

Program EVALPLOT
(Version 2021-1)

by

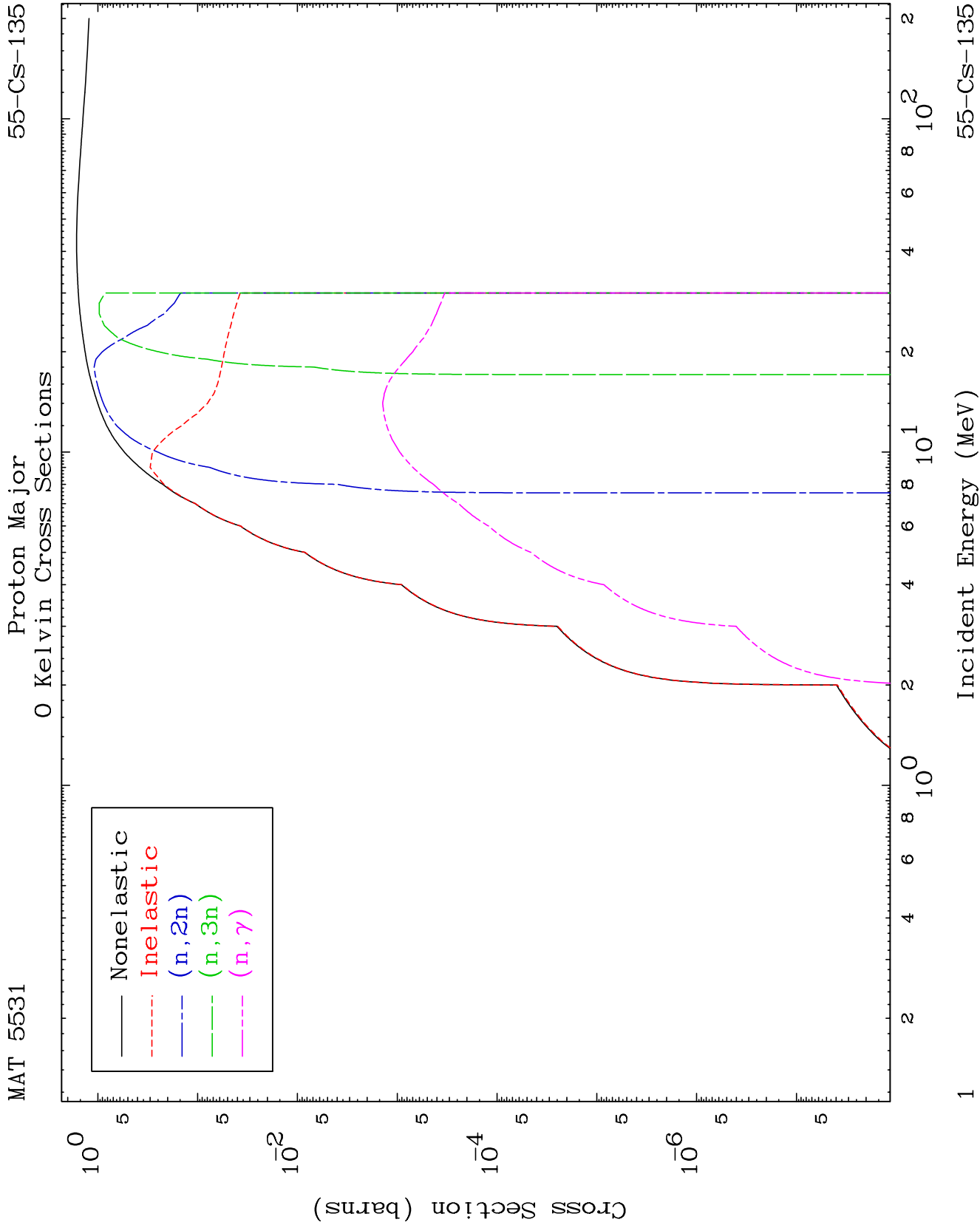
Dermott E. Cullen
(Present Contact Information)

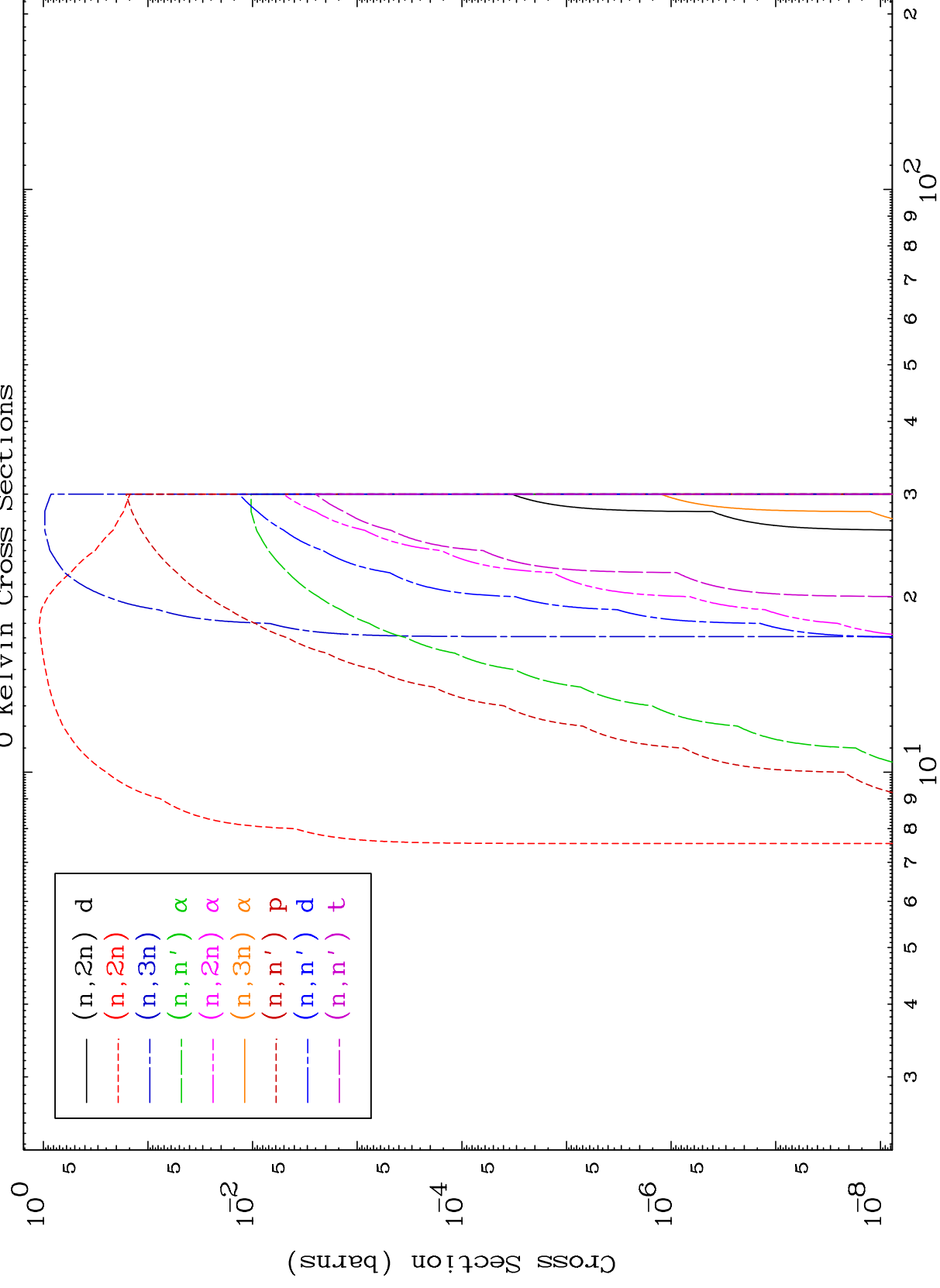
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Livermore, CA 94550
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E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

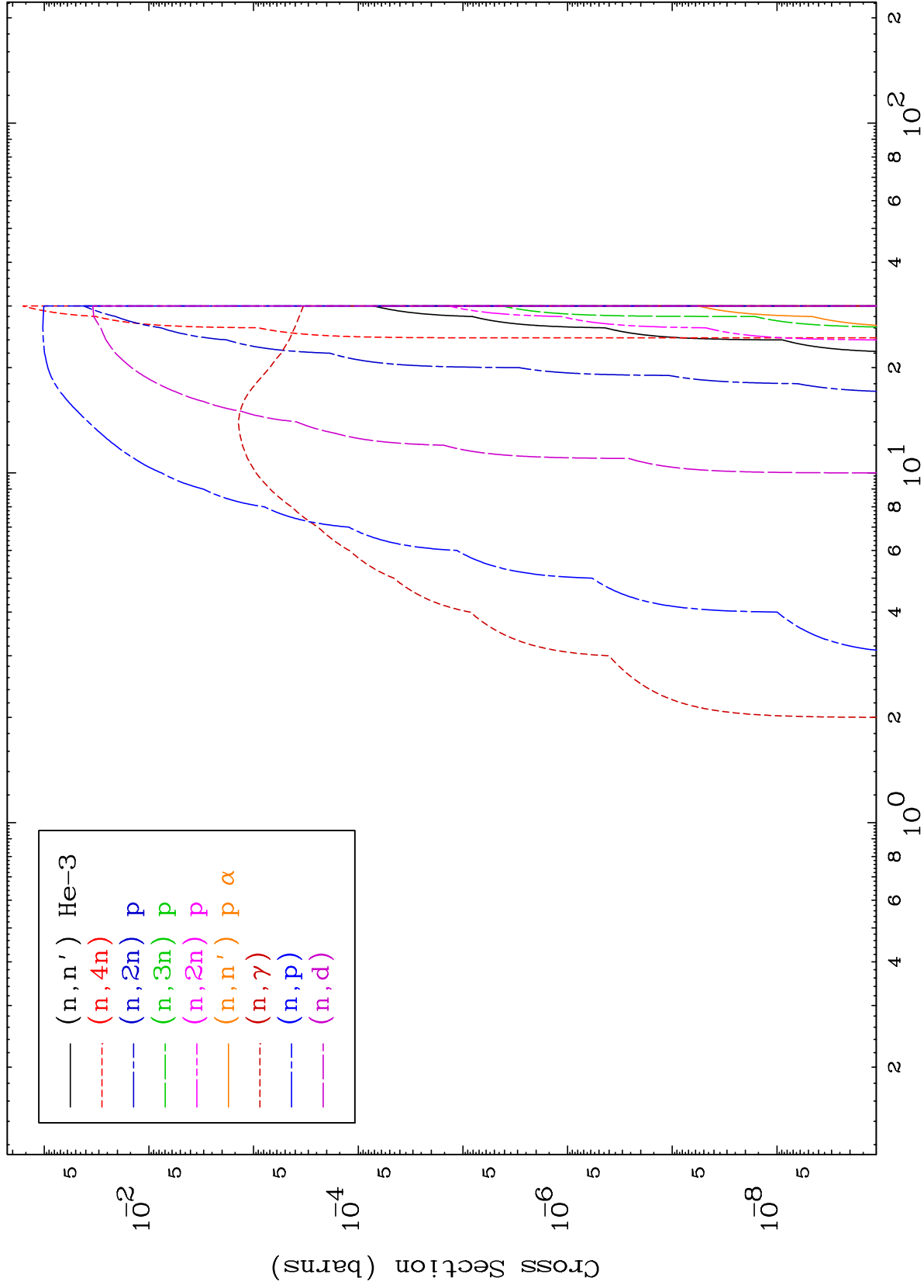


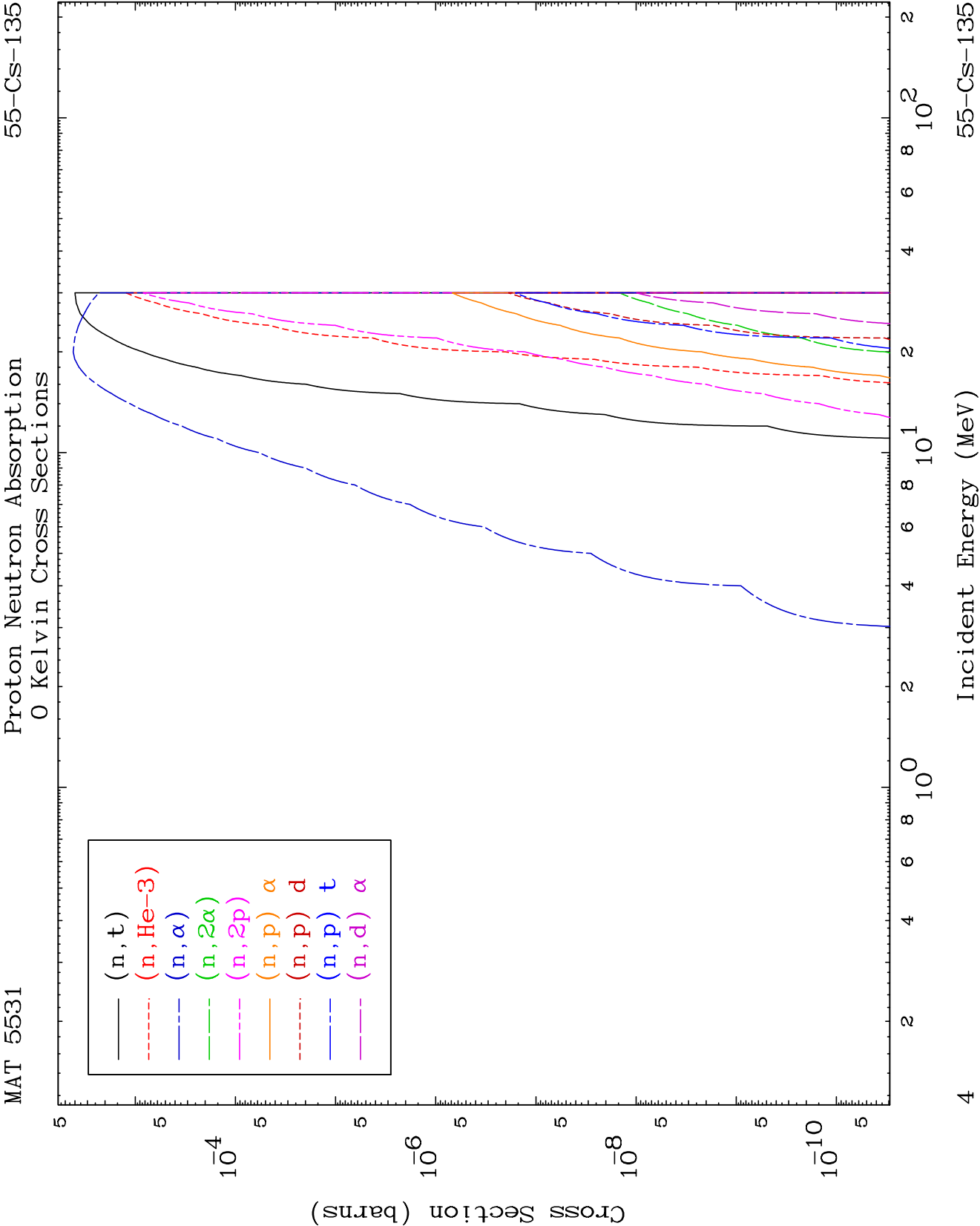


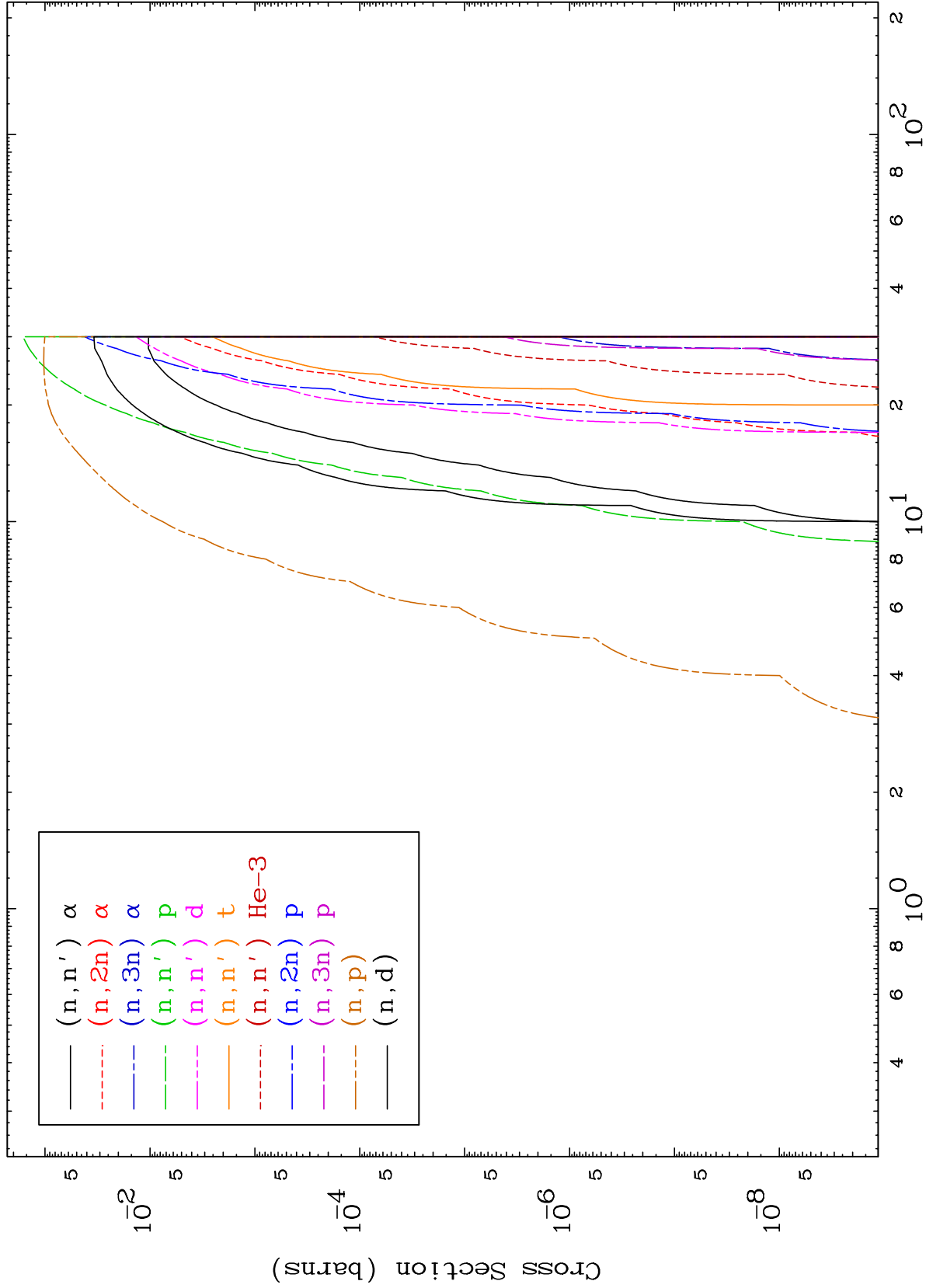
MAT 5531

Proton Neutron Absorption
0 Kelvin Cross Sections

55-Cs-135



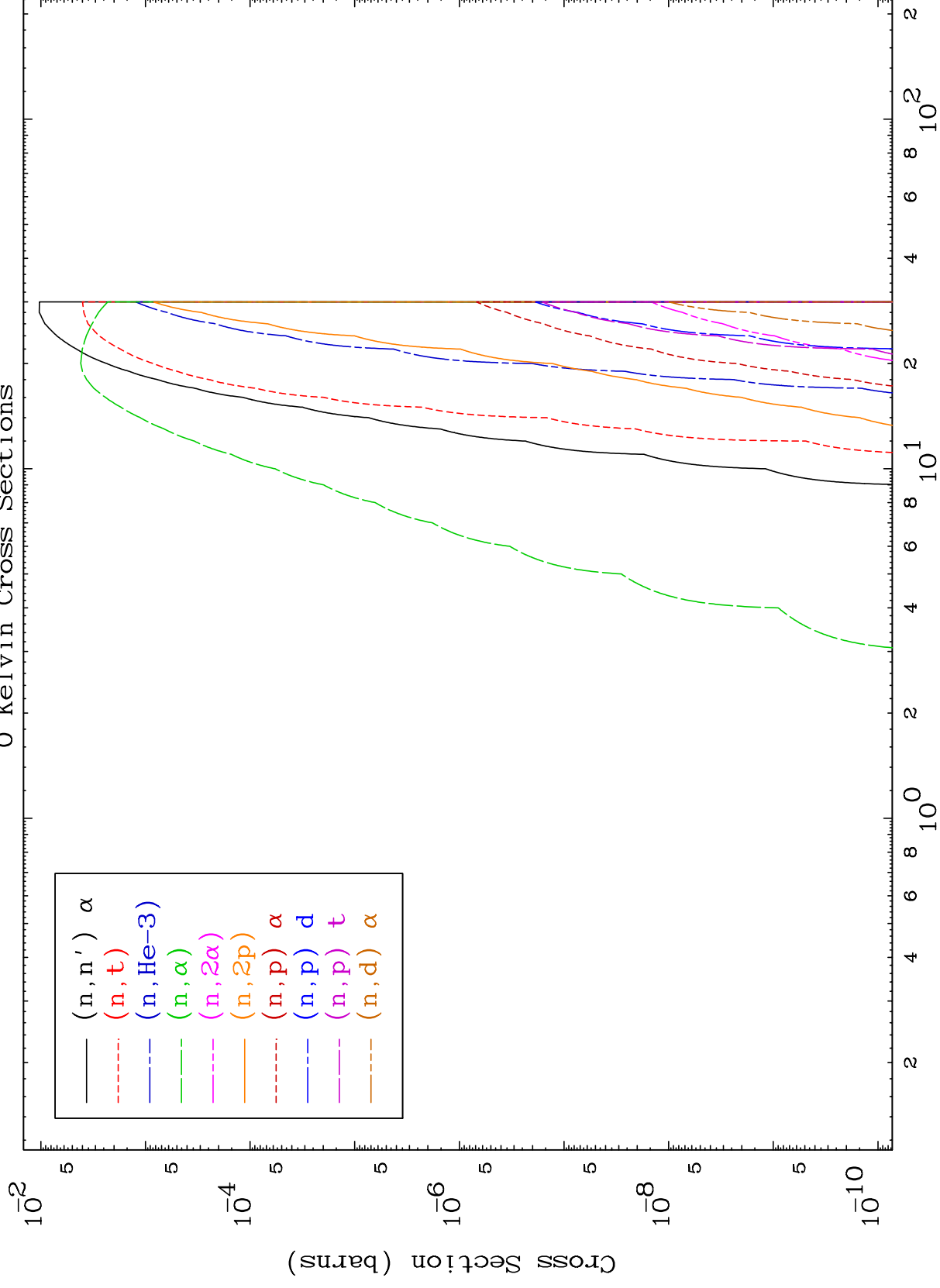




MAT 5531

Proton Charged Particle
0 Kelvin Cross Sections

55-CS-135



6

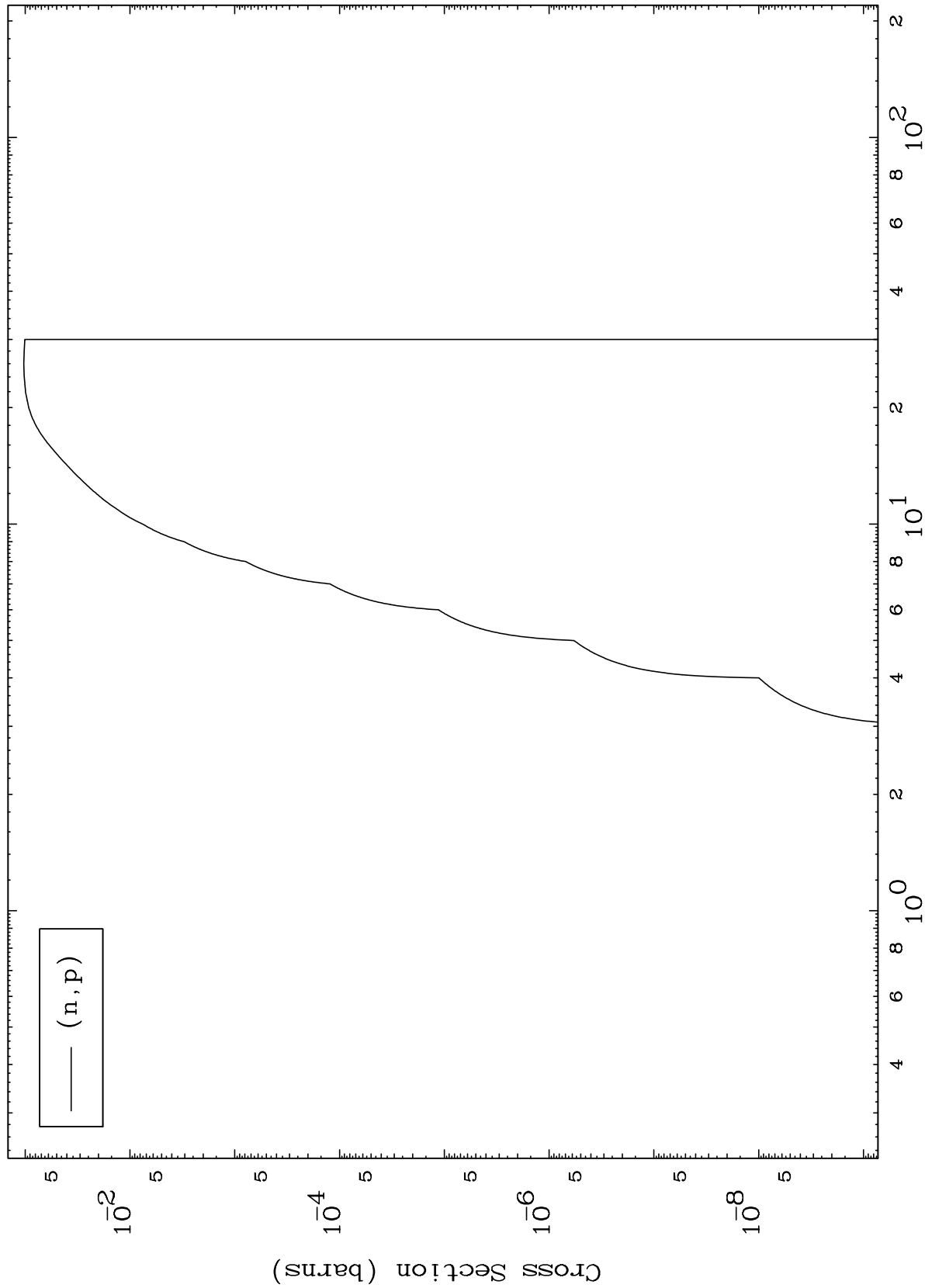
Incident Energy (MeV)

55-CS-135

MAT 5531

55-Cs-135

(p,p) Levels
0 Kelvin Cross Sections



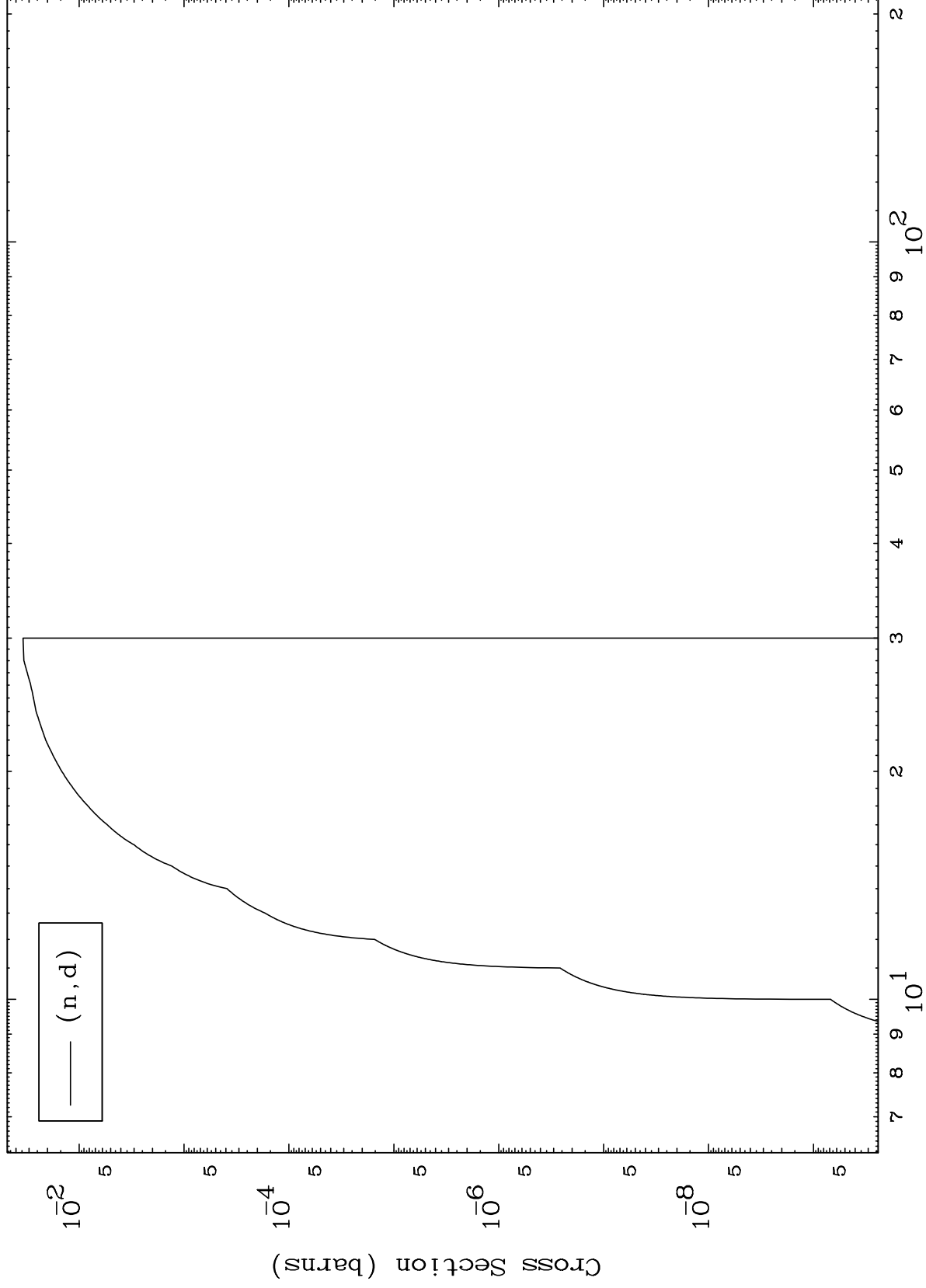
7

55-Cs-135

MAT 5531

55-Cs-135

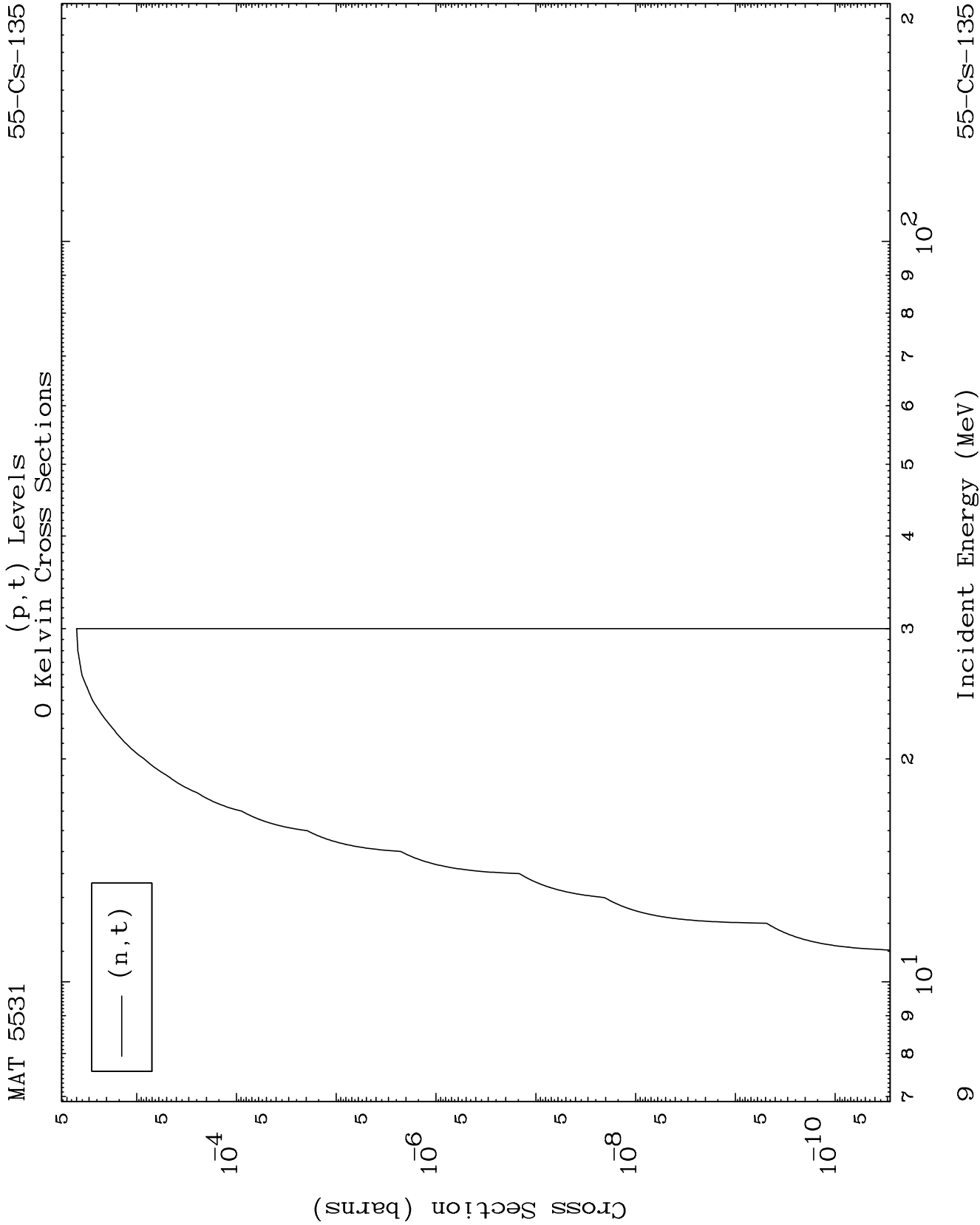
(p,d) Levels
0 Kelvin Cross Sections

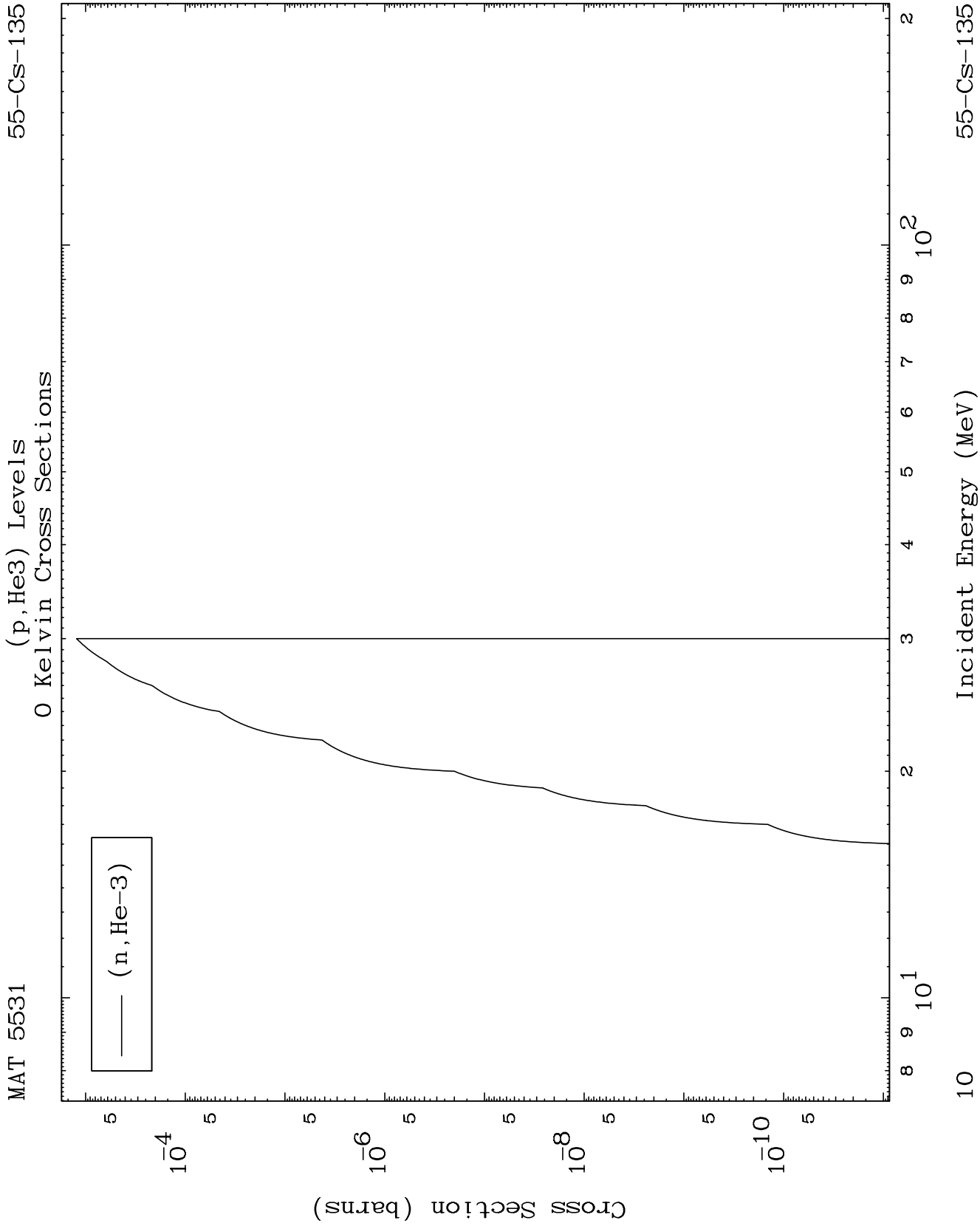


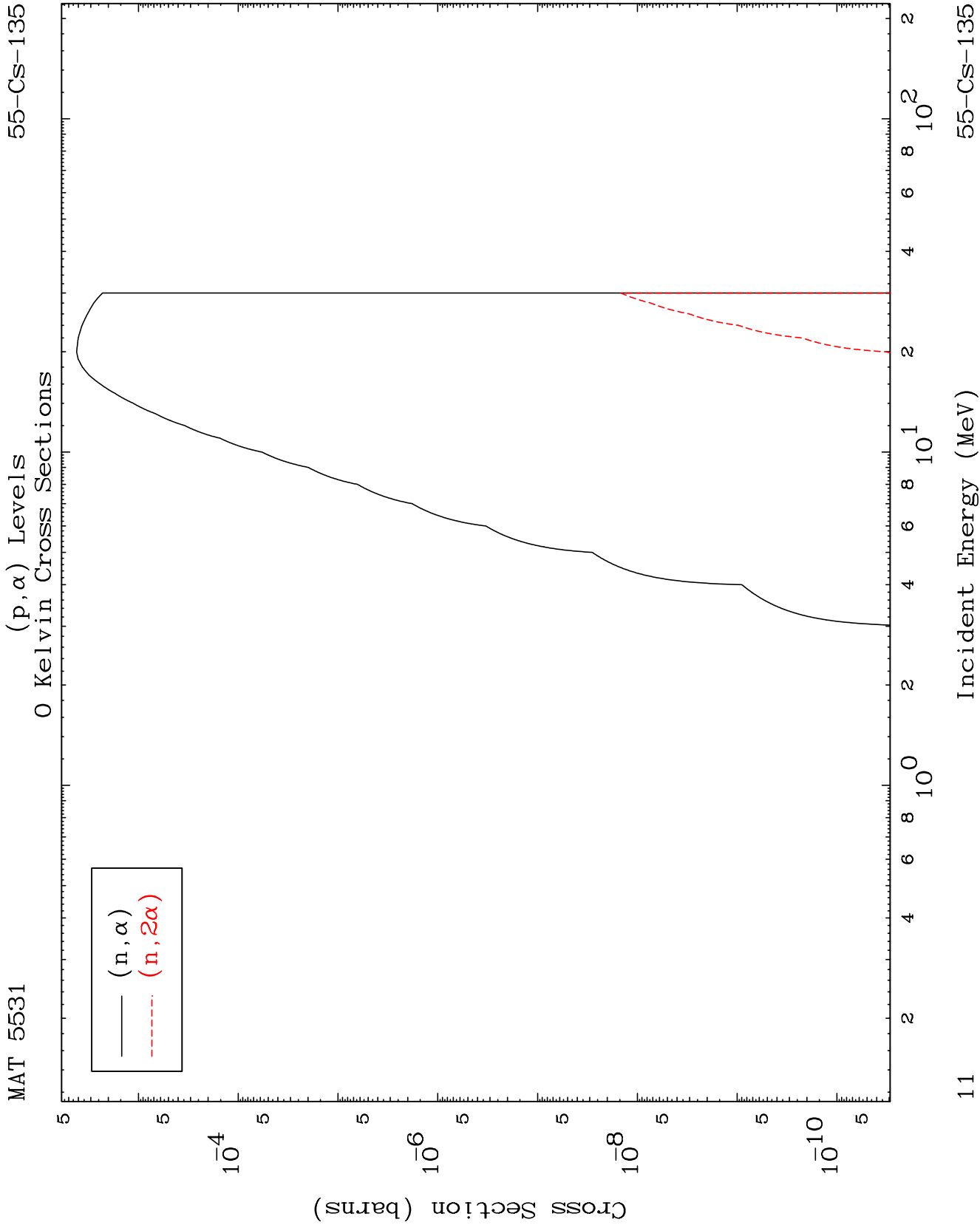
55-Cs-135

Incident Energy (MeV)

8



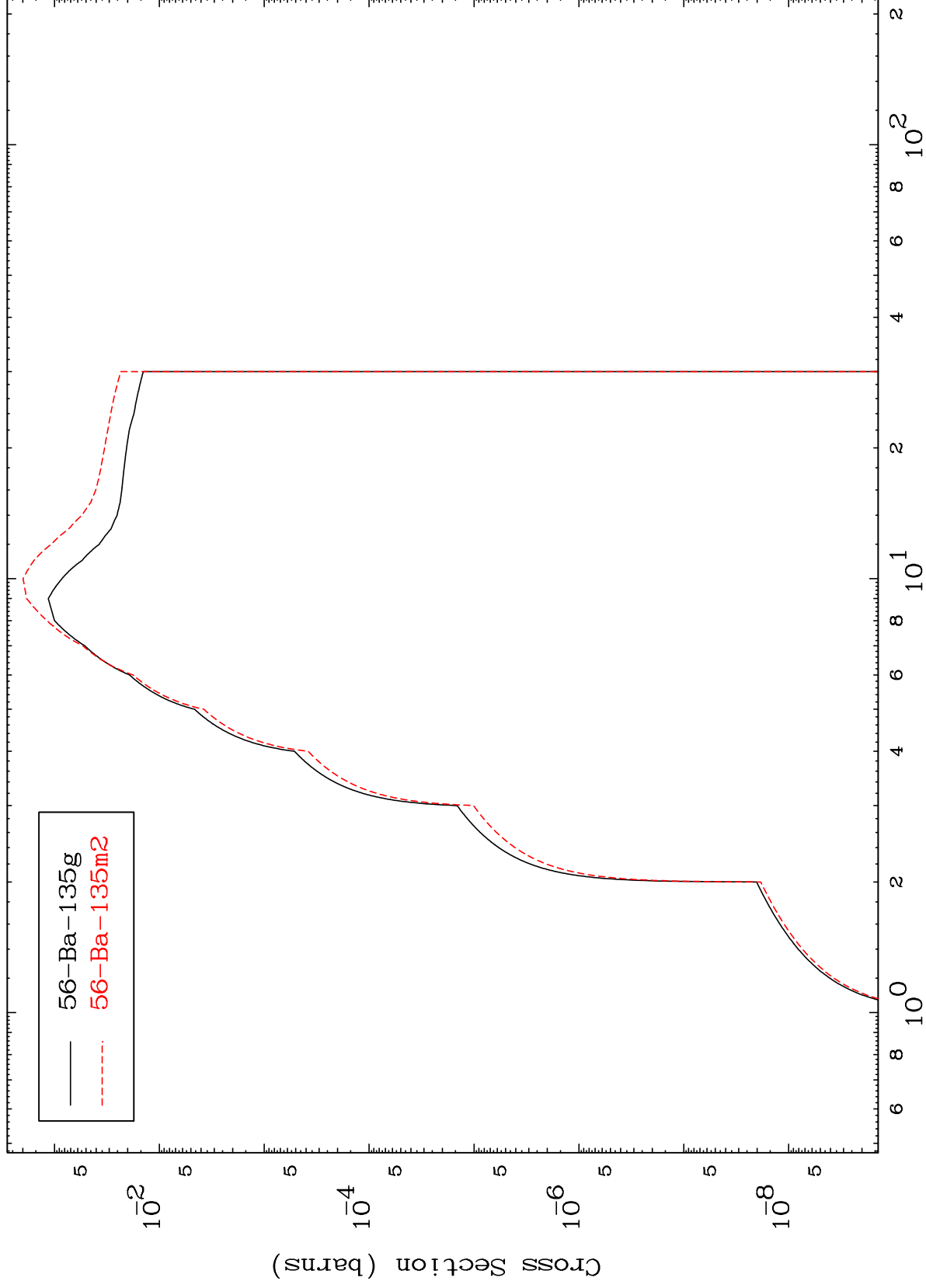




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55-Cs-135

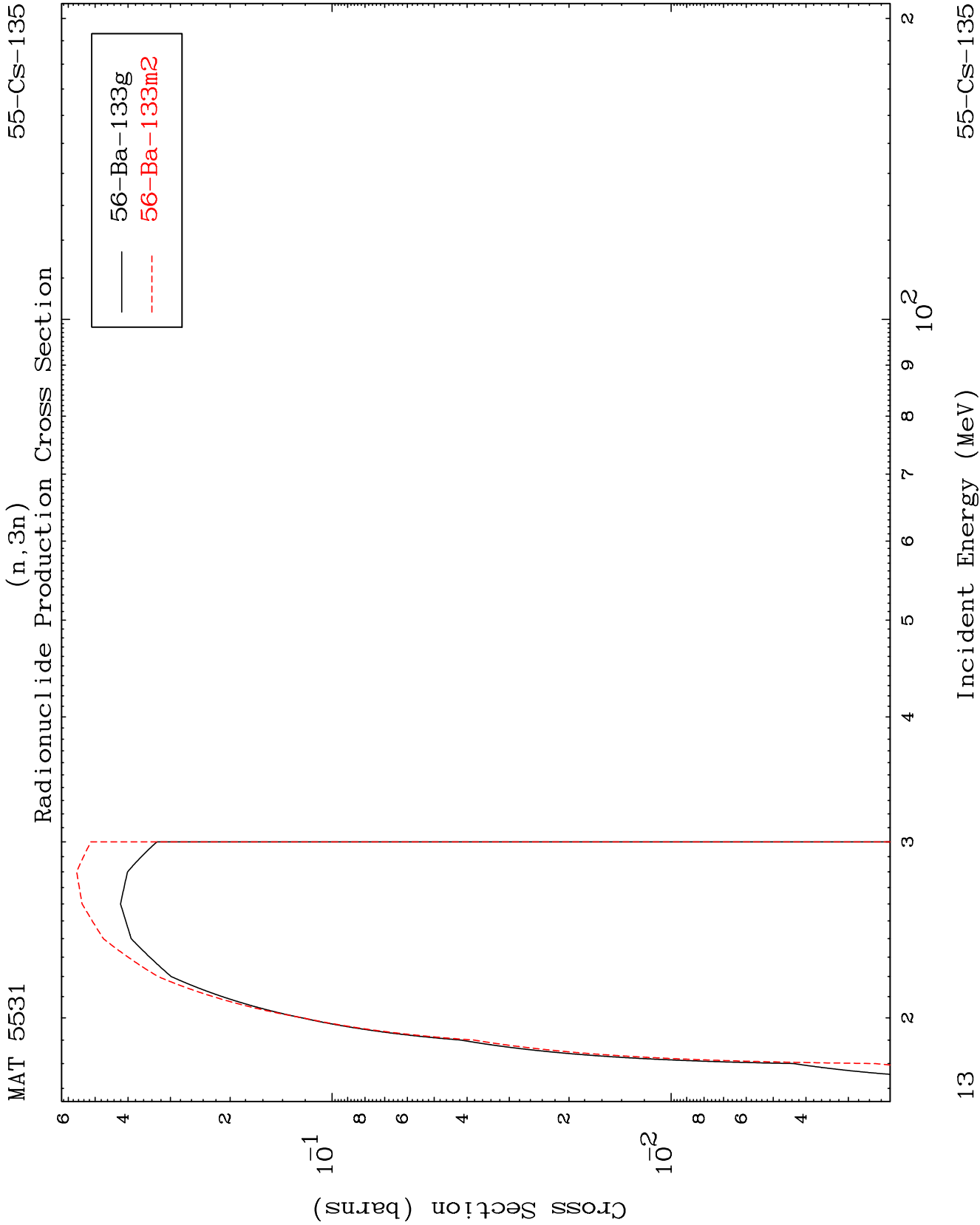
Inelastic
Radionuclide Production Cross Section



55-Cs-135

Incident Energy (MeV)

12

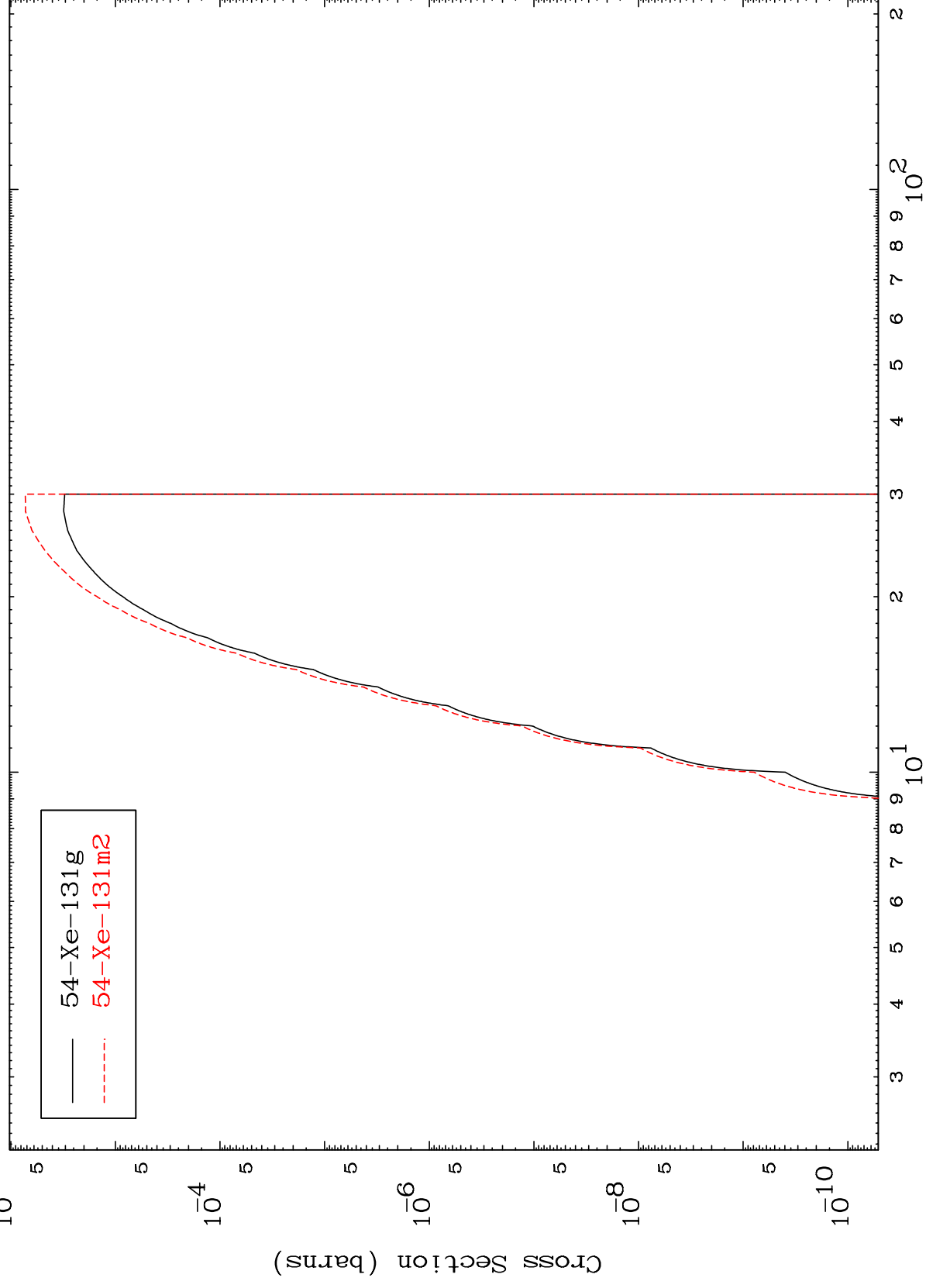


MAT 5531

55-CS-135

$$(n, n') \propto$$

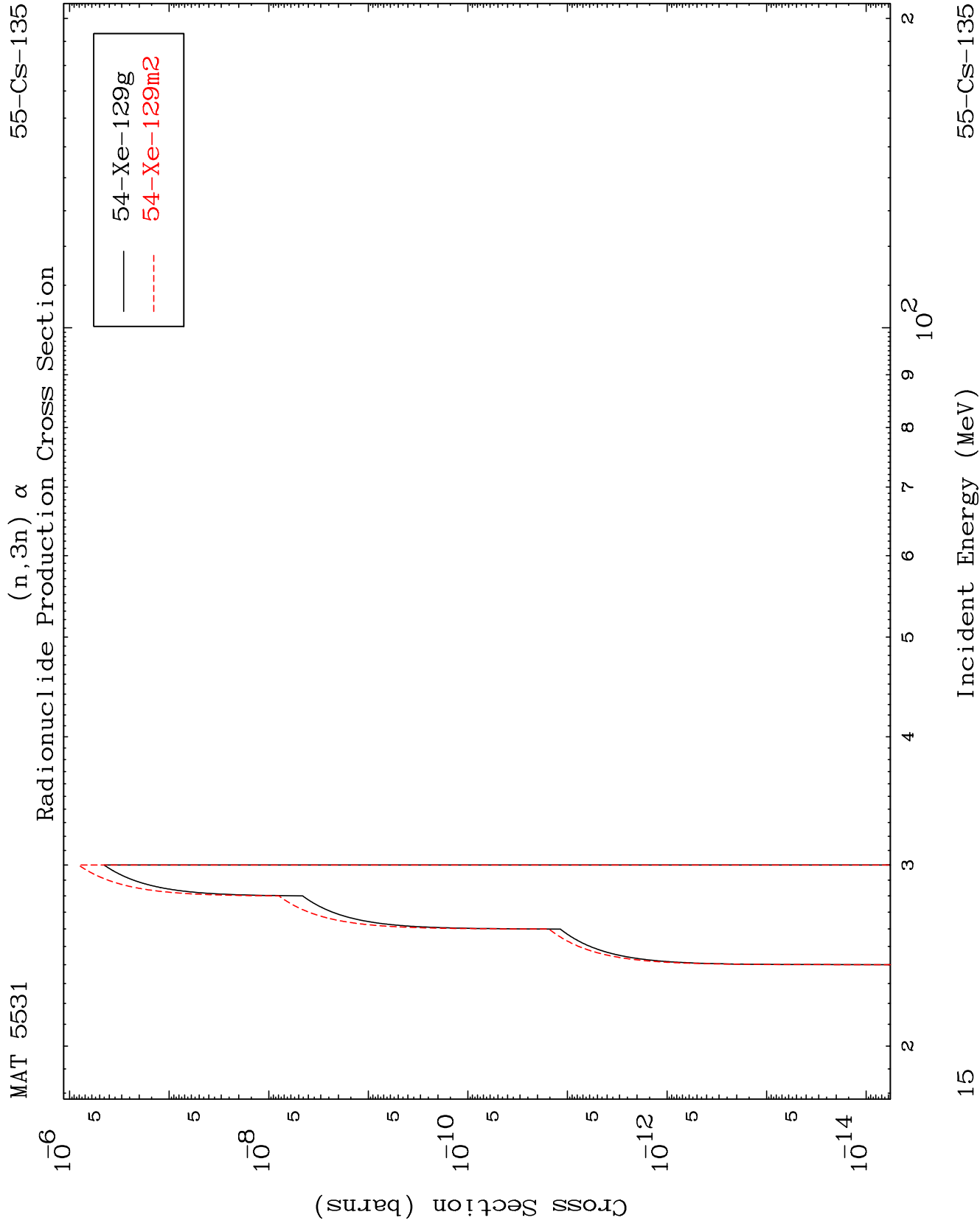
Radionuclide Production Cross Section

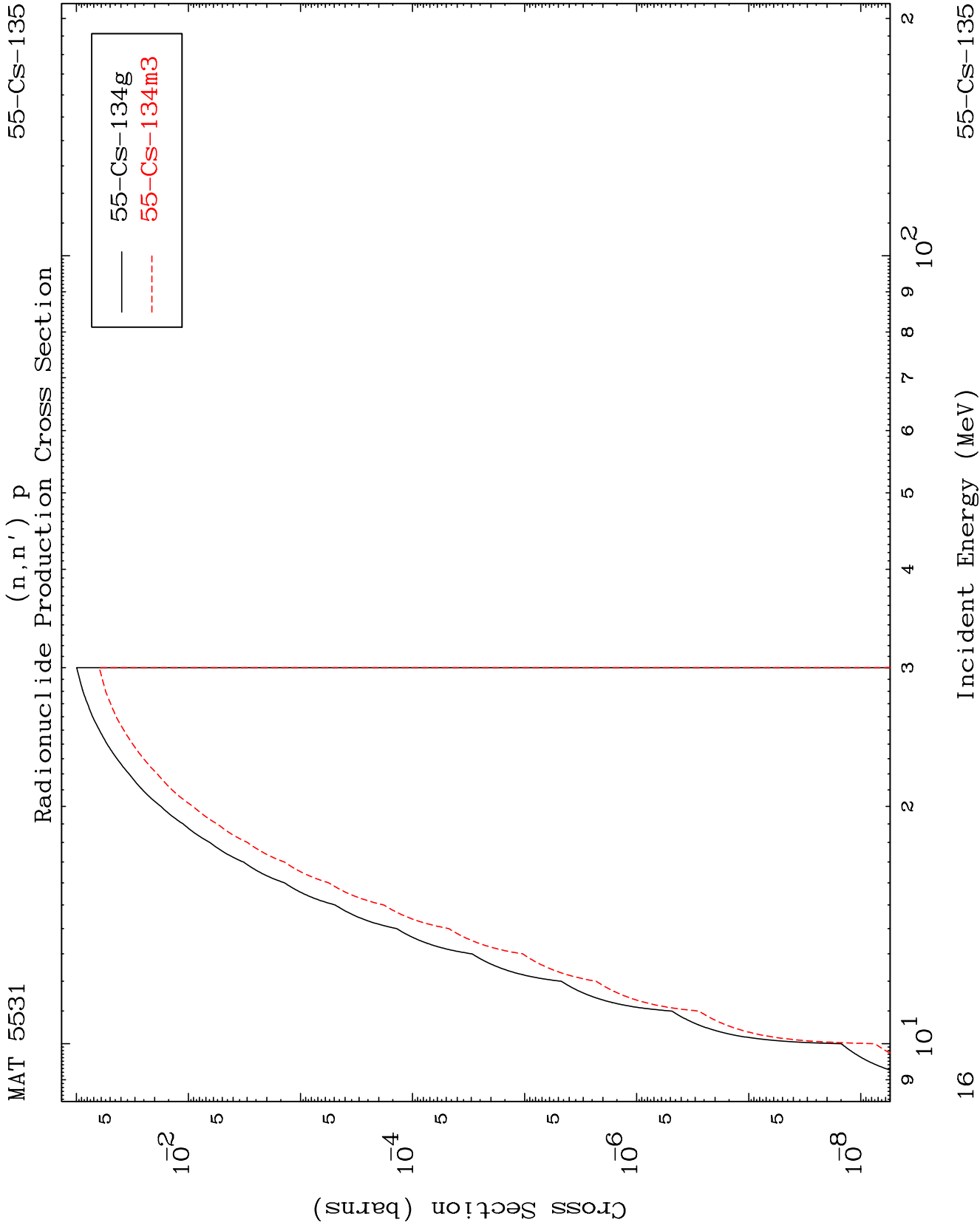


14

Incident Energy (MeV)

55-CS-135

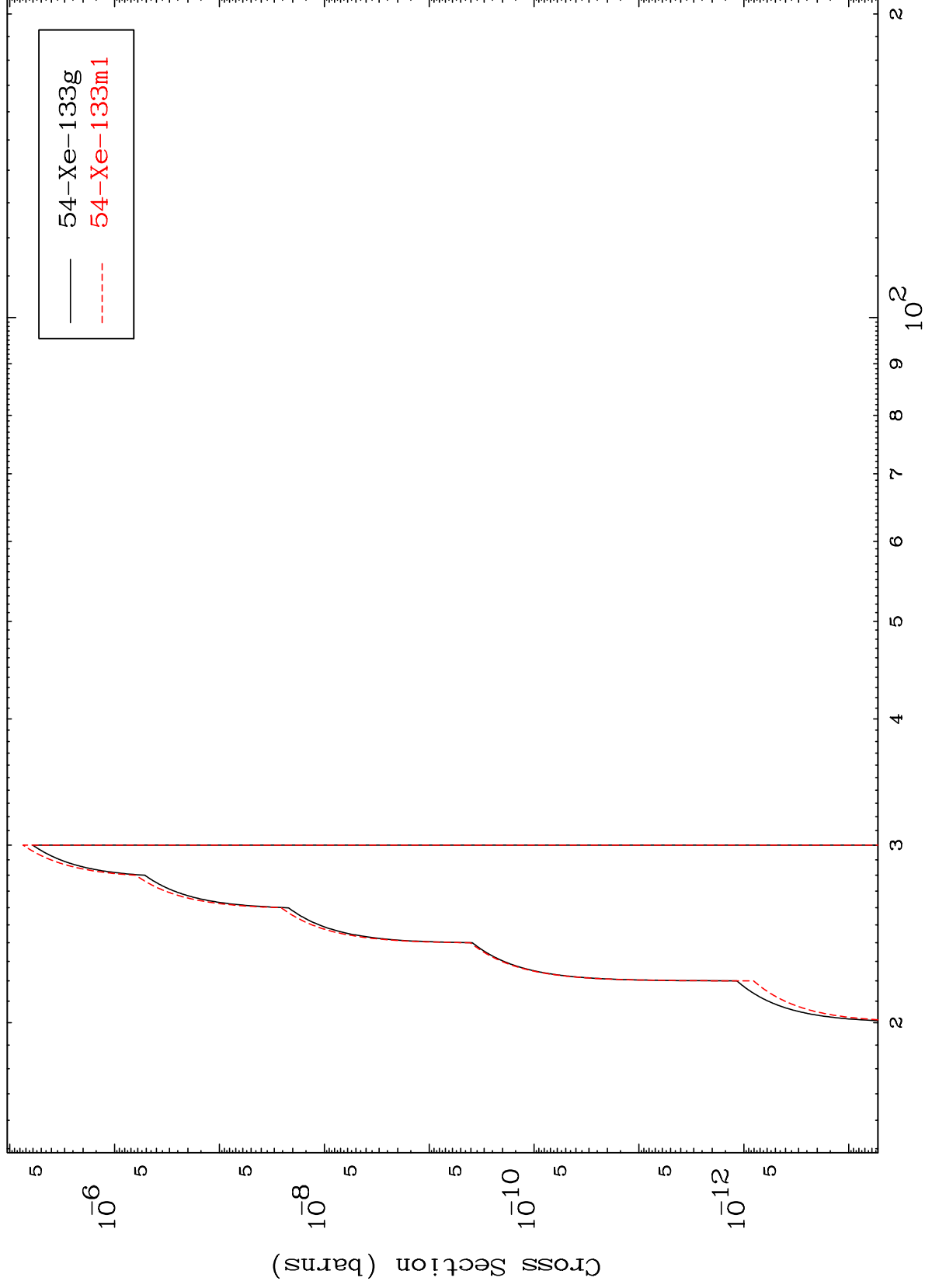




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55-Cs-135

$(n,2n)$ p
Radionuclide Production Cross Section



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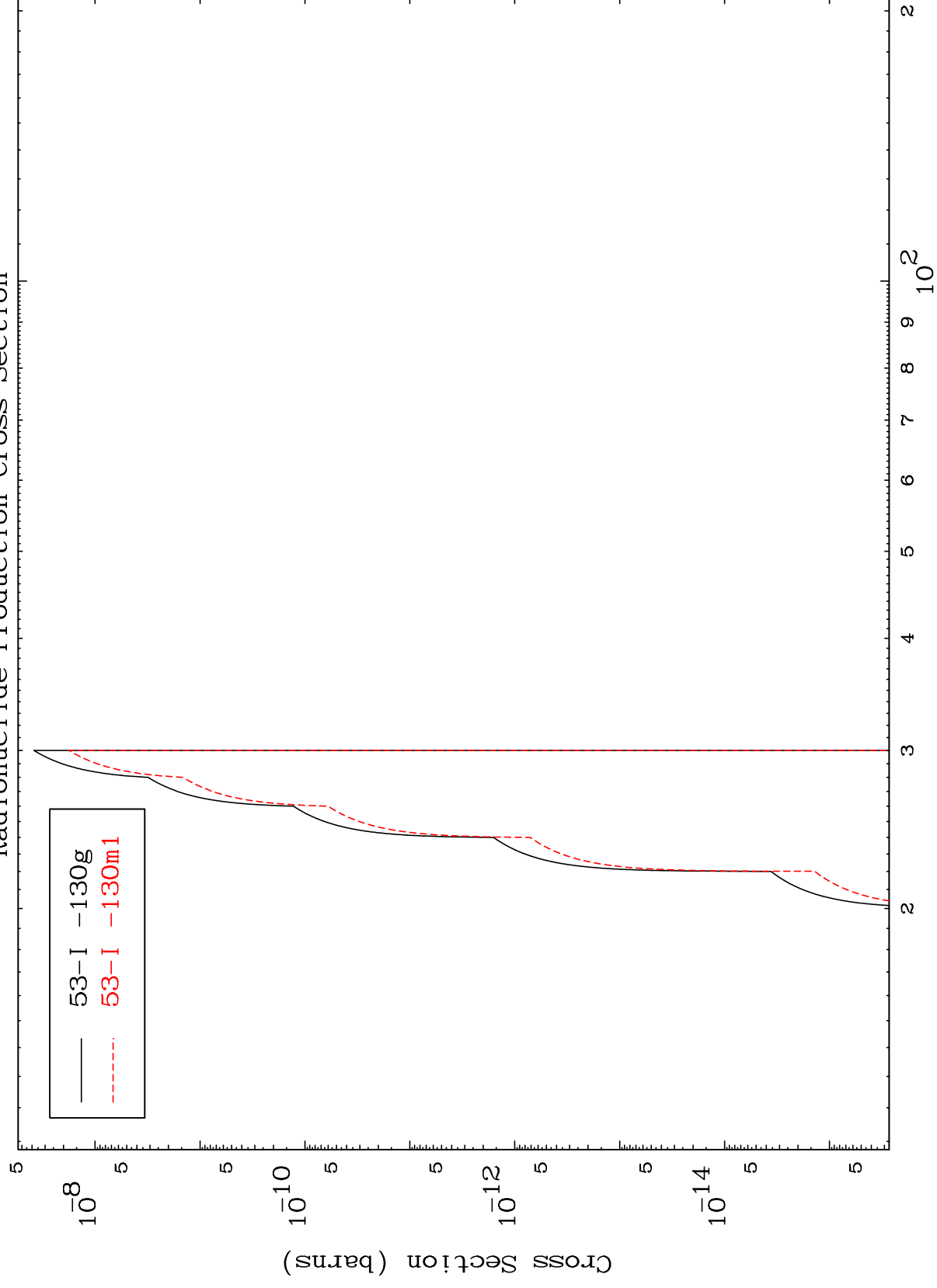
Incident Energy (MeV)

55-Cs-135

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55-Cs-135

(n,n') p α
Radionuclide Production Cross Section



18

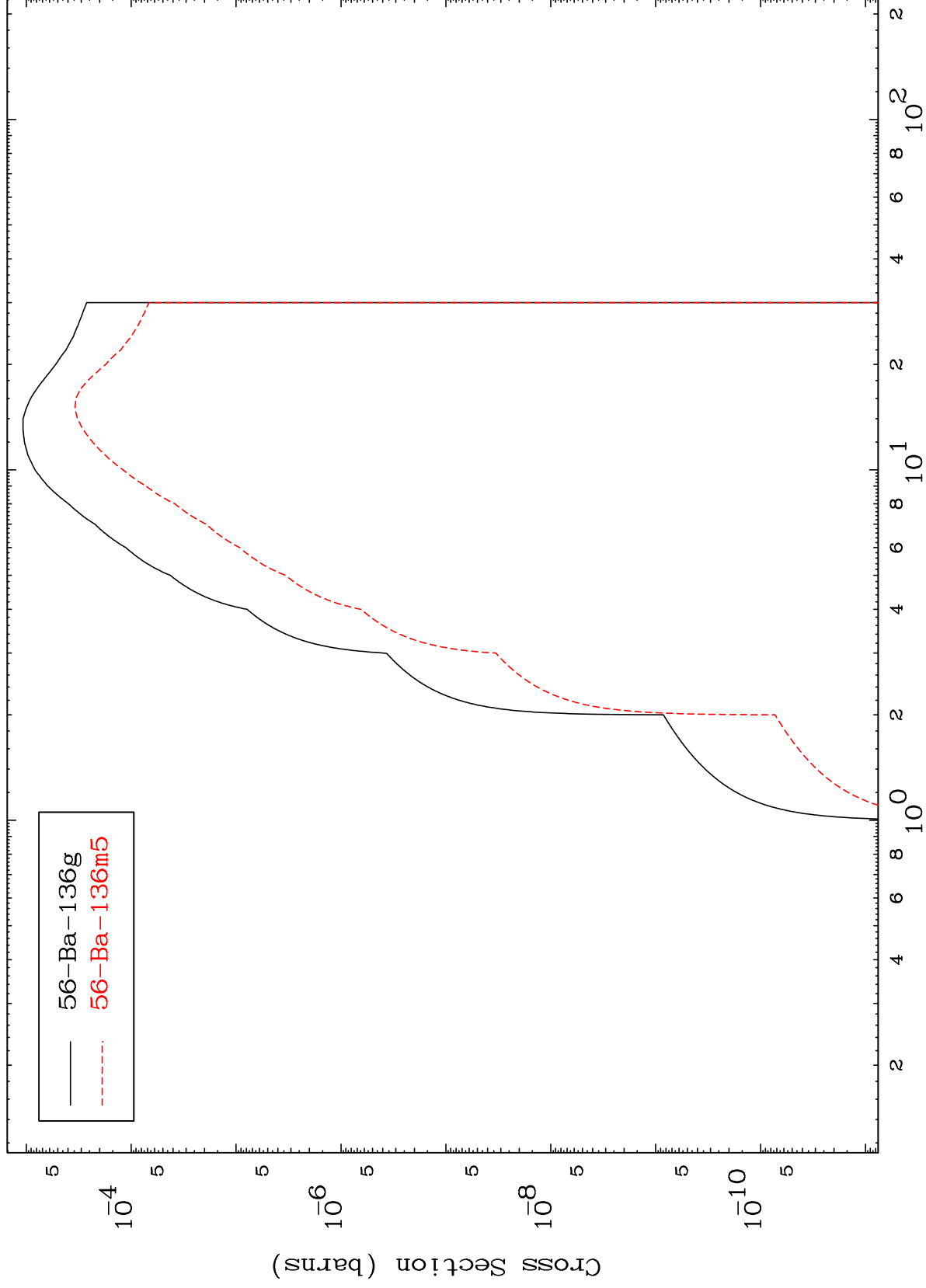
Incident Energy (MeV)

55-Cs-135

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55-Cs-135

Radionuclide Production Cross Section
(n, γ)



19

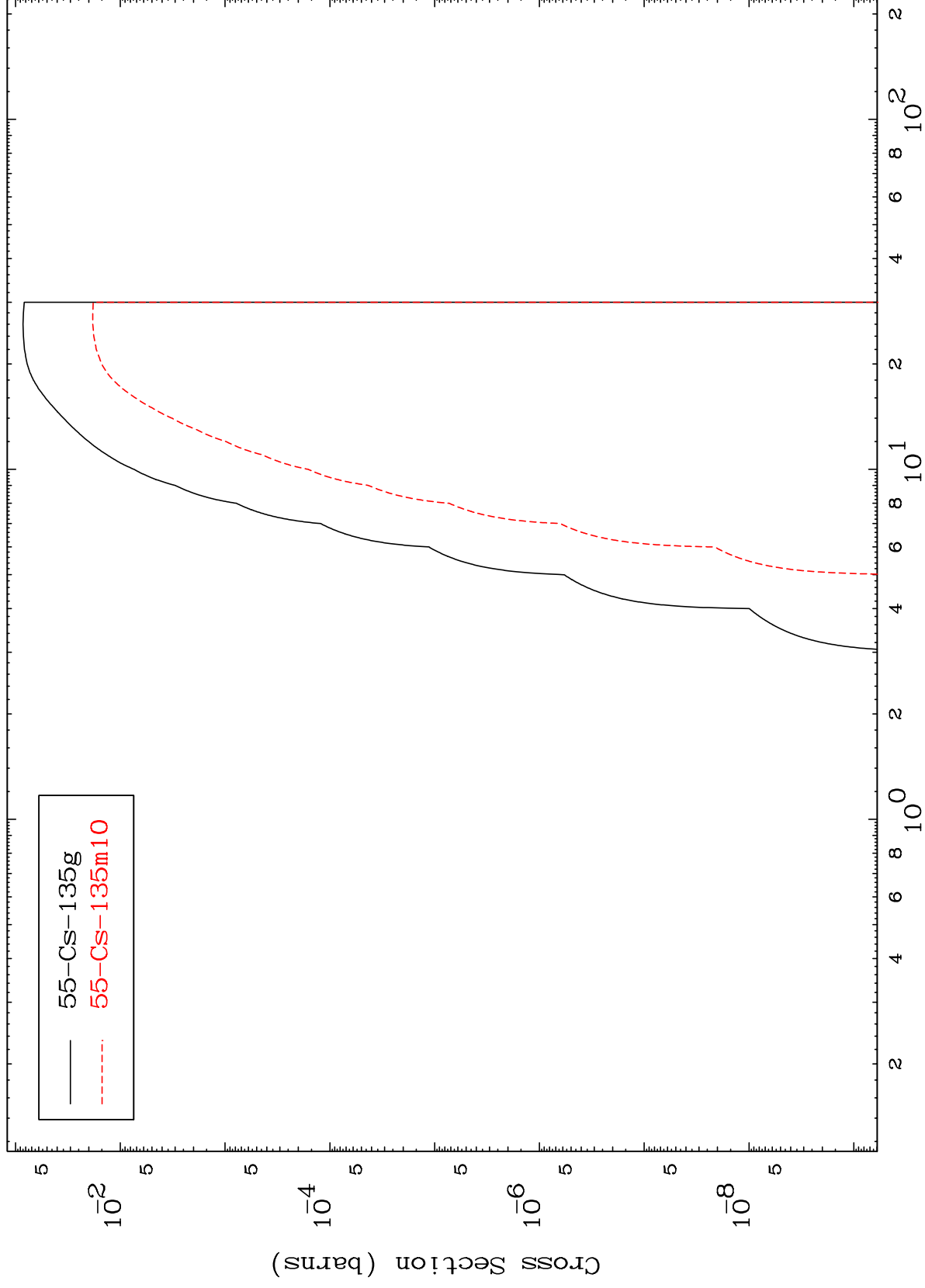
Incident Energy (MeV)

55-Cs-135

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55-Cs-135

Radionuclide Production Cross Section
(n,p)



20

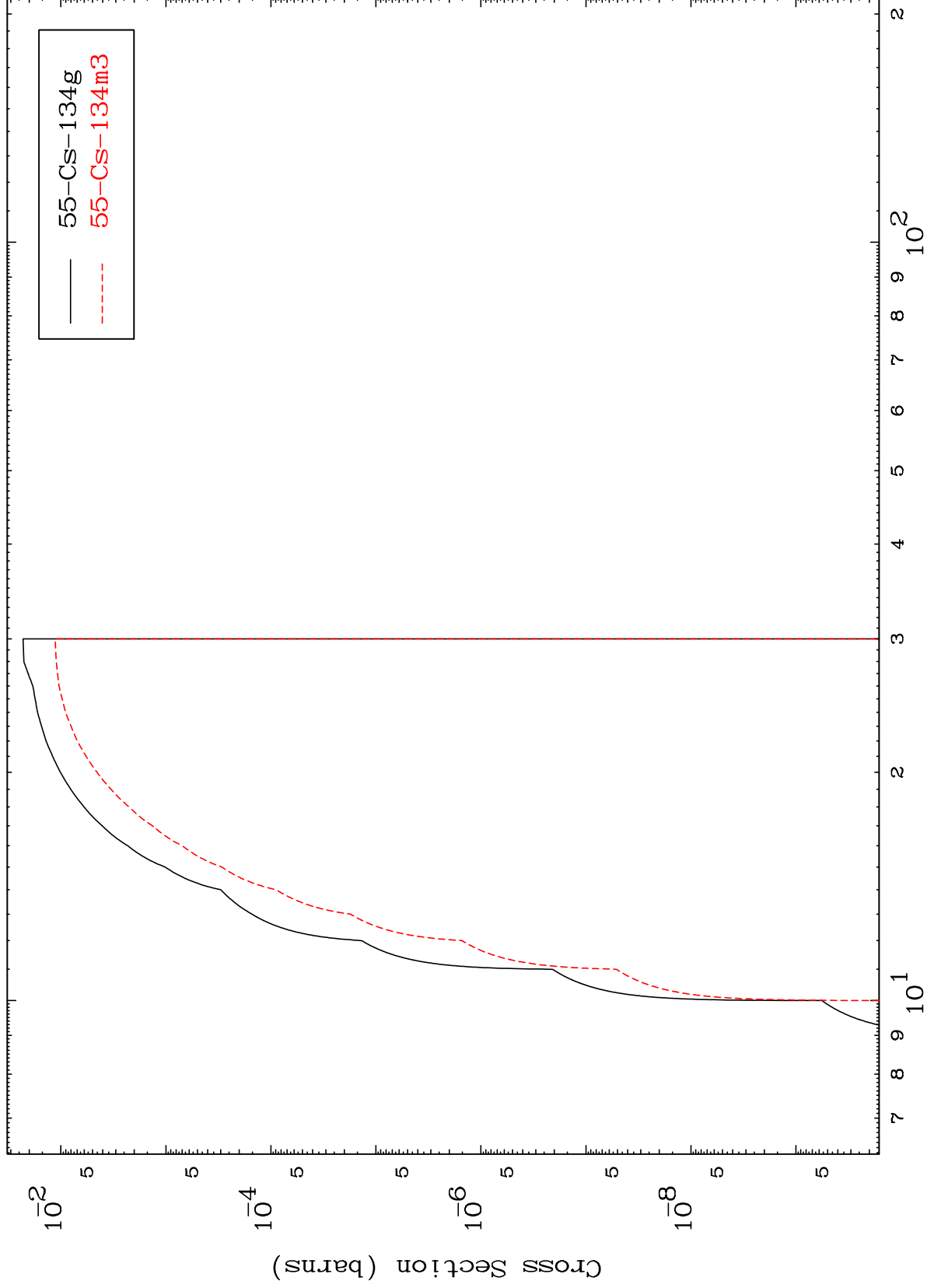
Incident Energy (MeV)

55-Cs-135

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55-Cs-135

(n,d)
Radionuclide Production Cross Section



21

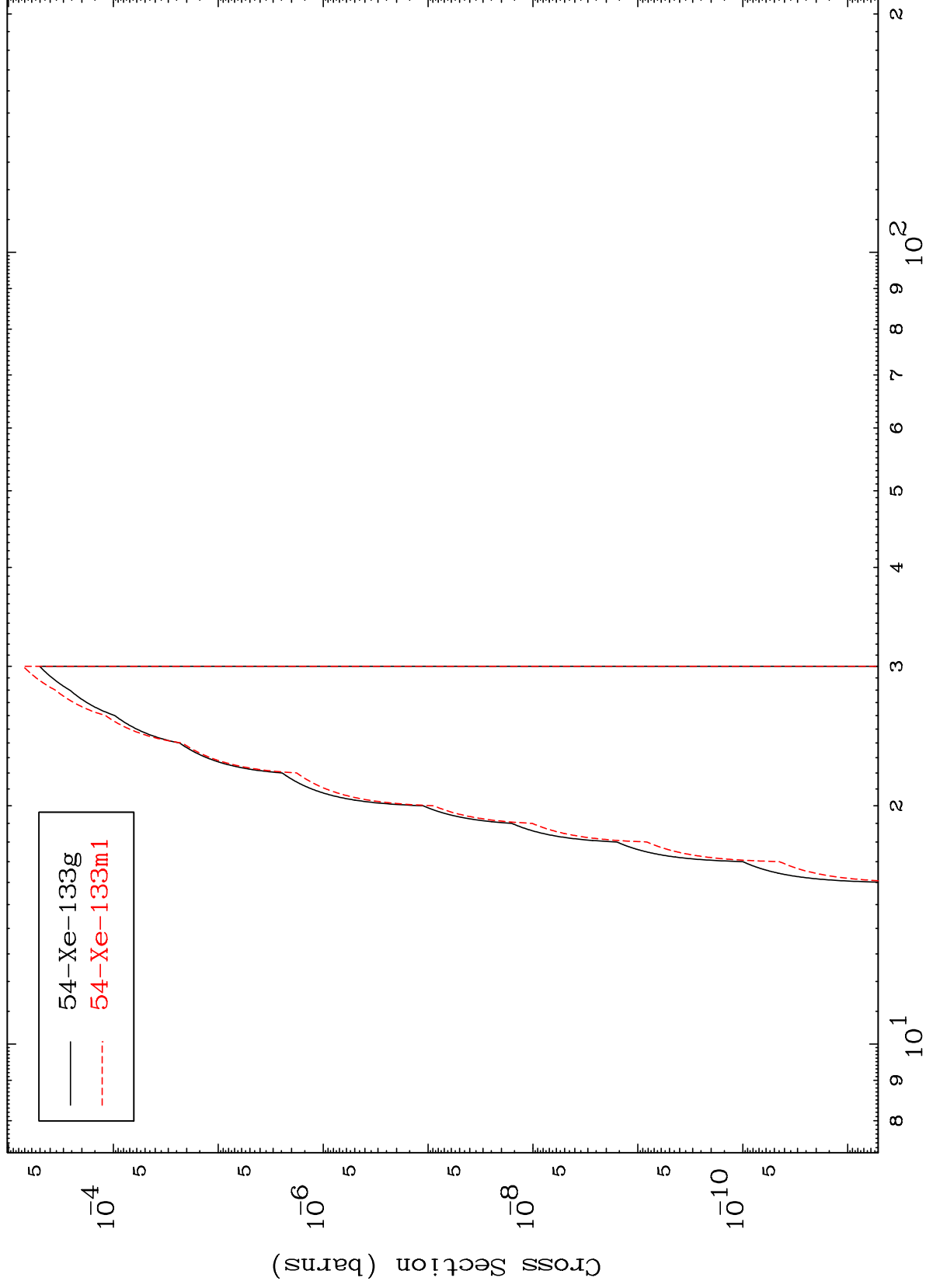
Incident Energy (MeV)

55-Cs-135

MAT 5531

55-Cs-135

Radionuclide Production Cross Section
(n,He-3)



22

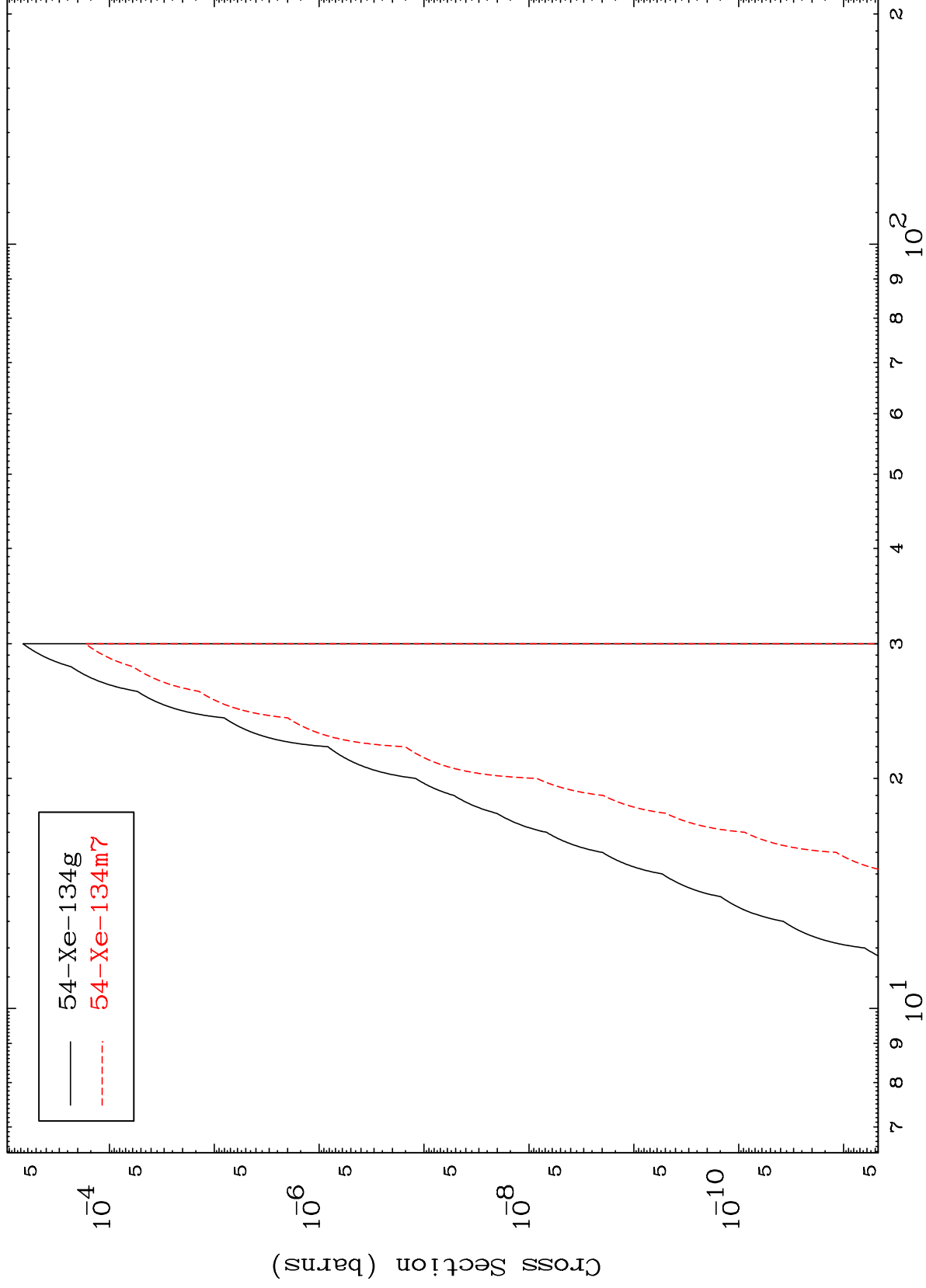
Incident Energy (MeV)

55-Cs-135

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55-Cs-135

(n,2p)
Radionuclide Production Cross Section



23

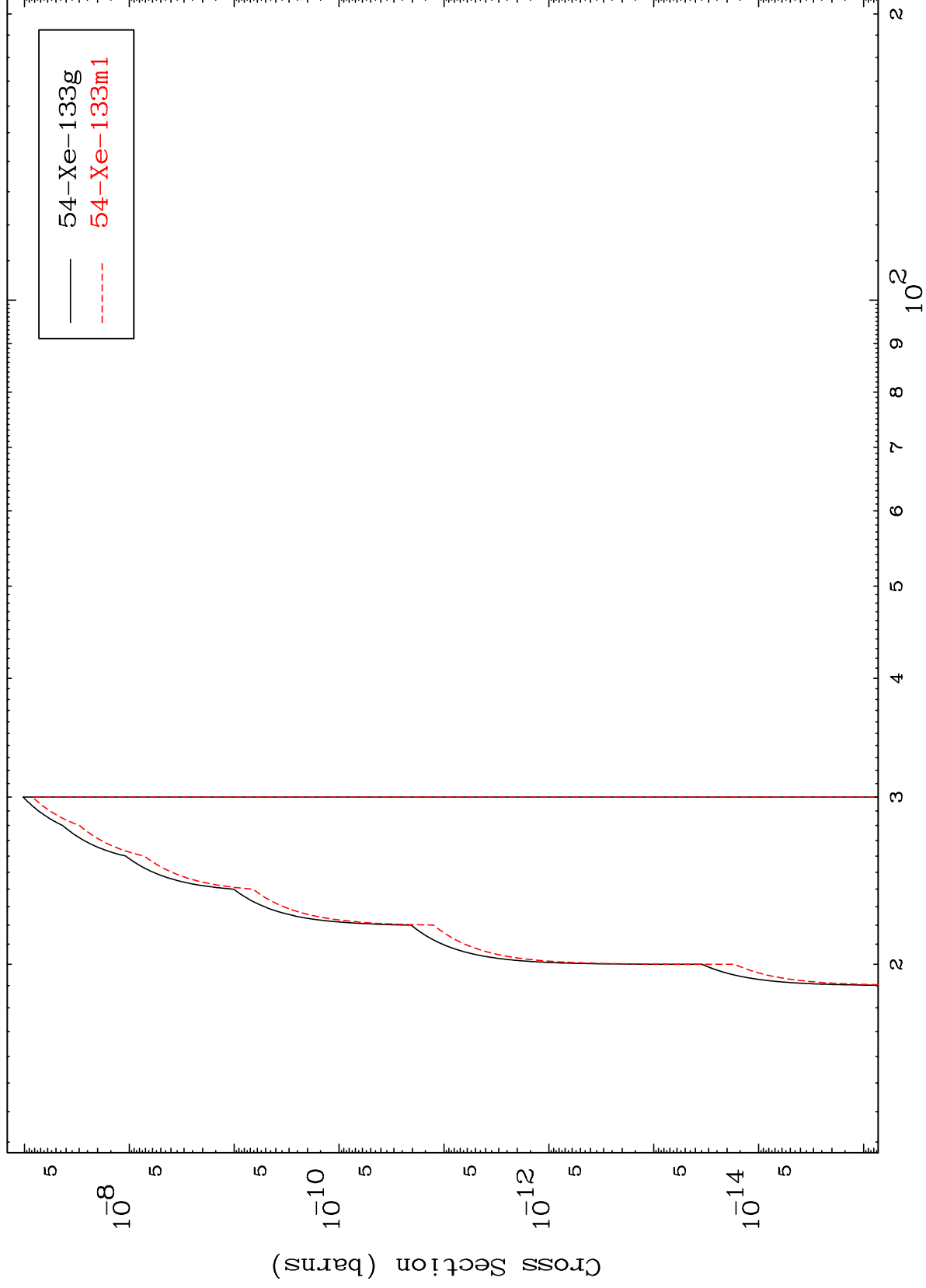
Incident Energy (MeV)

55-Cs-135

MAT 5531

55-Cs-135

(n,p) d
Radionuclide Production Cross Section



24

Incident Energy (MeV)

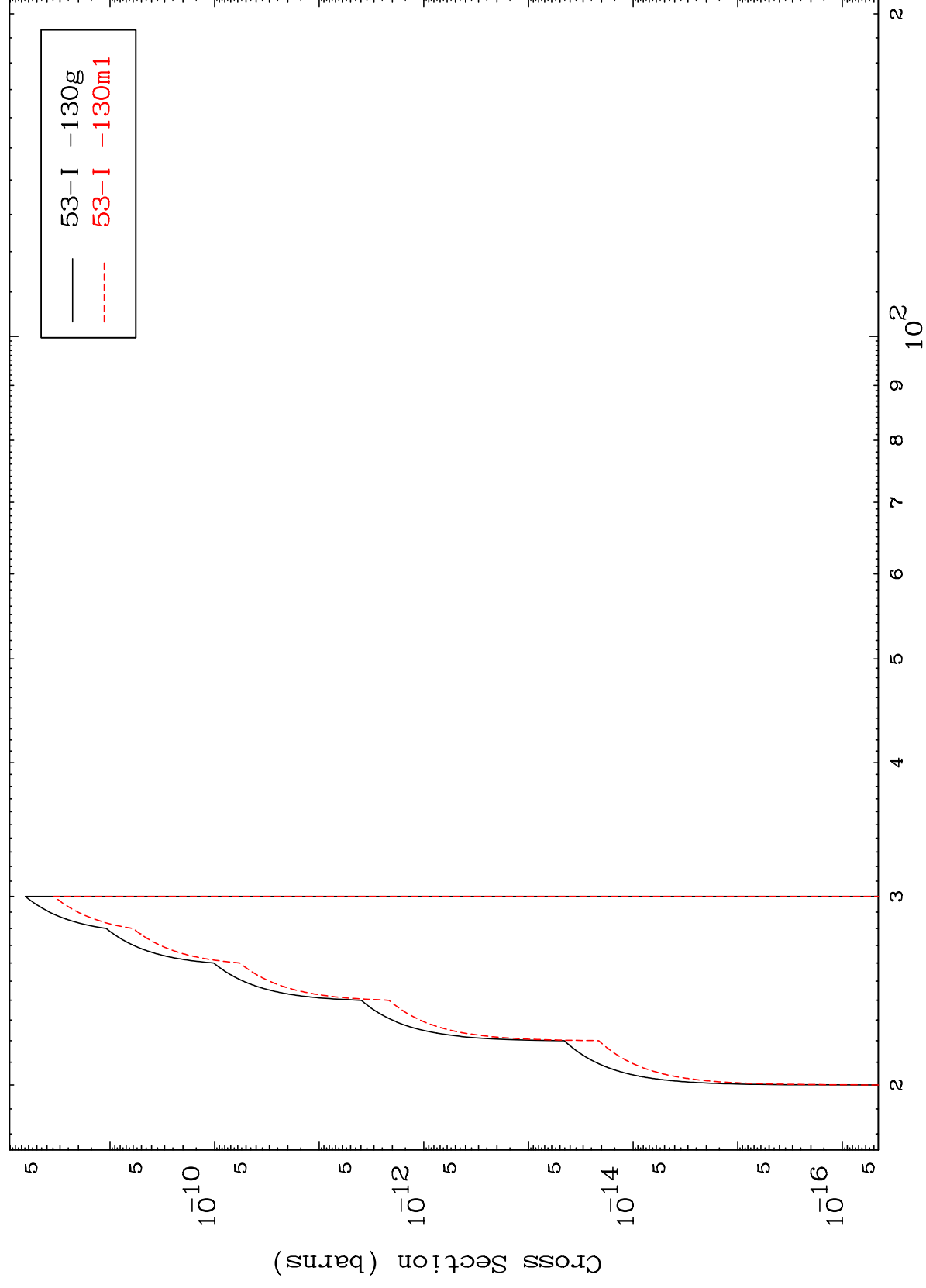
55-Cs-135

MAT 5531

55-CS-135

$$(n, d) \propto$$

Radionuclide Production Cross Section



25

Incident Energy (MeV)

55-CS-135