

Program EVALPLOT
(Version 2021-1)

by

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(Present Contact Information)

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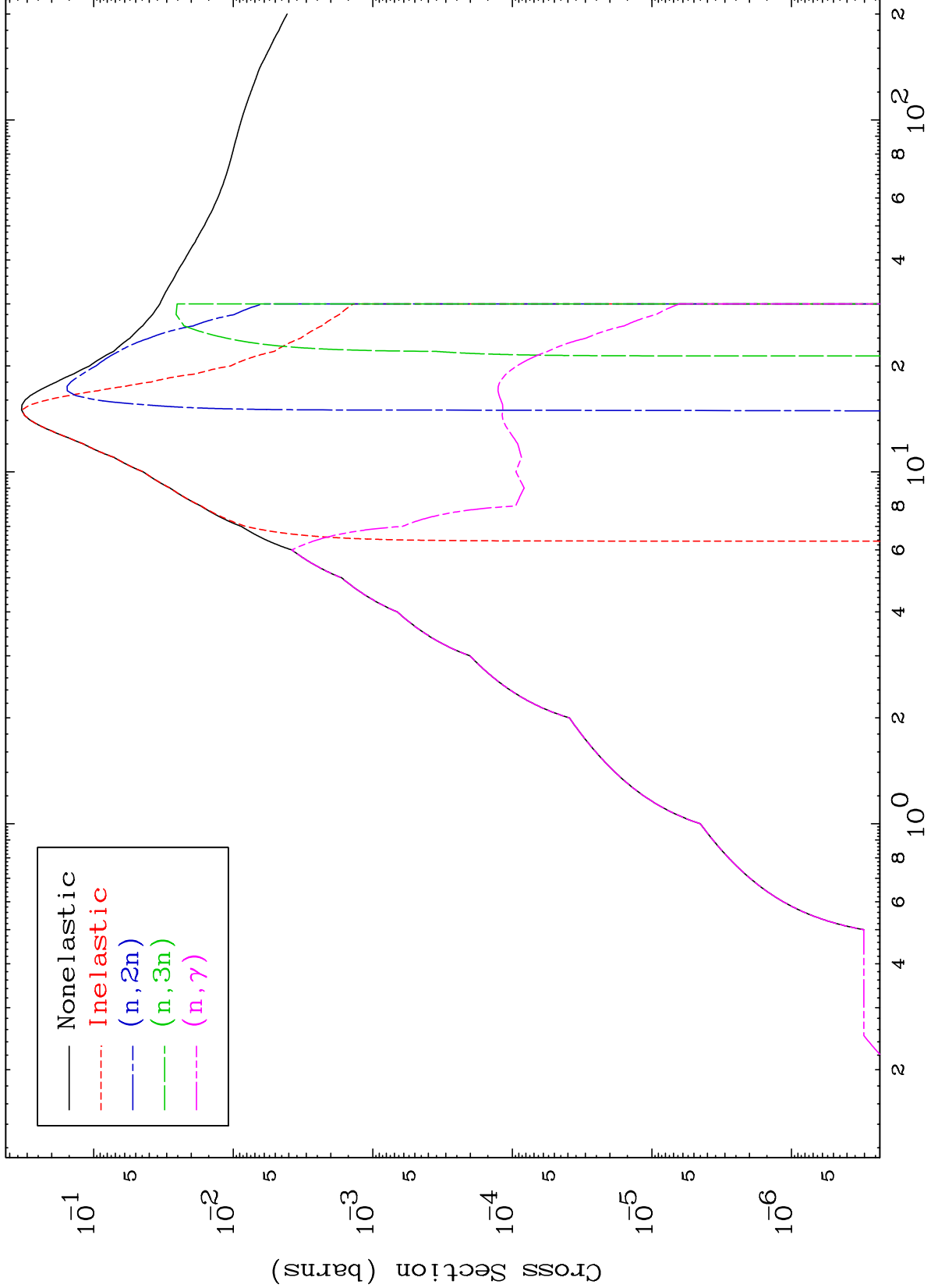
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

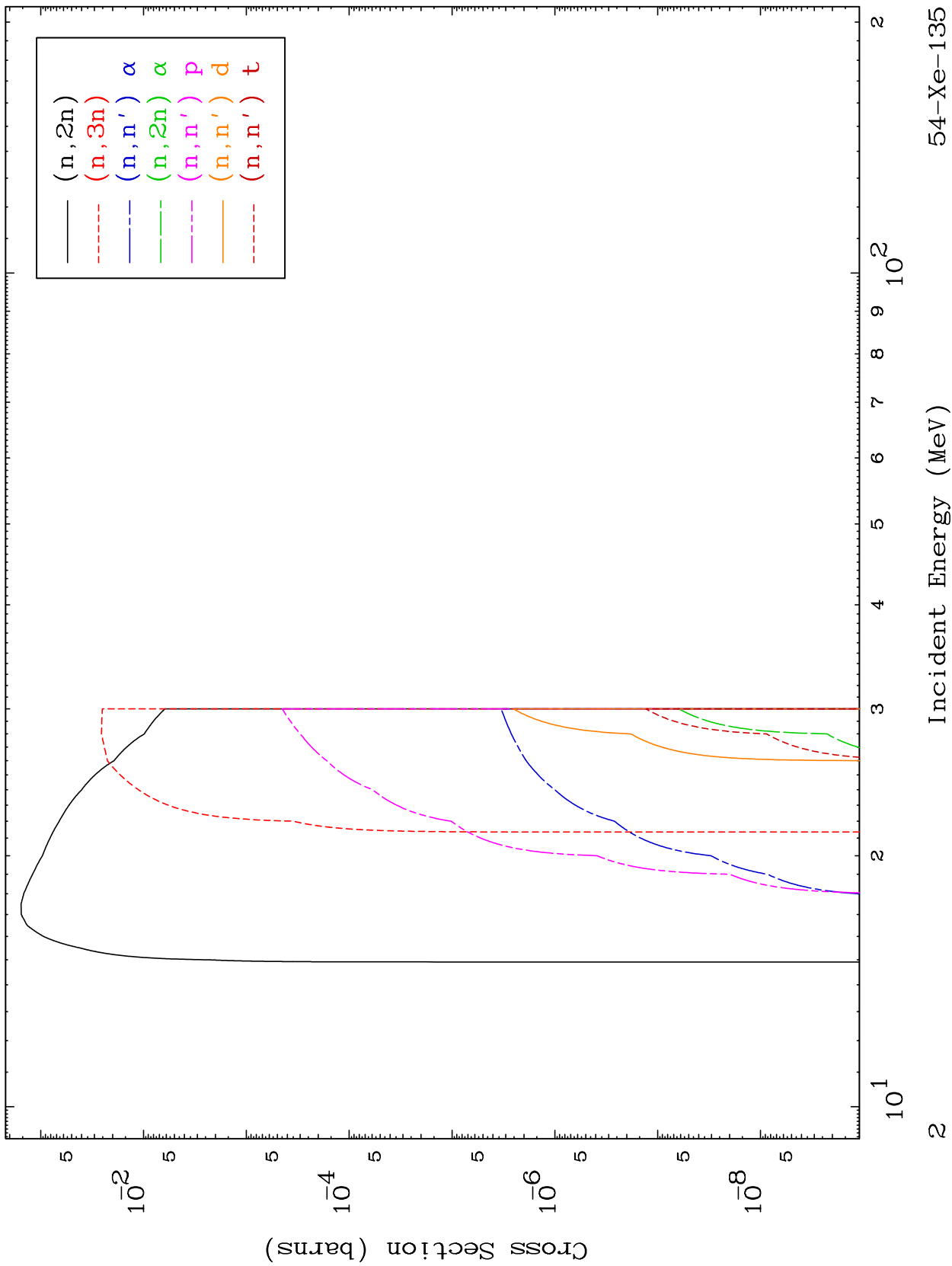
0 Kelvin Cross Sections



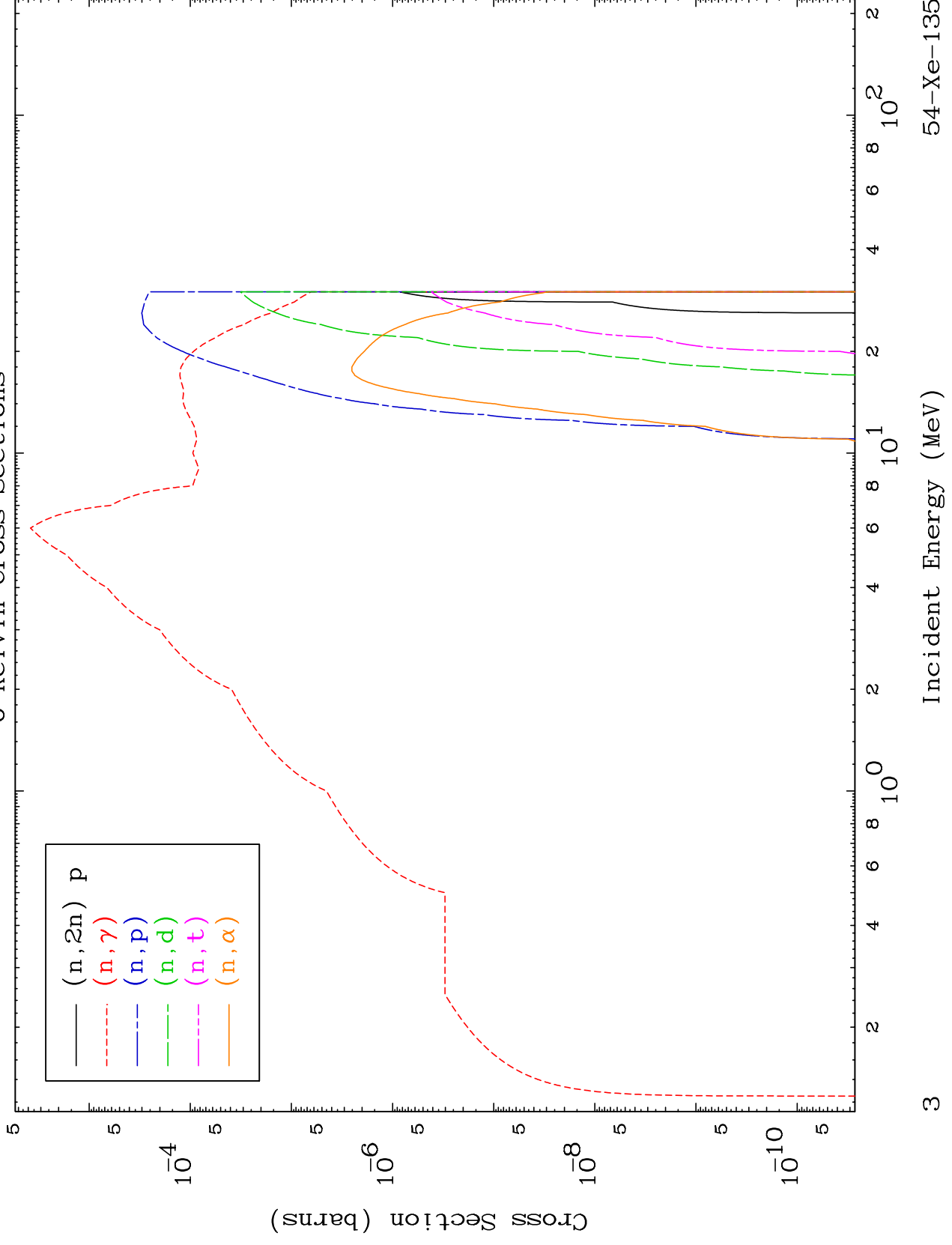
MAT 5458

Photon Neutron Absorption
0 Kelvin Cross Sections

54-Xe-135



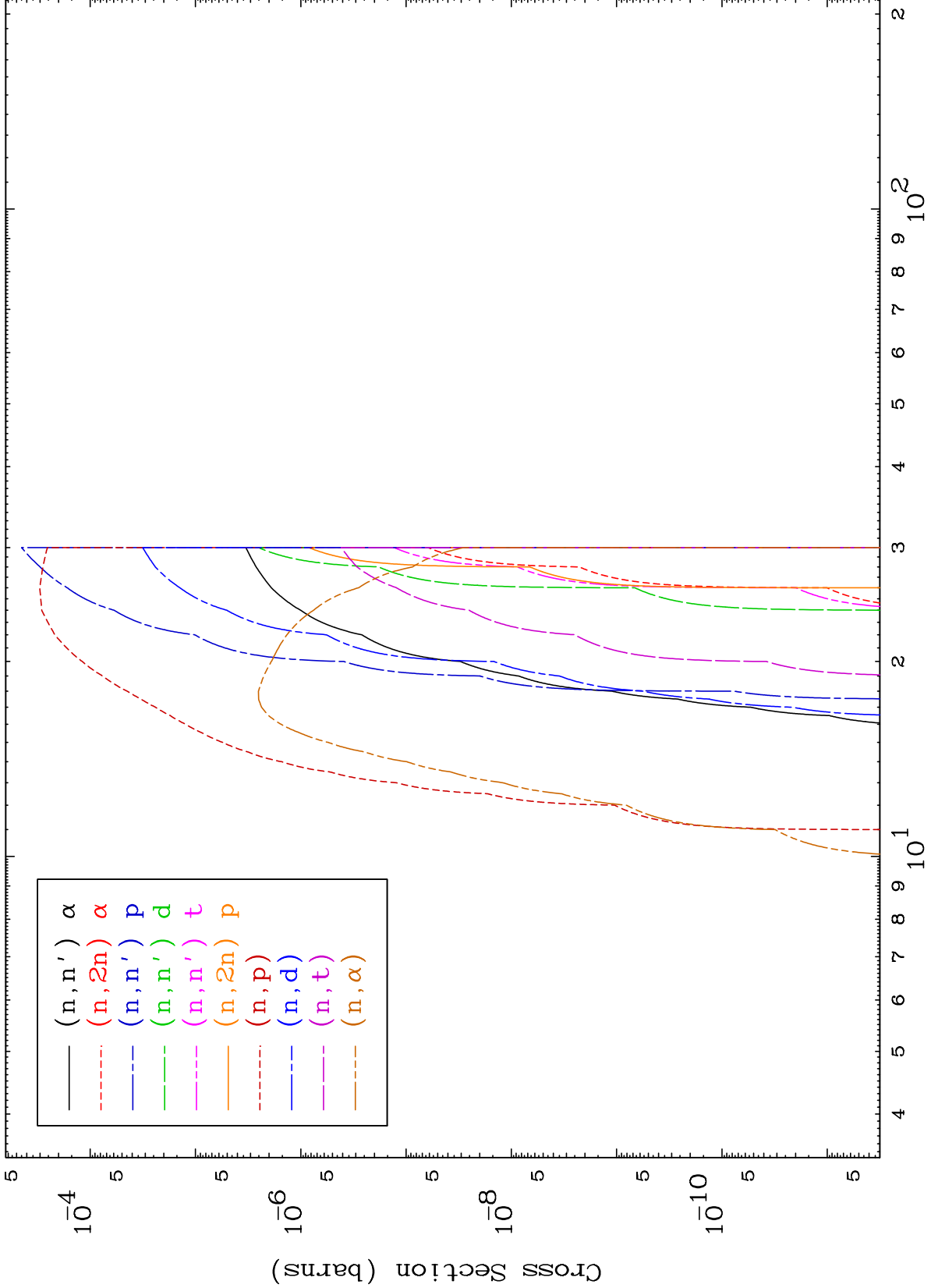
54-Xe-135



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Photon Charged Particle
0 Kelvin Cross Sections

54-Xe-135



54-Xe-135

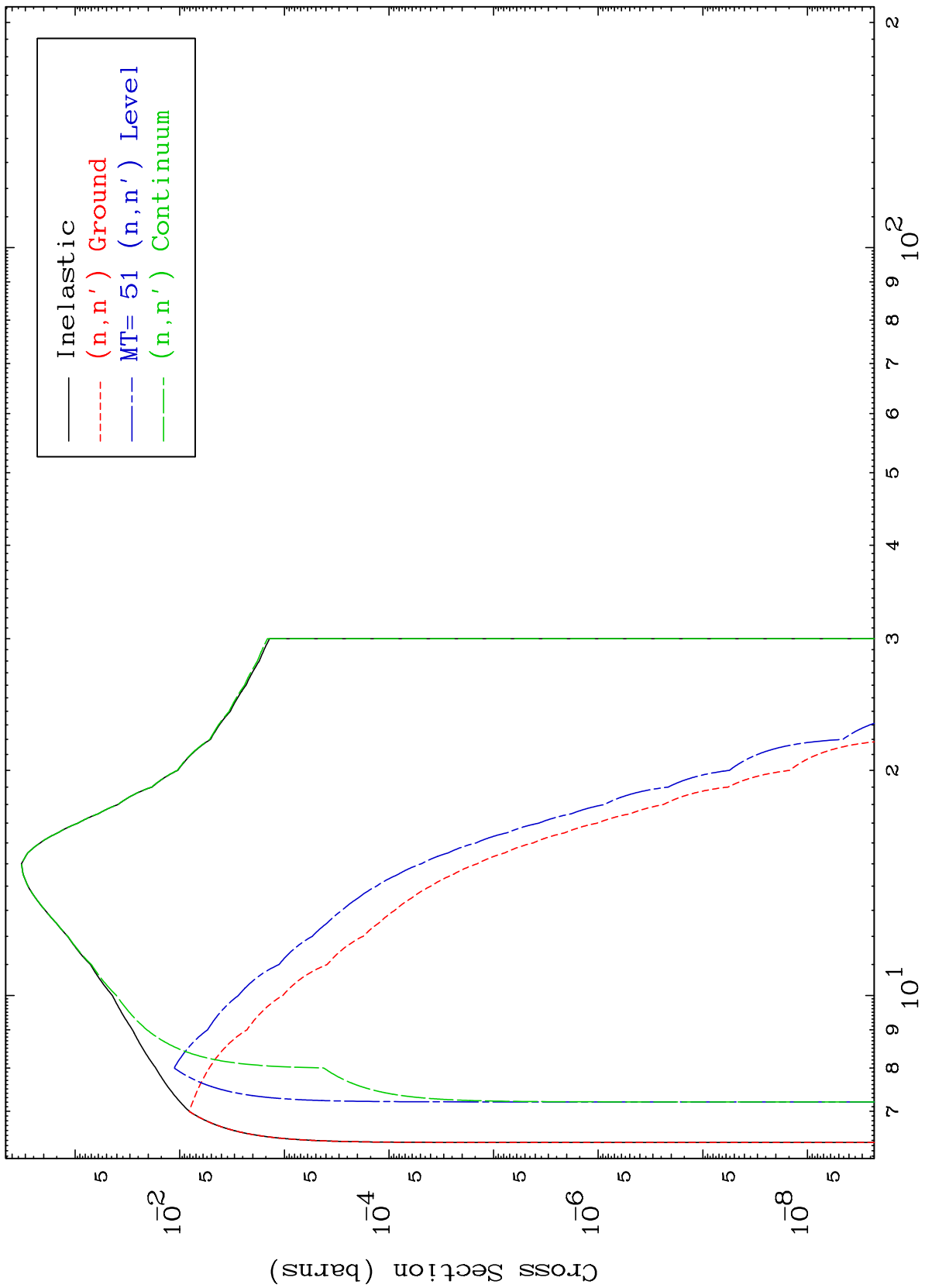
Incident Energy (MeV)

4

MAT 5458

54-Xe-135

(γ, n') Levels
0 Kelvin Cross Sections



5

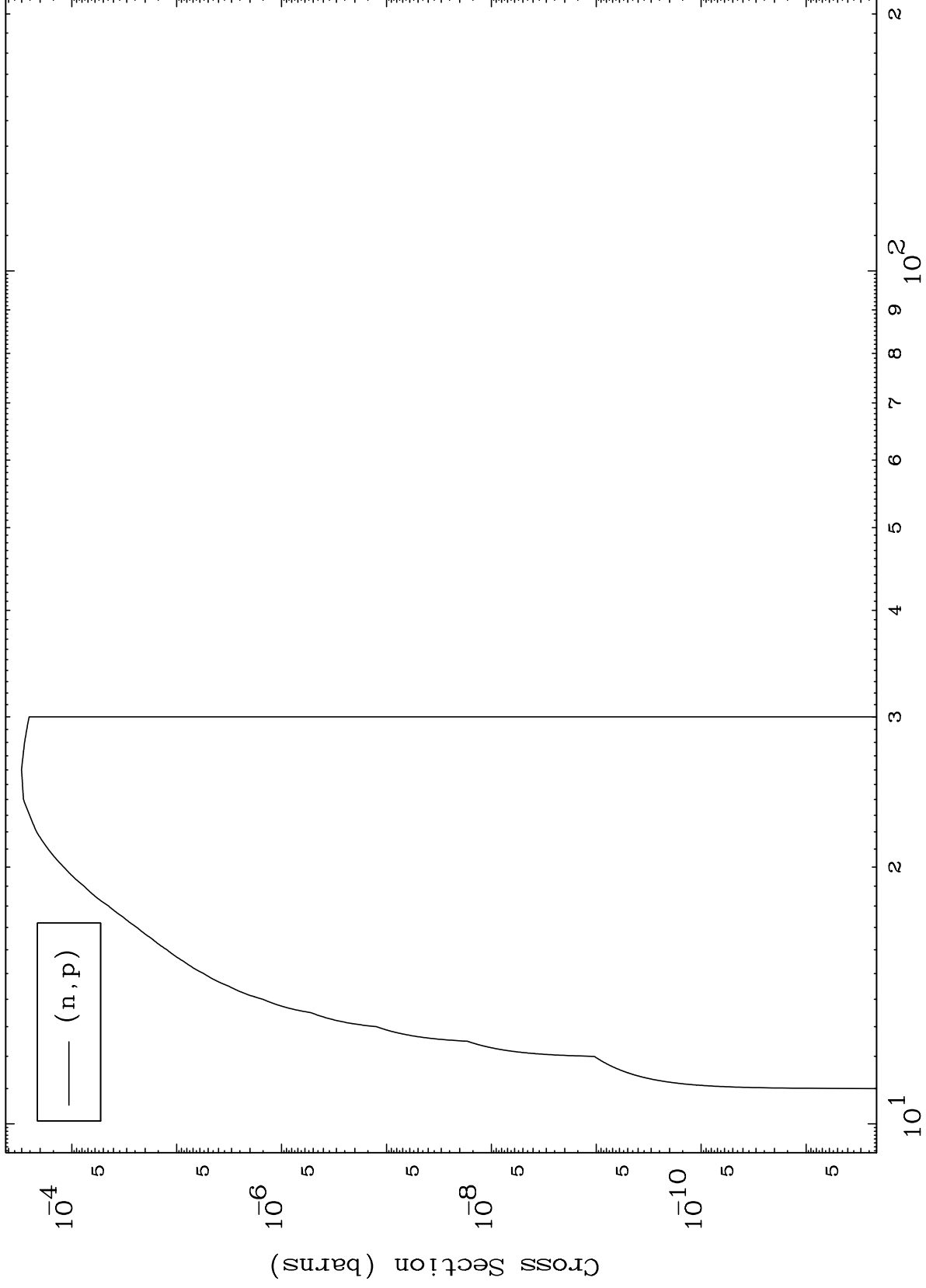
Incident Energy (MeV)

54-Xe-135

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(γ, p) Levels
0 Kelvin Cross Sections

54-Xe-135



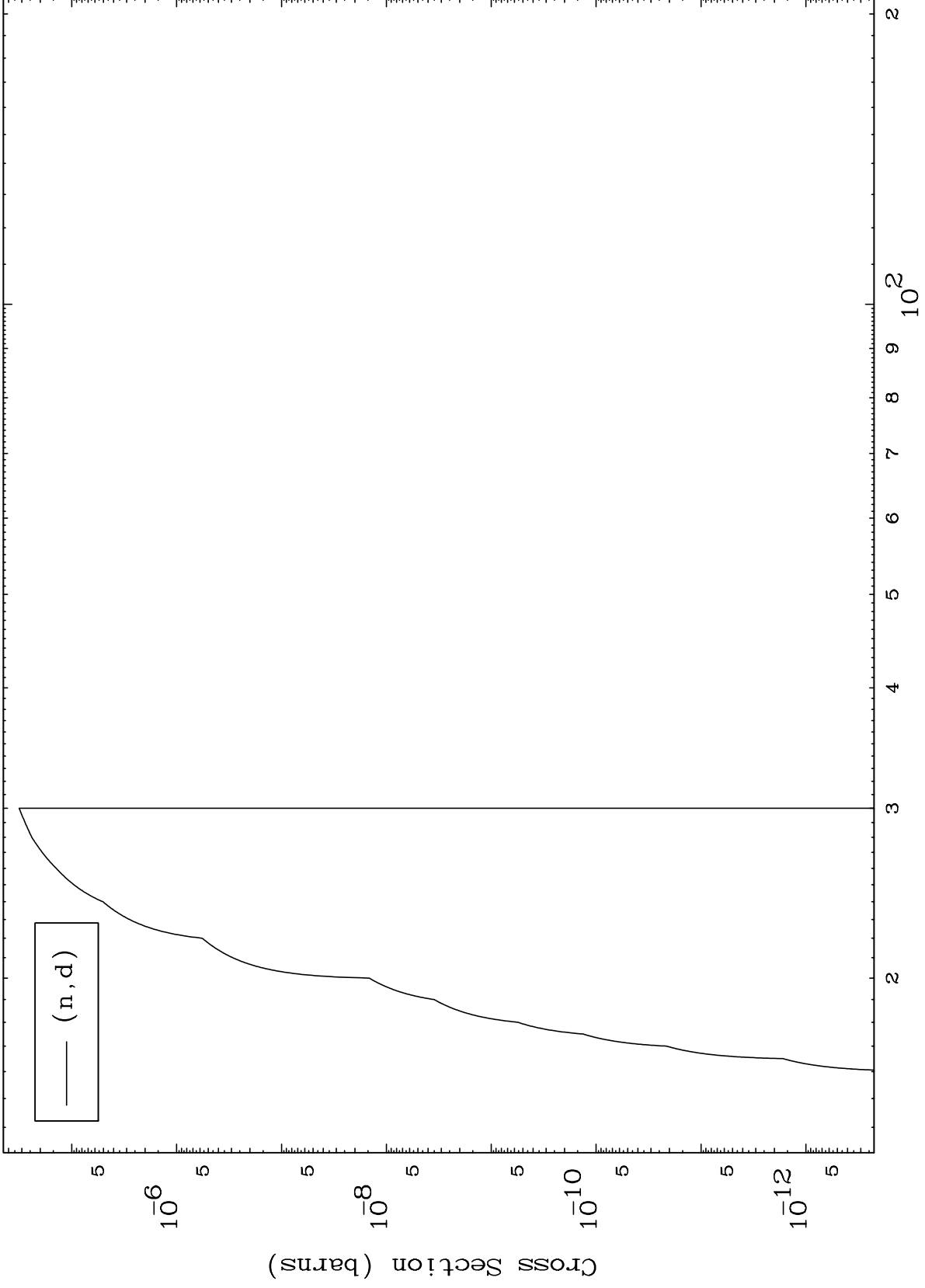
Incident Energy (MeV)

54-Xe-135

MAT 5458

(γ, d) Levels
0 Kelvin Cross Sections

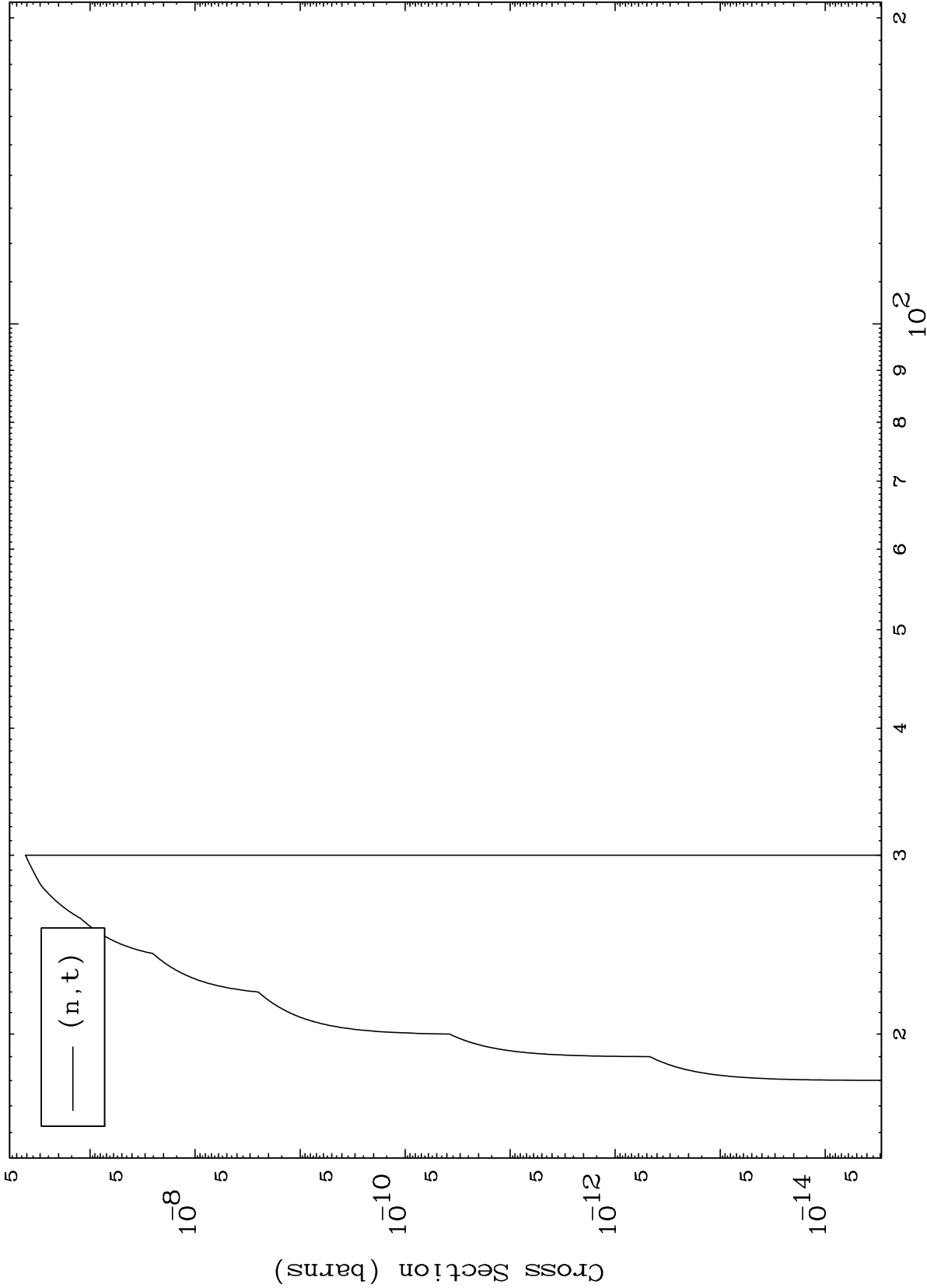
54-Xe-135



7

Incident Energy (MeV)

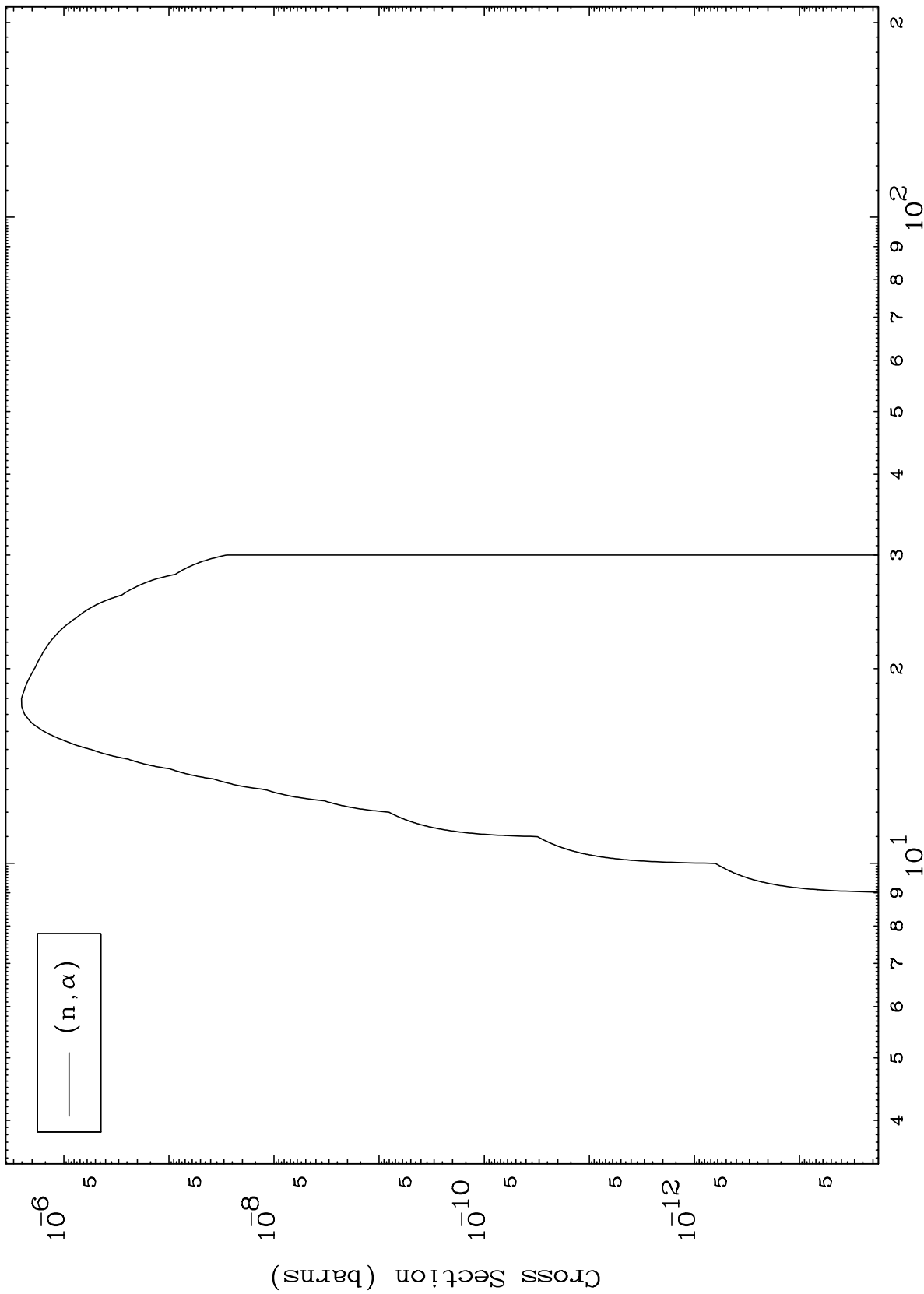
54-Xe-135



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54-Xe-135

(γ, α) Levels
0 Kelvin Cross Sections



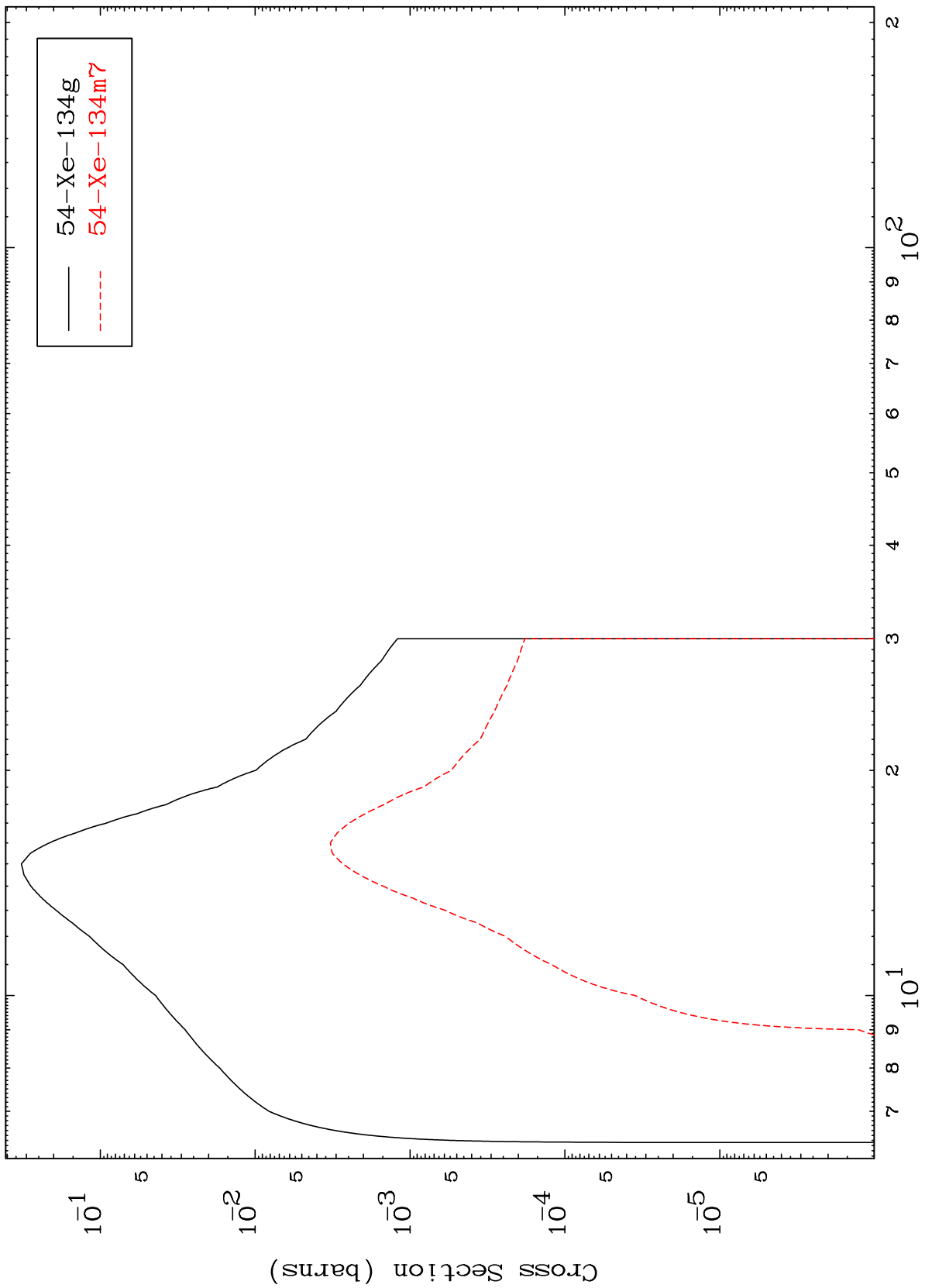
54-Xe-135

Incident Energy (MeV)

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54-Xe-135

Inelastic
Radionuclide Production Cross Section



10

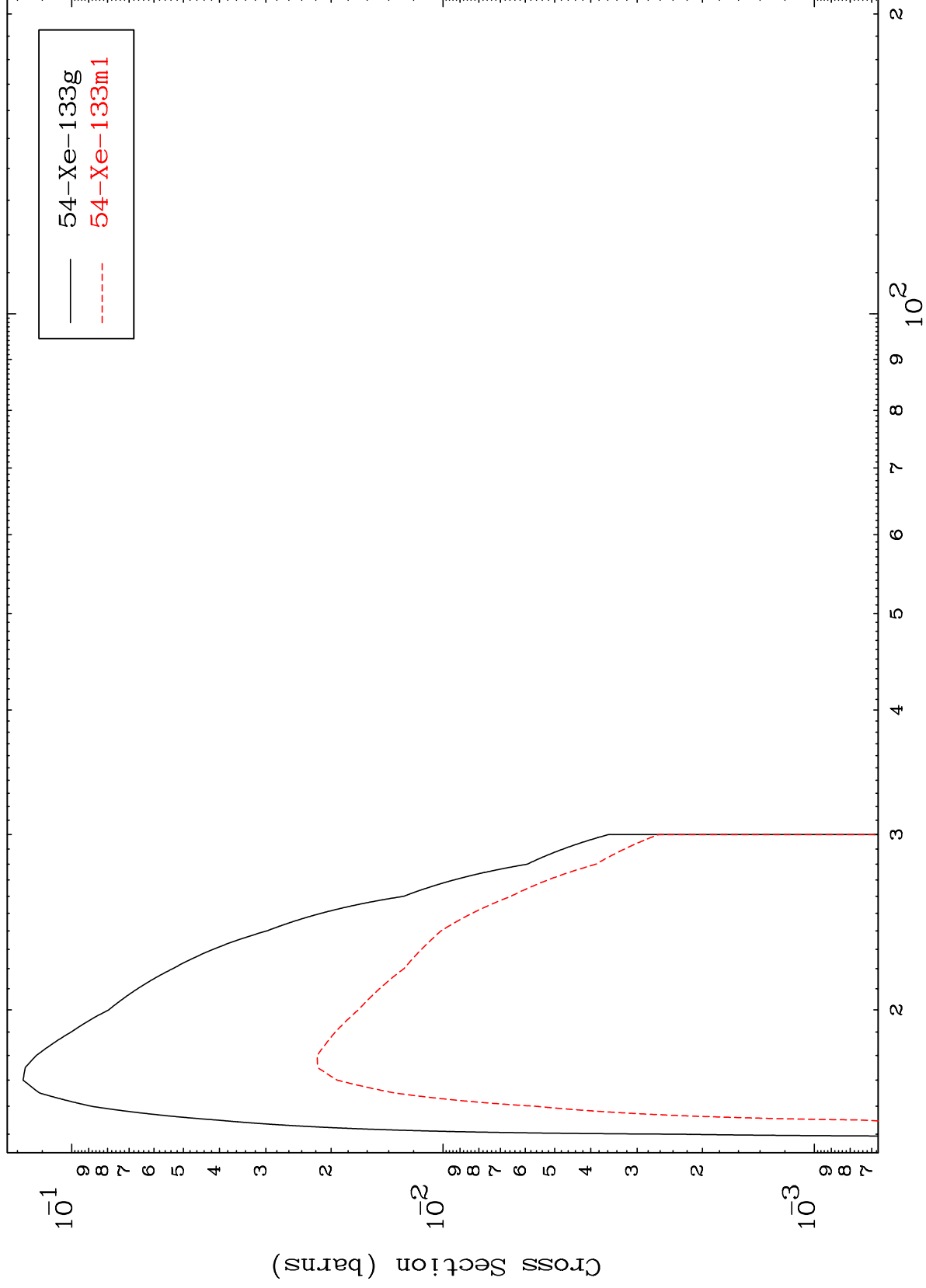
Incident Energy (MeV)

54-Xe-135

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54-Xe-135

(n,2n)
Radionuclide Production Cross Section



11

Incident Energy (MeV)

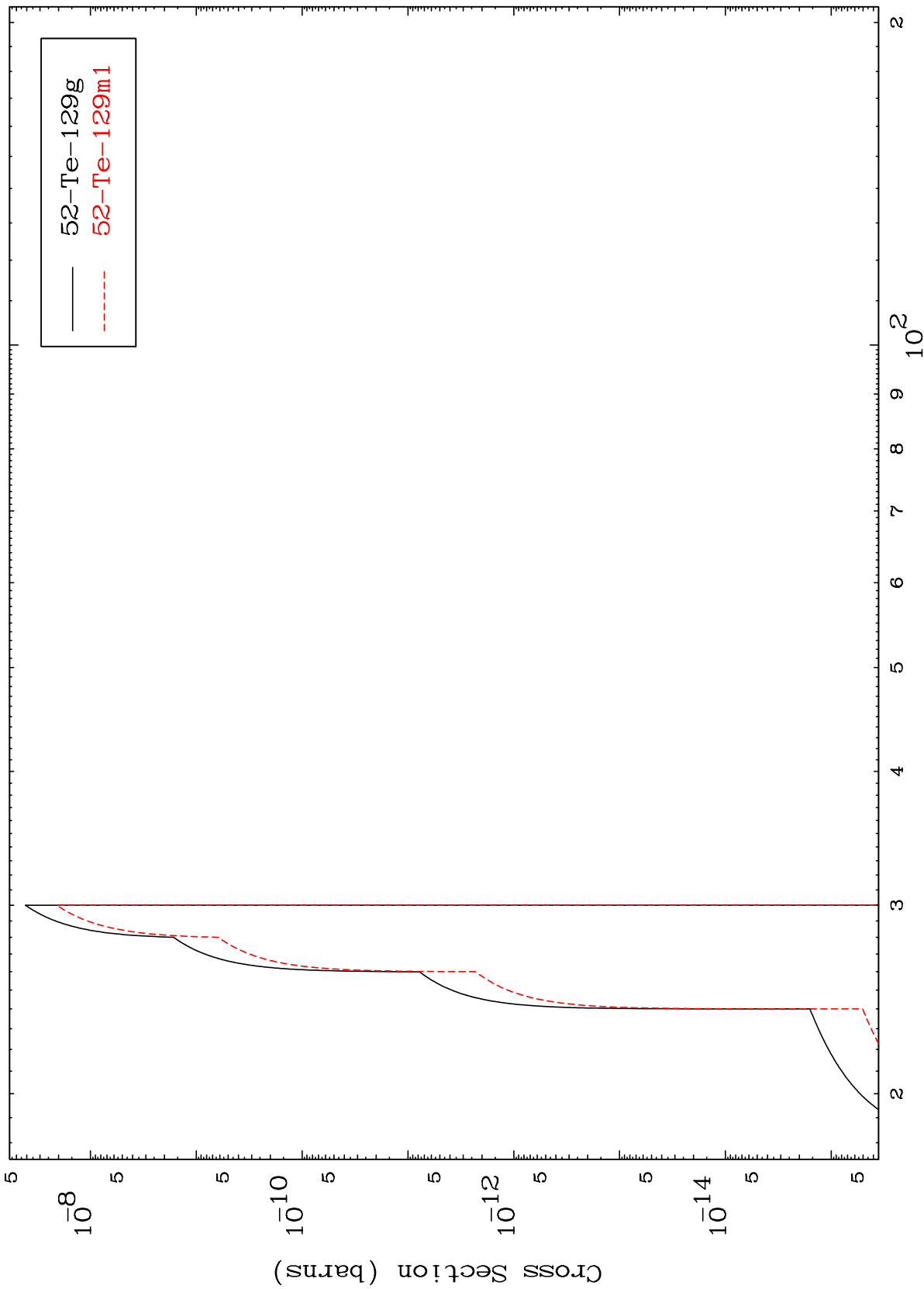
54-Xe-135

MAT 5458

$(n,2n) \alpha$

54-Xe-135

Radionuclide Production Cross Section

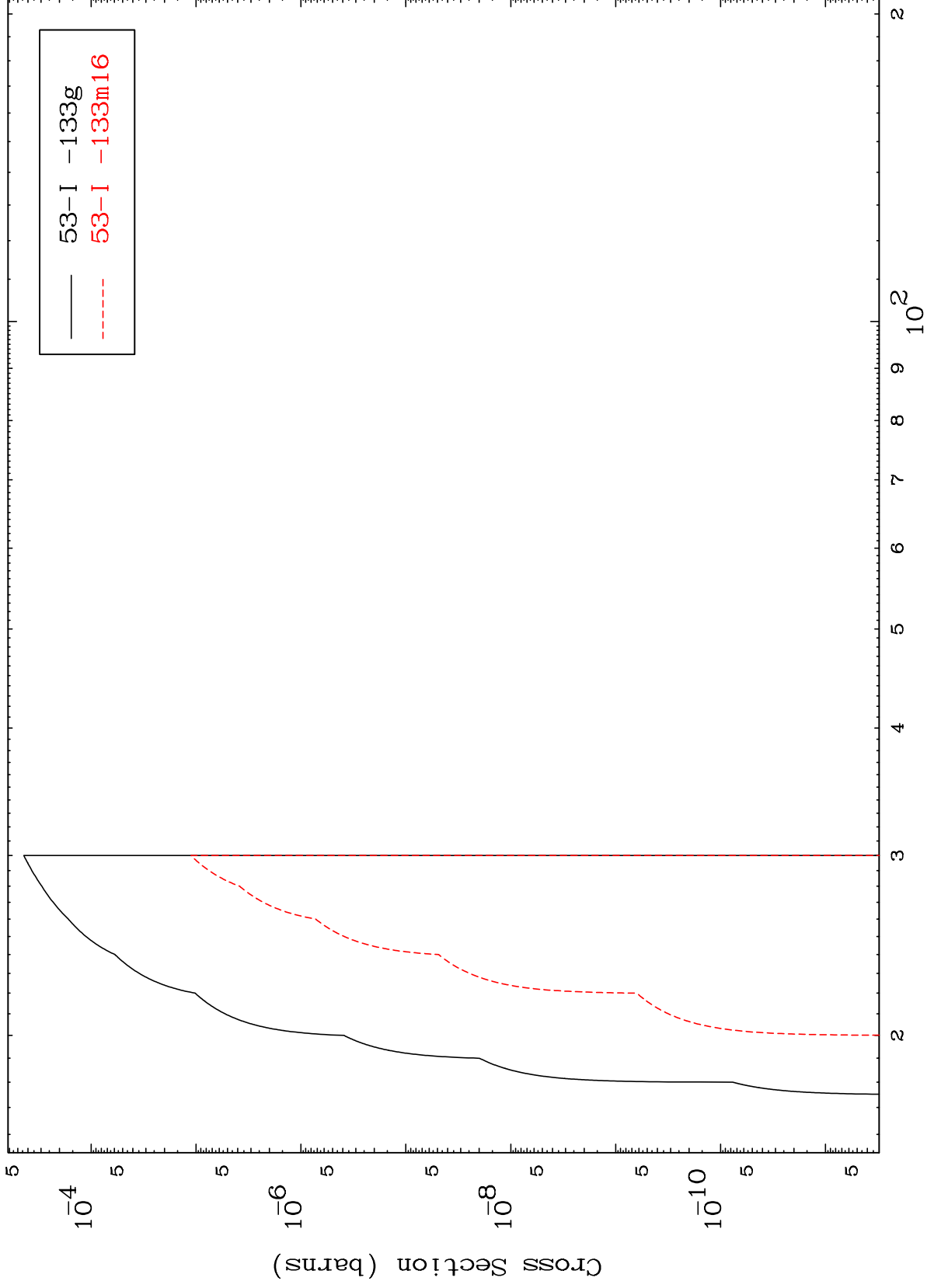


12

Incident Energy (MeV)

54-Xe-135

Radionuclide Production Cross Section

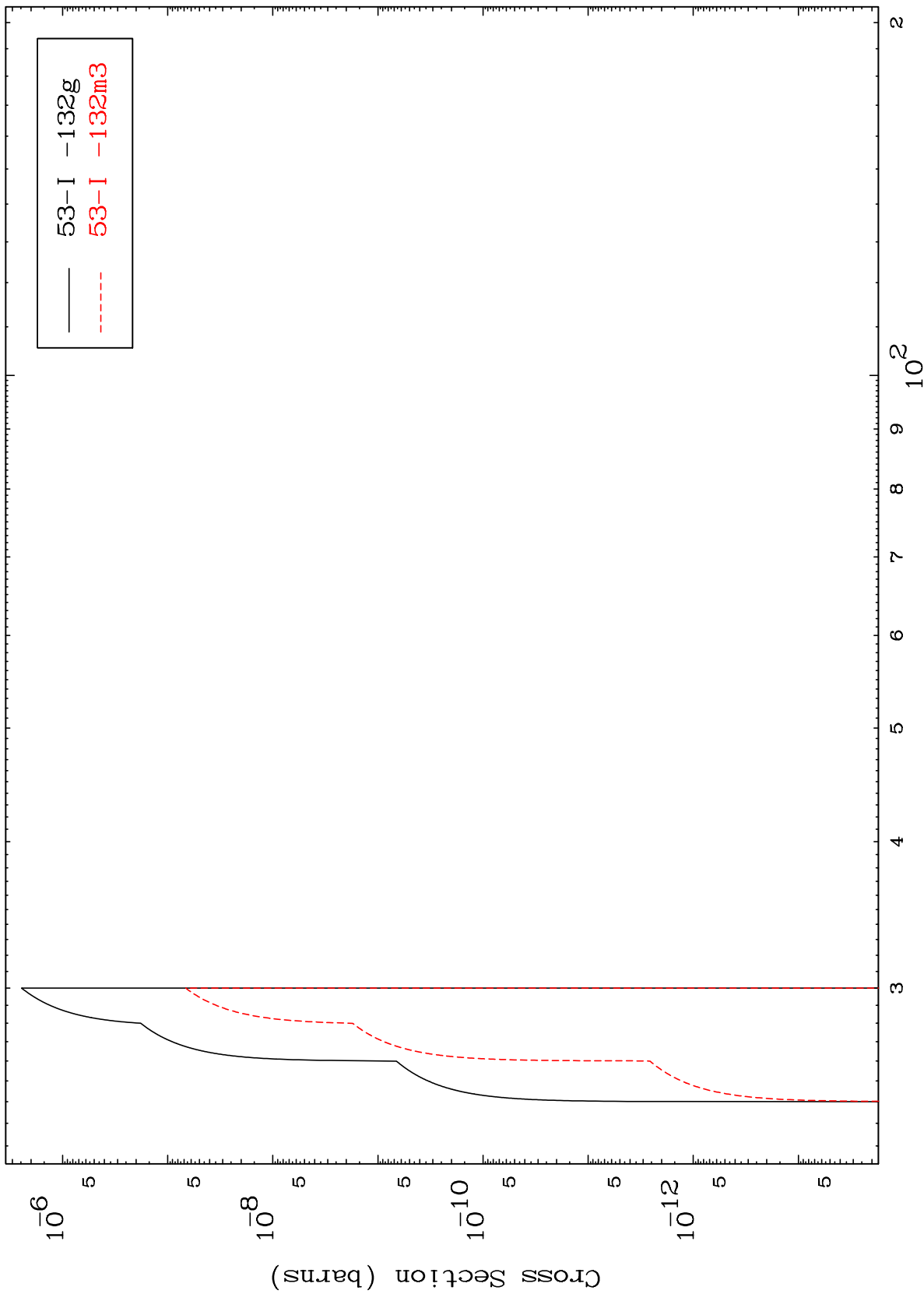


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(n,n') d

54-Xe-135

Radionuclide Production Cross Section



14

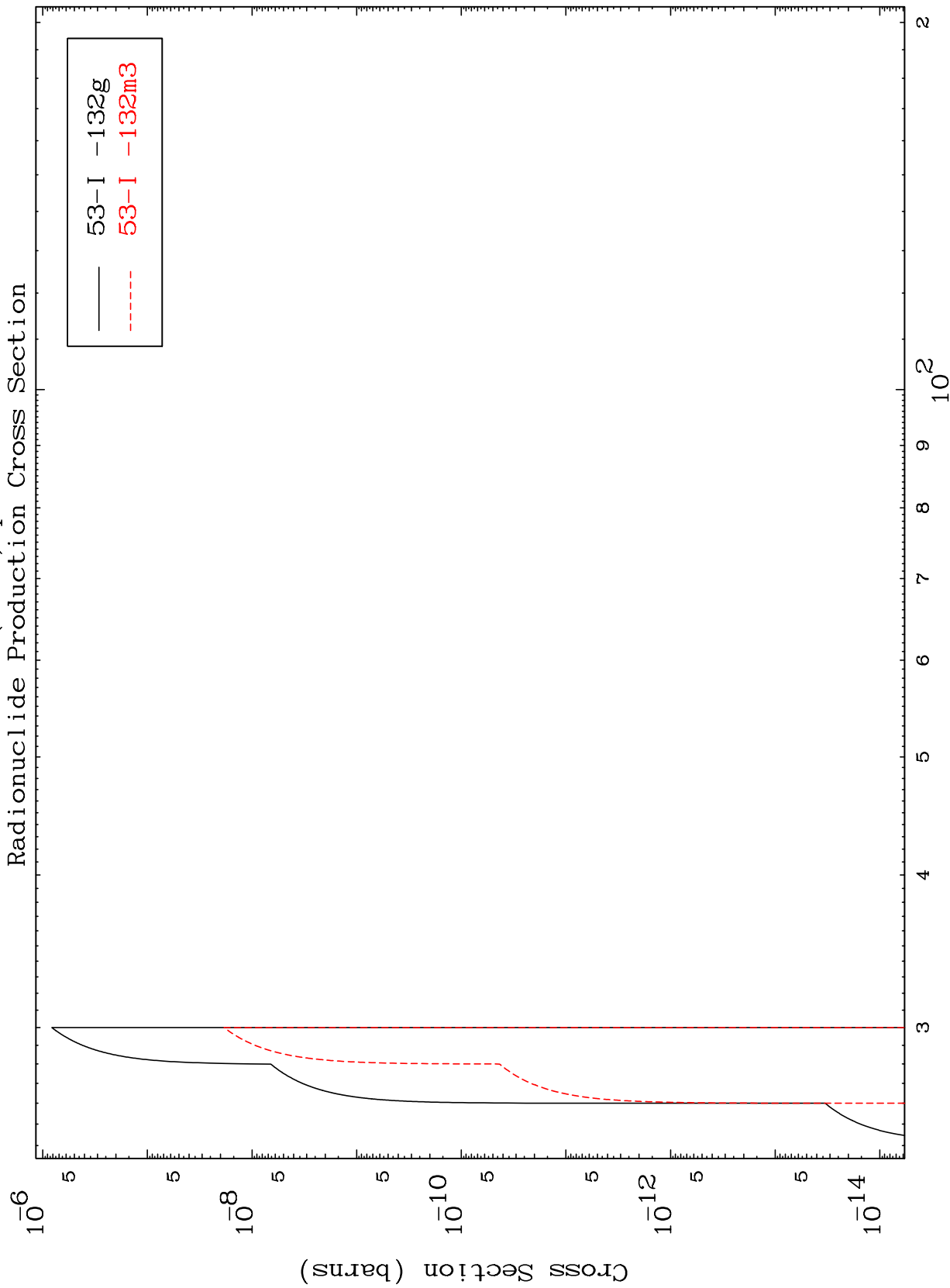
Incident Energy (MeV)

54-Xe-135

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54-Xe-135

(n,2n) p
Radionuclide Production Cross Section



54-Xe-135

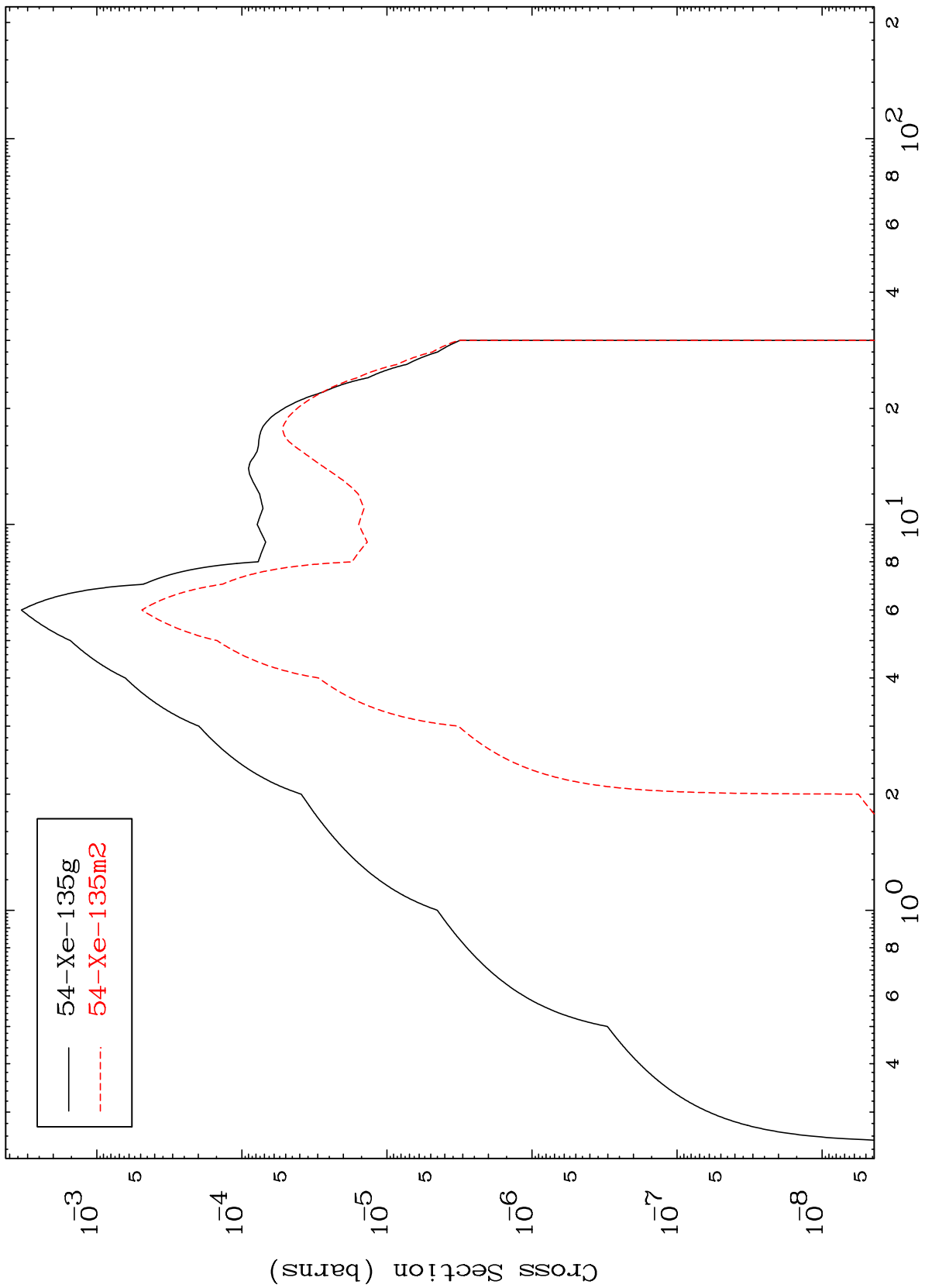
Incident Energy (MeV)

15

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54-Xe-135

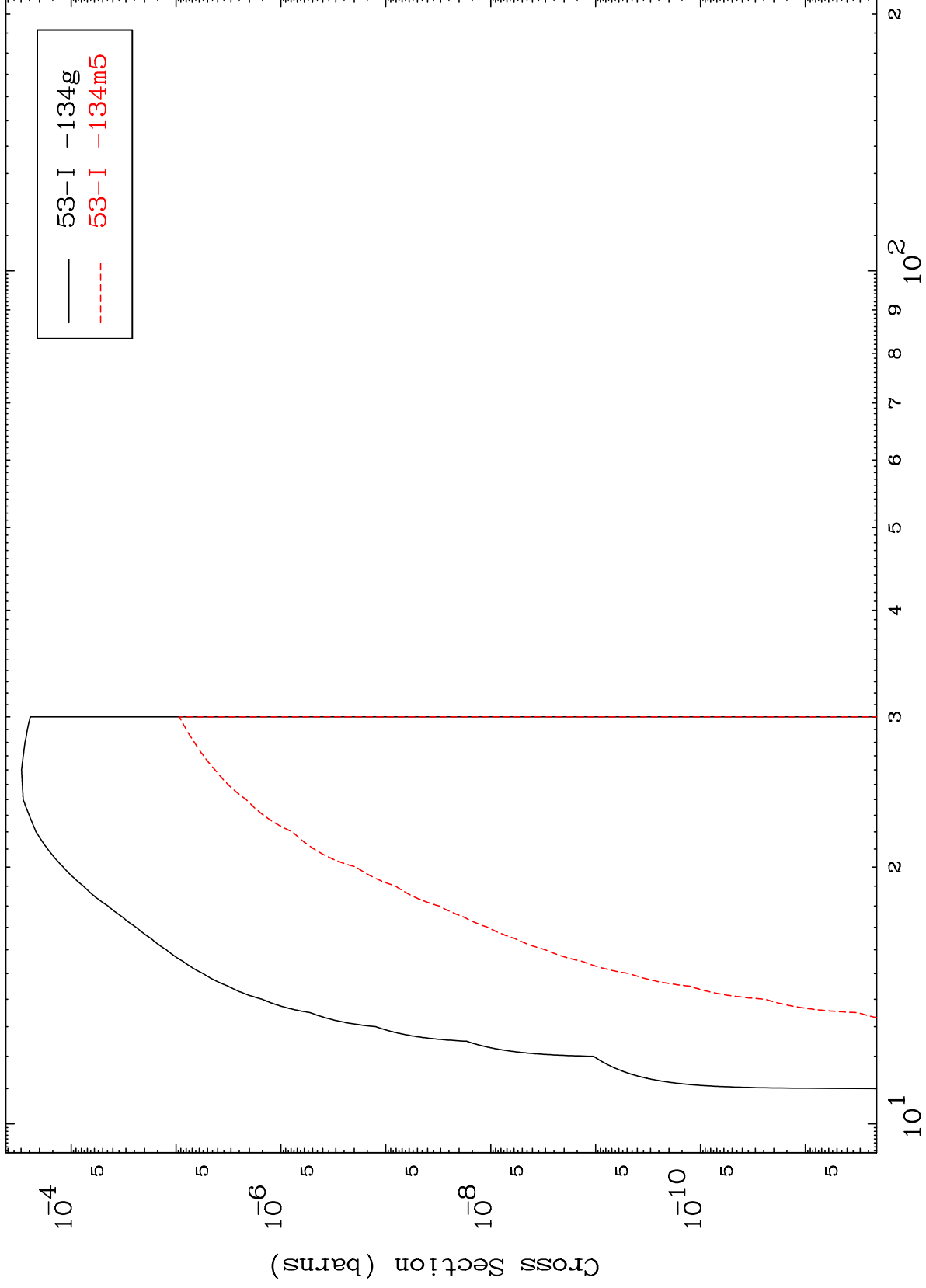
(n, γ)
Radionuclide Production Cross Section



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54-Xe-135

(n,p)
Radionuclide Production Cross Section



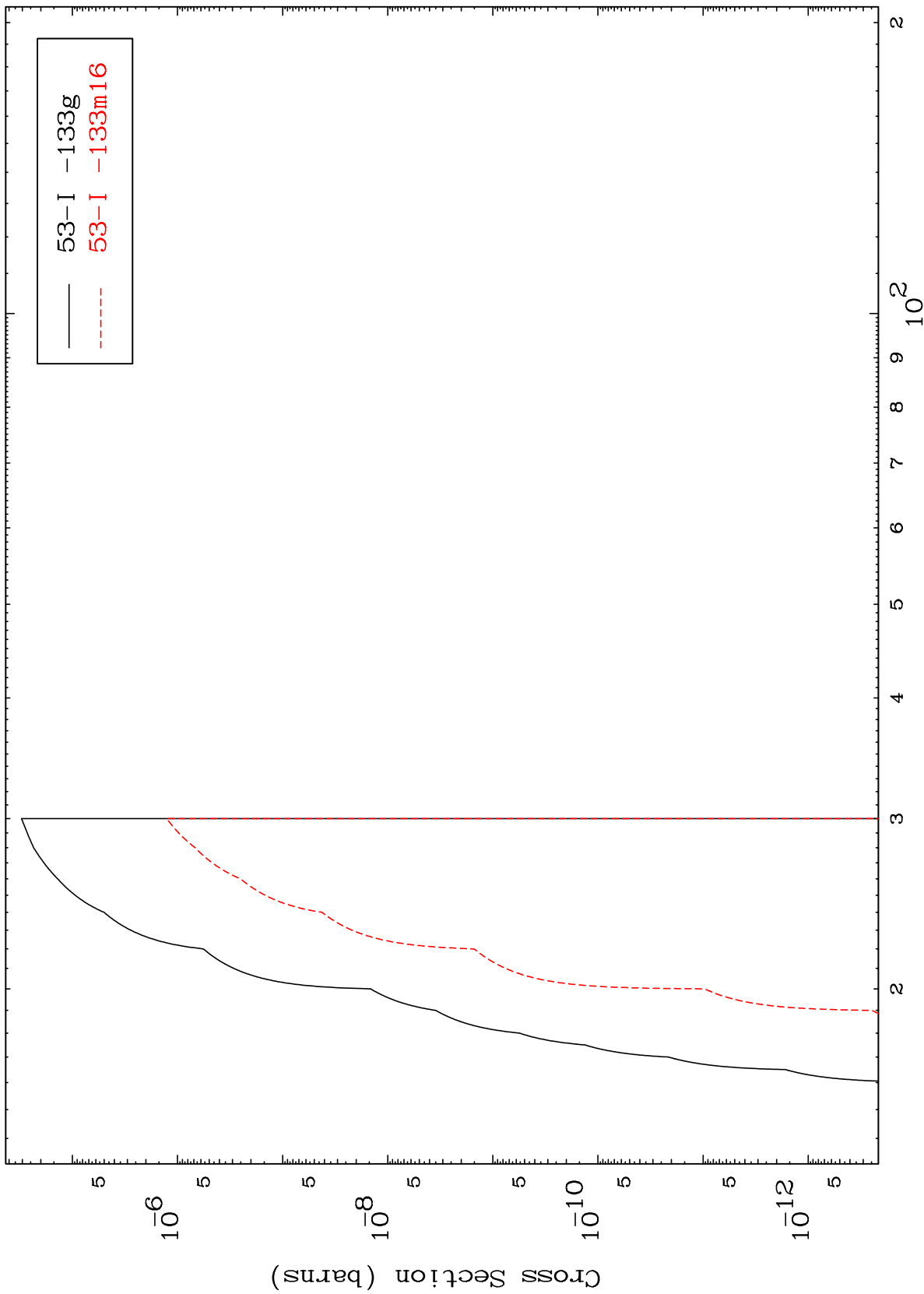
53-I -134g
53-I -134m5

54-Xe-135

Incident Energy (MeV)

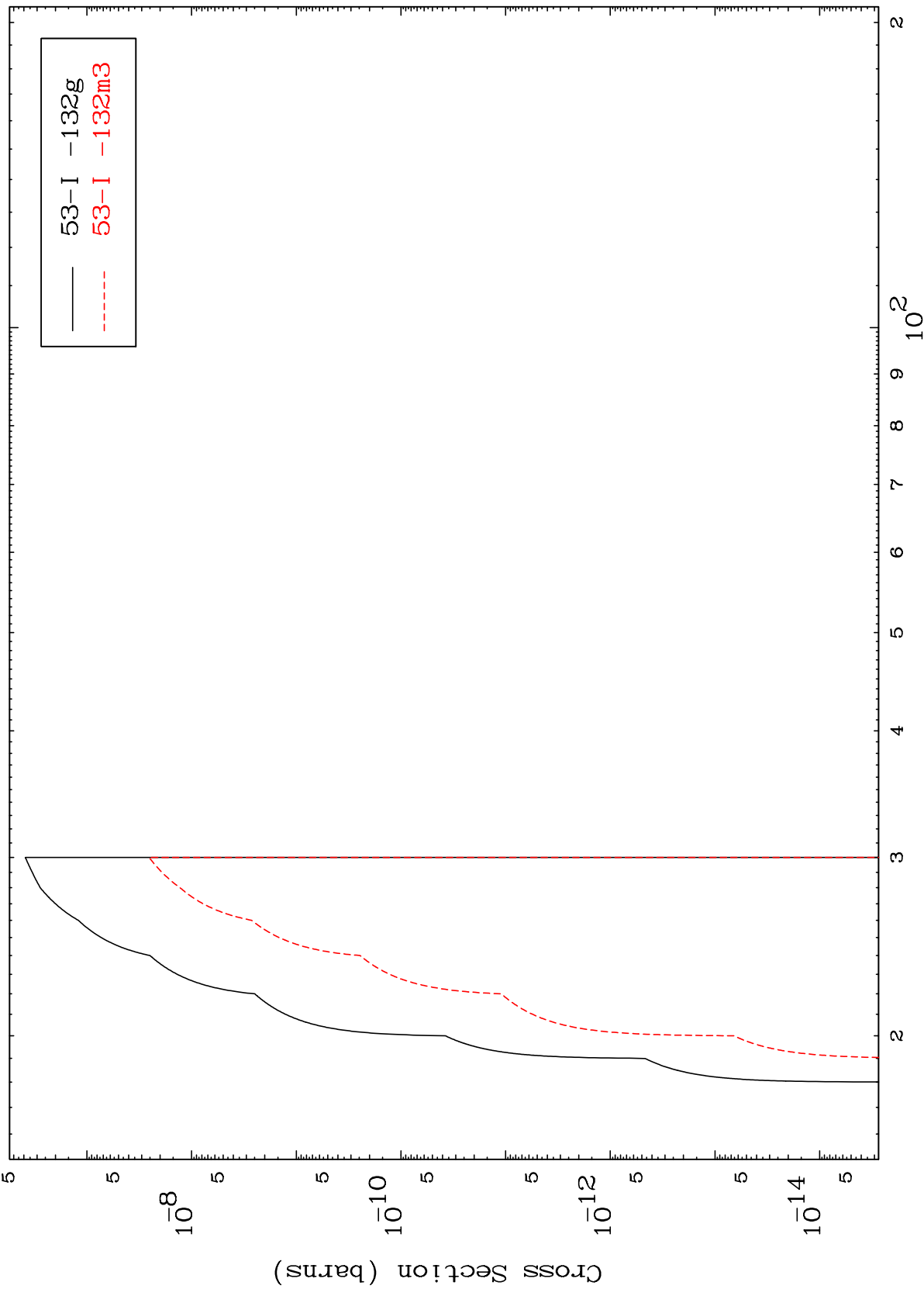
17

(n,d)
Radionuclide Production Cross Section



53-I -133g
53-I -133m16

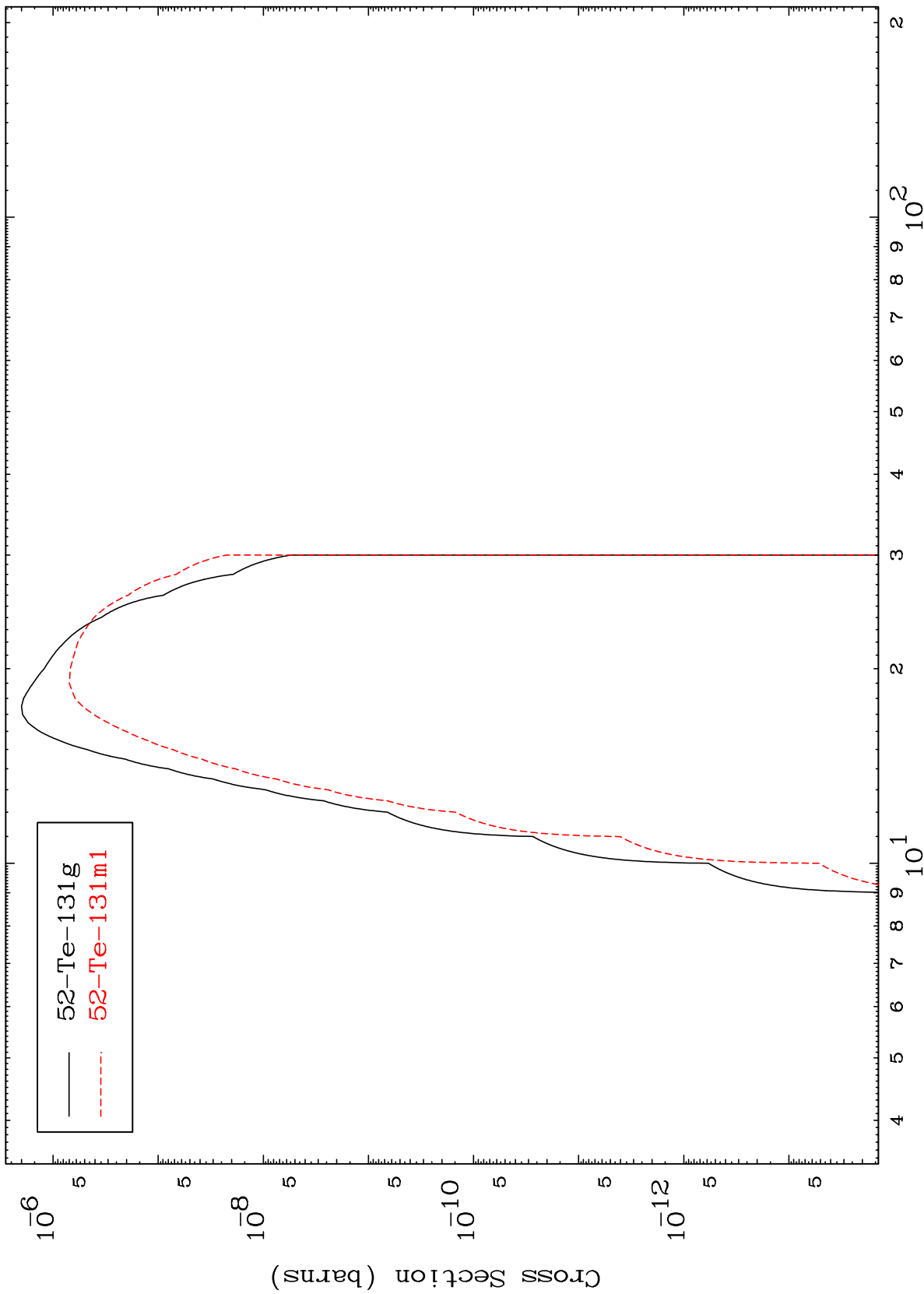
(n, t)
Radionuclide Production Cross Section



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54-Xe-135

Radionuclide Production Cross Section
(n, α)



Incident Energy (MeV)

54-Xe-135

20