

Program EVALPLOT  
(Version 2015-2)

by

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(Present Contact Information)

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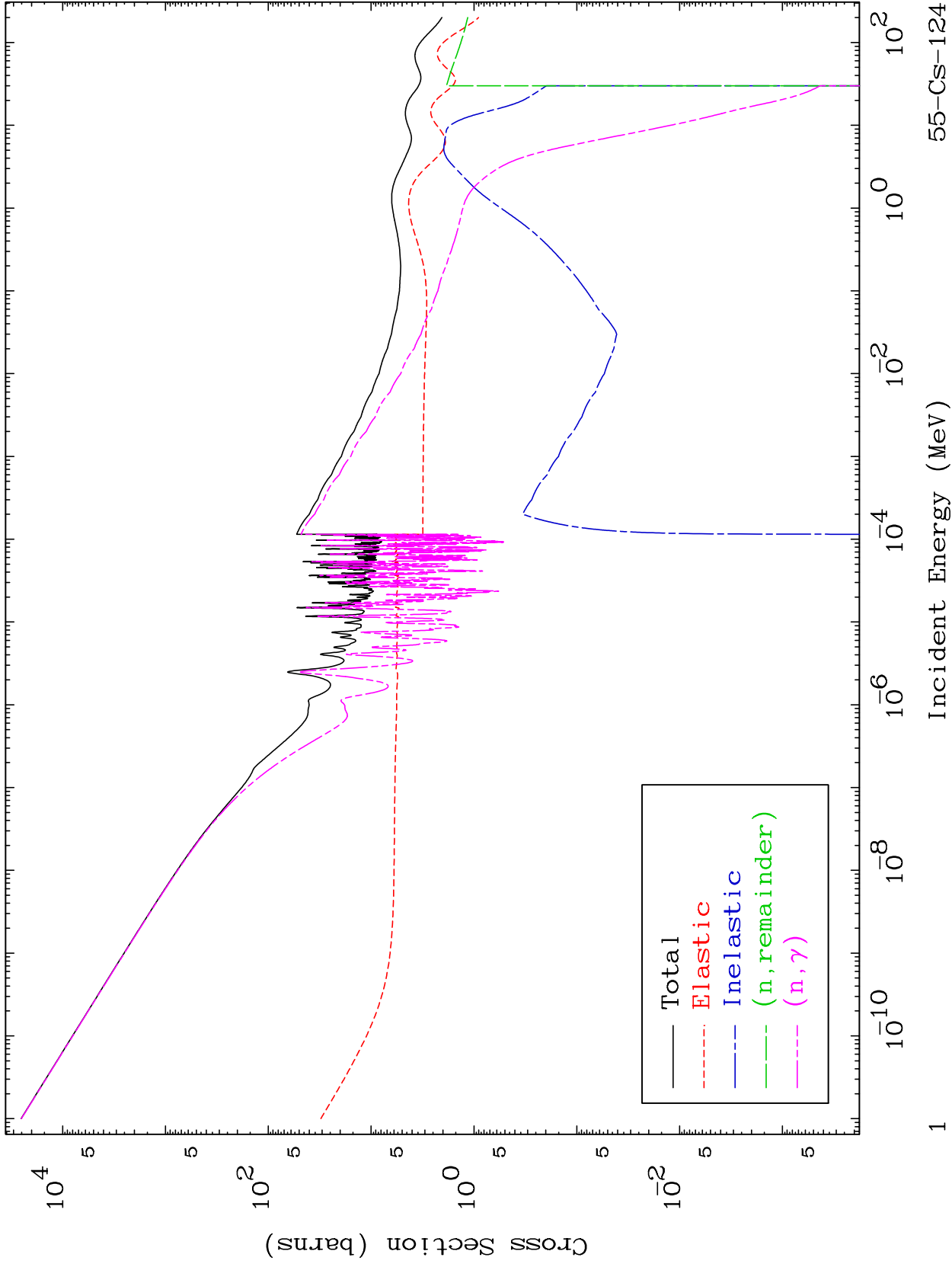
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5499

Major  
293 Kelvin Cross Sections

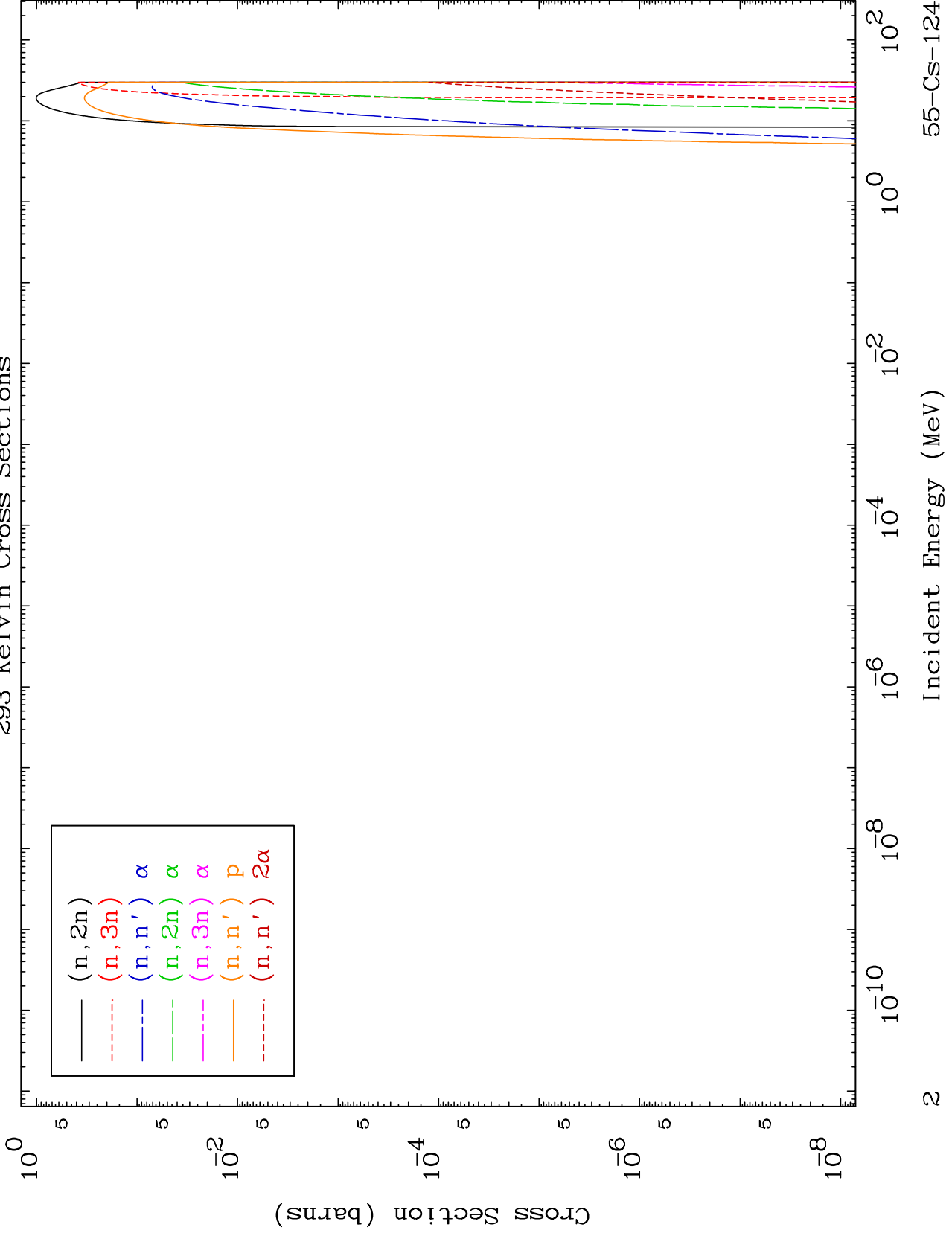
55-Cs-124

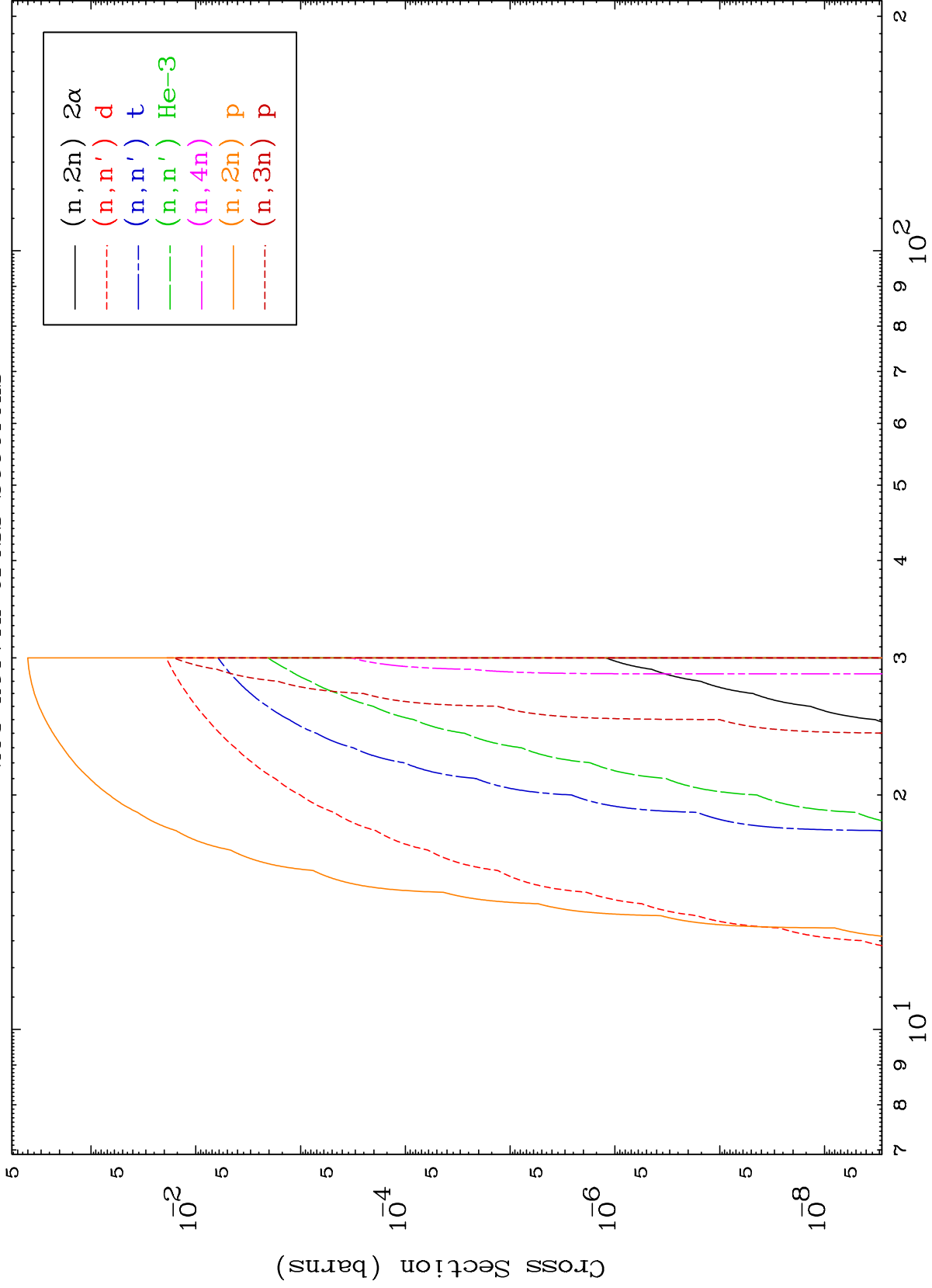


MAT 5499

Neutron Production  
293 Kelvin Cross Sections

55-Cs-124

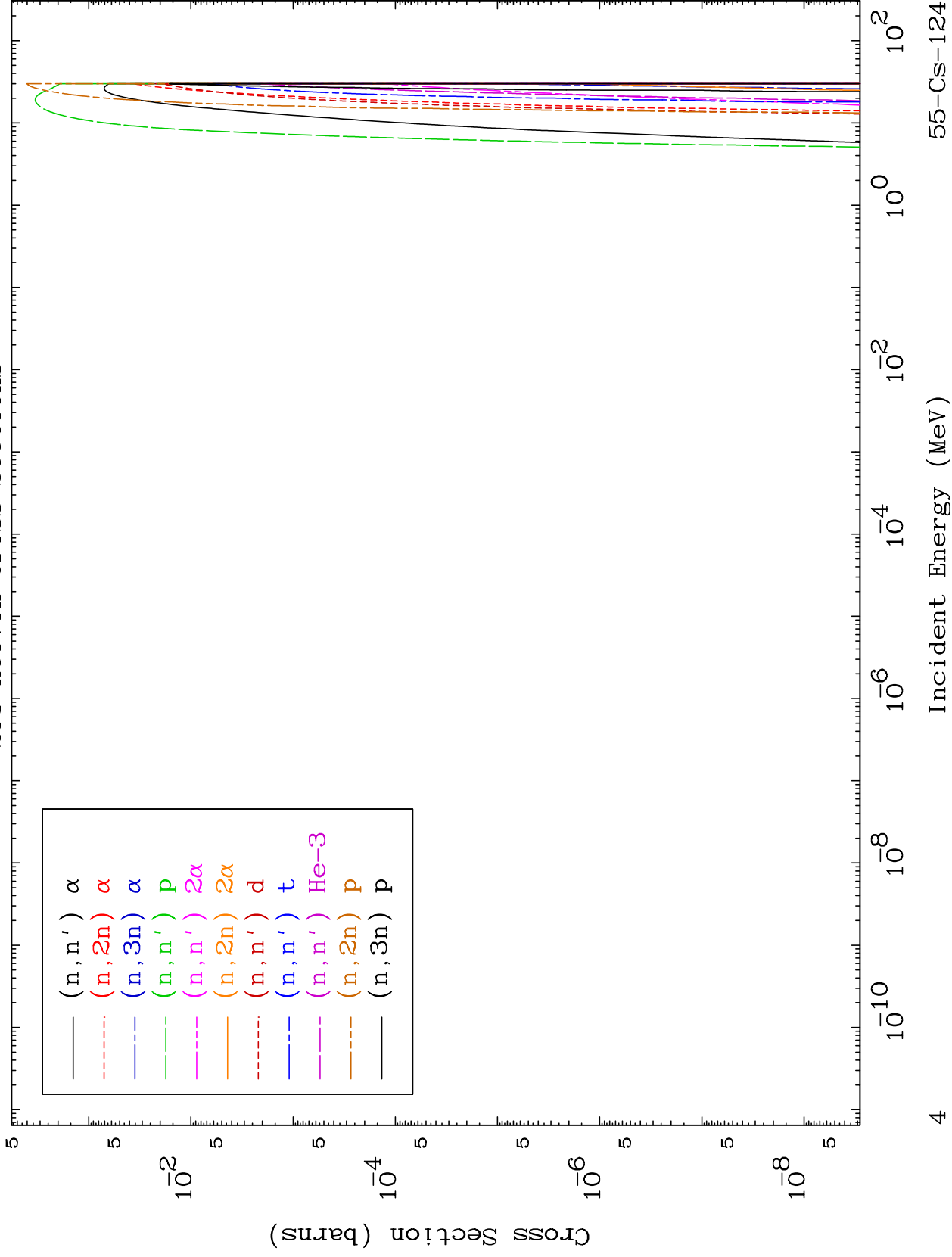




MAT 5499

Charged Particle  
293 Kelvin Cross Sections

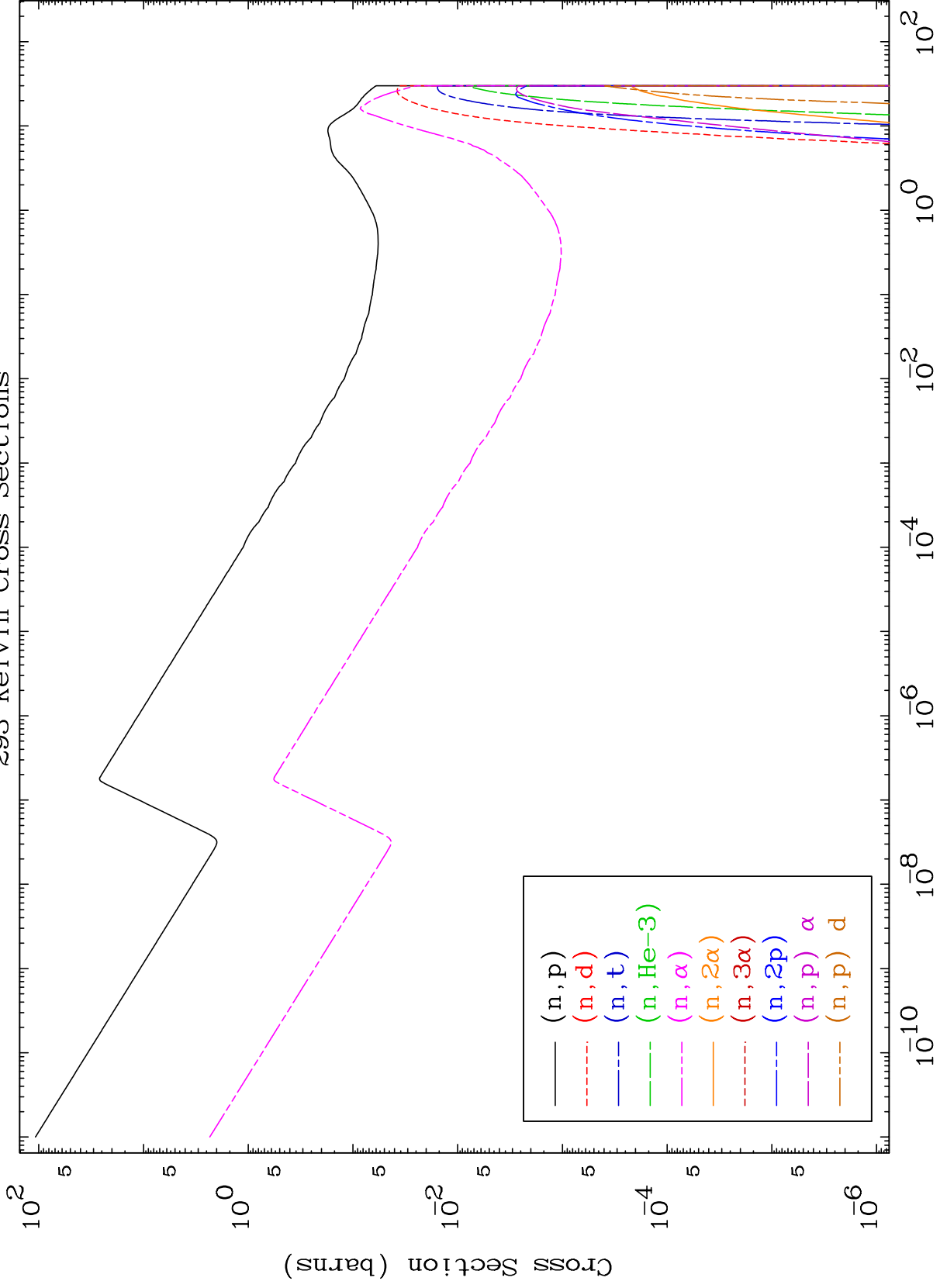
55-Cs-124



MAT 5499

Charged Particle  
293 Kelvin Cross Sections

55-Cs-124



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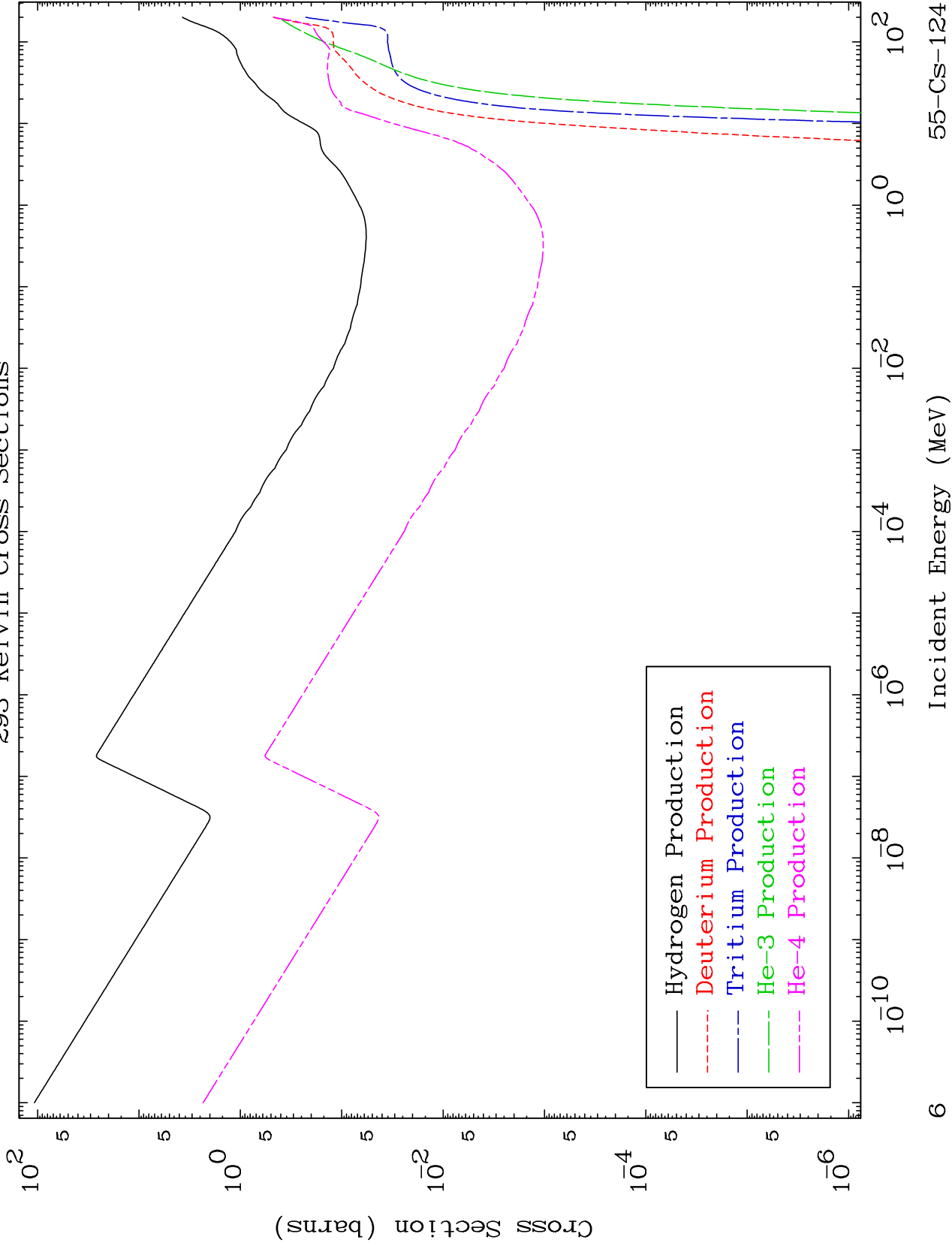
Incident Energy (MeV)

55-Cs-124

MAT 5499

Particle Production  
293 Kelvin Cross Sections

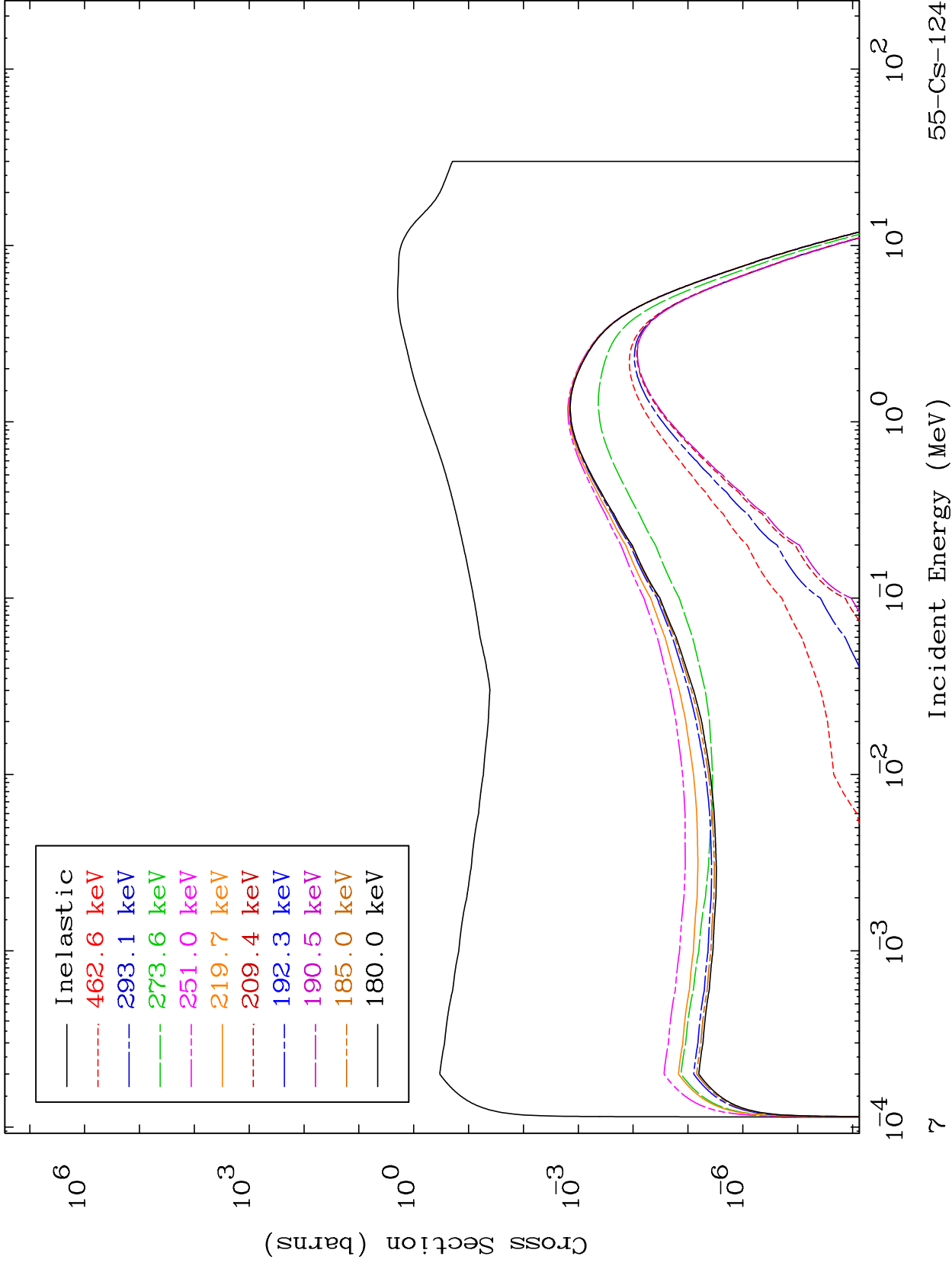
55-Cs-124



MAT 5499

(n,n') Level  
293 Kelvin Cross Sections

55-Cs-124

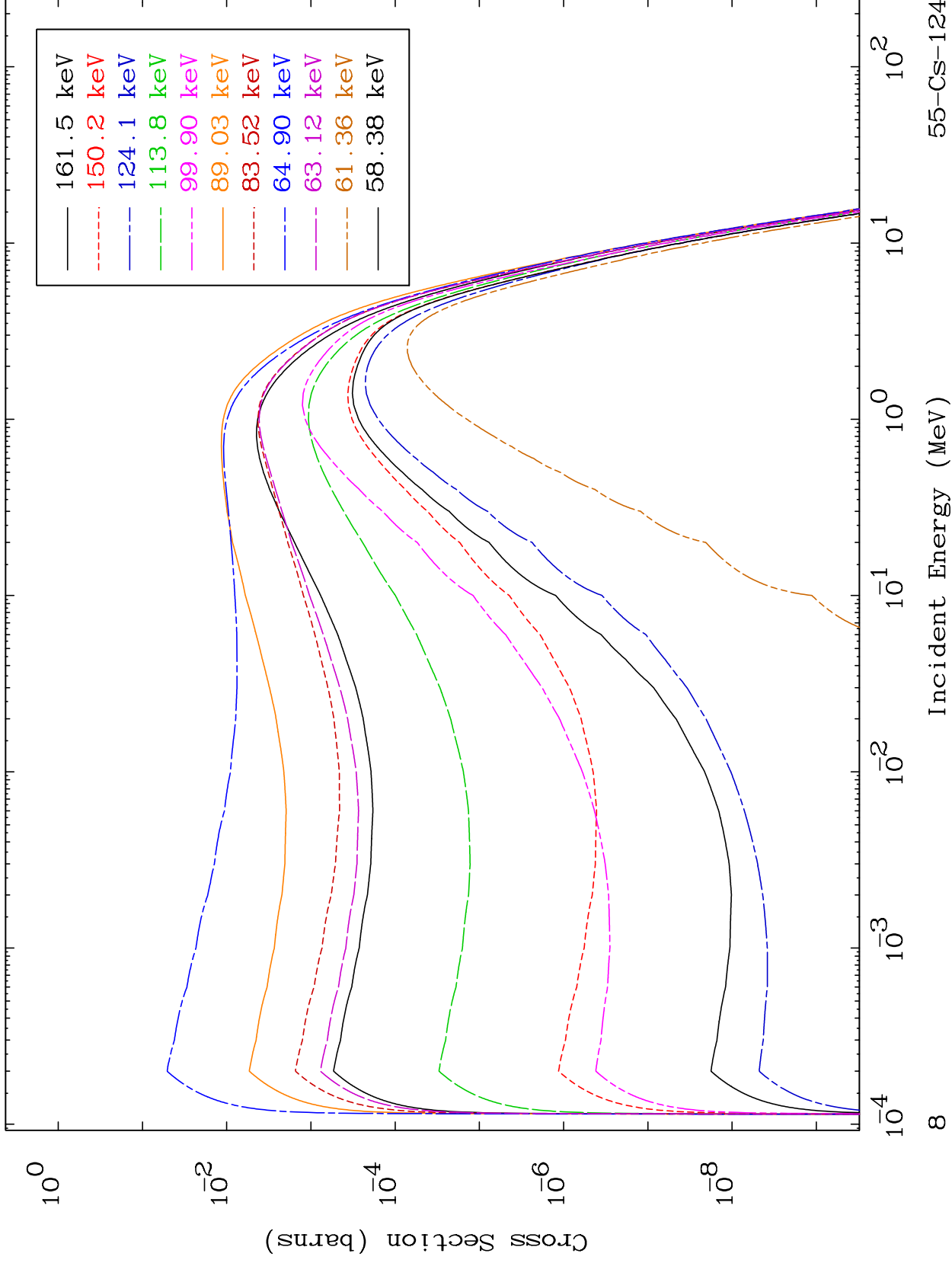




MAT 5499

(n,n') Level  
293 Kelvin Cross Sections

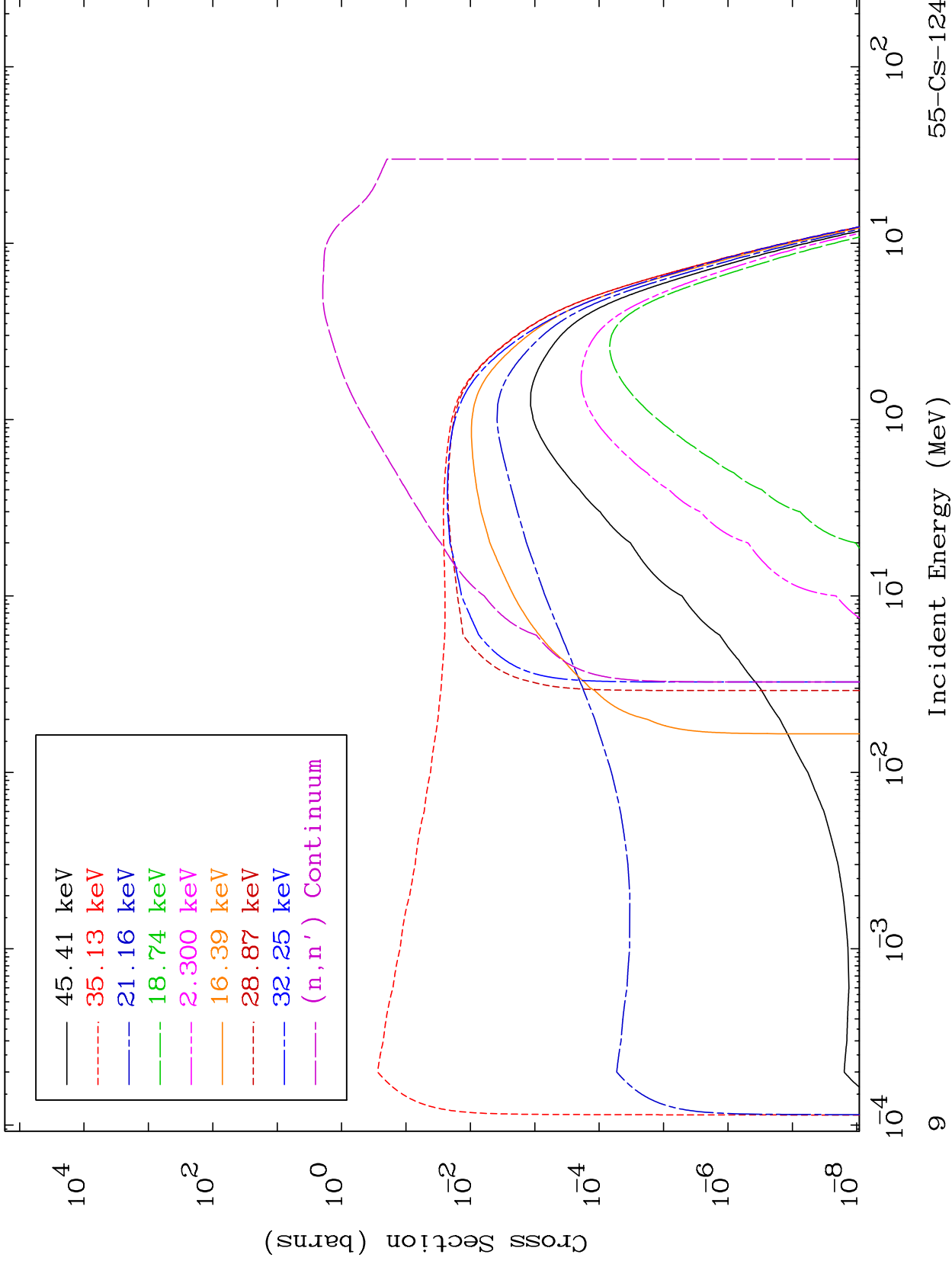
55-Cs-124



MAT 5499

(n,n') Level  
293 Kelvin Cross Sections

55-Cs-124



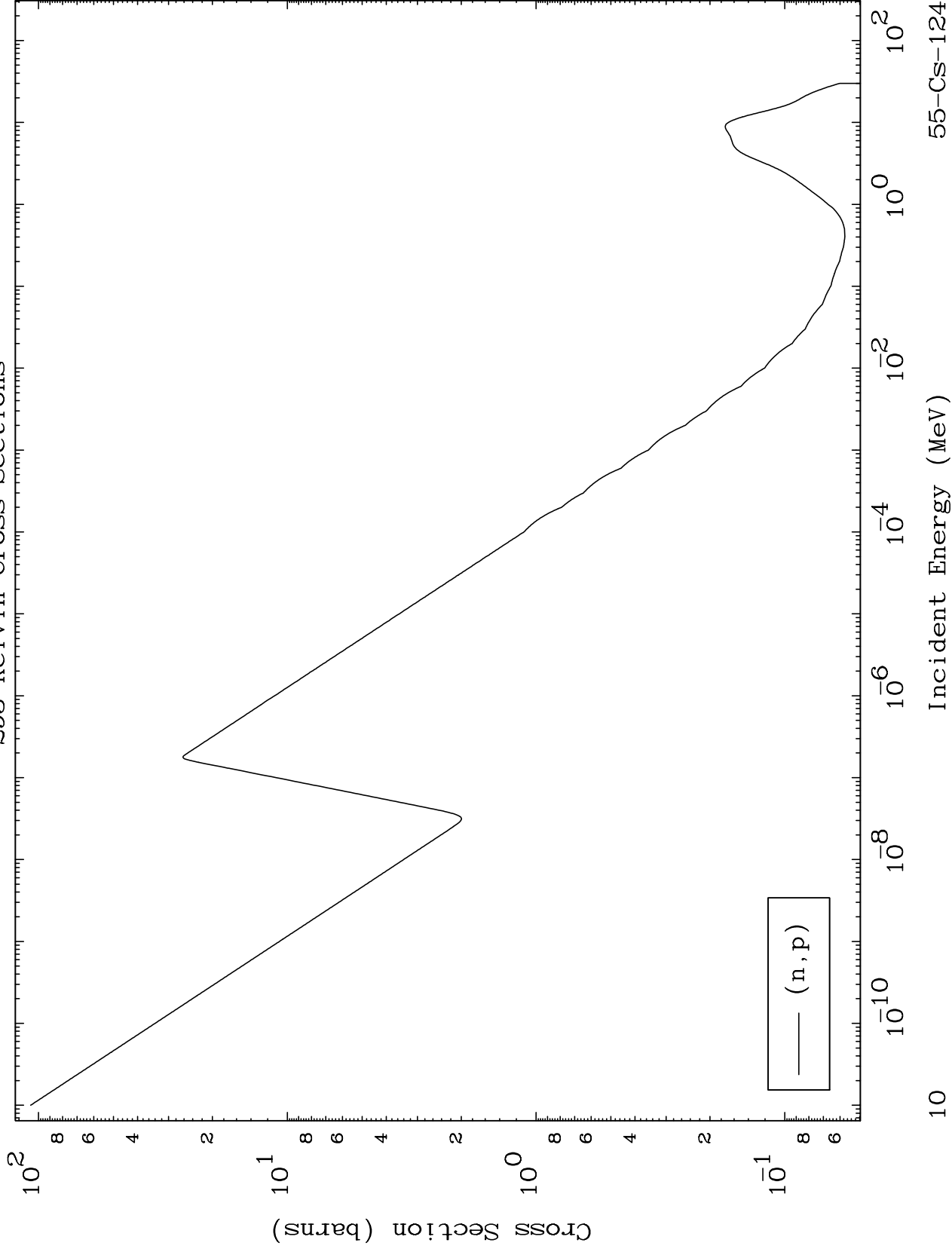
9

55-Cs-124

MAT 5499

(n,p) Levels  
293 Kelvin Cross Sections

55-Cs-124



10

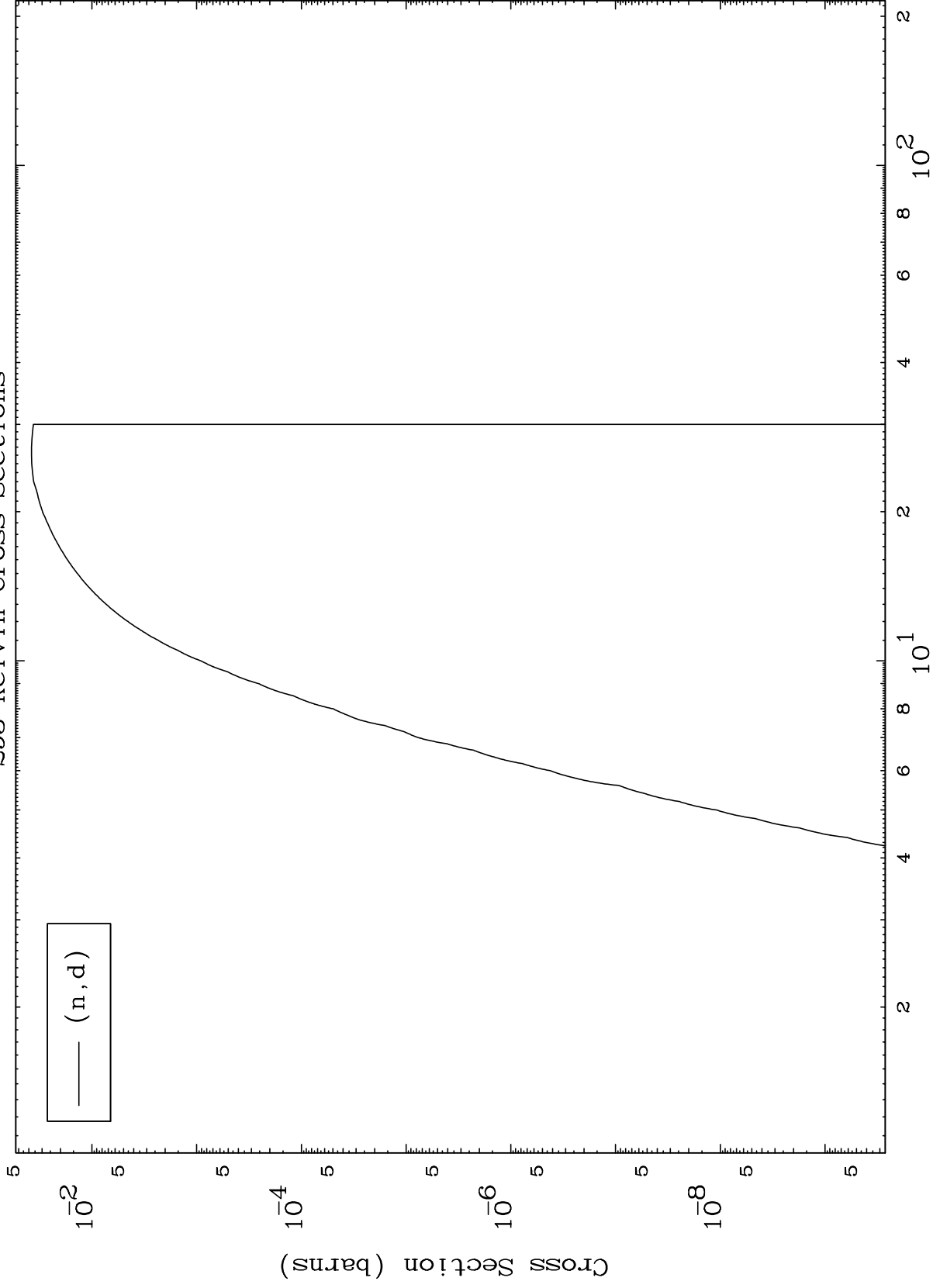
Incident Energy (MeV)

55-Cs-124

MAT 5499

(n,d) Levels  
293 Kelvin Cross Sections

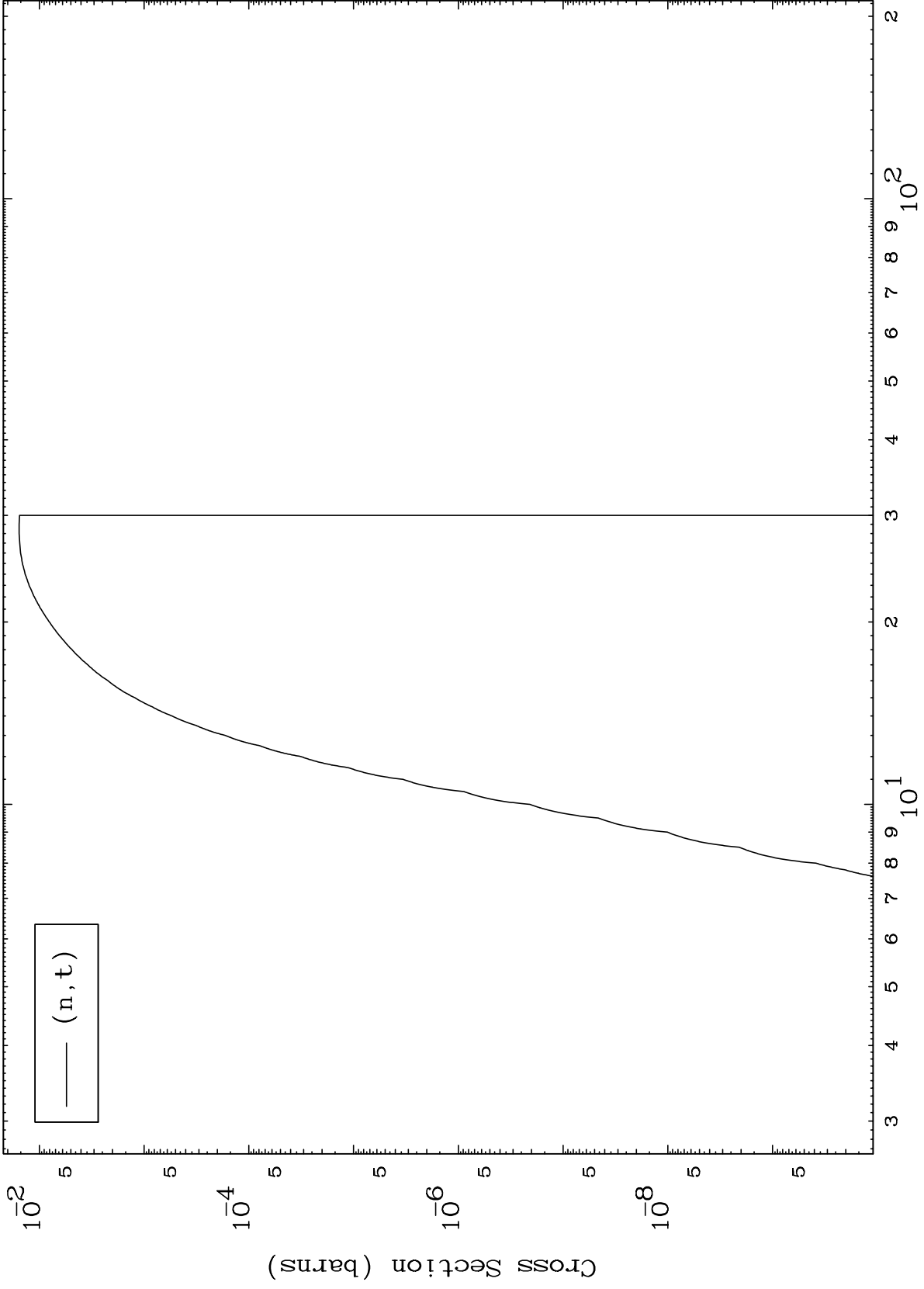
55-Cs-124



MAT 5499

(n,t) Levels  
293 Kelvin Cross Sections

55-Cs-124



(n,t)

12

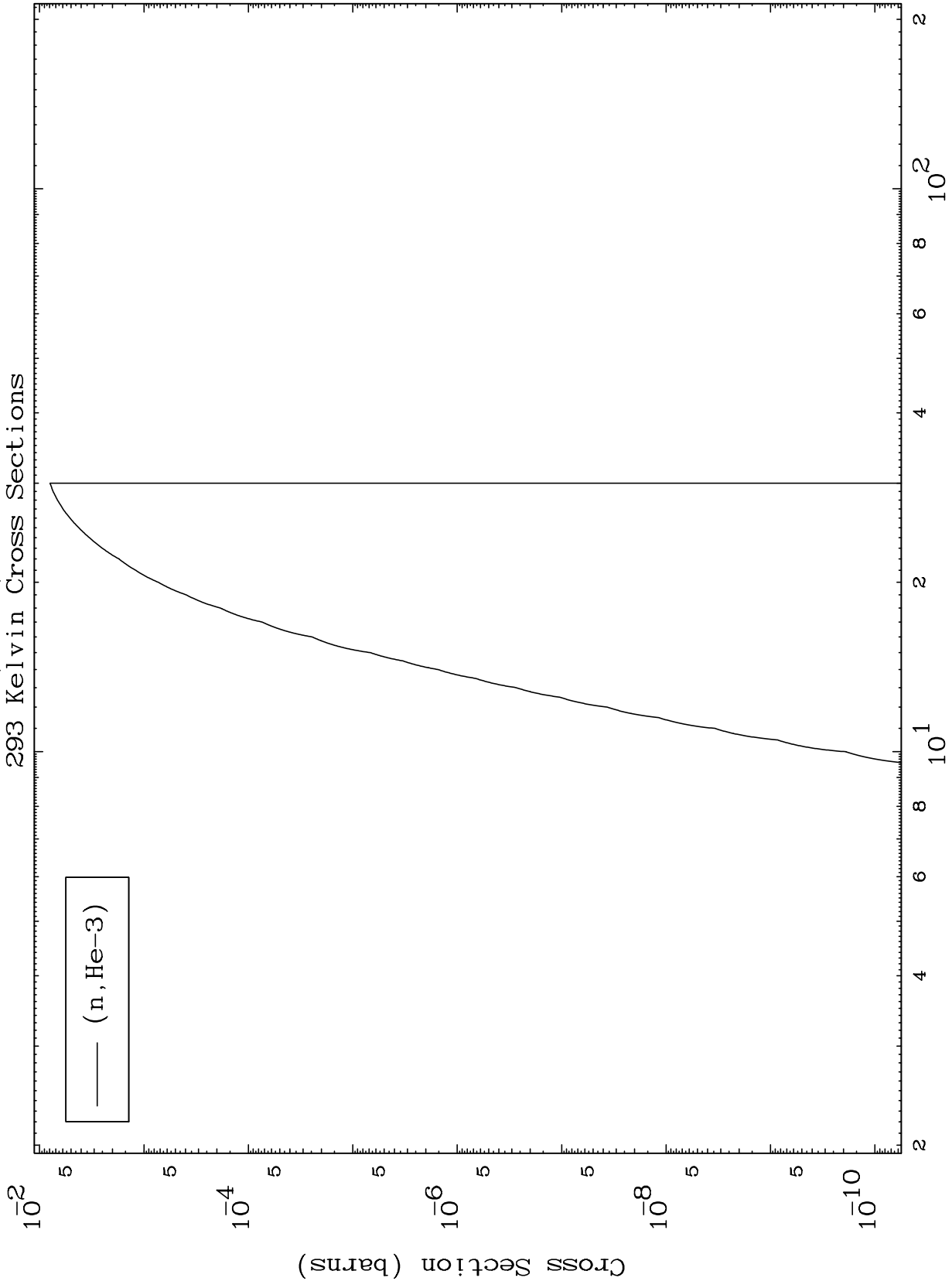
Incident Energy (MeV)

55-Cs-124

MAT 5499

(n,He3) Levels  
293 Kelvin Cross Sections

55-Cs-124



13

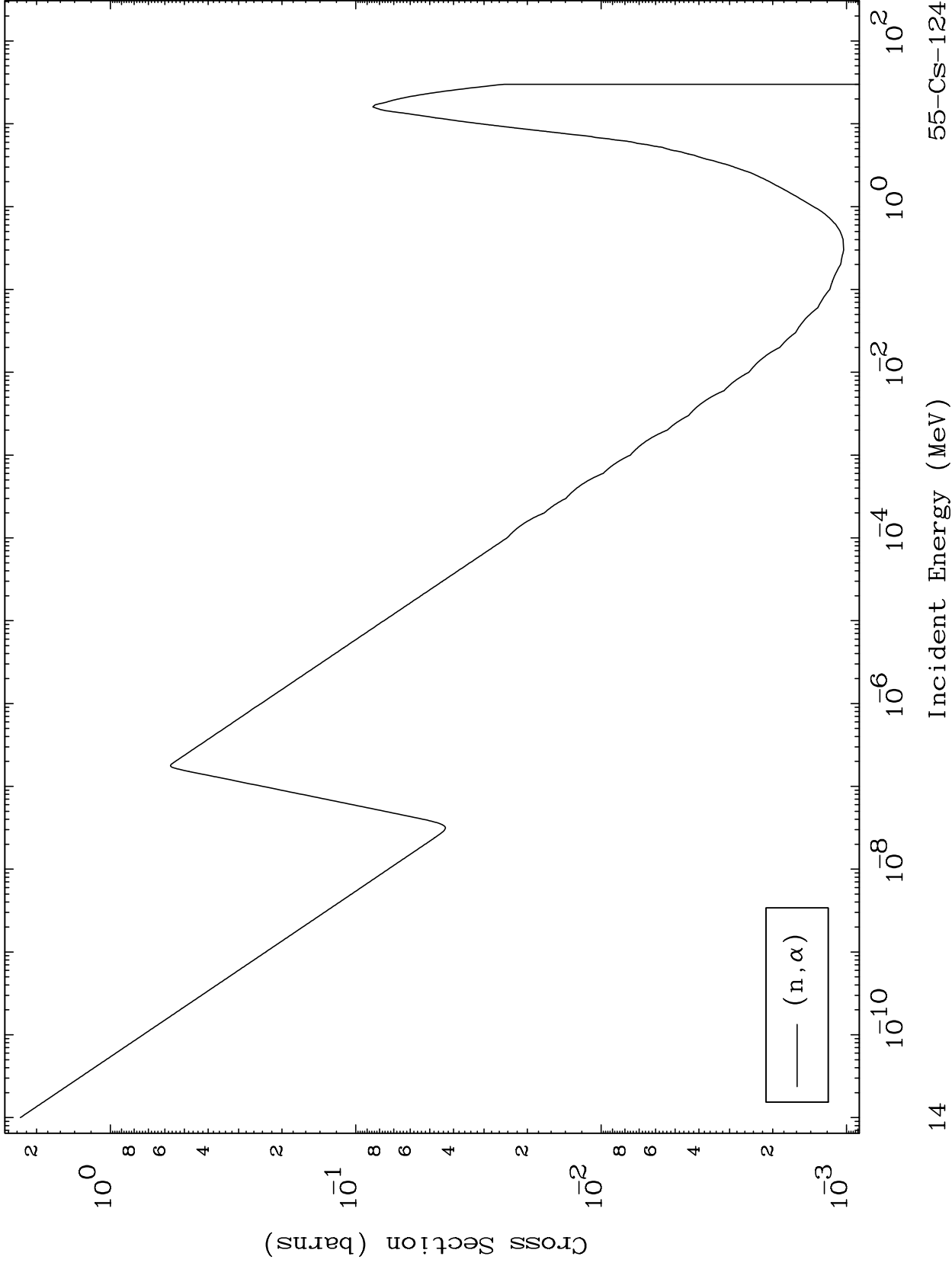
Incident Energy (MeV)

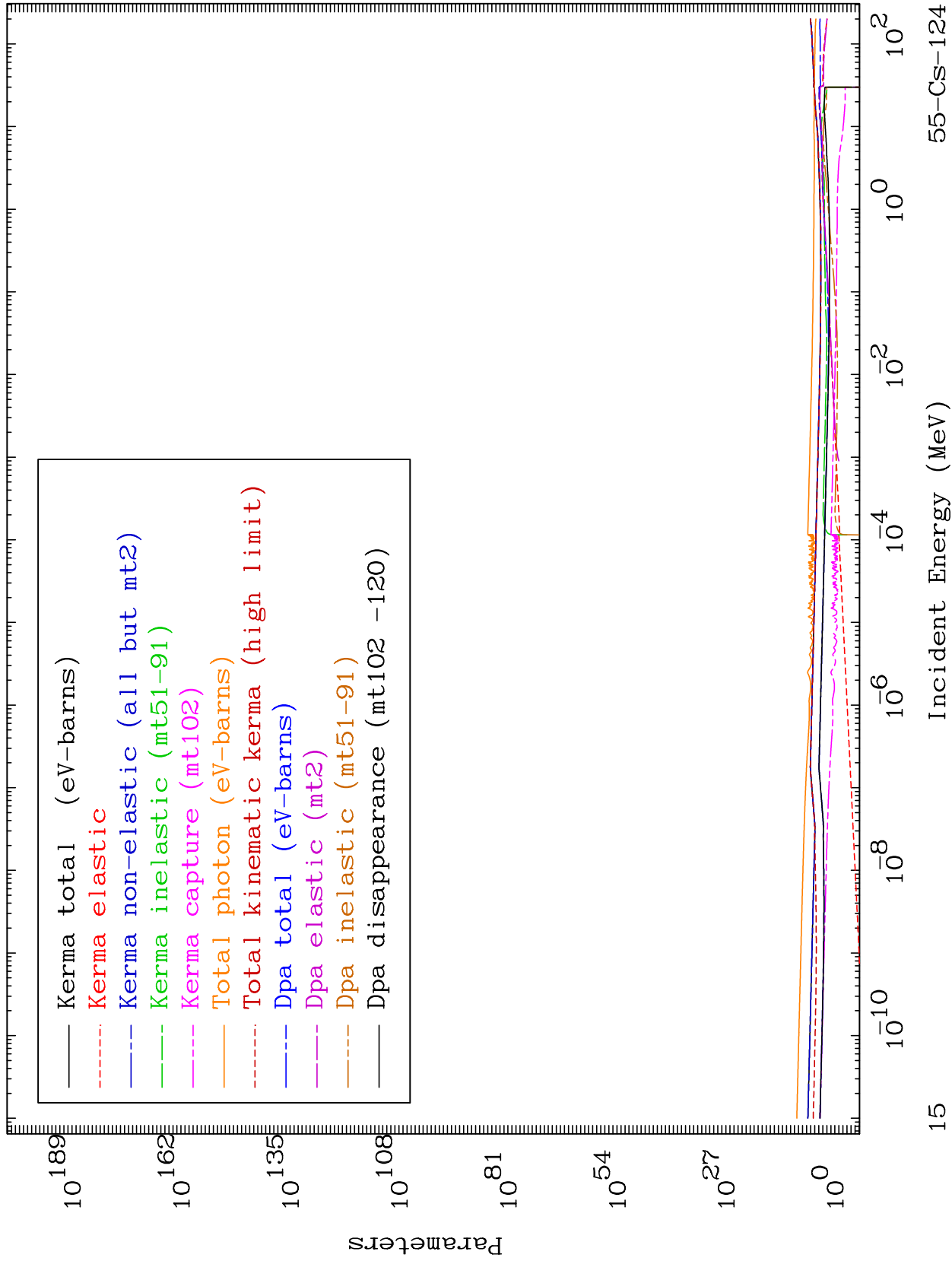
55-Cs-124

MAT 5499

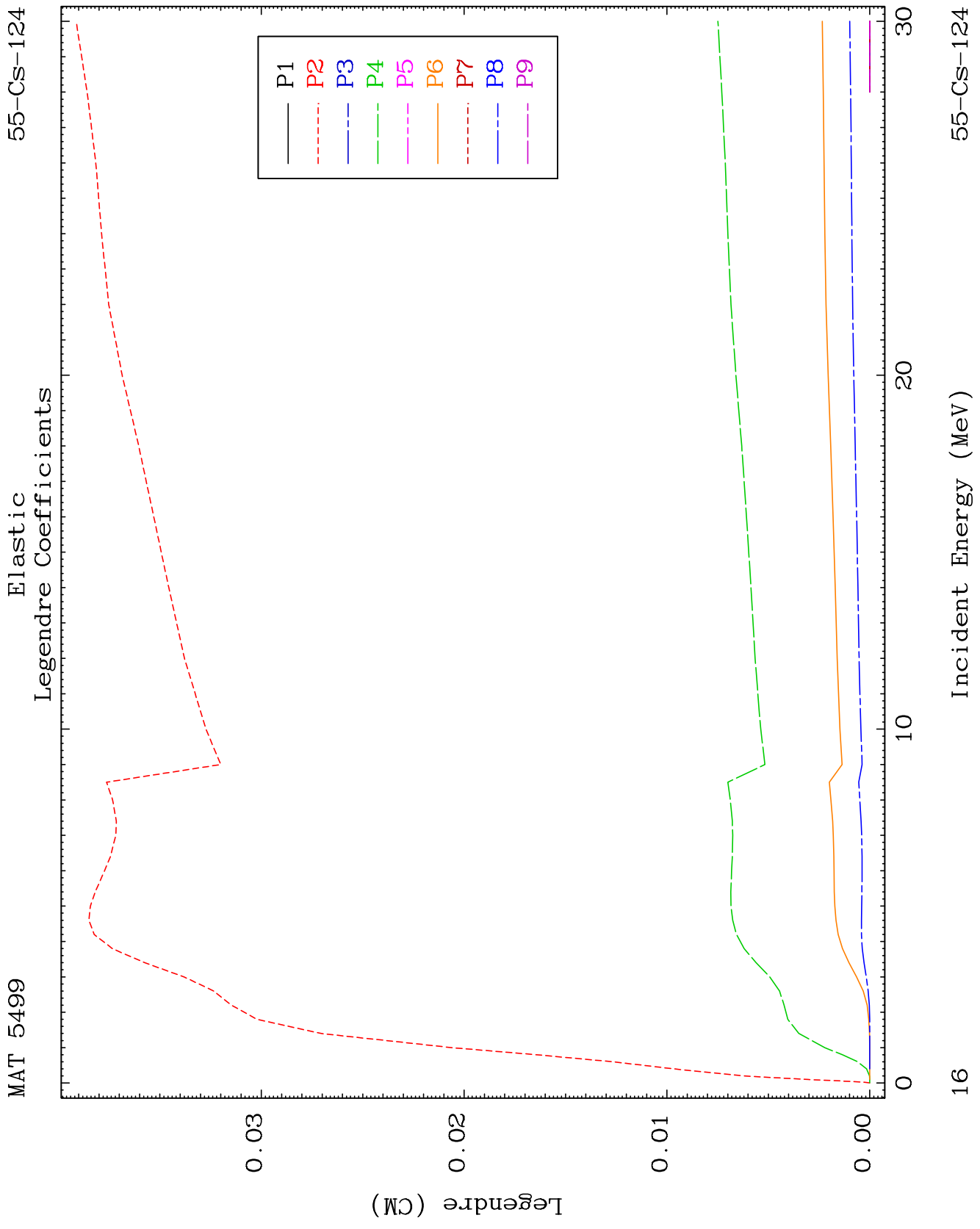
(n,α) Levels  
293 Kelvin Cross Sections

55-Cs-124





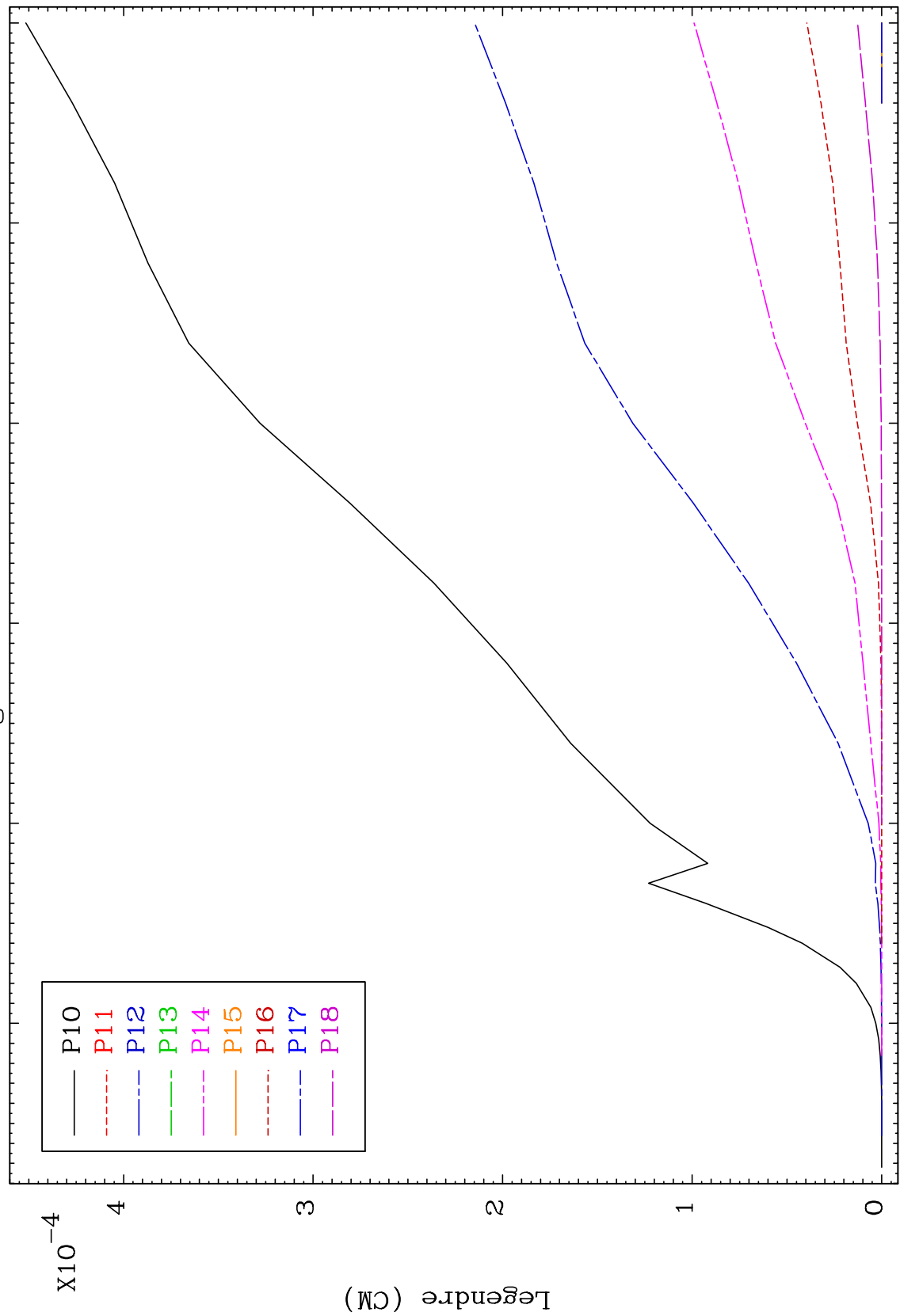




MAT 5499

Elastic  
Legendre Coefficients

55-Cs-124



17

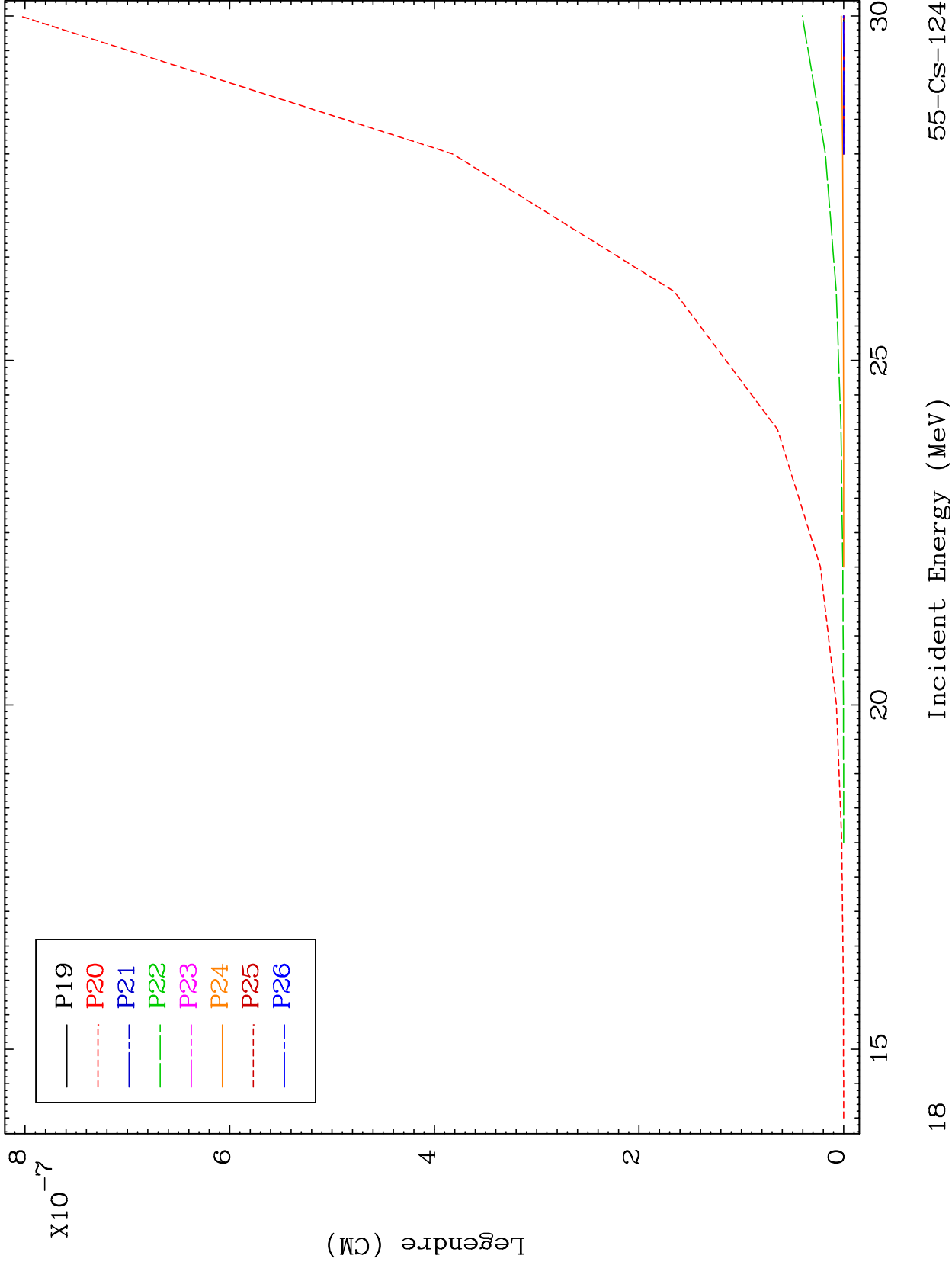
55-Cs-124

Incident Energy (MeV)

MAT 5499

Elastic  
Legendre Coefficients

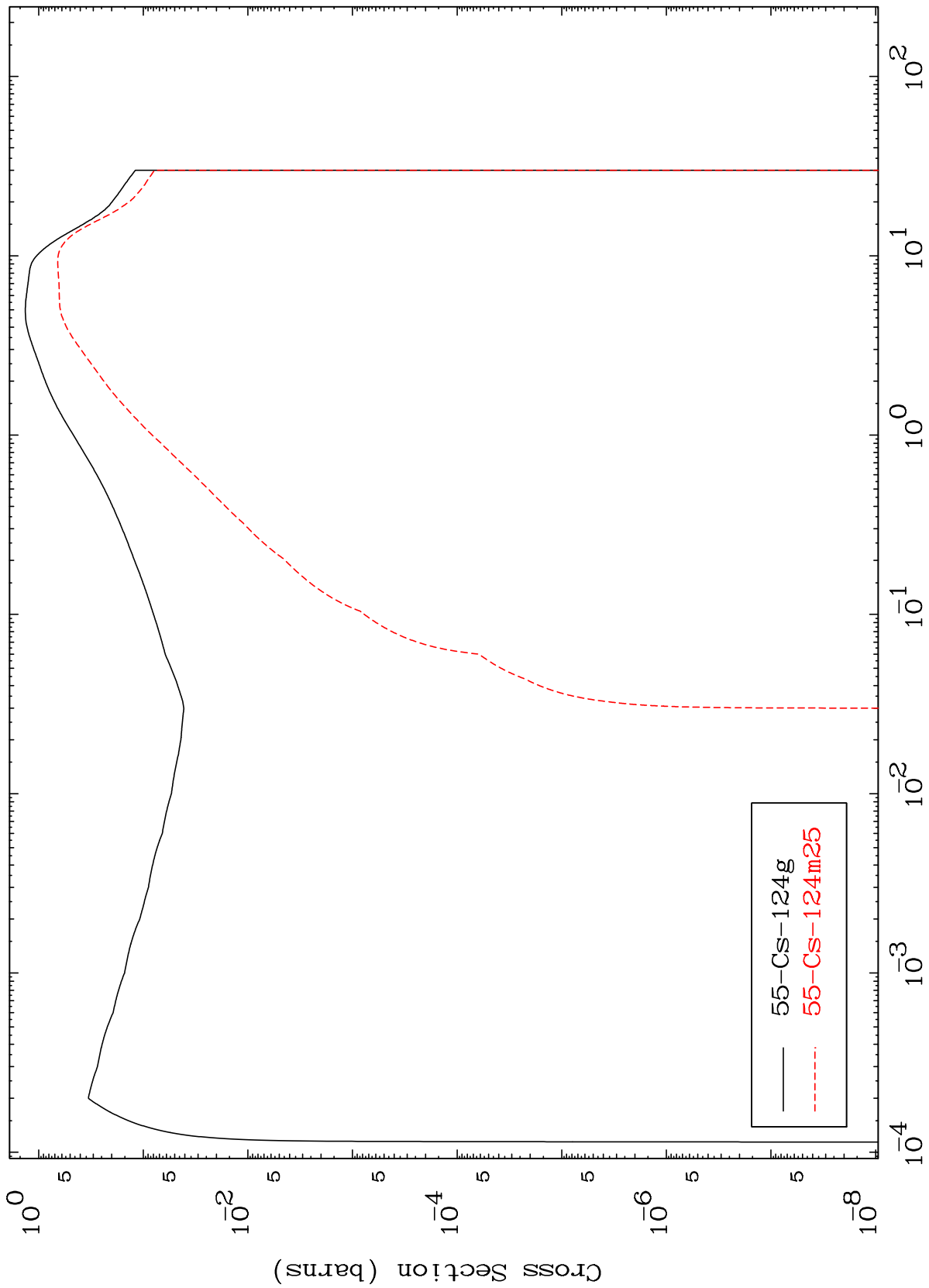
55-Cs-124



MAT 5499

55-Cs-124

Inelastic  
Radionuclide Production Cross Section



— 55-Cs-124g  
- - - 55-Cs-124m25

19

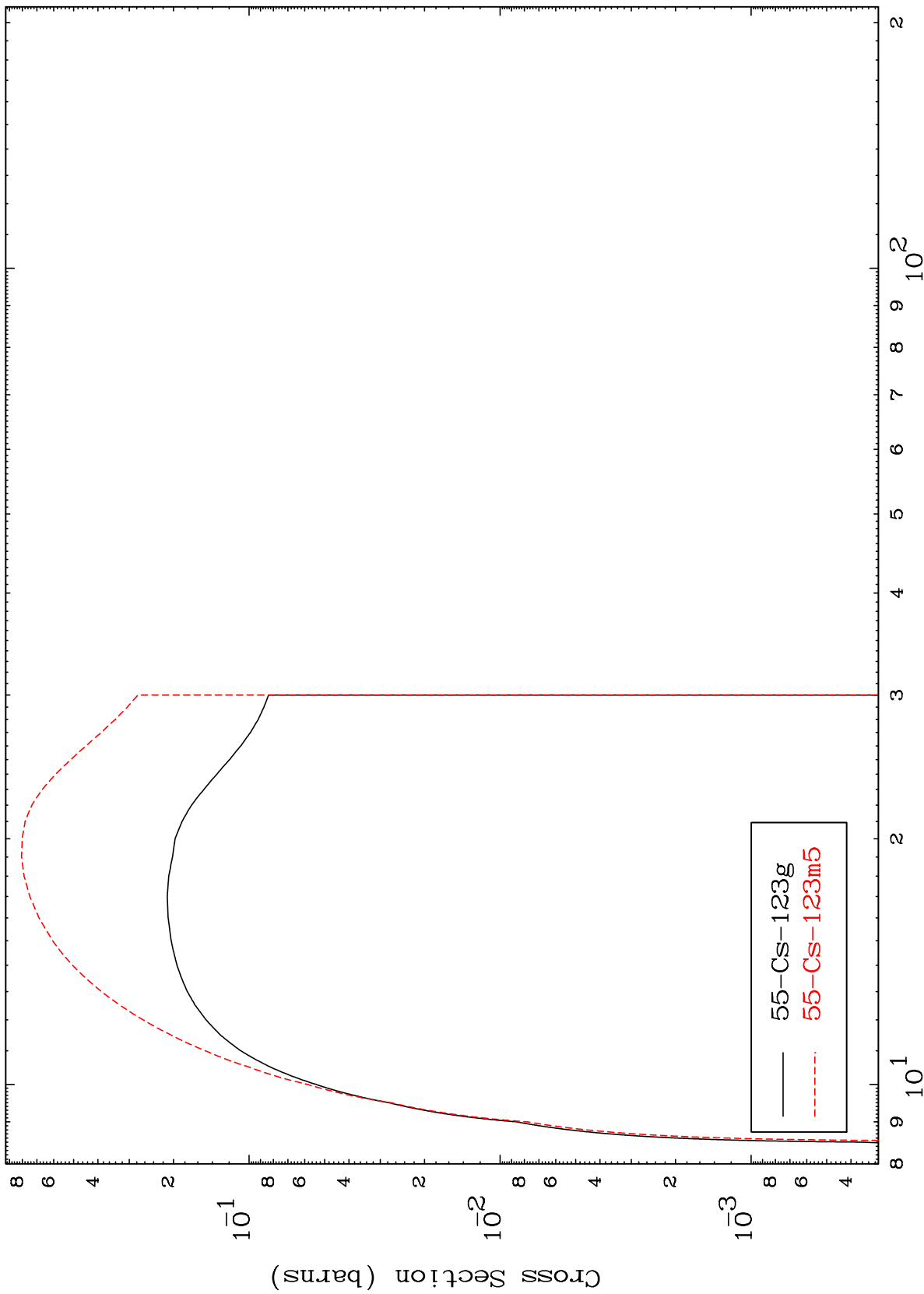
55-Cs-124

Incident Energy (MeV)

MAT 5499

55-Cs-124

(n,2n)  
Radionuclide Production Cross Section



55-Cs-124

Incident Energy (MeV)

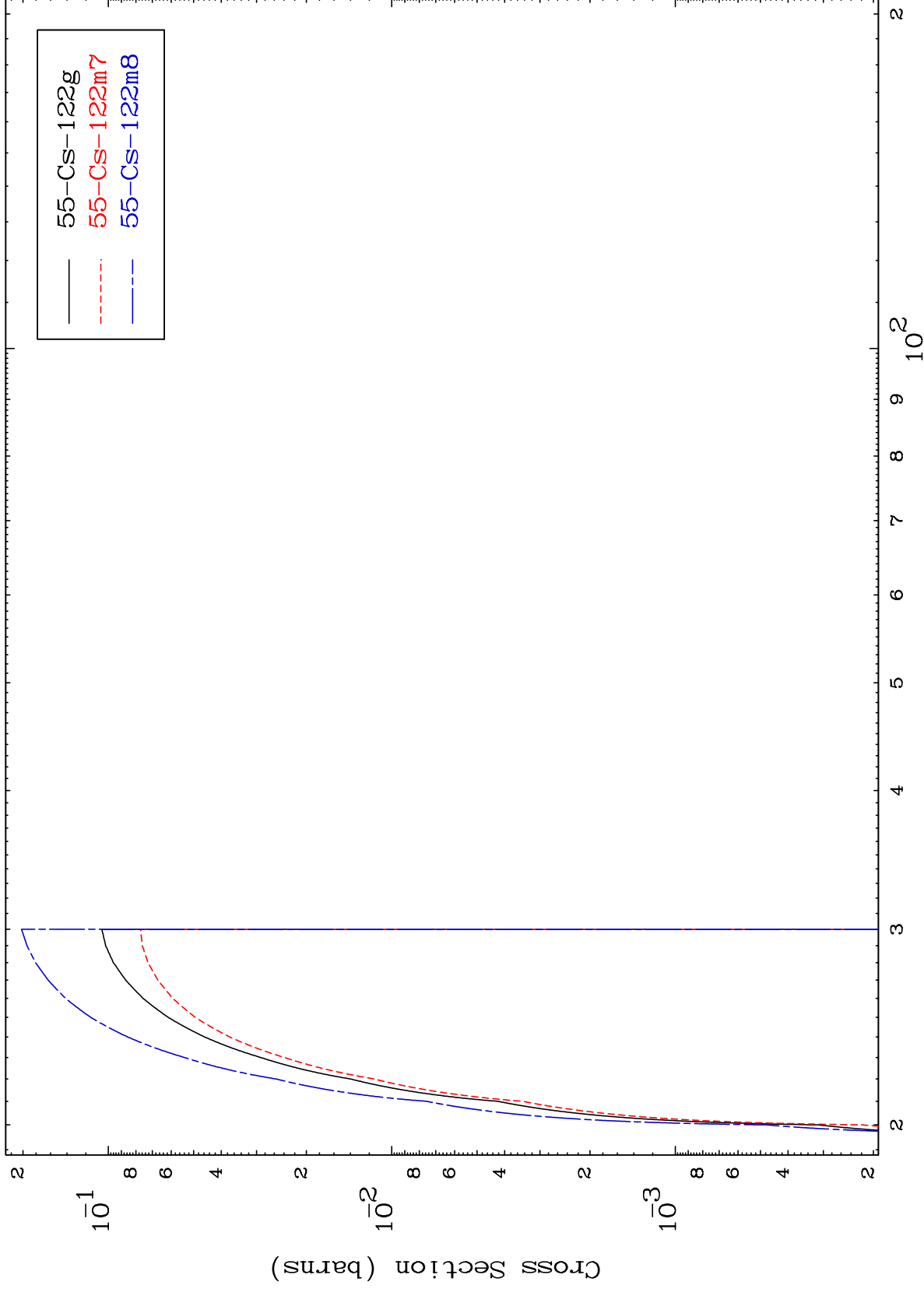
20

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(n,3n)

55-Cs-124

Radionuclide Production Cross Section



21

Incident Energy (MeV)

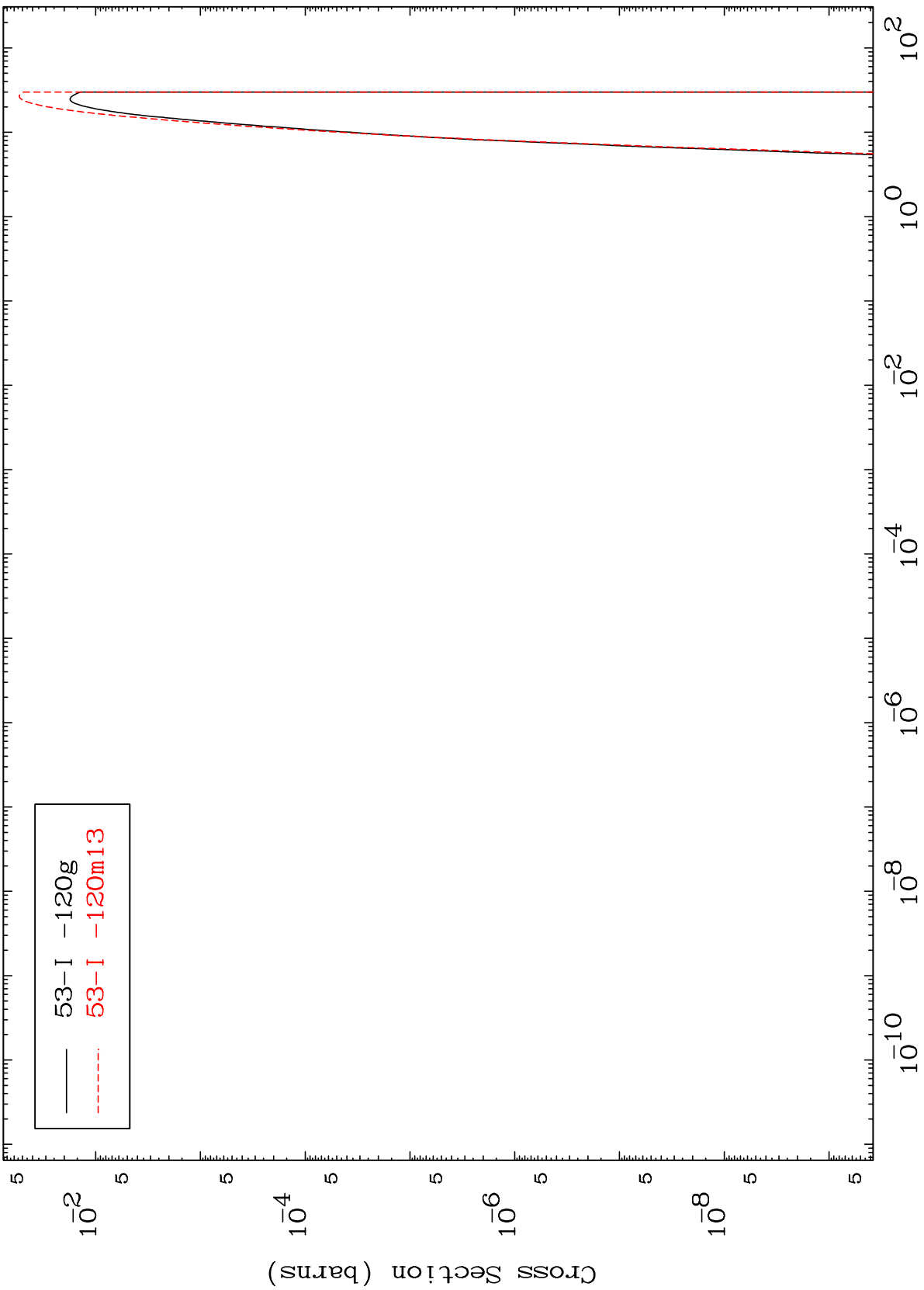
55-Cs-124

MAT 5499

$(n, n')$   $\alpha$

55-Cs-124

Radionuclide Production Cross Section



22

Incident Energy (MeV)

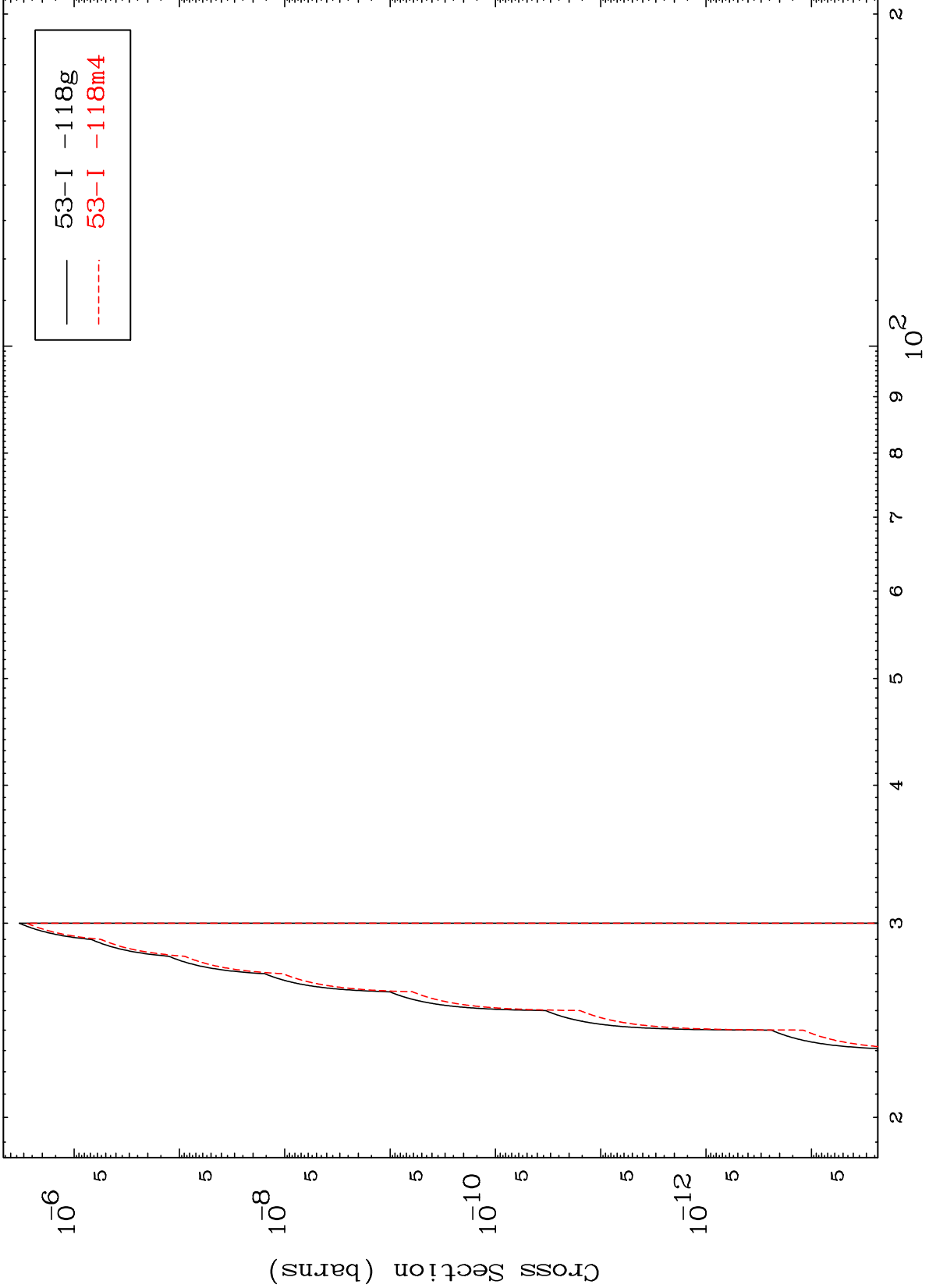
55-Cs-124

MAT 5499

(n,3n)  $\alpha$

55-Cs-124

Radionuclide Production Cross Section



23

Incident Energy (MeV)

55-Cs-124

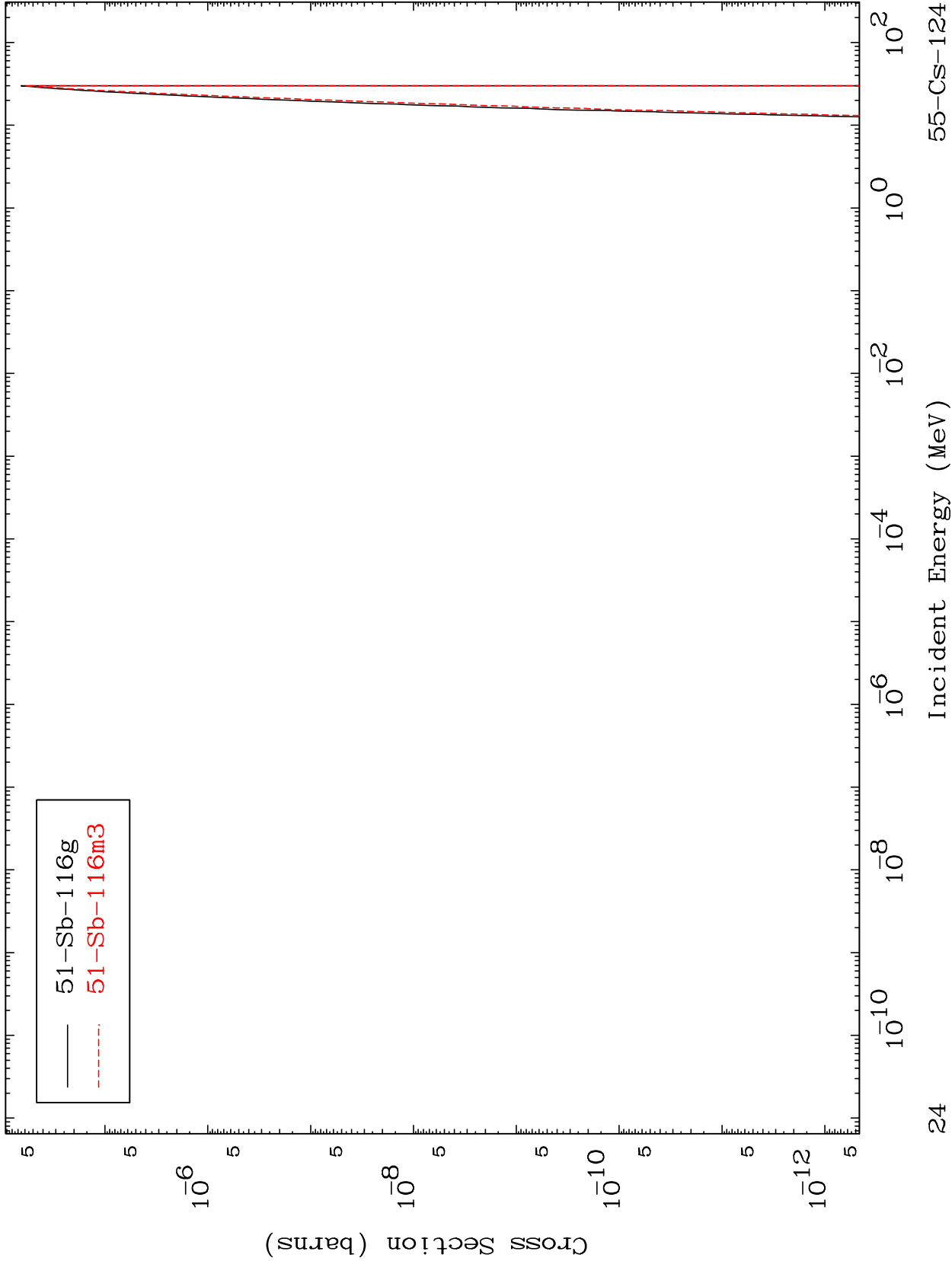


MAT 5499

(n,n') 2α

55-Cs-124

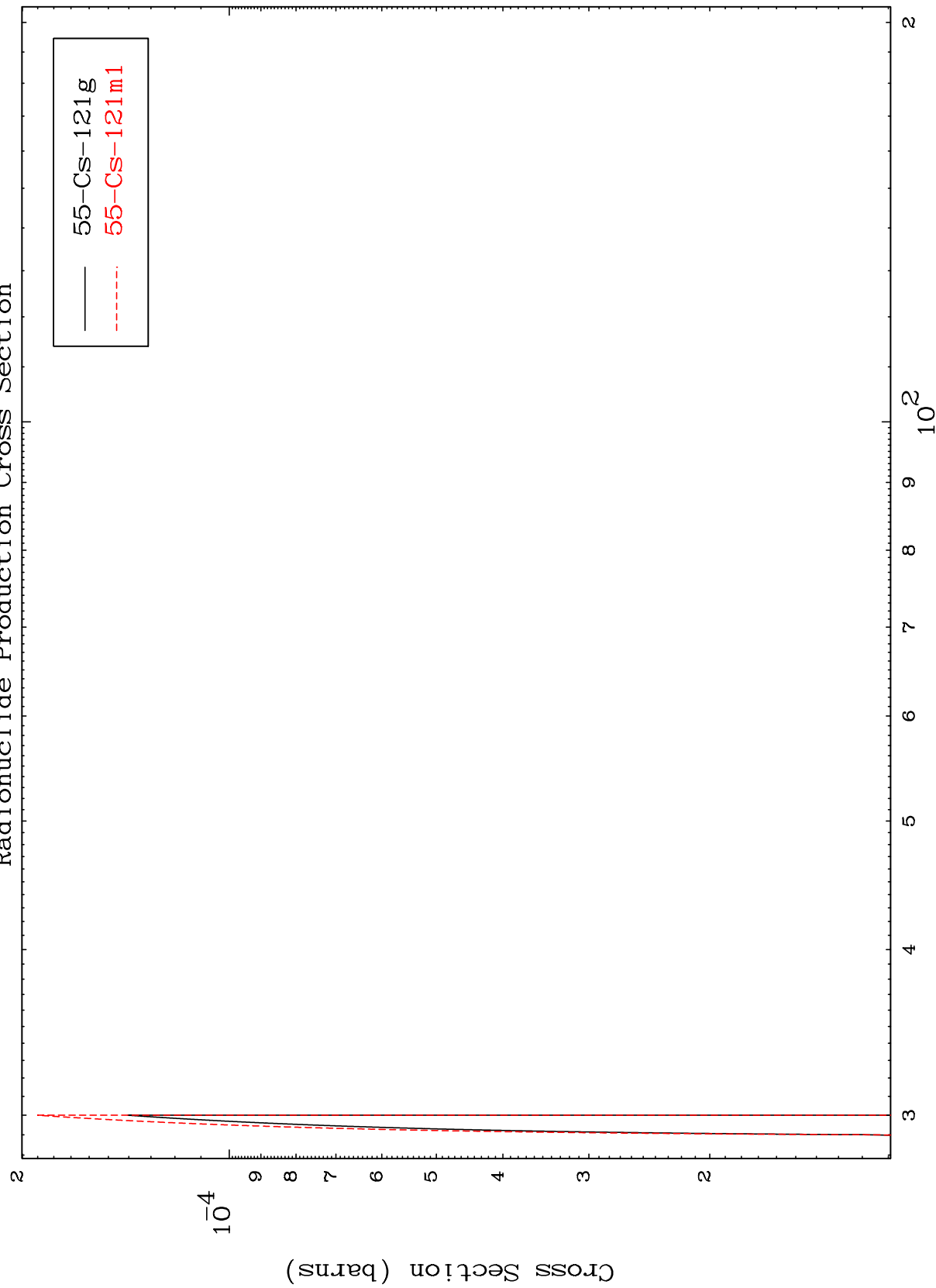
Radionuclide Production Cross Section



MAT 5499

55-Cs-124

(n,4n)  
Radionuclide Production Cross Section



25

Incident Energy (MeV)

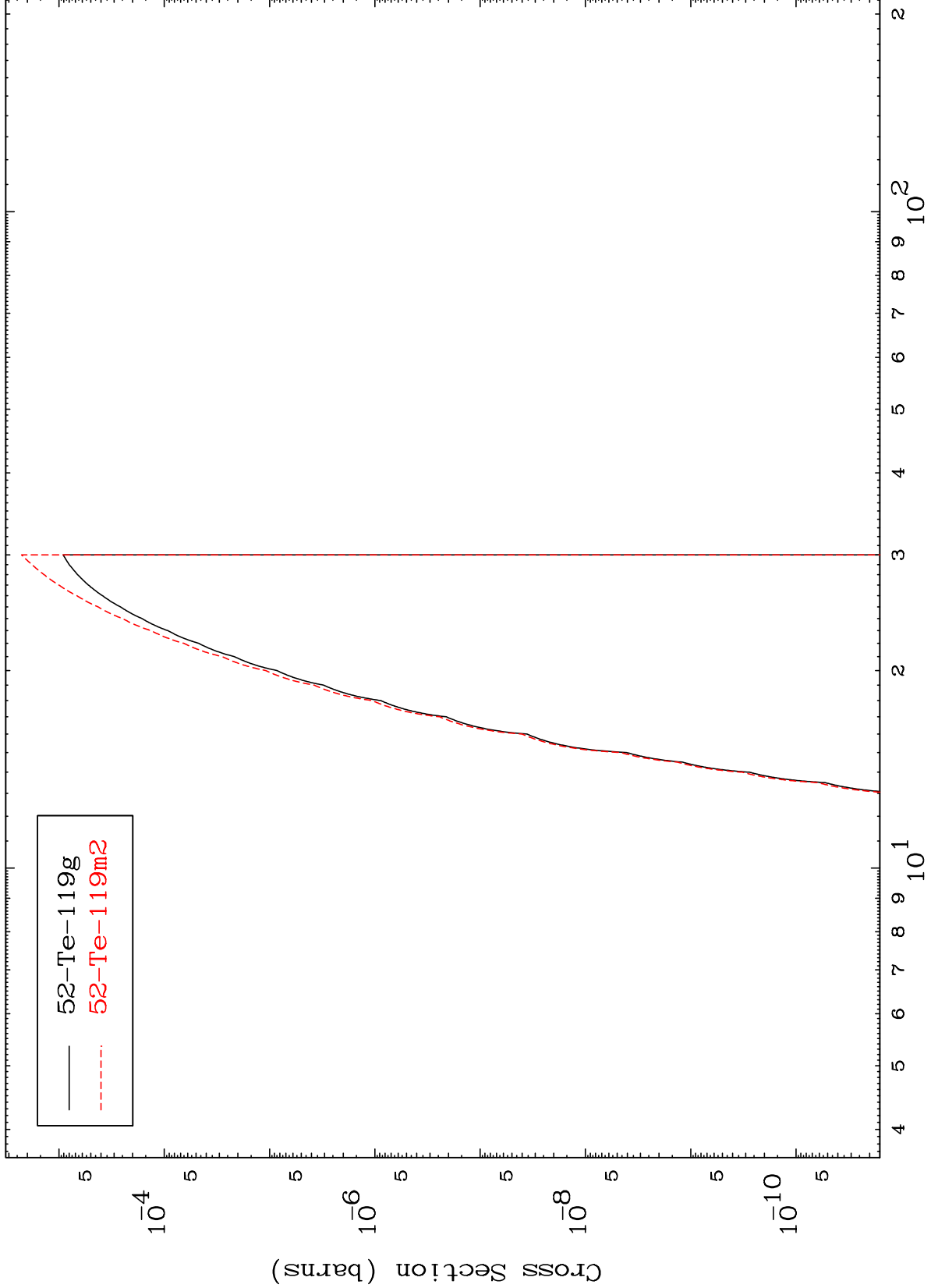
55-Cs-124

MAT 5499

(n,n') p  $\alpha$

55-Cs-124

Radionuclide Production Cross Section



52-Te-119g  
52-Te-119m2

26

Incident Energy (MeV)

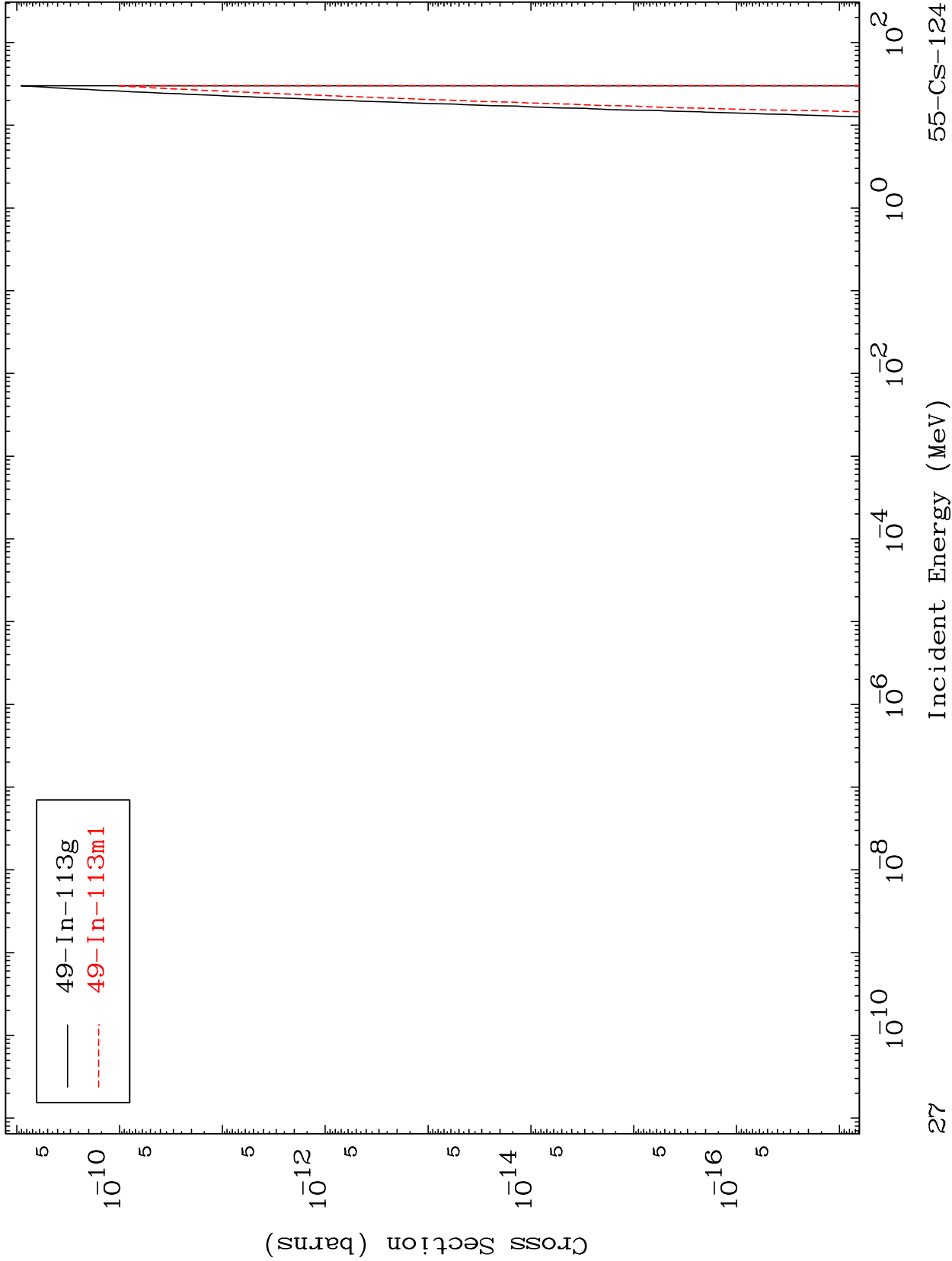
55-Cs-124

MAT 5499

(n, 3α)

55-Cs-124

Radionuclide Production Cross Section

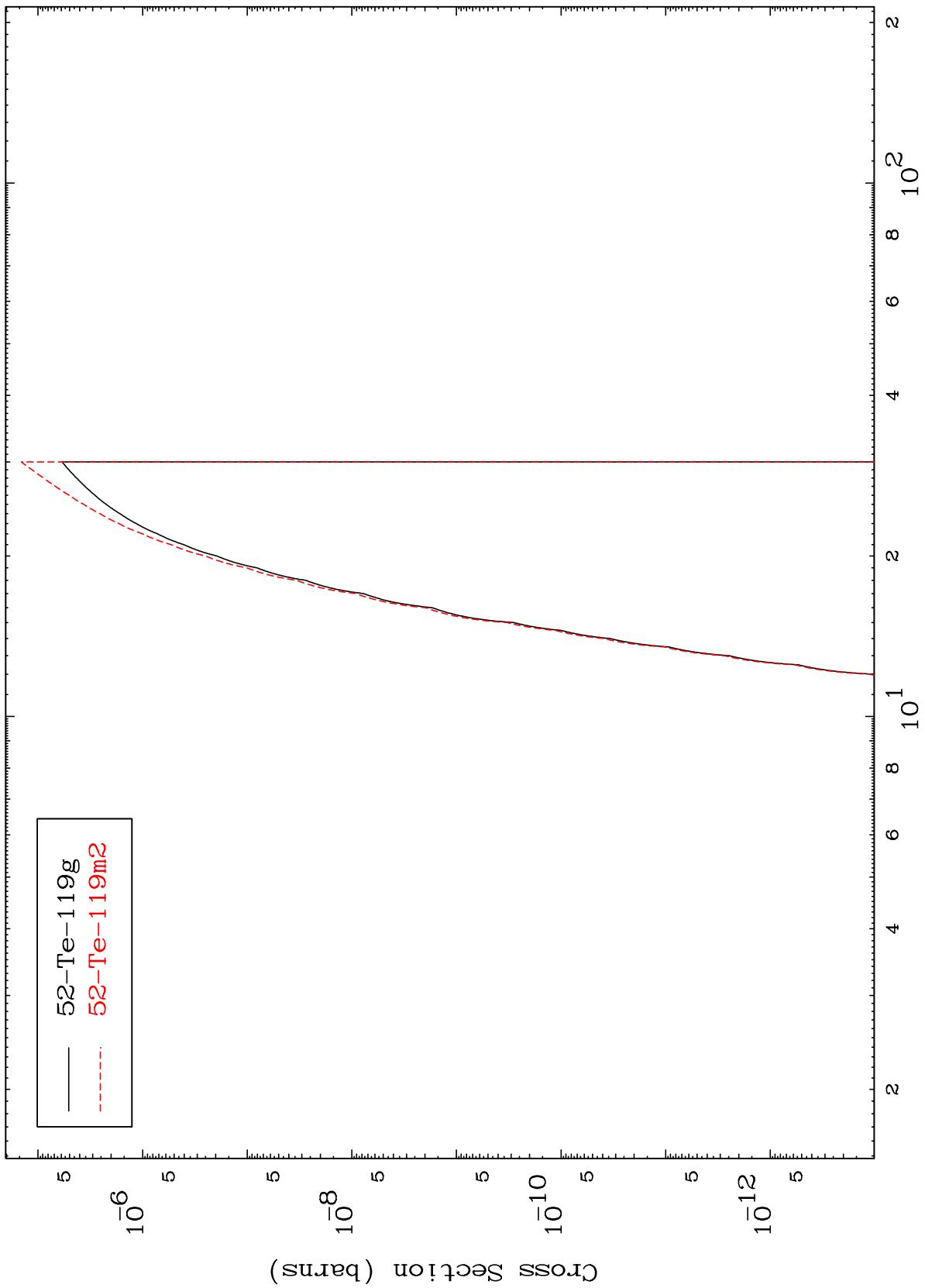


MAT 5499

(n,d)  $\alpha$

55-Cs-124

Radionuclide Production Cross Section



28

Incident Energy (MeV)

55-Cs-124