

Program EVALPLOT
(Version 2018-1)

by

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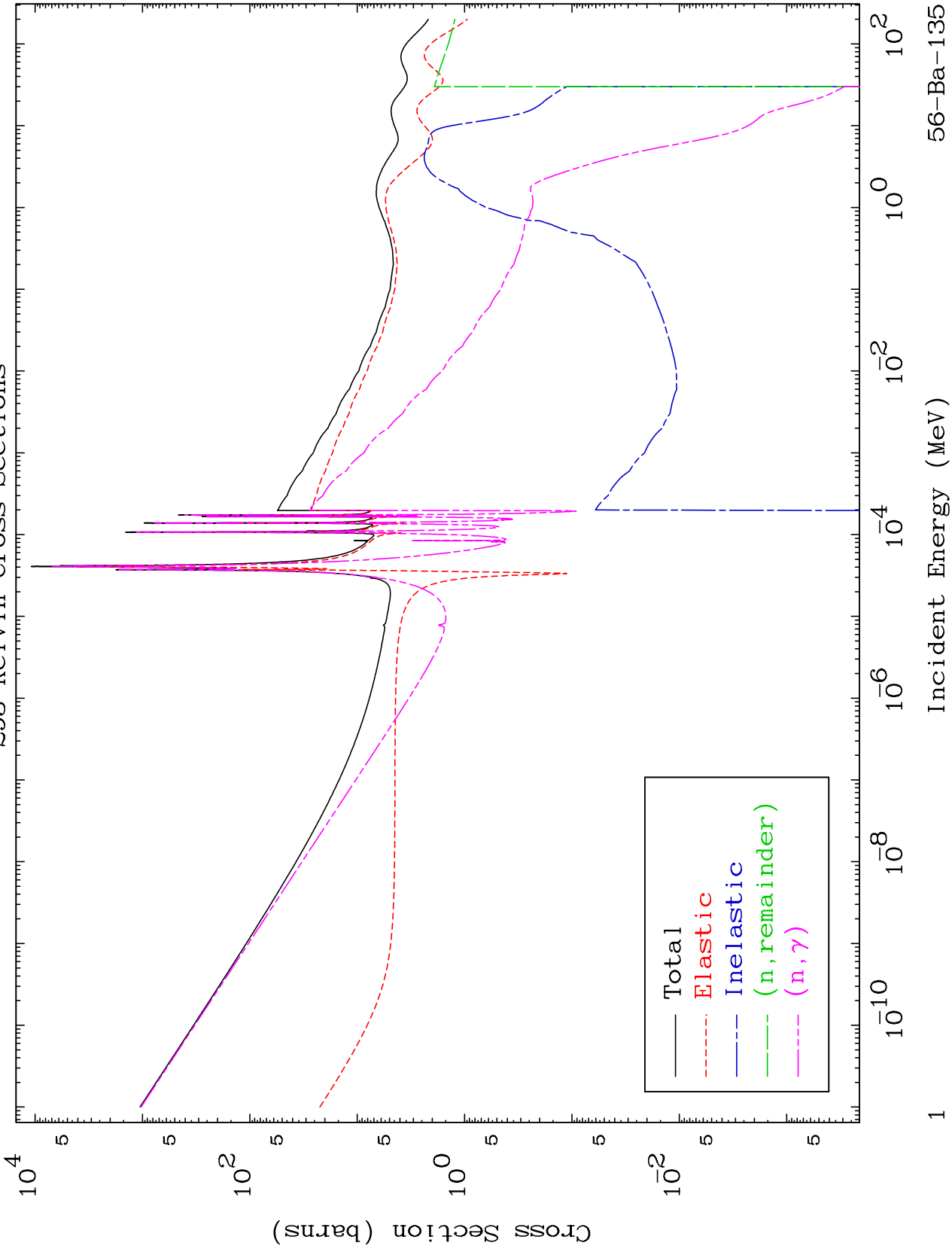
Press Mouse Button to Start

MAT 5641

Major

293 Kelvin Cross Sections

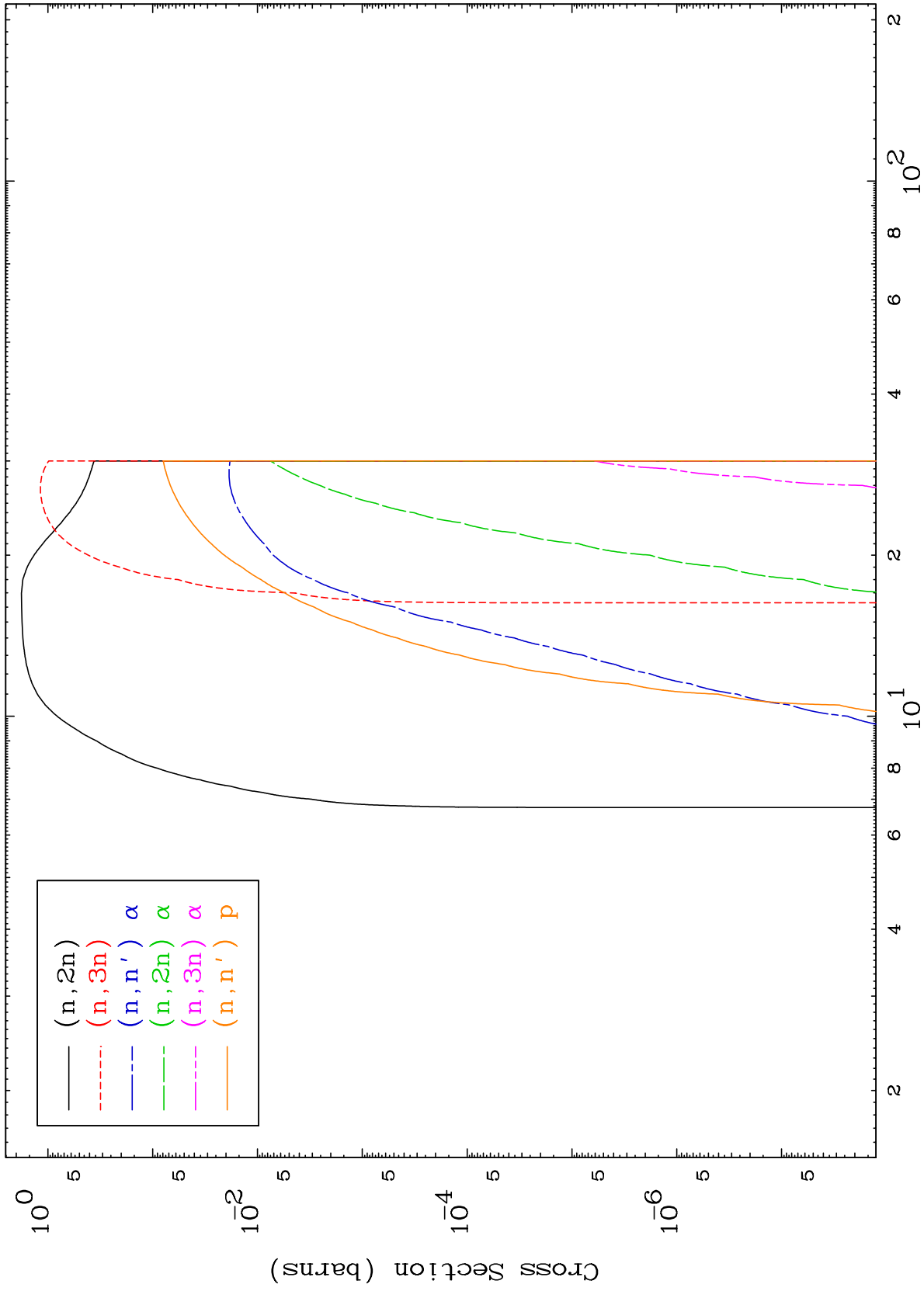
56-Ba-135



MAT 5641

Neutron Production
293 Kelvin Cross Sections

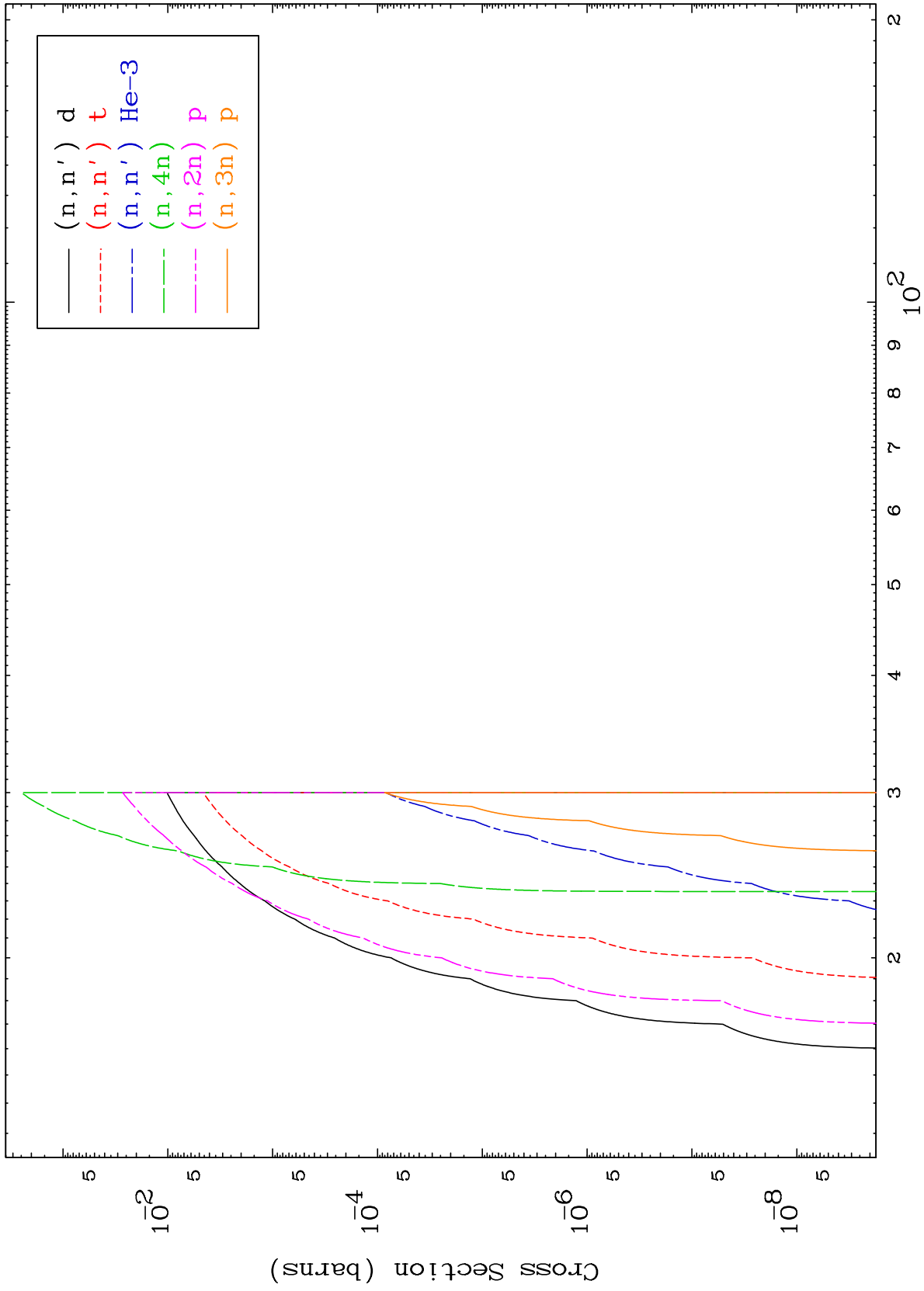
56-Ba-135

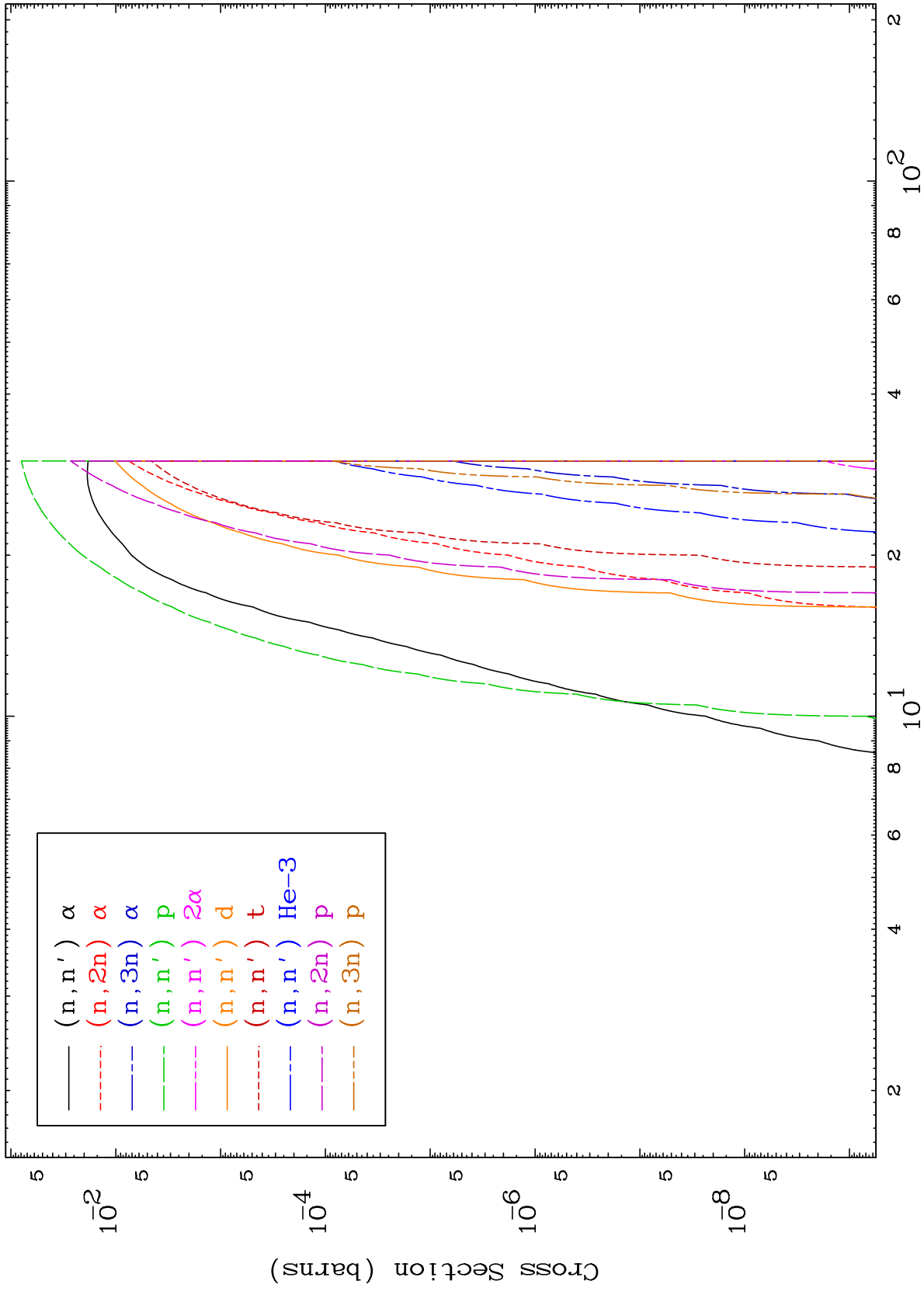


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Incident Energy (MeV)

56-Ba-135

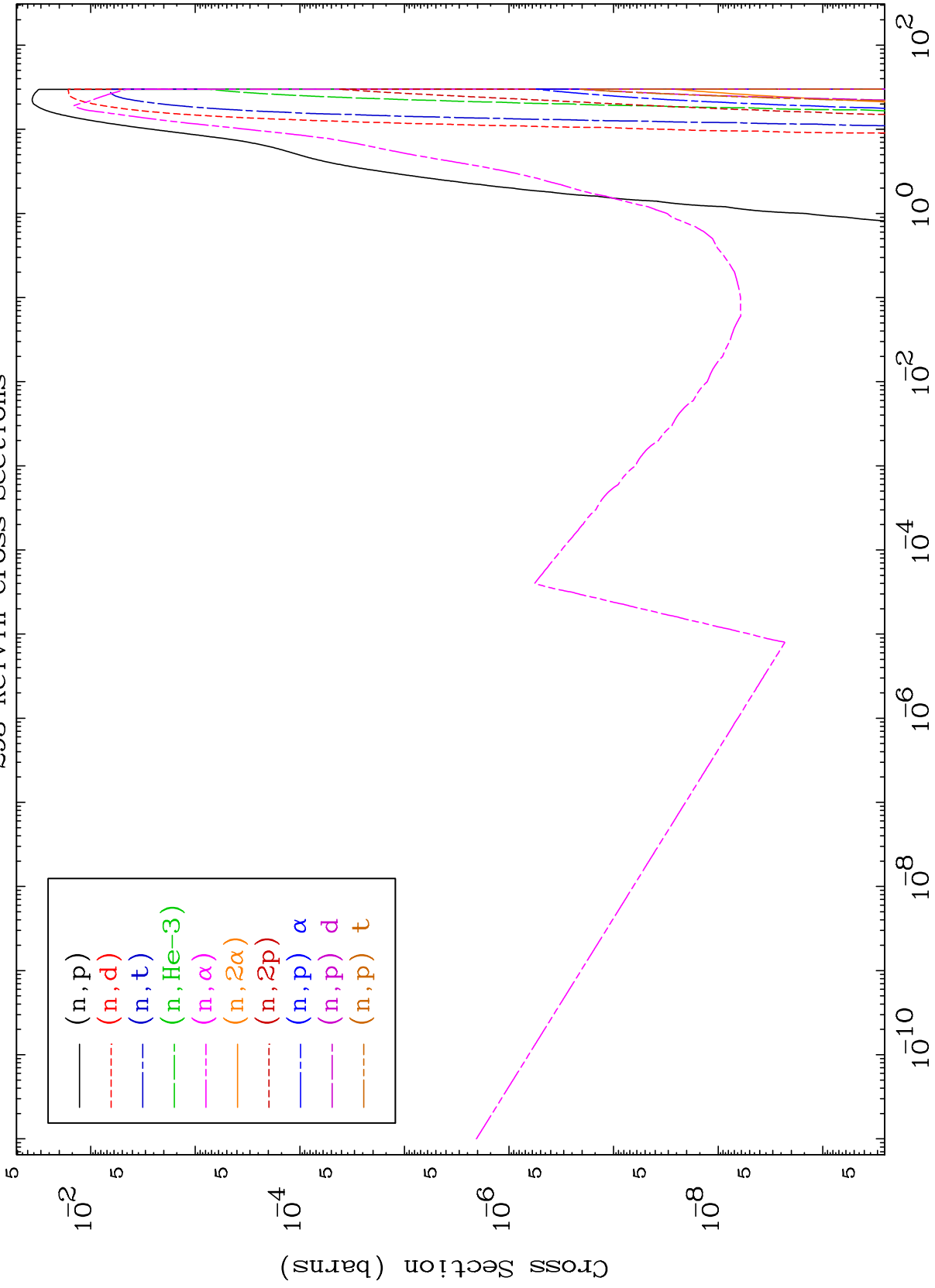




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293 Kelvin Cross Sections

56-Ba-135



5

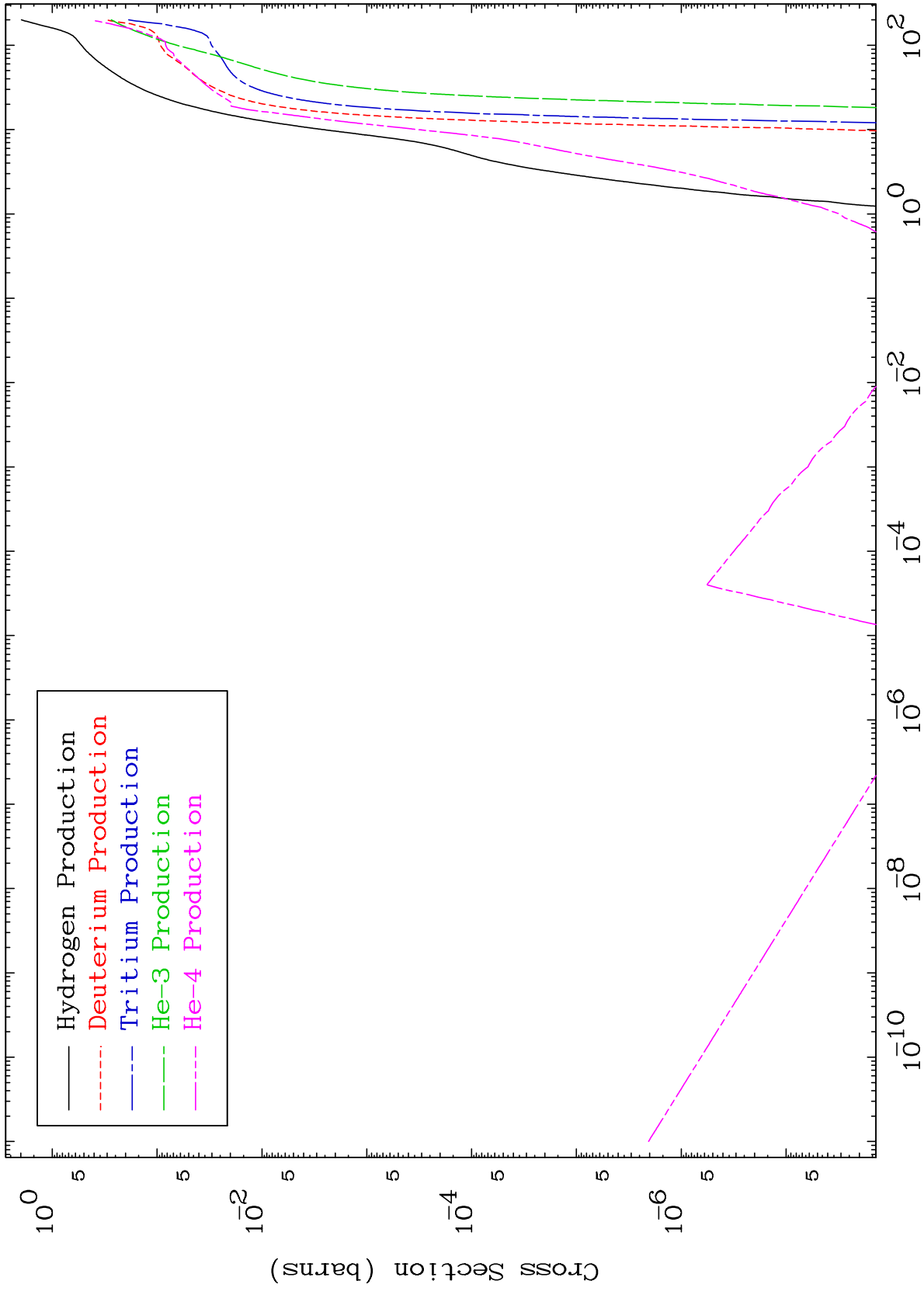
Incident Energy (MeV)

56-Ba-135

MAT 5641

Particle Production
293 Kelvin Cross Sections

56-Ba-135



6

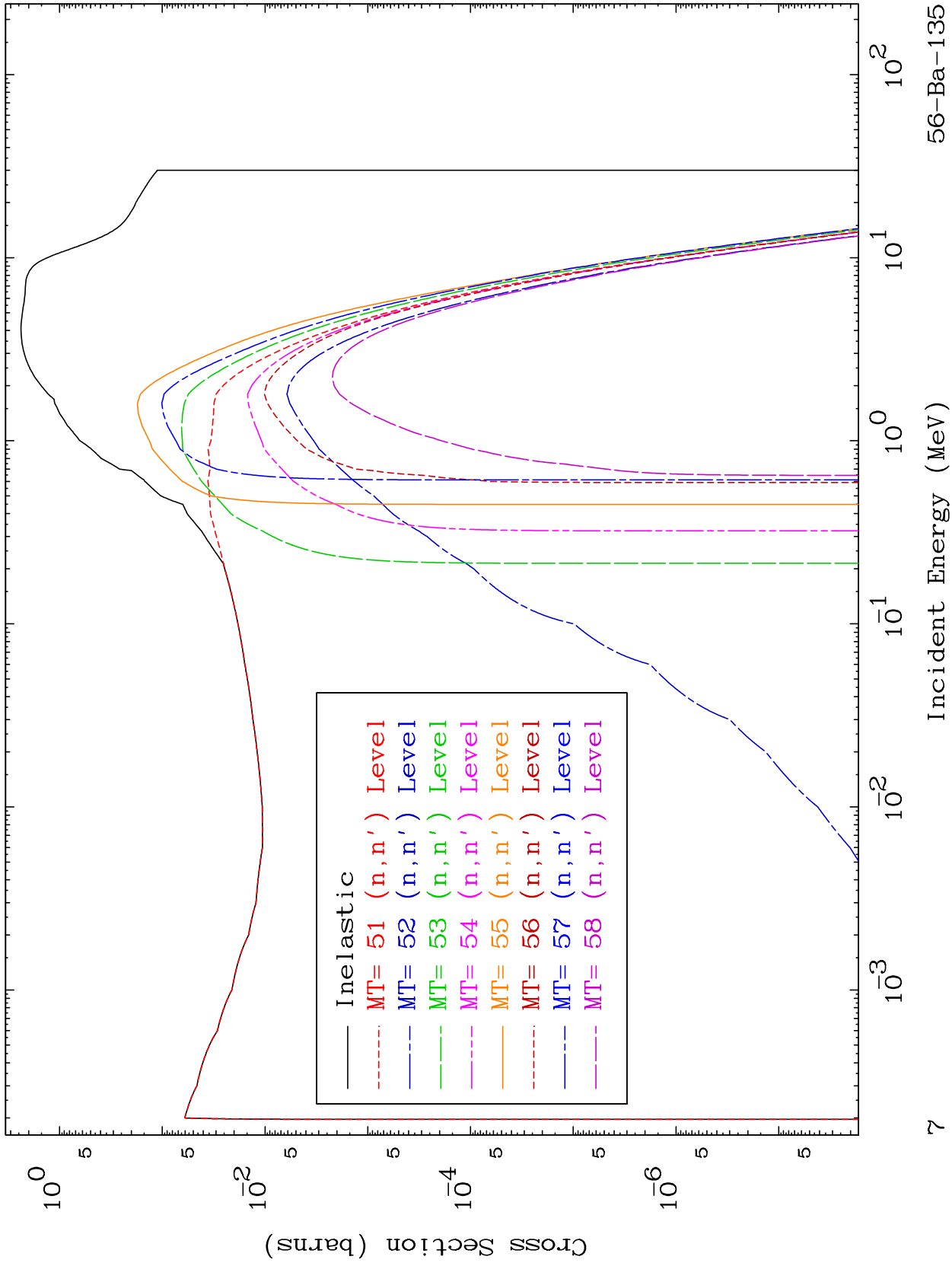
Incident Energy (MeV)

56-Ba-135

MAT 5641

(n,n') Level
293 Kelvin Cross Sections

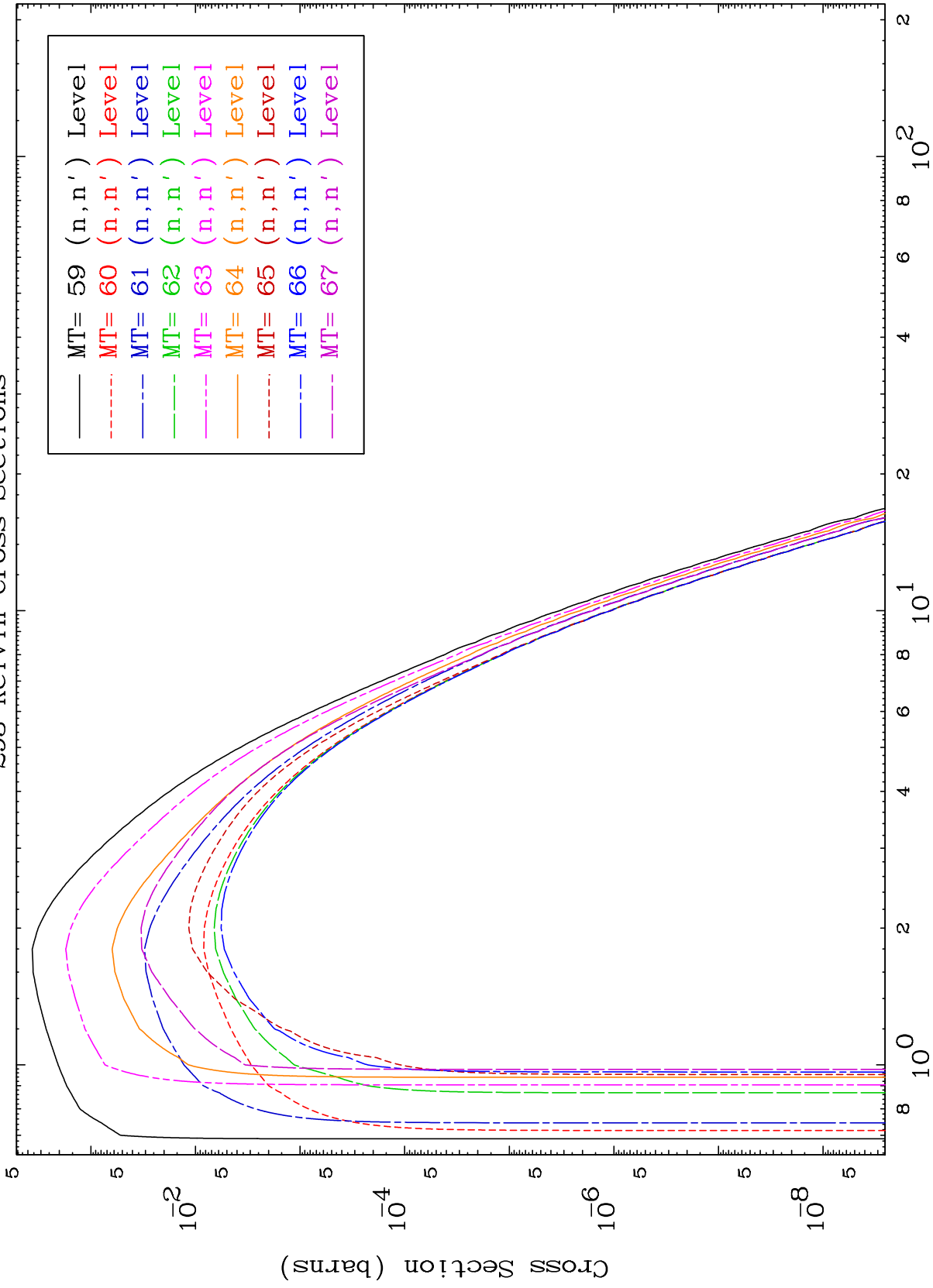
56-Ba-135



MAT 5641

(n,n') Level
293 Kelvin Cross Sections

56-Ba-135



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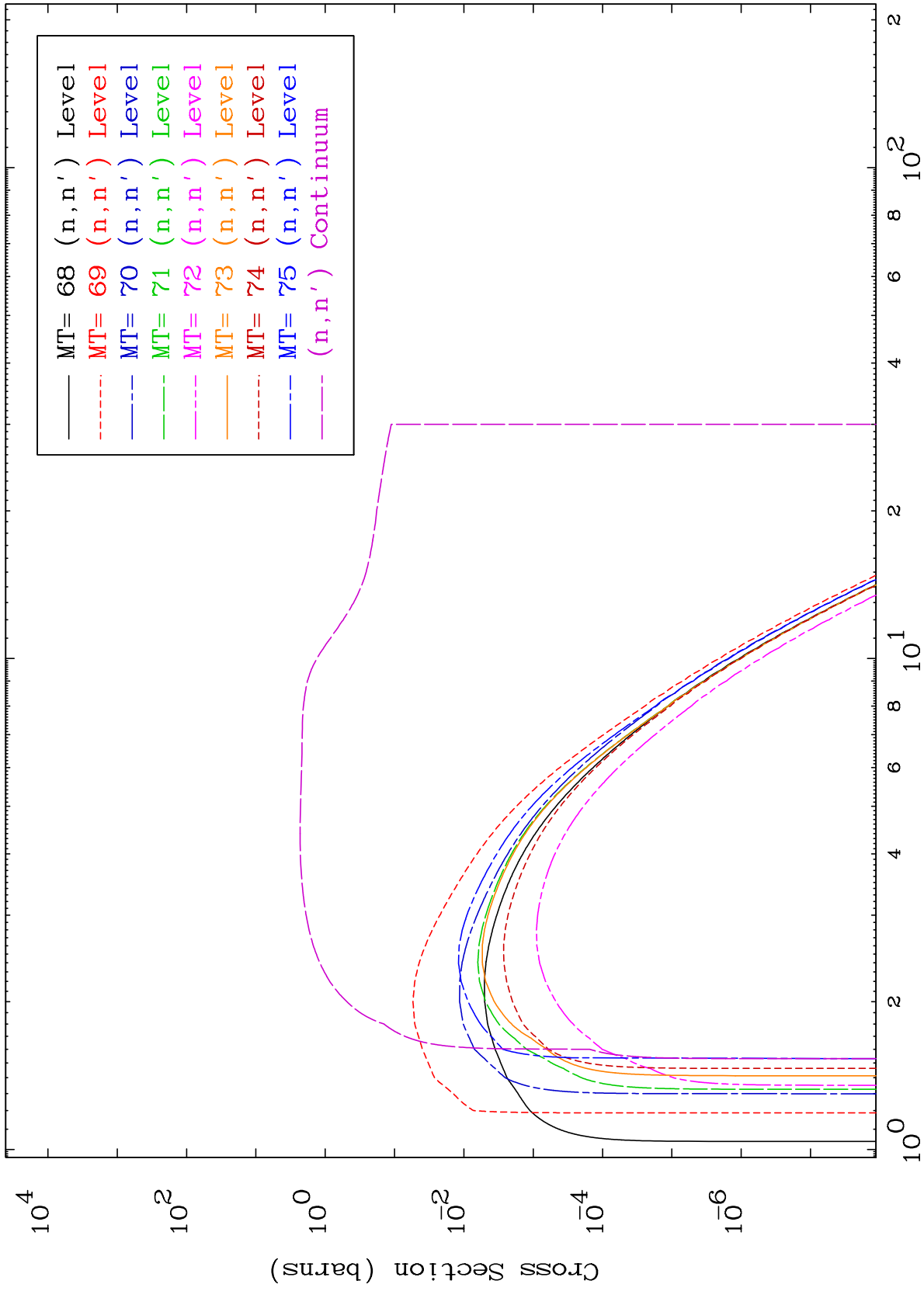
Incident Energy (MeV)

56-Ba-135

MAT 5641

(n,n') Level
293 Kelvin Cross Sections

56-Ba-135



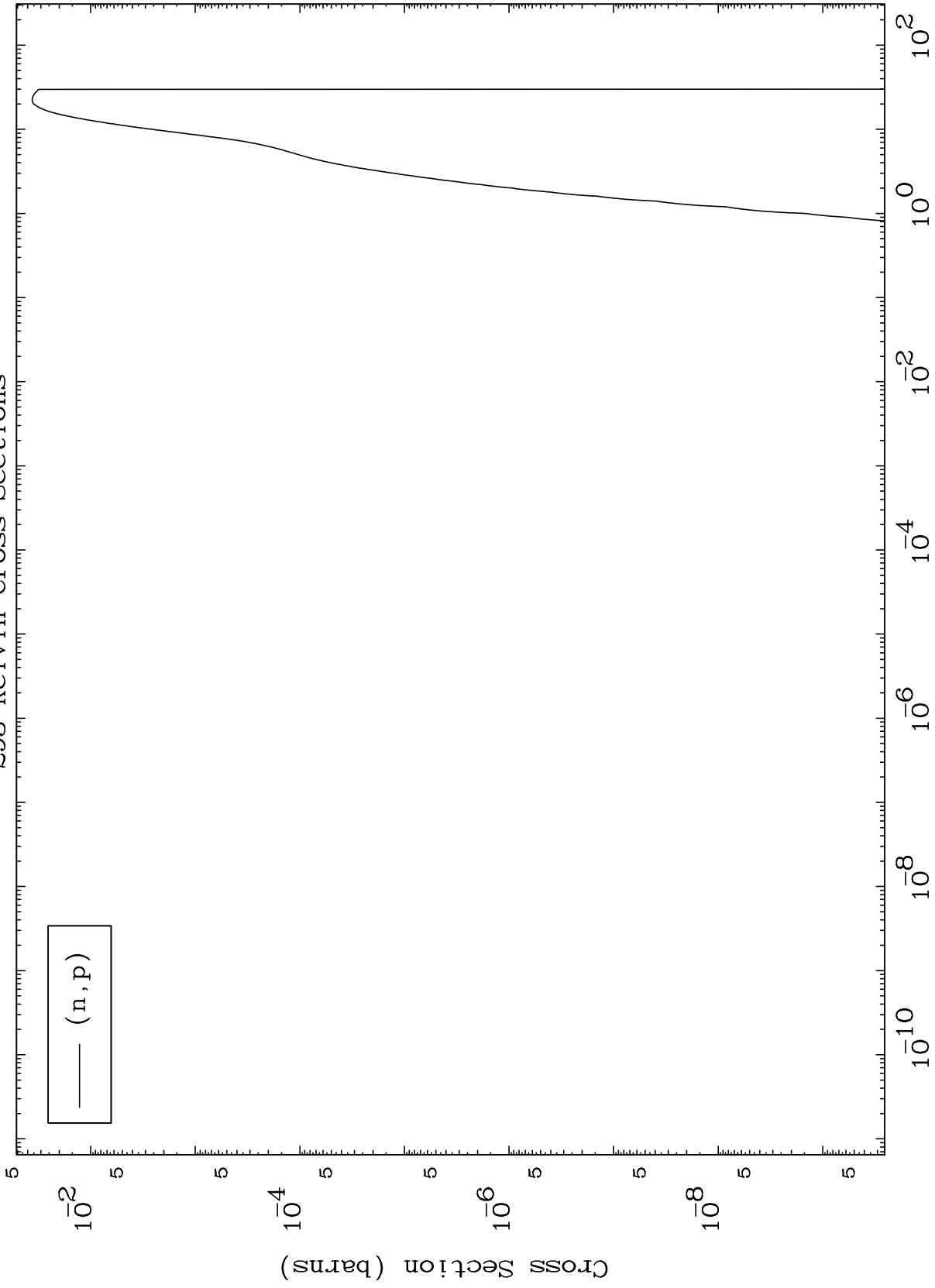
Incident Energy (MeV)

56-Ba-135

MAT 5641

(n,p) Levels
293 Kelvin Cross Sections

56-Ba-135



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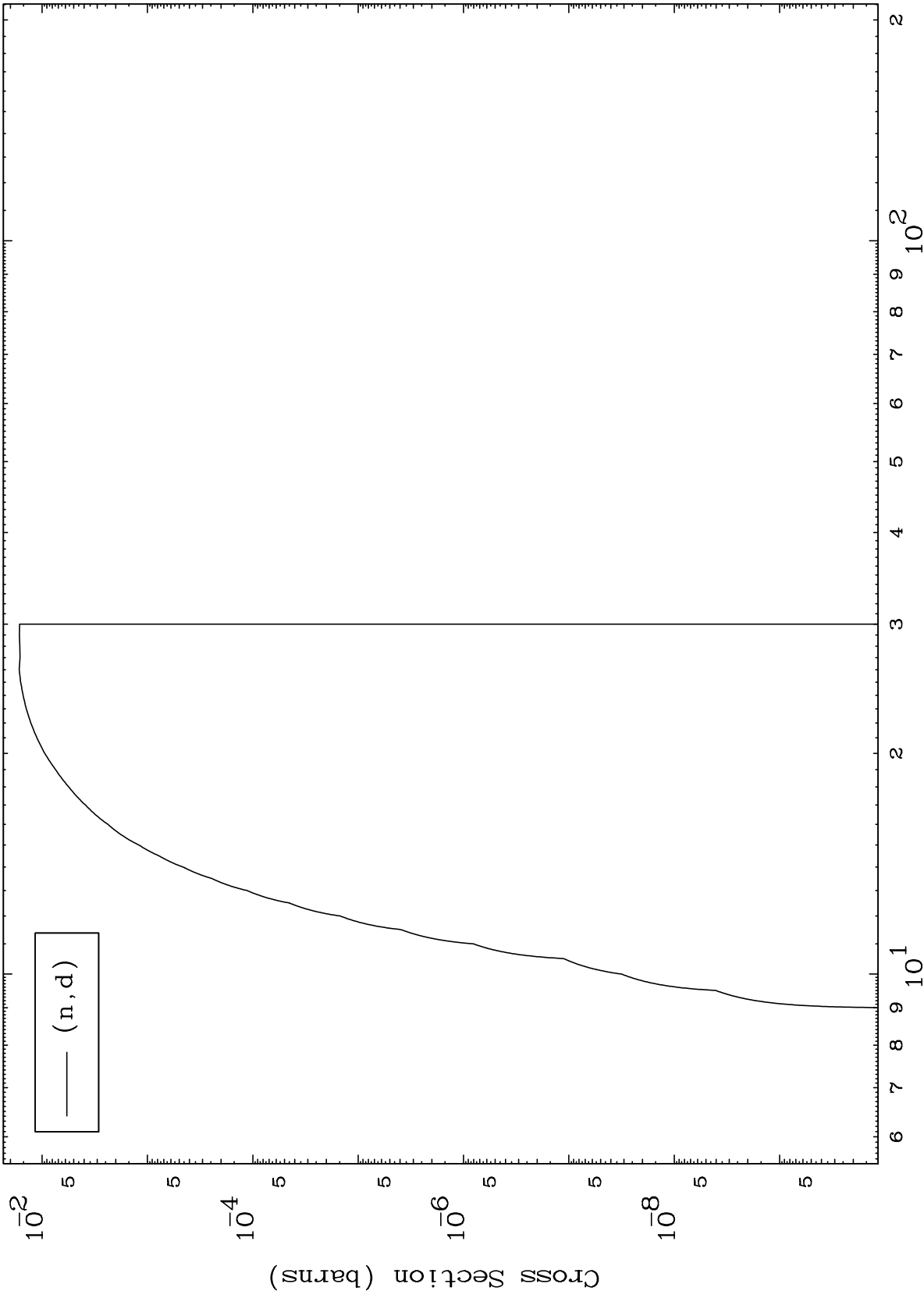
Incident Energy (MeV)

56-Ba-135

MAT 5641

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-135



11

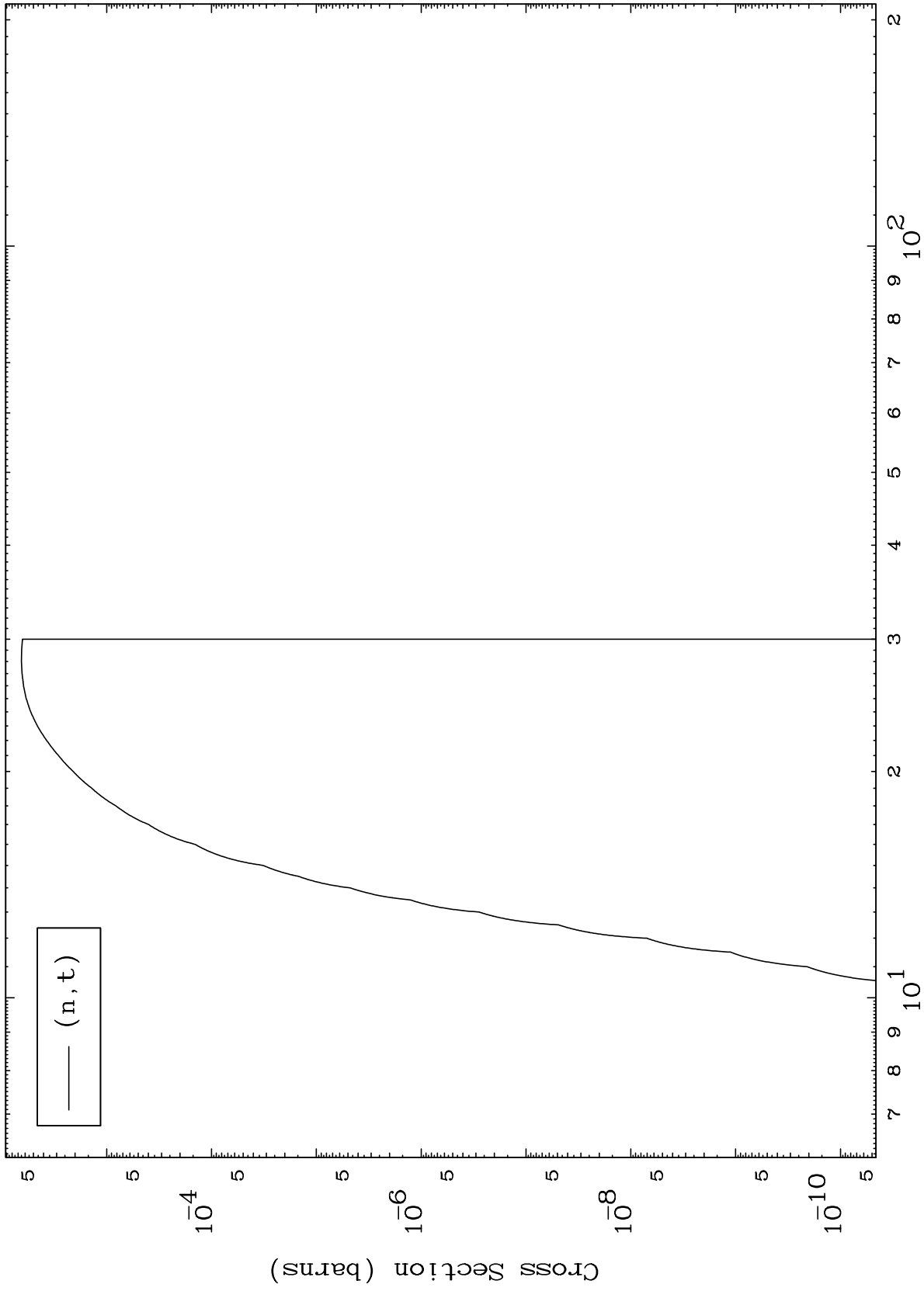
Incident Energy (MeV)

56-Ba-135

MAT 5641

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-135



12

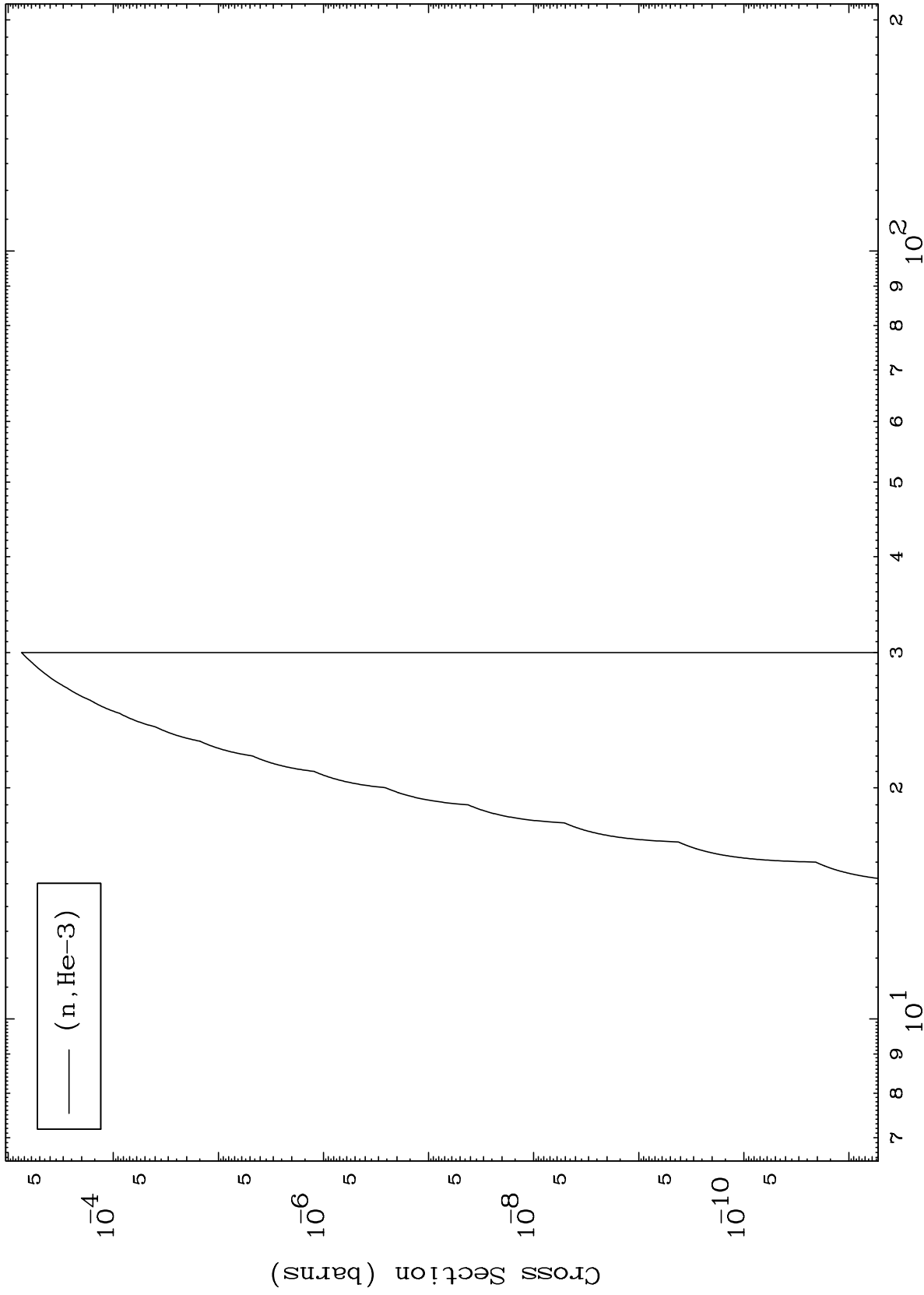
Incident Energy (MeV)

56-Ba-135

MAT 5641

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-135



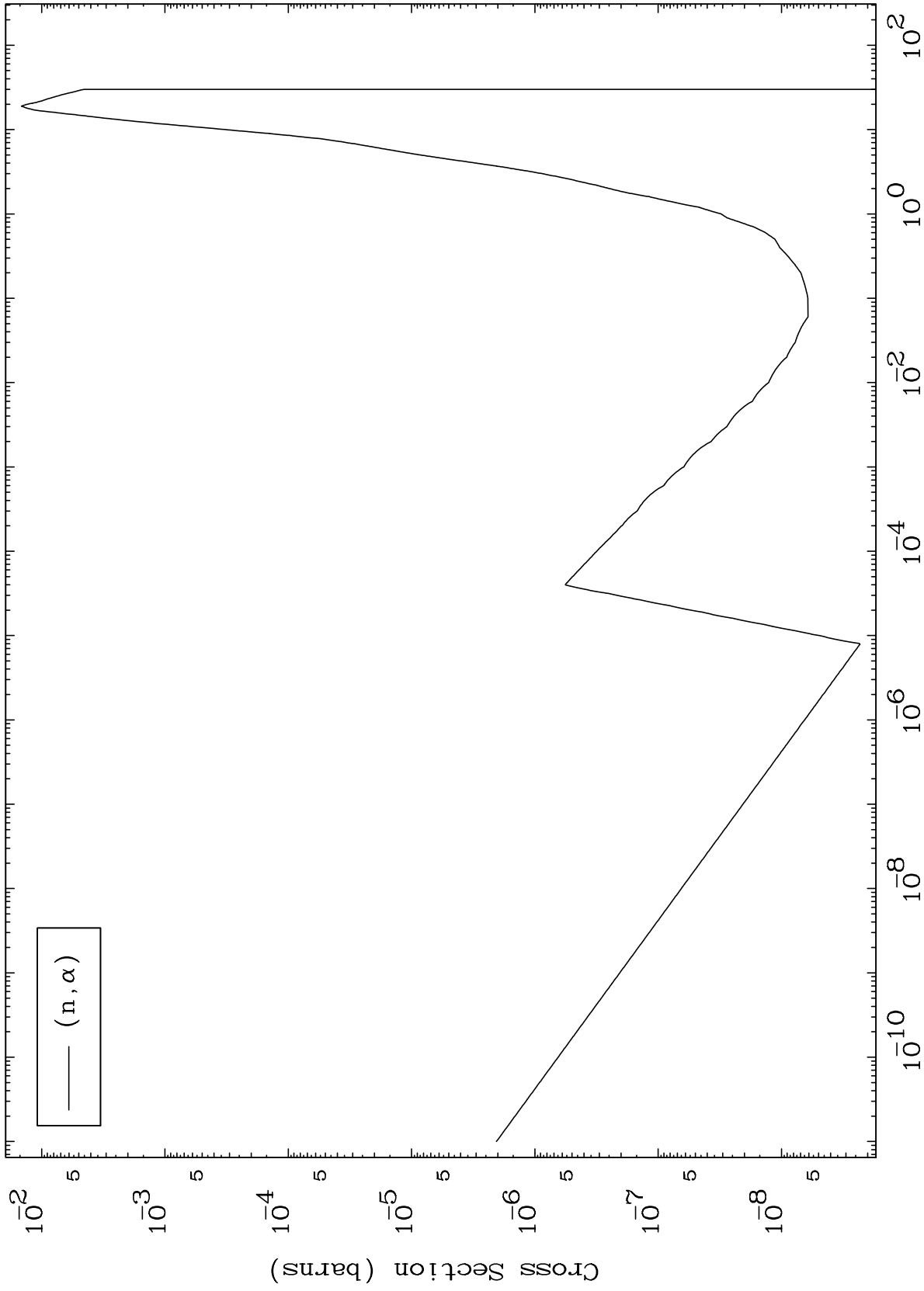
13

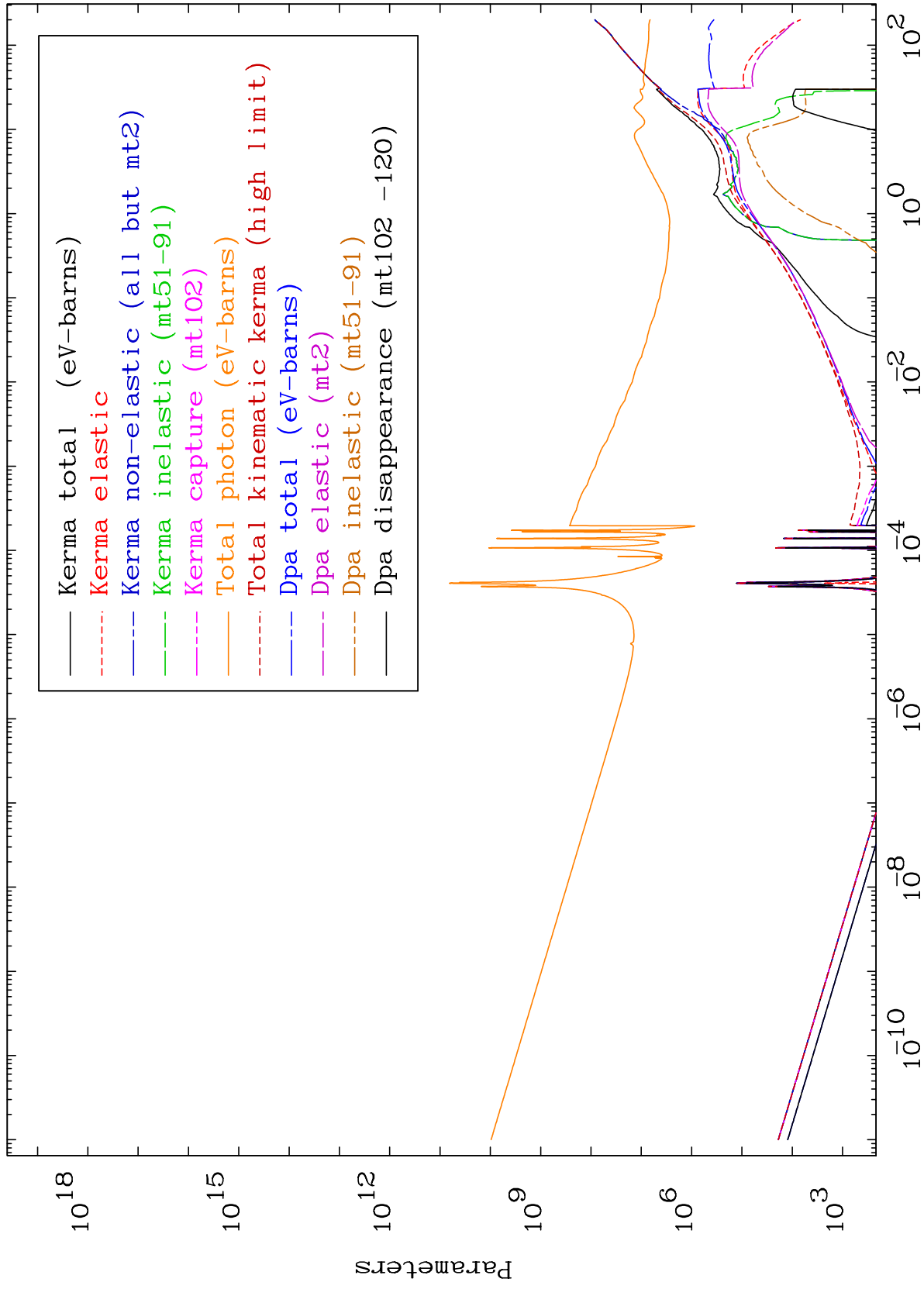
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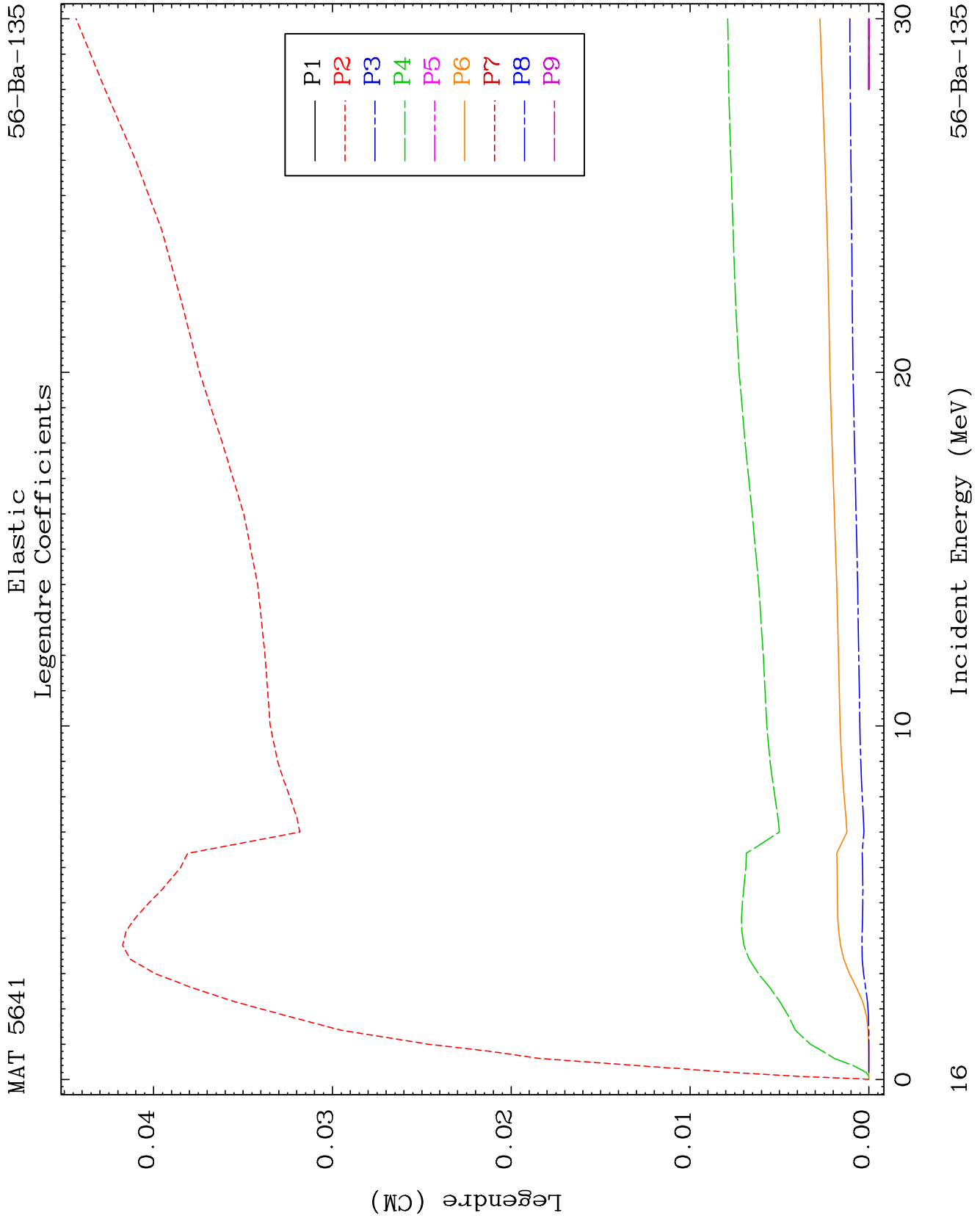
MAT 5641

(n,α) Levels
293 Kelvin Cross Sections

56-Ba-135



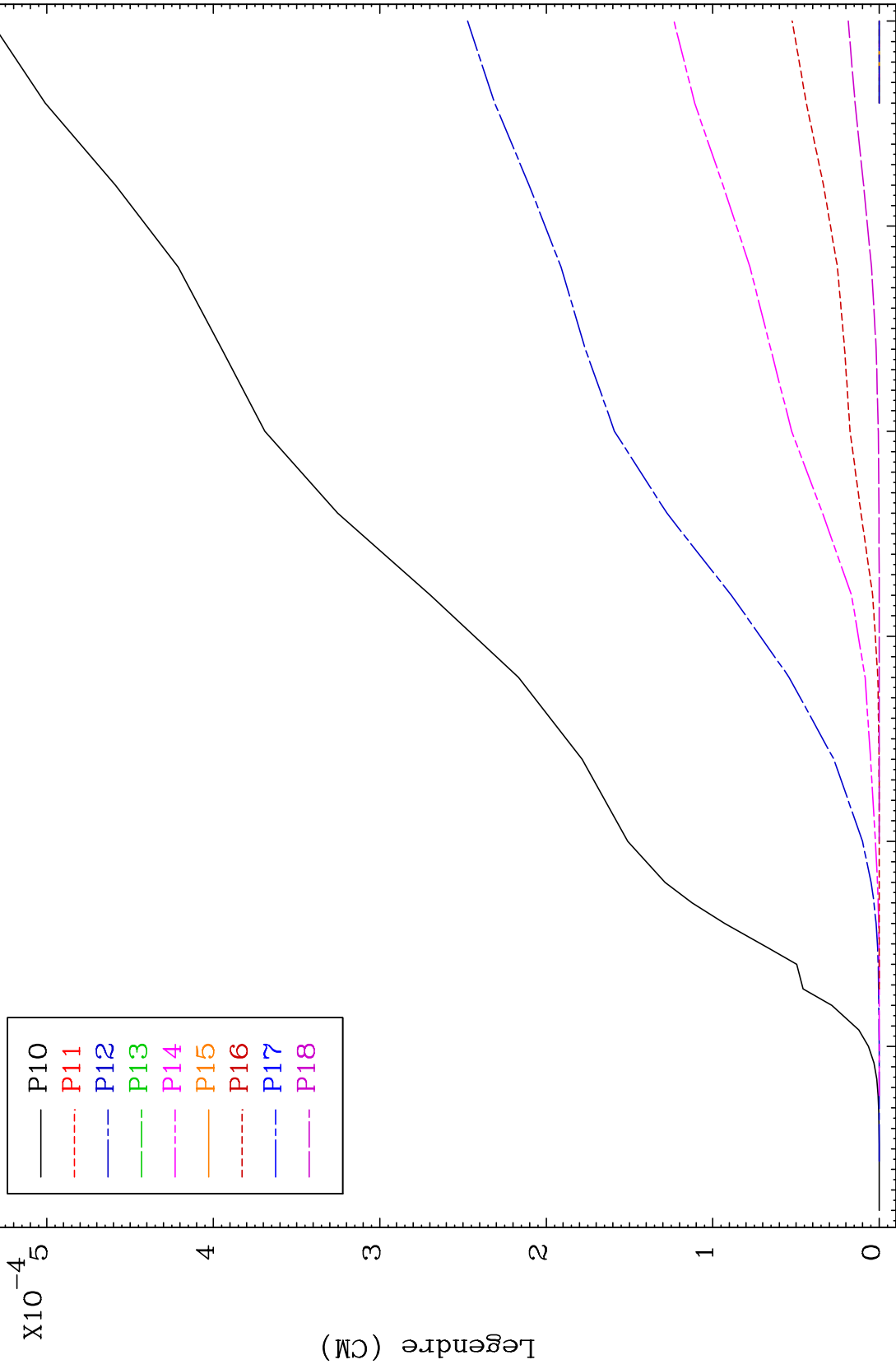
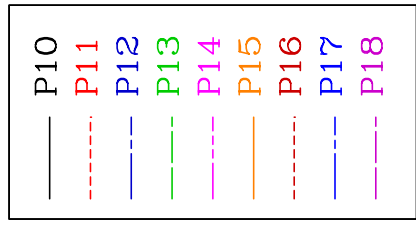




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Elastic Legendre Coefficients

56-Ba-135



17

Incident Energy (MeV)

56-Ba-135

MAT 5641

Elastic Legendre Coefficients

56-Ba-135



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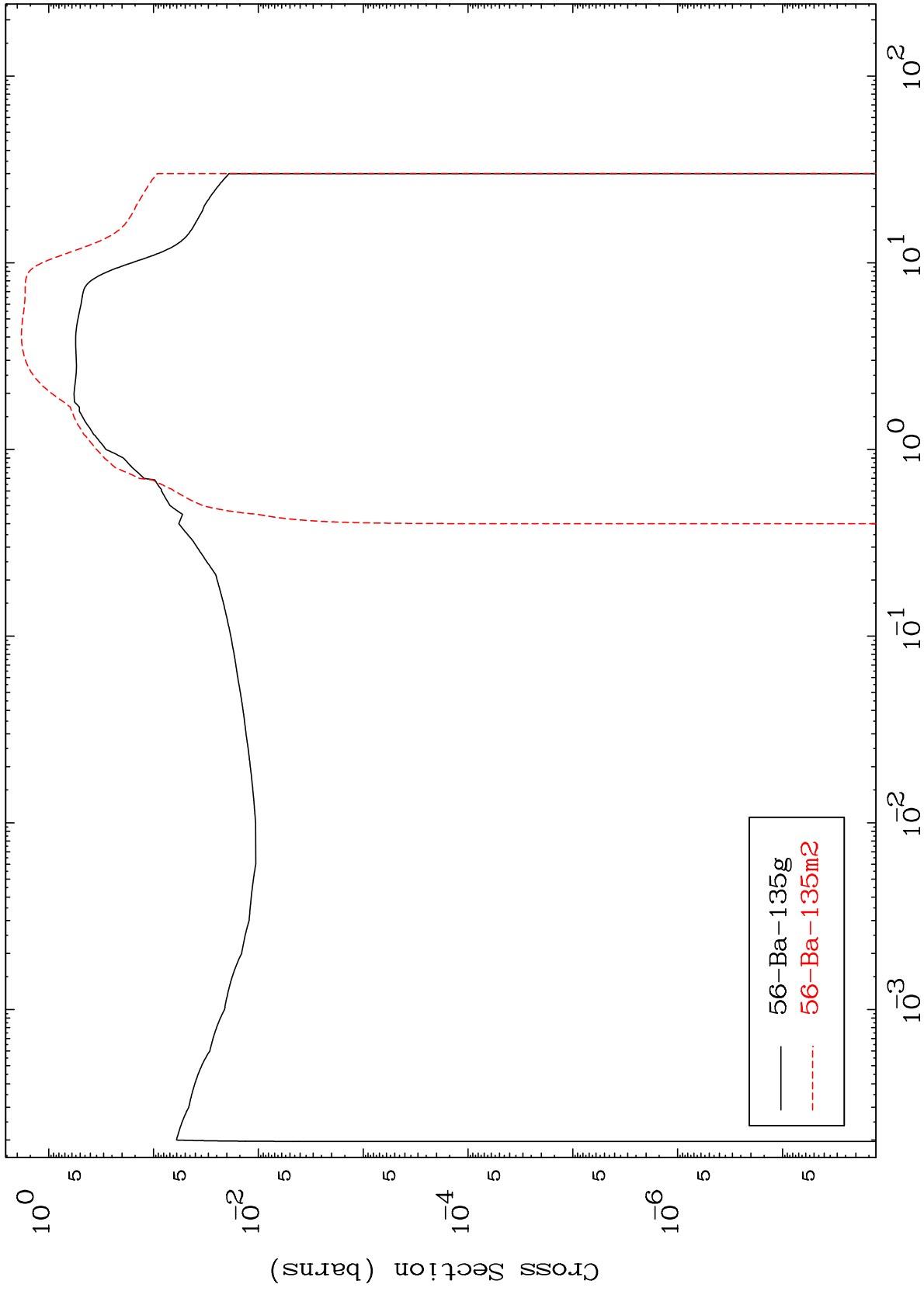
Incident Energy (MeV)

56-Ba-135

MAT 5641

56-Ba-135

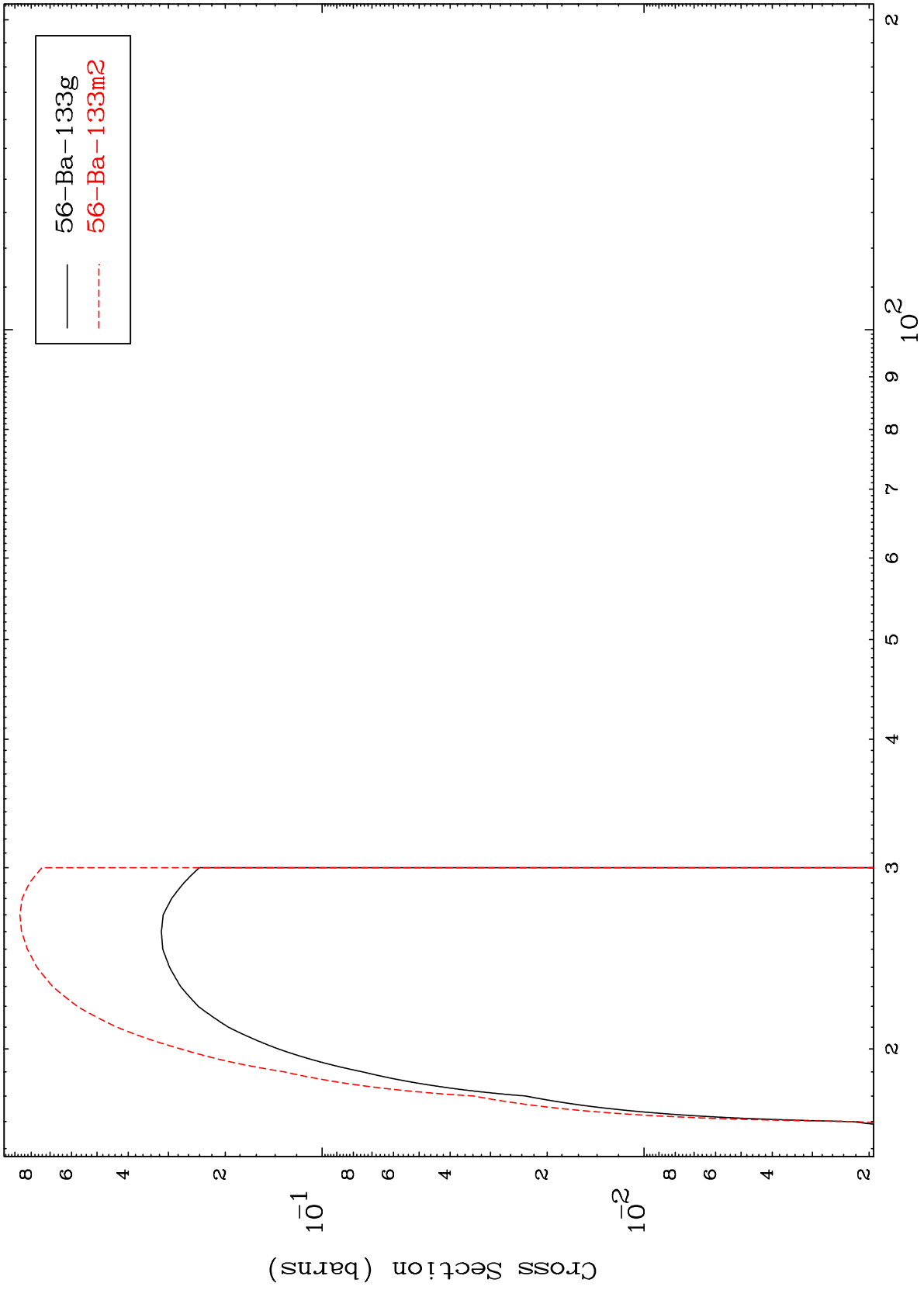
Inelastic
Radionuclide Production Cross Section



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56-Ba-135

(n,3n)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

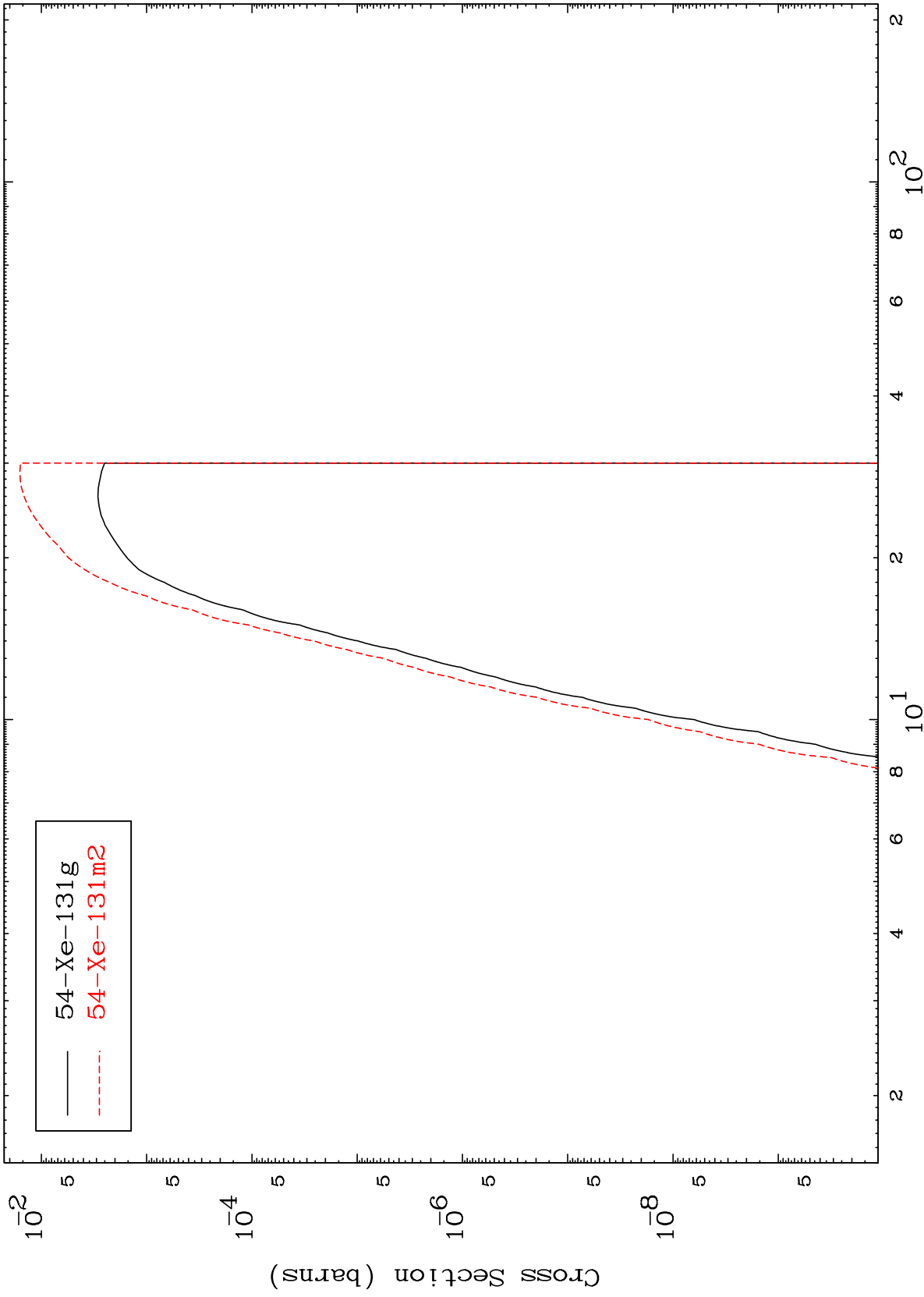
56-Ba-135

MAT 5641

(n,n') α

56-Ba-135

Radionuclide Production Cross Section



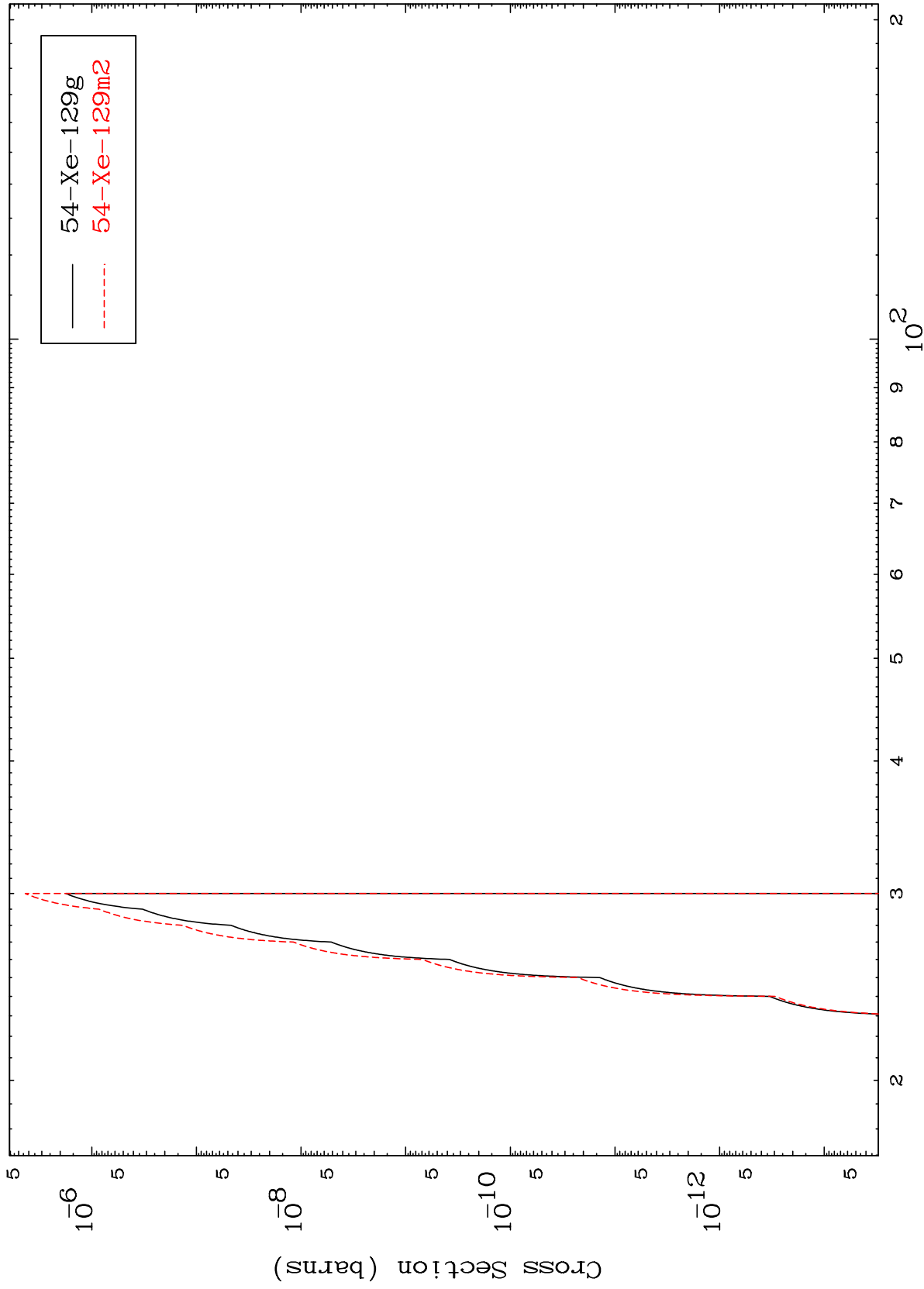
54-Xe-131g
54-Xe-131m2

MAT 5641

(n,3n) α

56-Ba-135

Radionuclide Production Cross Section



22

Incident Energy (MeV)

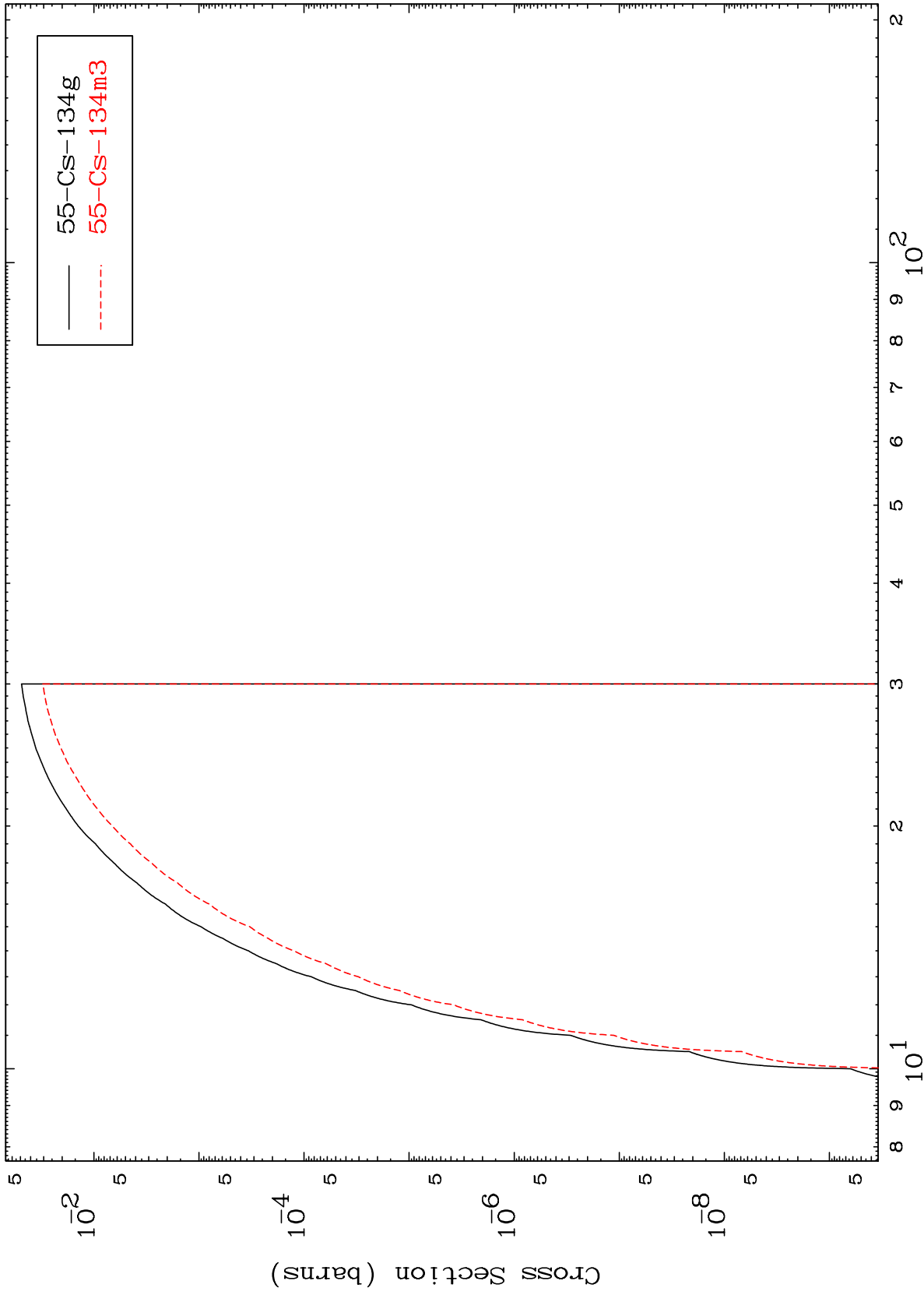
56-Ba-135

MAT 5641

(n,n') p

56-Ba-135

Radionuclide Production Cross Section



23

Incident Energy (MeV)

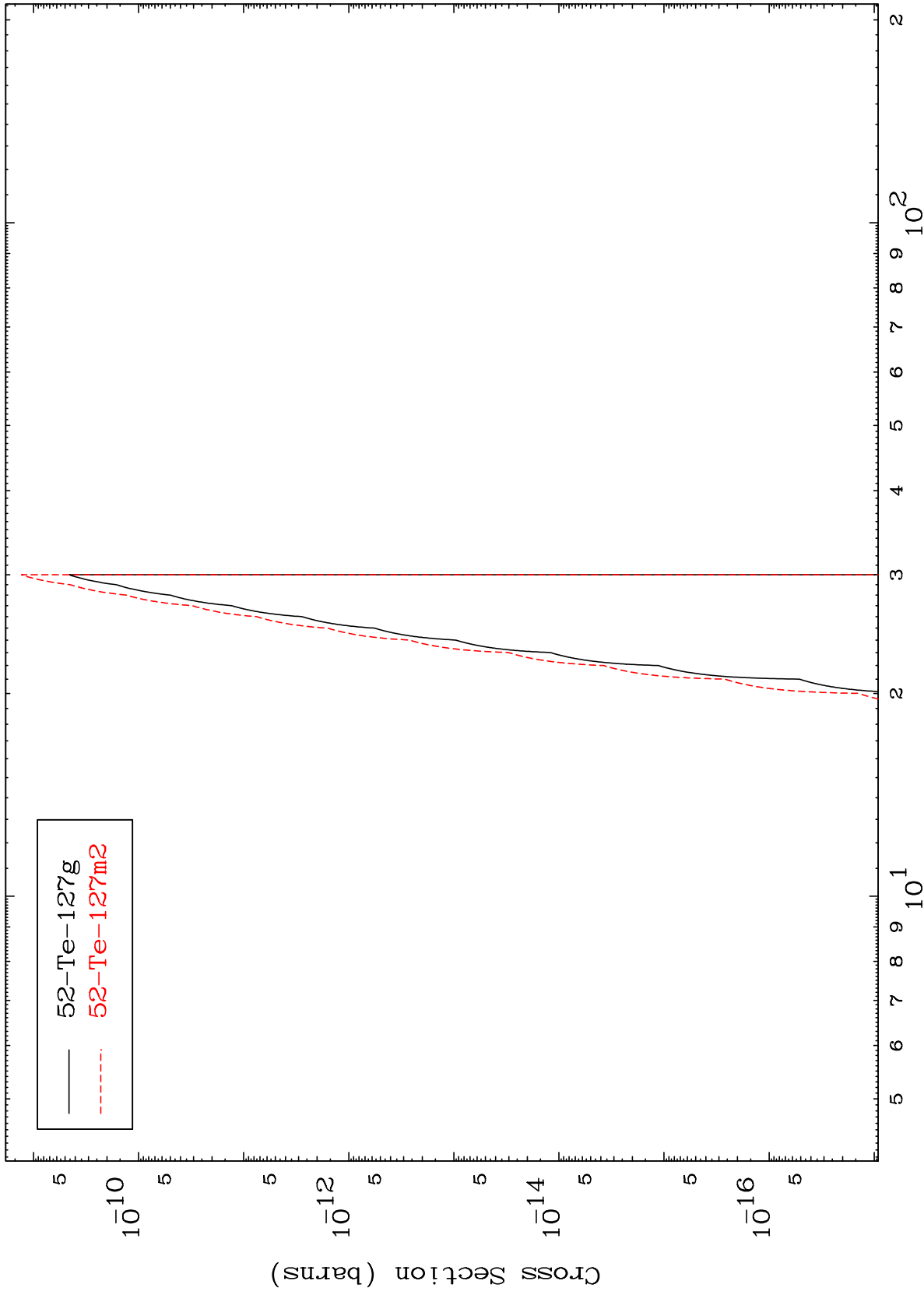
56-Ba-135

MAT 5641

(n,n') 2 α

56-Ba-135

Radionuclide Production Cross Section



24

Incident Energy (MeV)

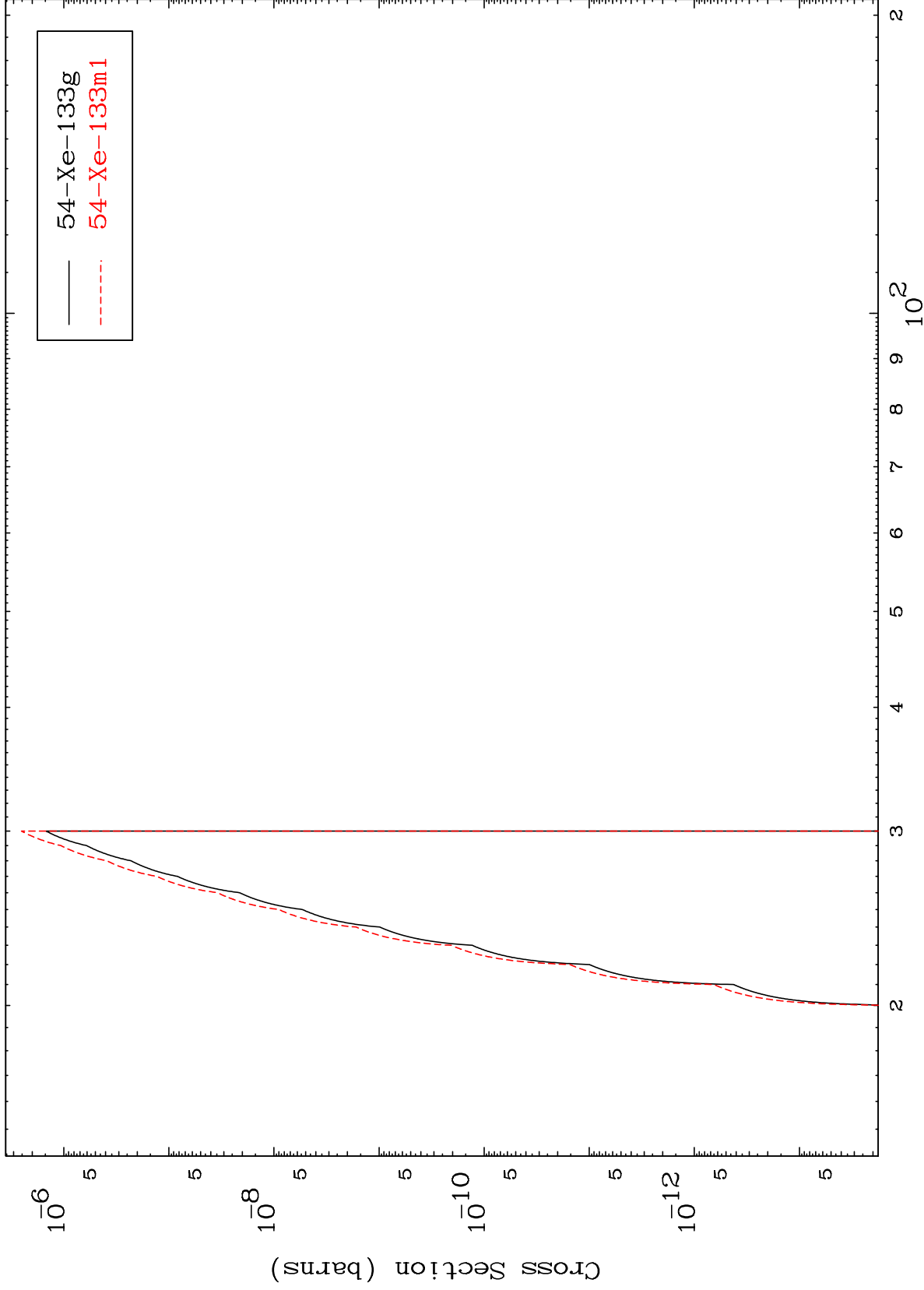
56-Ba-135

MAT 5641

(n,2n) p

56-Ba-135

Radionuclide Production Cross Section



25

Incident Energy (MeV)

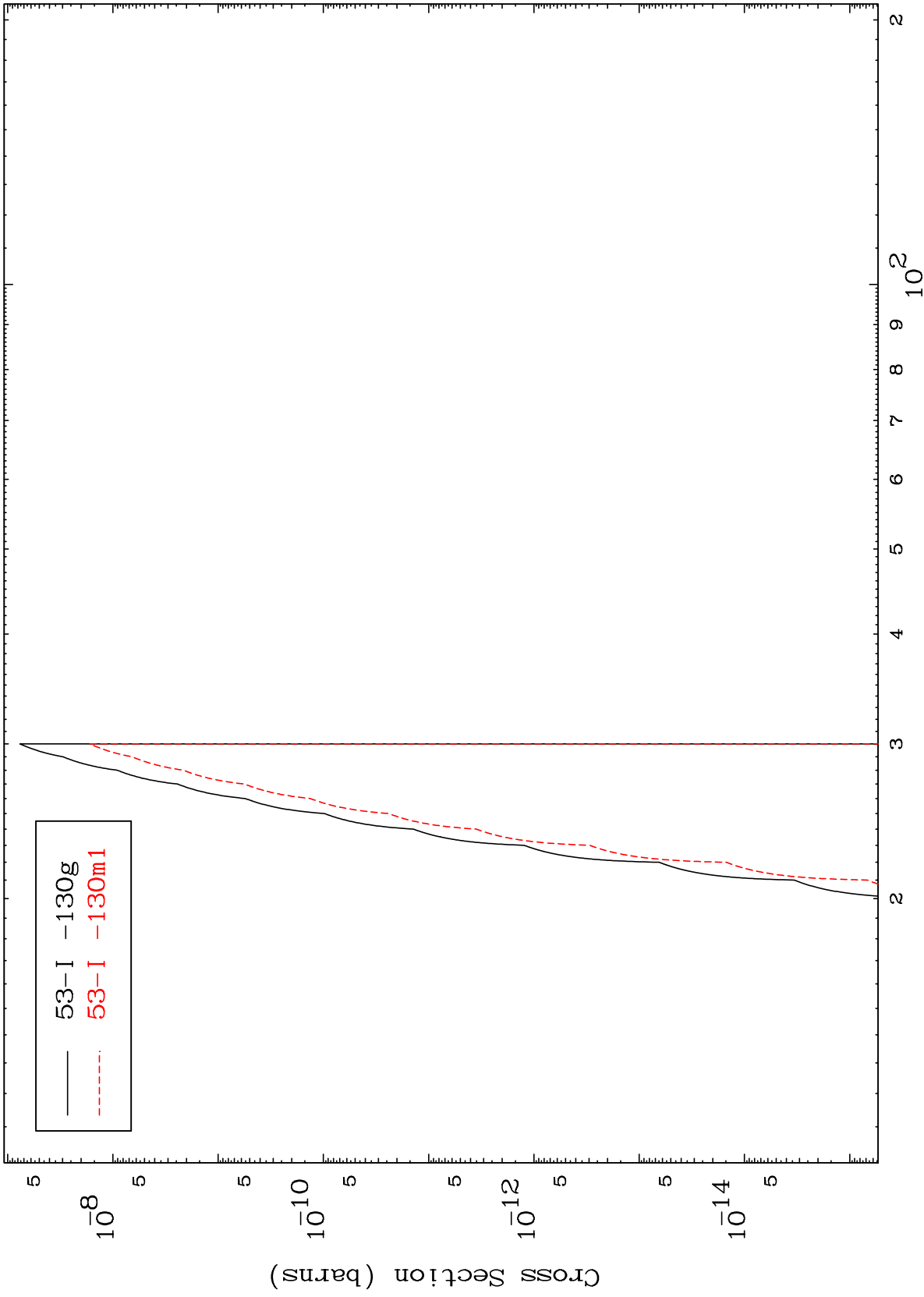
56-Ba-135

MAT 5641

(n,n') p α

56-Ba-135

Radionuclide Production Cross Section



26

Incident Energy (MeV)

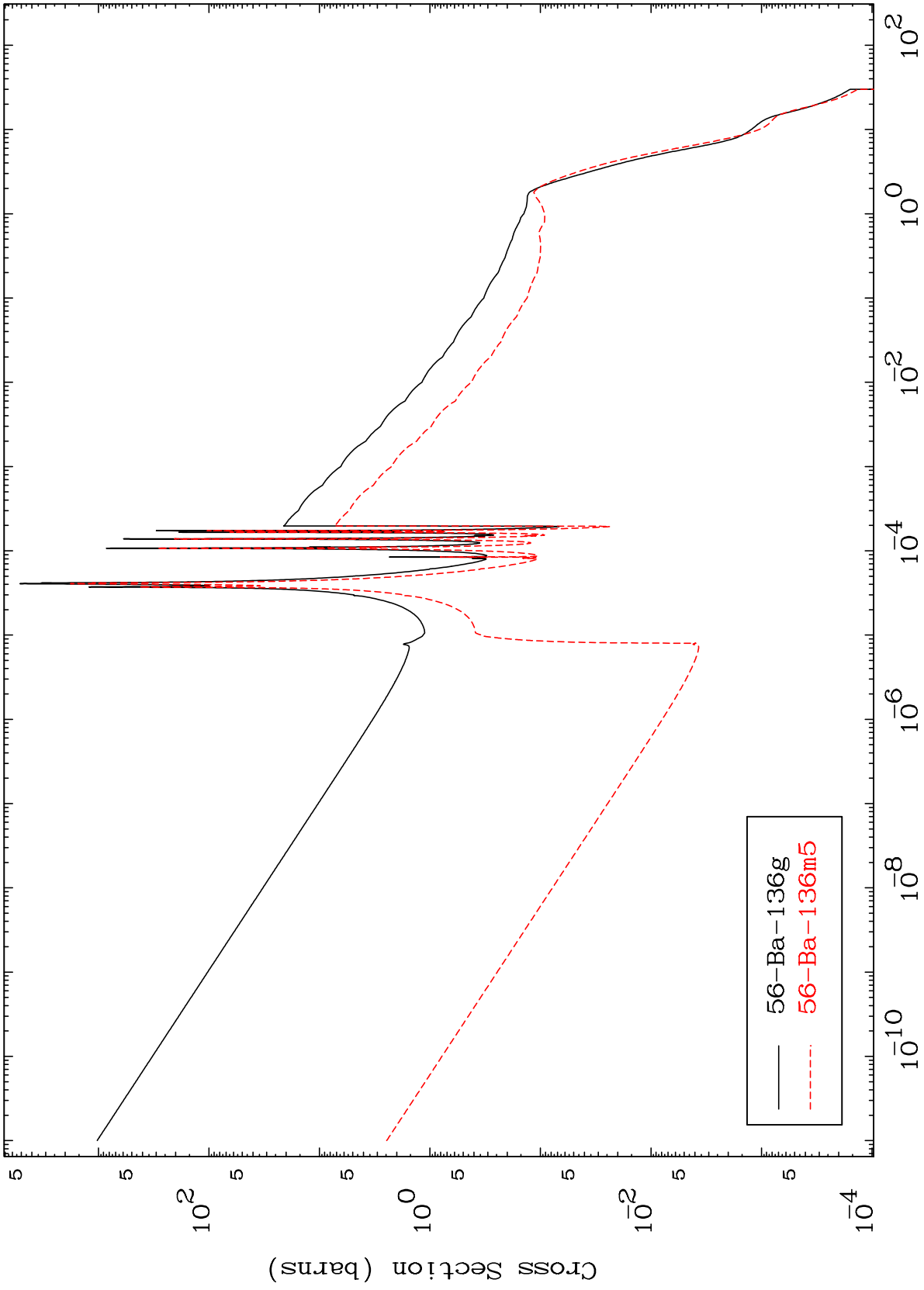
56-Ba-135

MAT 5641

56-Ba-135

Radionuclide Production Cross Section

(n,γ)



27

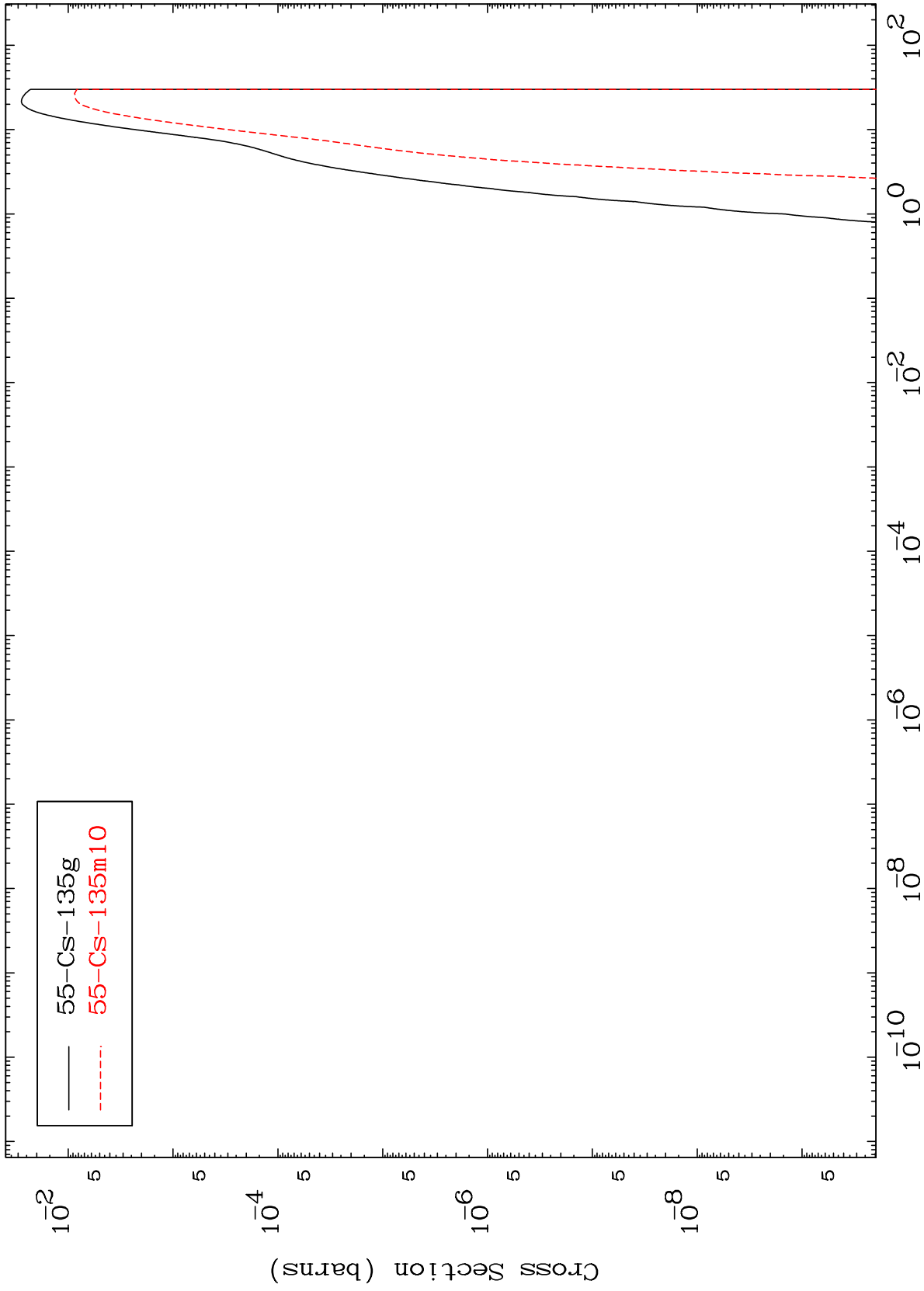
56-Ba-135

MAT 5641

(n,p)

56-Ba-135

Radionuclide Production Cross Section



28

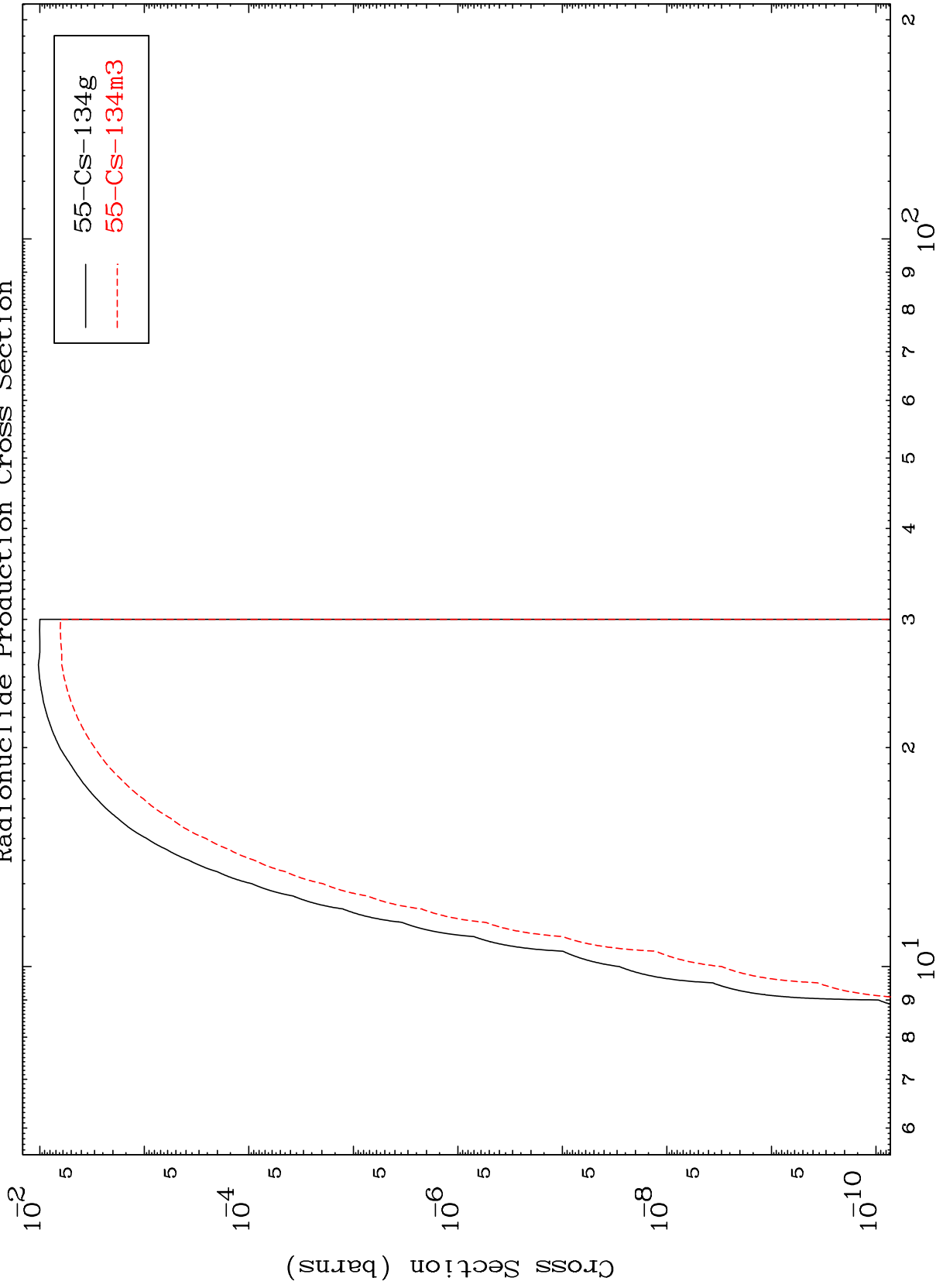
Incident Energy (MeV)

56-Ba-135

MAT 5641

56-Ba-135

(n,d)
Radionuclide Production Cross Section



29

Incident Energy (MeV)

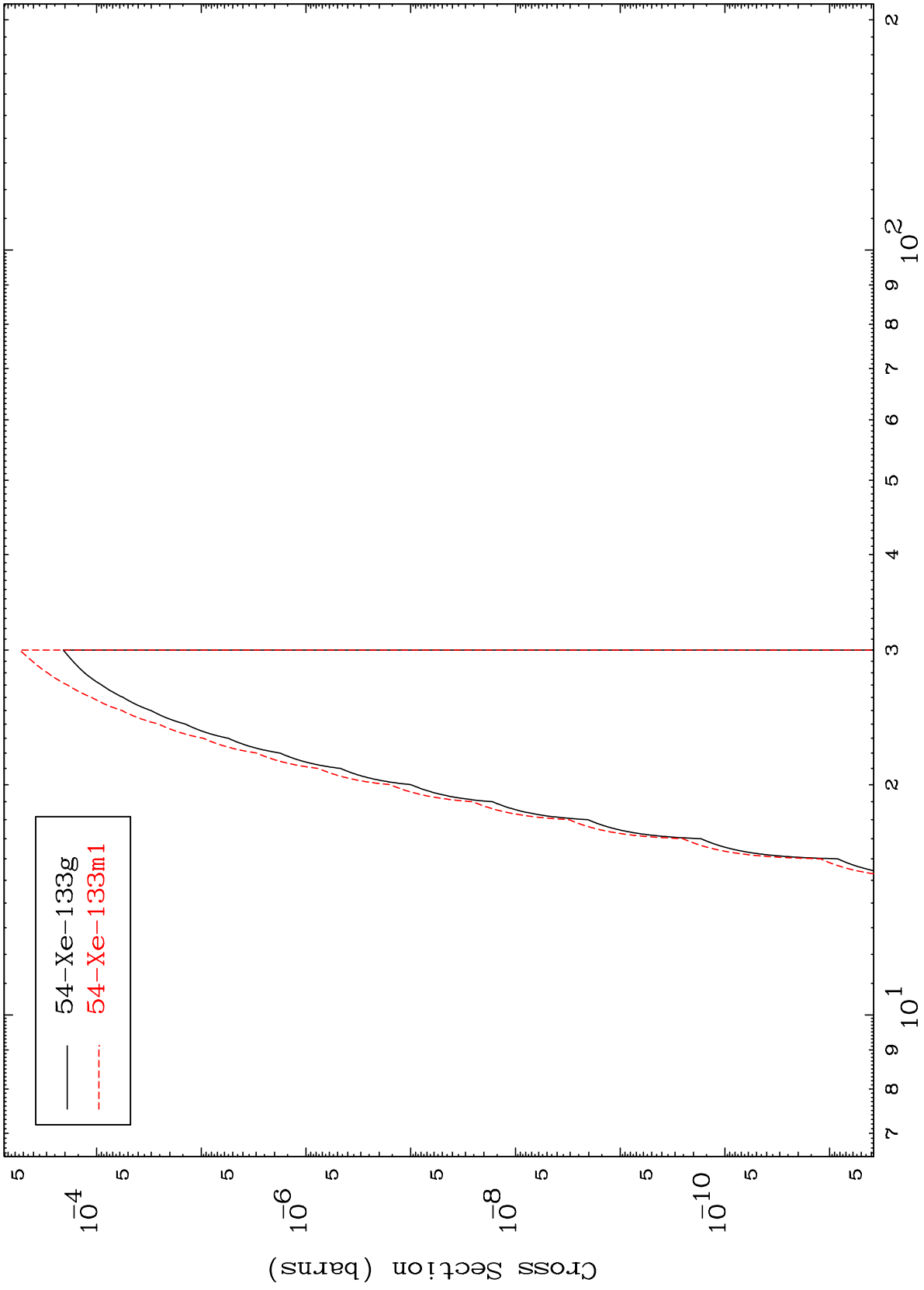
56-Ba-135

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(n, He-3)

56-Ba-135

Radionuclide Production Cross Section

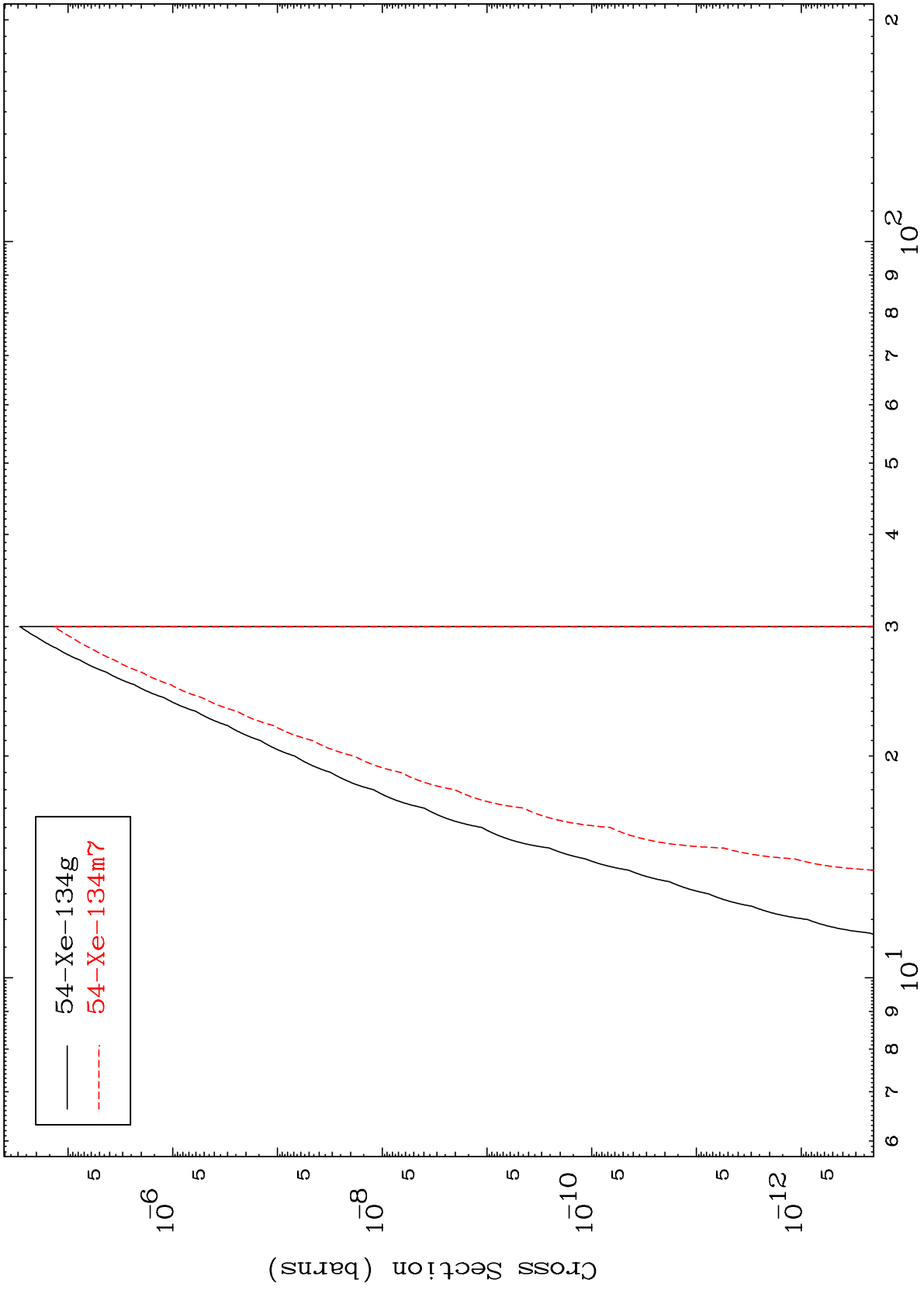


54-Xe-133g
54-Xe-133m1

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56-Ba-135

Radionuclide Production Cross Section
(n,2p)



31

Incident Energy (MeV)

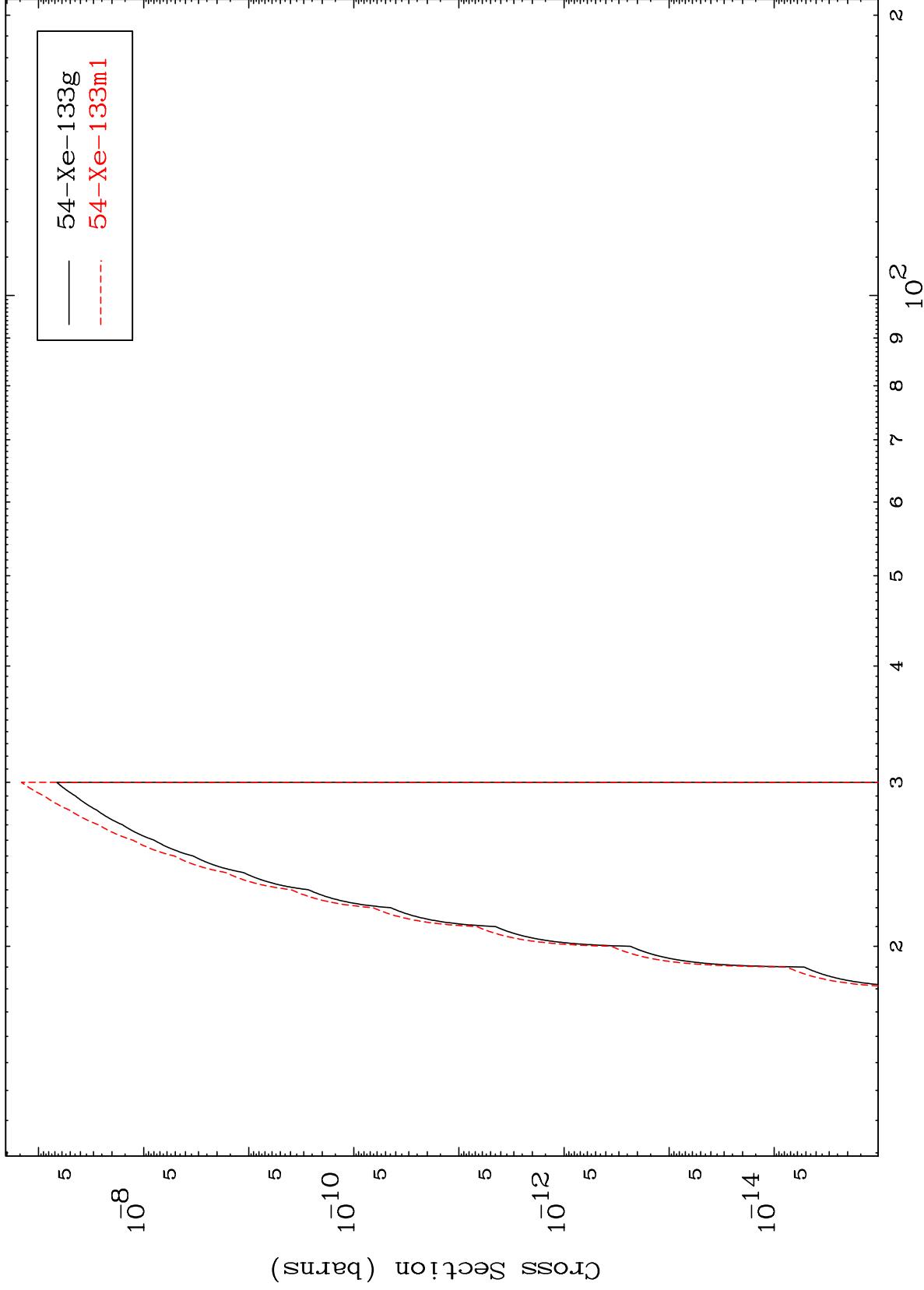
56-Ba-135

MAT 5641

(n,p) d

56-Ba-135

Radionuclide Production Cross Section



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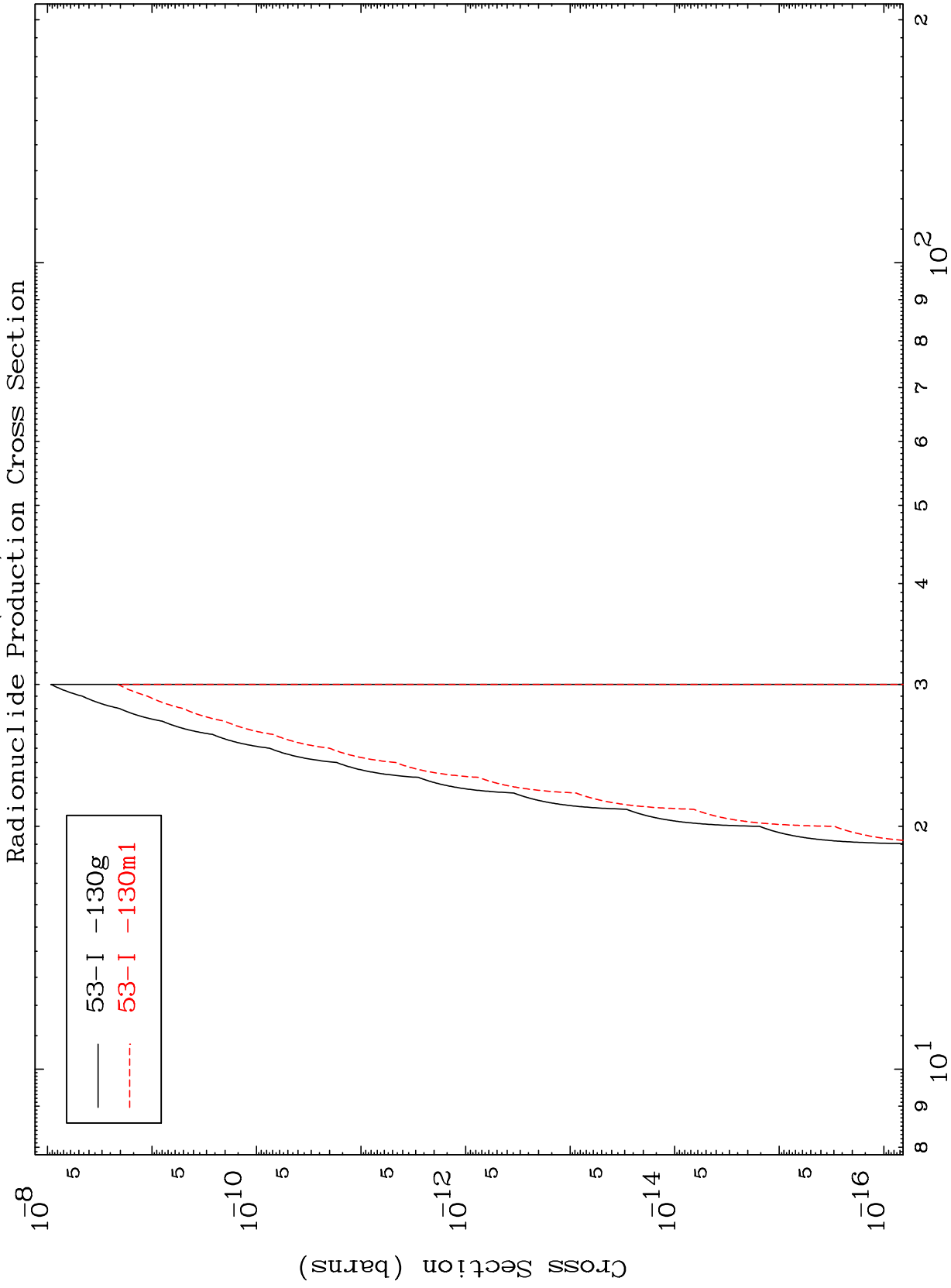
Incident Energy (MeV)

56-Ba-135

MAT 5641

(n,d) α

56-Ba-135



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