

Program EVALPLOT
(Version 2021-1)

by

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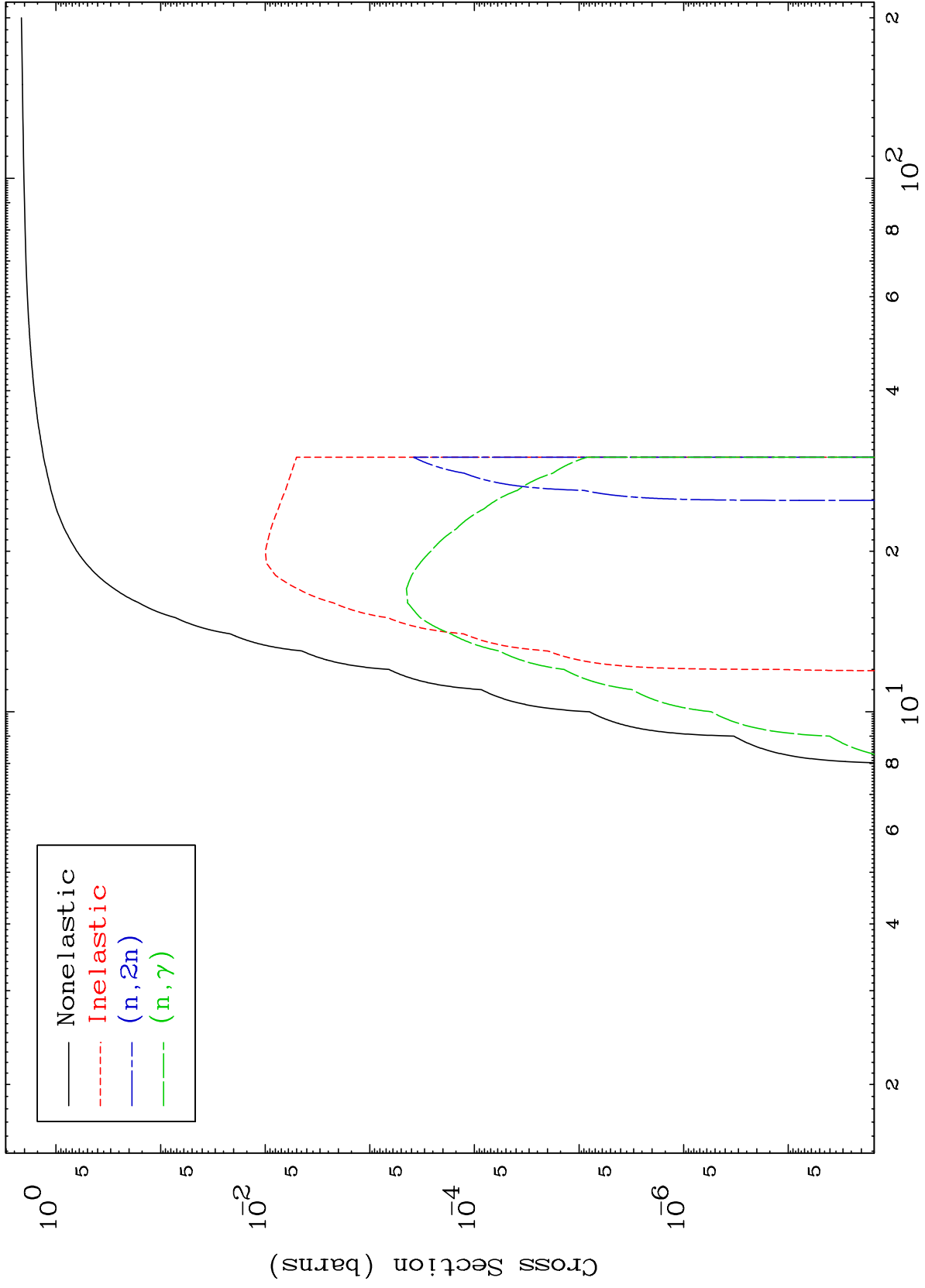
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5287

0 Kelvin Cross Sections

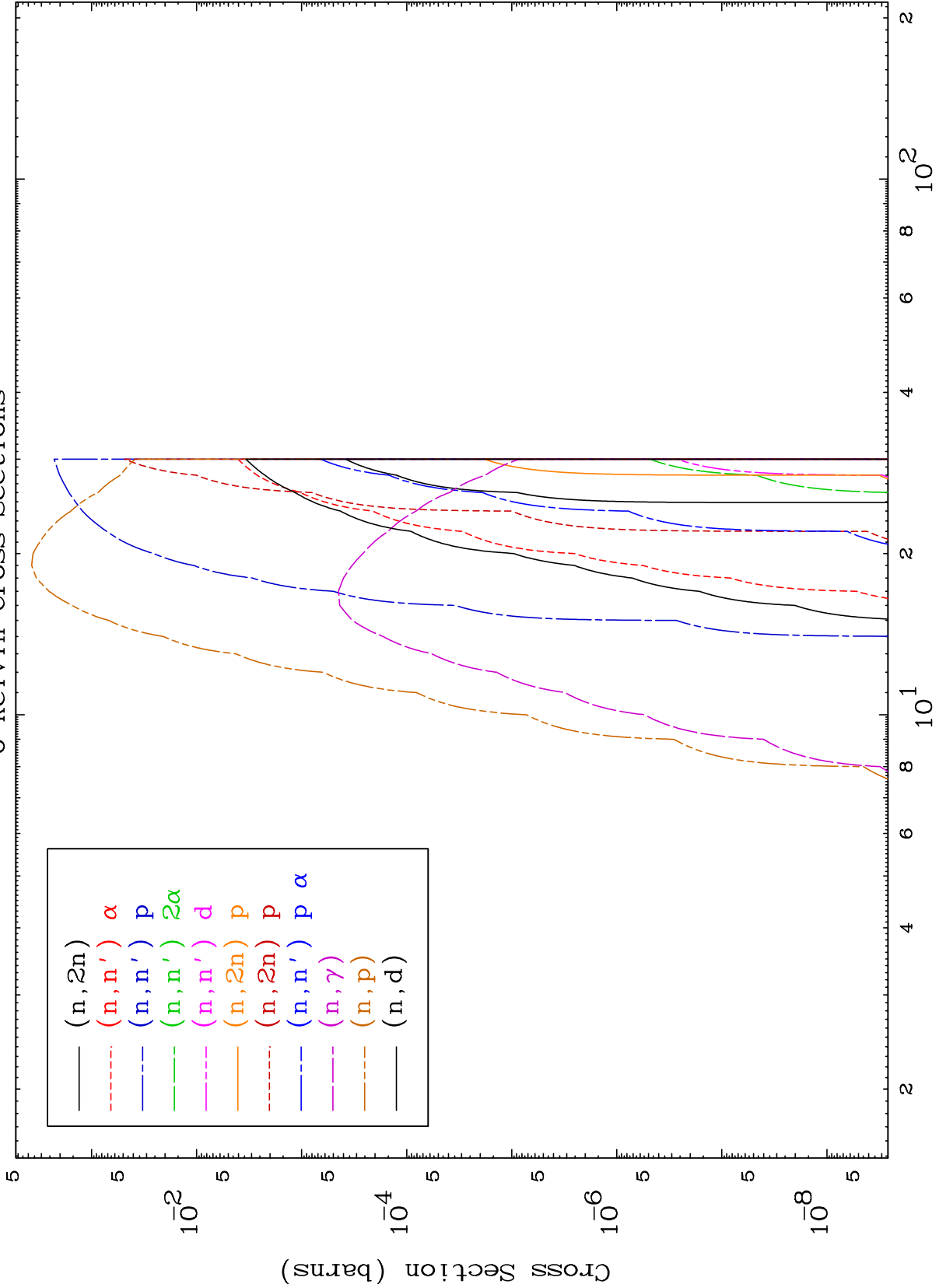
53-I -114m



1

Incident Energy (MeV)

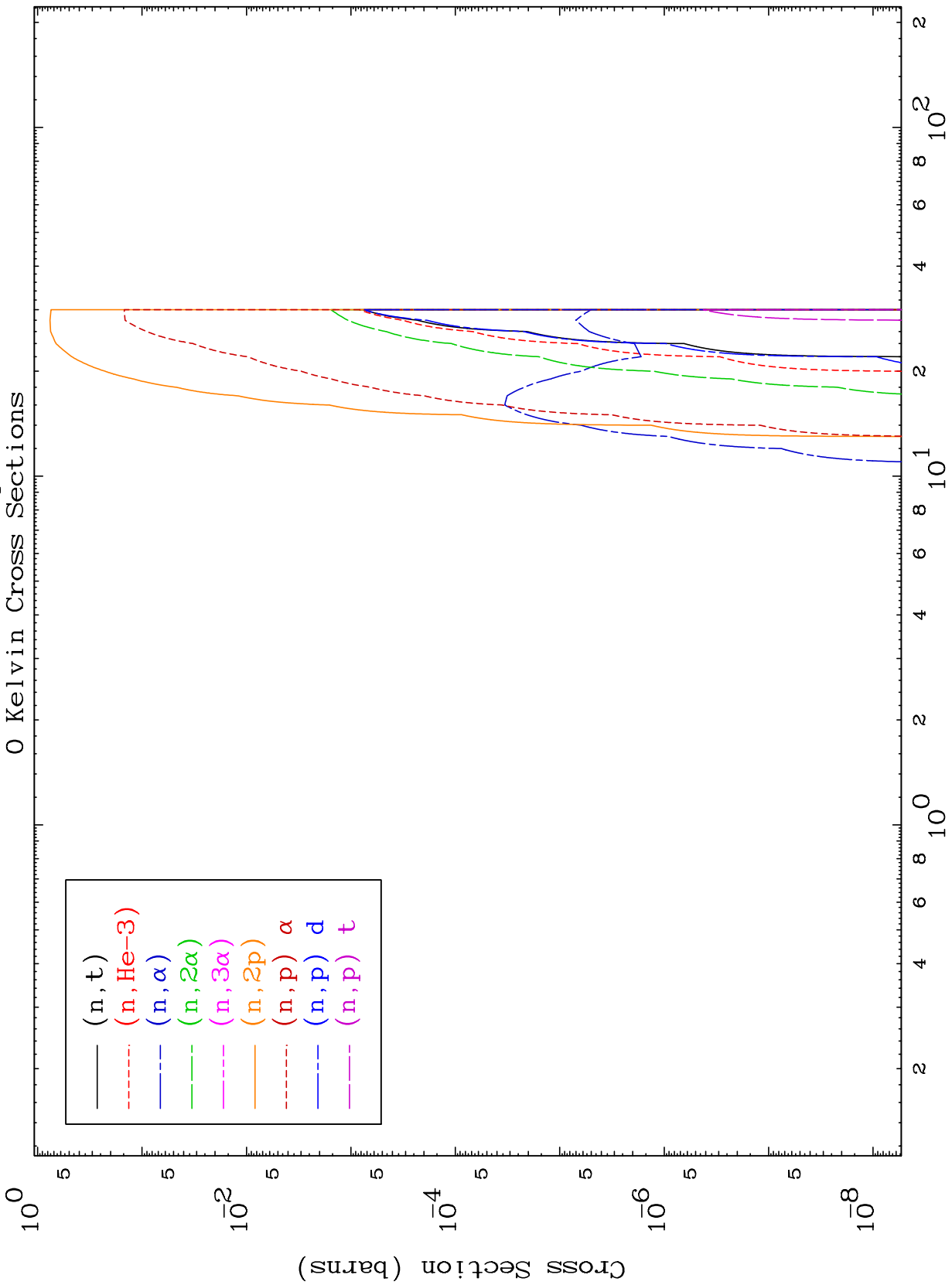
53-I -114m

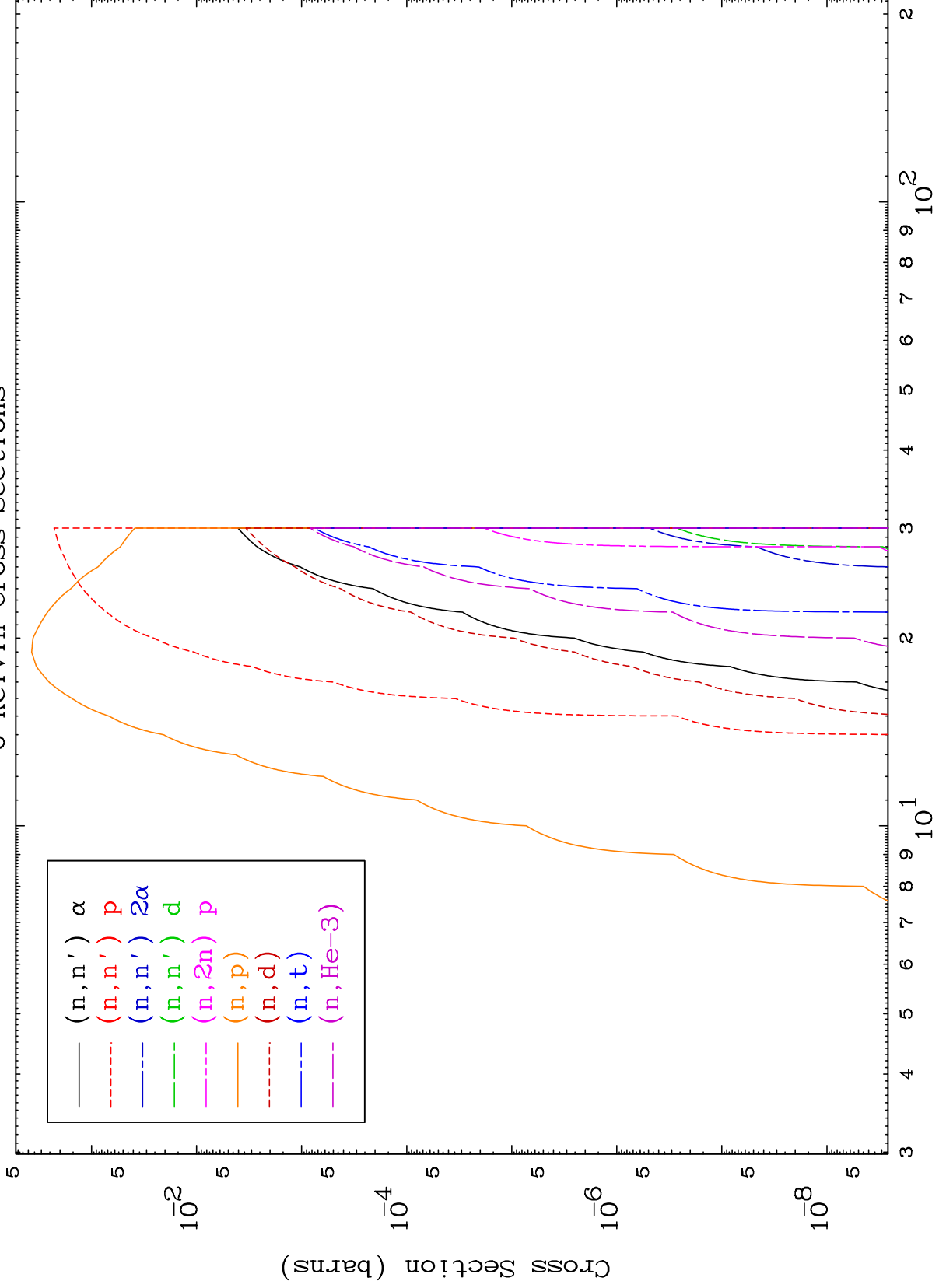


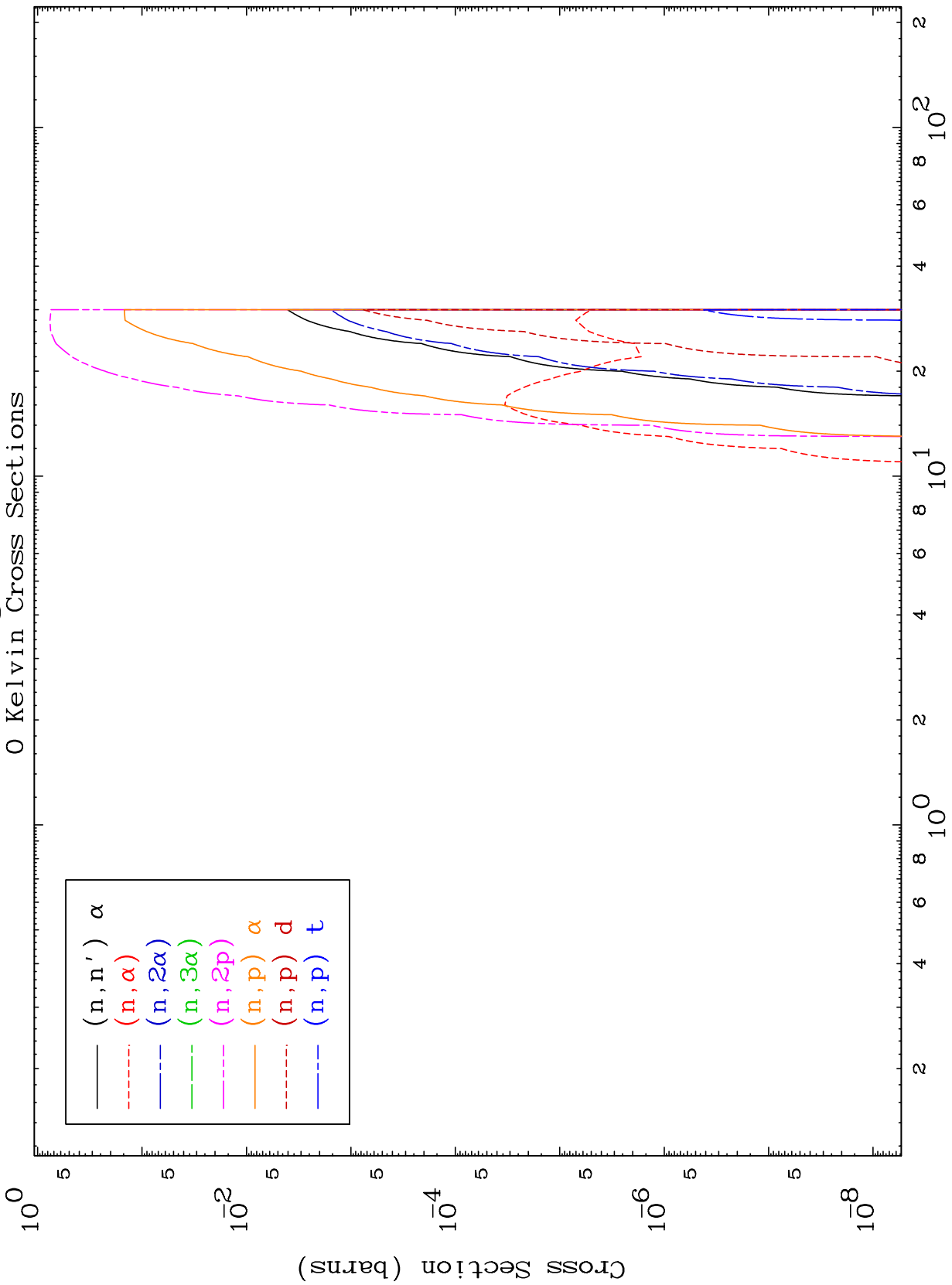
MAT 5287

α Neutron Absorption
0 Kelvin Cross Sections

53-I -114m



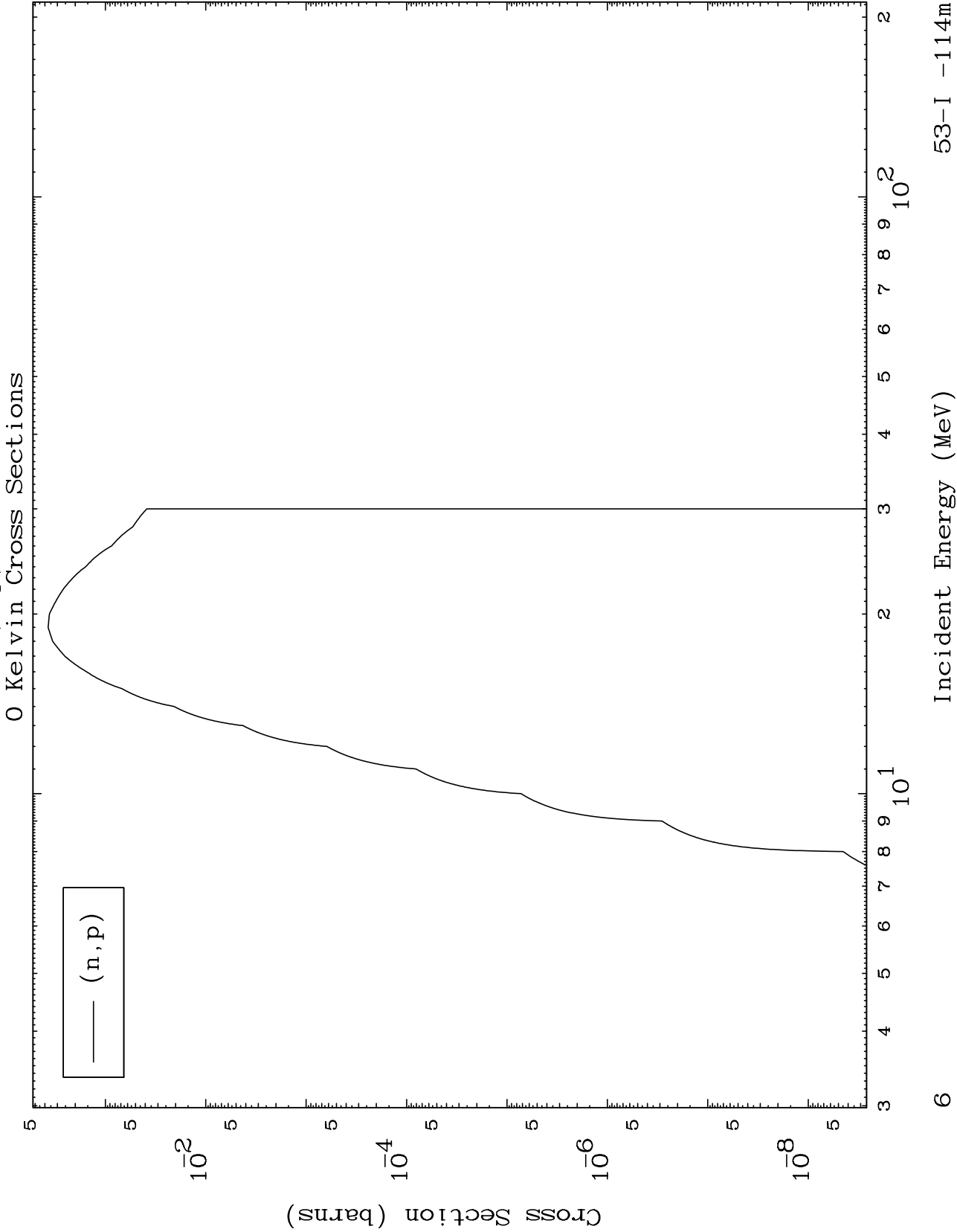




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(α, p) Levels

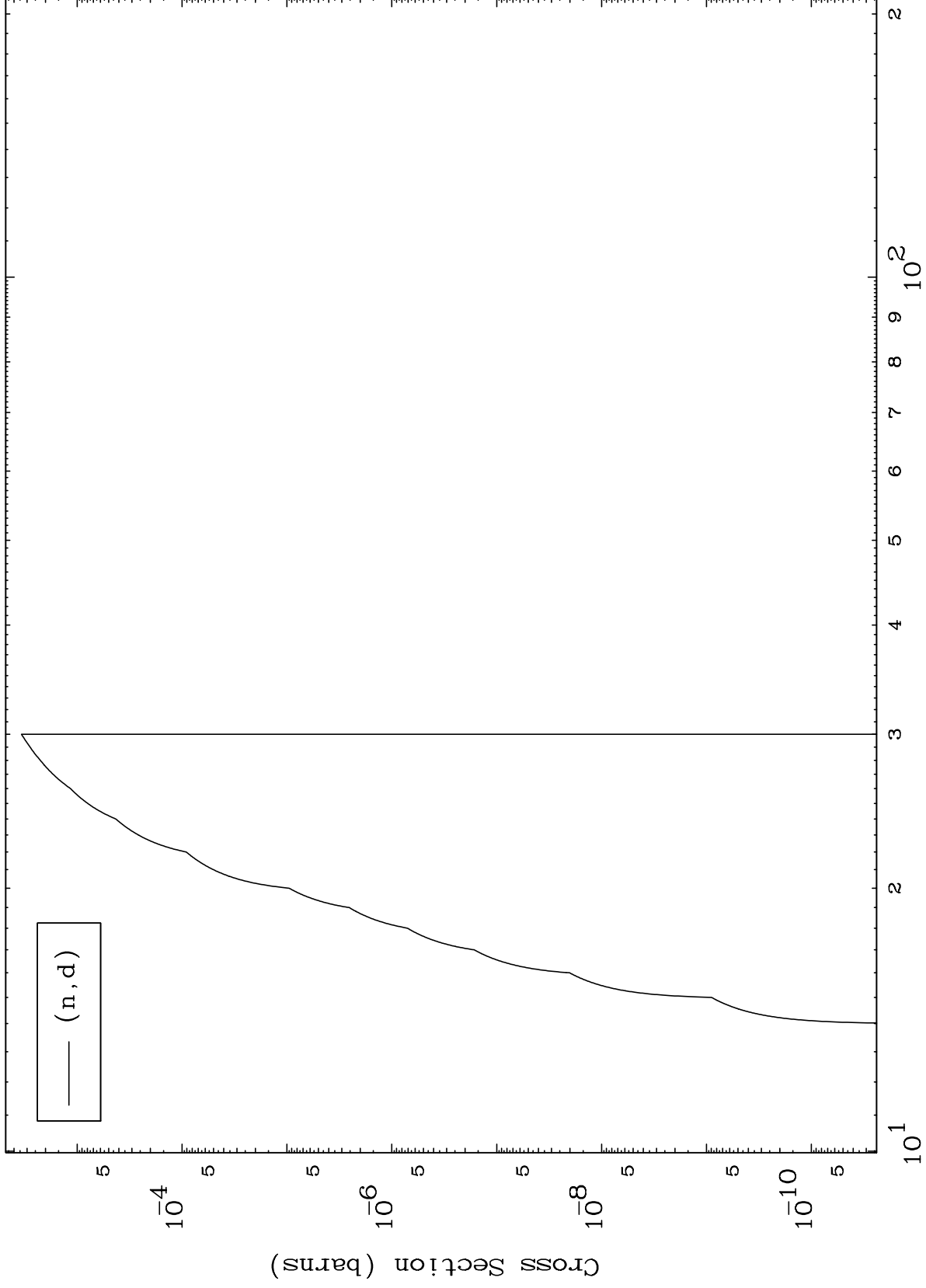
53-I -114m



MAT 5287

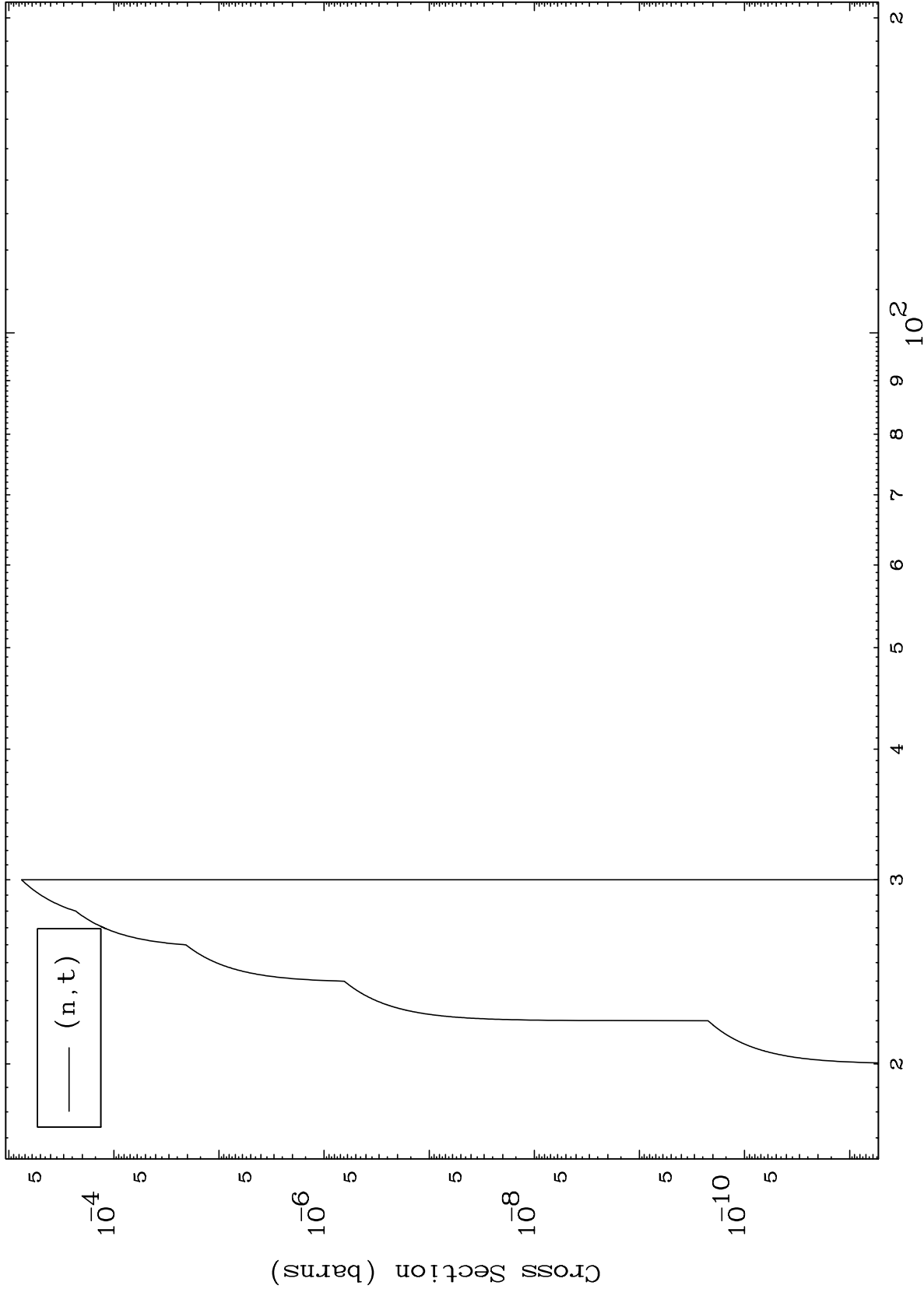
(α, d) Levels
0 Kelvin Cross Sections

53-I -114m



Incident Energy (MeV)

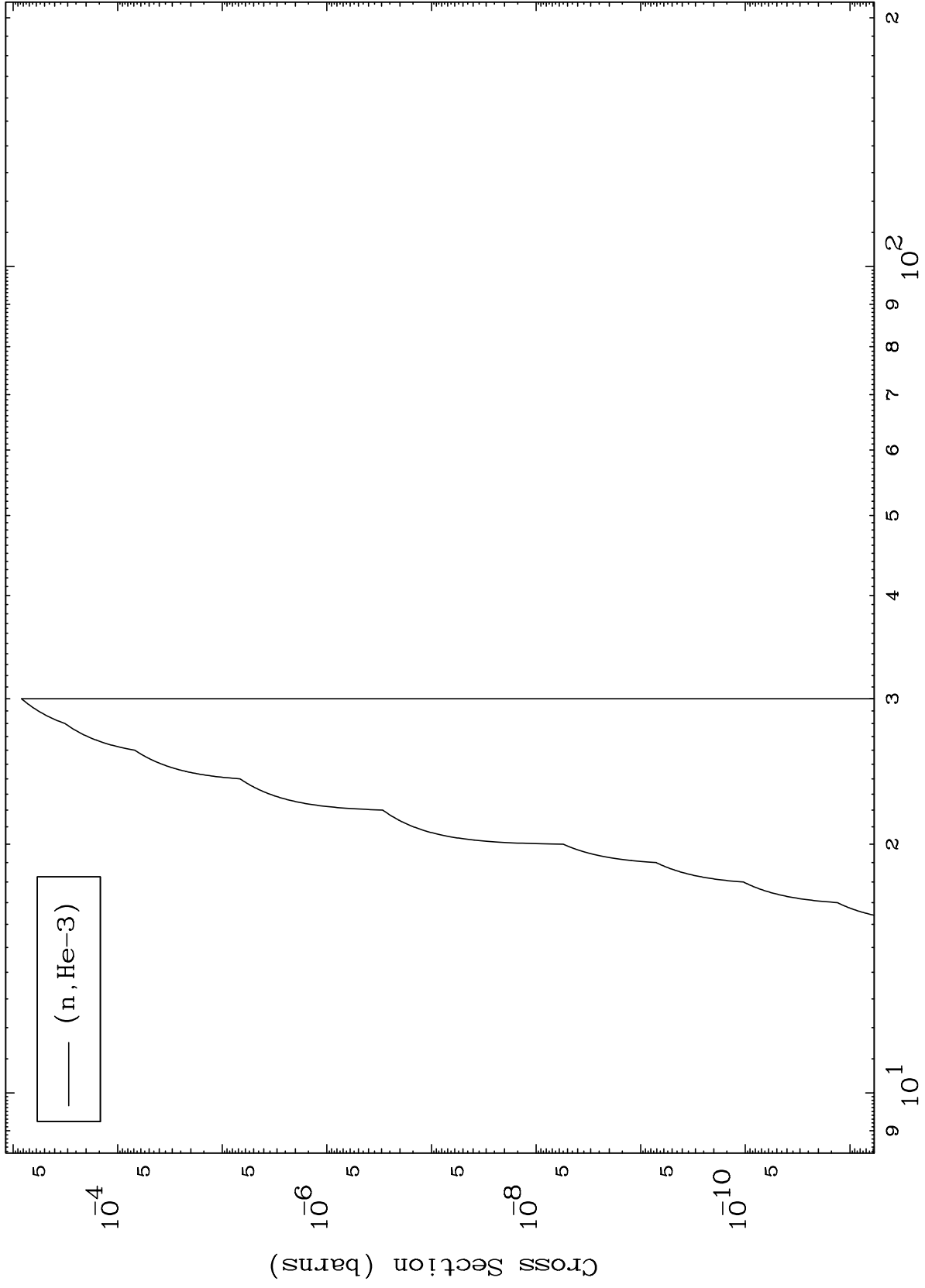
53-I -114m



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($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

53-I -114m



9

Incident Energy (MeV)

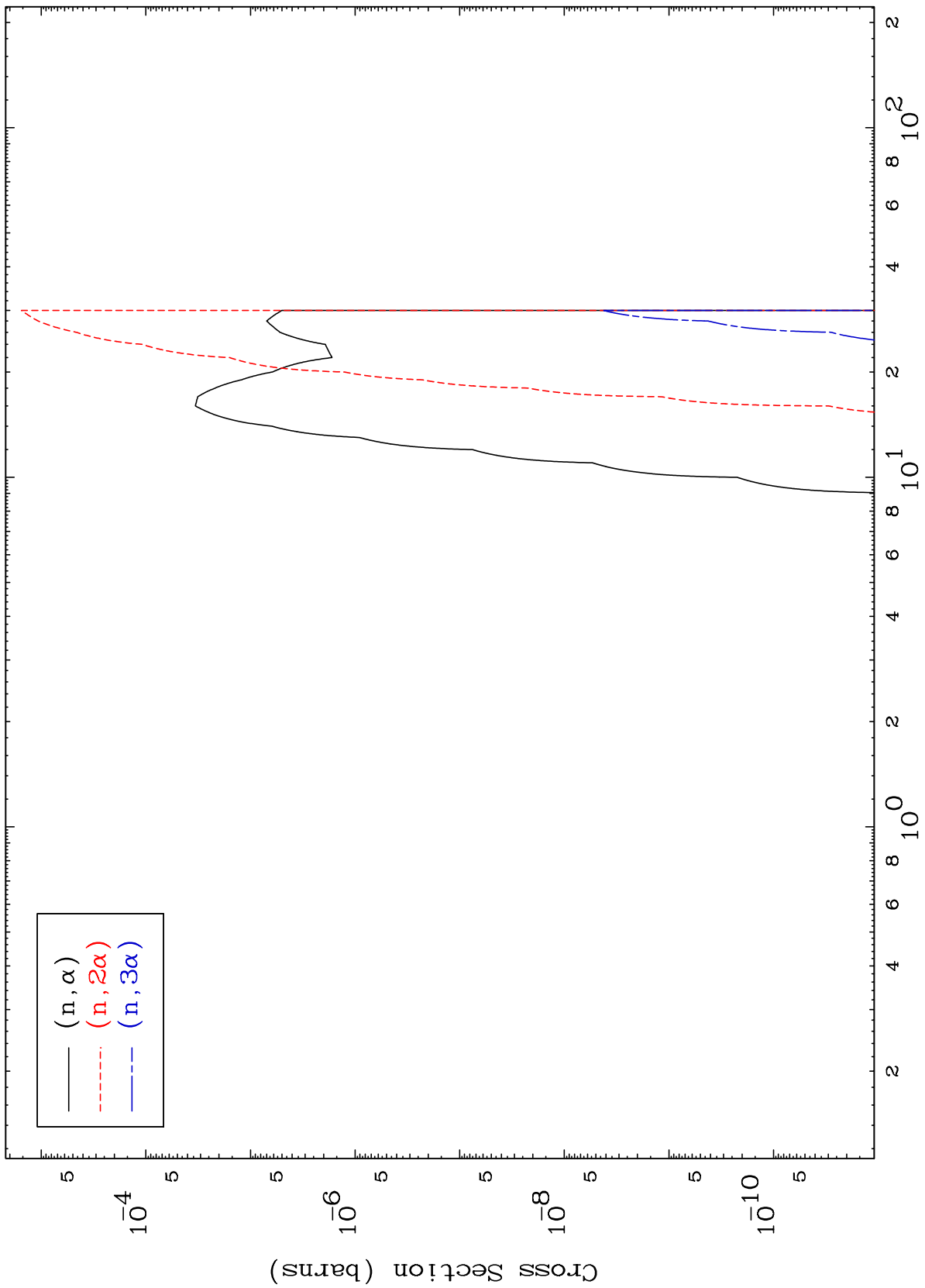
53-I -114m

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(α, α) Levels

53-I -114m

0 Kelvin Cross Sections

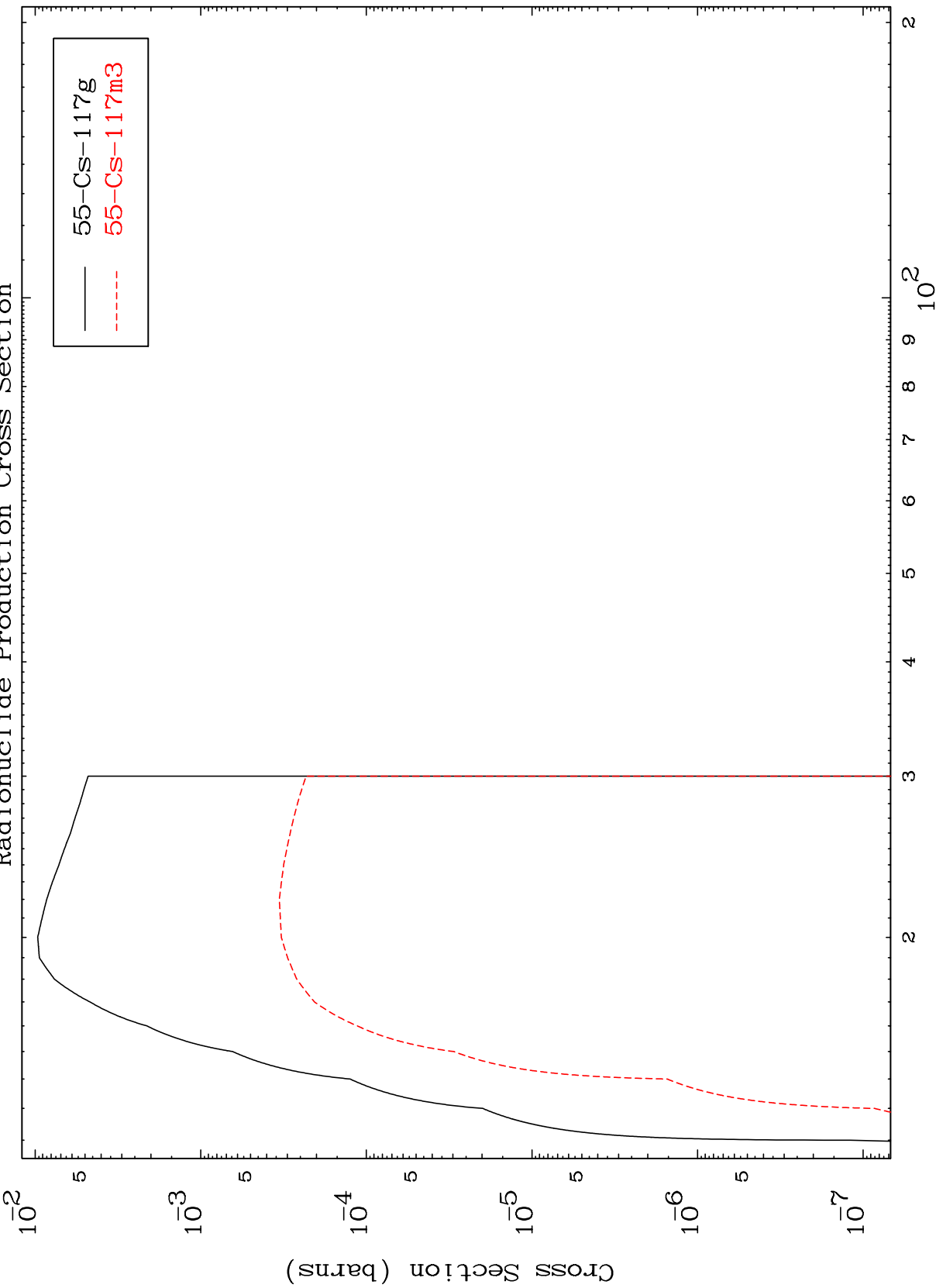


10

Incident Energy (MeV)

53-I -114m

Inelastic
Radionuclide Production Cross Section

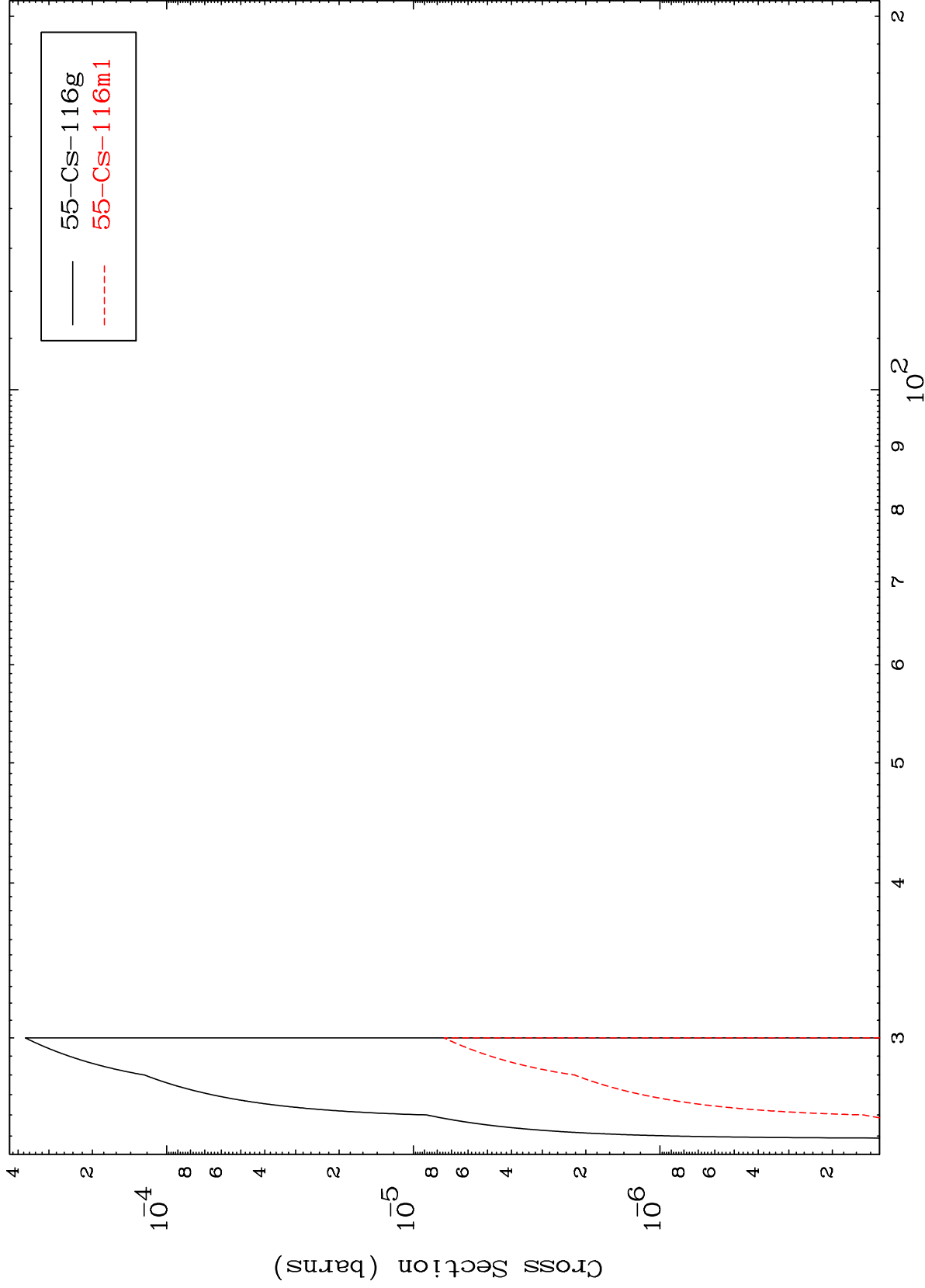


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(n,2n)

53-I -114m

Radionuclide Production Cross Section



12

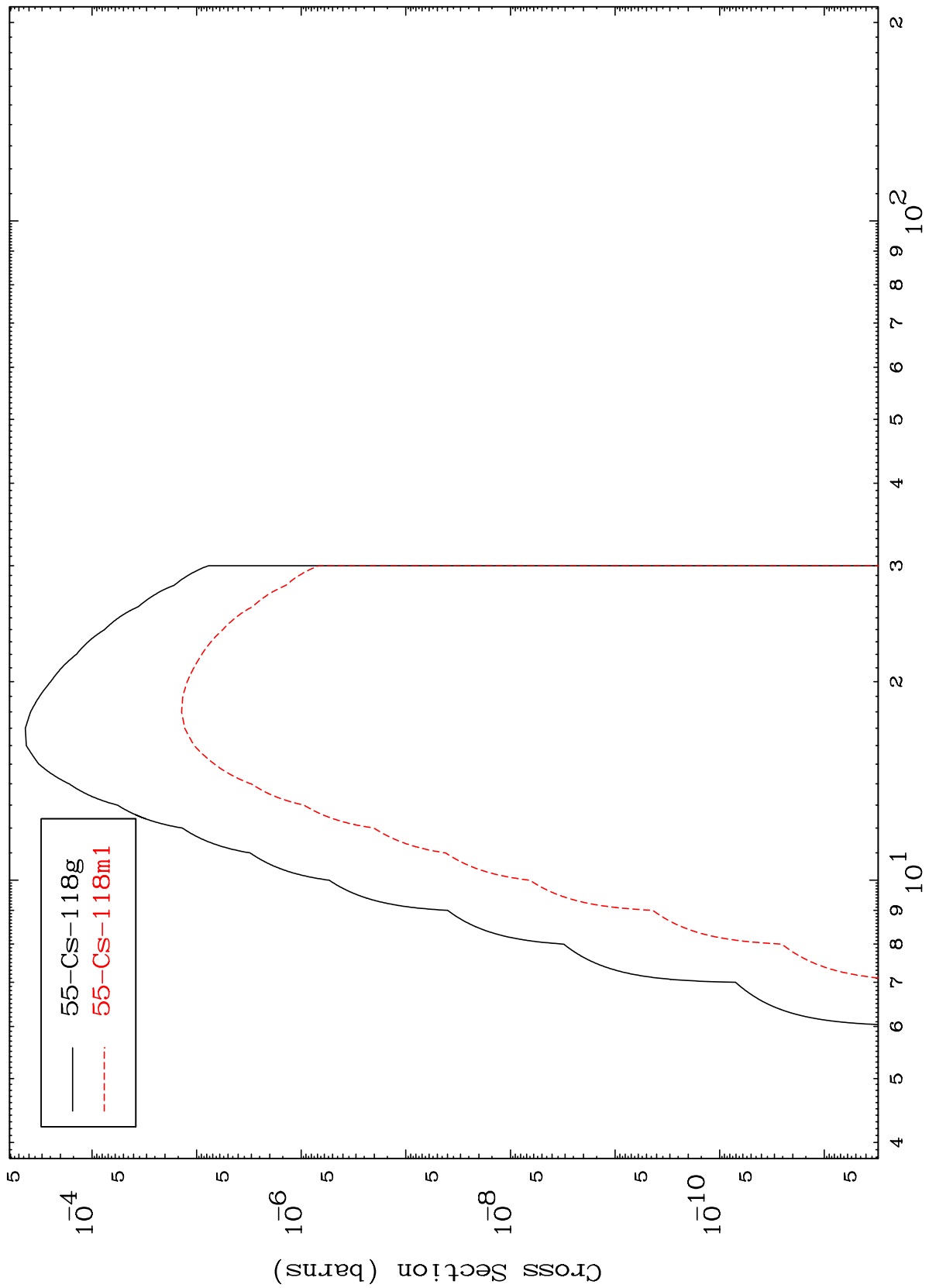
Incident Energy (MeV)

53-I -114m

MAT 5287

53-I -114m

(n,γ)
Radionuclide Production Cross Section



— 55-Cs-118g
- - - 55-Cs-118m1

53-I -114m

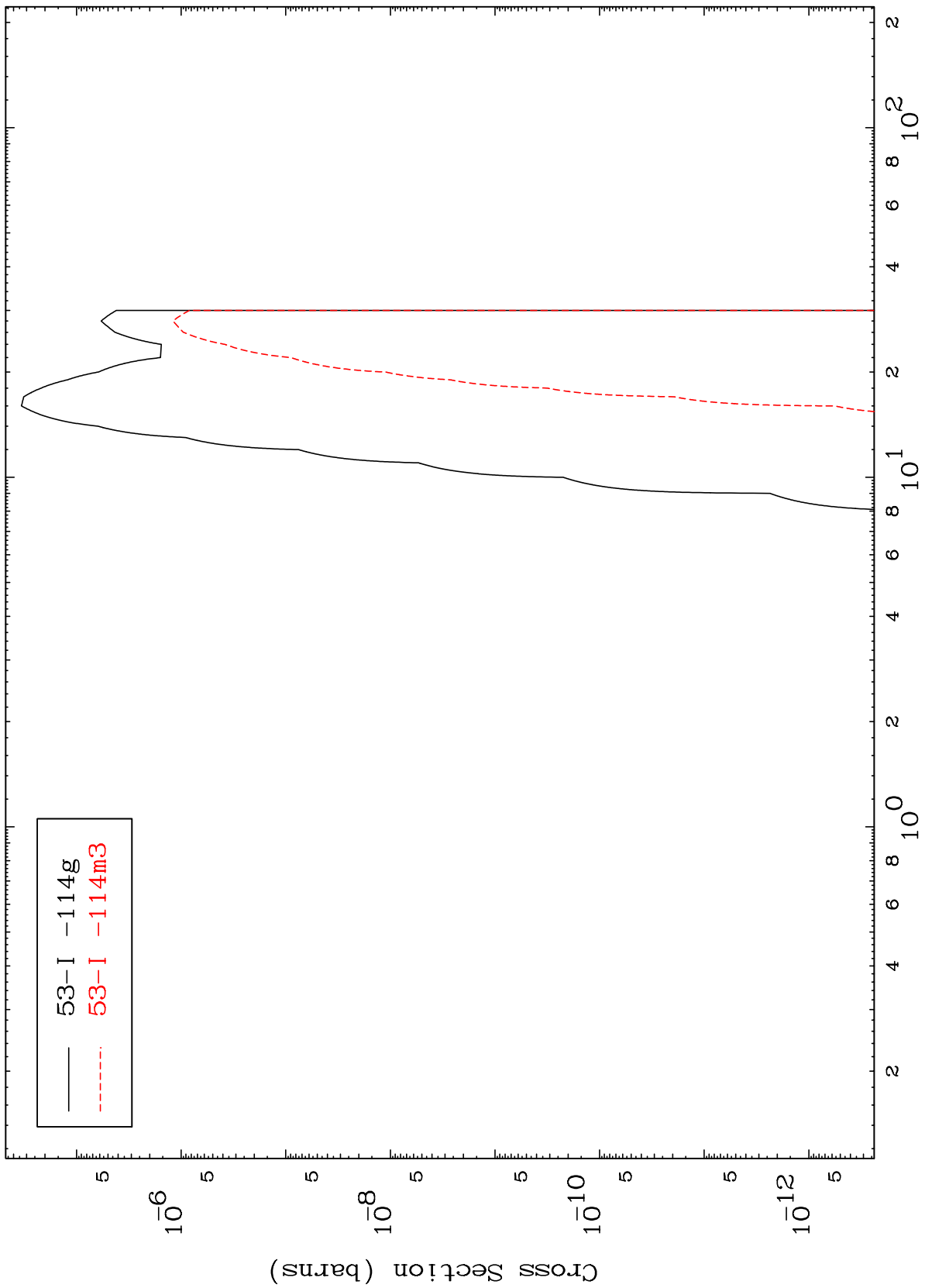
Incident Energy (MeV)

13

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53-I -114m

Radionuclide Production Cross Section



53-I -114m

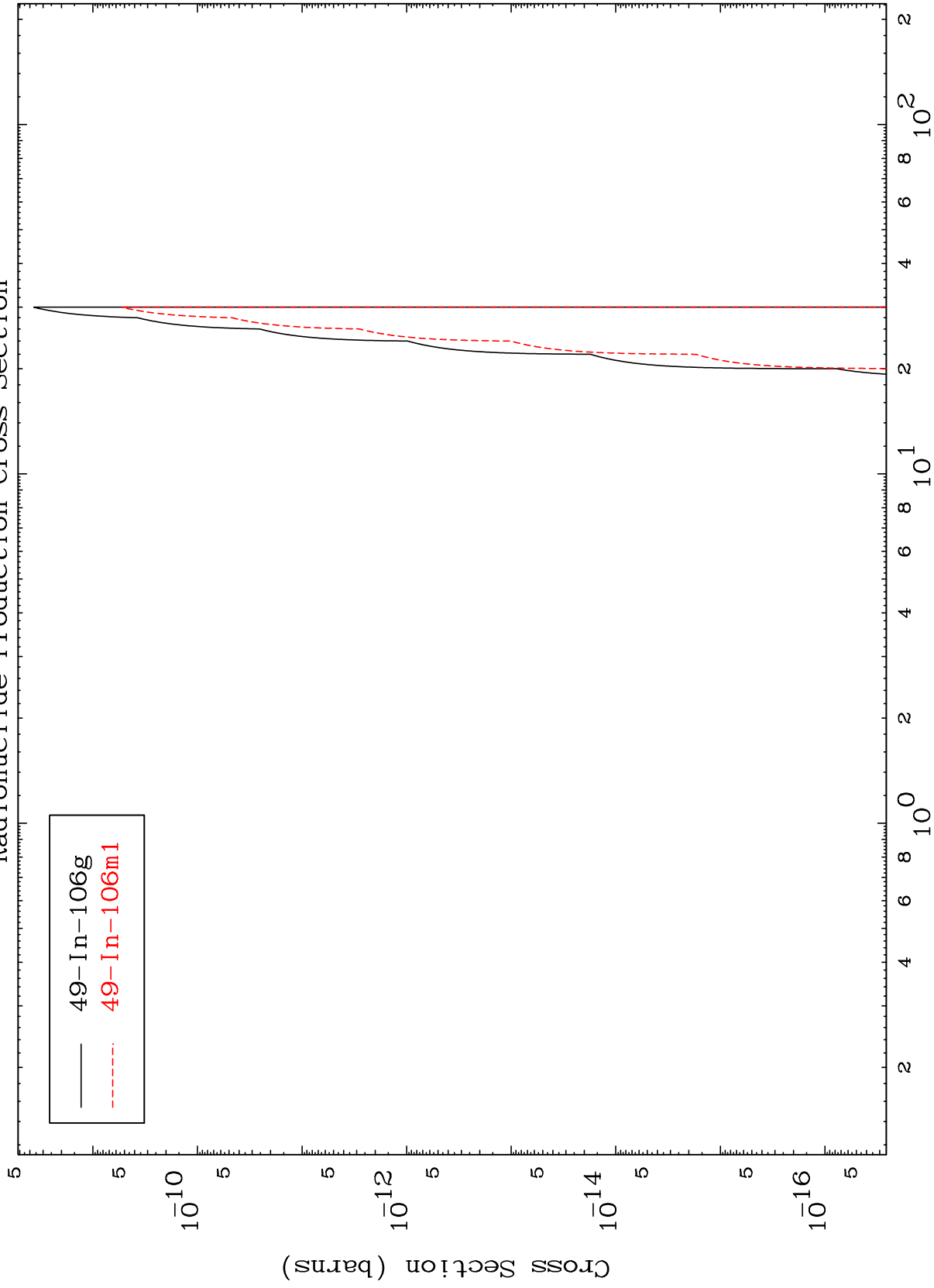
Incident Energy (MeV)

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(n, 3α)

53-I -114m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

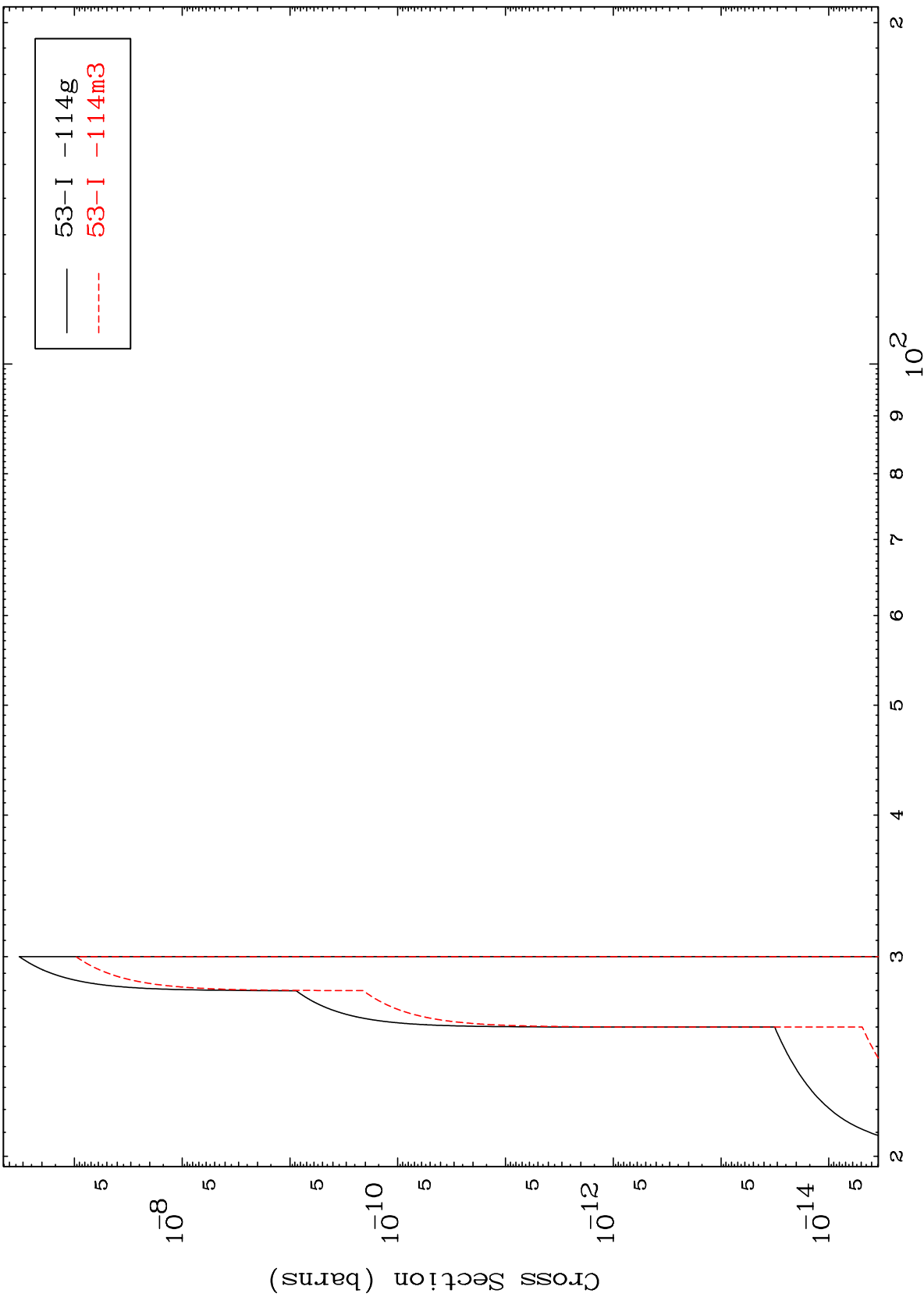
53-I -114m

MAT 5287

(n,p) t

53-I -114m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

53-I -114m