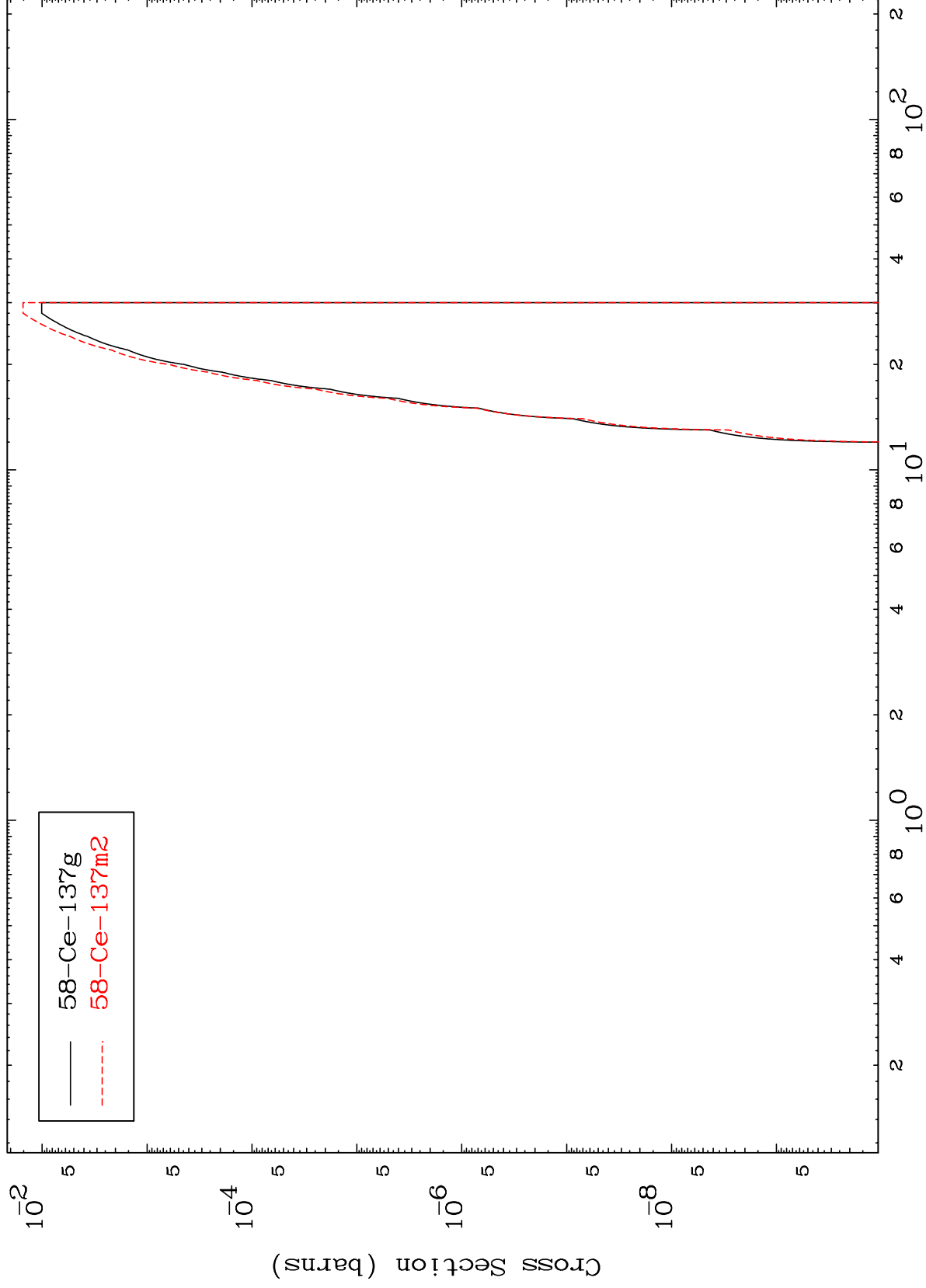
(n,t)
Radionuclide Production Cross Section



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58-Ce-137m

Radionuclide Production Cross Section
(n, α)



17

Incident Energy (MeV)

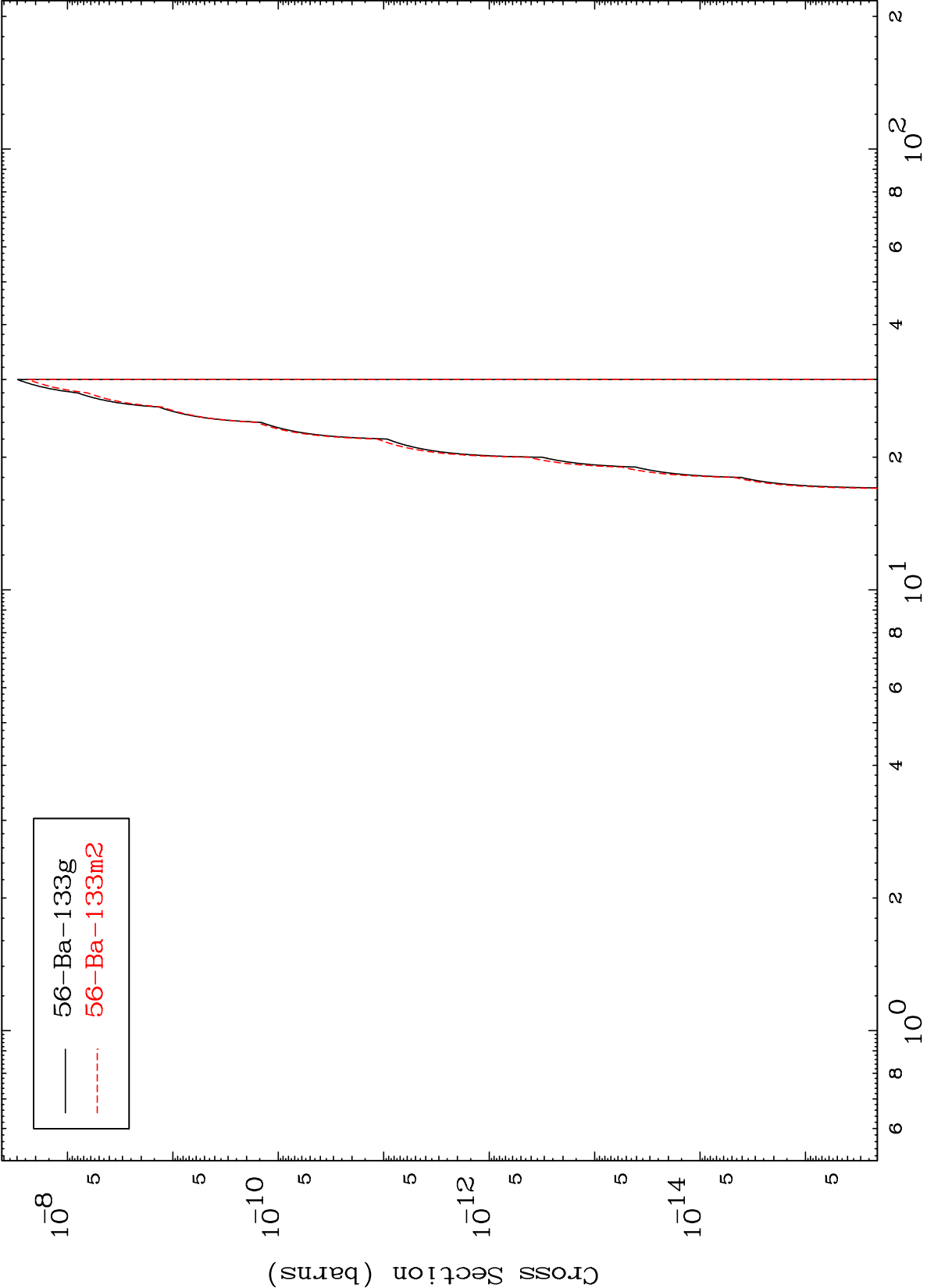
58-Ce-137m

MAT 5829

(n,2α)

58-Ce-137m

Radionuclide Production Cross Section



Incident Energy (MeV)

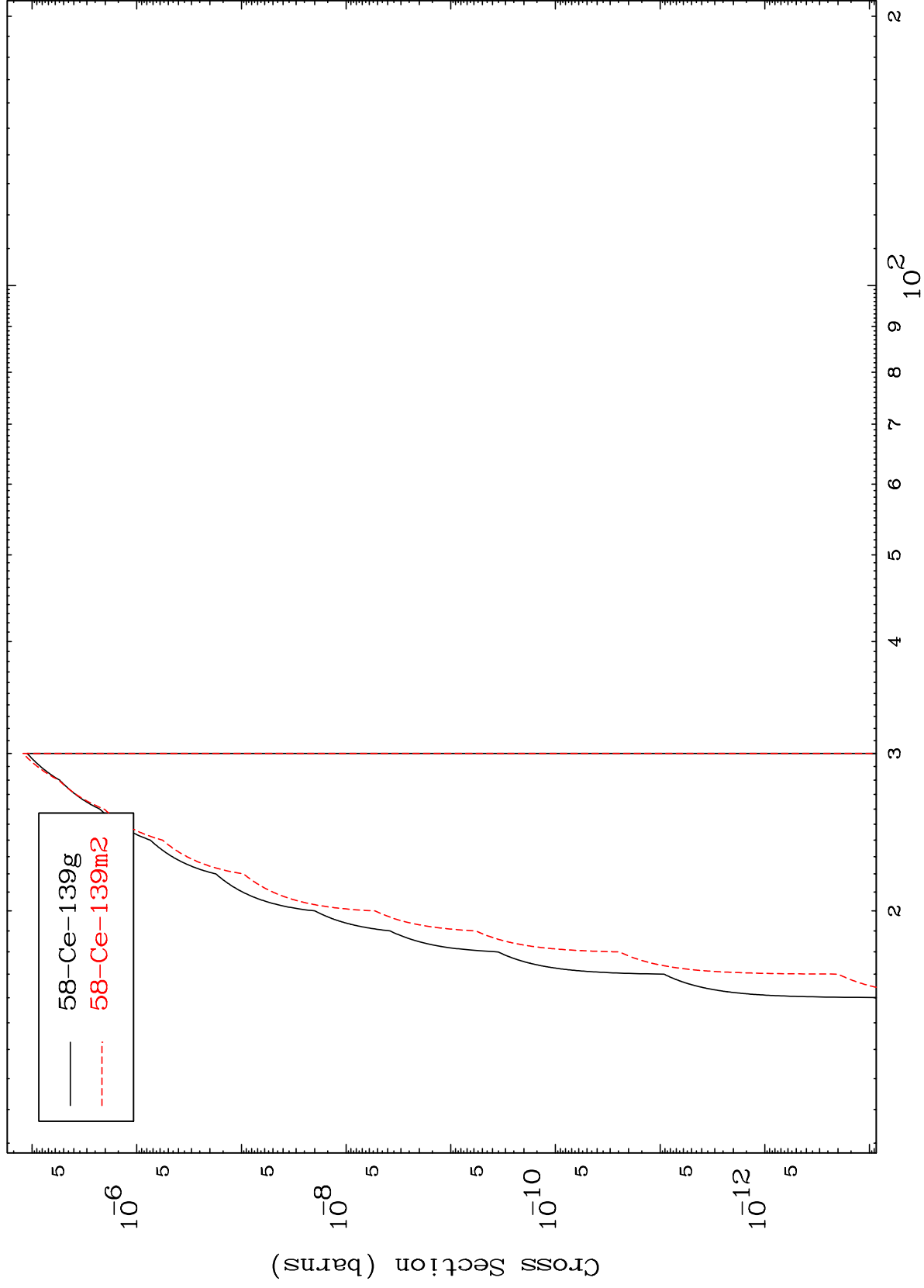
58-Ce-137m

18

MAT 5829

58-Ce-137m

(n,2p)
Radionuclide Production Cross Section



19

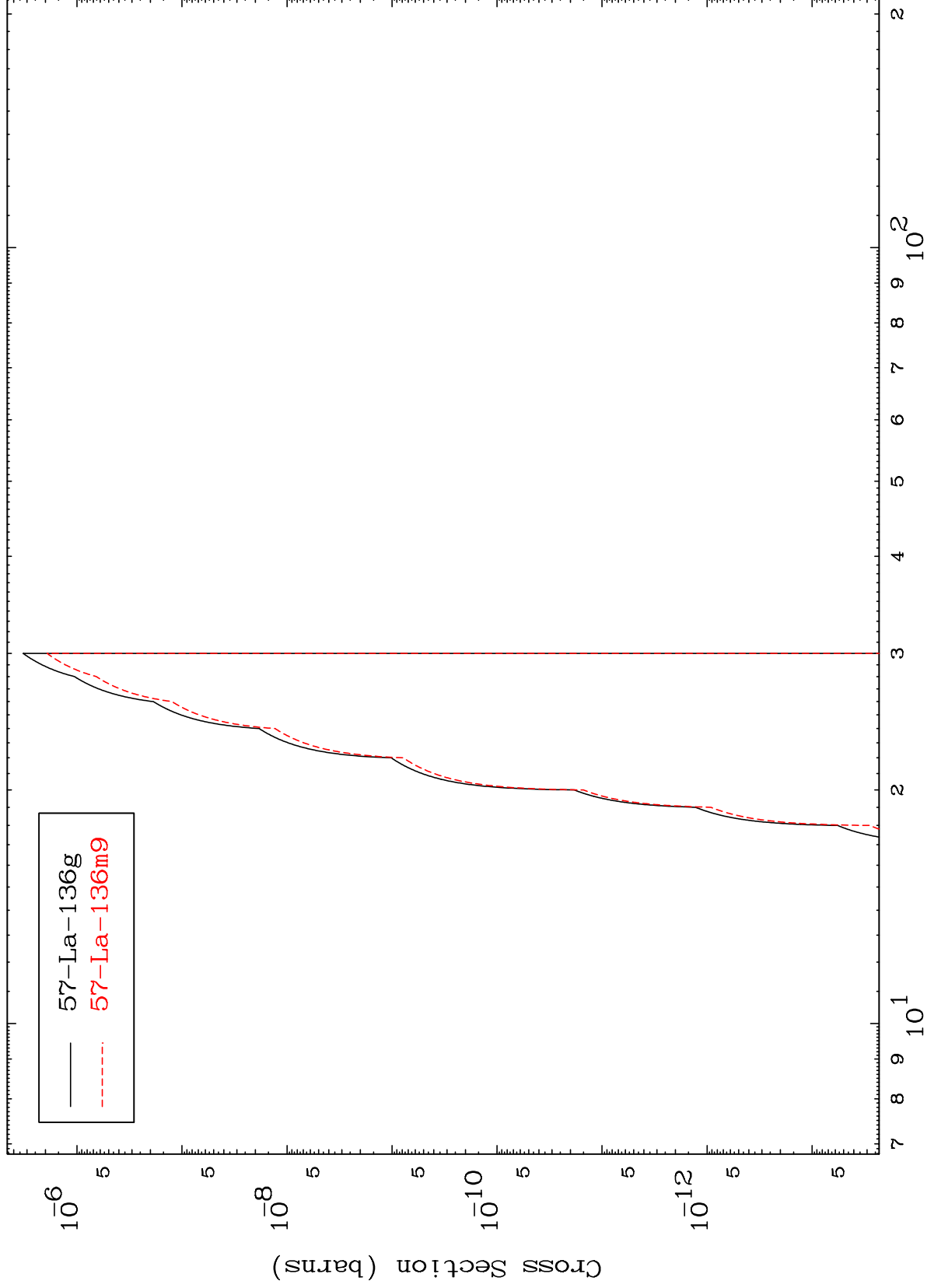
Incident Energy (MeV)

58-Ce-137m

MAT 5829

58-Ce-137m

(n,p) α
Radionuclide Production Cross Section



Incident Energy (MeV)

58-Ce-137m

20