

Program EVALPLOT
(Version 2021-1)

by

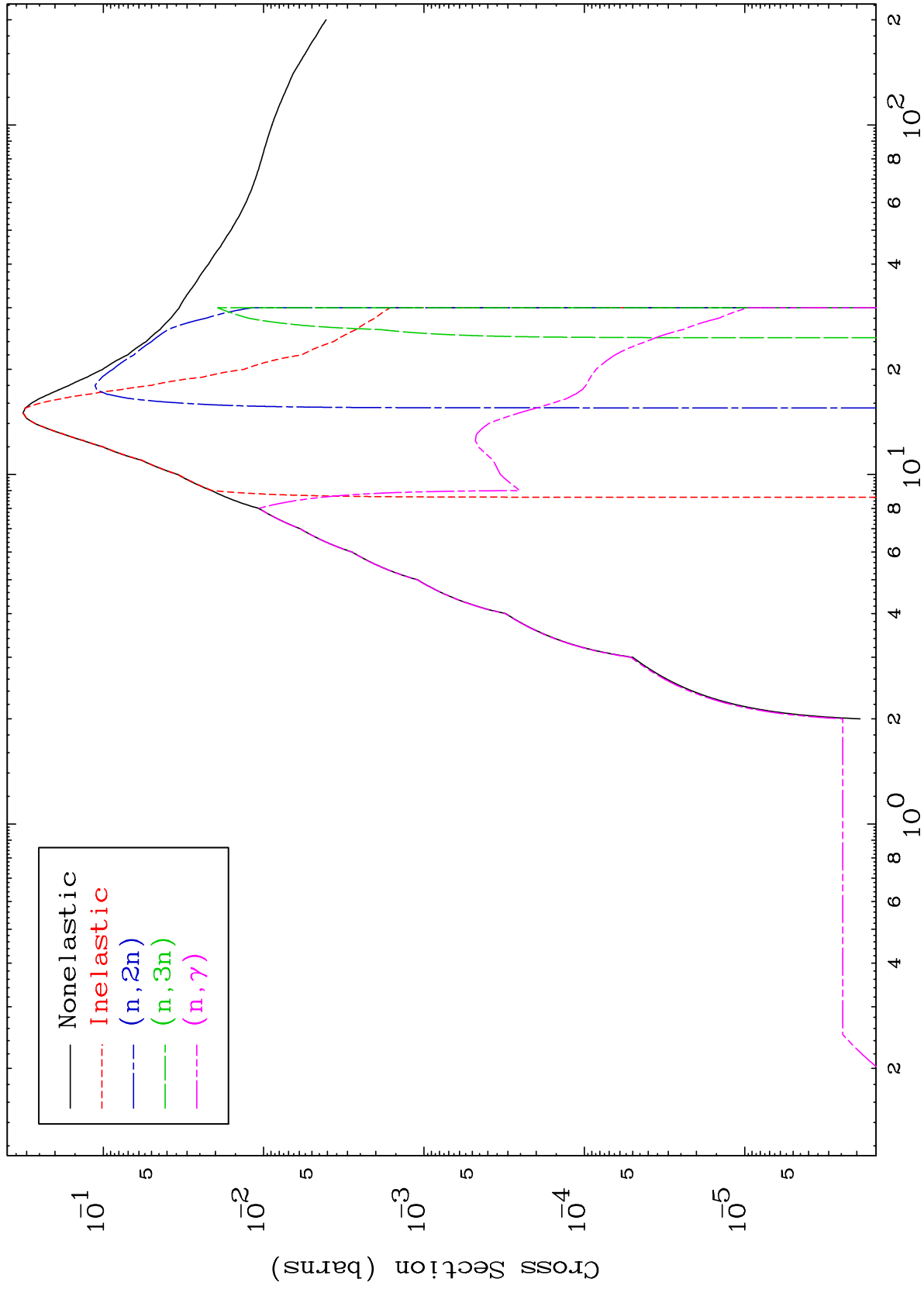
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(Present Contact Information)
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Tele: 925-443-1911

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

Press Mouse Button to Start

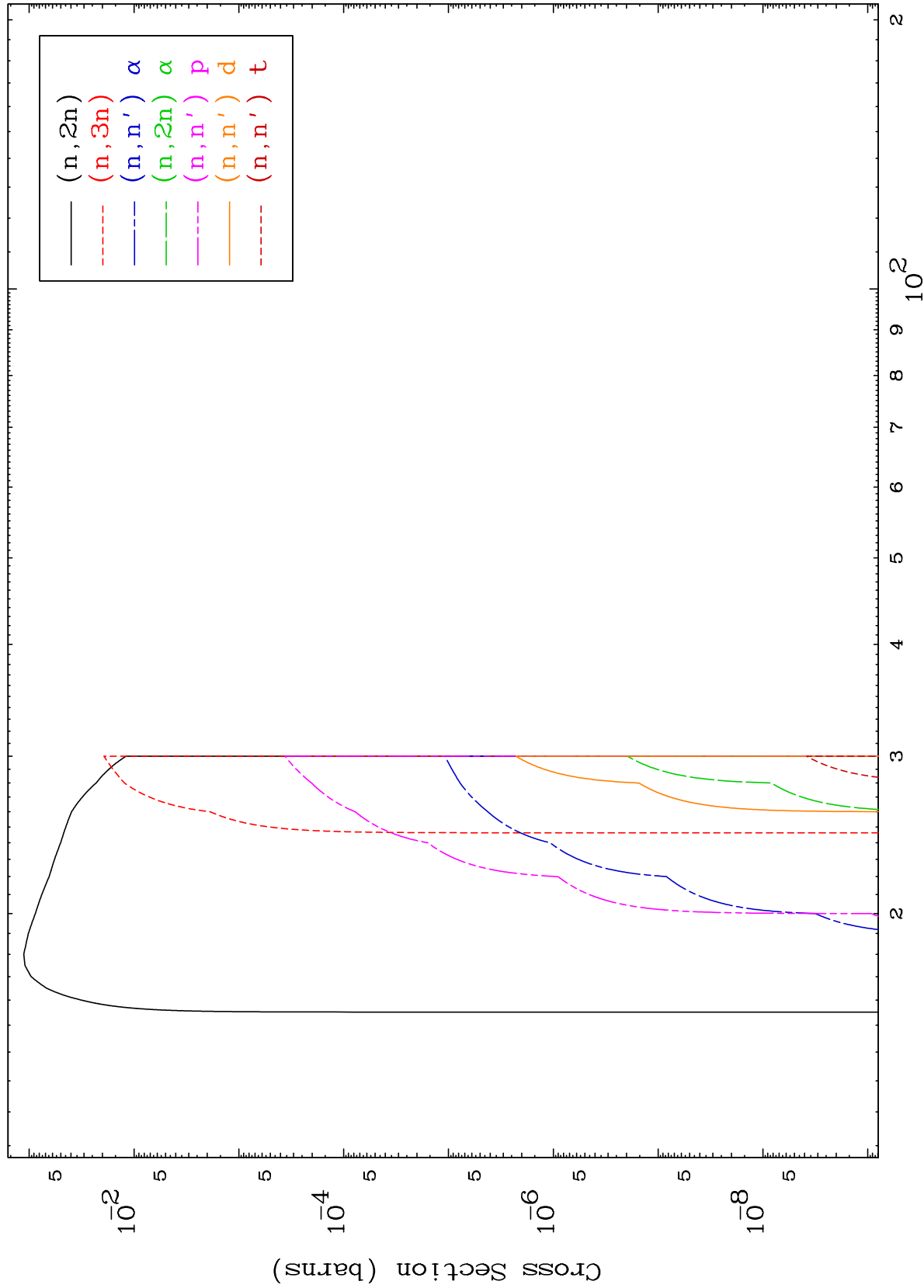
0 Kelvin Cross Sections



MAT 5649

Photon Neutron Absorption
0 Kelvin Cross Sections

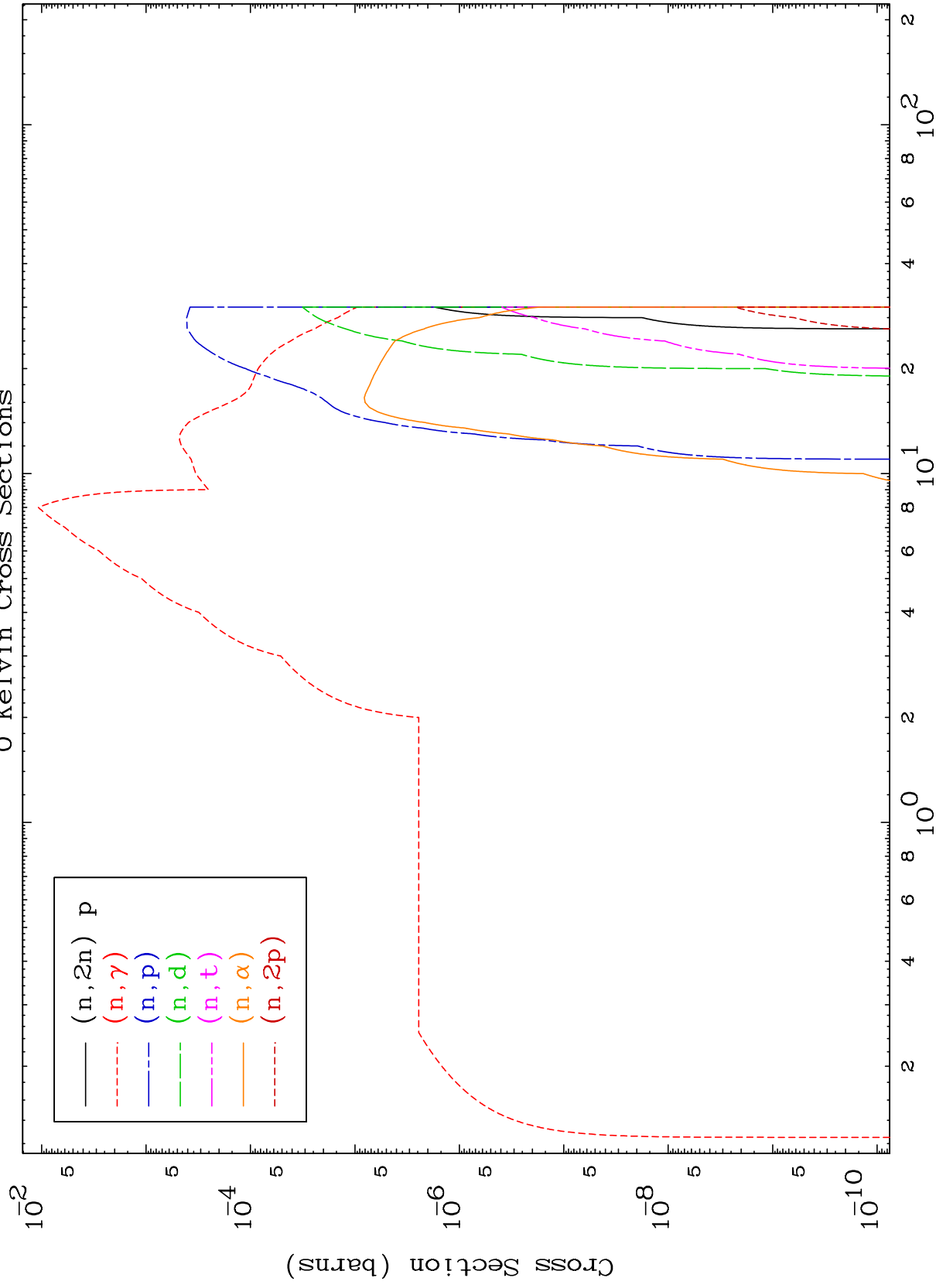
56-Ba-138

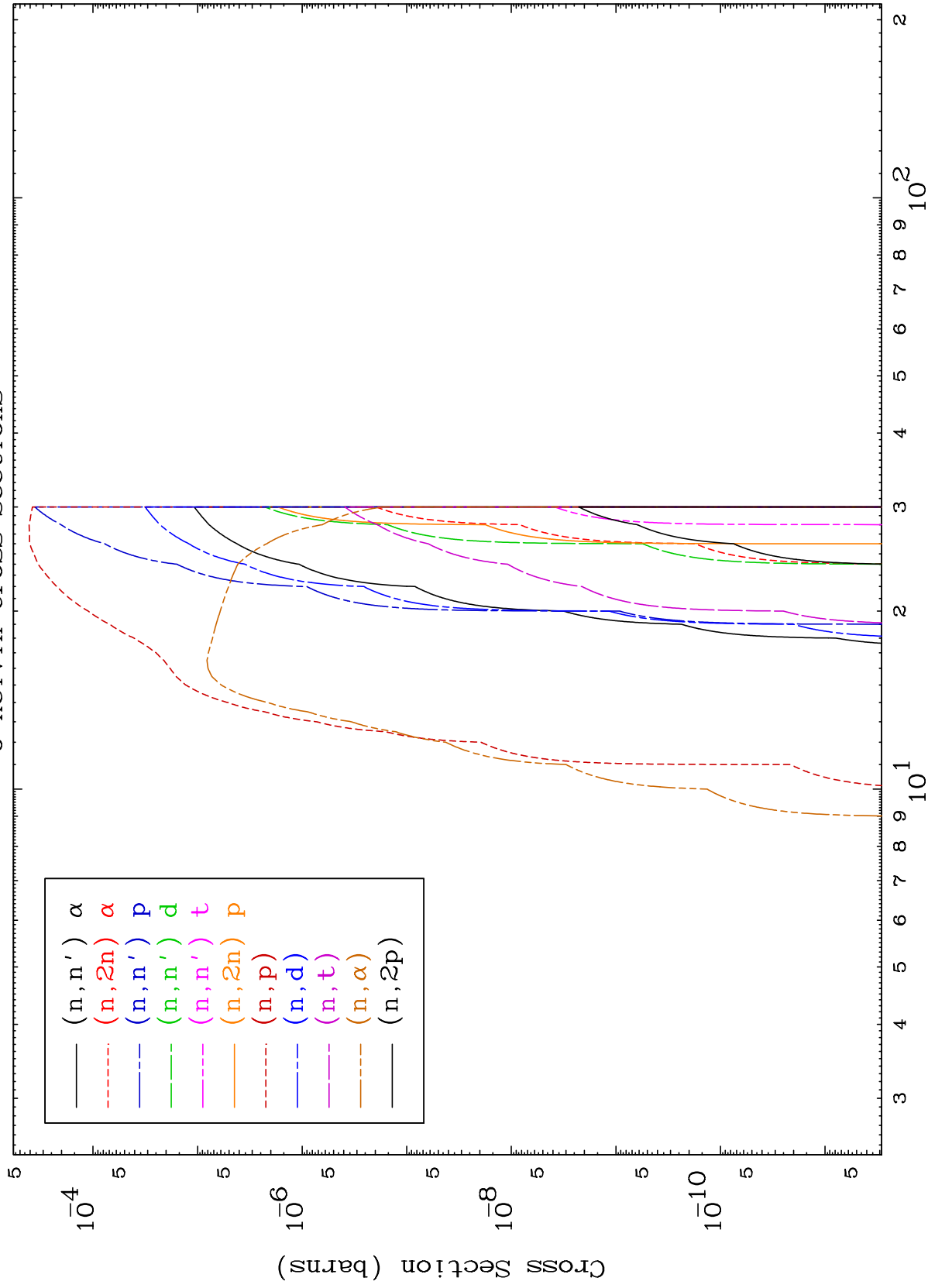


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Incident Energy (MeV)

56-Ba-138



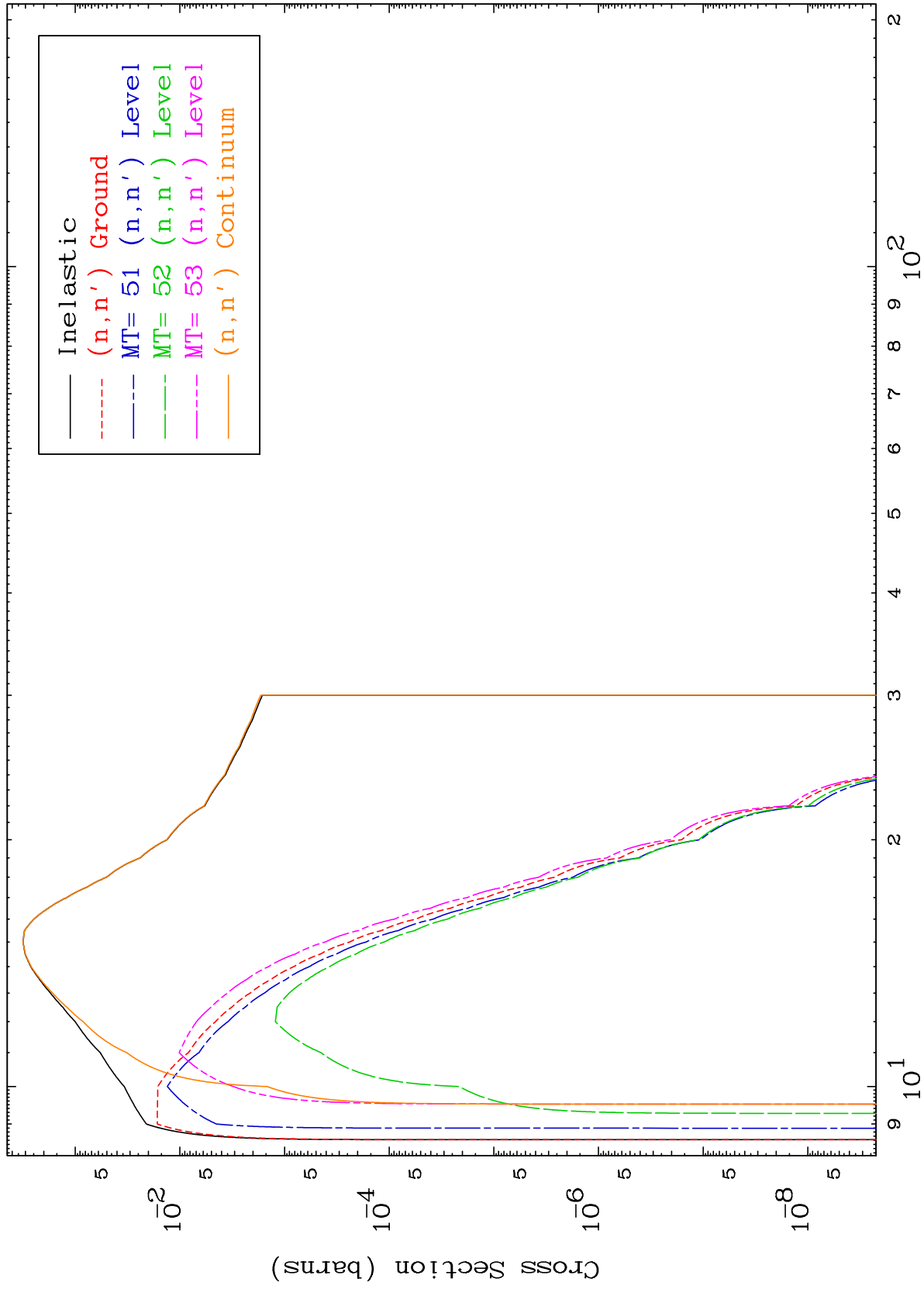


MAT 5649

(γ, n') Levels

56-Ba-138

0 Kelvin Cross Sections



5

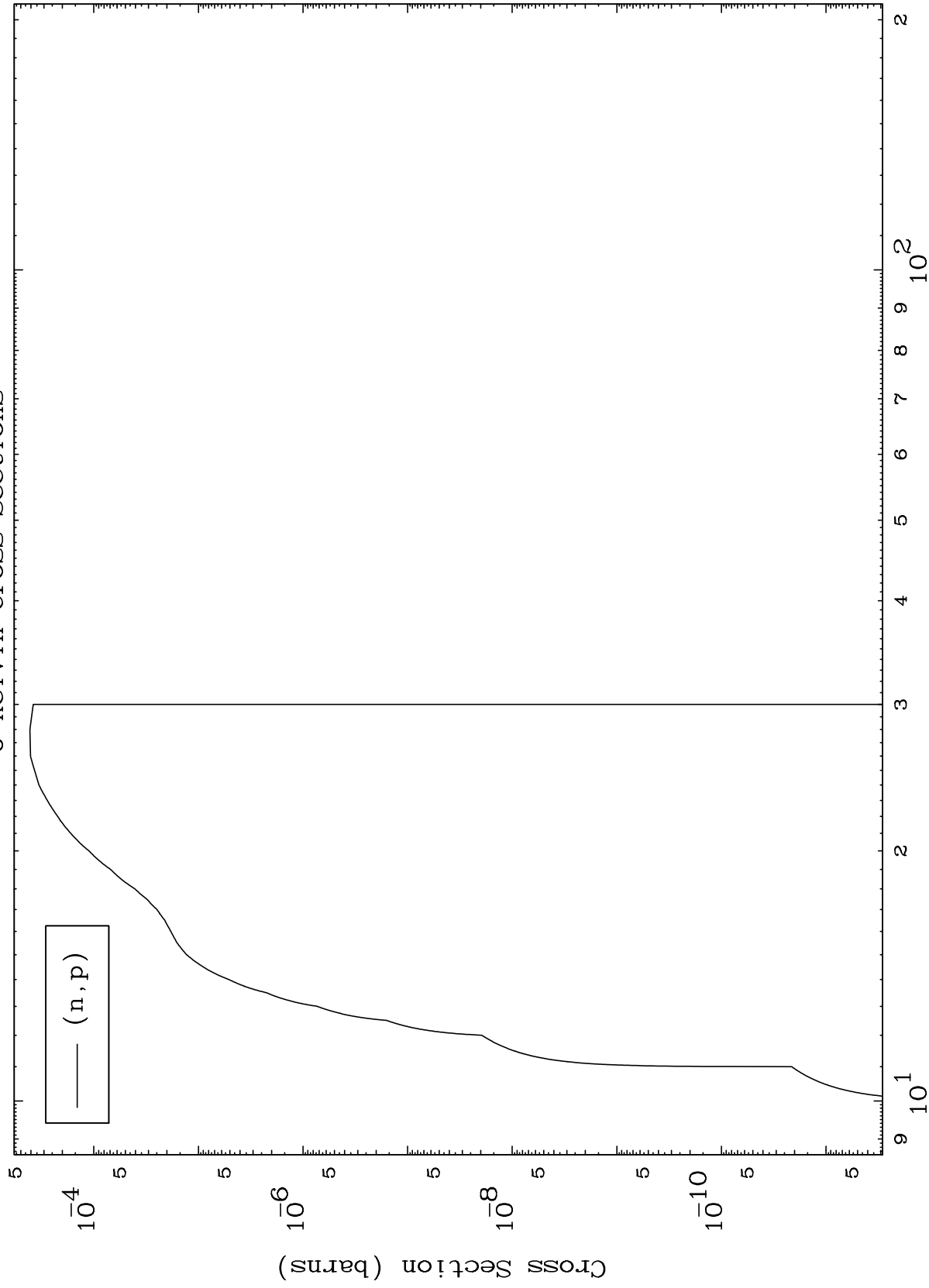
Incident Energy (MeV)

56-Ba-138

MAT 5649

56-Ba-138

(γ ,p) Levels
0 Kelvin Cross Sections

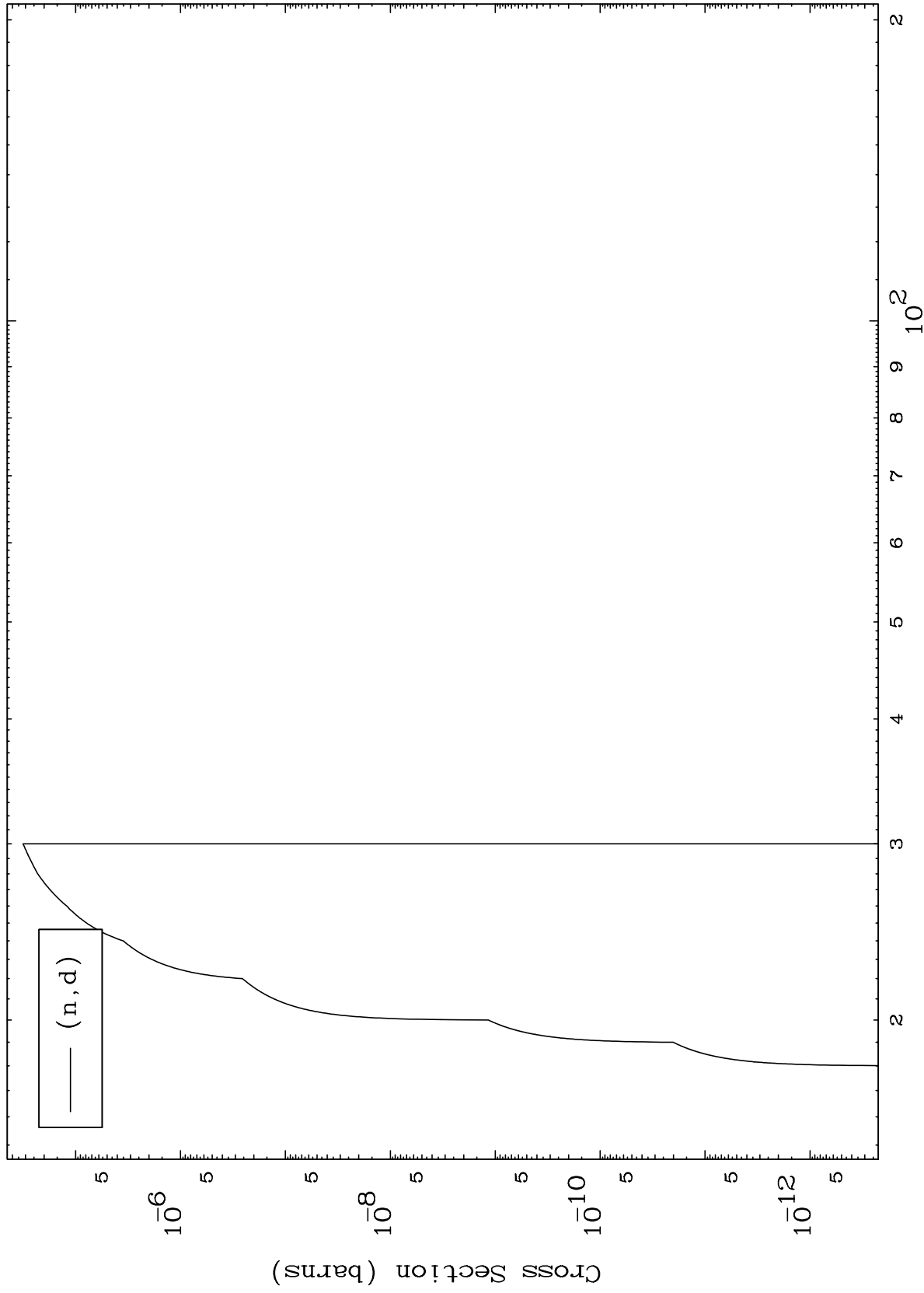


56-Ba-138

MAT 5649

56-Ba-138

(γ, d) Levels
0 Kelvin Cross Sections



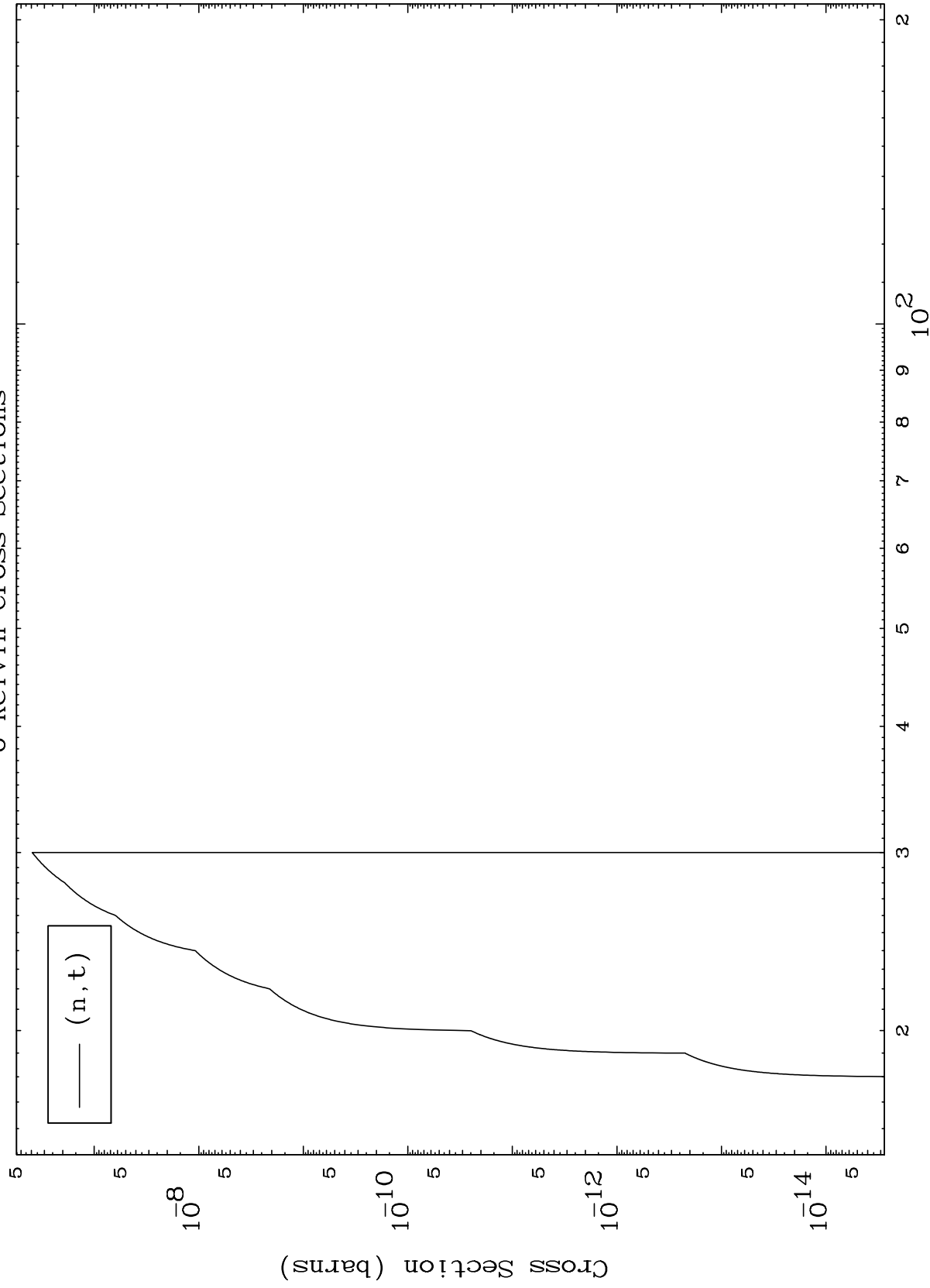
7

56-Ba-138

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56-Ba-138

(γ, t) Levels
0 Kelvin Cross Sections

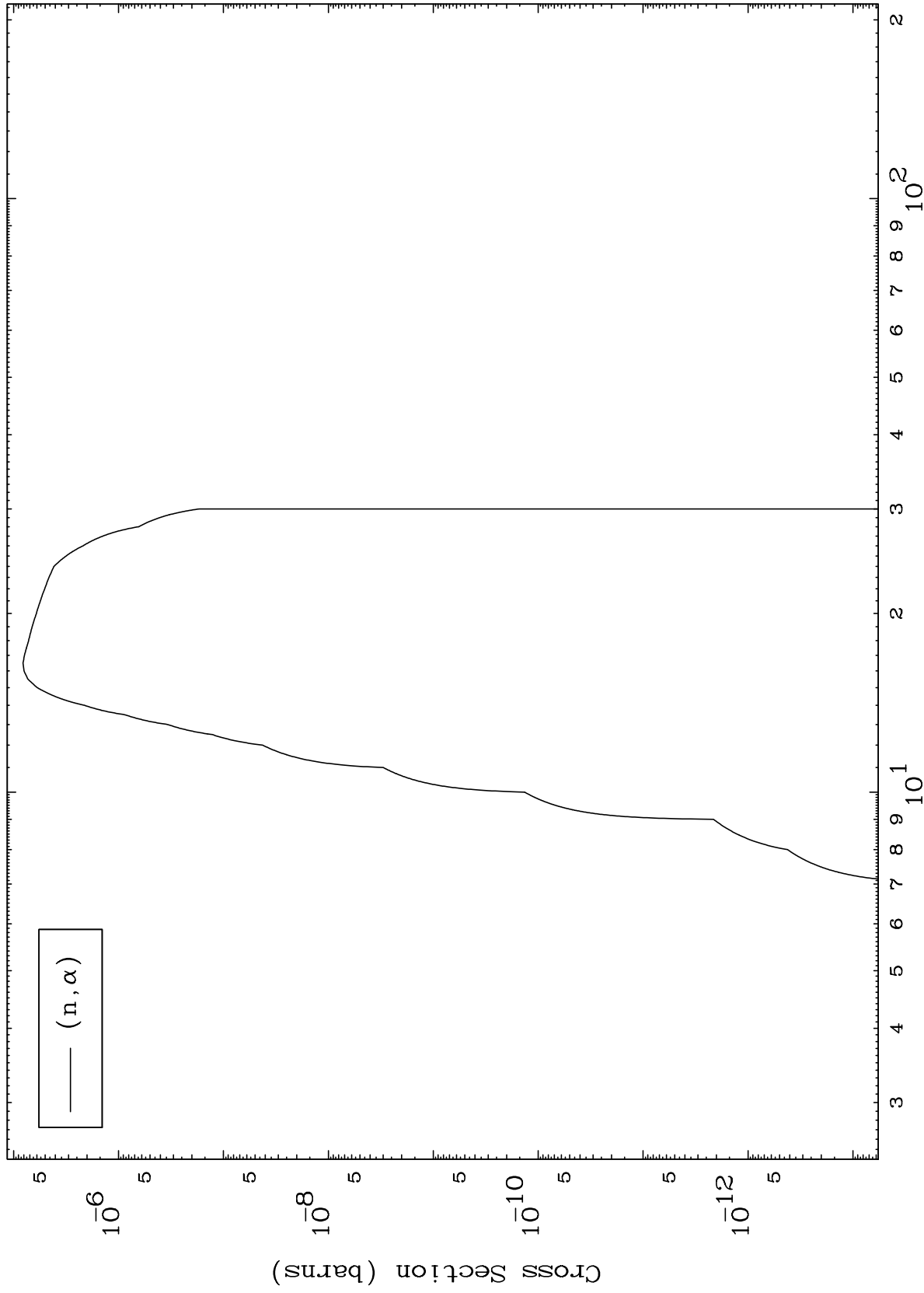


8

MAT 5649

56-Ba-138

(γ, α) Levels
0 Kelvin Cross Sections



9

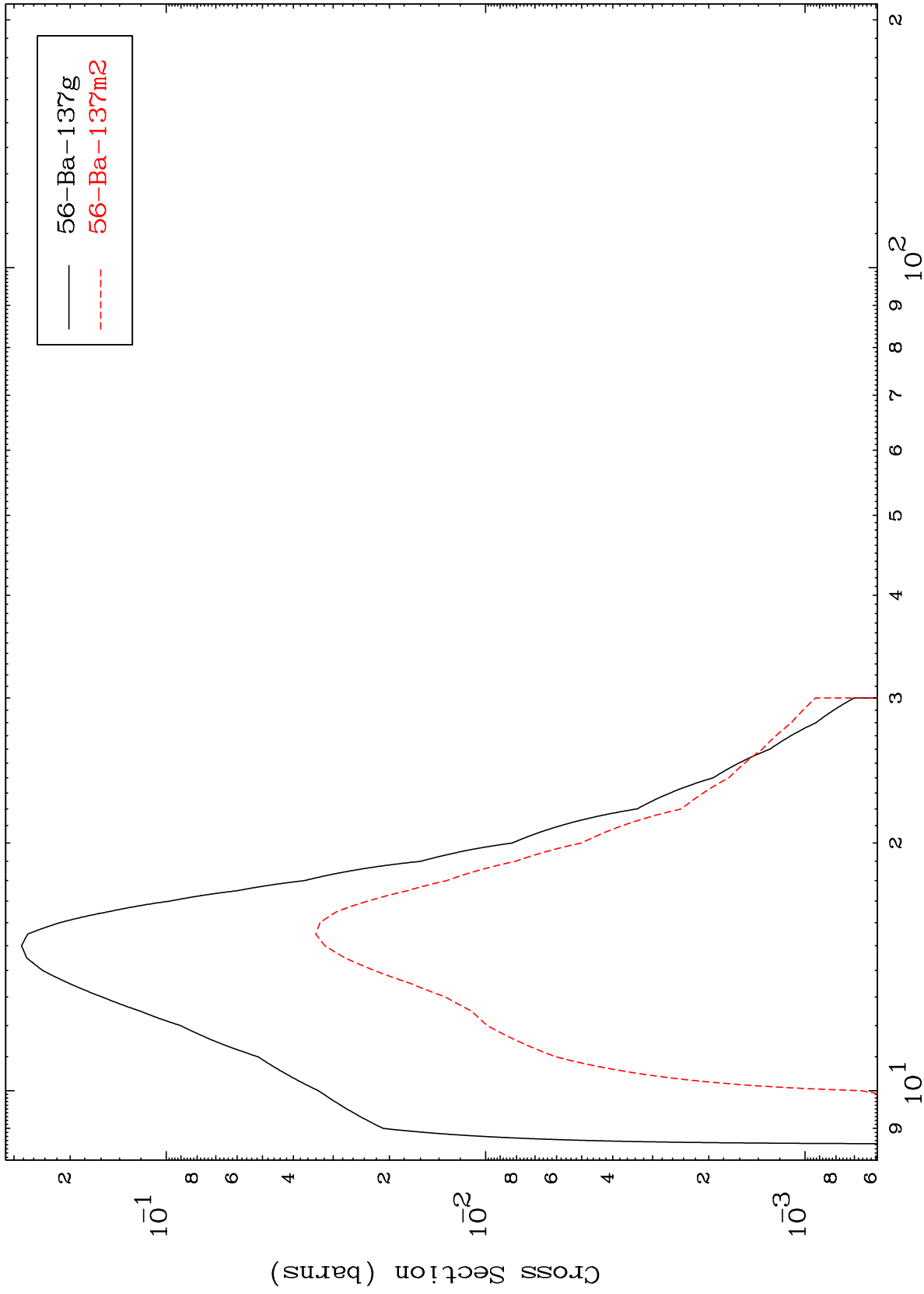
Incident Energy (MeV)

56-Ba-138

MAT 5649

56-Ba-138

Inelastic
Radionuclide Production Cross Section



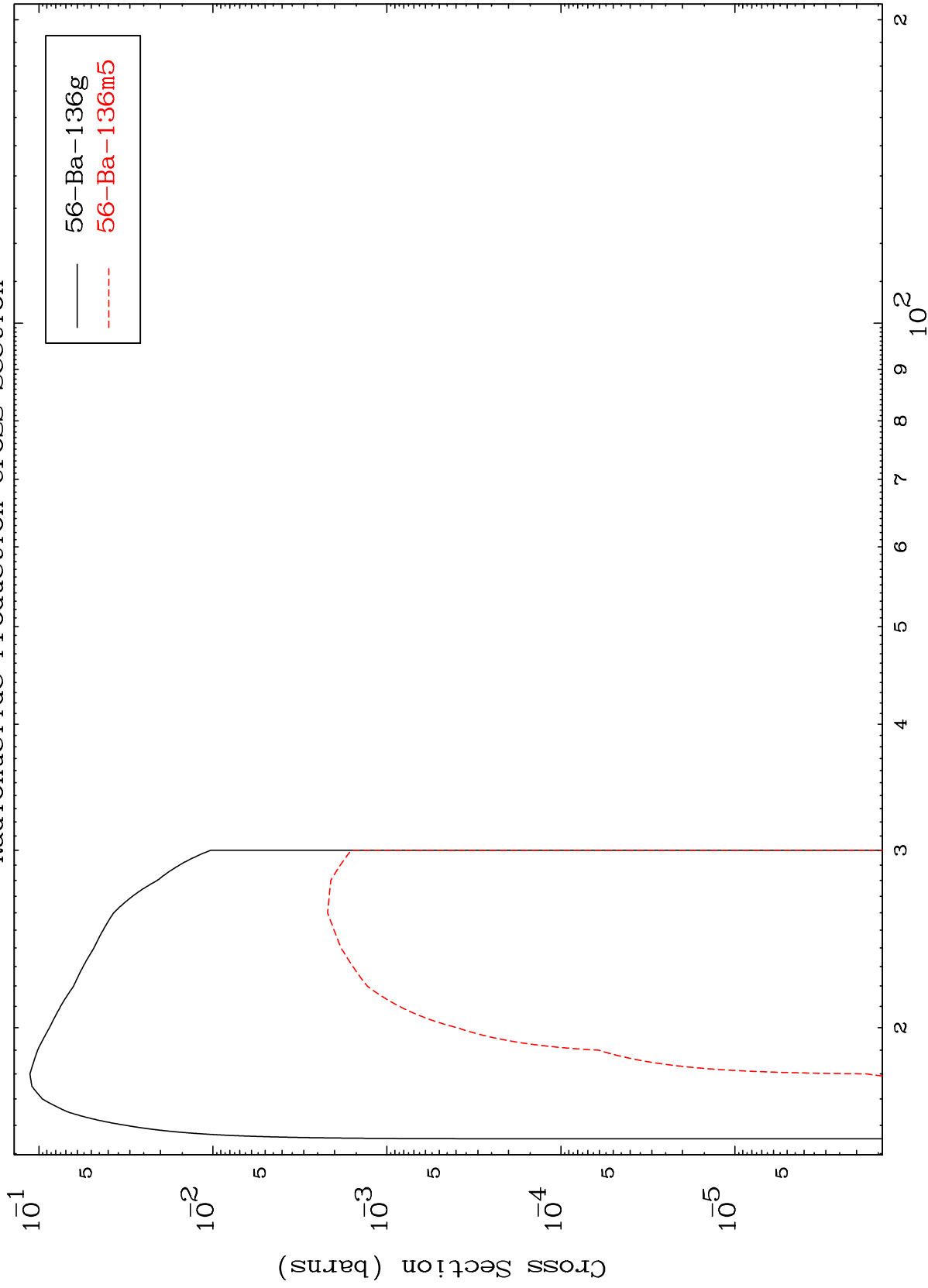
56-Ba-138

Incident Energy (MeV)

MAT 5649

56-Ba-138

(n,2n)
Radionuclide Production Cross Section



11

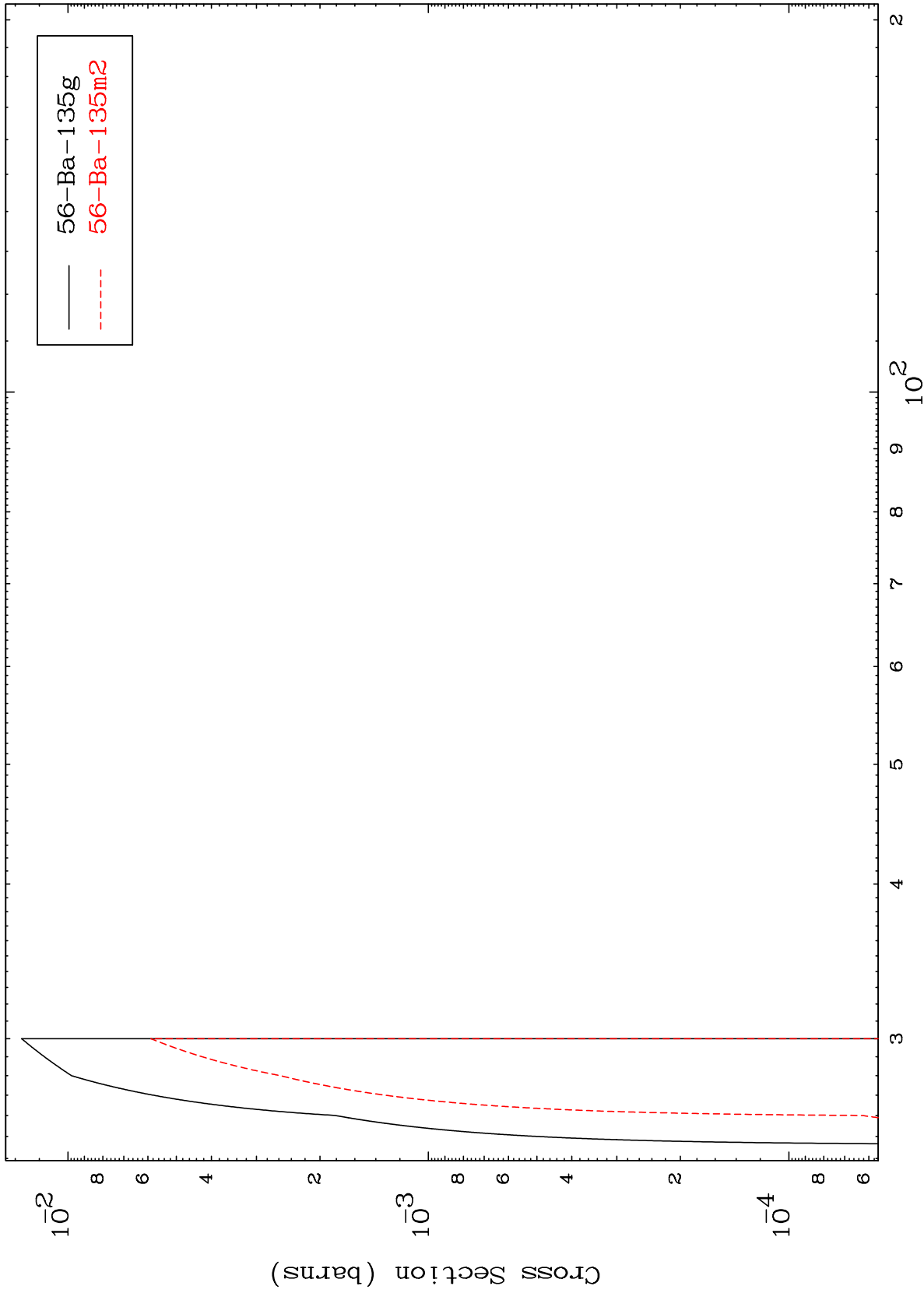
Incident Energy (MeV)

56-Ba-138

MAT 5649

56-Ba-138

(n,3n)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

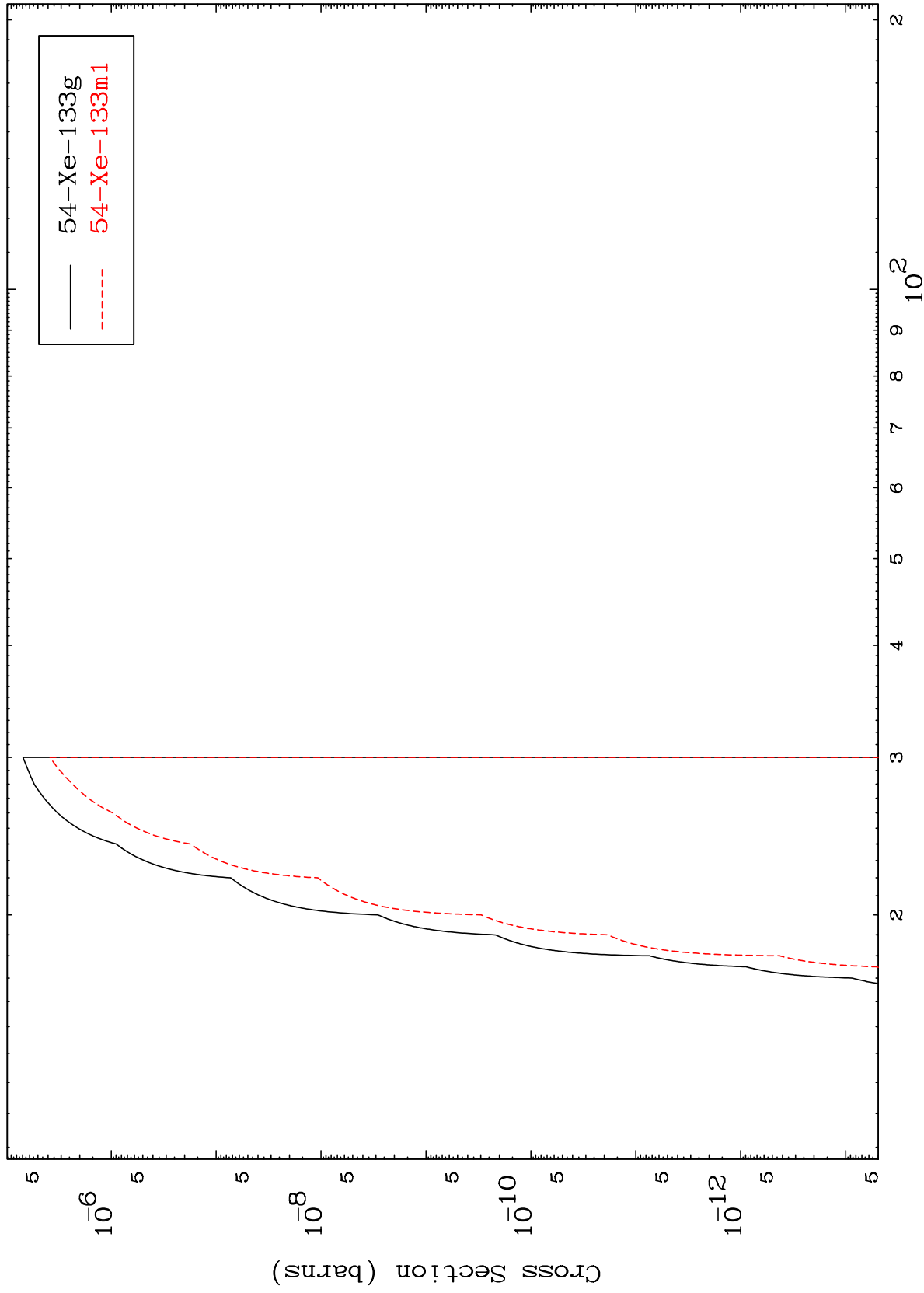
56-Ba-138

MAT 5649

$(n,n') \alpha$

56-Ba-138

Radionuclide Production Cross Section



13

Incident Energy (MeV)

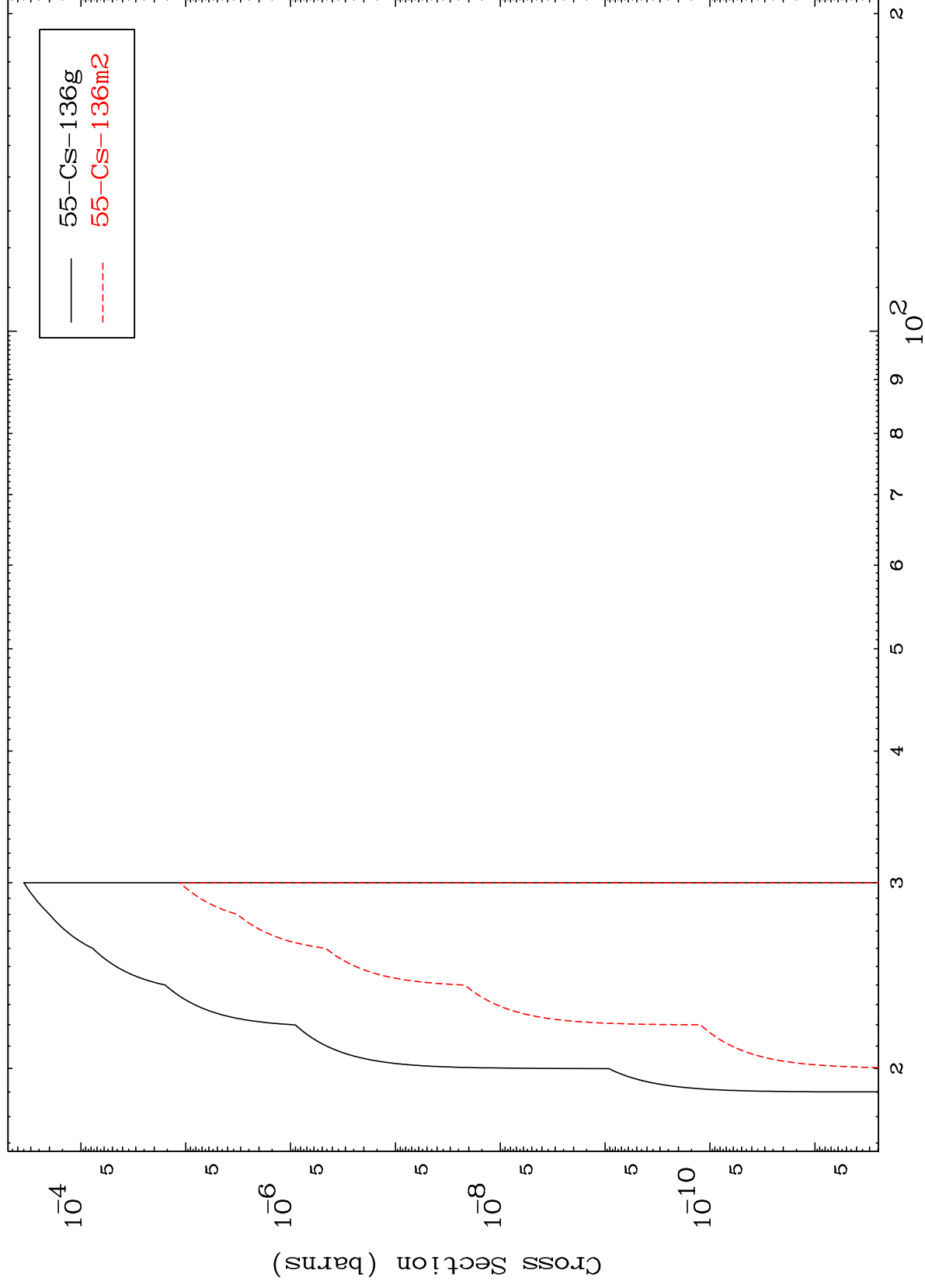
56-Ba-138

MAT 5649

(n,n') p

56-Ba-138

Radionuclide Production Cross Section



14

Incident Energy (MeV)

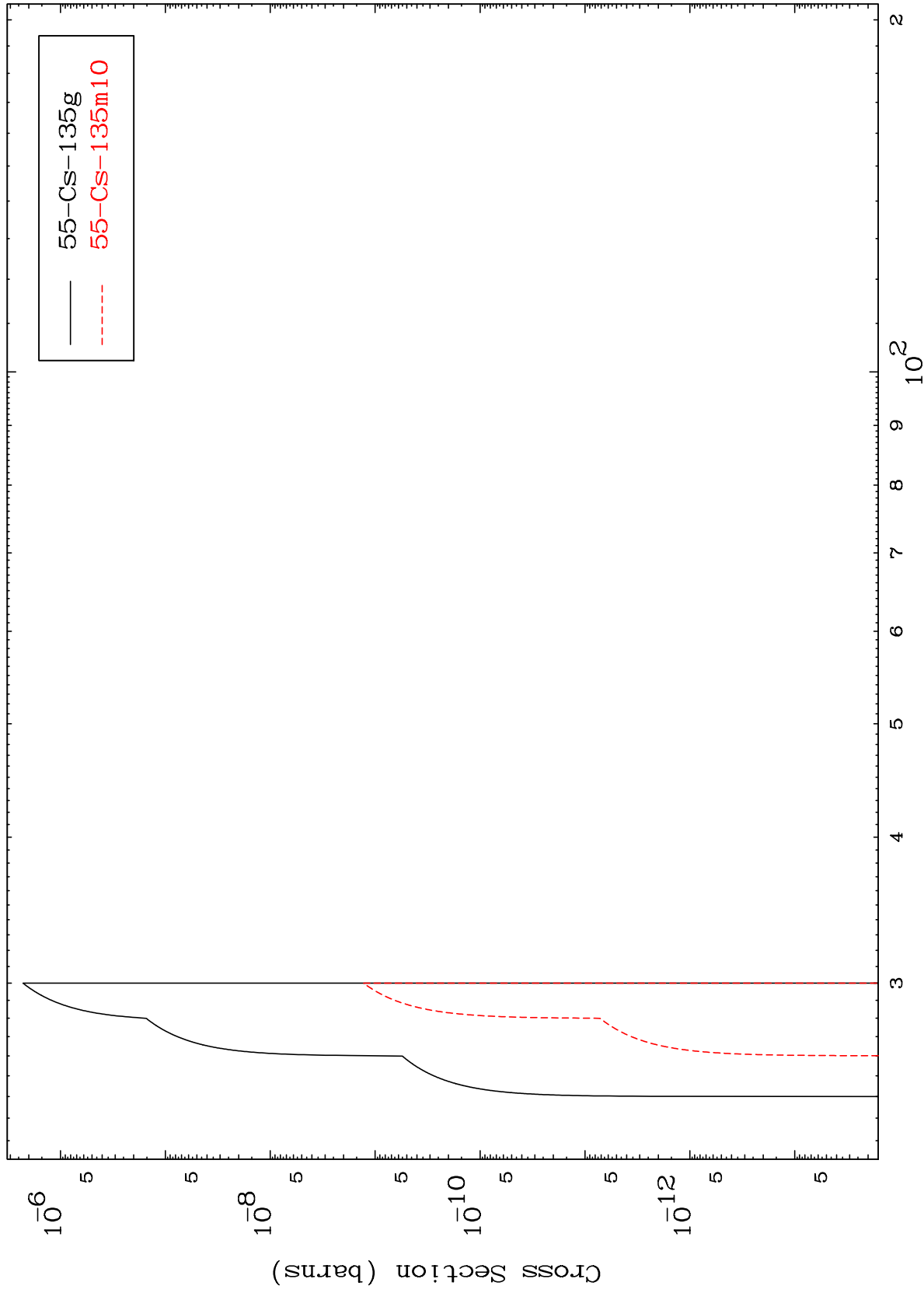
56-Ba-138

MAT 5649

(n,n') d

56-Ba-138

Radionuclide Production Cross Section



15

Incident Energy (MeV)

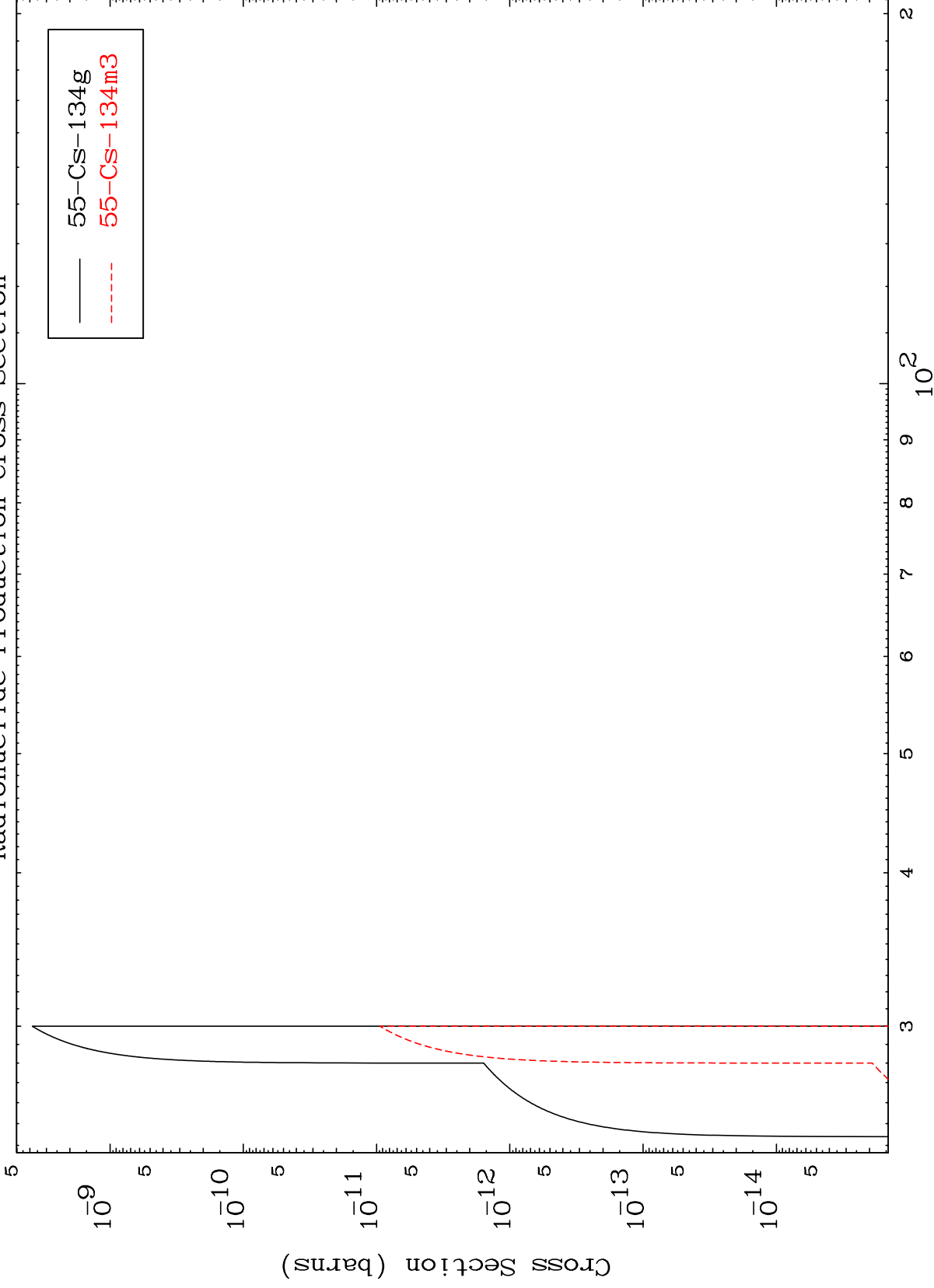
56-Ba-138

MAT 5649

(n,n') t

56-Ba-138

Radionuclide Production Cross Section



16

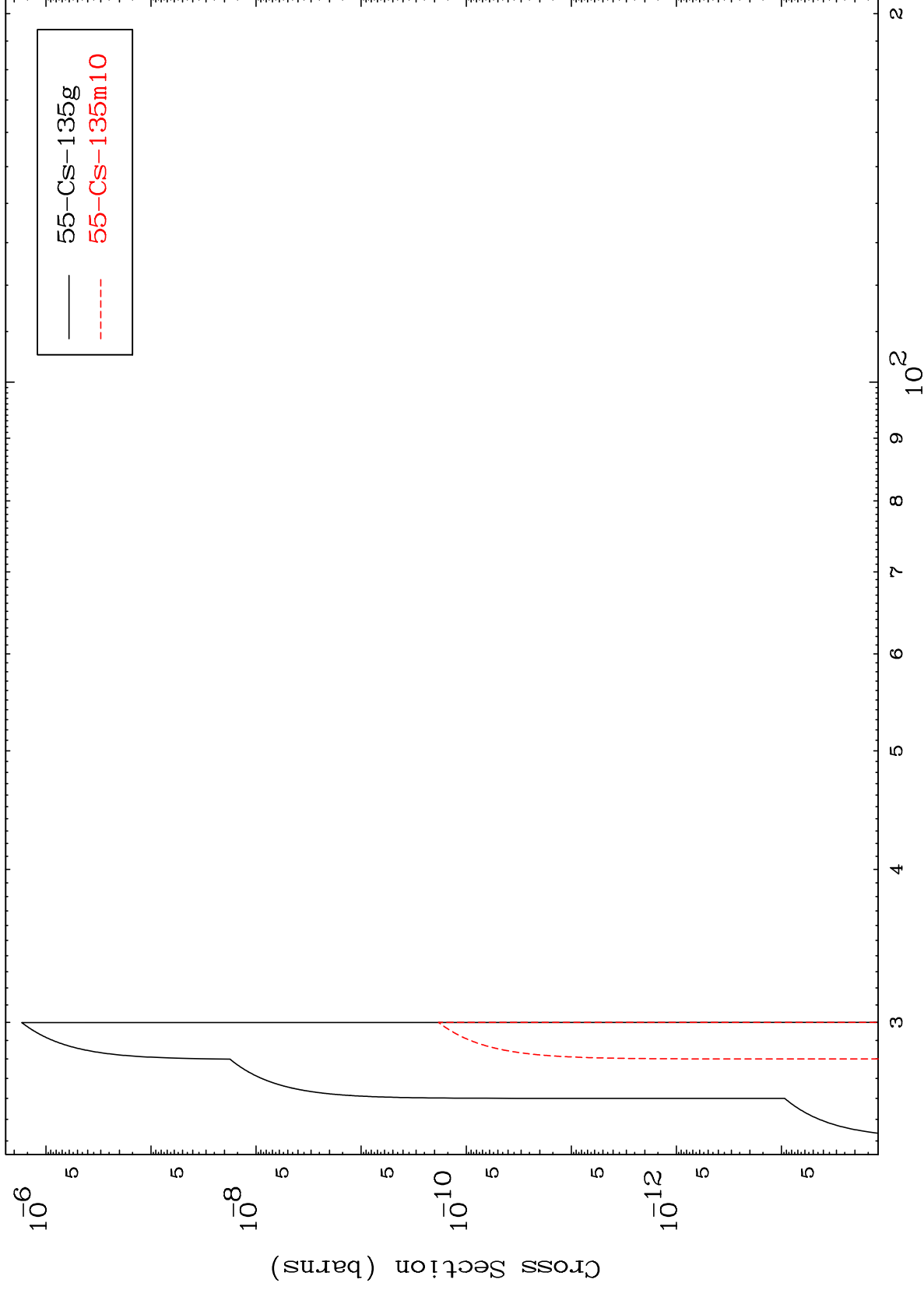
Incident Energy (MeV)

56-Ba-138

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56-Ba-138

(n,2n) p
Radionuclide Production Cross Section



17

Incident Energy (MeV)

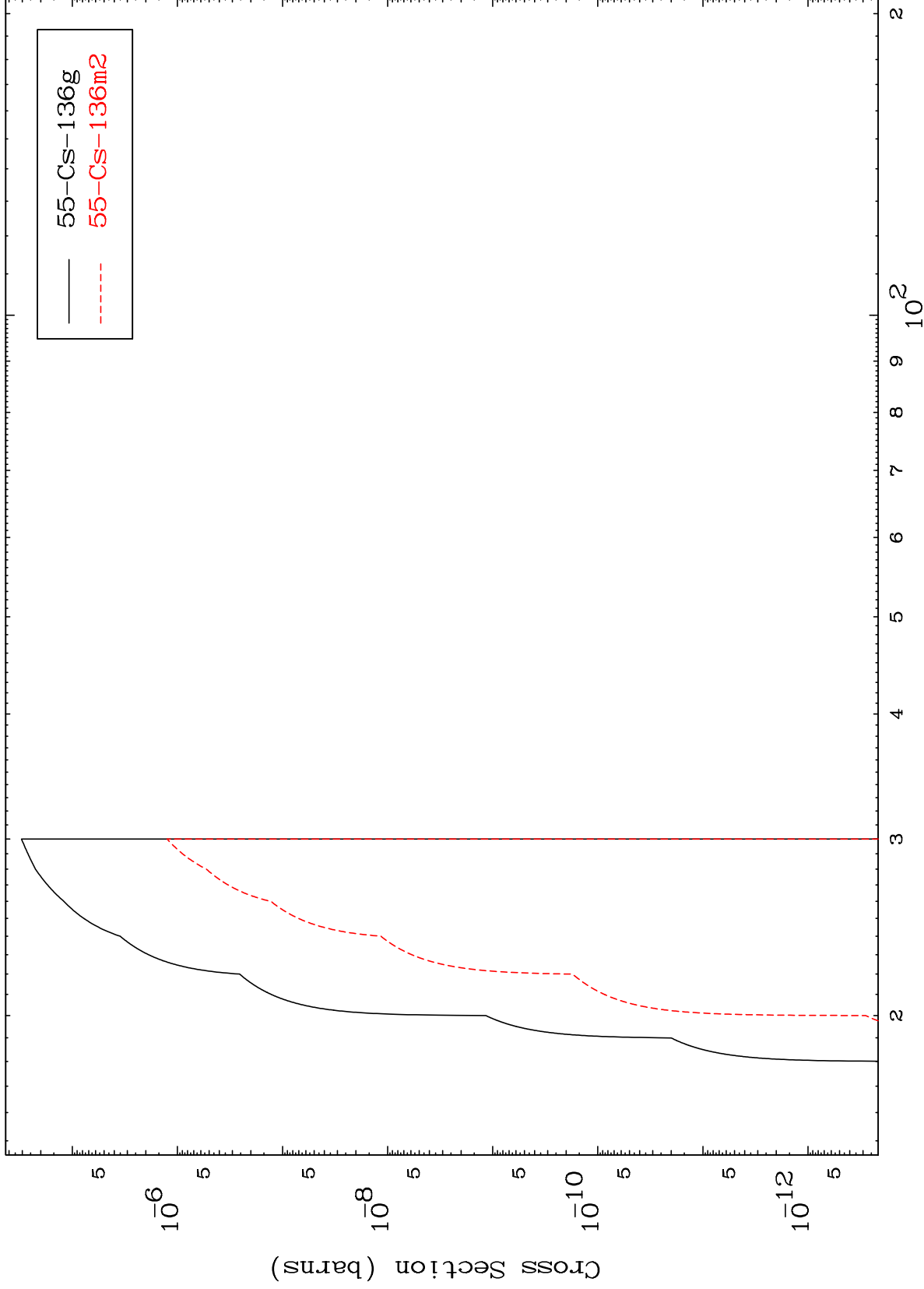
56-Ba-138

MAT 5649

(n,d)

56-Ba-138

Radionuclide Production Cross Section



18

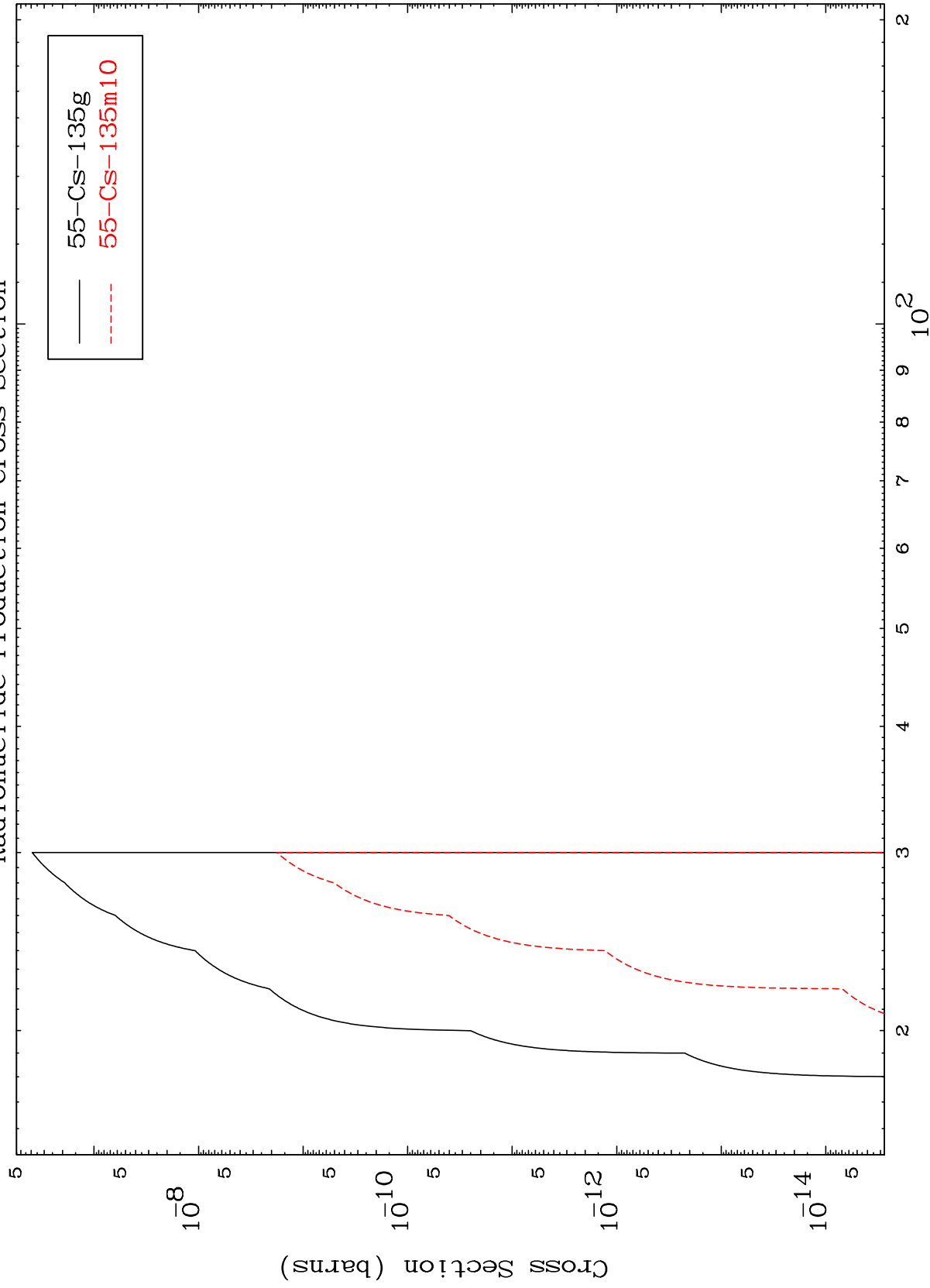
Incident Energy (MeV)

56-Ba-138

MAT 5649

56-Ba-138

(n,t)
Radionuclide Production Cross Section



19

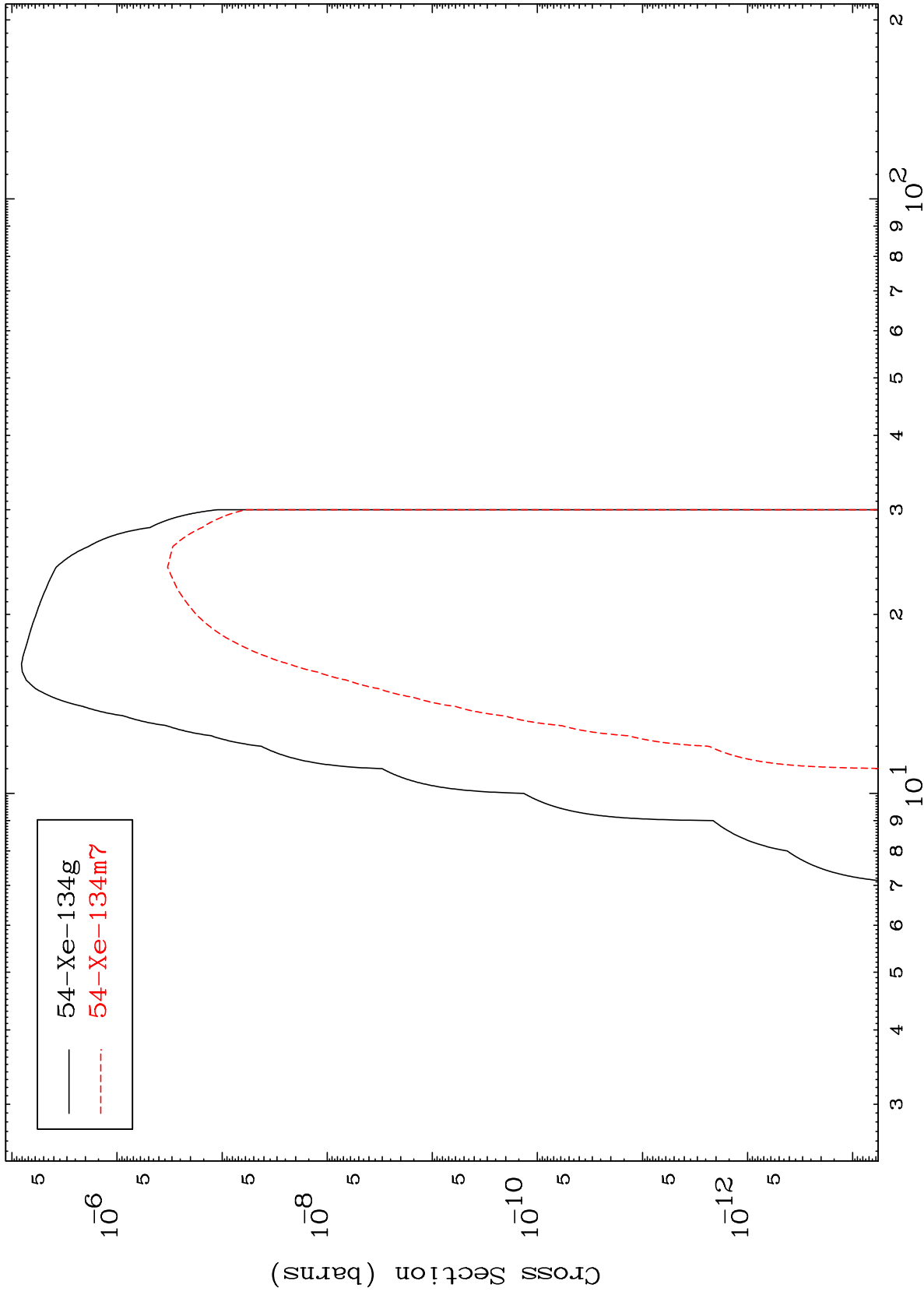
Incident Energy (MeV)

56-Ba-138

MAT 5649

56-Ba-138

(n, α)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

56-Ba-138