

Program EVALPLOT
(Version 2021-1)

by

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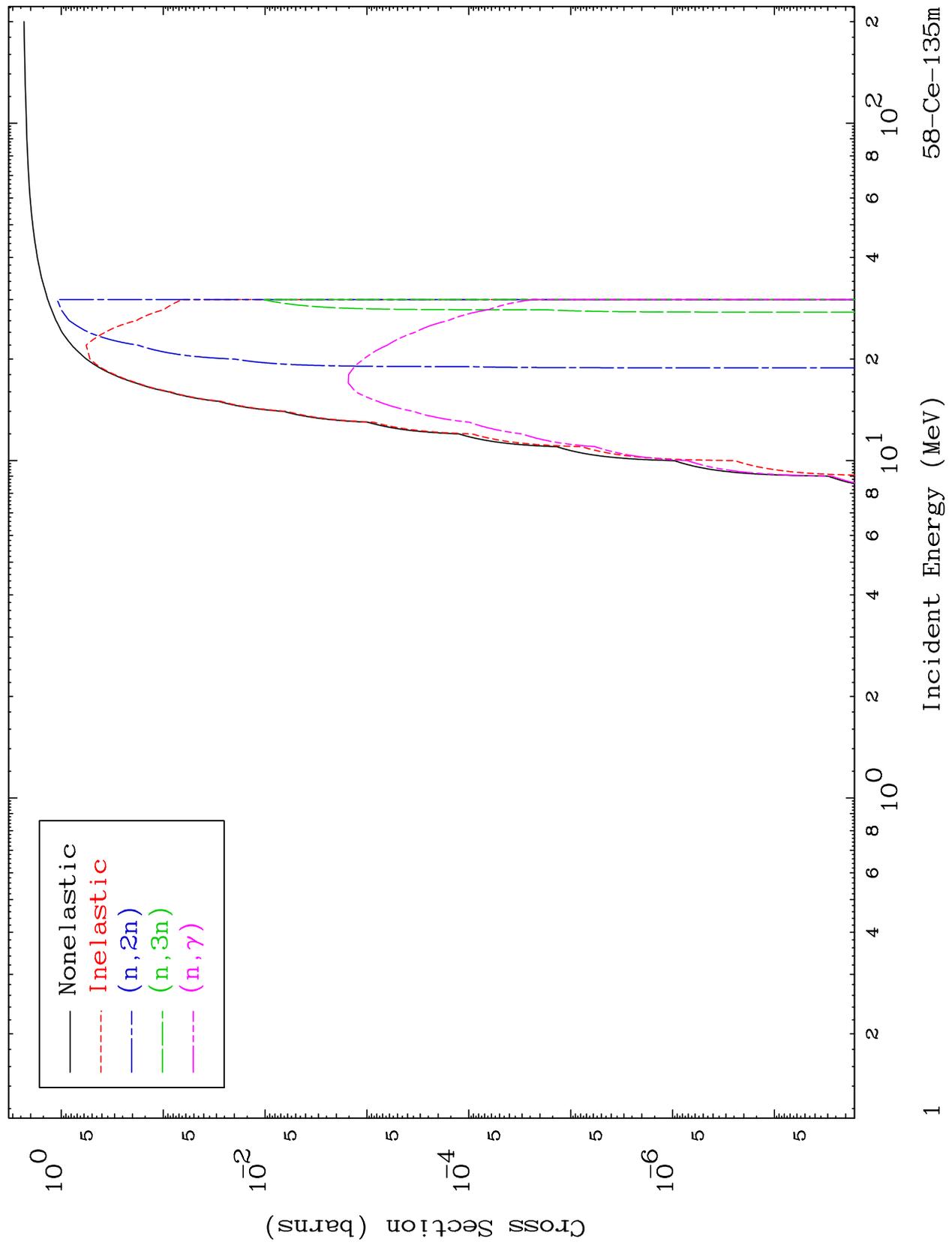
Press Mouse Button to Start

MAT 5823

0 Kelvin

α Major Cross Sections

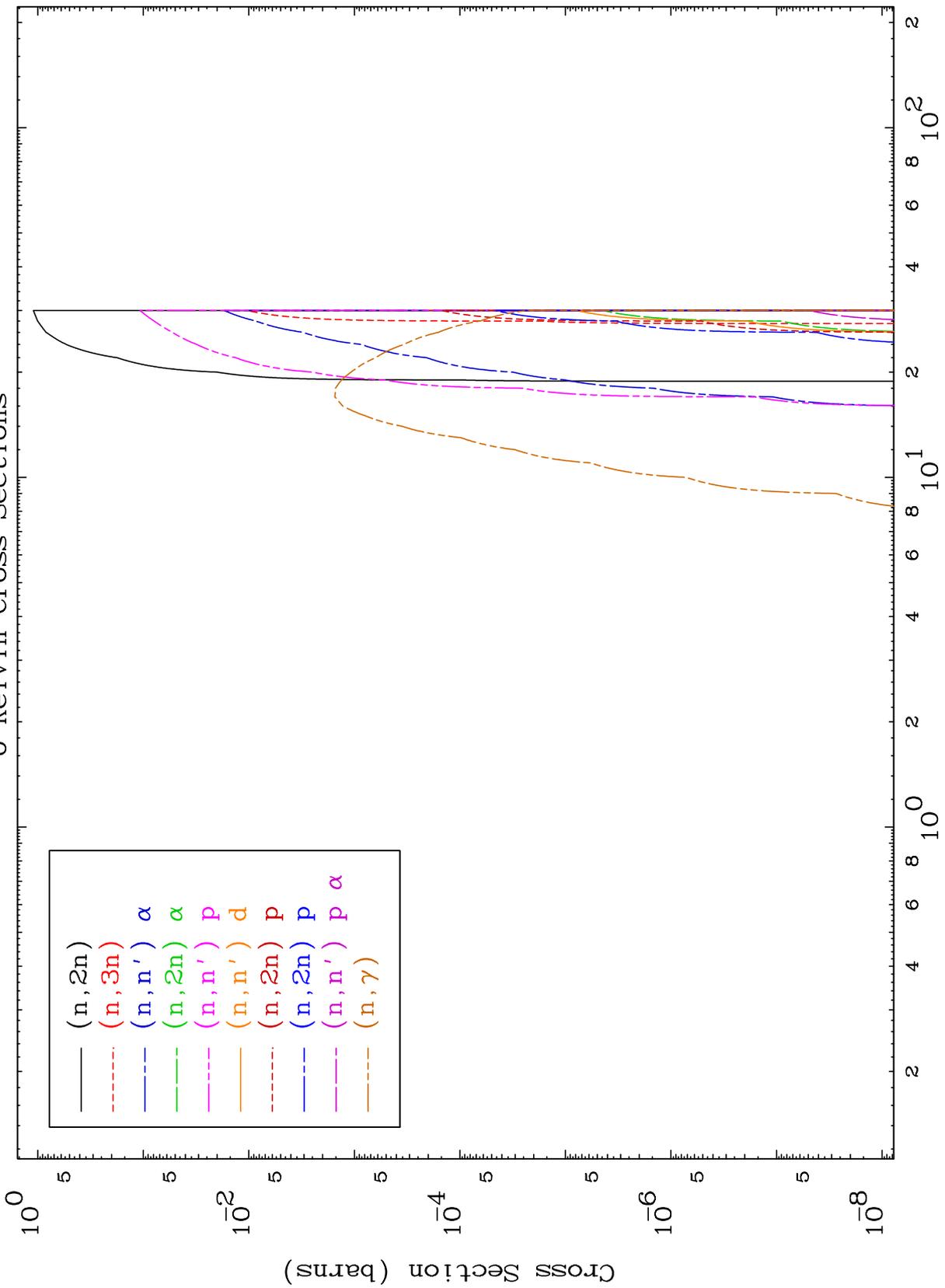
58-Ce-135m



MAT 5823

α Neutron Absorption
0 Kelvin Cross Sections

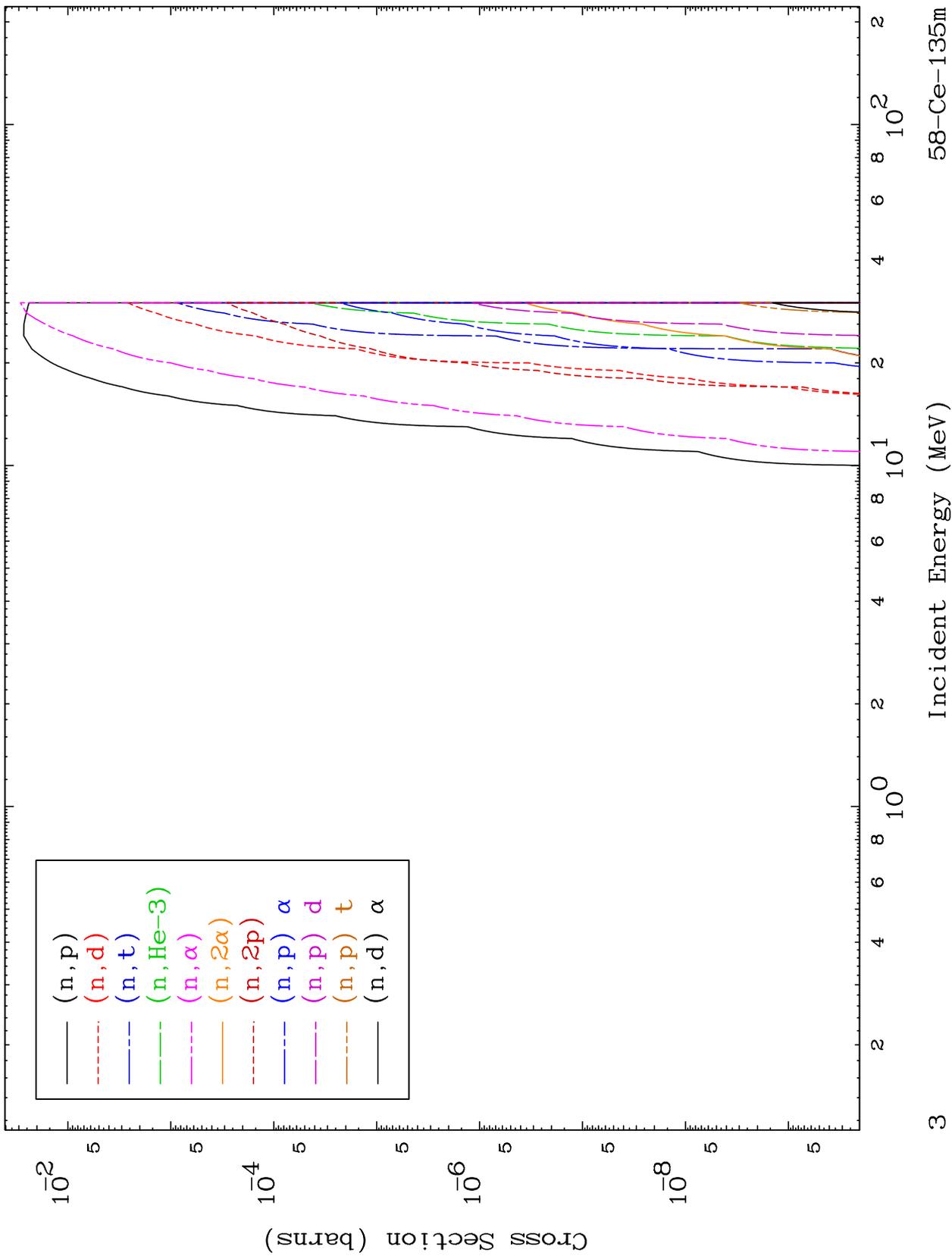
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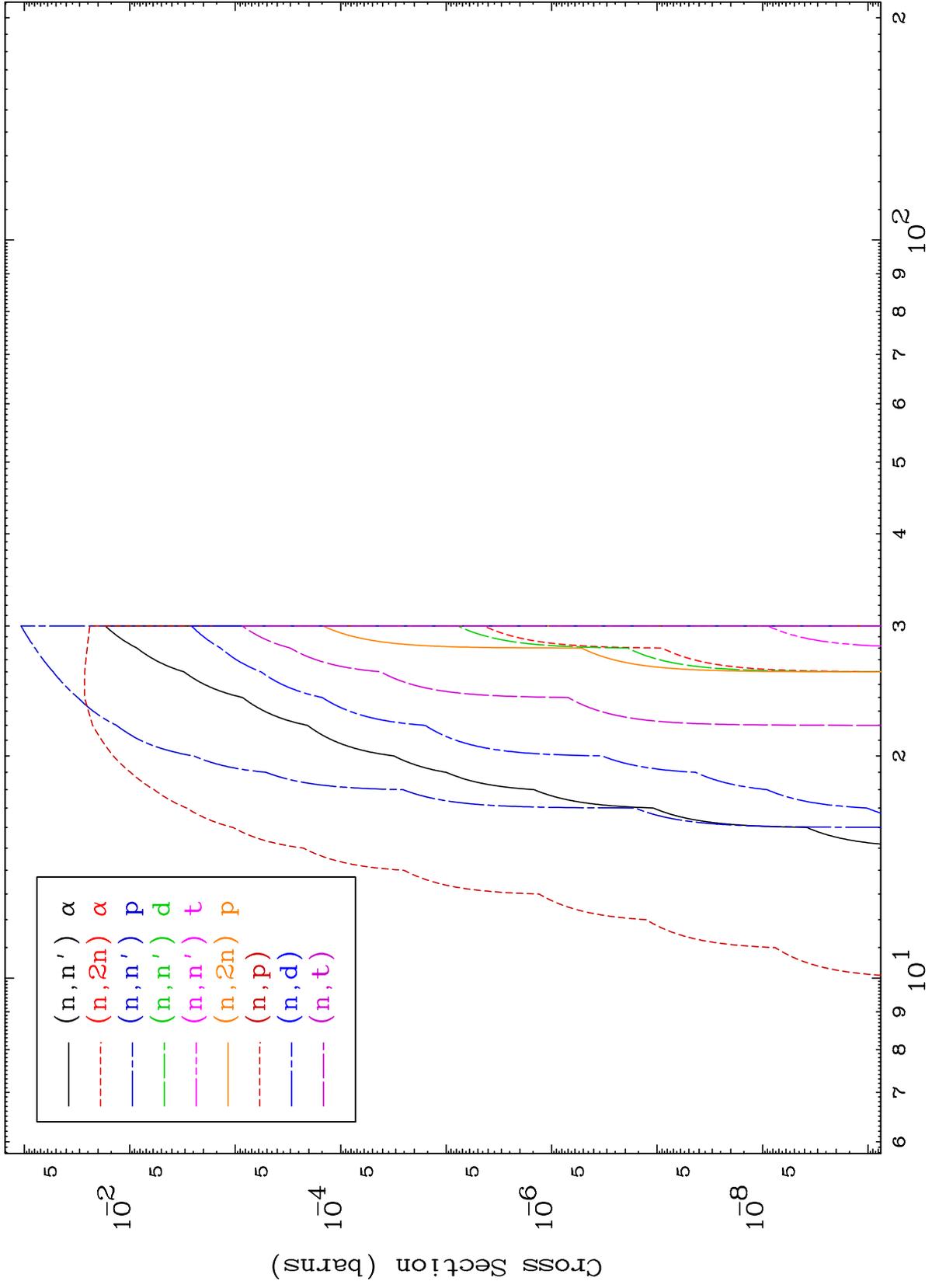


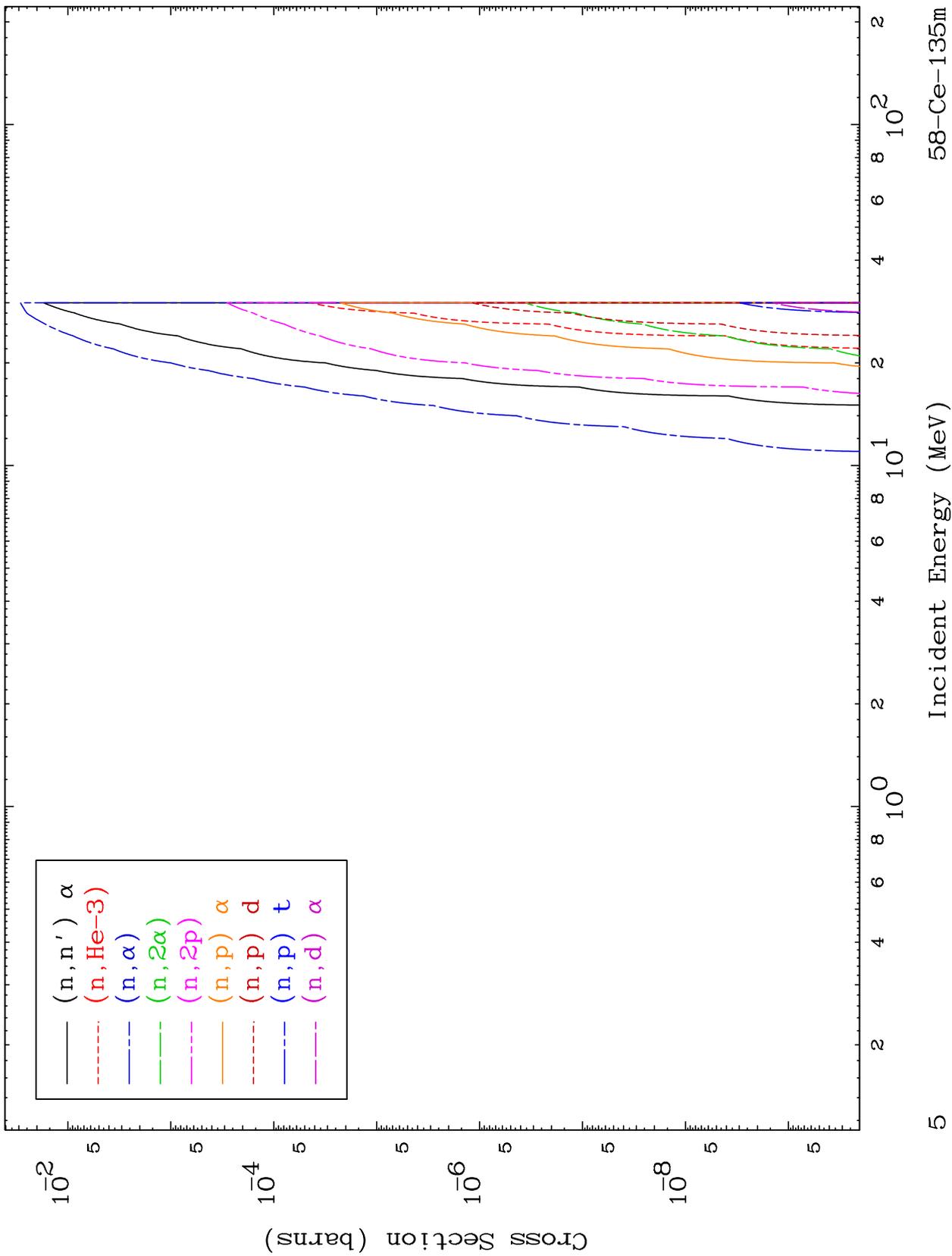
MAT 5823

α Neutron Absorption
0 Kelvin Cross Sections

58-Ce-135m





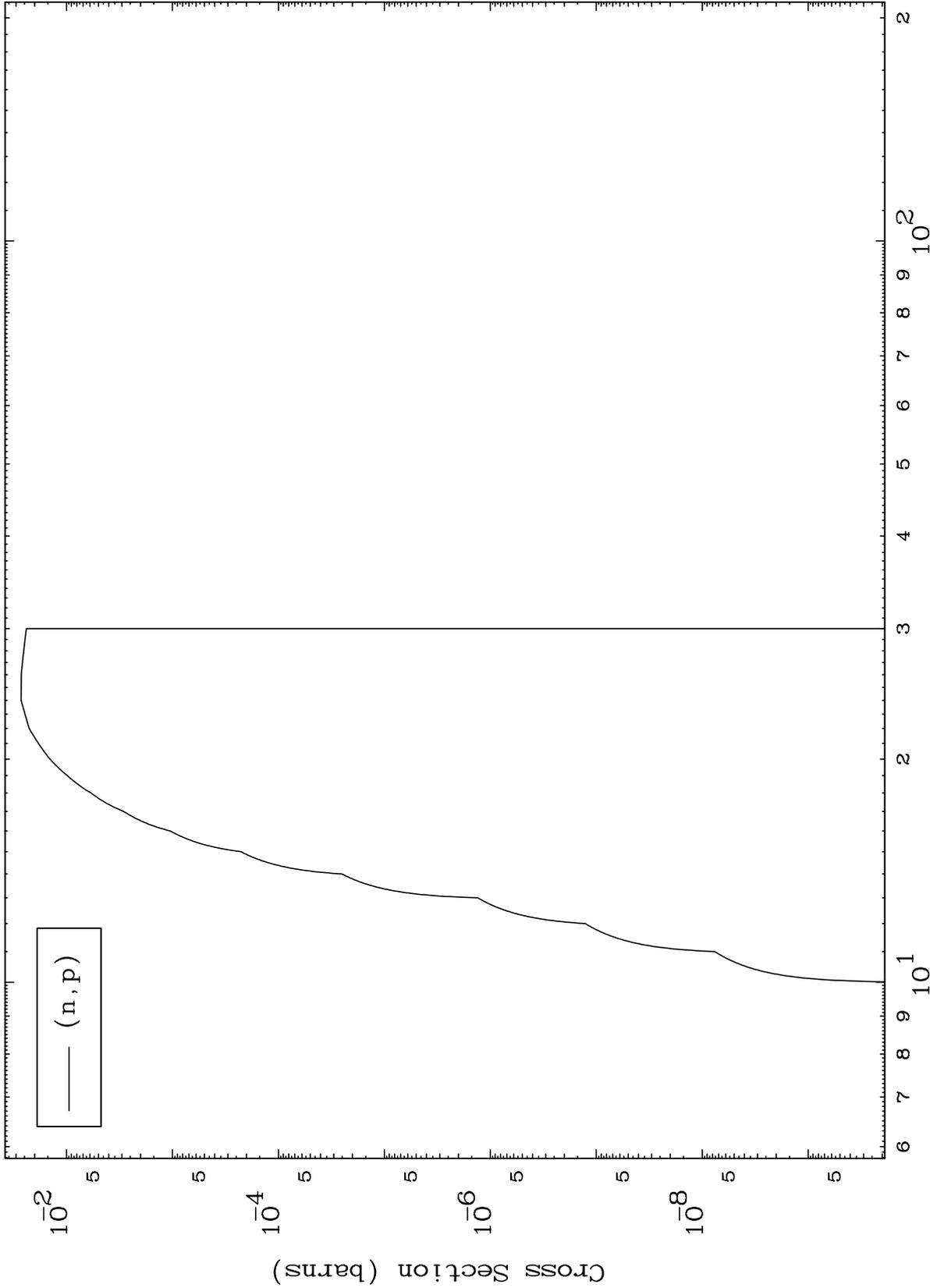


MAT 5823

(α, p) Levels

58-Ce-135m

0 Kelvin Cross Sections



6

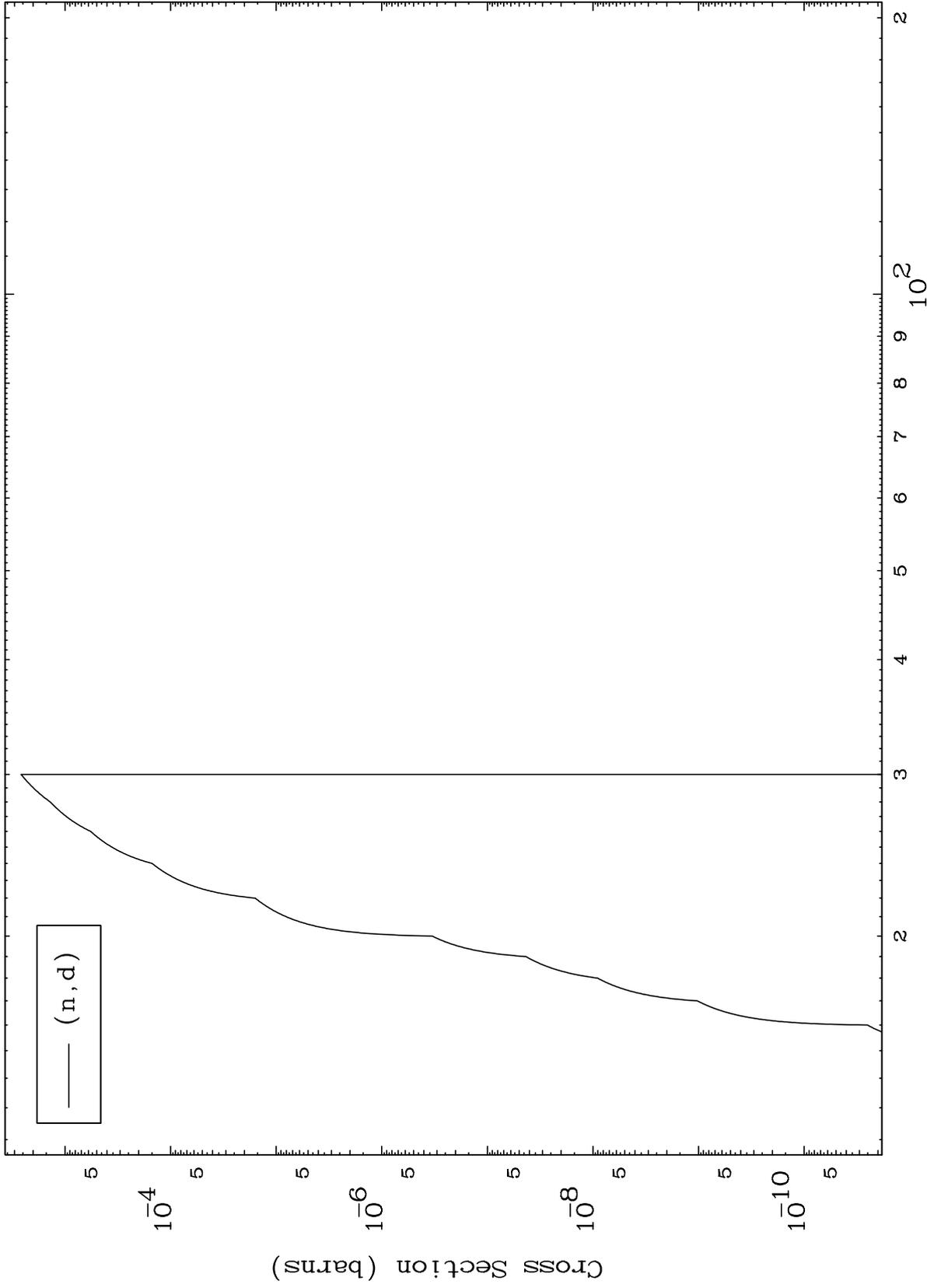
Incident Energy (MeV)

58-Ce-135m

MAT 5823

(α, d) Levels
0 Kelvin Cross Sections

58-Ce-135m



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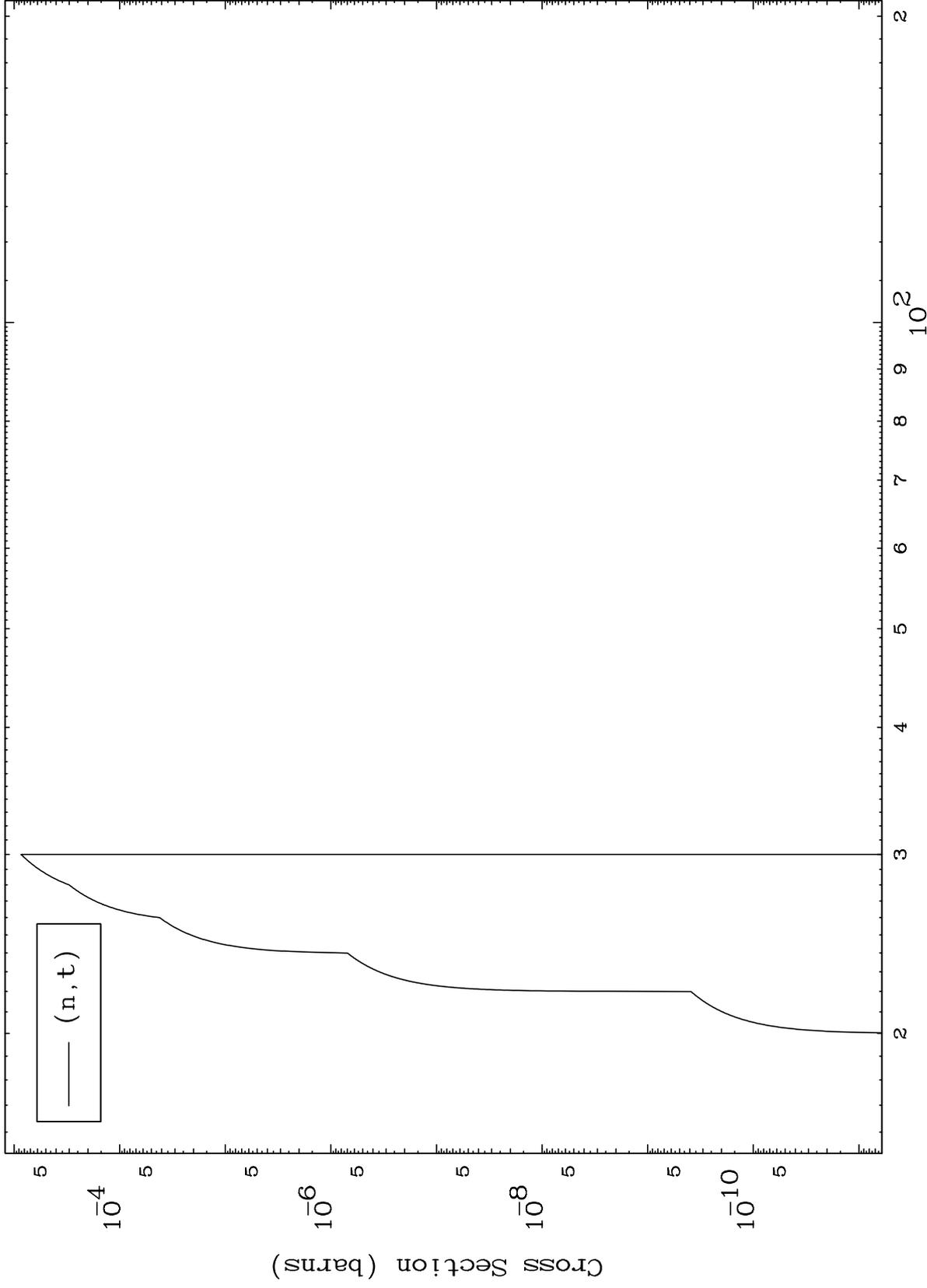
Incident Energy (MeV)

58-Ce-135m

MAT 5823

(α, t) Levels
0 Kelvin Cross Sections

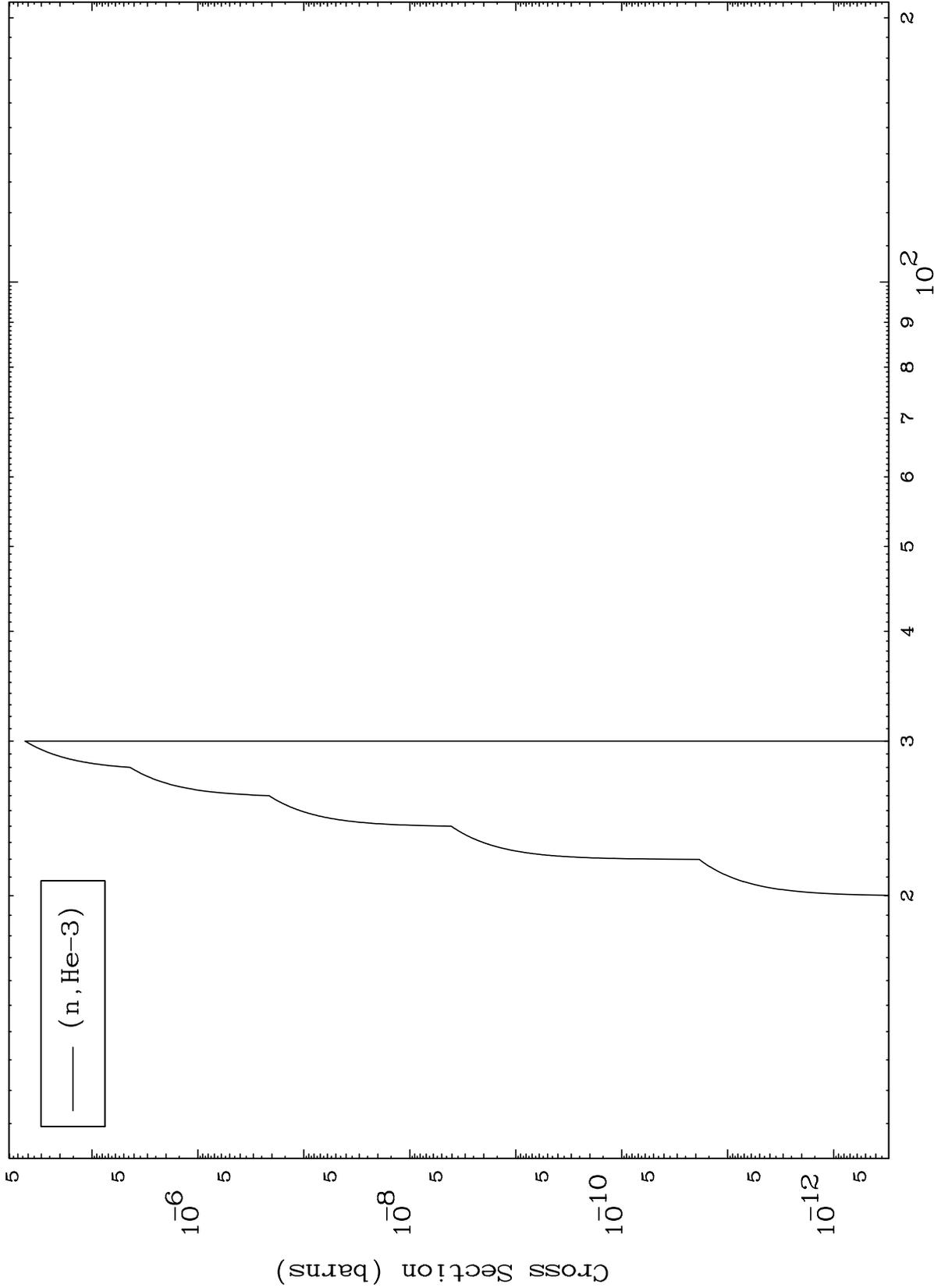
58-Ce-135m



8

Incident Energy (MeV)

58-Ce-135m

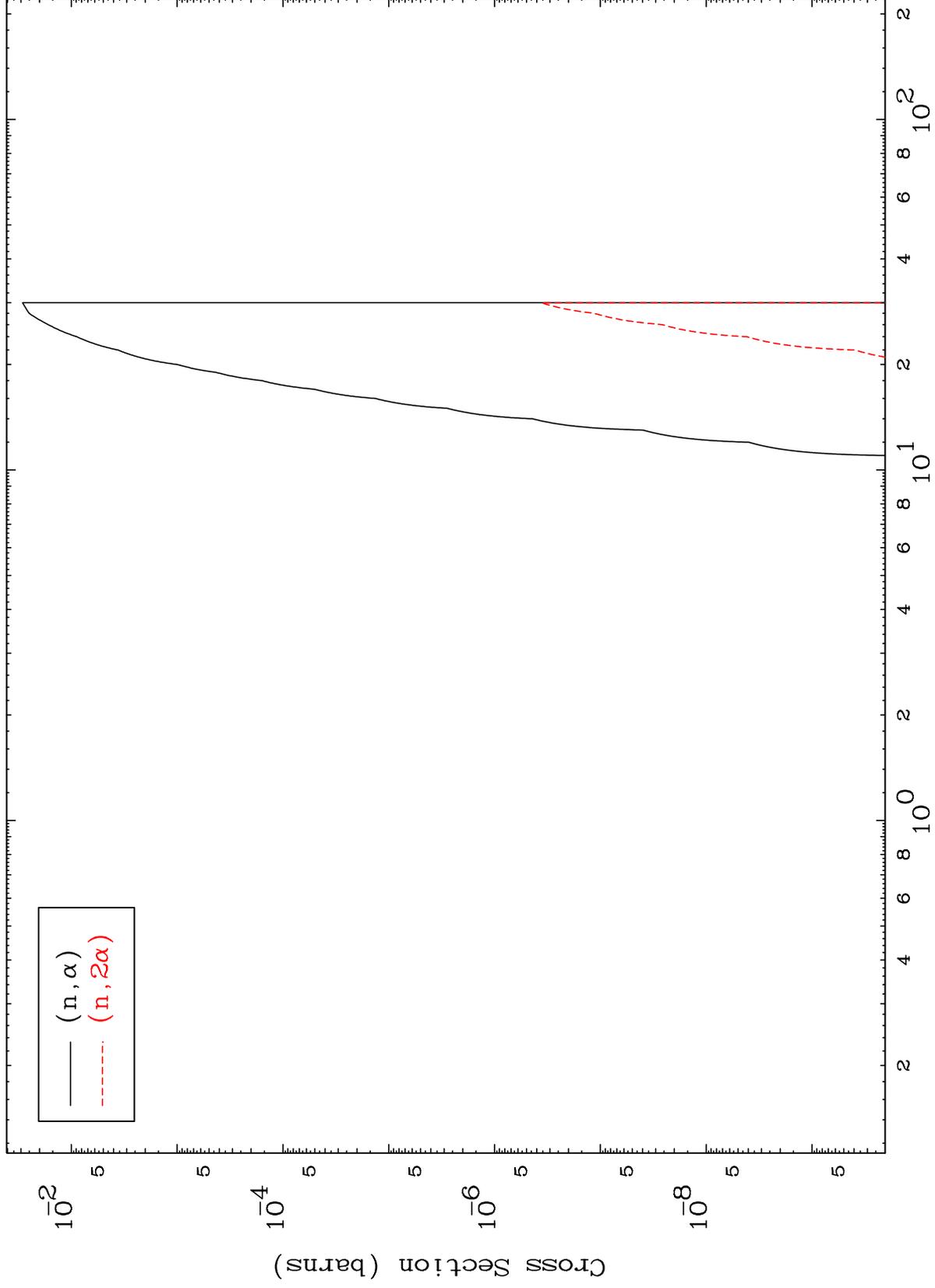


MAT 5823

(α, α) Levels

58-Ce-135m

0 Kelvin Cross Sections



10

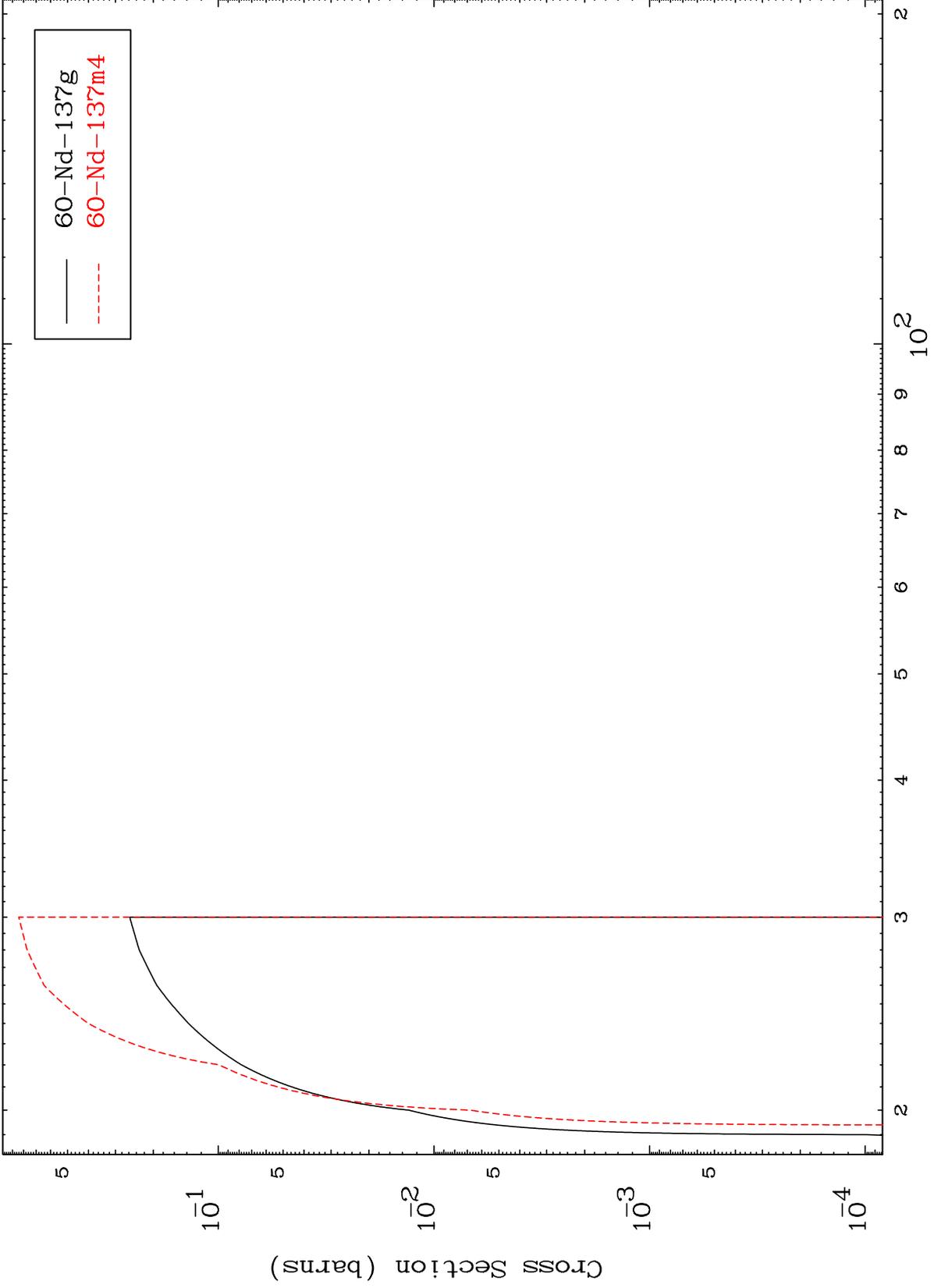
Incident Energy (MeV)

58-Ce-135m

MAT 5823

58-Ce-135m

(n,2n)
Radionuclide Production Cross Section



11

Incident Energy (MeV)

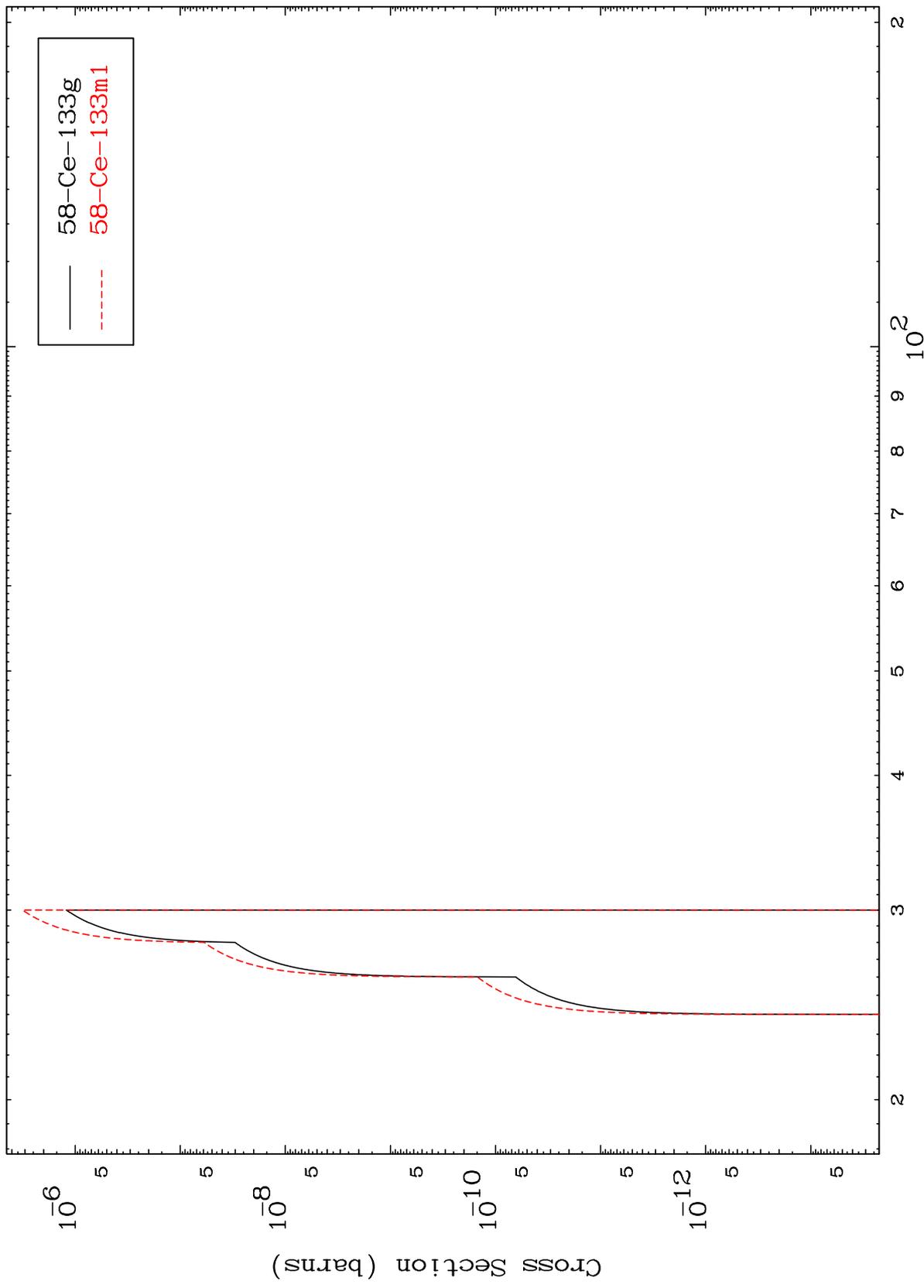
58-Ce-135m

MAT 5823

58-Ce-135m

(n,2n) α

Radionuclide Production Cross Section



12

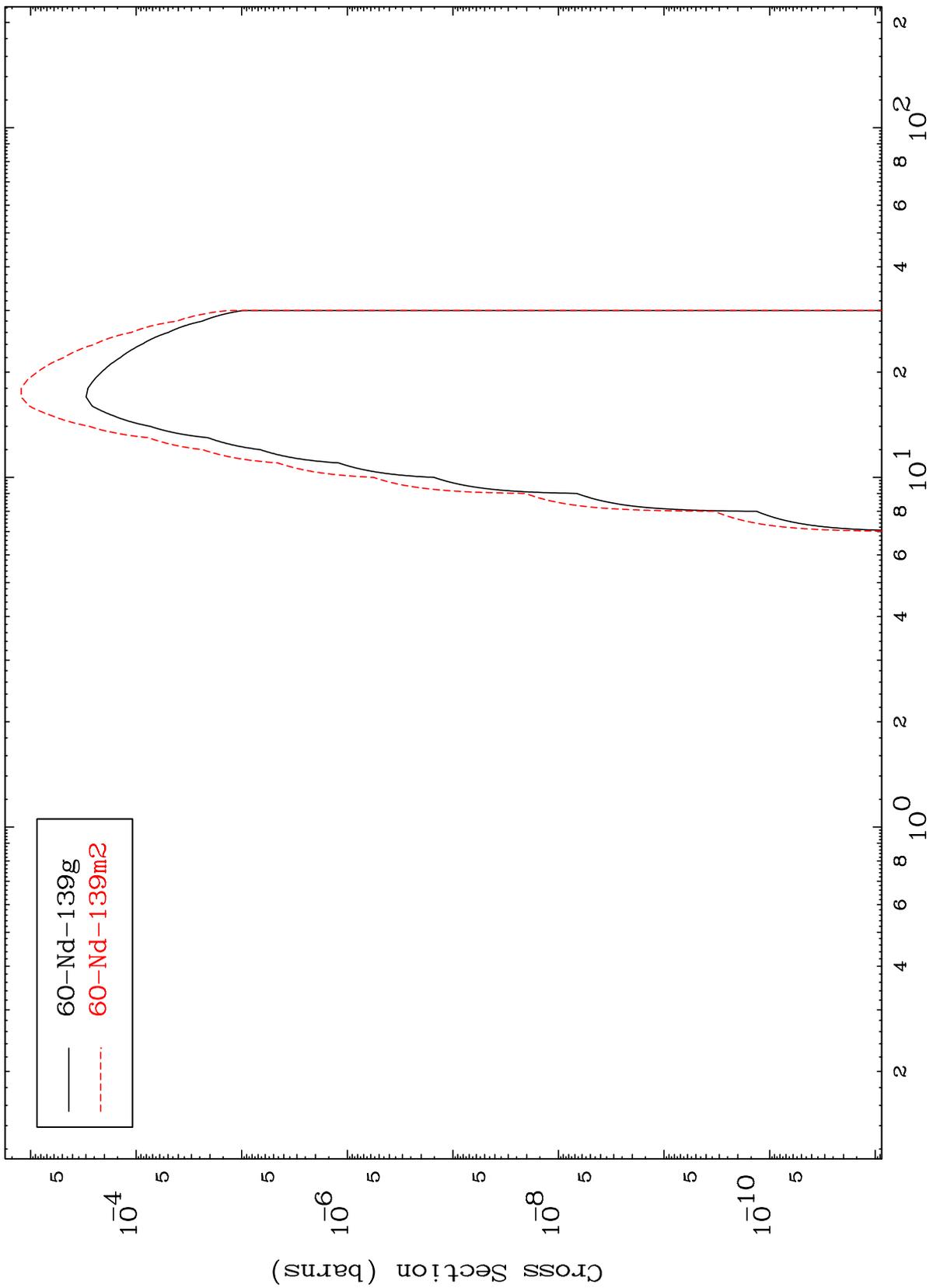
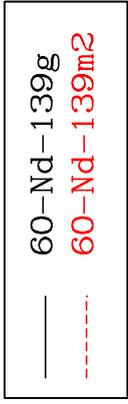
Incident Energy (MeV)

58-Ce-135m

MAT 5823

58-Ce-135m

Radionuclide Production Cross Section



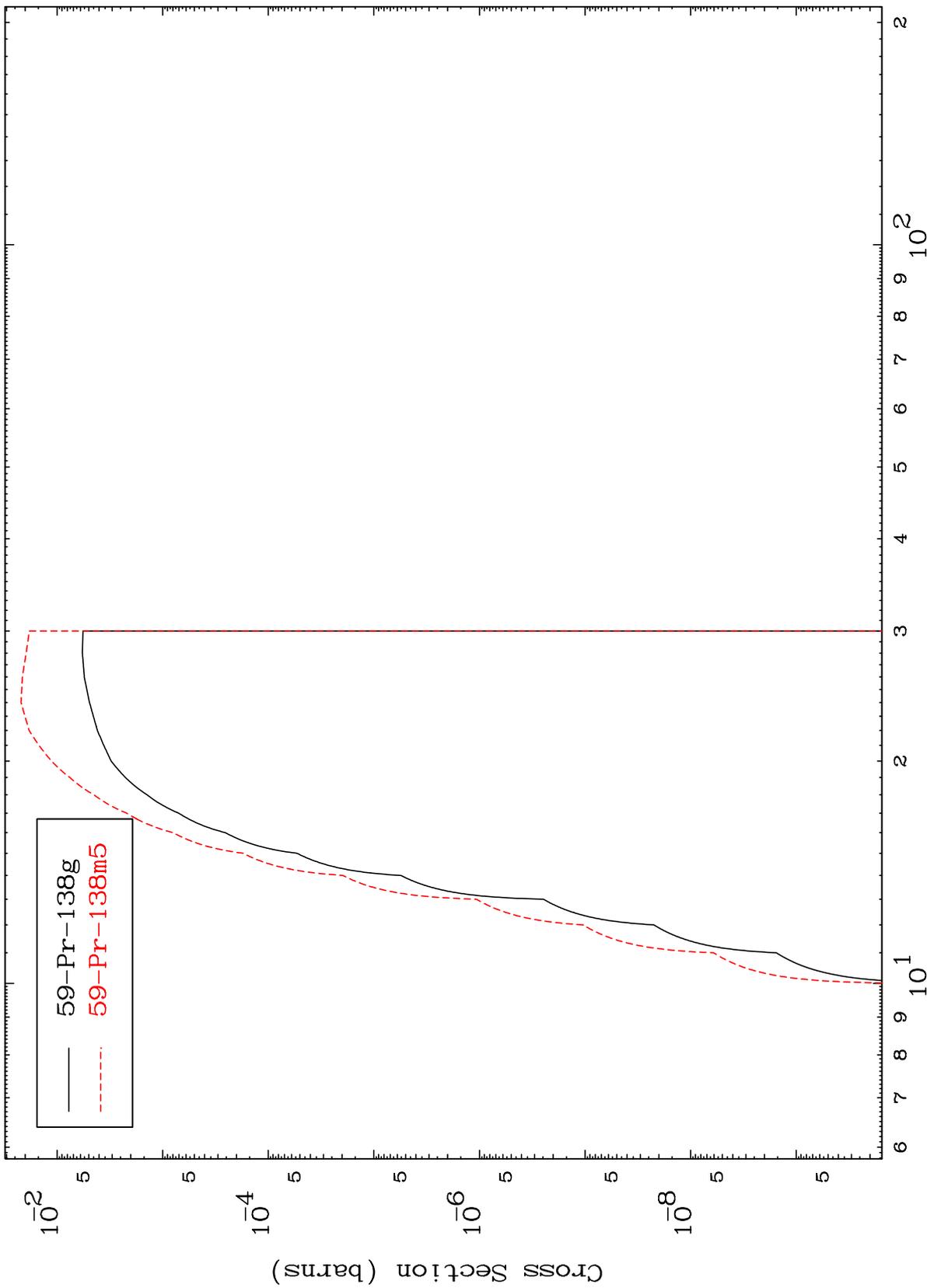
58-Ce-135m

Incident Energy (MeV)

MAT 5823

58-Ce-135m

(n,p)
Radionuclide Production Cross Section



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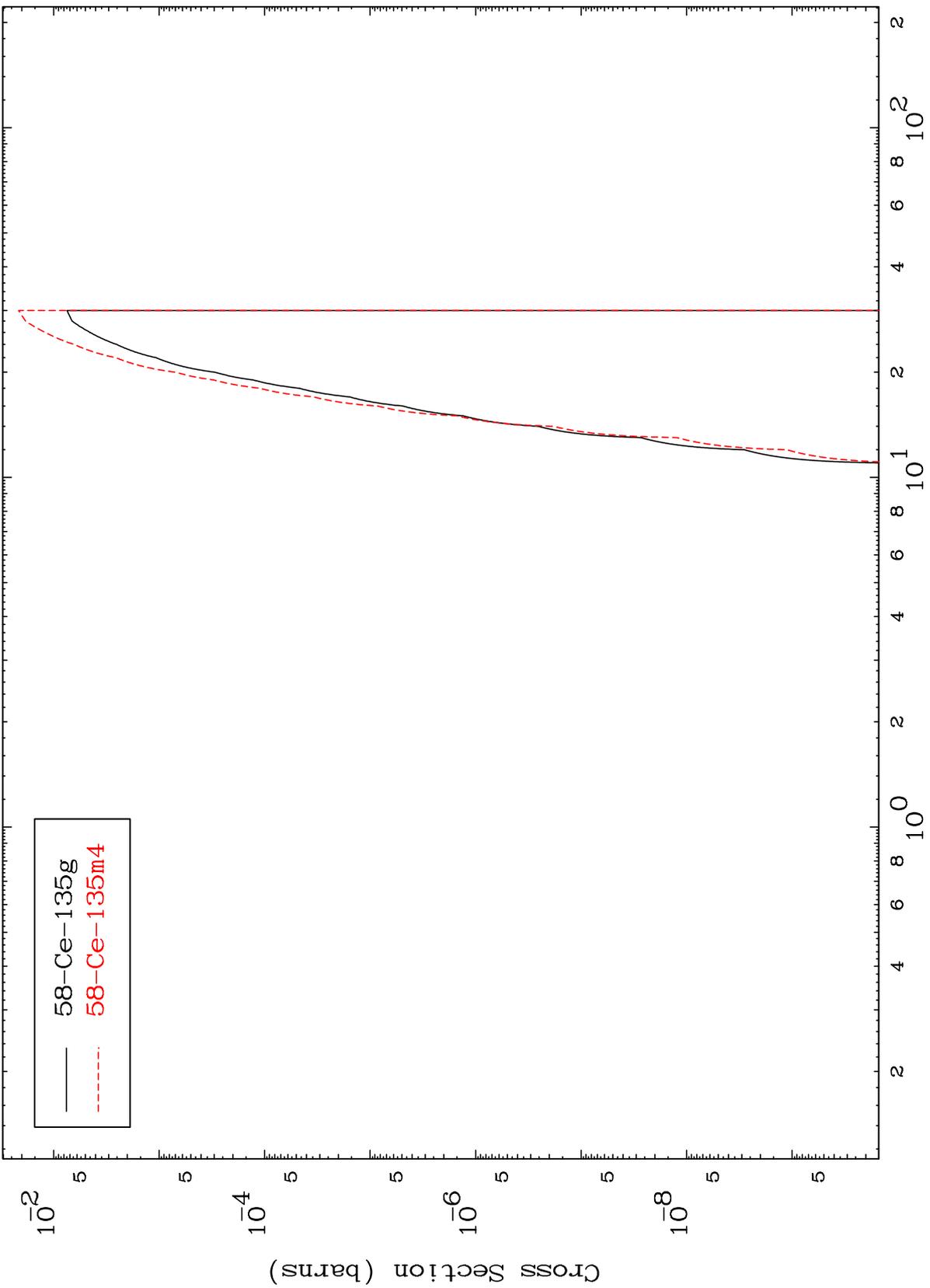
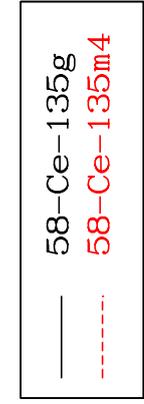
Incident Energy (MeV)

58-Ce-135m

MAT 5823

58-Ce-135m

Radionuclide Production Cross Section



58-Ce-135m

Incident Energy (MeV)

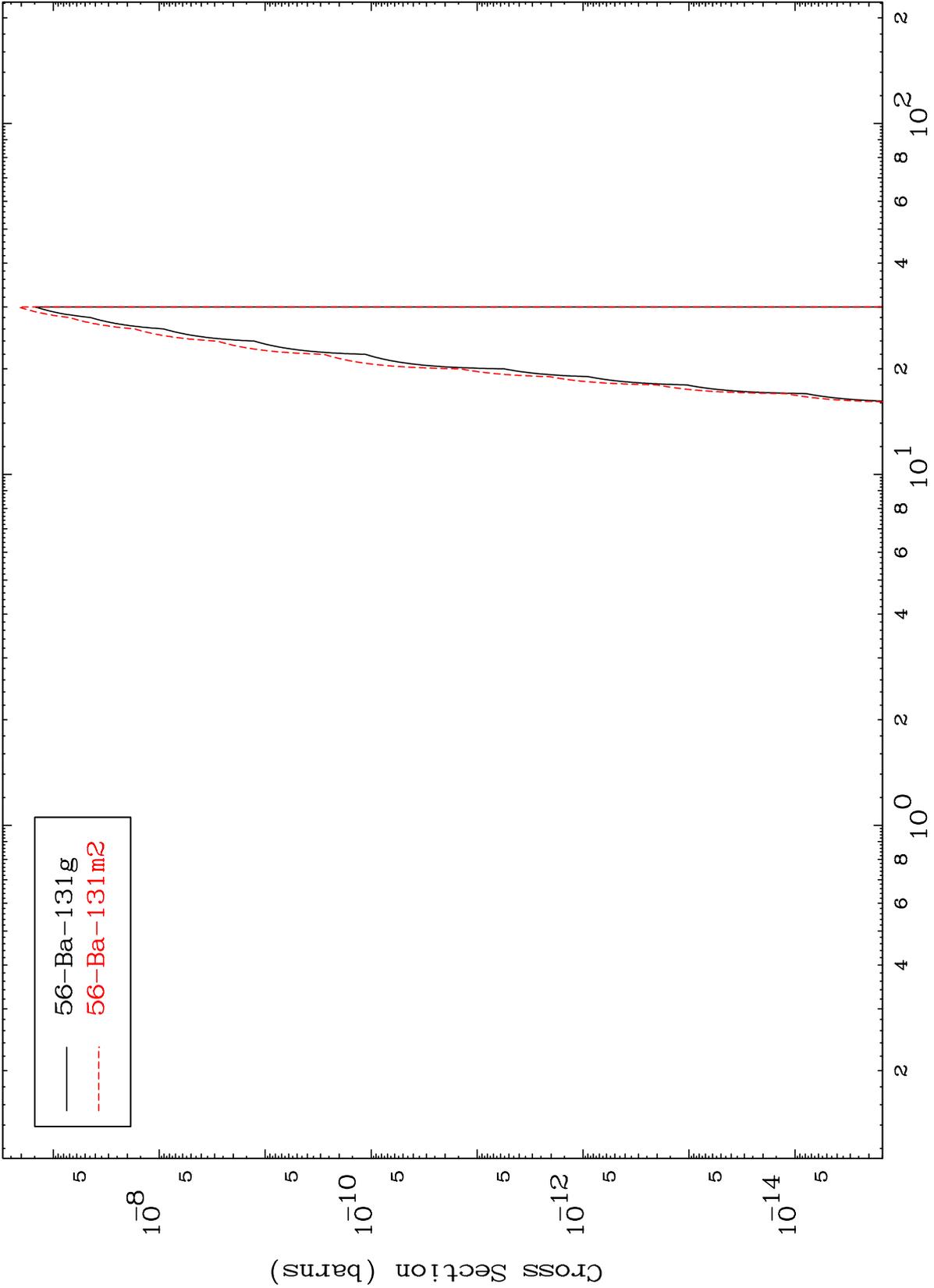
15

MAT 5823

(n,2α)

58-Ce-135m

Radionuclide Production Cross Section

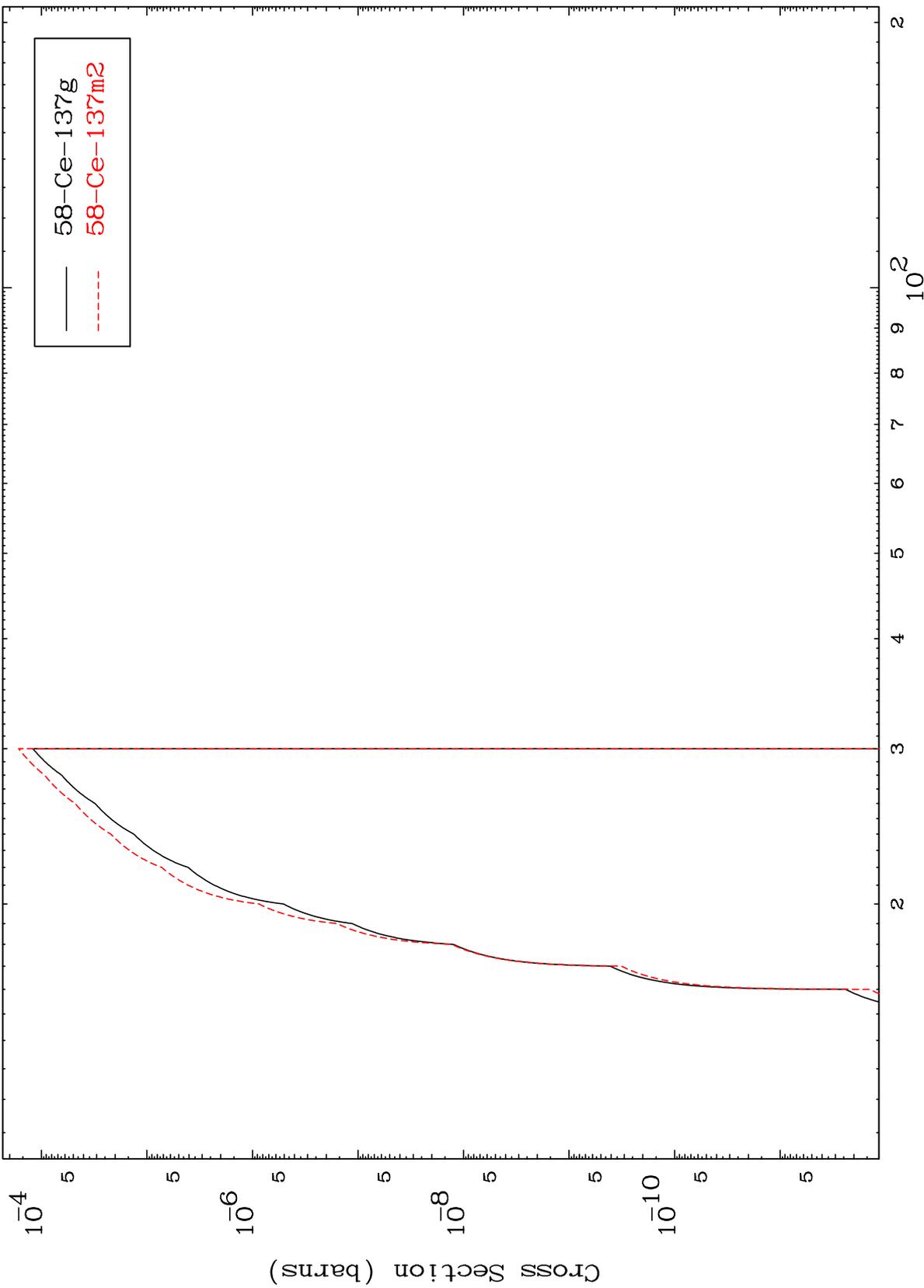


MAT 5823

58-Ce-135m

(n,2p)

Radionuclide Production Cross Section

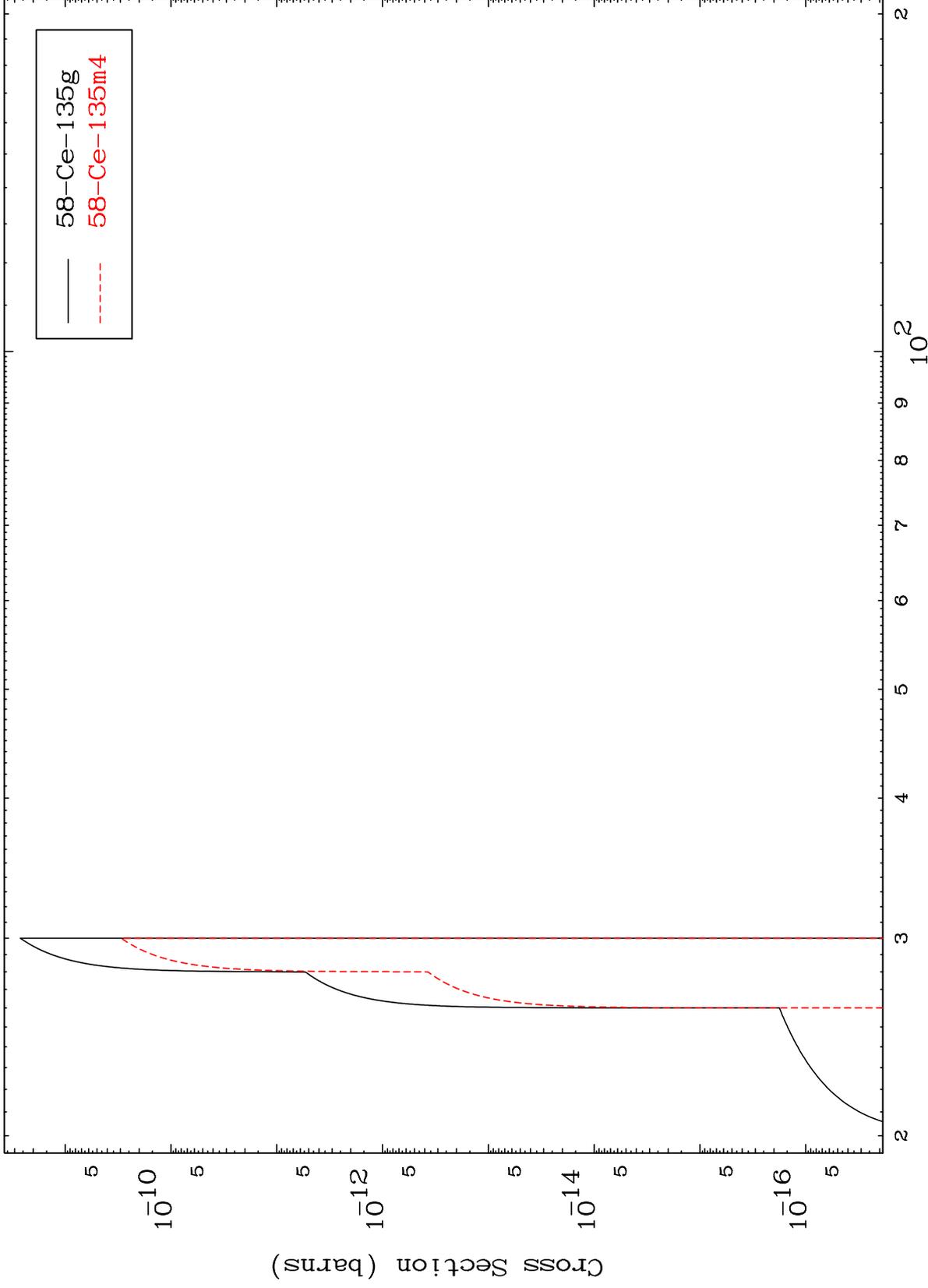


MAT 5823

(n,p) t

58-Ce-135m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

58-Ce-135m