

Program EVALPLOT
(Version 2021-1)

by

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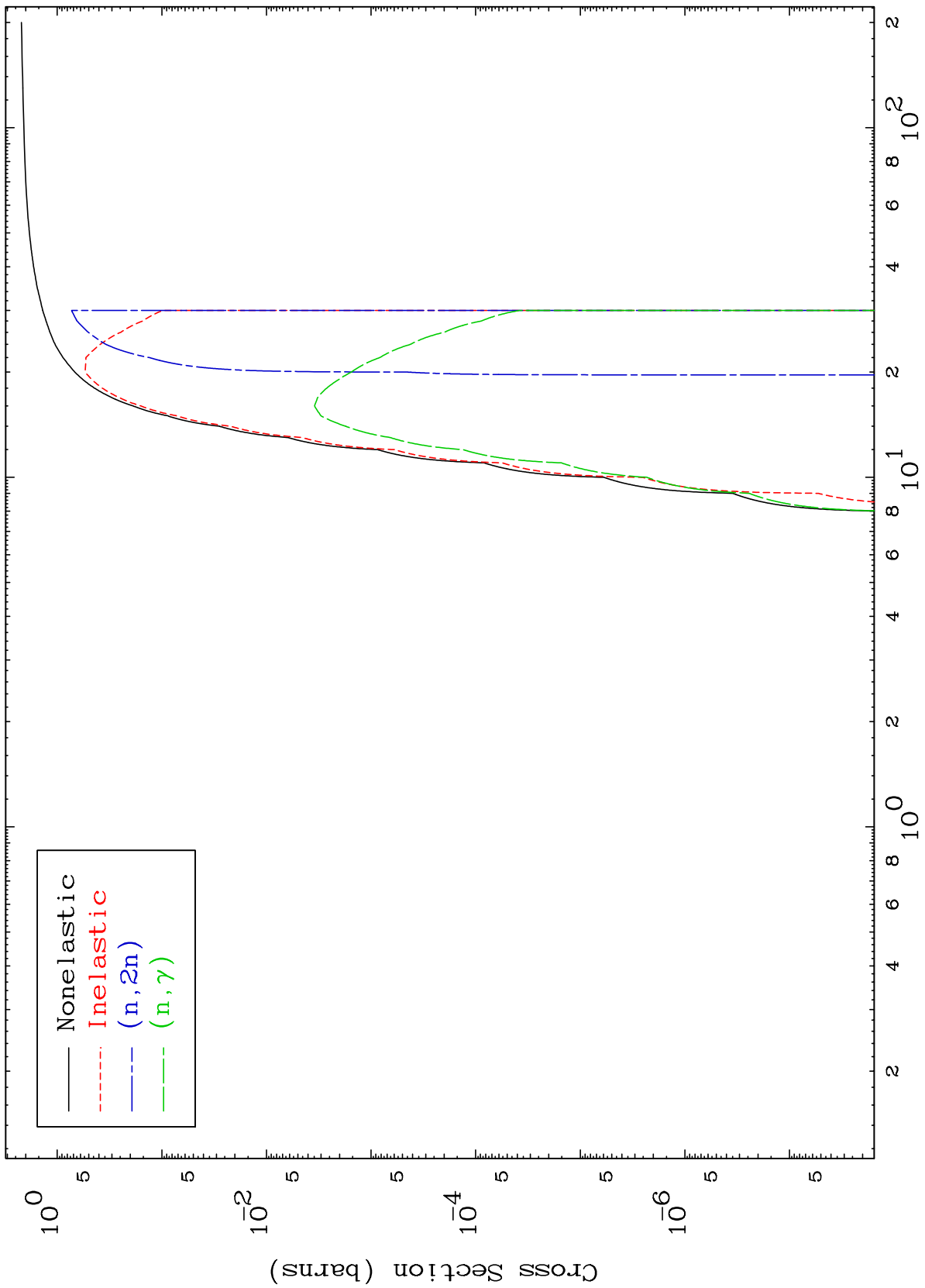
Press Mouse Button to Start

MAT 5305

α Major

53-I -120m

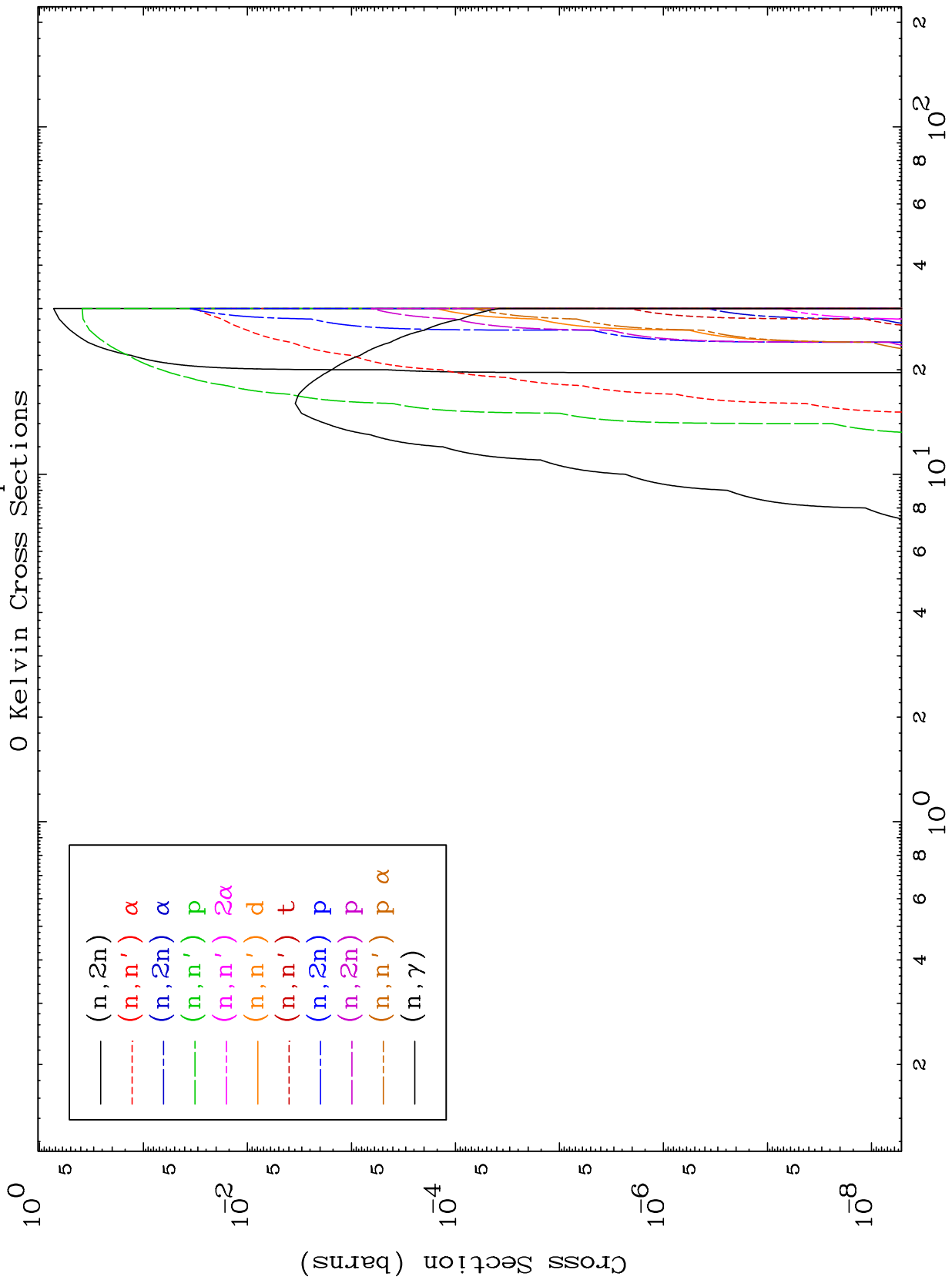
0 Kelvin Cross Sections

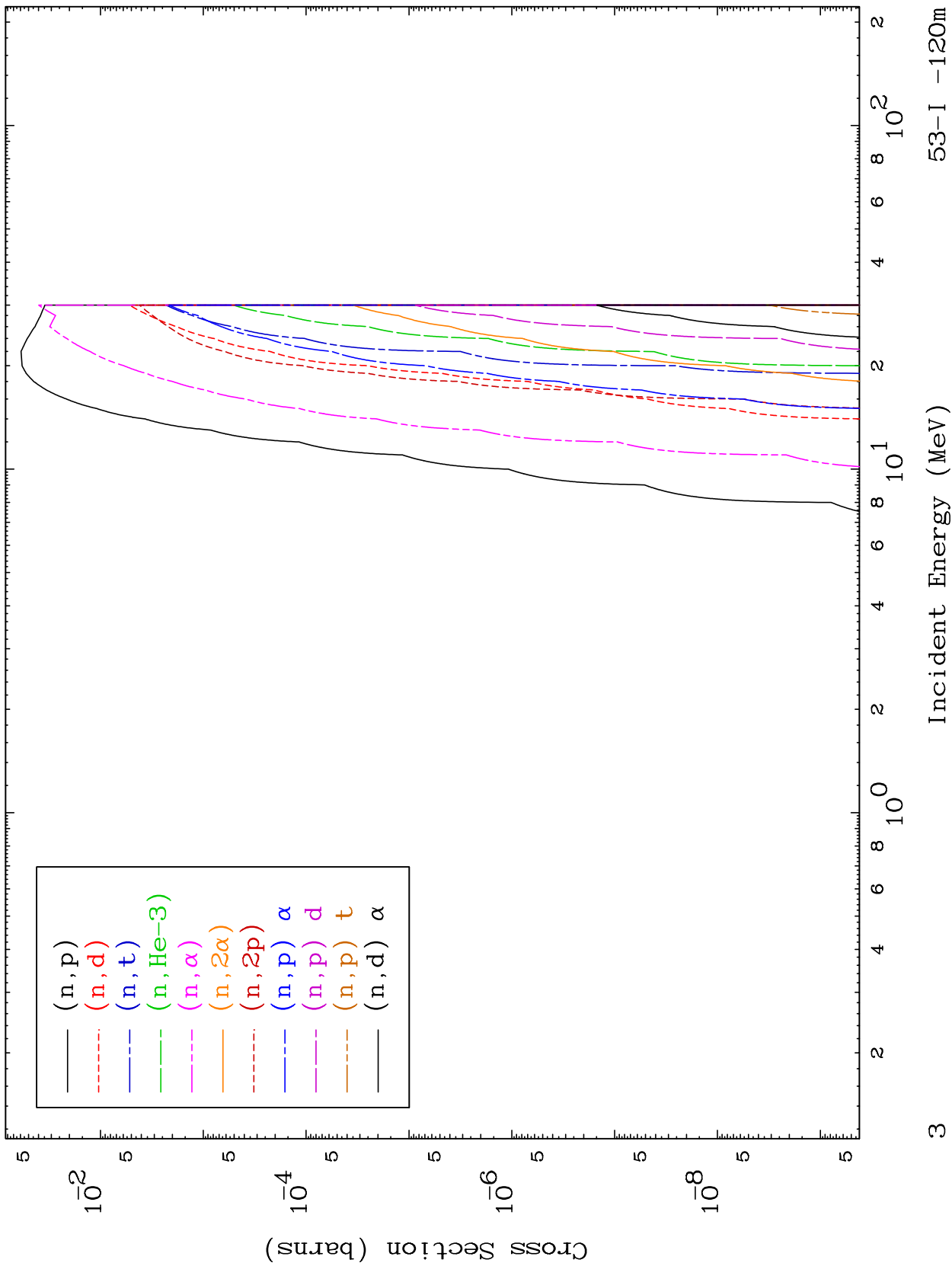


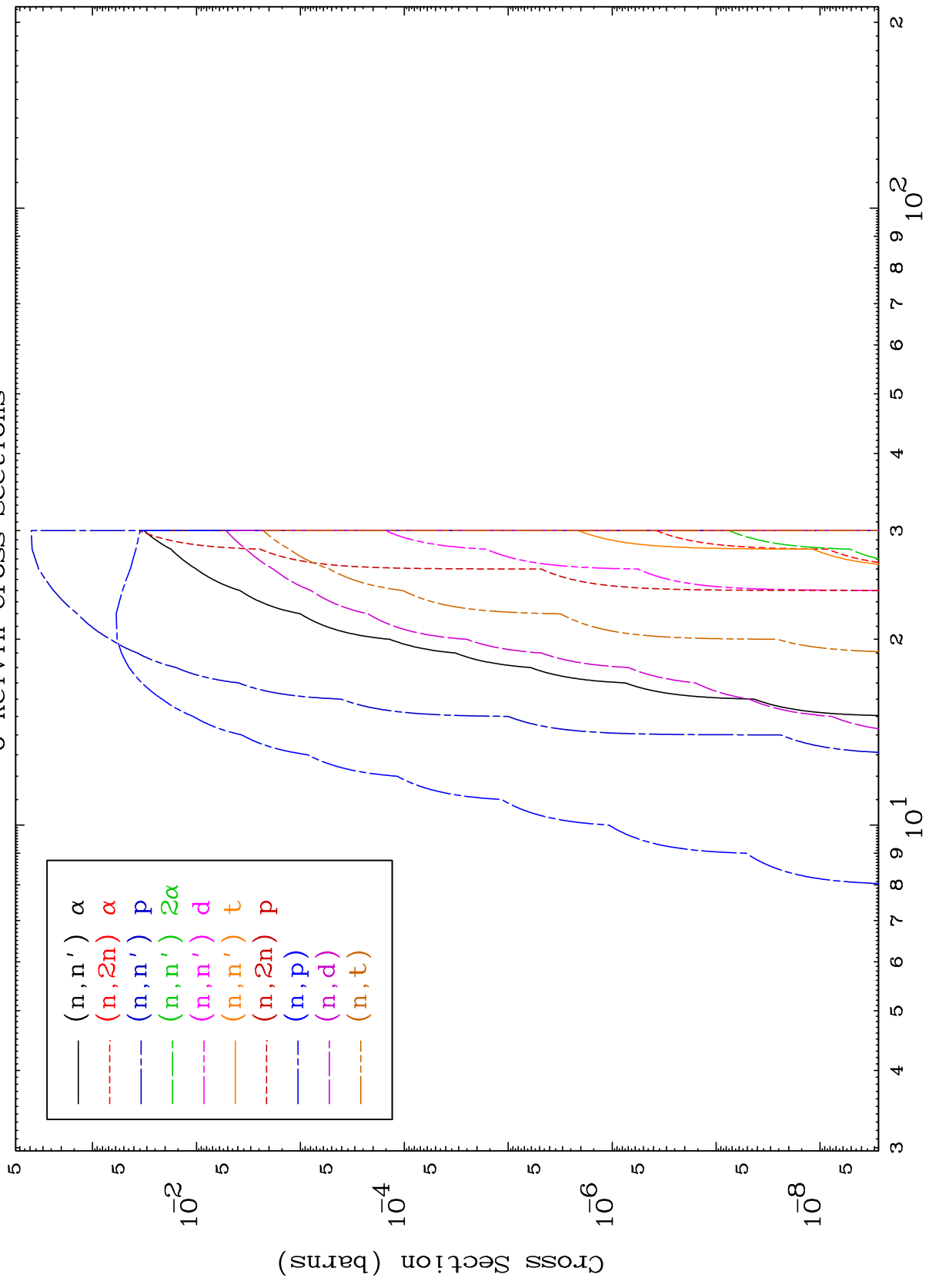
MAT 5305

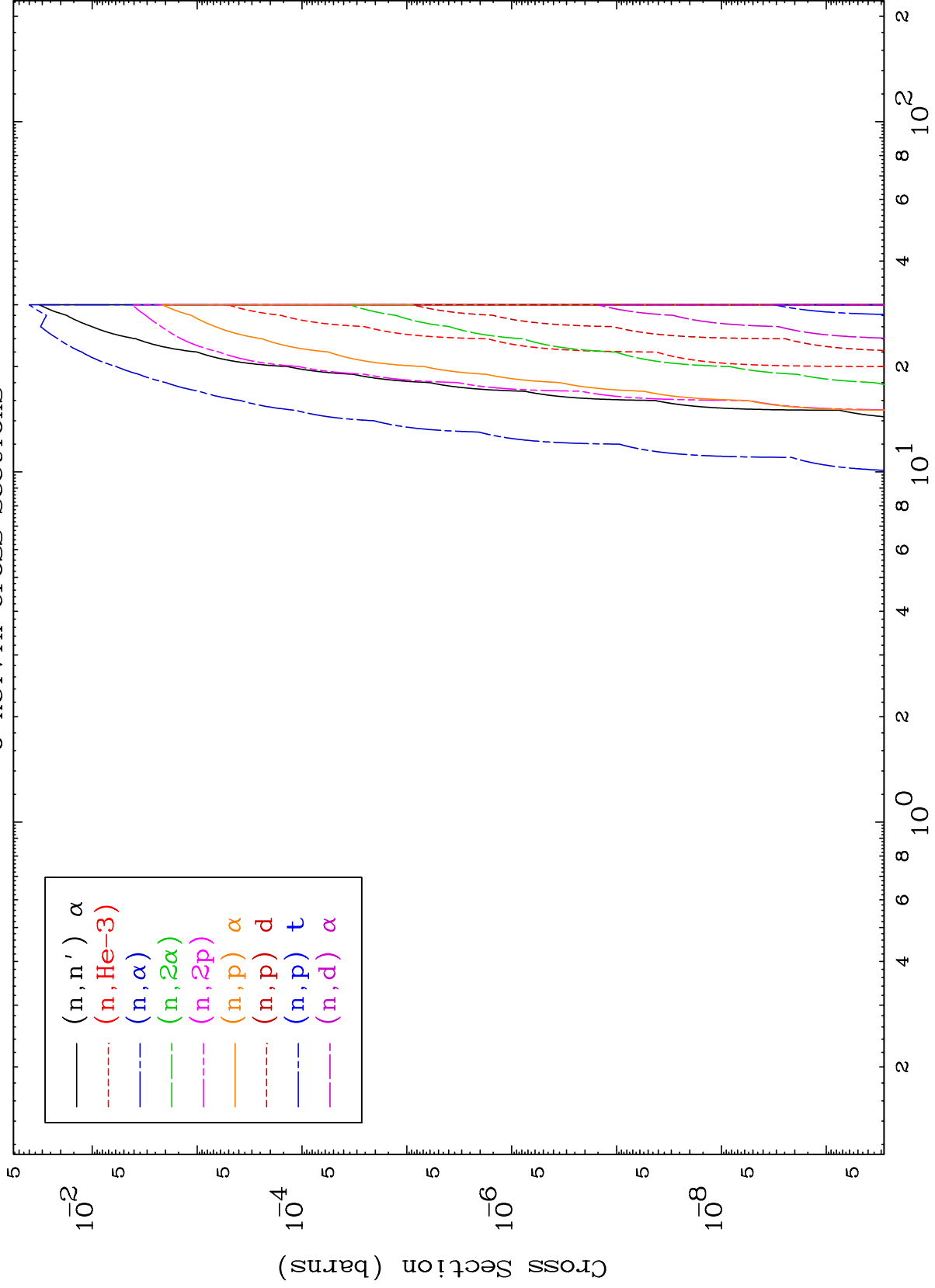
α Neutron Absorption
0 Kelvin Cross Sections

53-I -120m







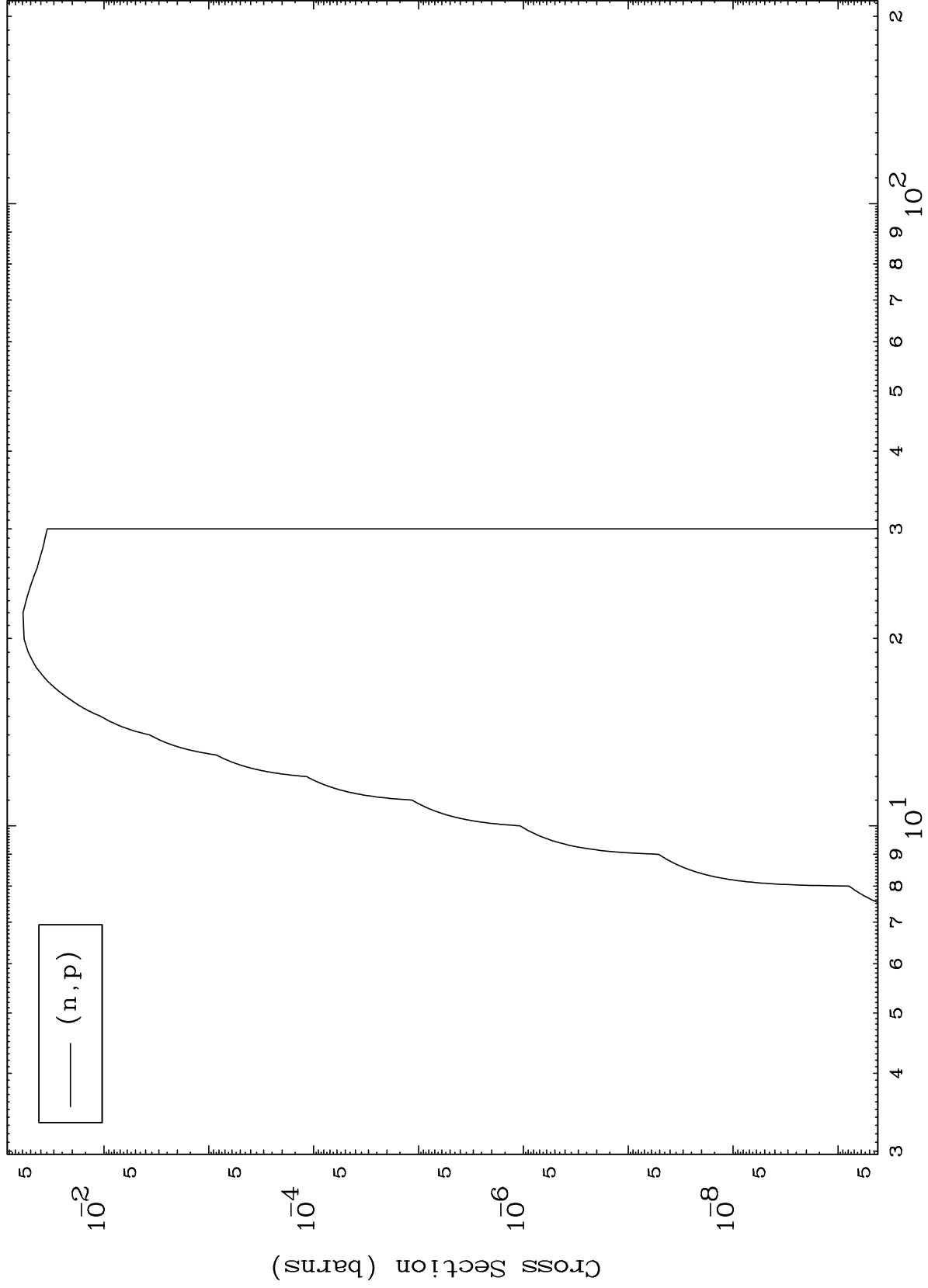


MAT 5305

(α, p) Levels

53-I -120m

0 Kelvin Cross Sections



6

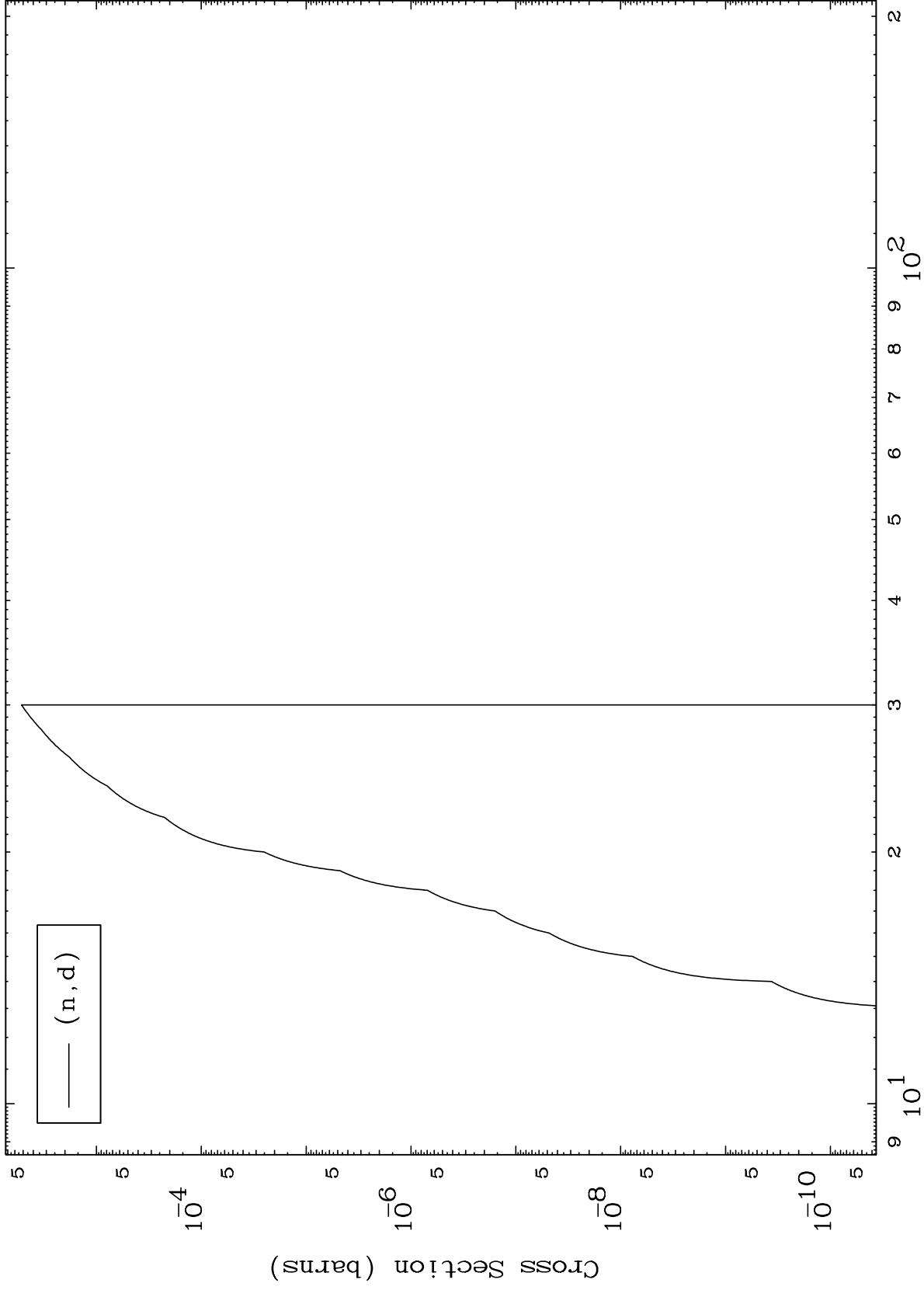
Incident Energy (MeV)

53-I -120m

MAT 5305

(α, d) Levels
0 Kelvin Cross Sections

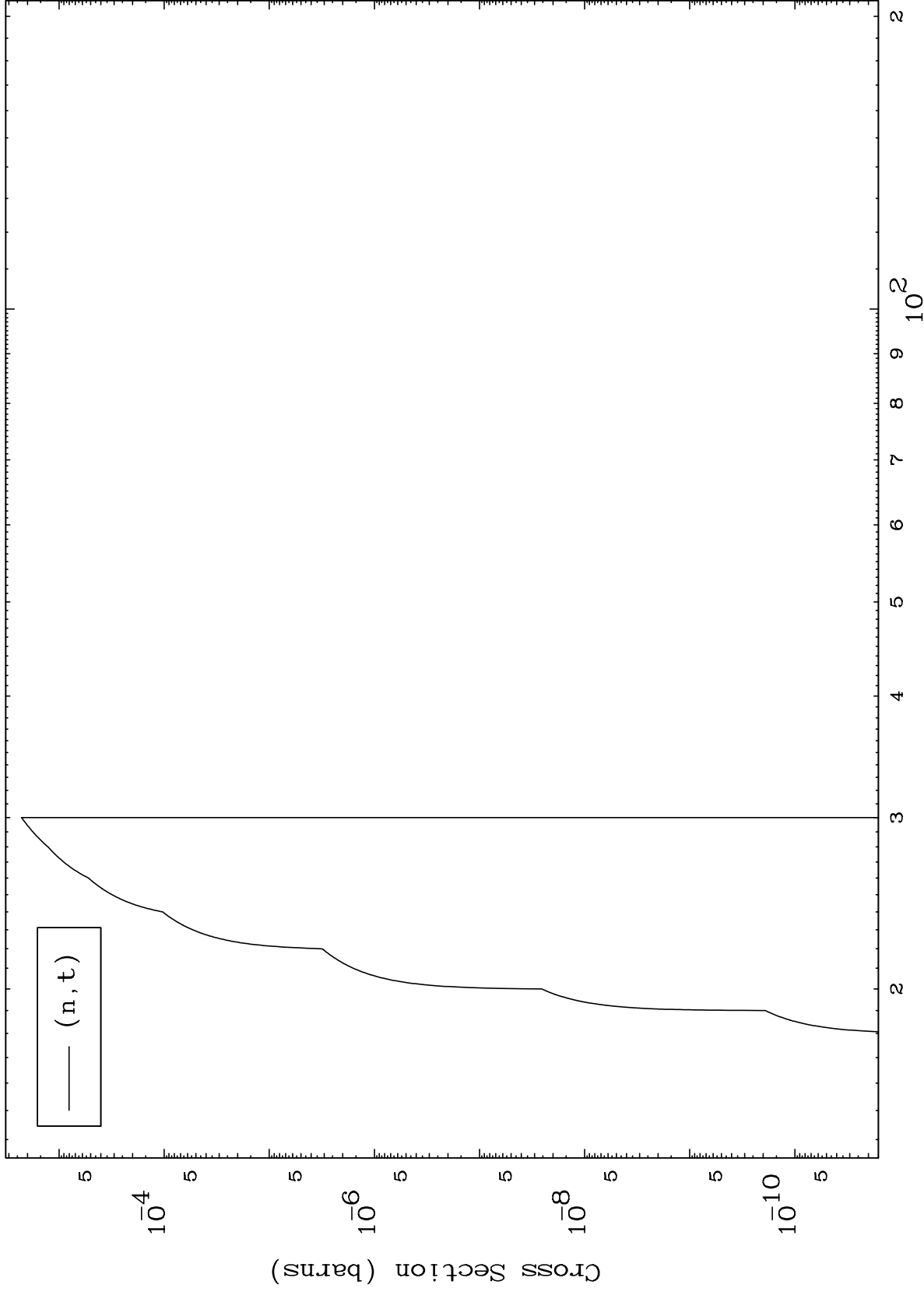
53-I -120m



Incident Energy (MeV)

53-I -120m

7

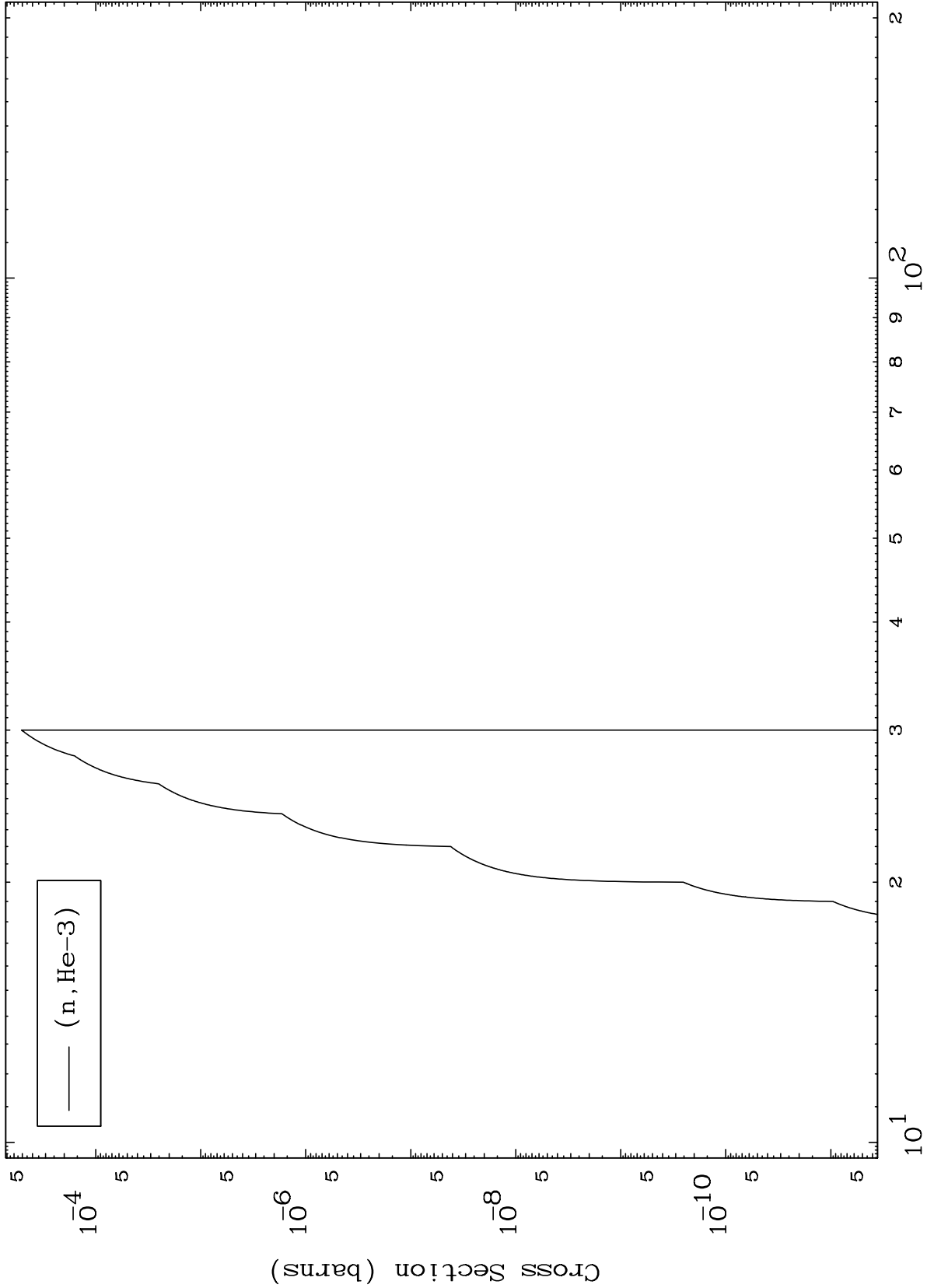


MAT 5305

($\alpha, \text{He}3$) Levels

53-I -120m

0 Kelvin Cross Sections



Incident Energy (MeV)

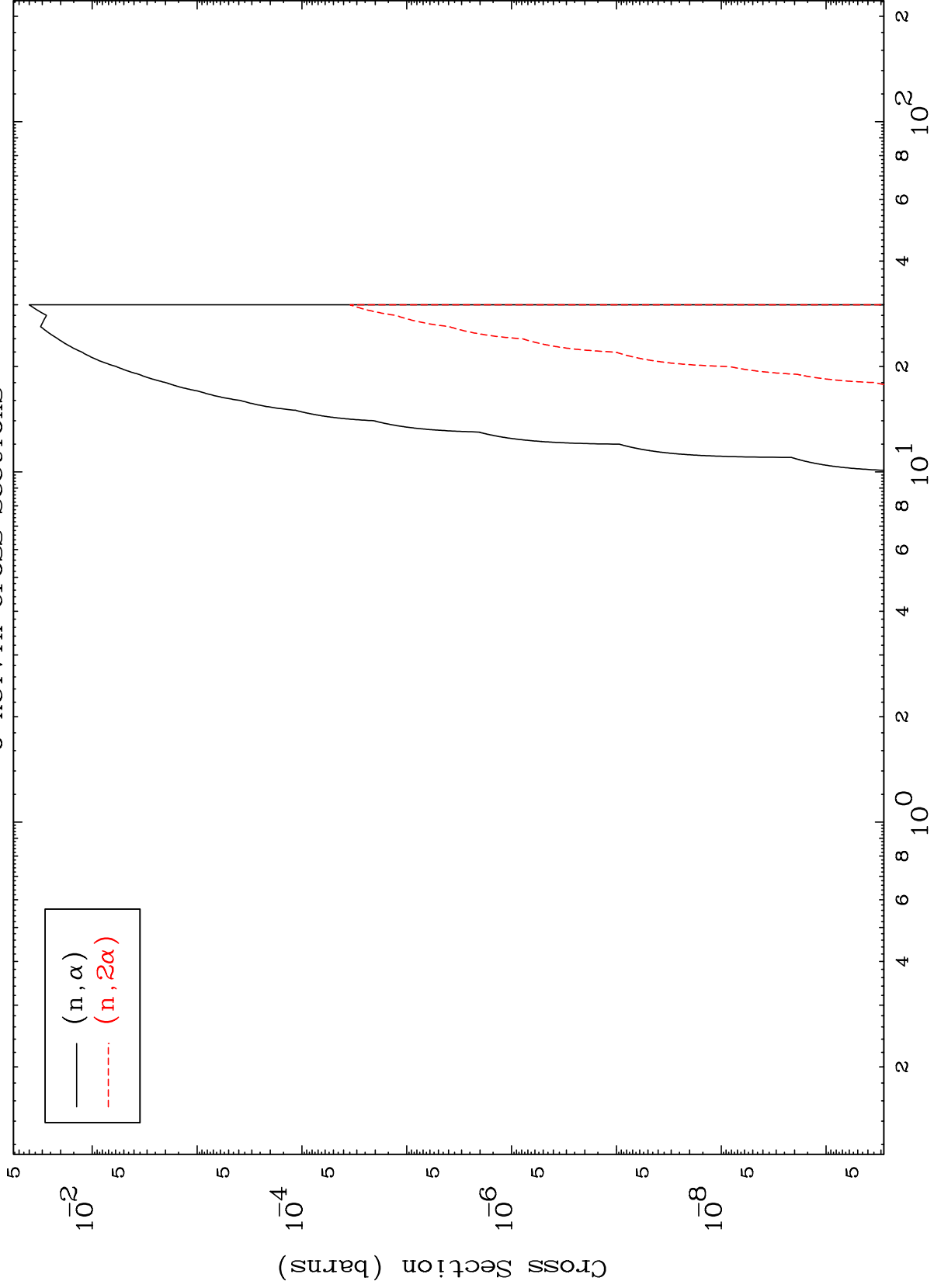
53-I -120m

MAT 5305

(α, α) Levels

53-I -120m

0 Kelvin Cross Sections



10

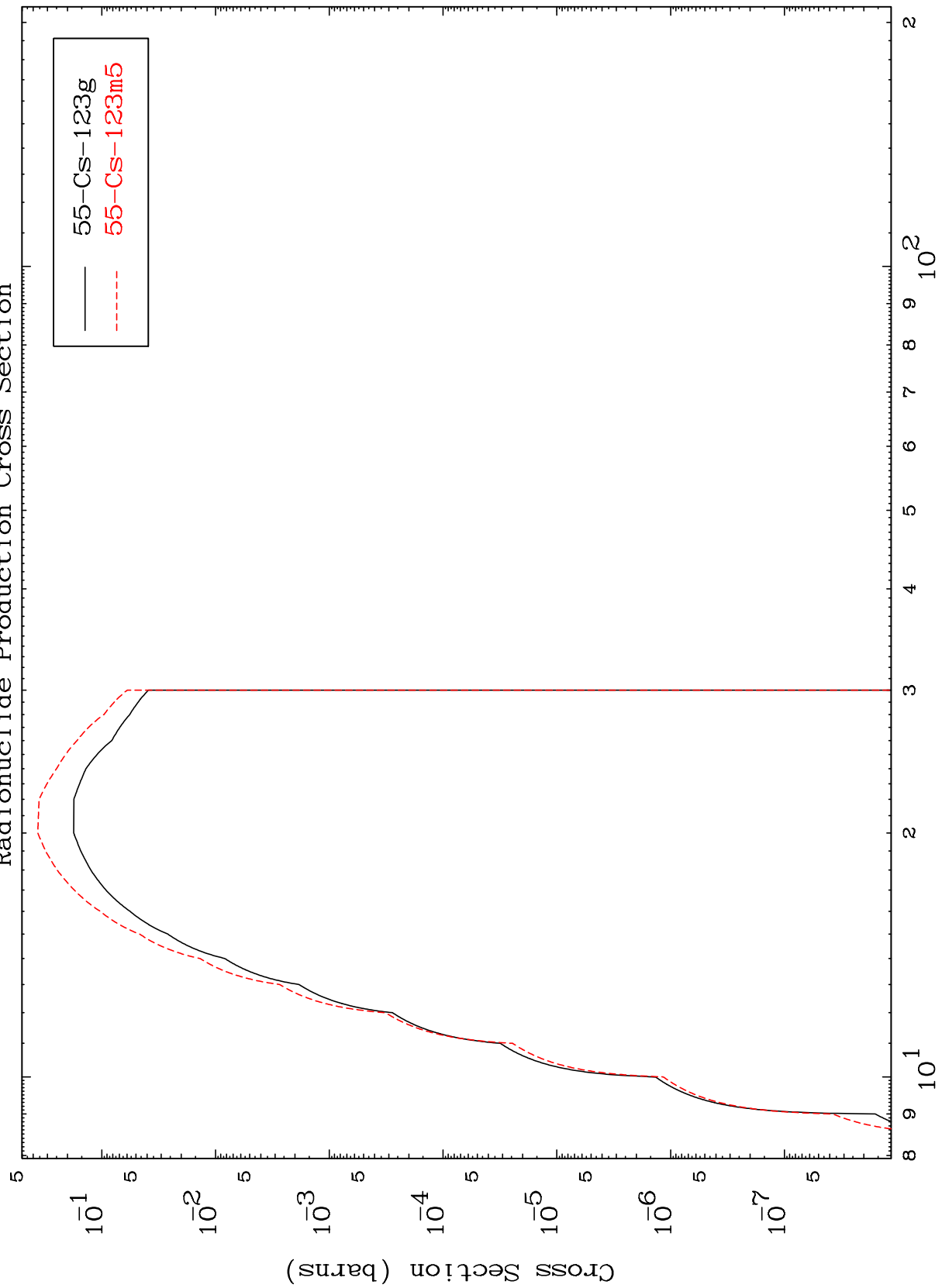
Incident Energy (MeV)

53-I -120m

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53-I -120m

Inelastic Radionuclide Production Cross Section



11

Incident Energy (MeV)

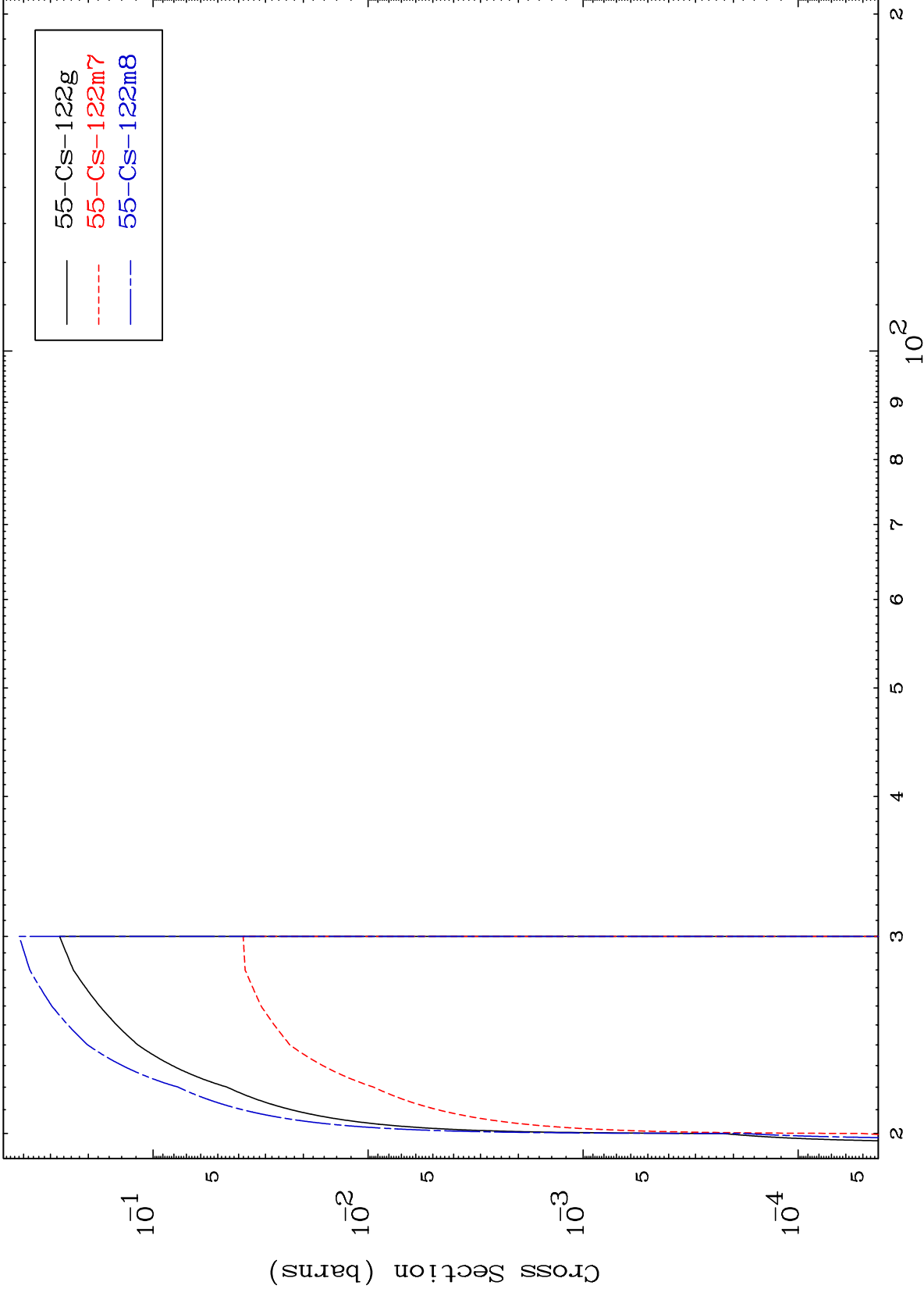
53-I -120m

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(n,2n)

53-I -120m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

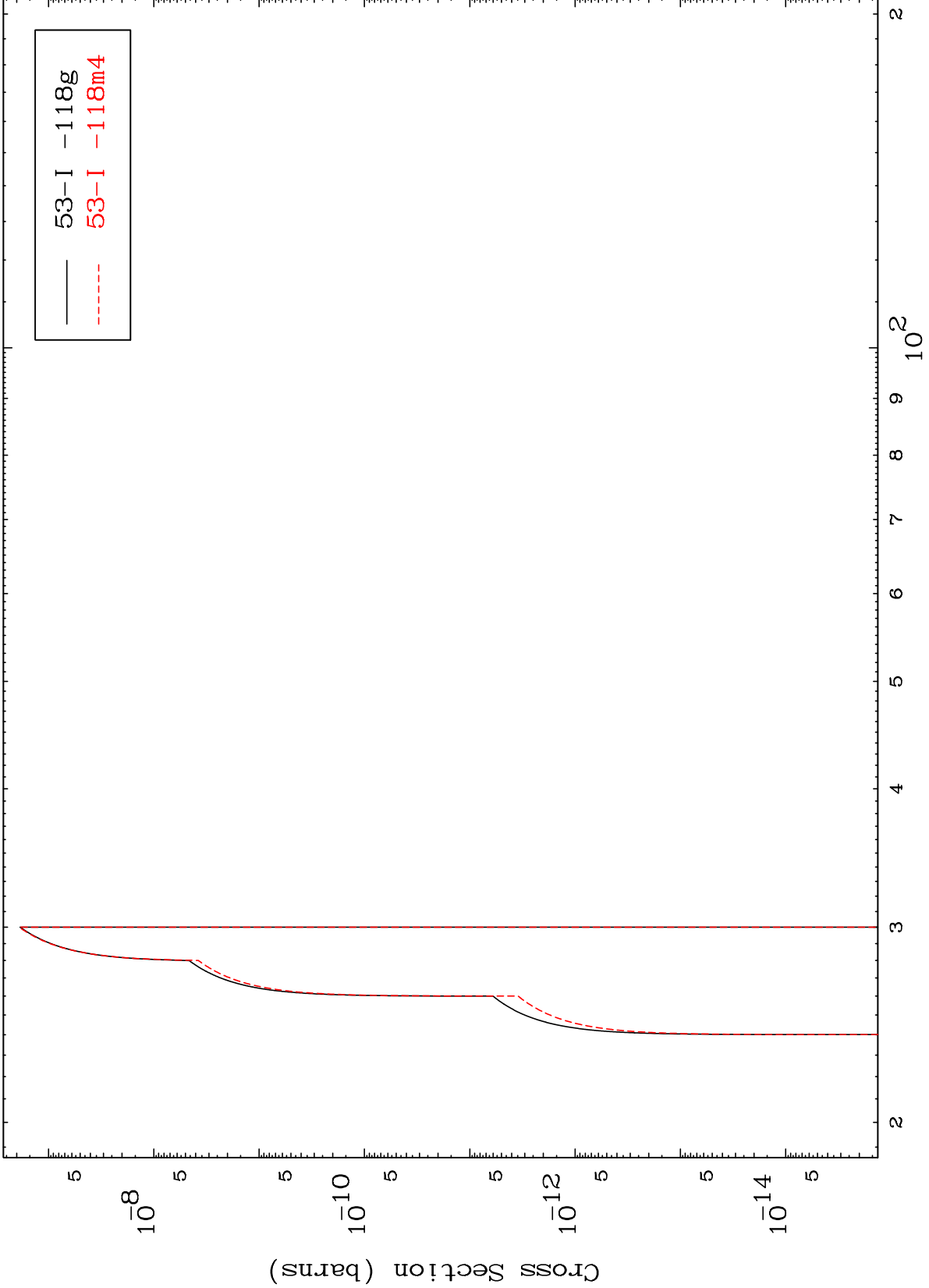
53-I -120m

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(n,2n) α

53-I -120m

Radionuclide Production Cross Section



13

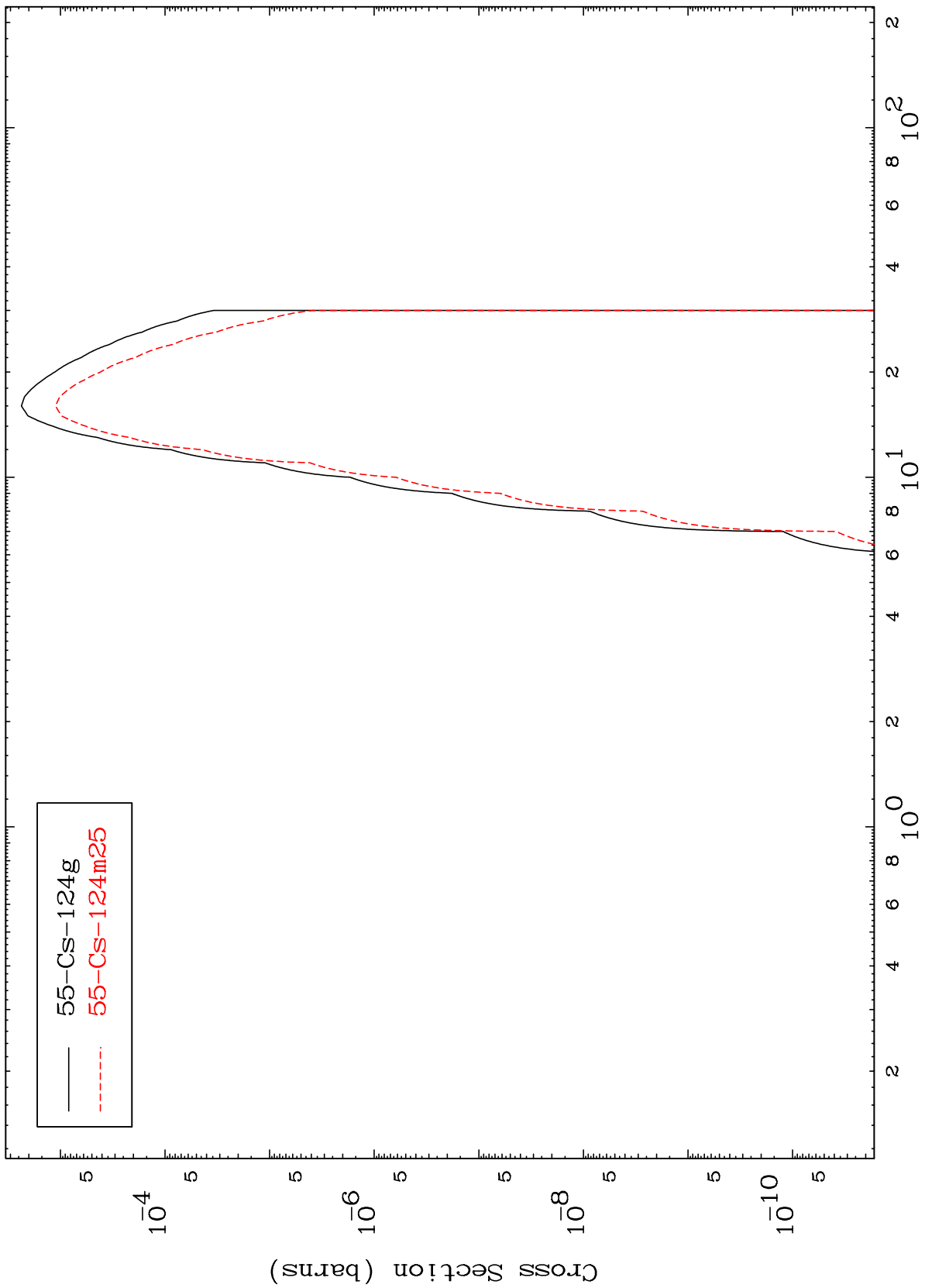
Incident Energy (MeV)

53-I -120m

MAT 5305

53-I -120m

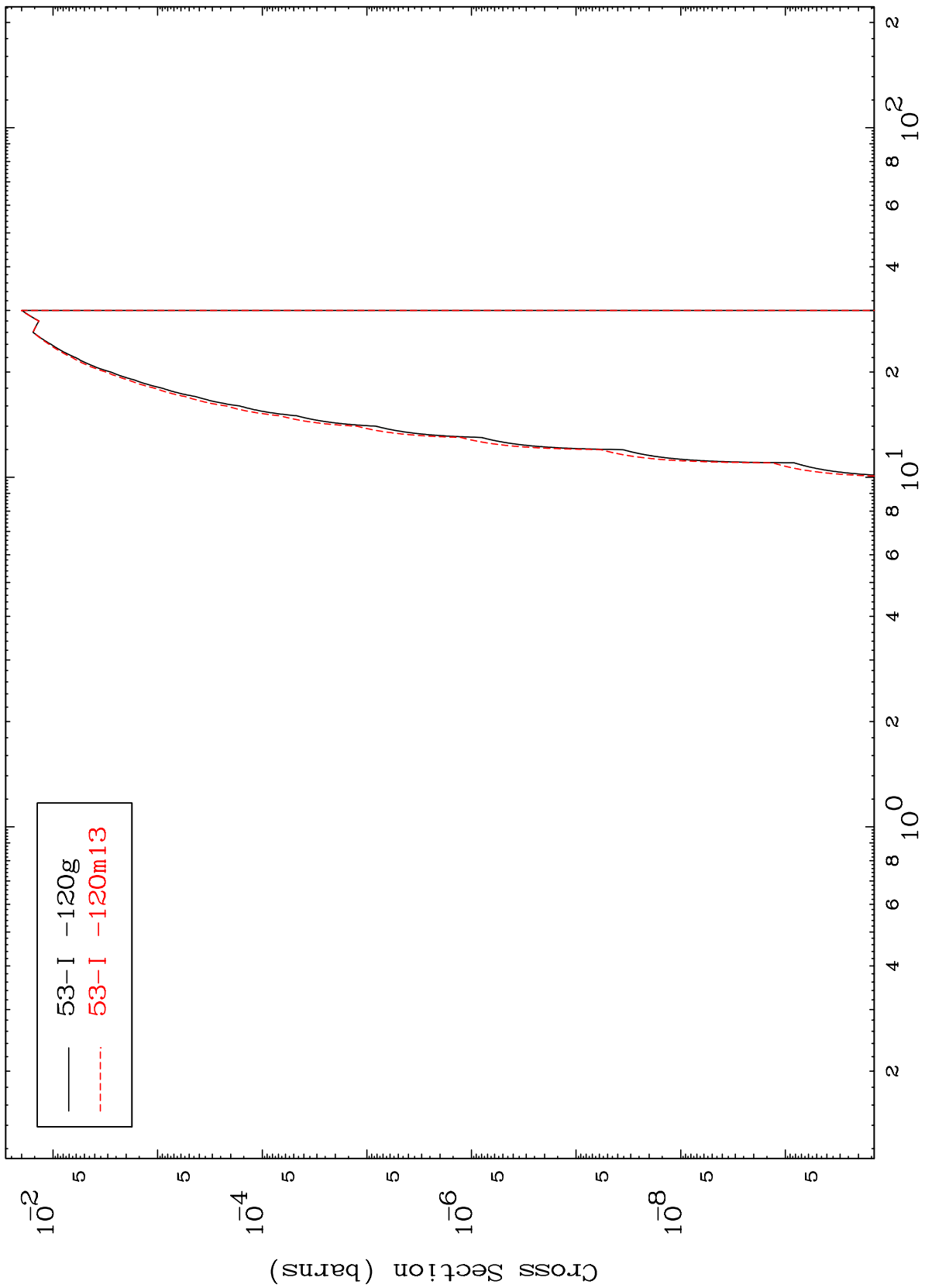
Radionuclide Production Cross Section



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53-I -120m

Radionuclide Production Cross Section

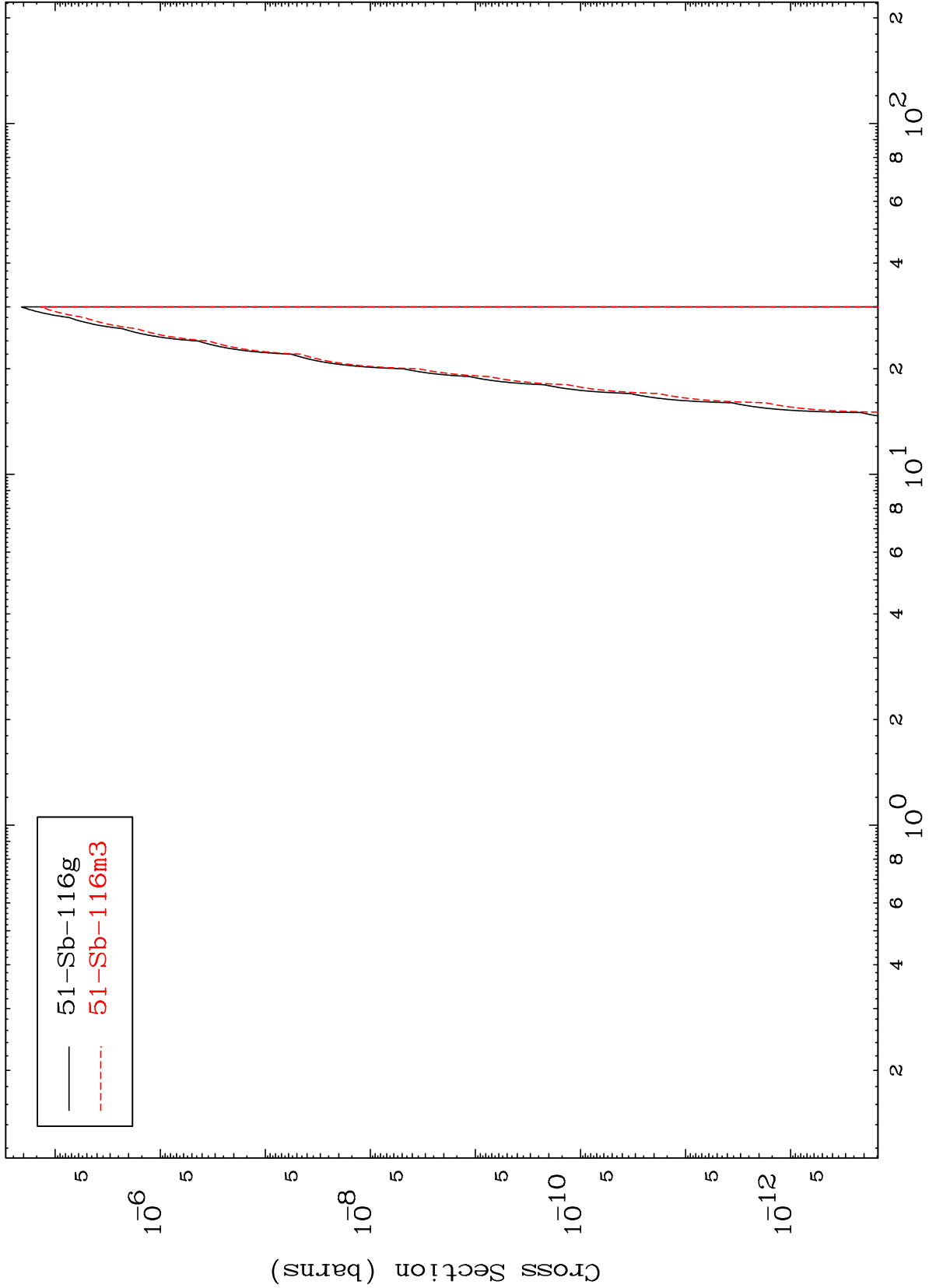


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(n,2α)

53-I -120m

Radionuclide Production Cross Section

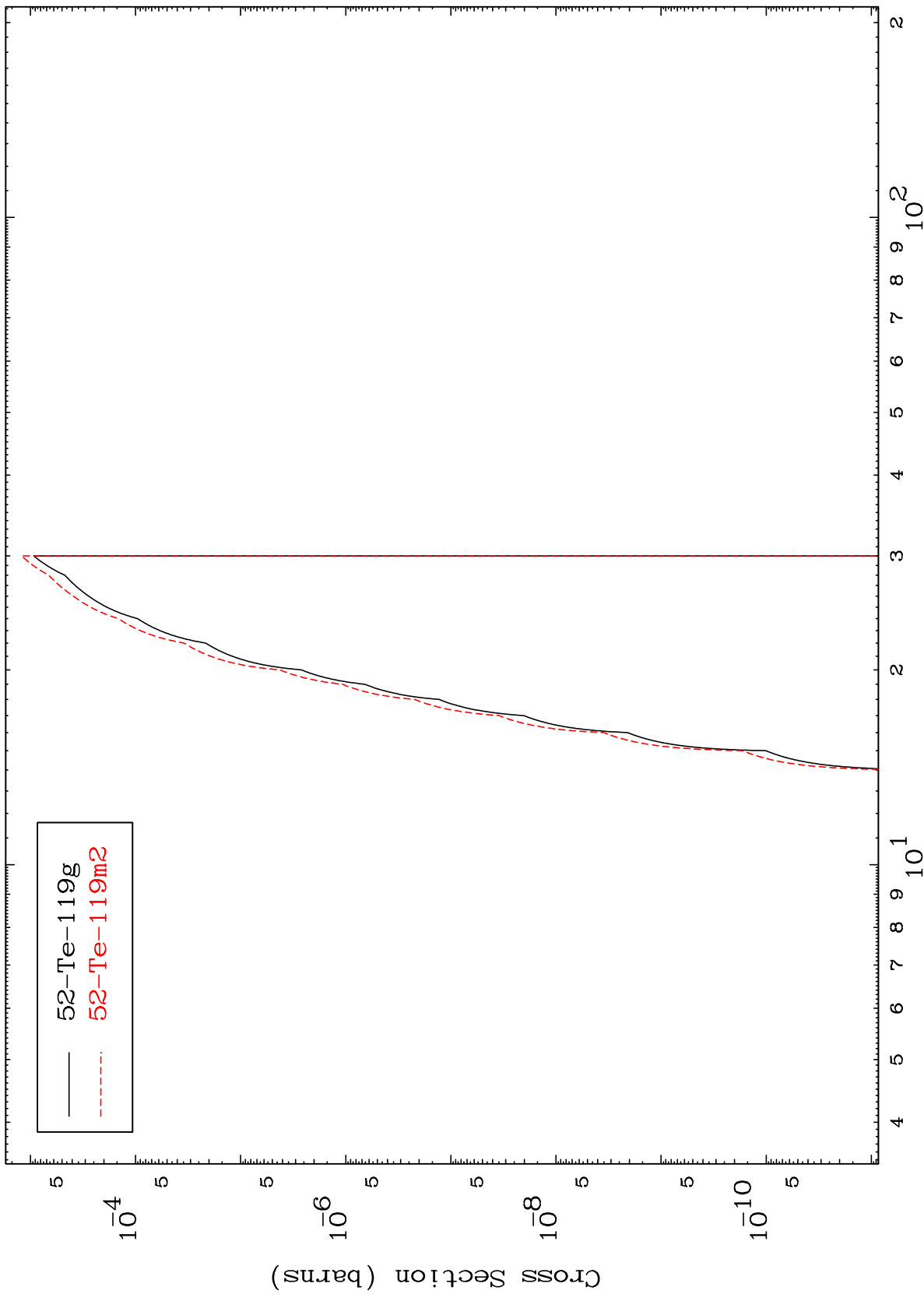


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(n,p) α

53-I -120m

Radionuclide Production Cross Section



— 52-Te-119g
- - - 52-Te-119m2

17

Incident Energy (MeV)

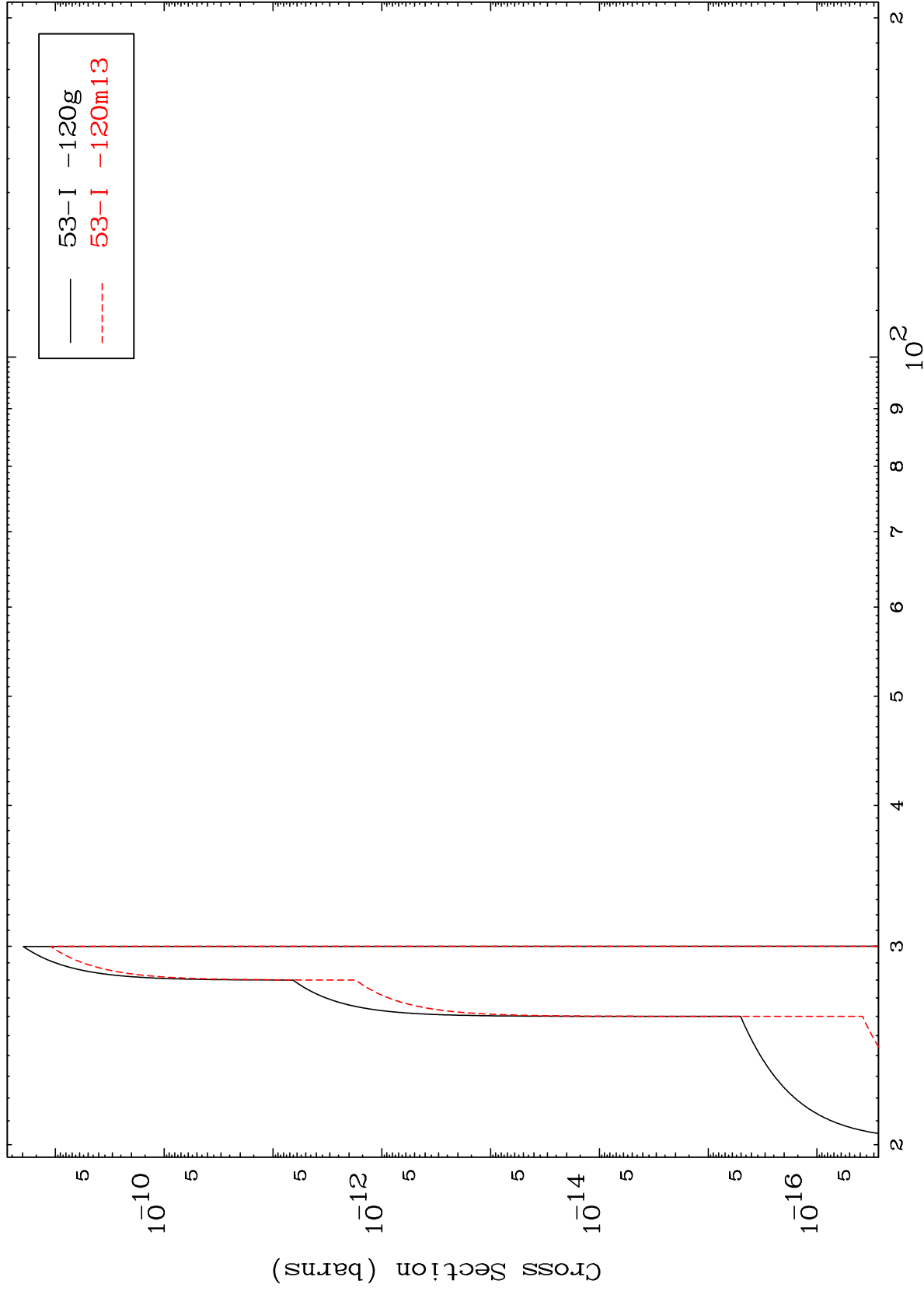
53-I -120m

MAT 5305

(n,p) t

53-I -120m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

53-I -120m