

Program EVALPLOT
(Version 2021-1)

by

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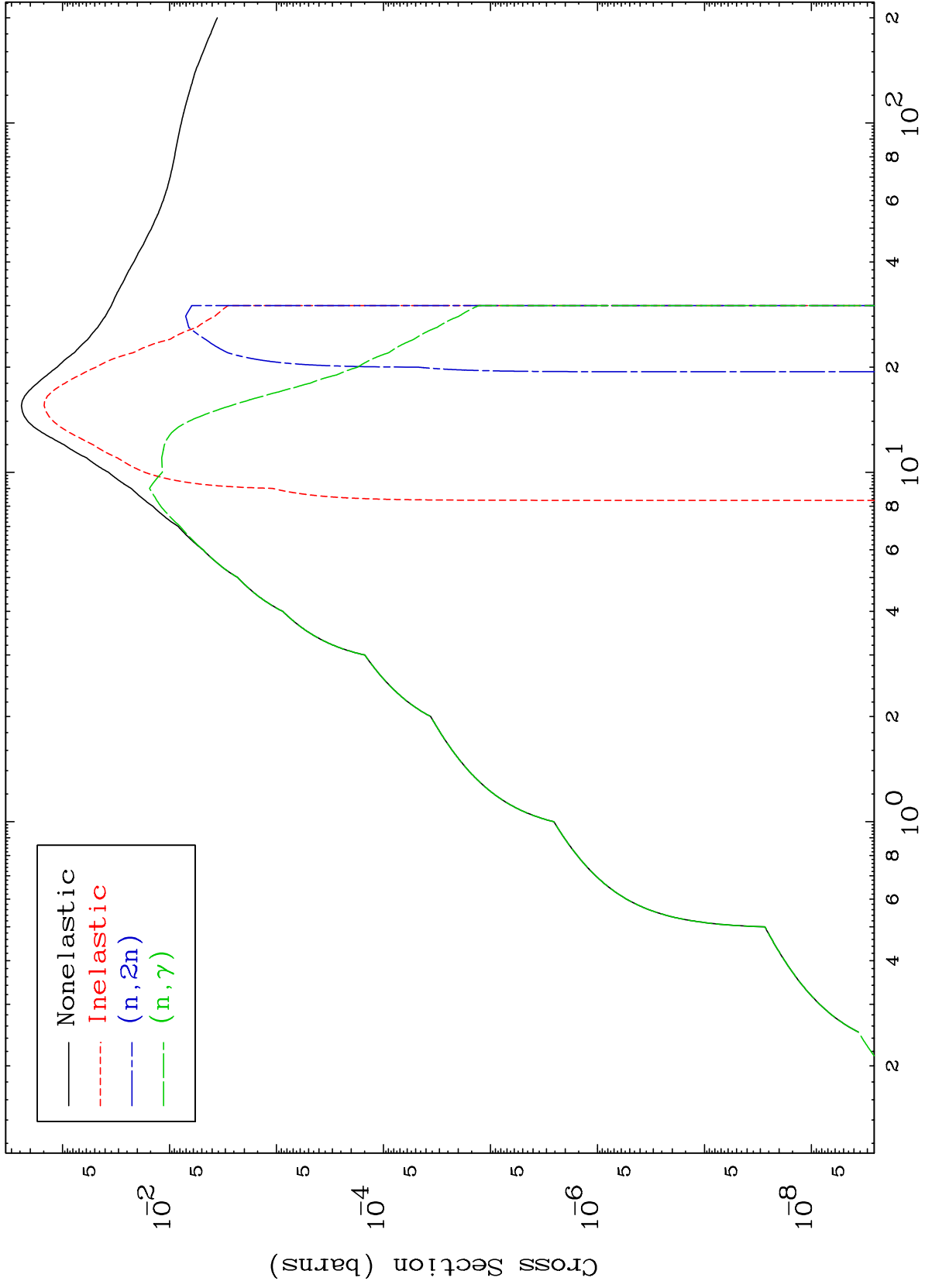
Press Mouse Button to Start

MAT 5299

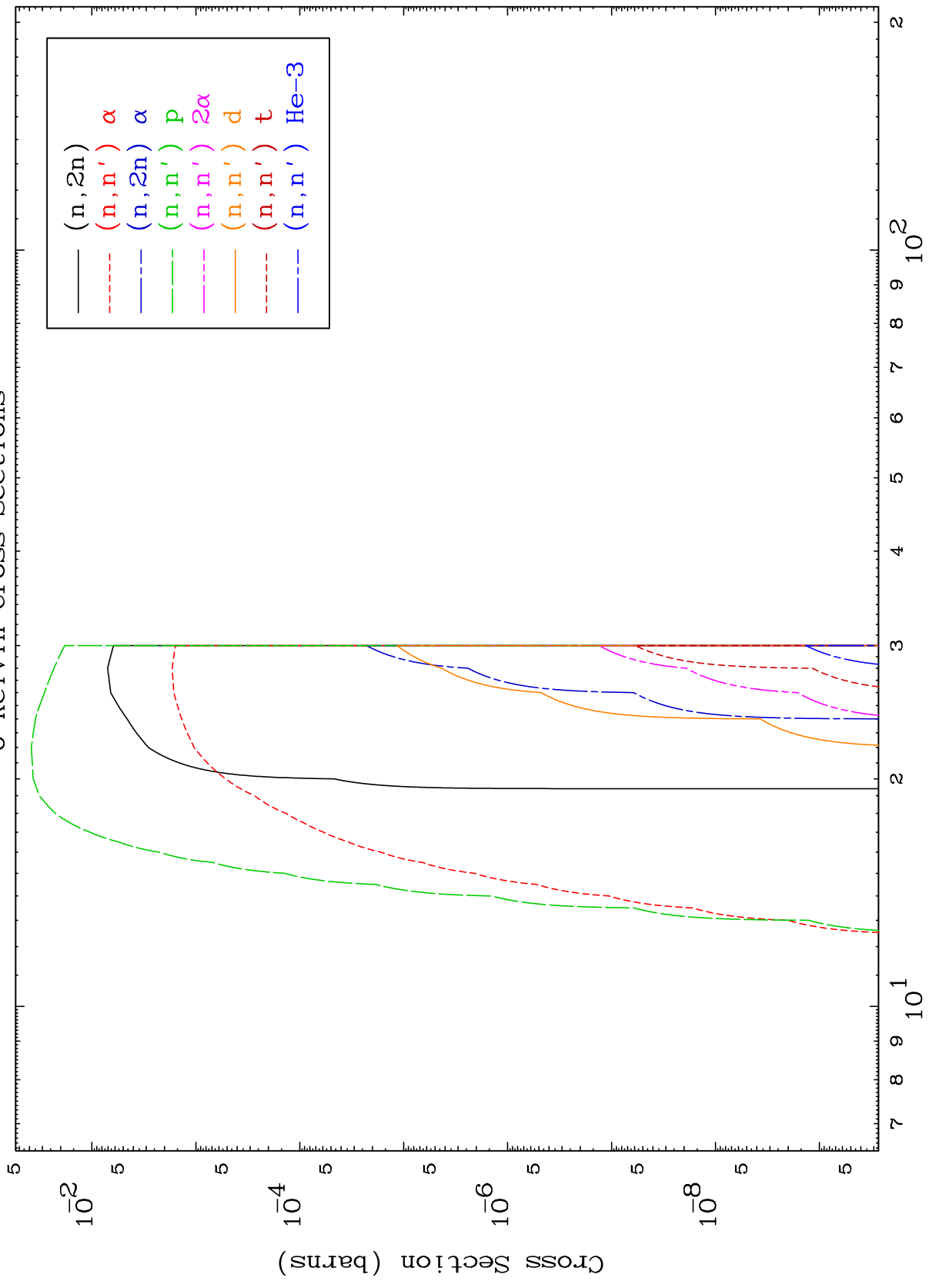
Photon Major

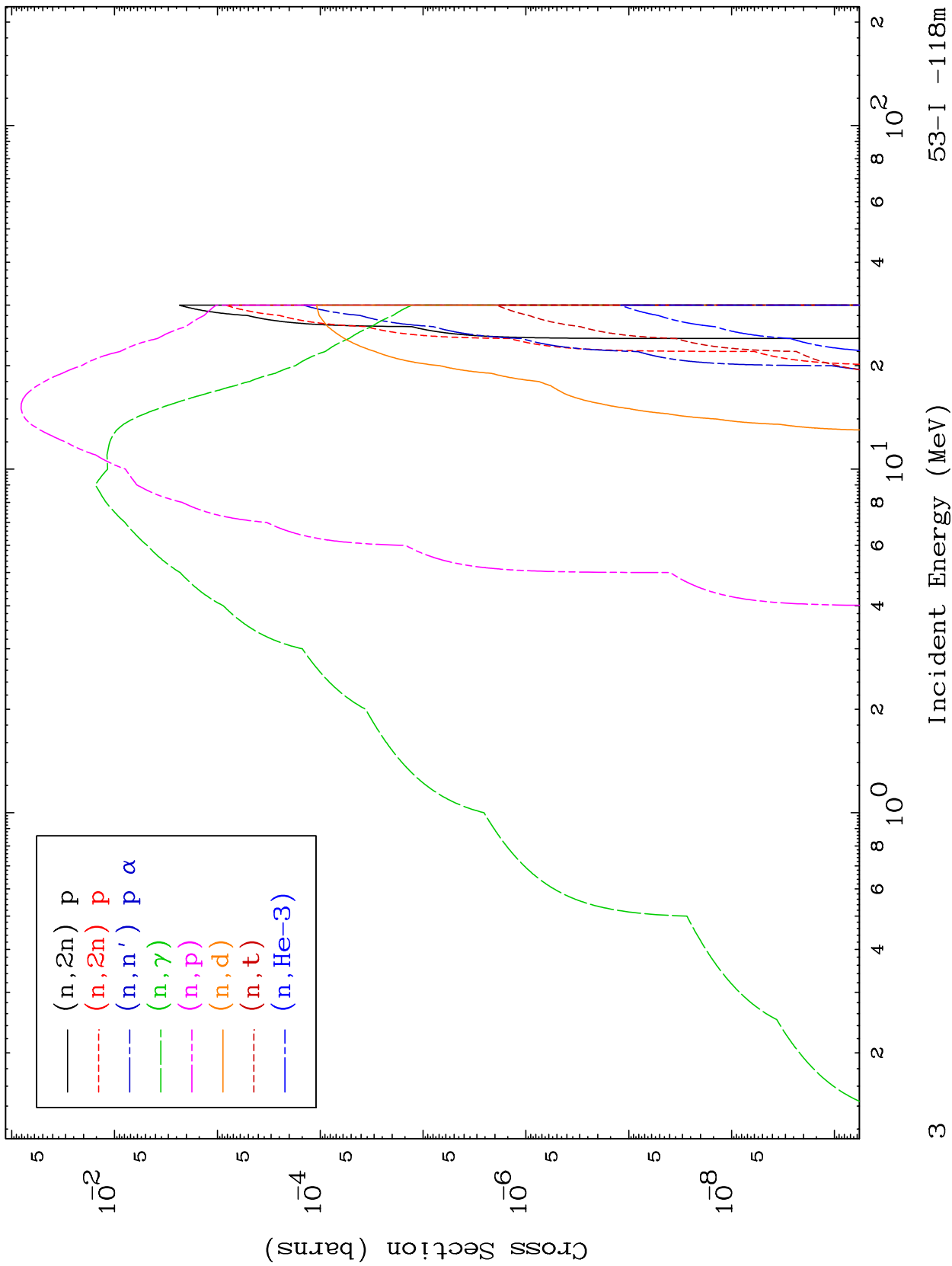
53-I -118m

0 Kelvin Cross Sections



Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, γ)

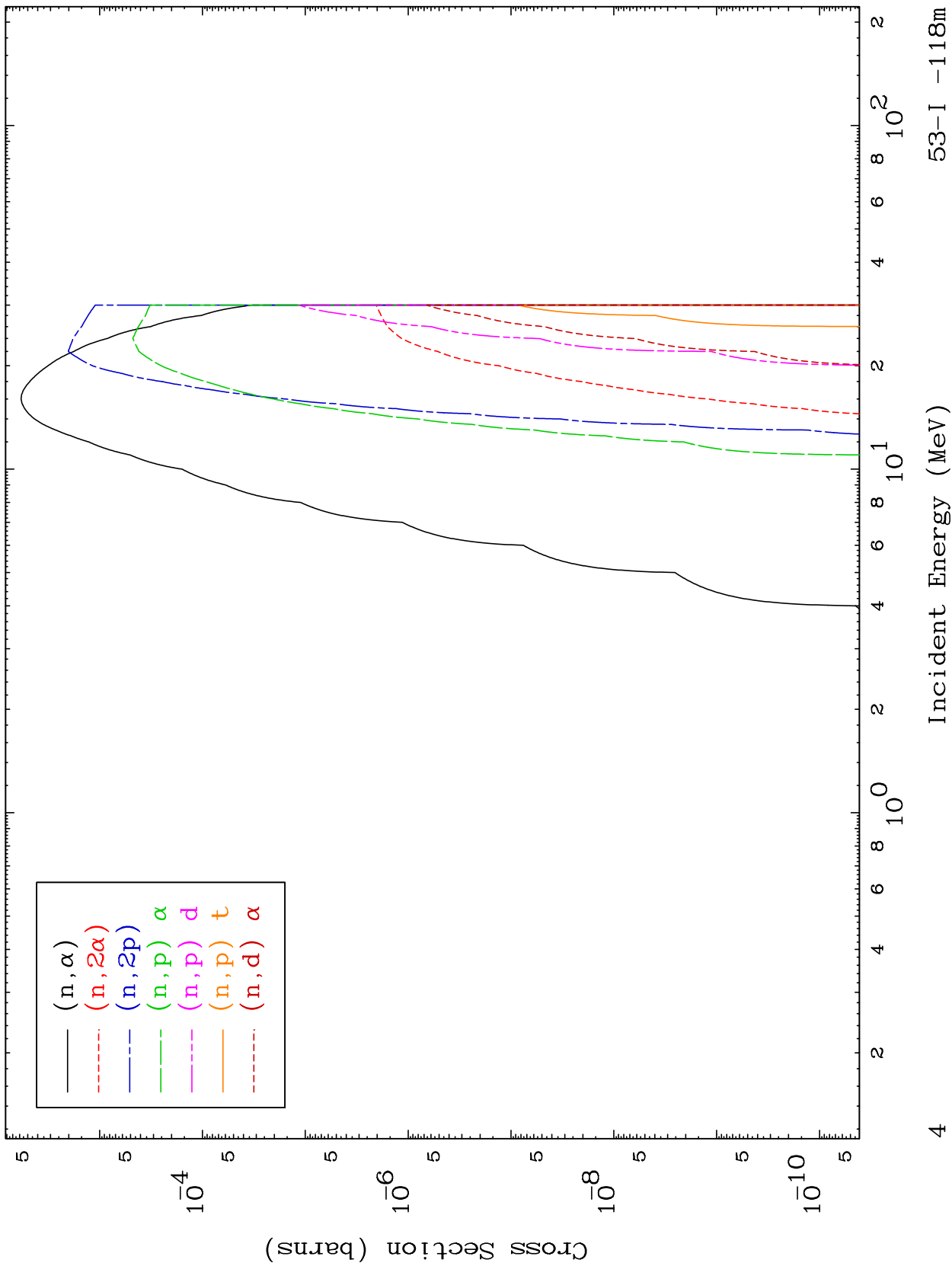


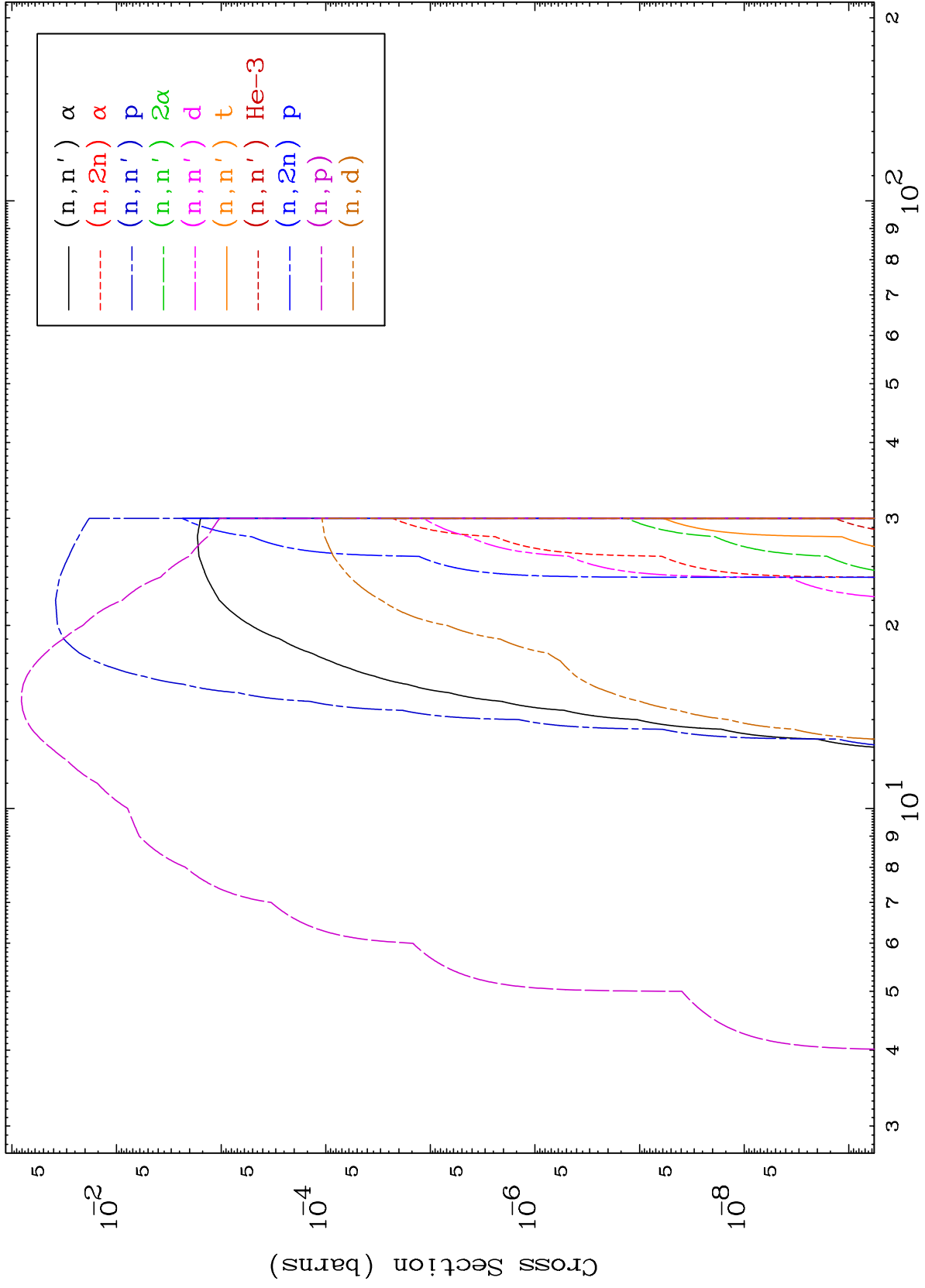


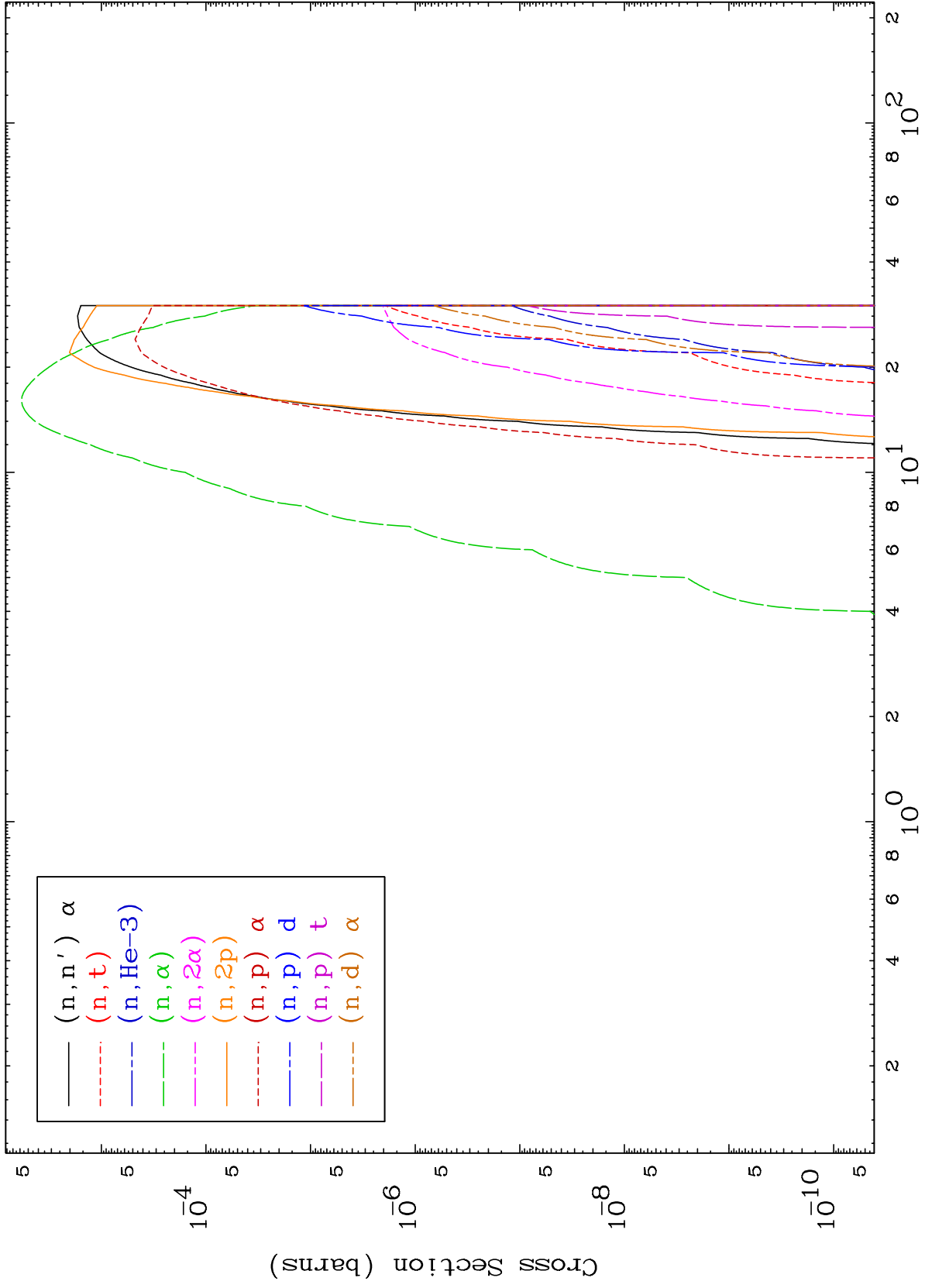
MAT 5299

Photon Neutron Absorption
0 Kelvin Cross Sections

53-I -118m





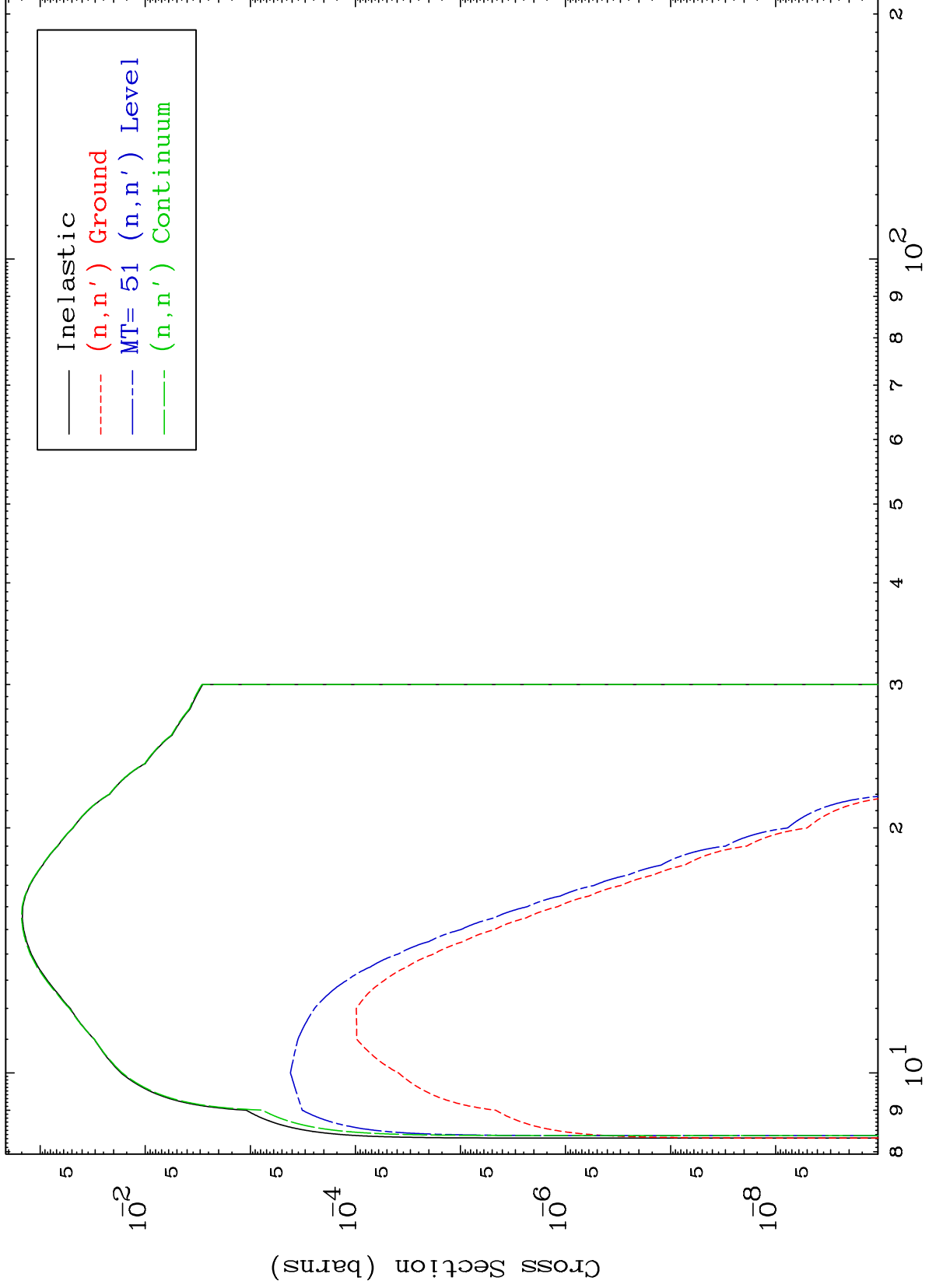


MAT 5299

(γ, n') Levels

53-I -118m

0 Kelvin Cross Sections



7

Incident Energy (MeV)

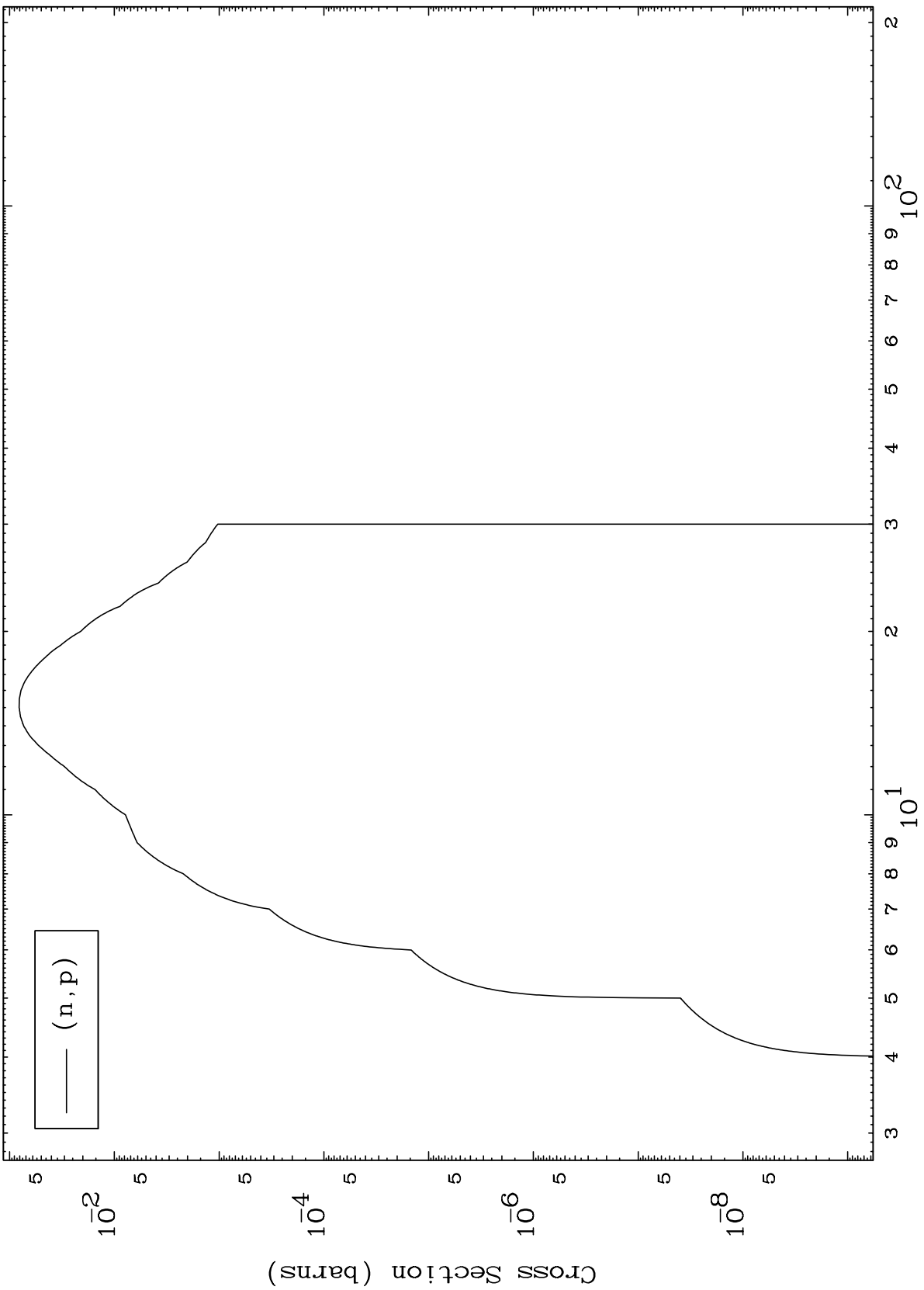
53-I -118m

MAT 5299

(γ, p) Levels

53-I -118m

0 Kelvin Cross Sections



8

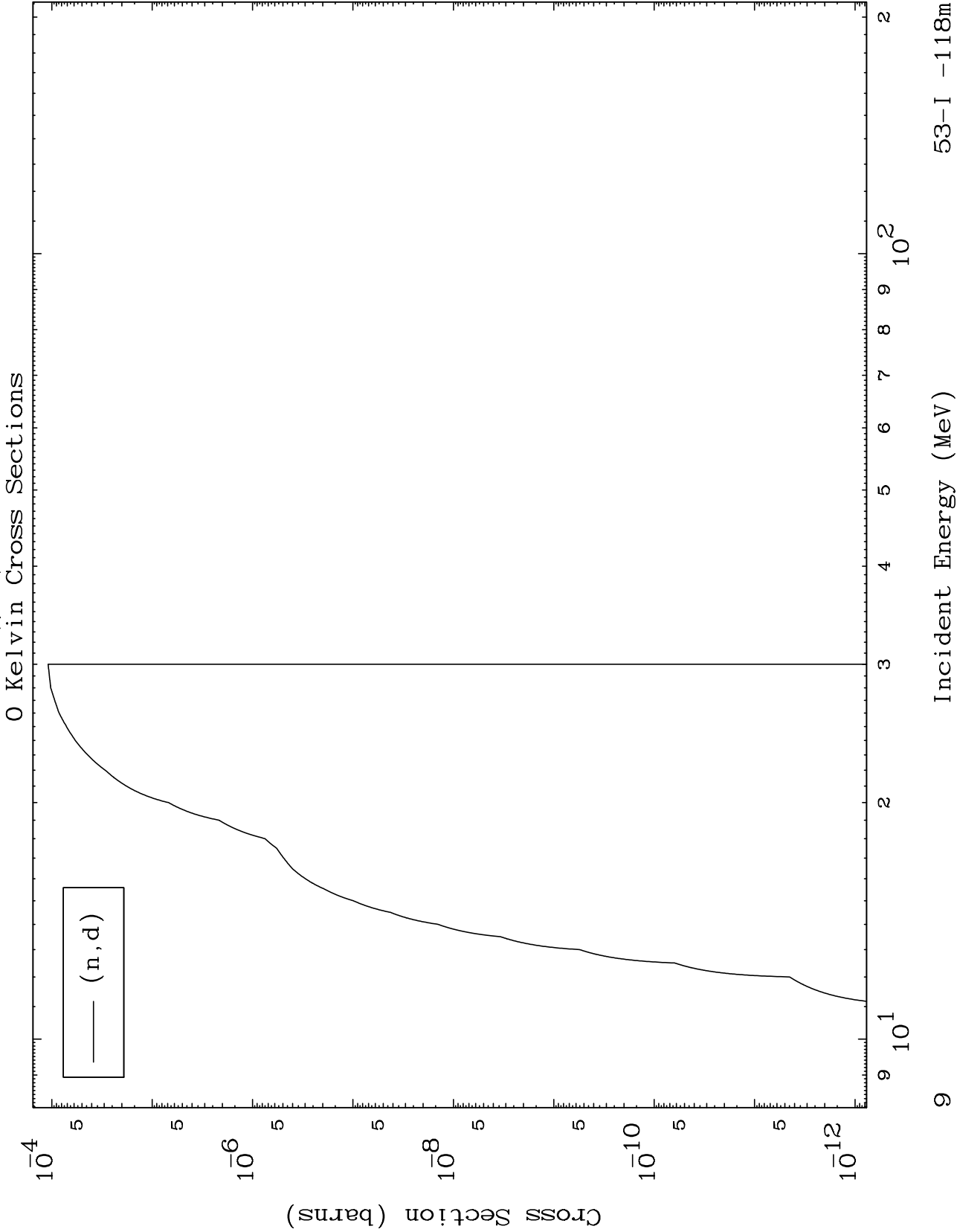
Incident Energy (MeV)

53-I -118m

MAT 5299

(γ, d) Levels

53-I -118m



9

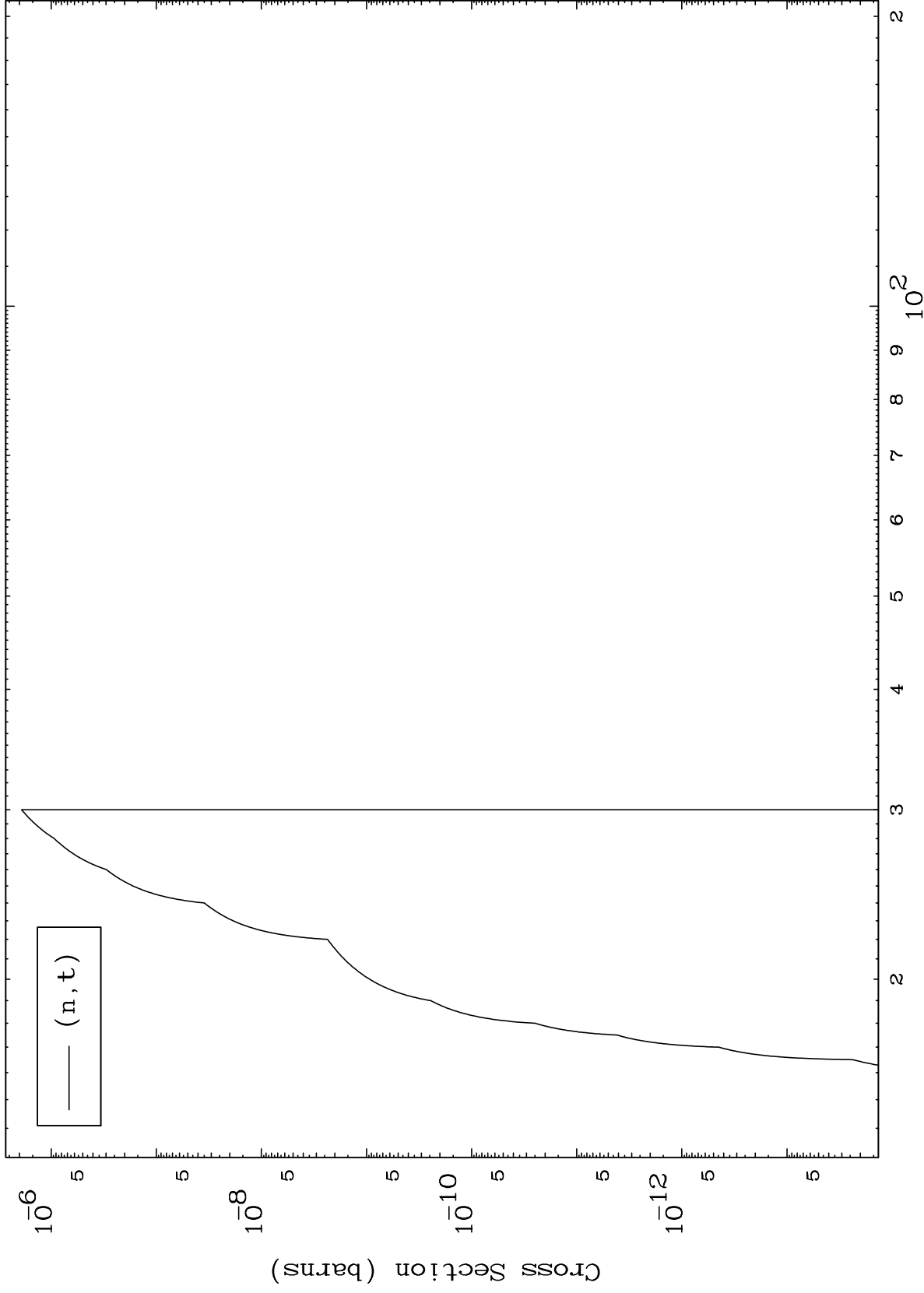
Incident Energy (MeV)

53-I -118m

MAT 5299

(γ, t) Levels
0 Kelvin Cross Sections

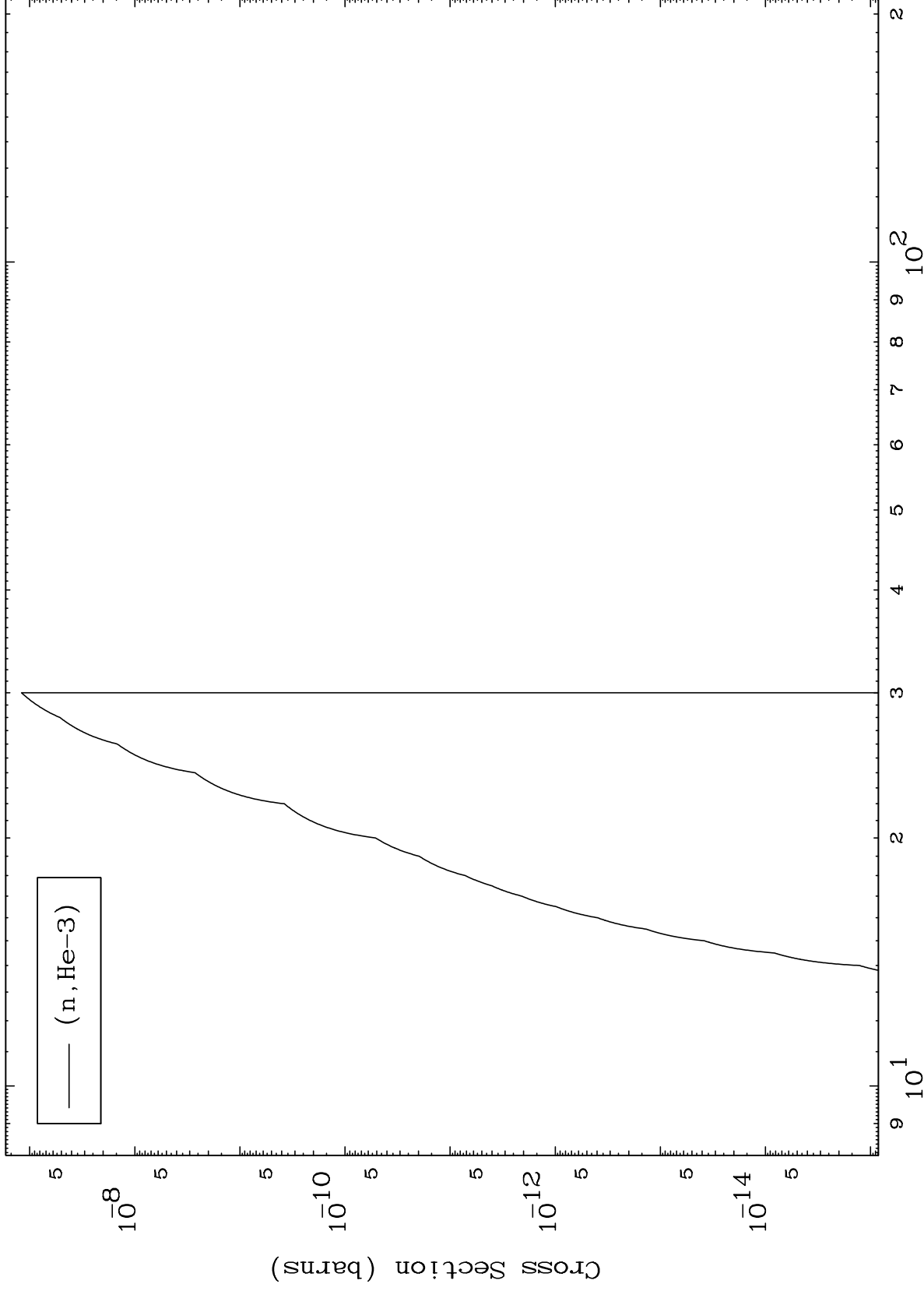
53-I -118m



10

Incident Energy (MeV)

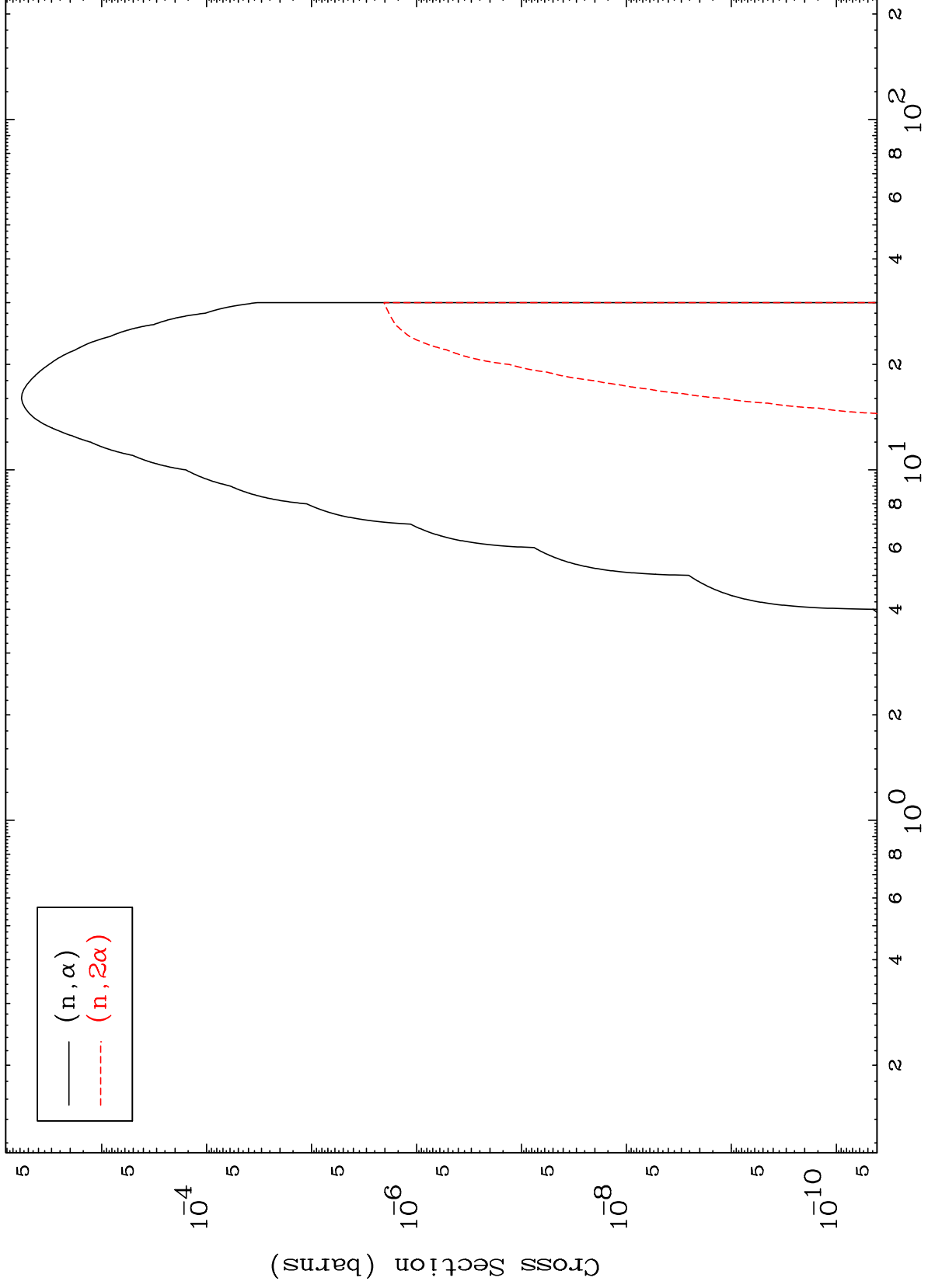
53-I -118m



MAT 5299

(γ, α) Levels
0 Kelvin Cross Sections

53-I -118m



12

Incident Energy (MeV)

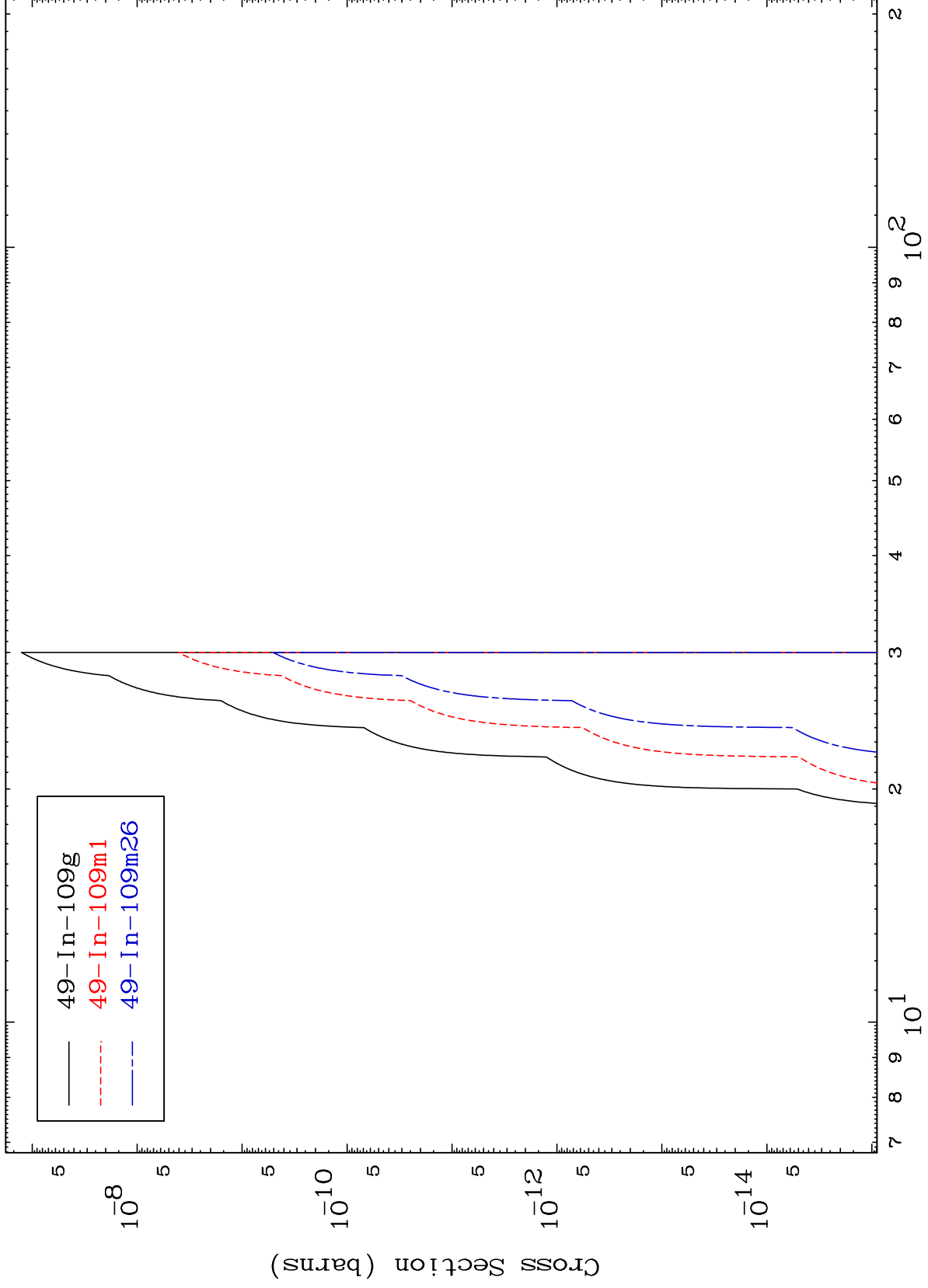
53-I -118m

MAT 5299

(n,n') 2α

53-I -118m

Radionuclide Production Cross Section



49-In-109g
49-In-109m1
49-In-109m26

13

Incident Energy (MeV)

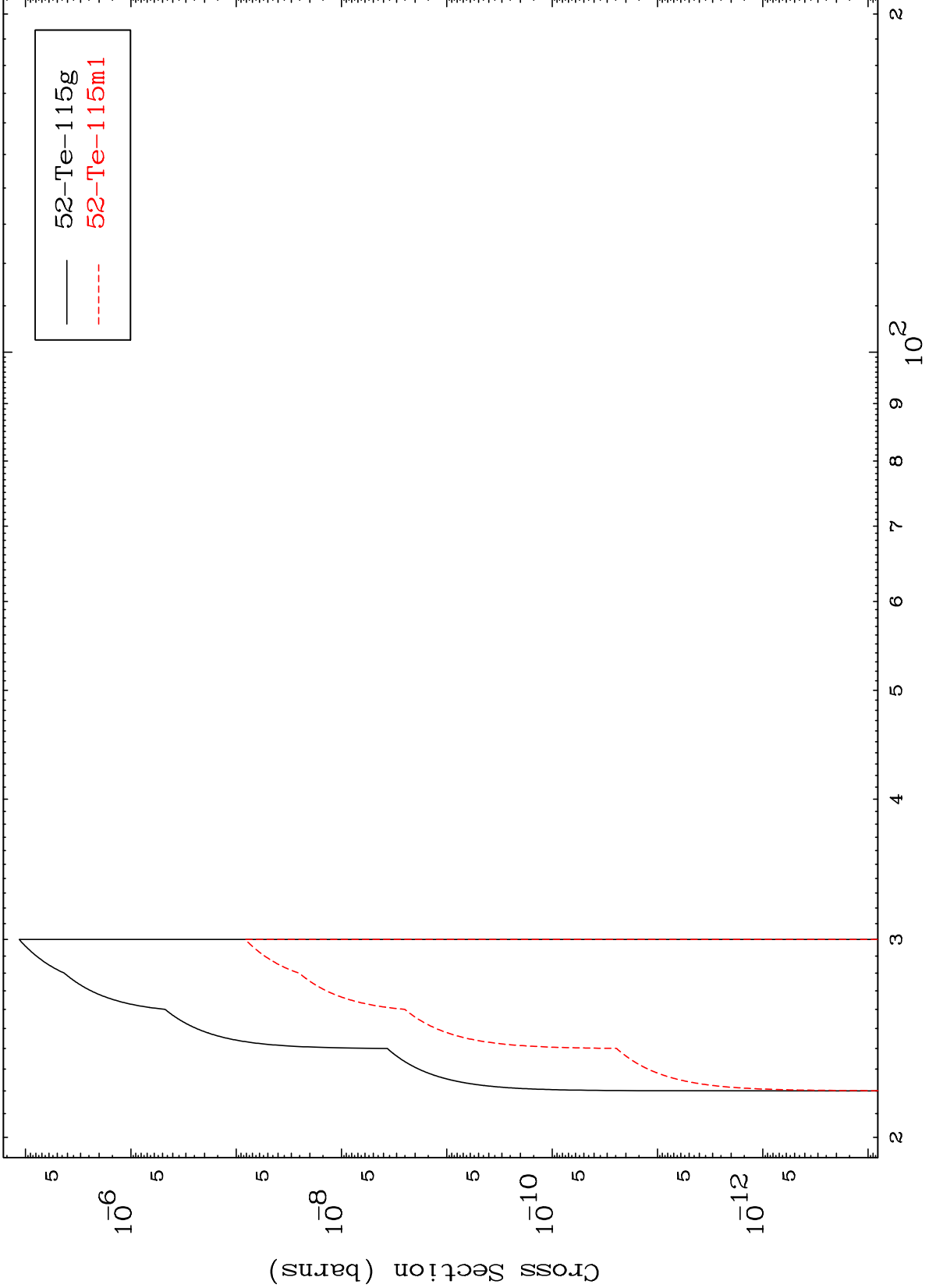
53-I -118m

MAT 5299

(n,n') d

53-I -118m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

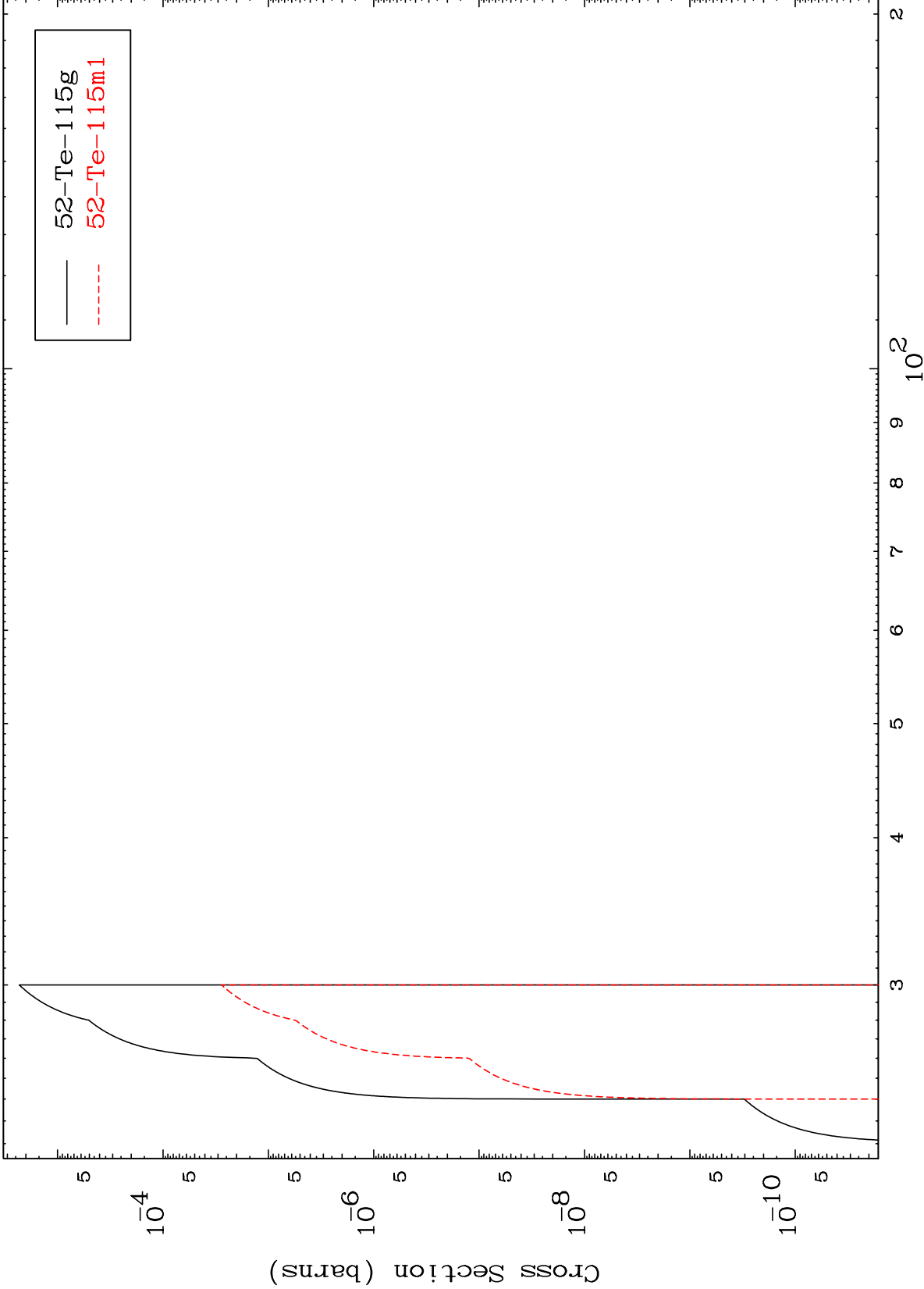
53-I -118m

MAT 5299

(n,2n) p

53-I -118m

Radionuclide Production Cross Section



52-Te-115g
52-Te-115m1

15

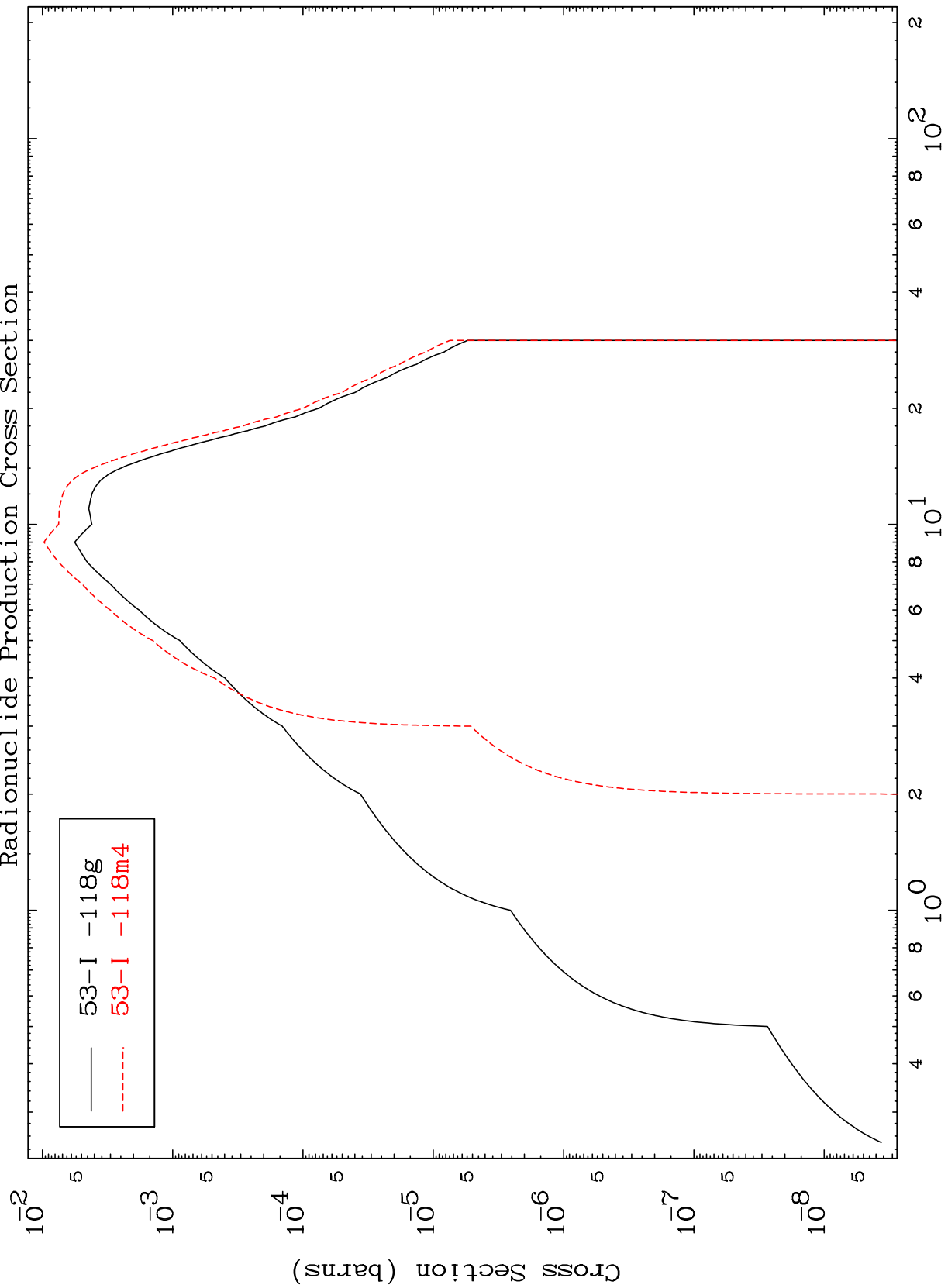
Incident Energy (MeV)

53-I -118m

MAT 5299

53-I -118m

(n, γ)
Radionuclide Production Cross Section



53-I -118m

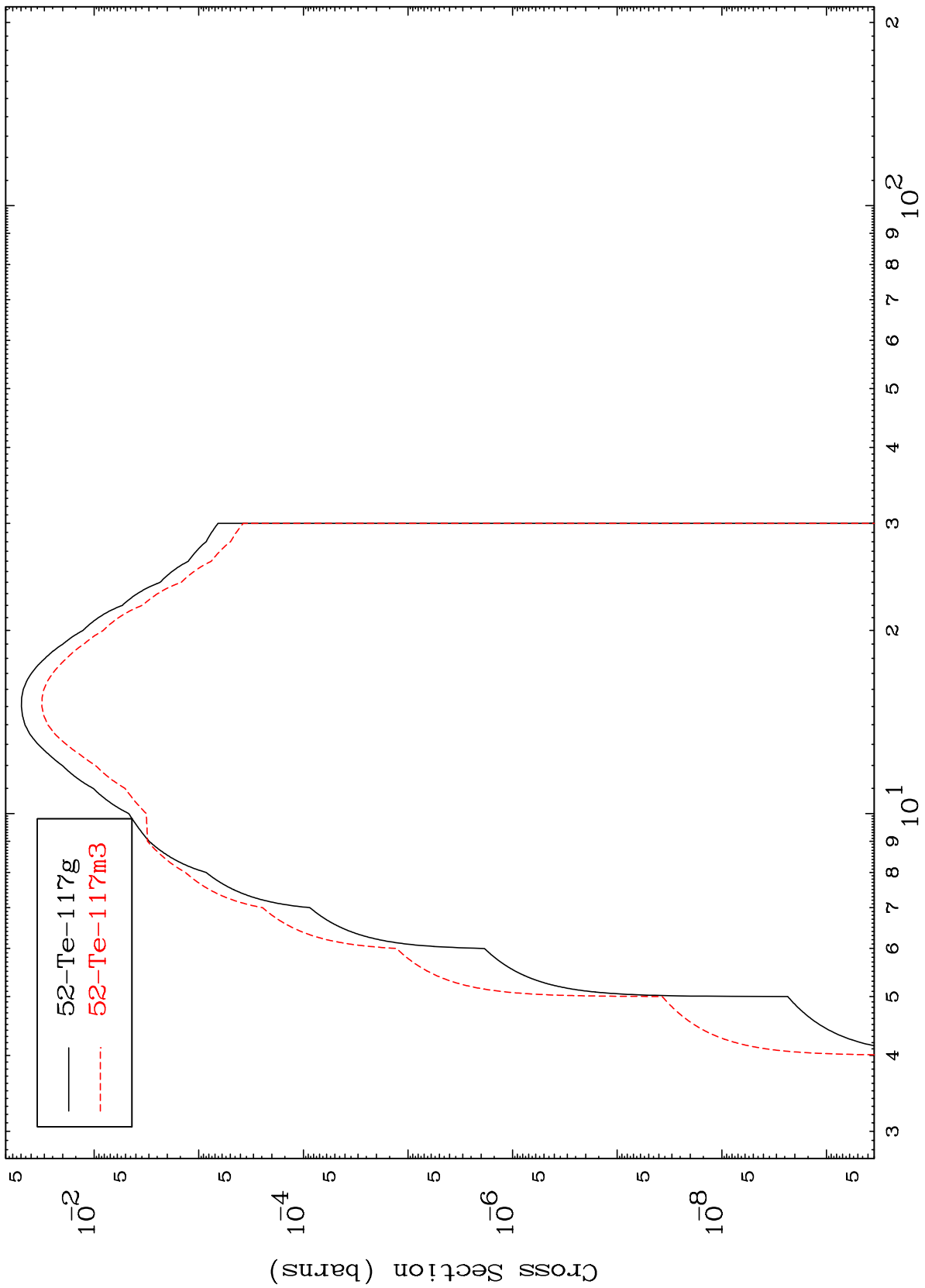
Incident Energy (MeV)

16

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53-I -118m

Radionuclide Production Cross Section (n,p)



17

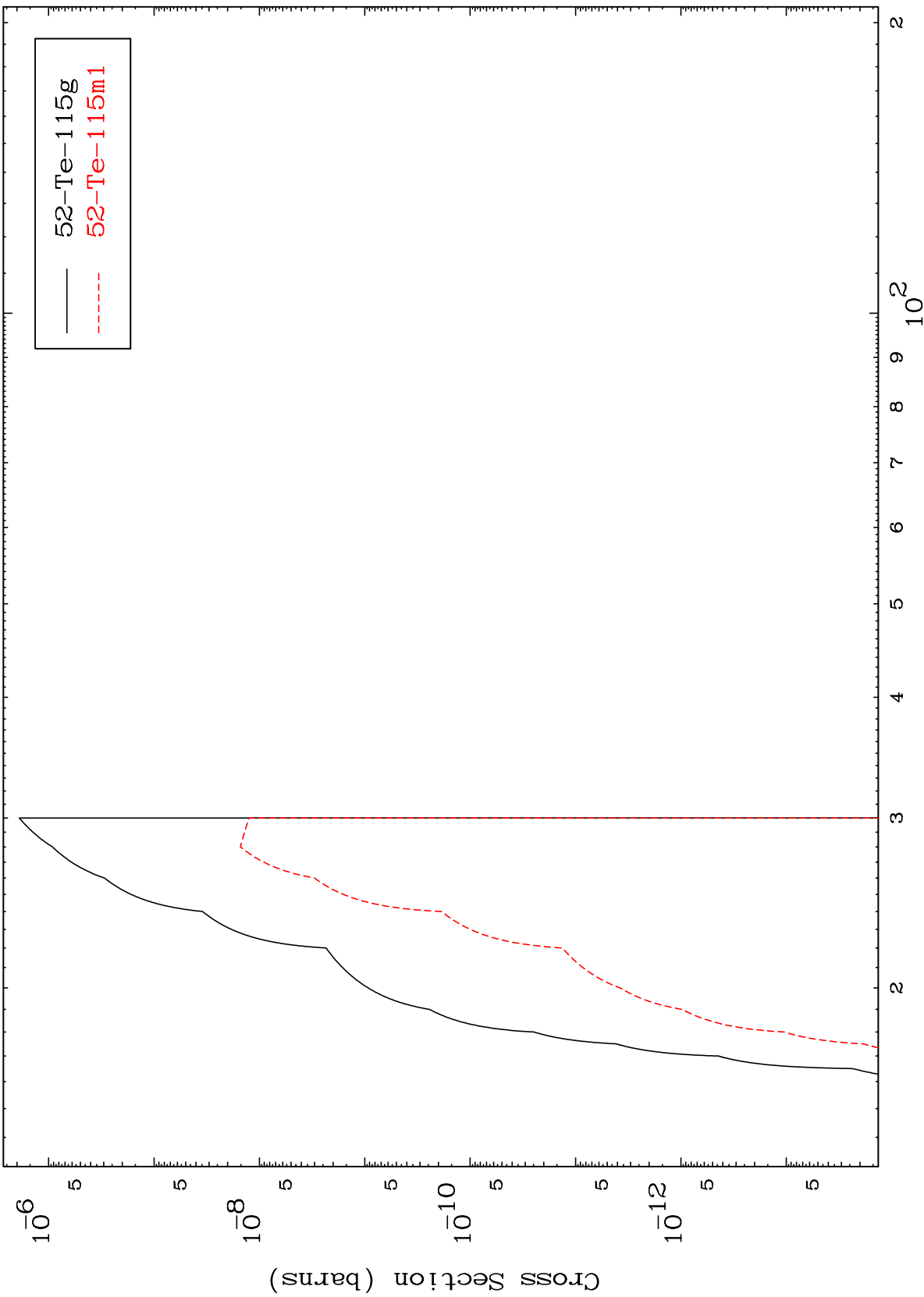
Incident Energy (MeV)

53-I -118m

MAT 5299

53-I -118m

(n,t)
Radionuclide Production Cross Section



52-Te-115g
52-Te-115m1

18

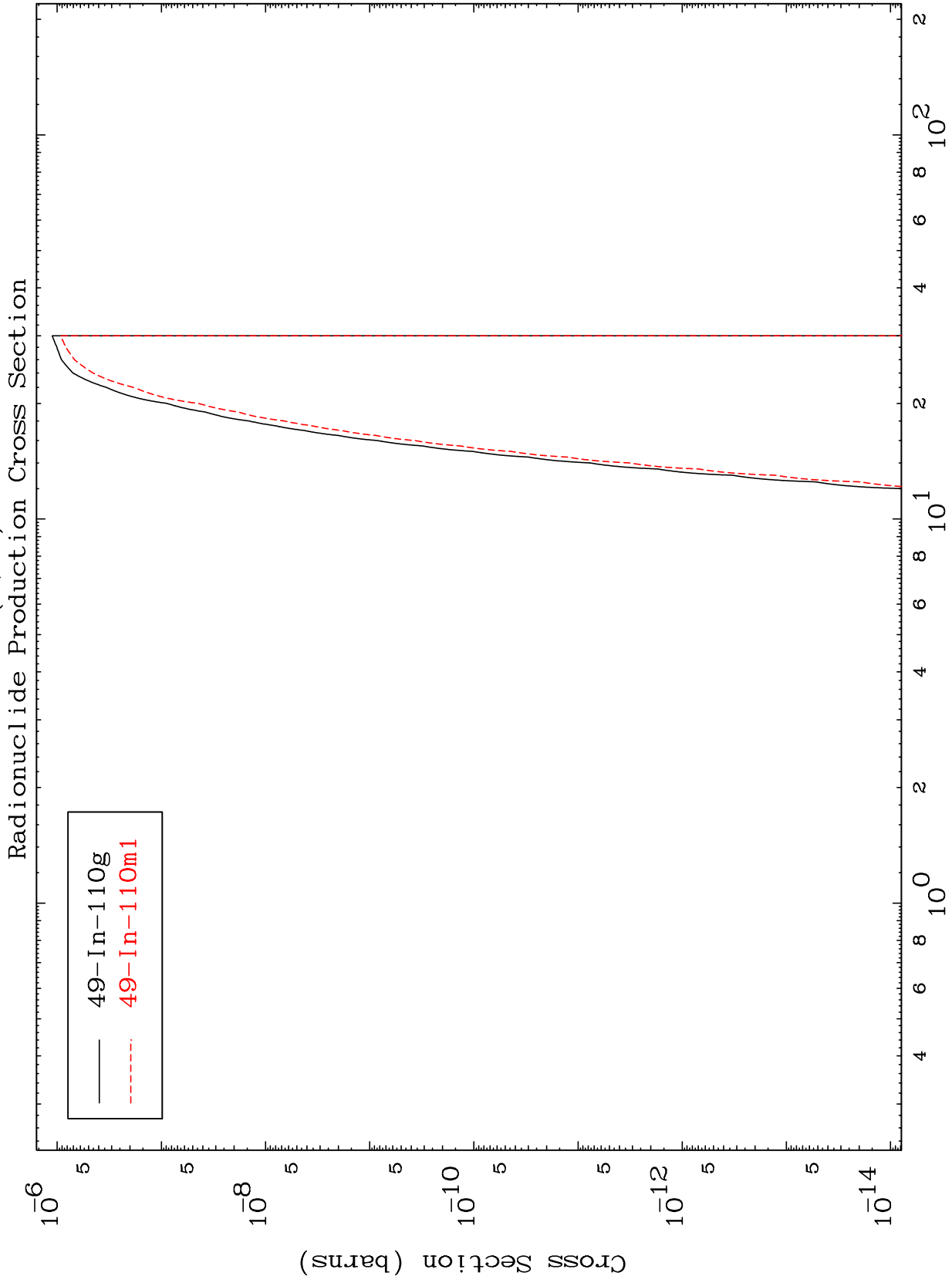
Incident Energy (MeV)

53-I -118m

MAT 5299

(n,2α)

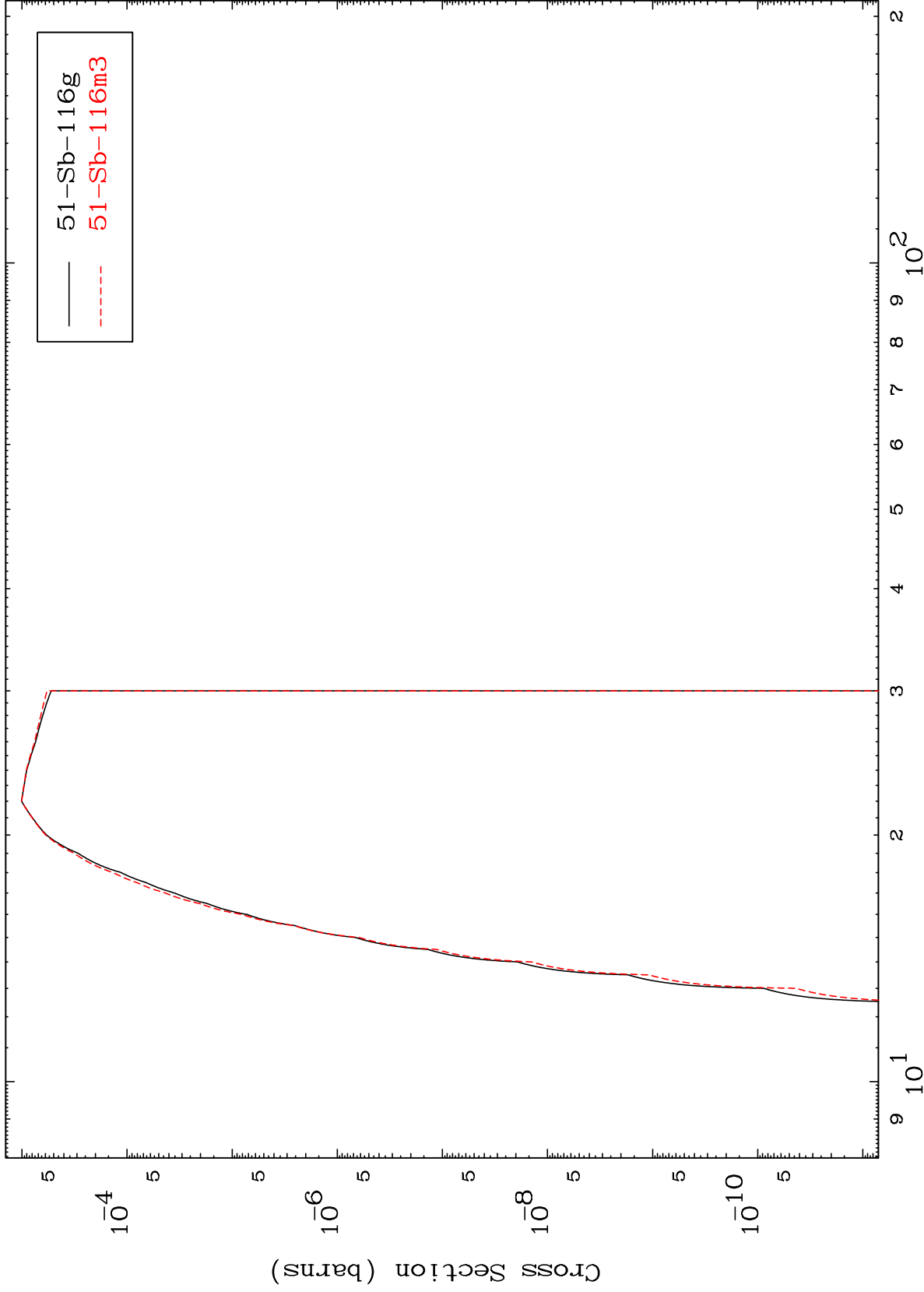
53-I -118m



MAT 5299

53-I -118m

(n,2p)
Radionuclide Production Cross Section



53-I -118m

Incident Energy (MeV)

20

MAT 5299

(n,p) α

53-I -118m

Radionuclide Production Cross Section

