

Program EVALPLOT  
(Version 2015-2)

by

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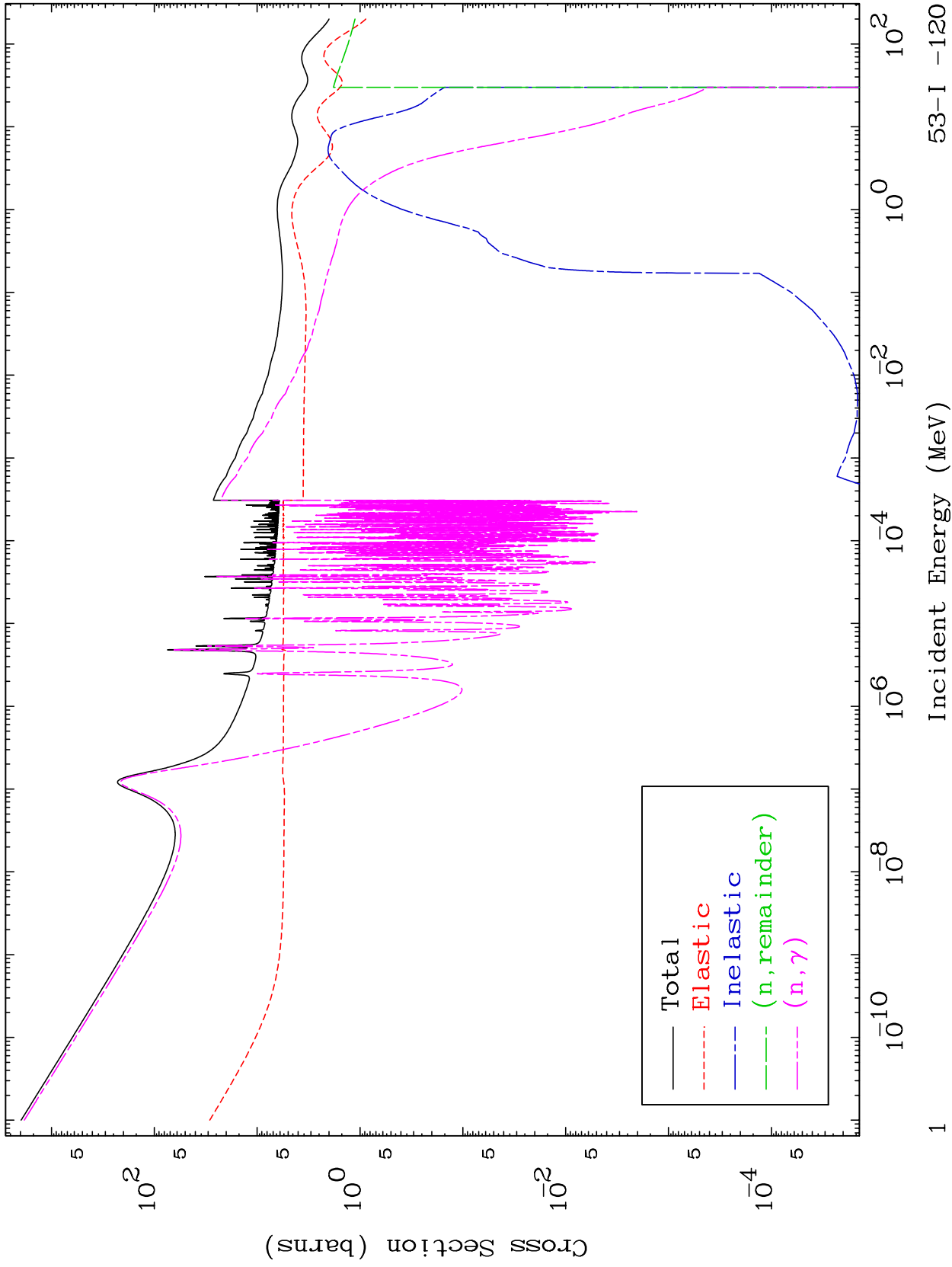
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5305

Major  
293 Kelvin Cross Sections

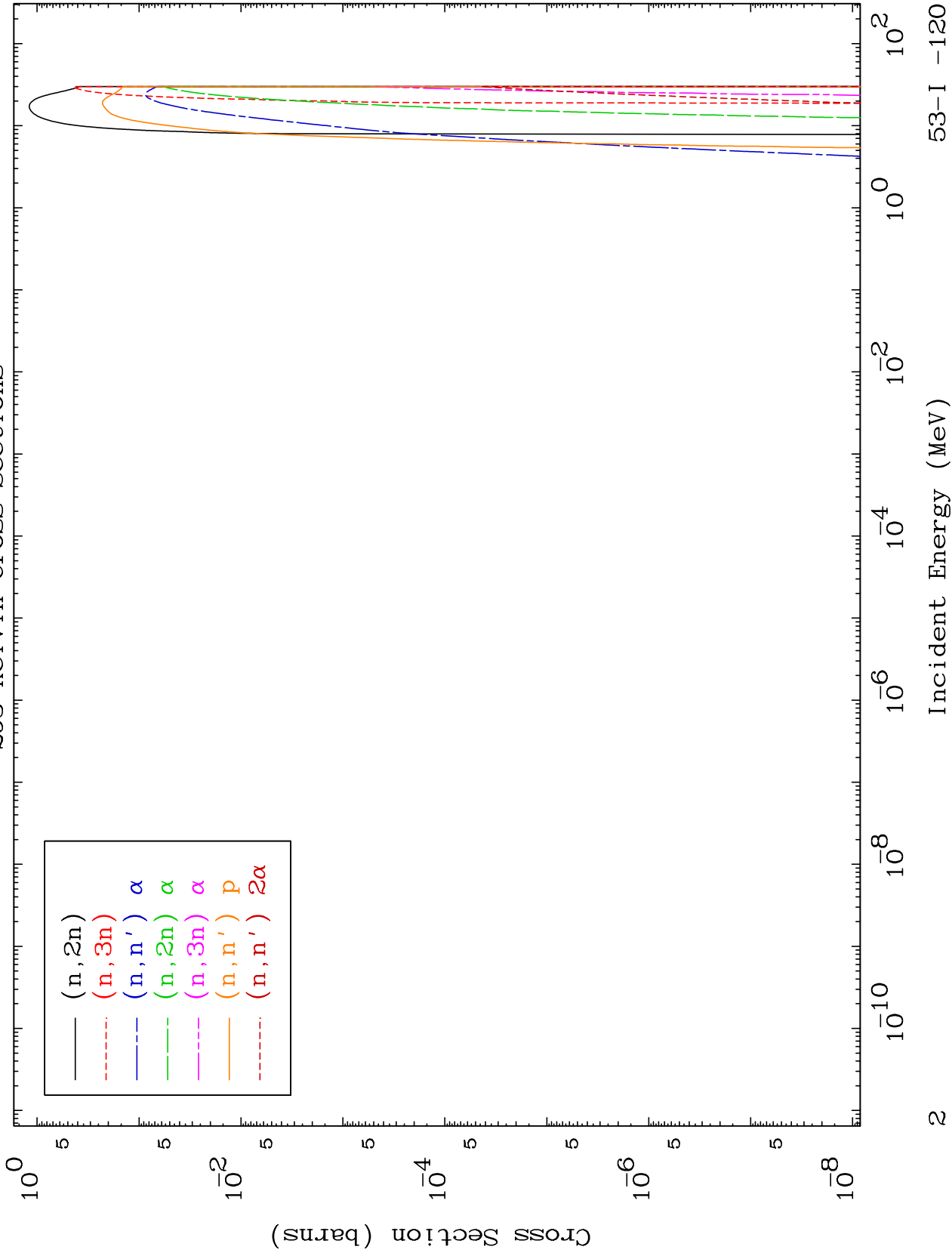
53-I -120

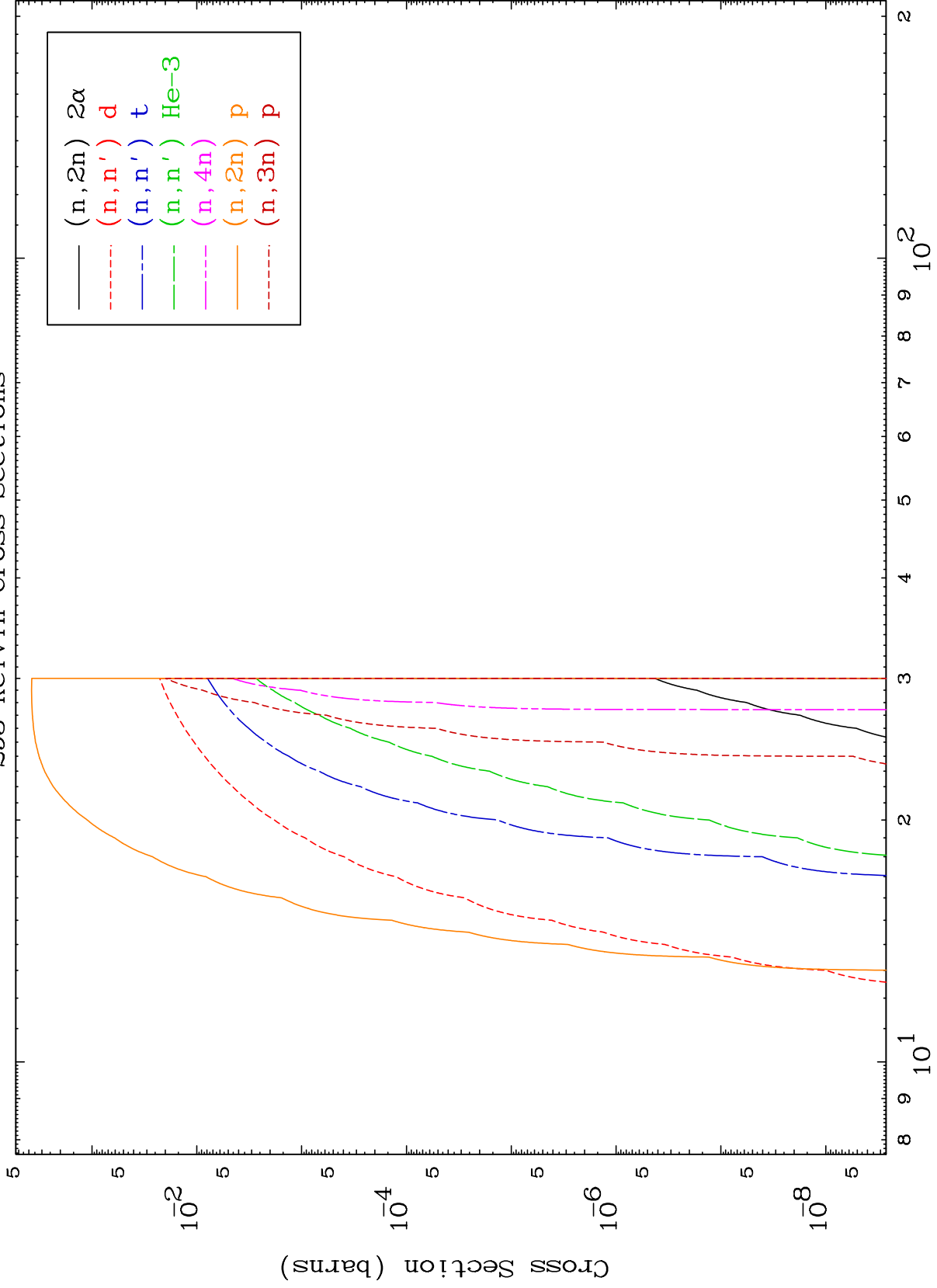


MAT 5305

Neutron Production  
293 Kelvin Cross Sections

53-I -120

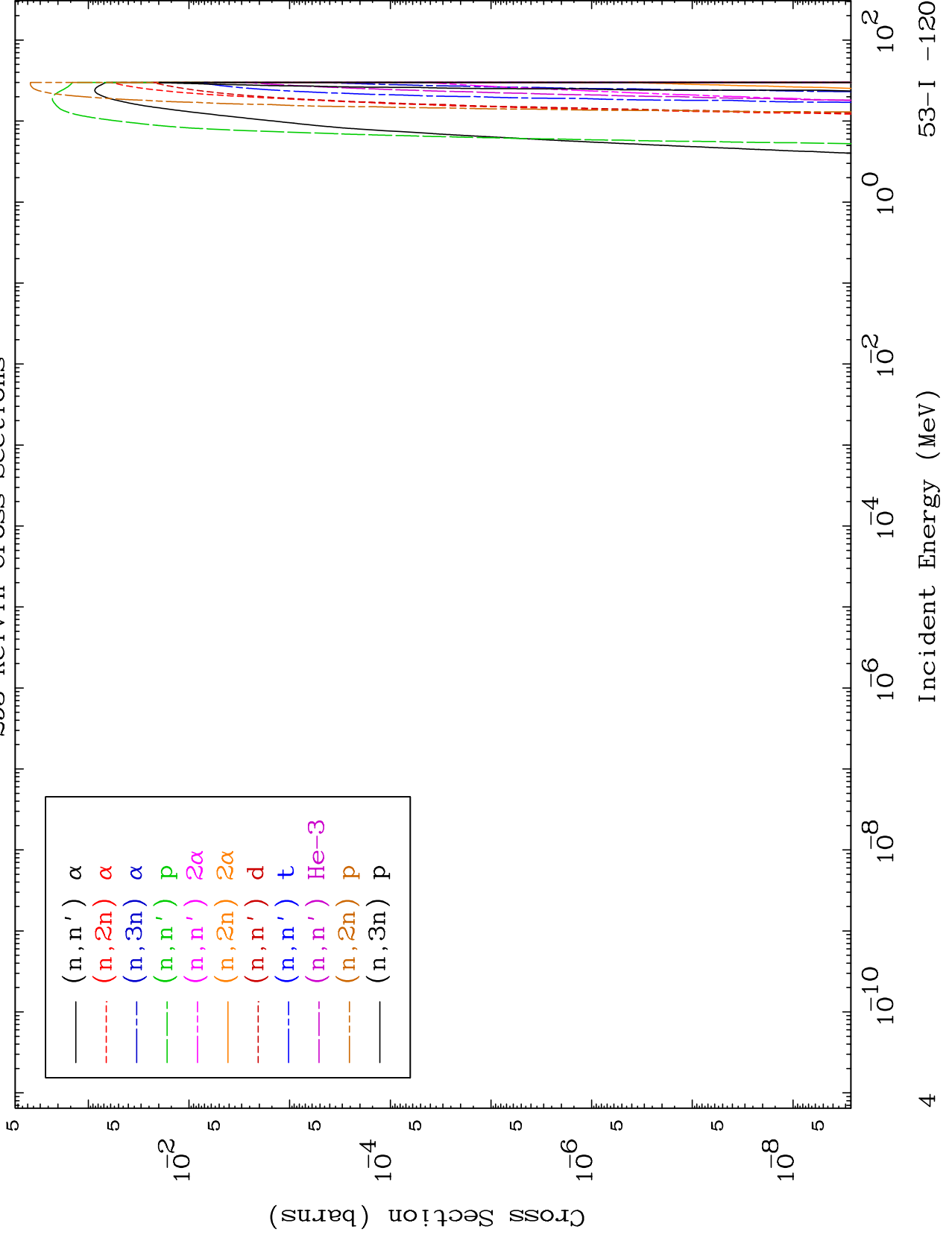


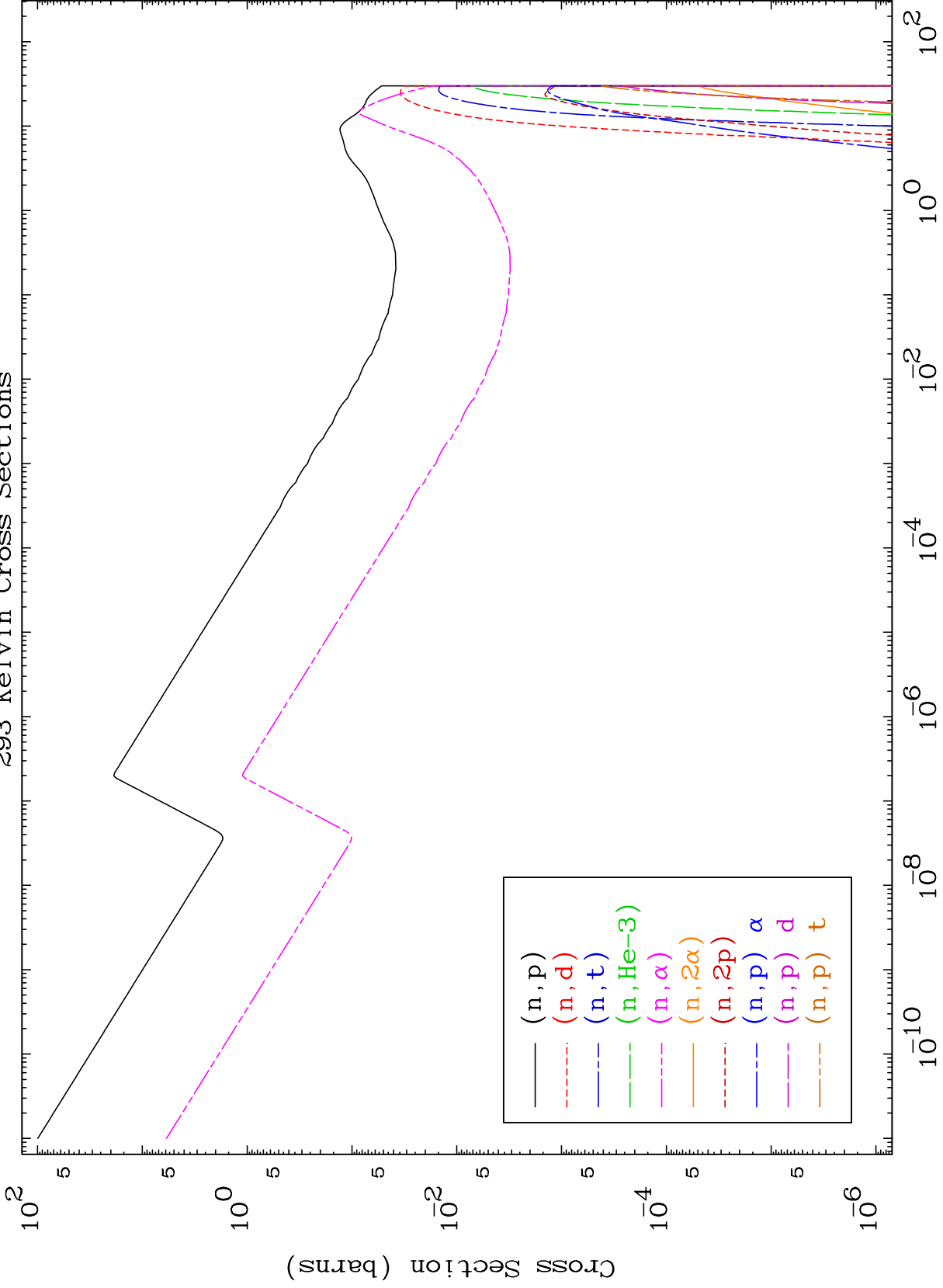


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Charged Particle  
293 Kelvin Cross Sections

53-I -120

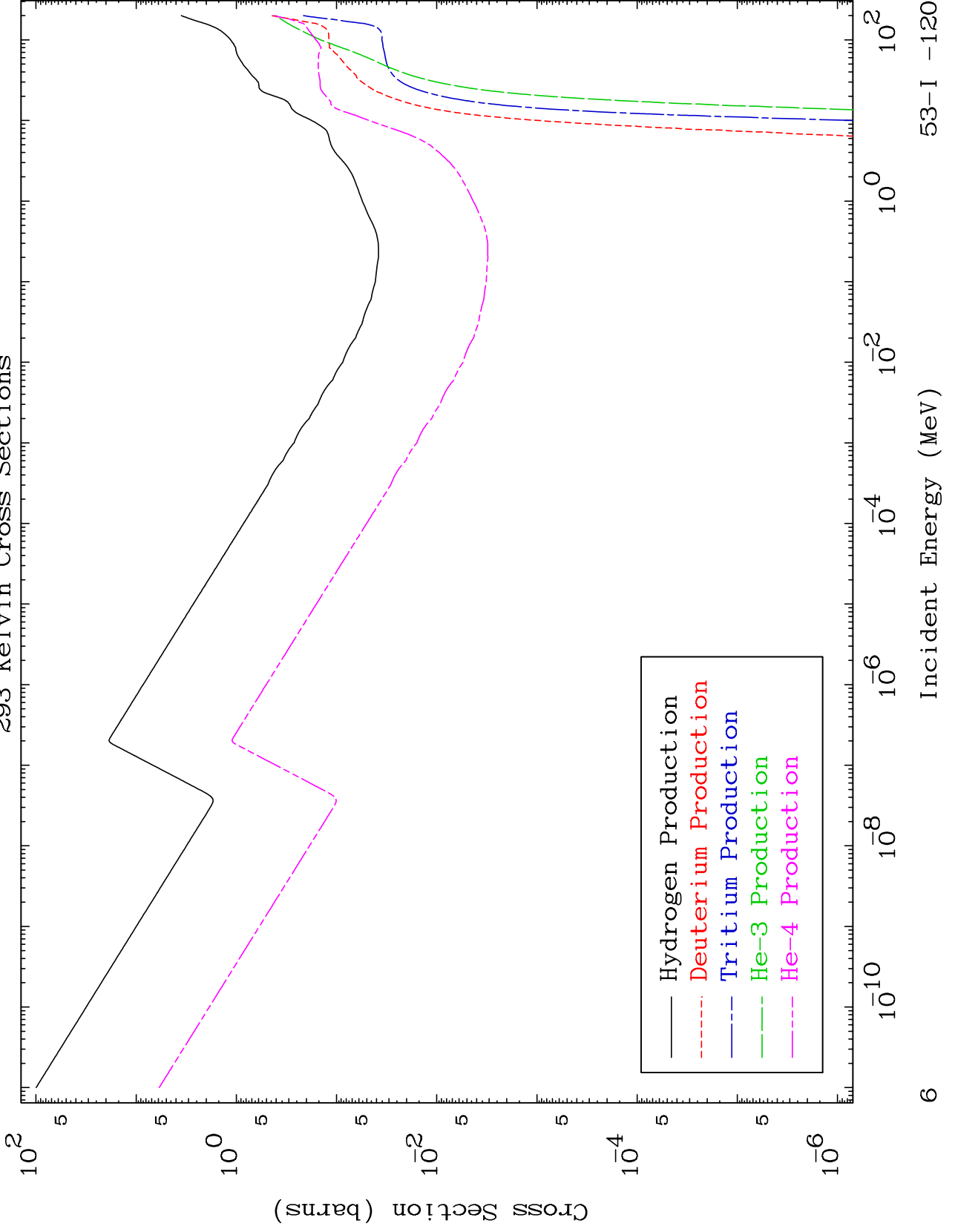




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Particle Production  
293 Kelvin Cross Sections

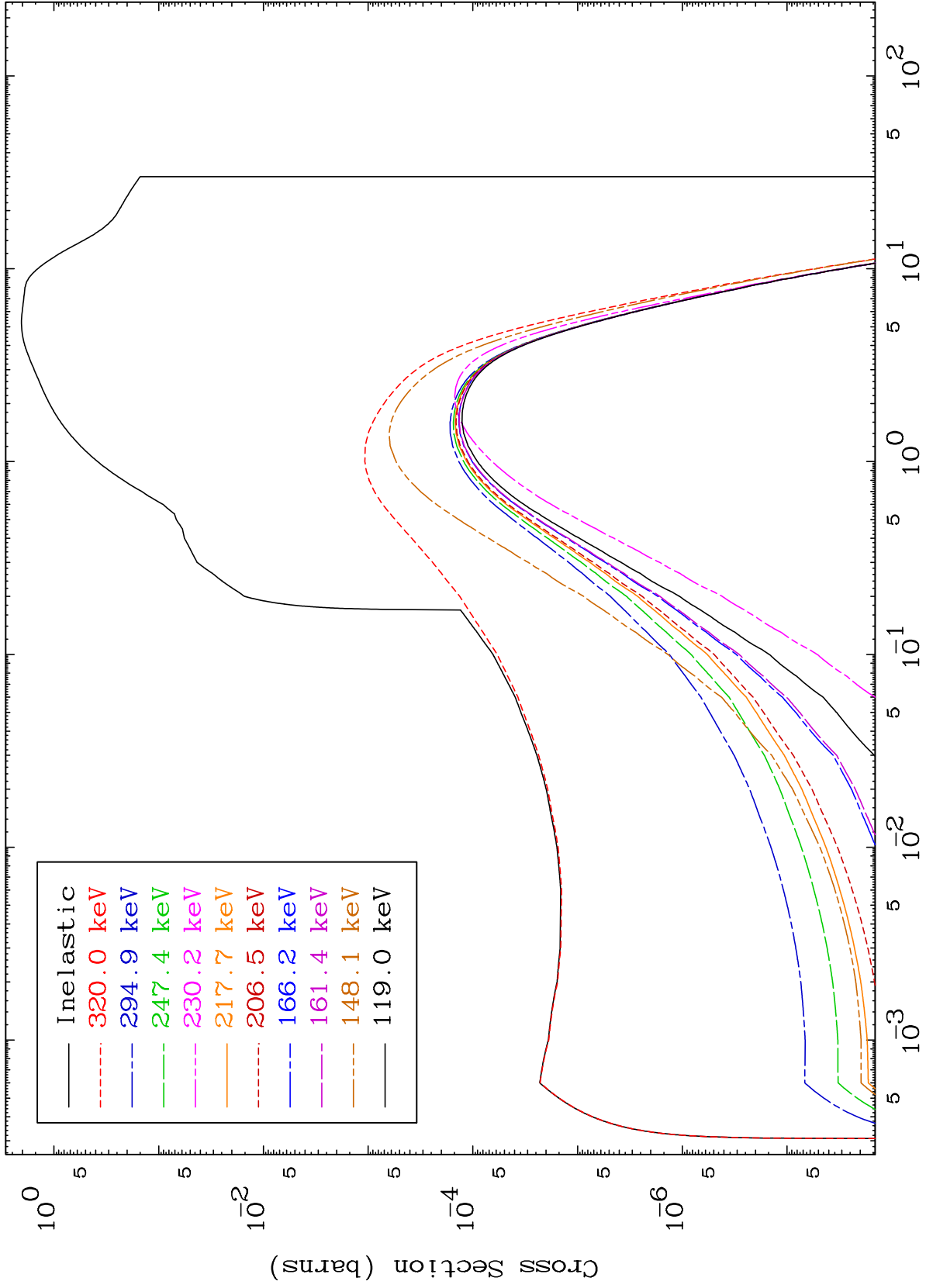
53-I -120



MAT 5305

(n,n') Level  
293 Kelvin Cross Sections

53-I -120

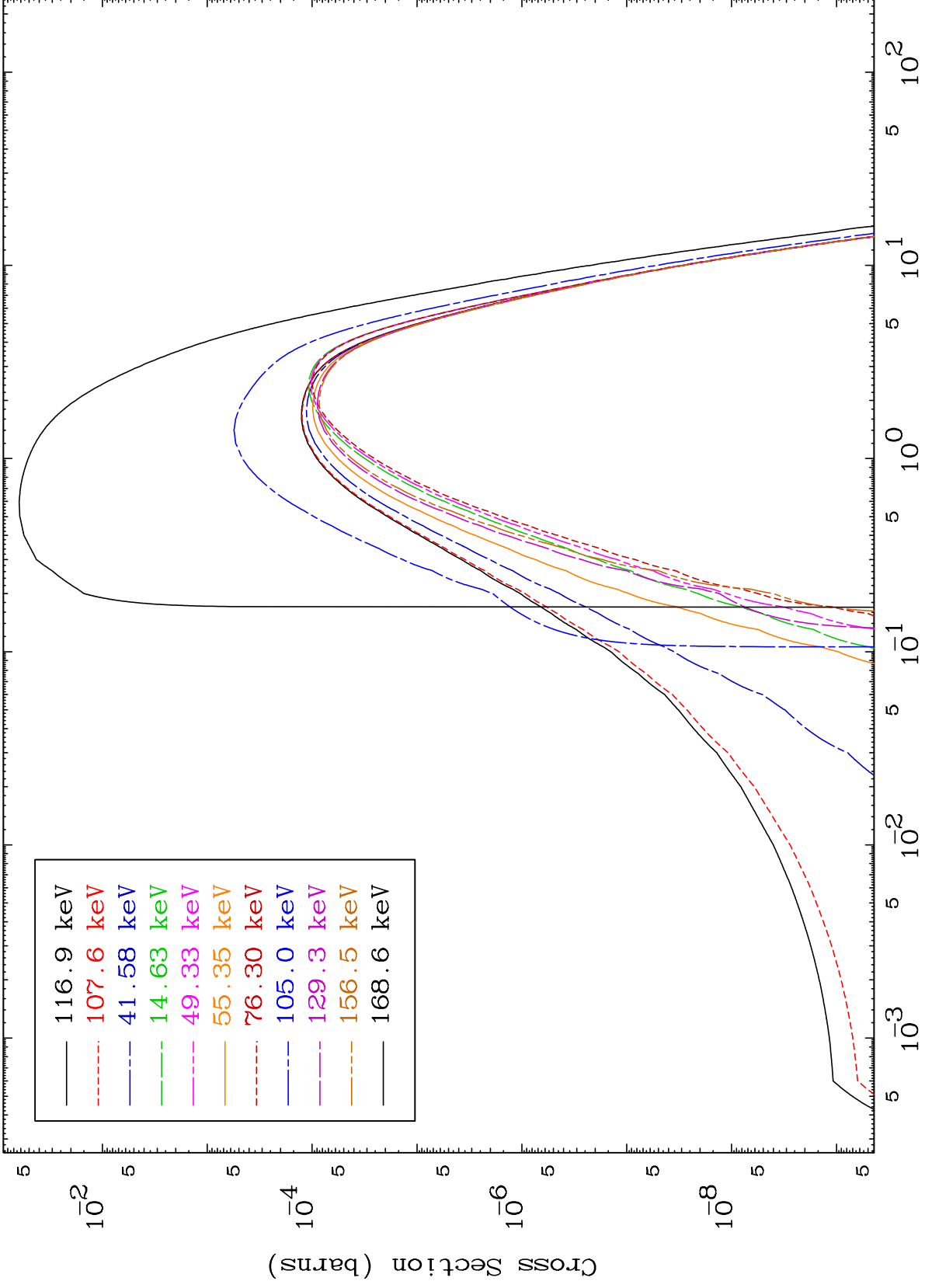


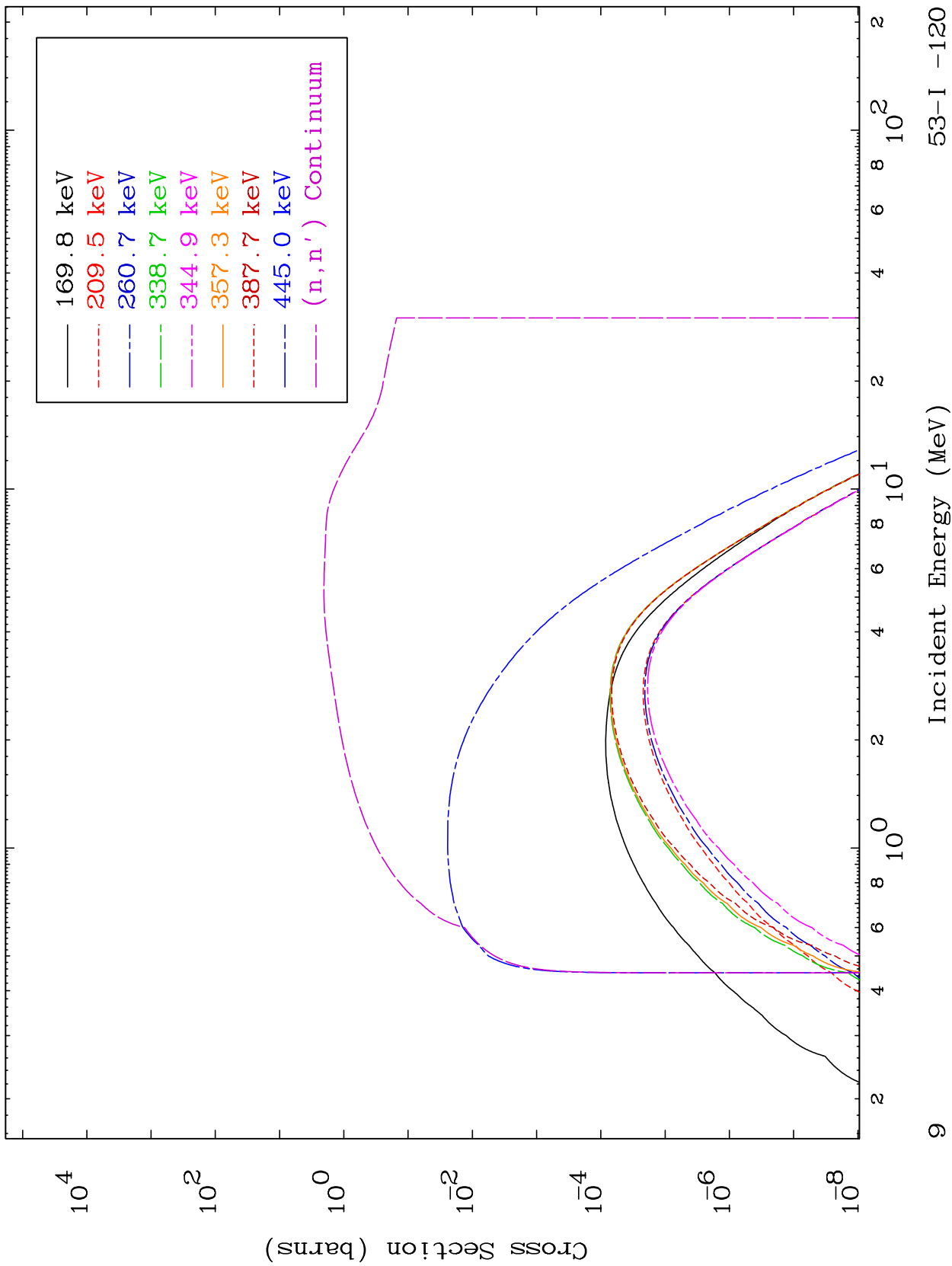


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(n,n') Level  
293 Kelvin Cross Sections

53-I -120

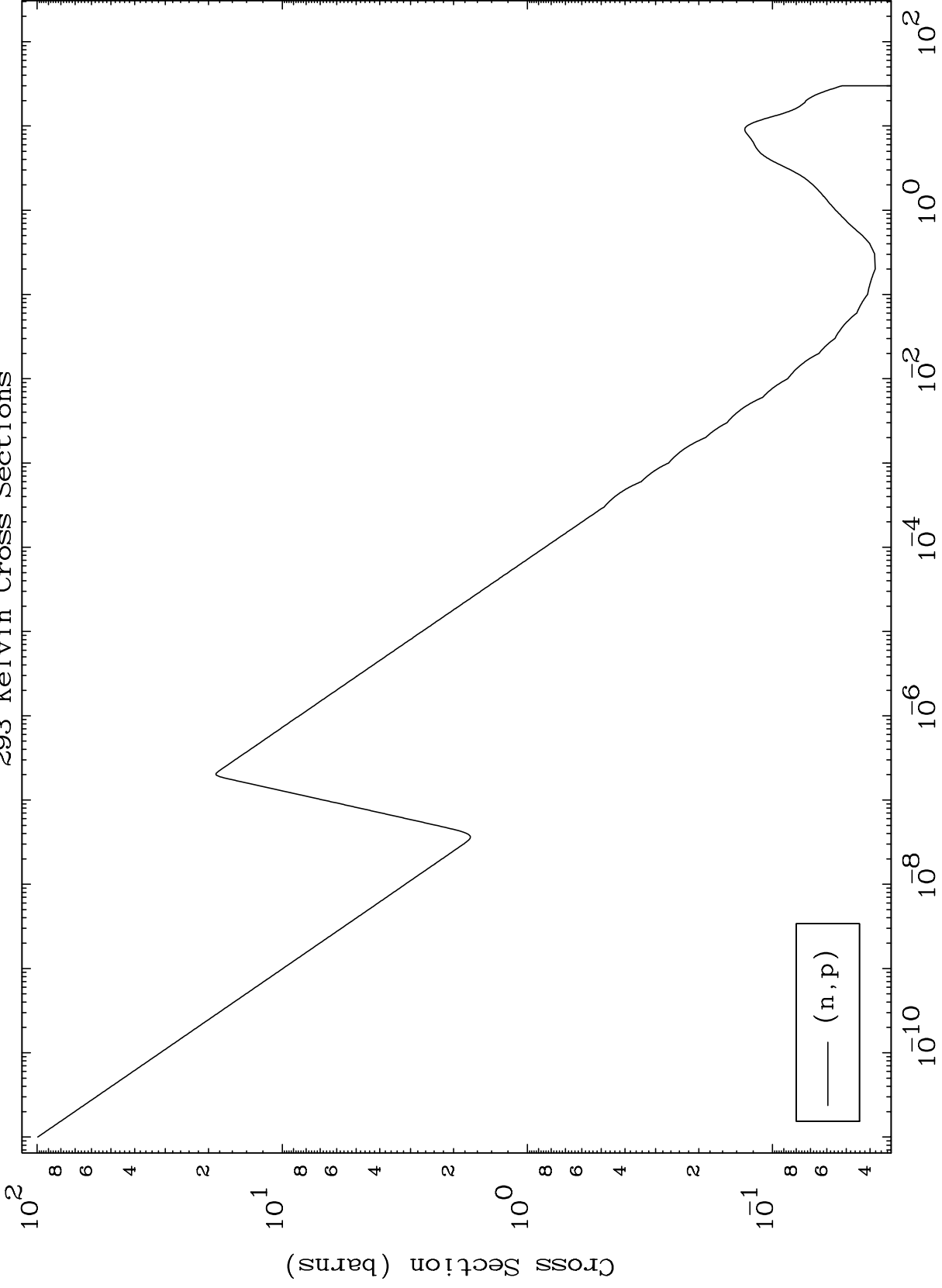




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(n,p) Levels  
293 Kelvin Cross Sections

53-I -120



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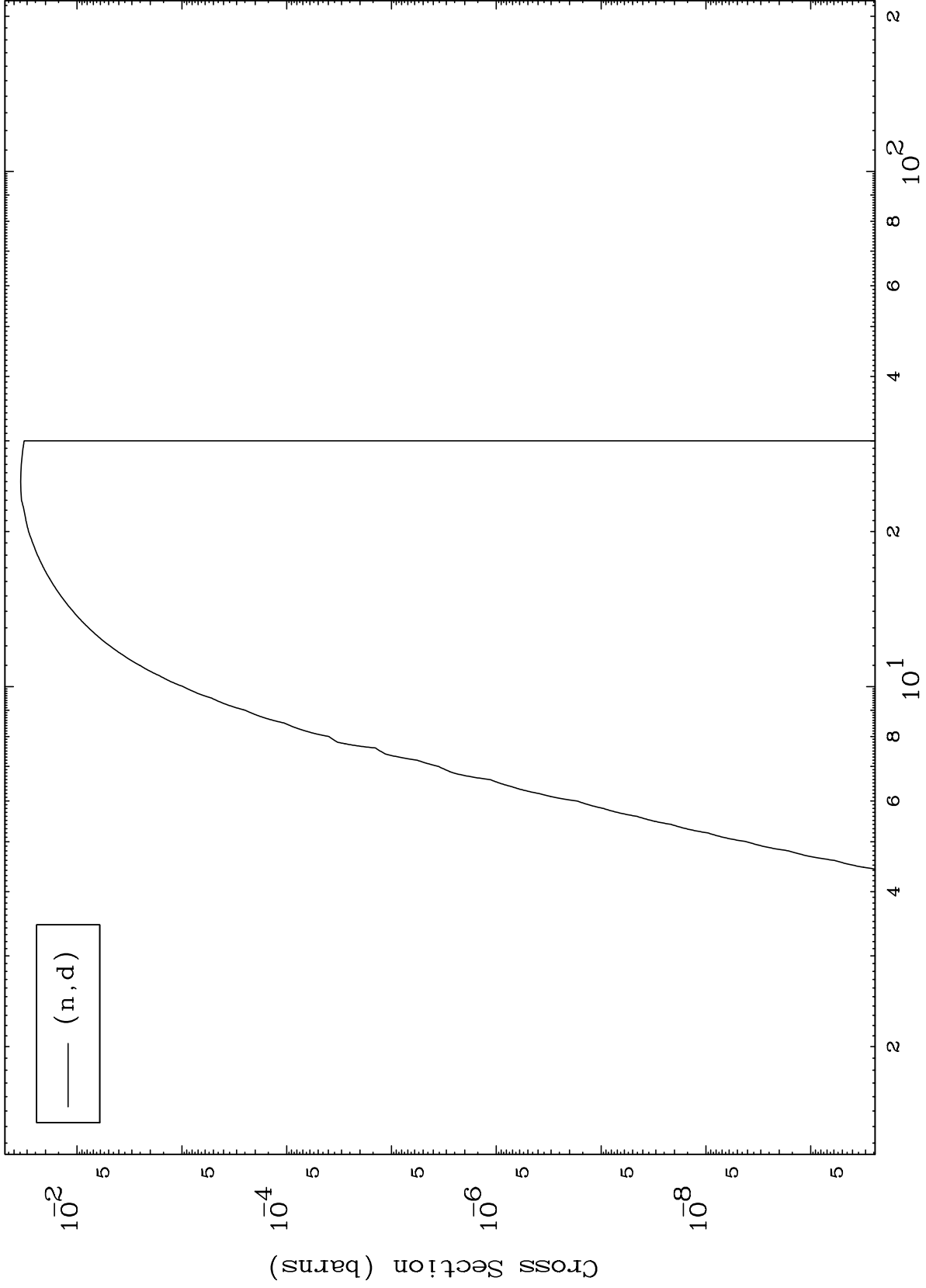
Incident Energy (MeV)

53-I -120

MAT 5305

(n,d) Levels  
293 Kelvin Cross Sections

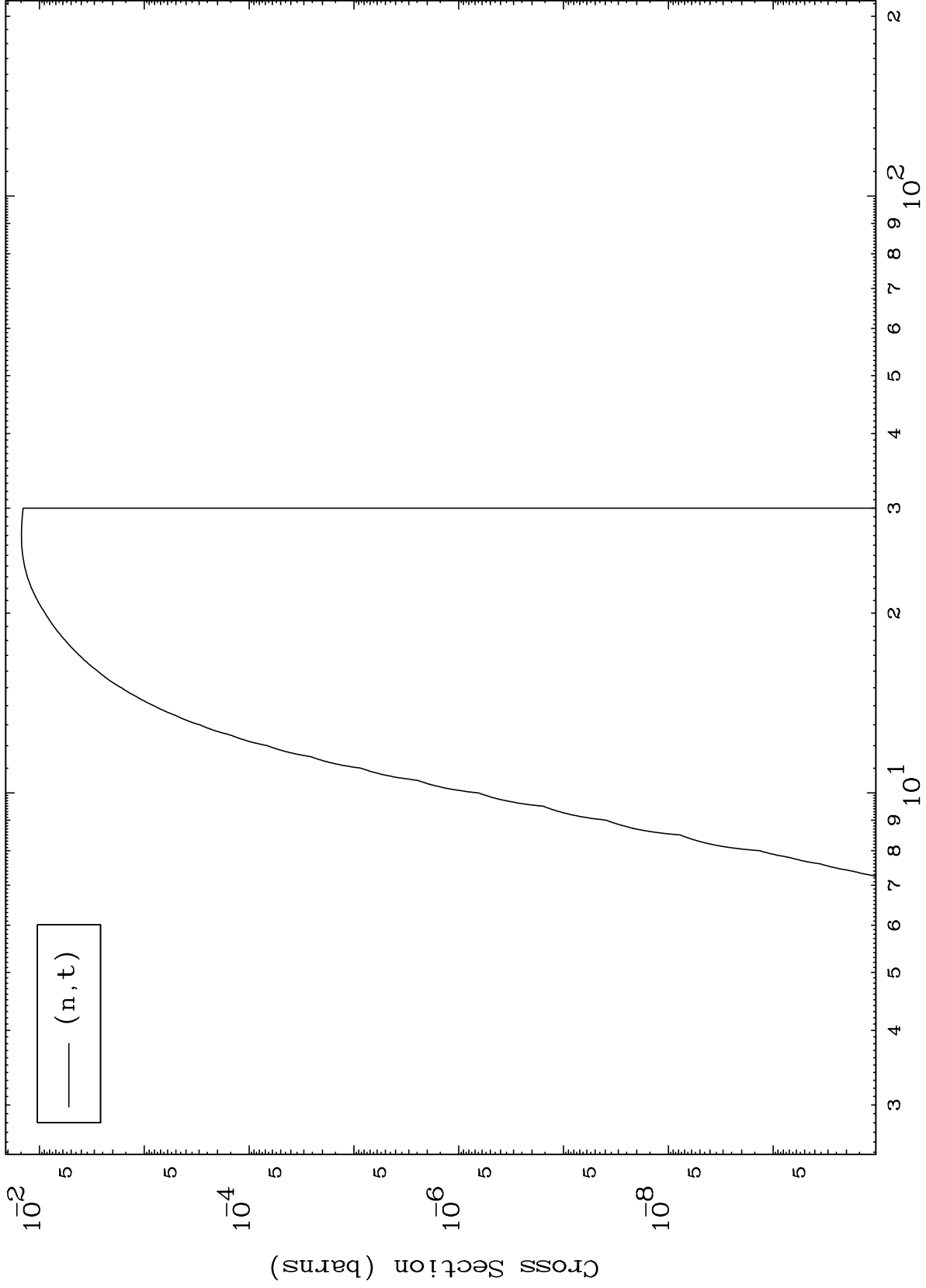
53-I -120



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(n,t) Levels  
293 Kelvin Cross Sections

53-I -120



12

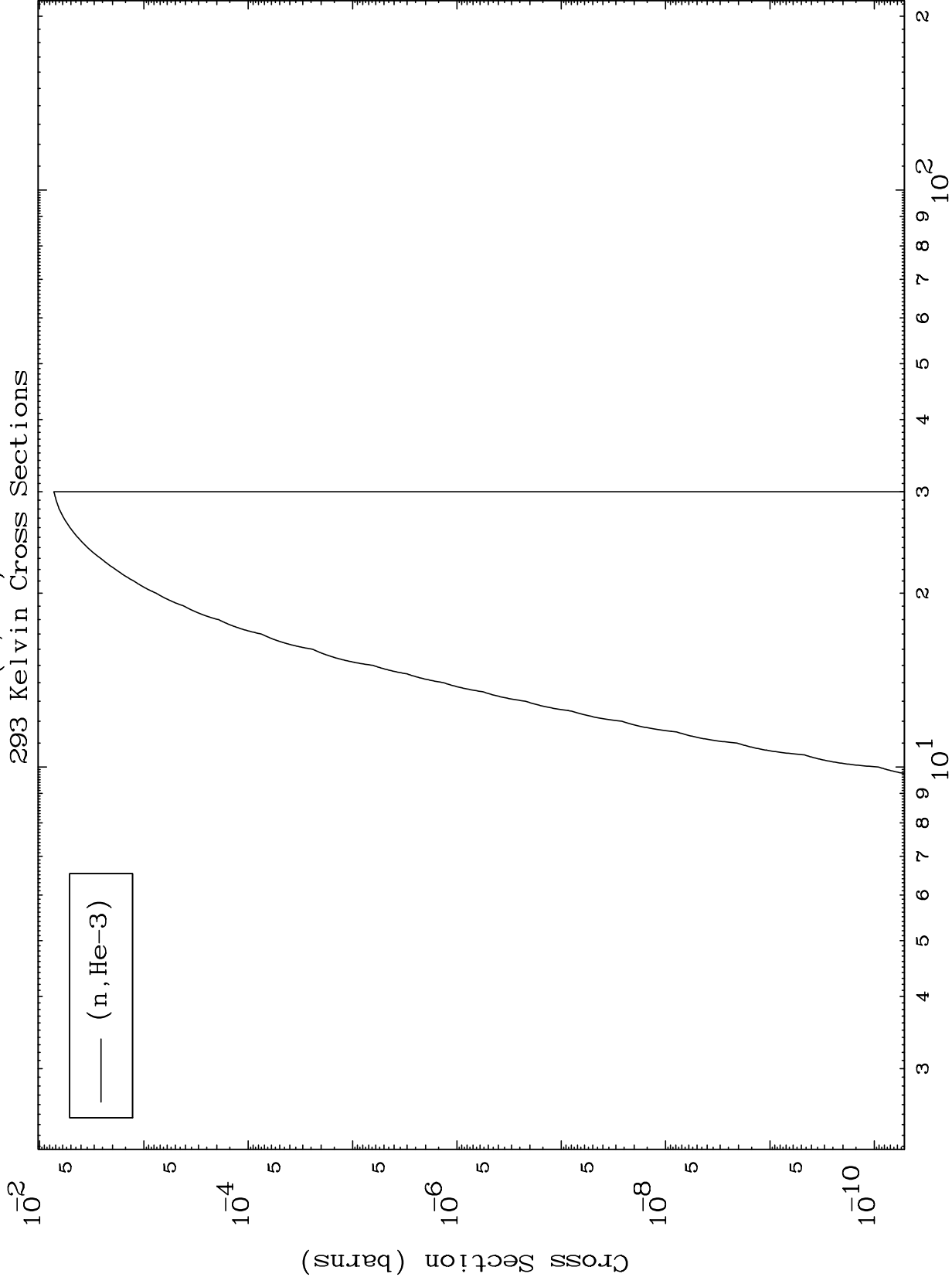
Incident Energy (MeV)

53-I -120

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(n,He3) Levels  
293 Kelvin Cross Sections

53-I -120



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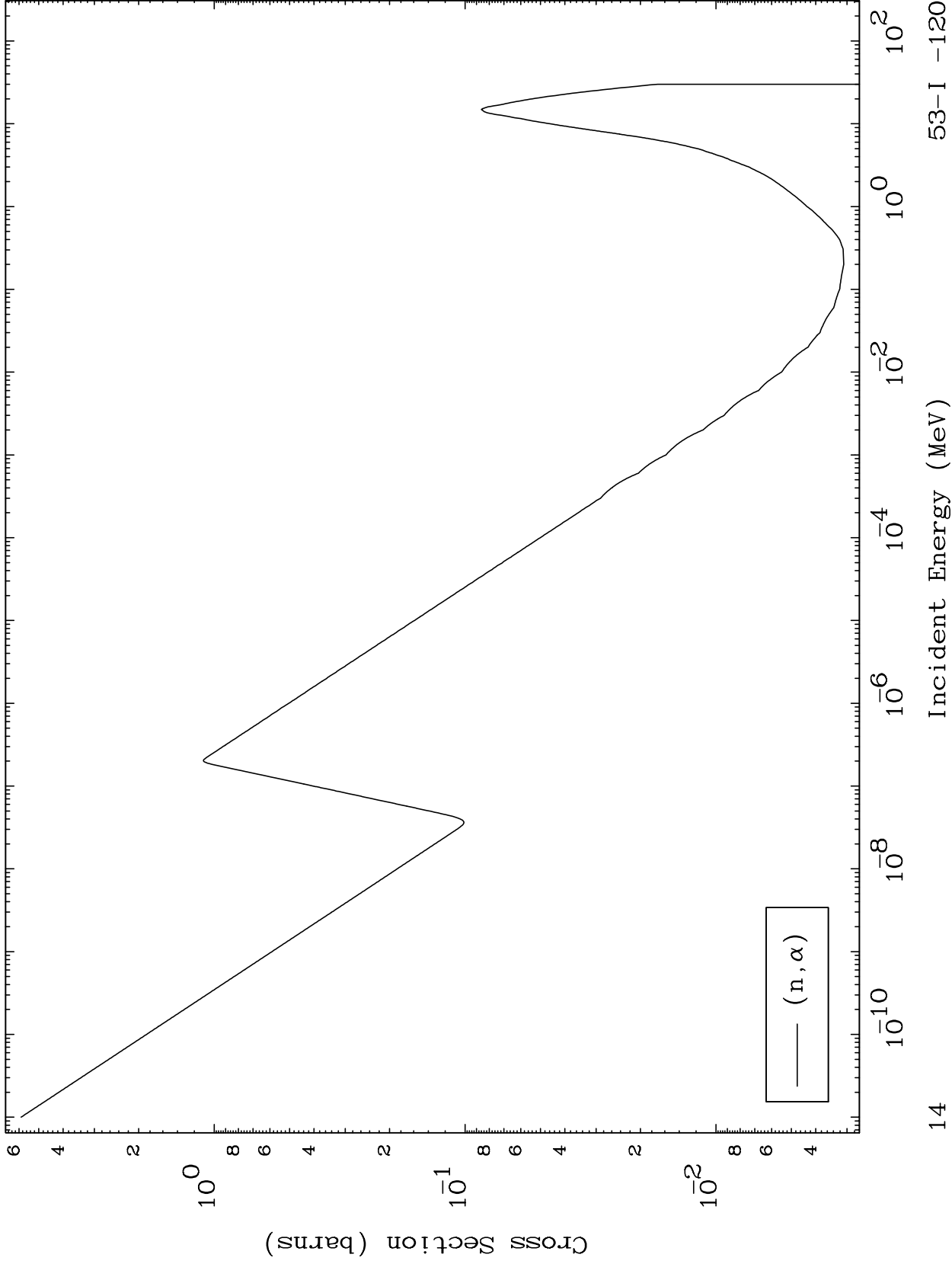
Incident Energy (MeV)

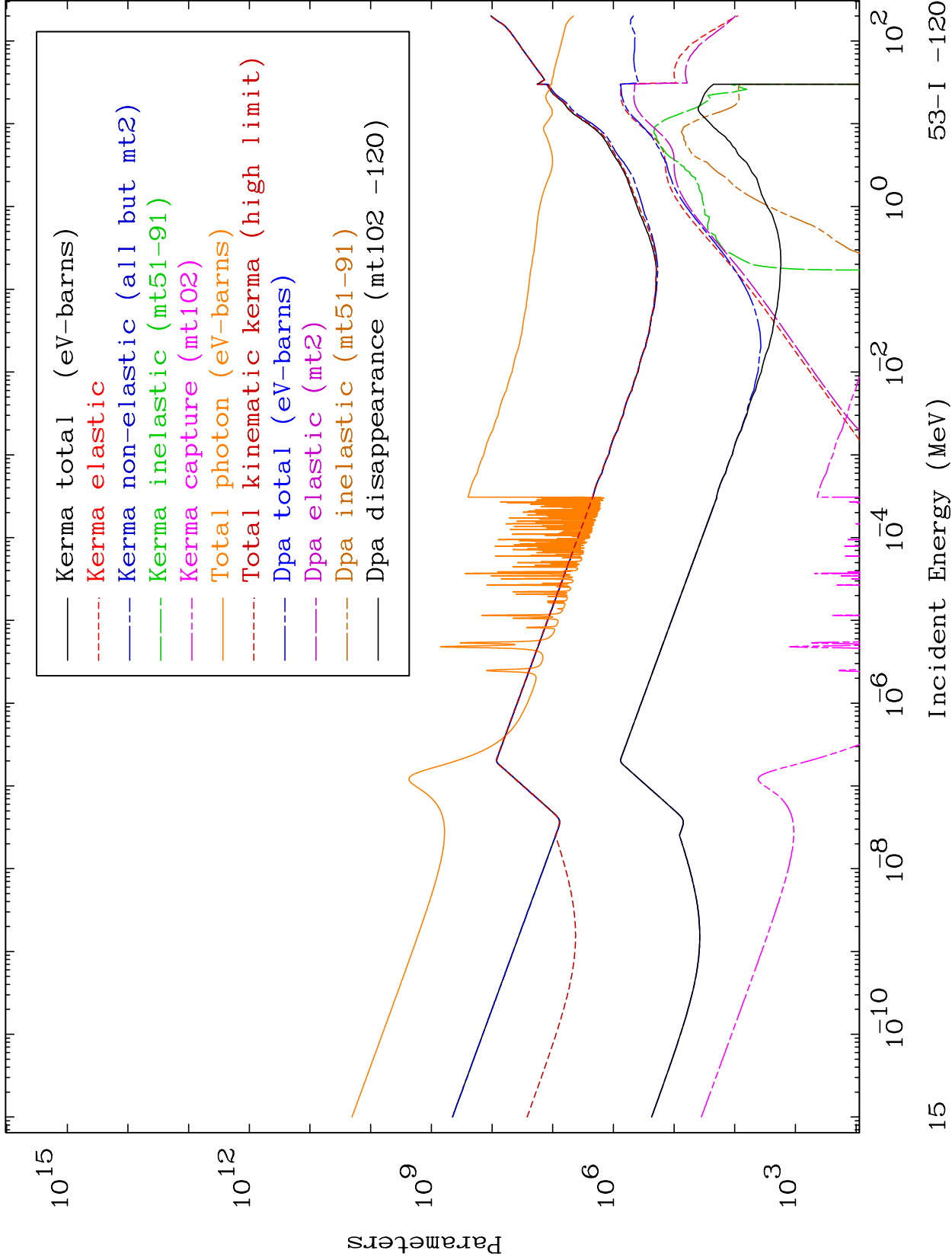
53-I -120

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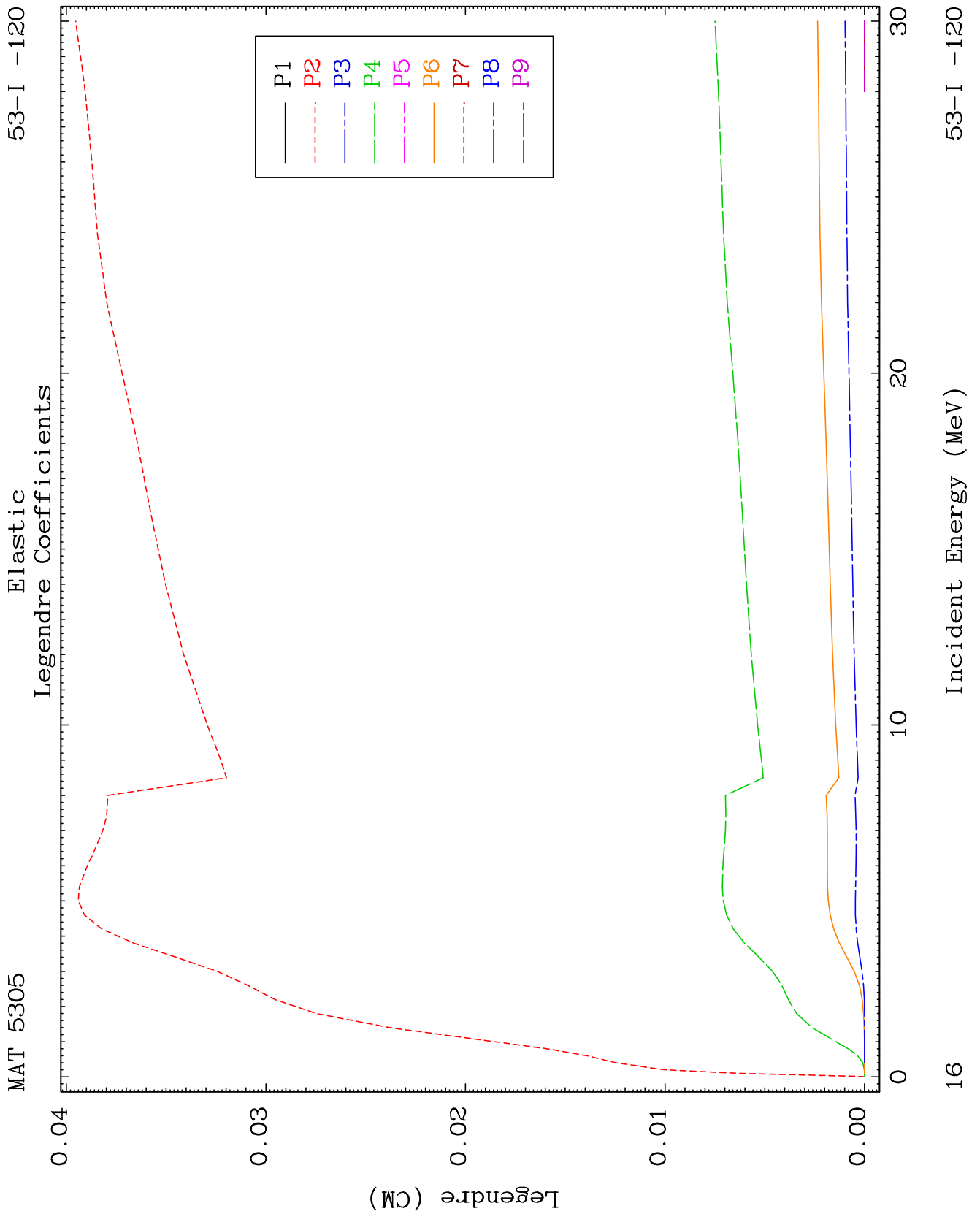
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

53-I -120





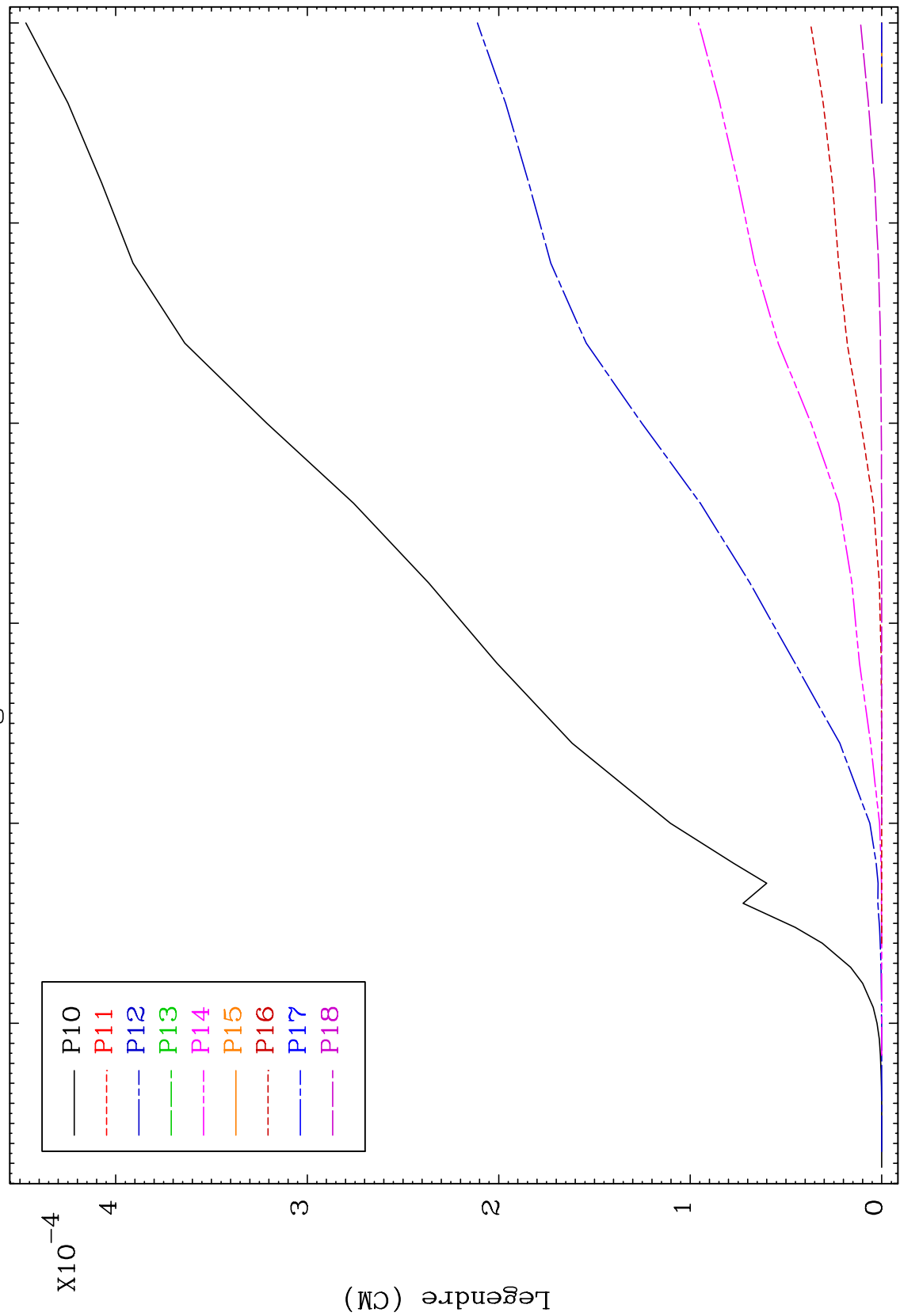




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Elastic Legendre Coefficients

53-I -120



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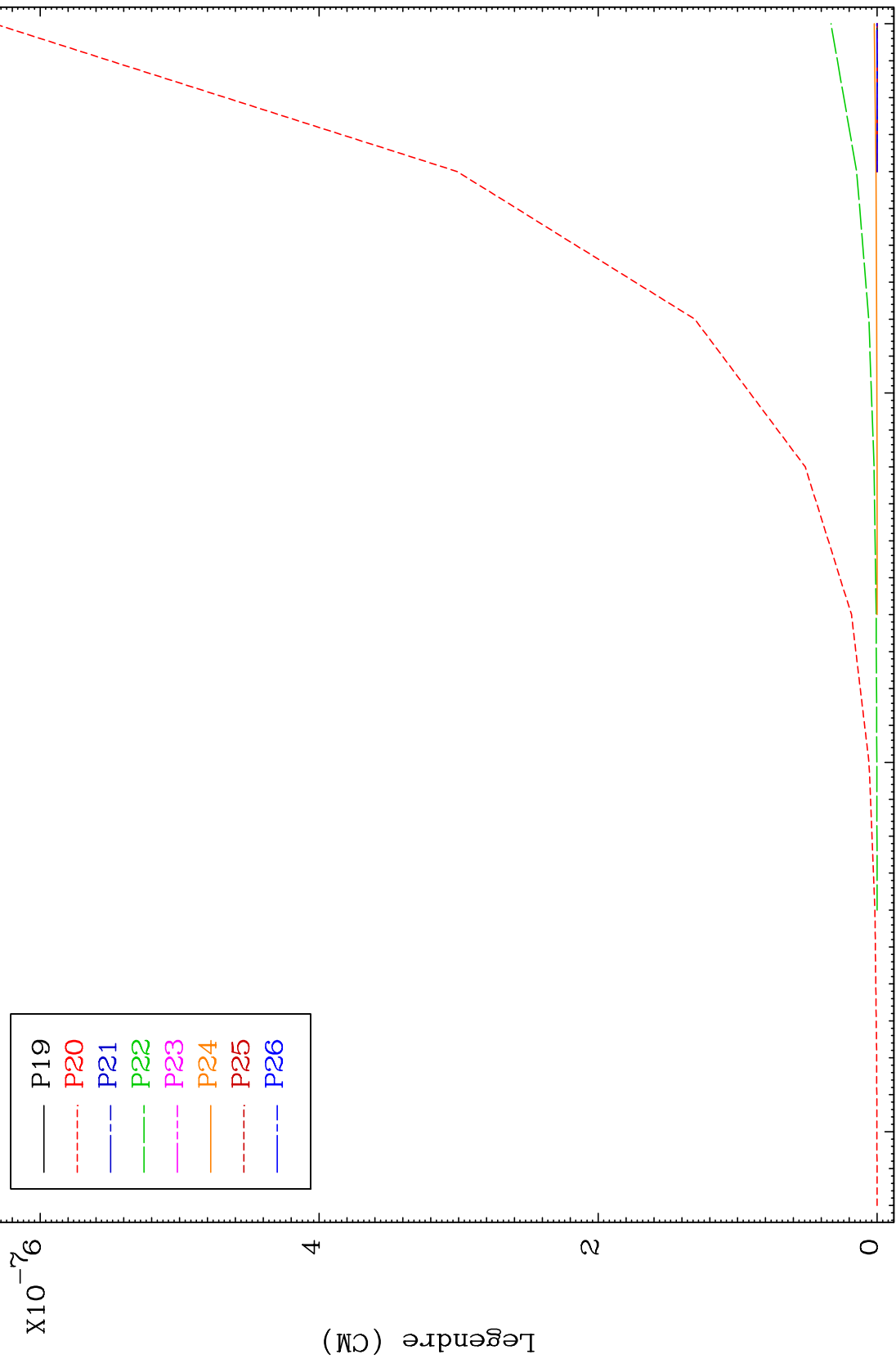
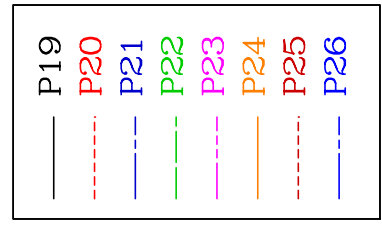
Incident Energy (MeV)

53-I -120

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Elastic Legendre Coefficients

53-I -120



18

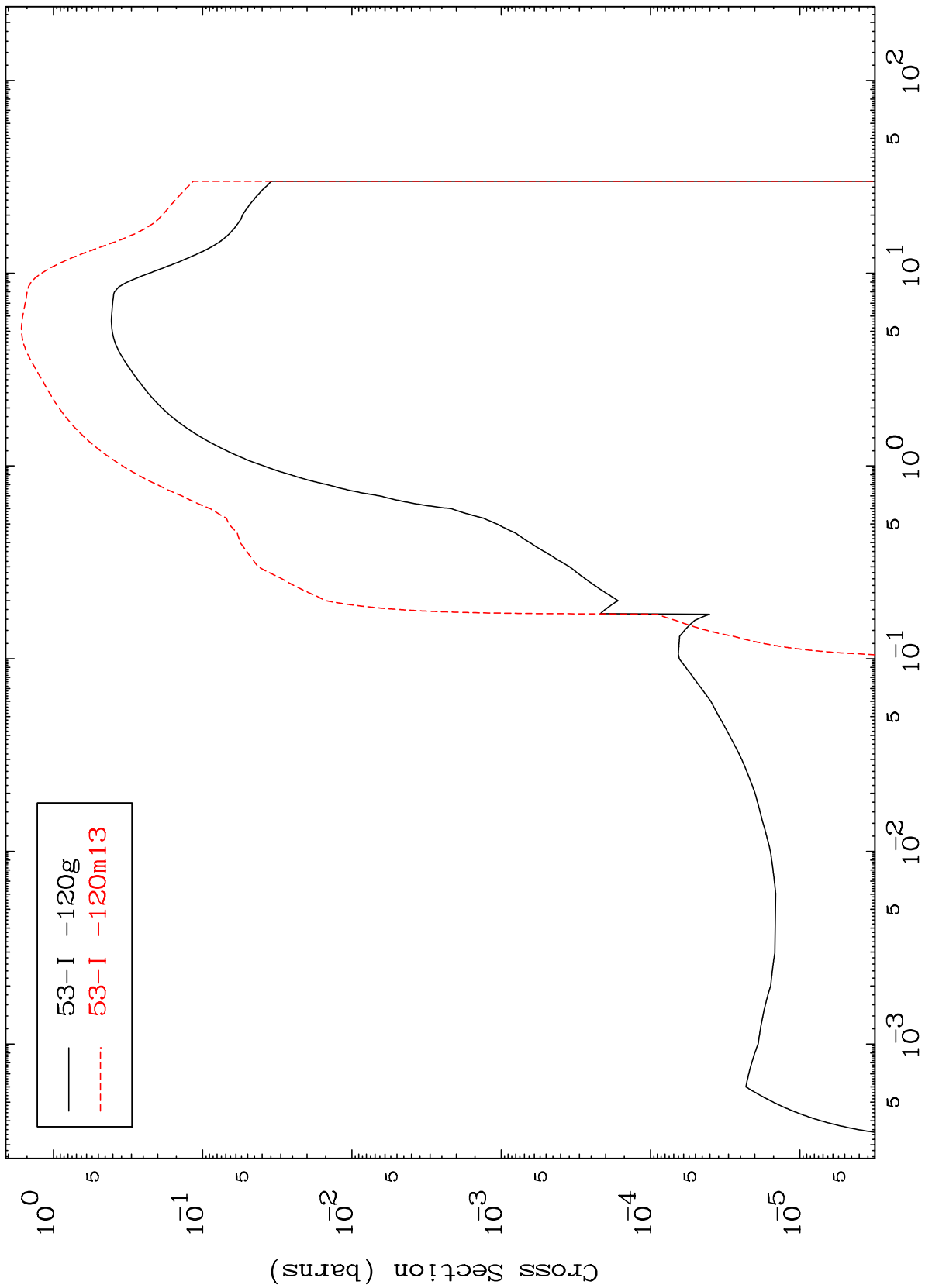
Incident Energy (MeV)

53-I -120

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53-I -120

Inelastic  
Radionuclide Production Cross Section



19

53-I -120

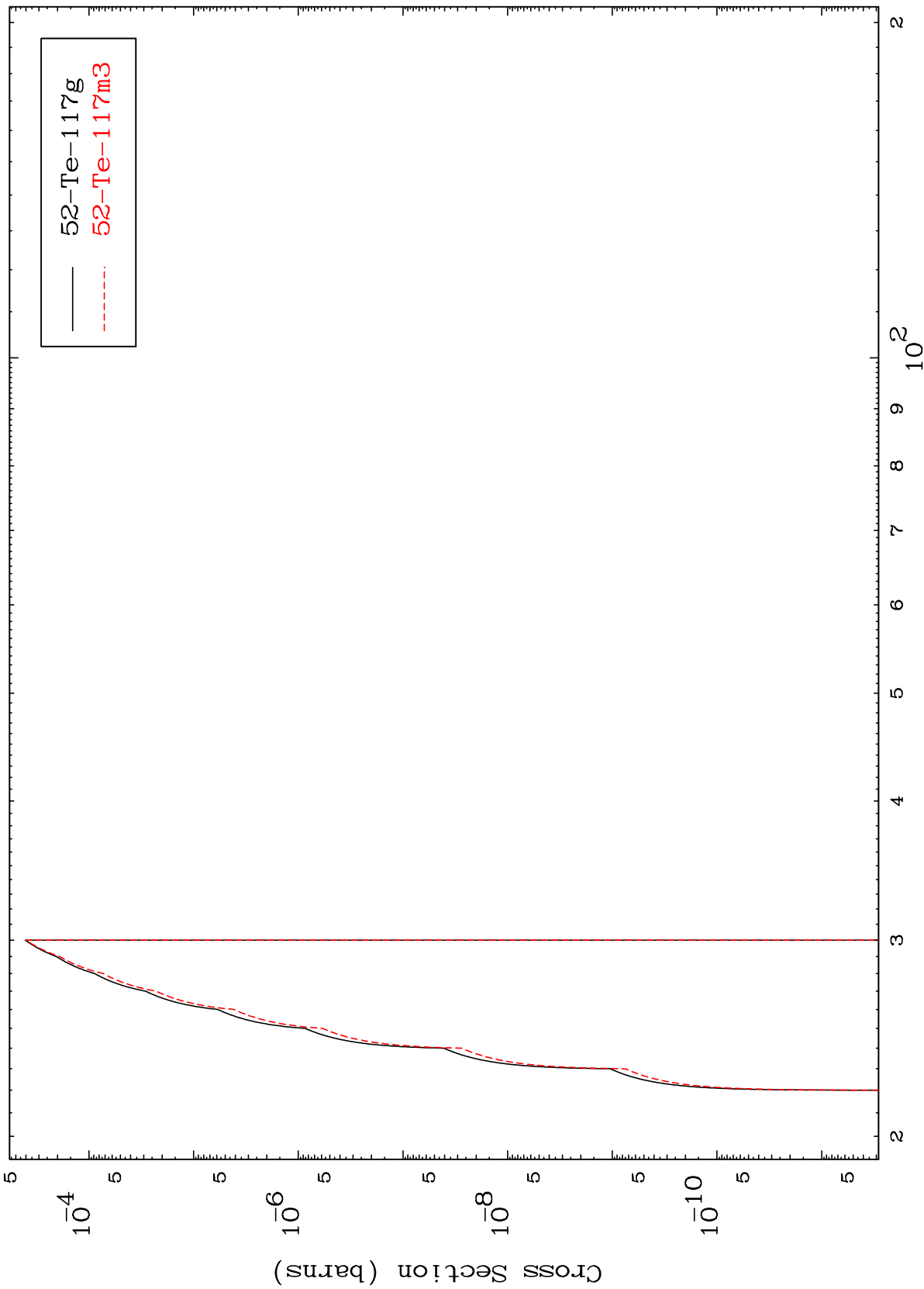
Incident Energy (MeV)

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(n,2n) d

53-I -120

Radionuclide Production Cross Section



20

Incident Energy (MeV)

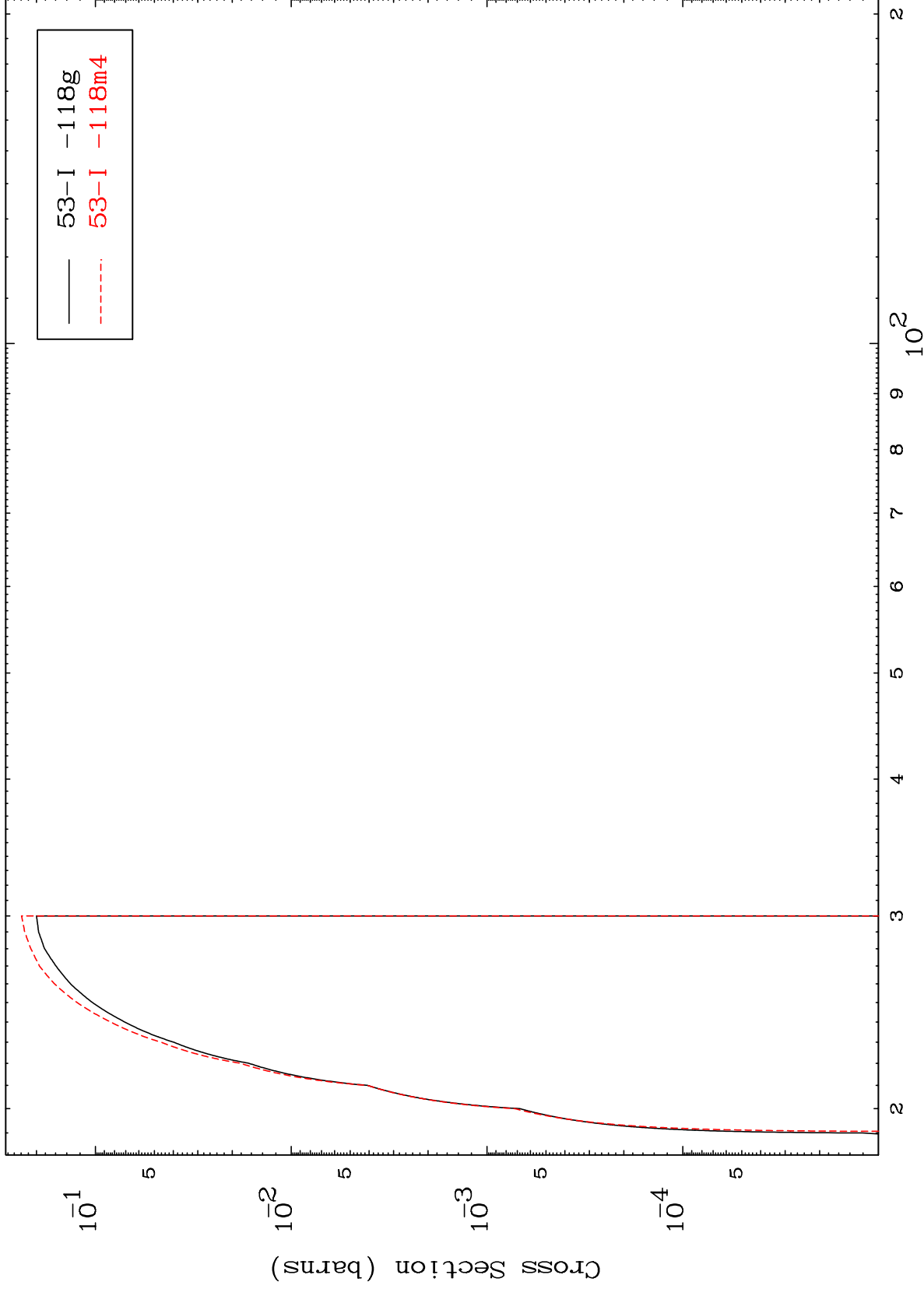
53-I -120

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(n,3n)

53-I -120

Radionuclide Production Cross Section



21

Incident Energy (MeV)

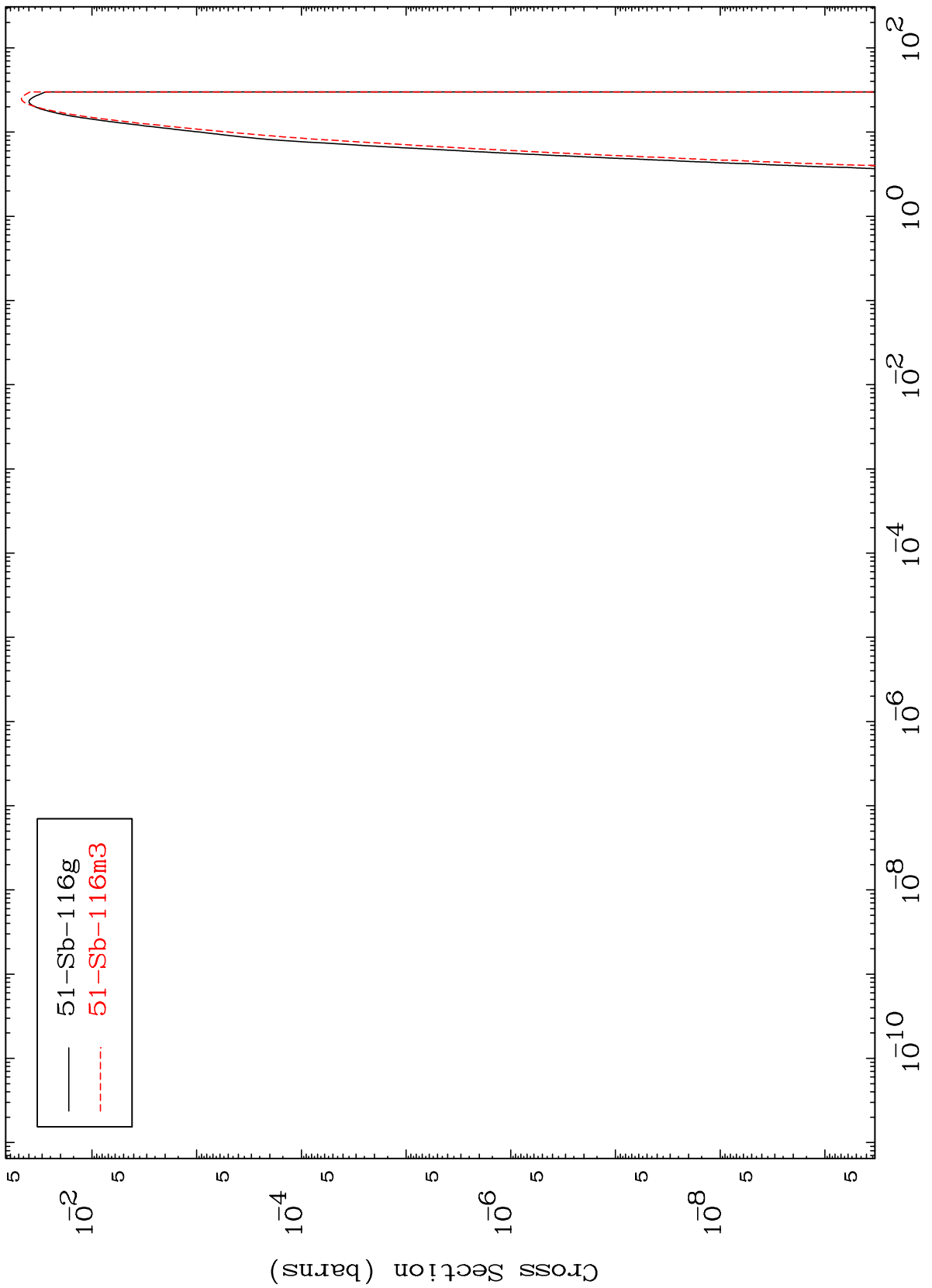
53-I -120

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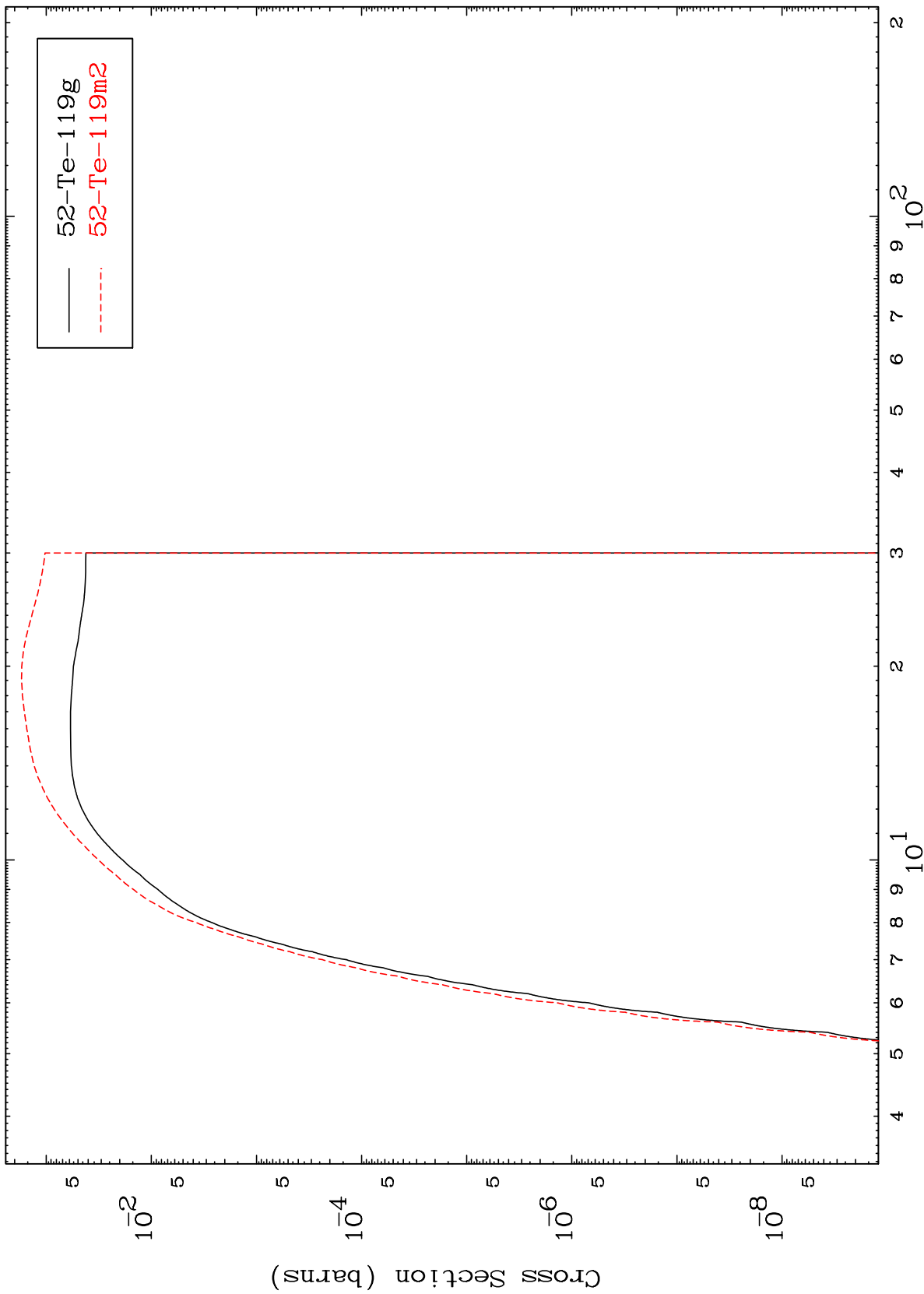
(n,n')  $\alpha$

53-I -120

Radionuclide Production Cross Section



$(n, n')$  p  
Radionuclide Production Cross Section

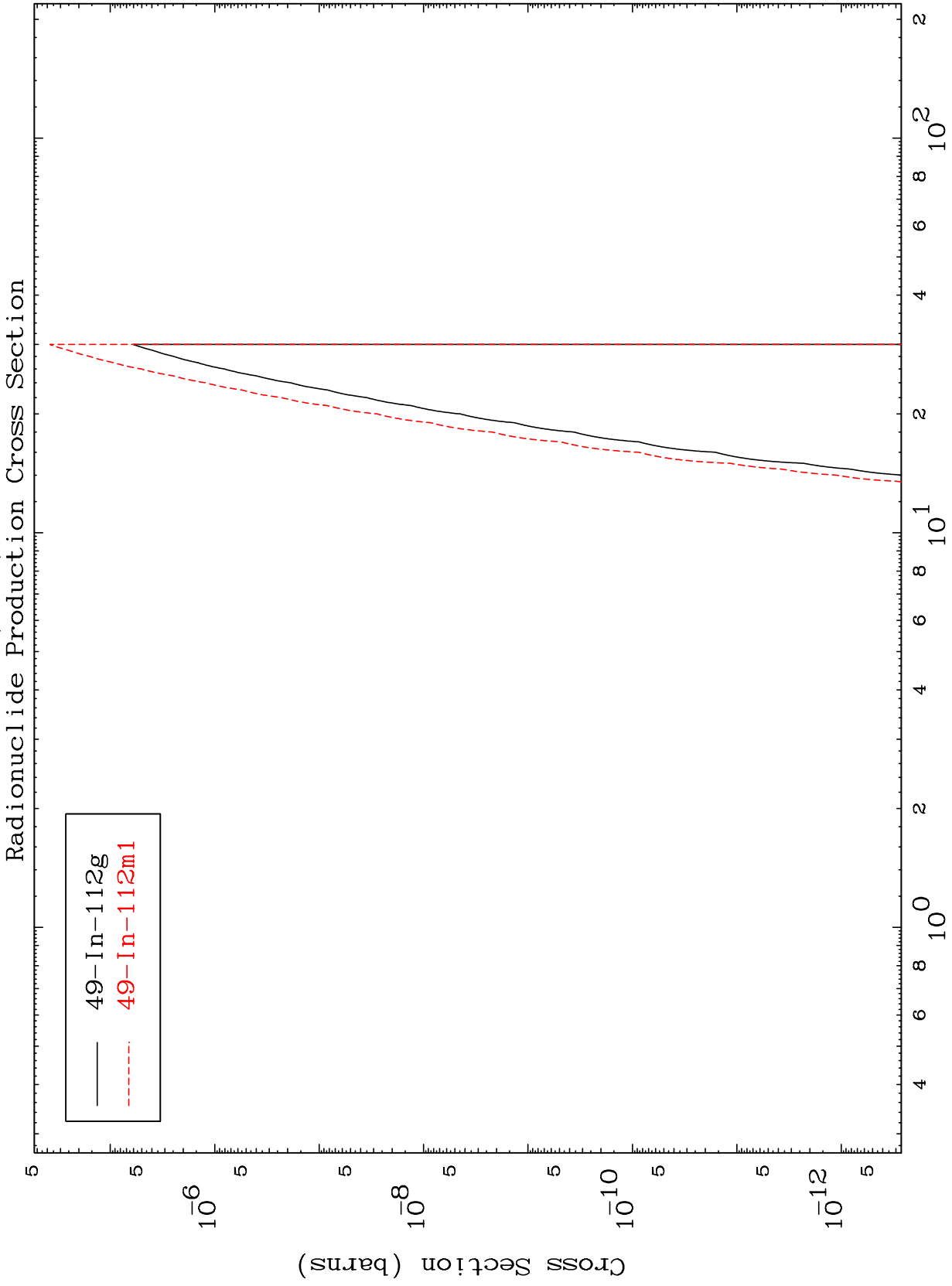




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(n,n') 2α

53-I -120



24

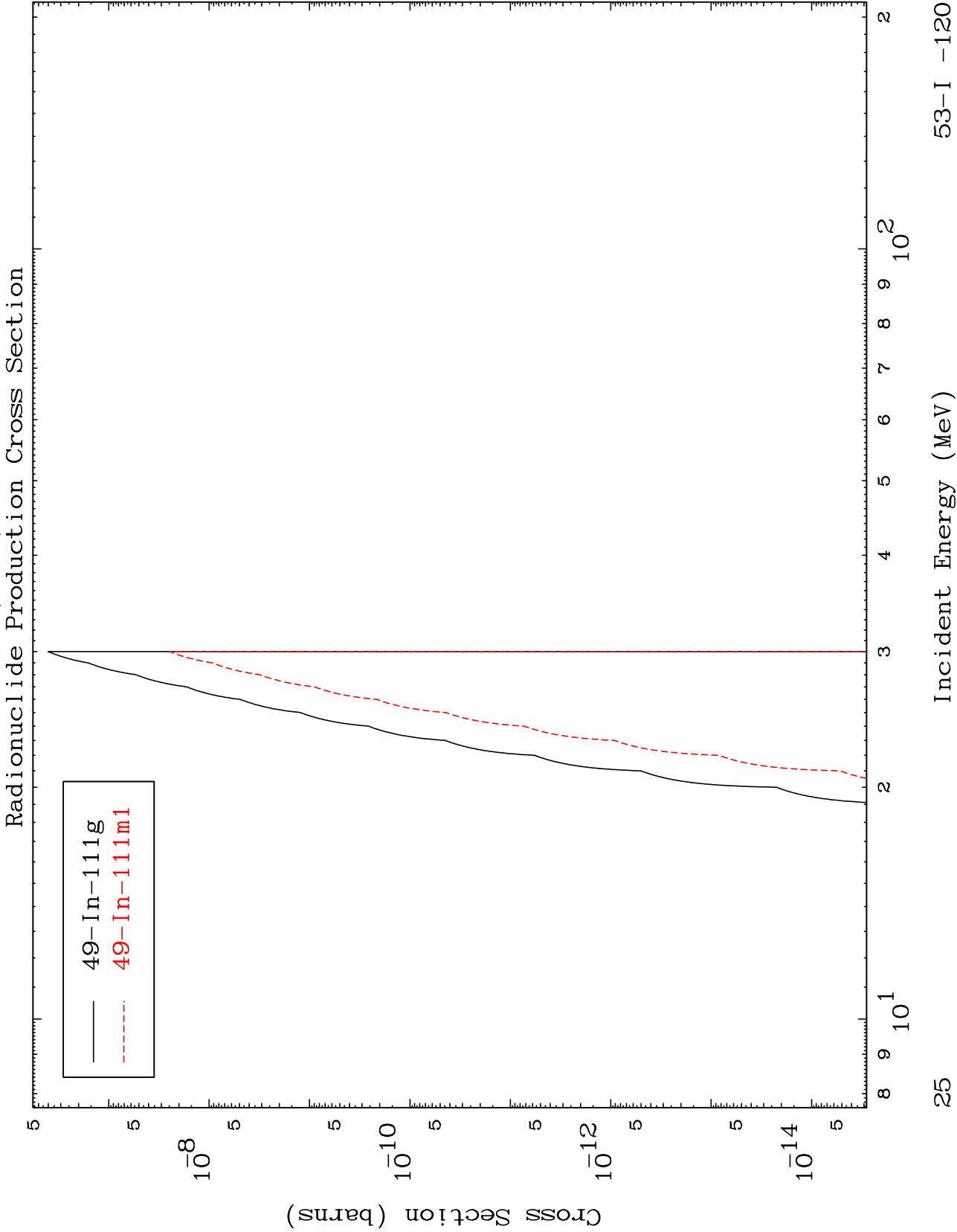
Incident Energy (MeV)

53-I -120

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(n,2n) 2α

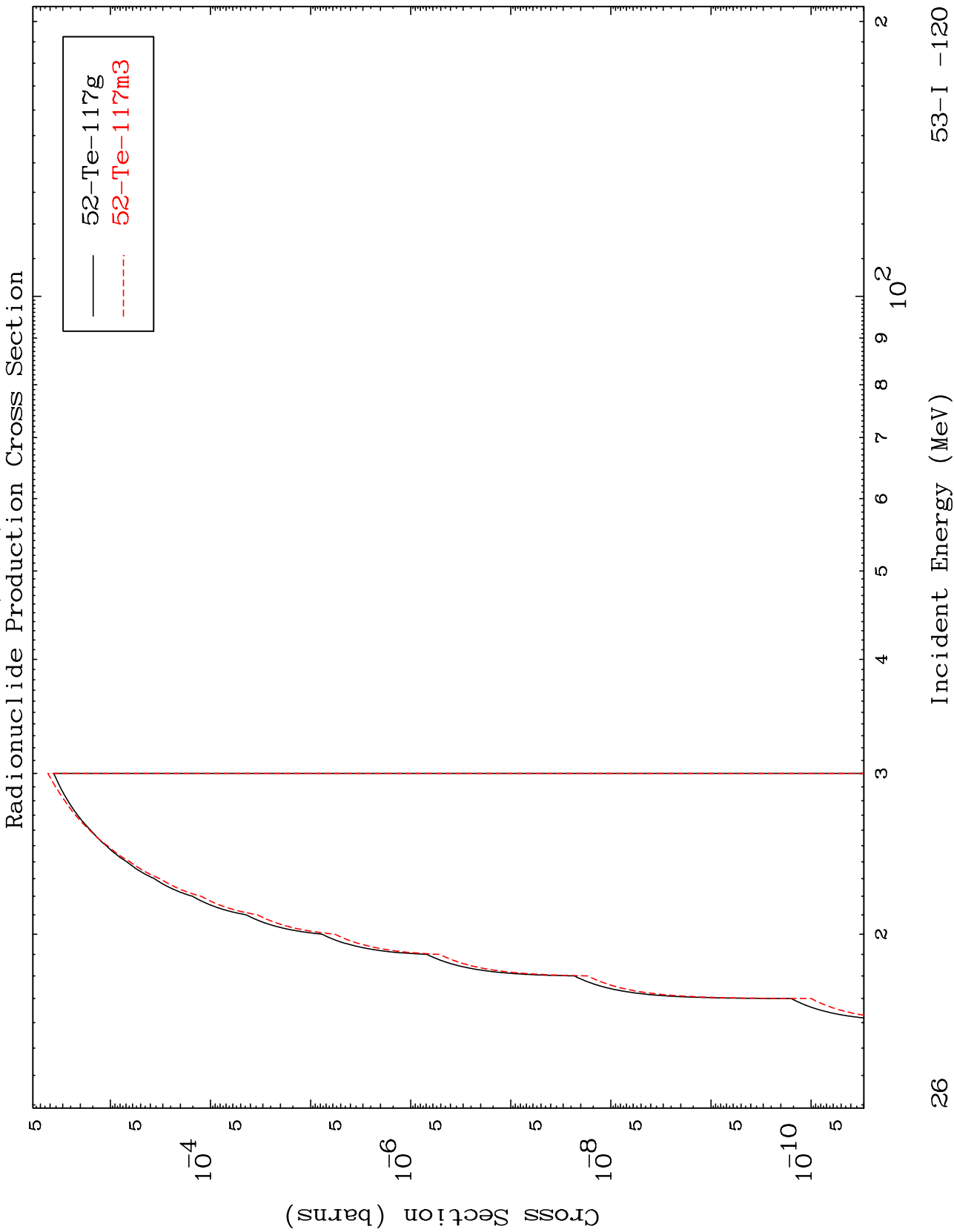
53-I -120



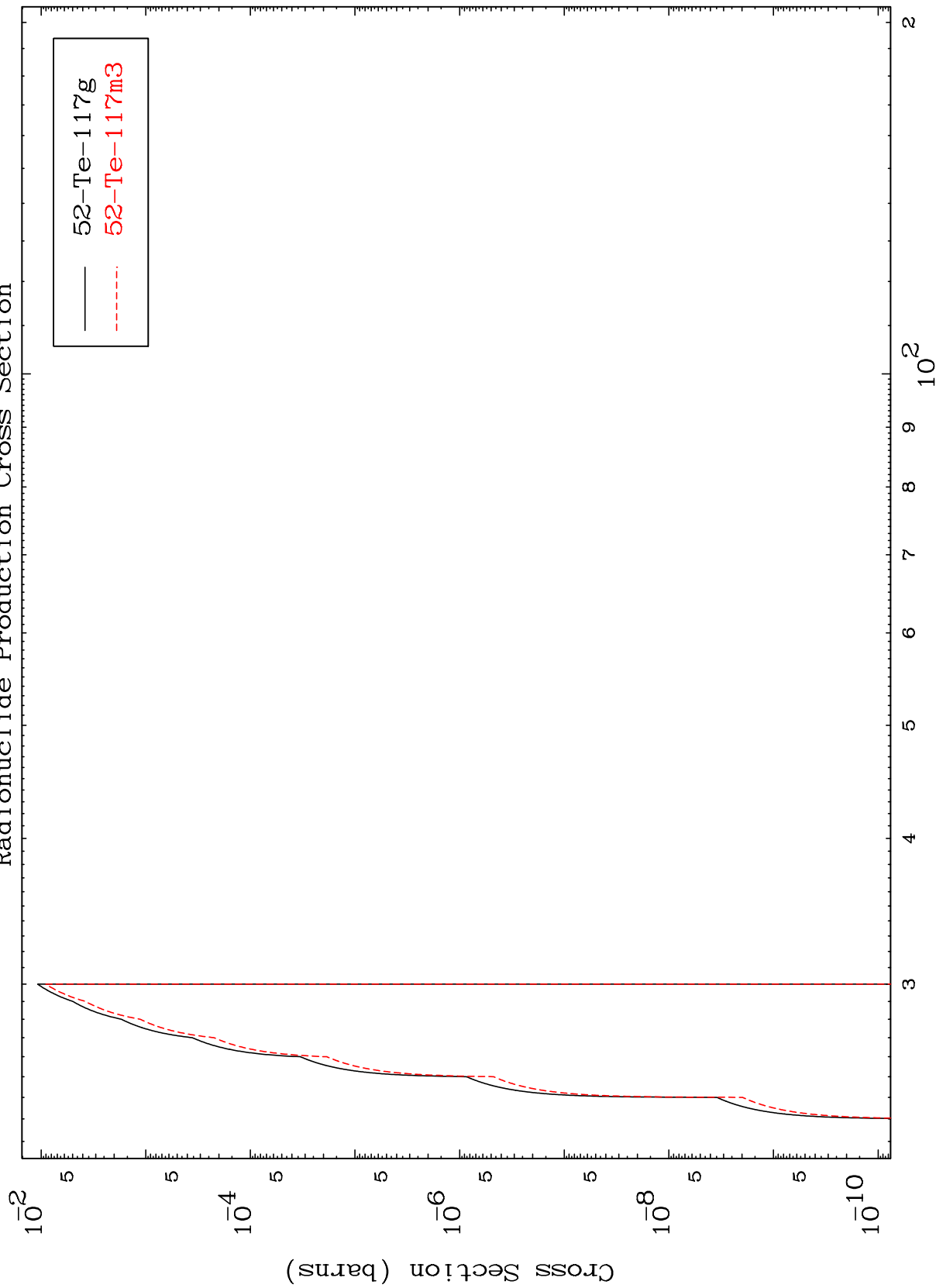
25

Incident Energy (MeV)

53-I -120



Radionuclide Production Cross Section

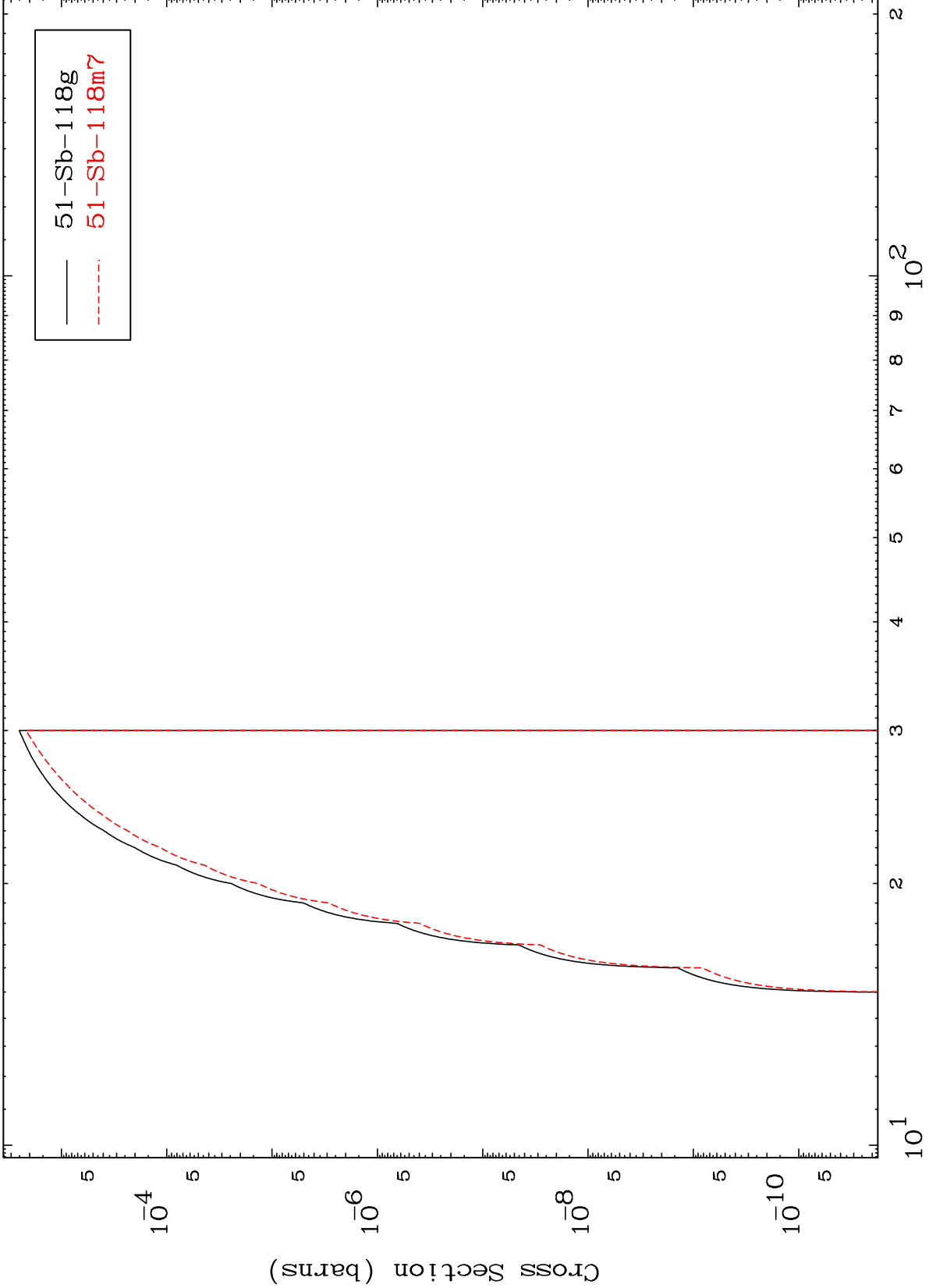


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(n,2n) p

53-I -120

Radionuclide Production Cross Section



51-Sb-118g  
51-Sb-118m7

28

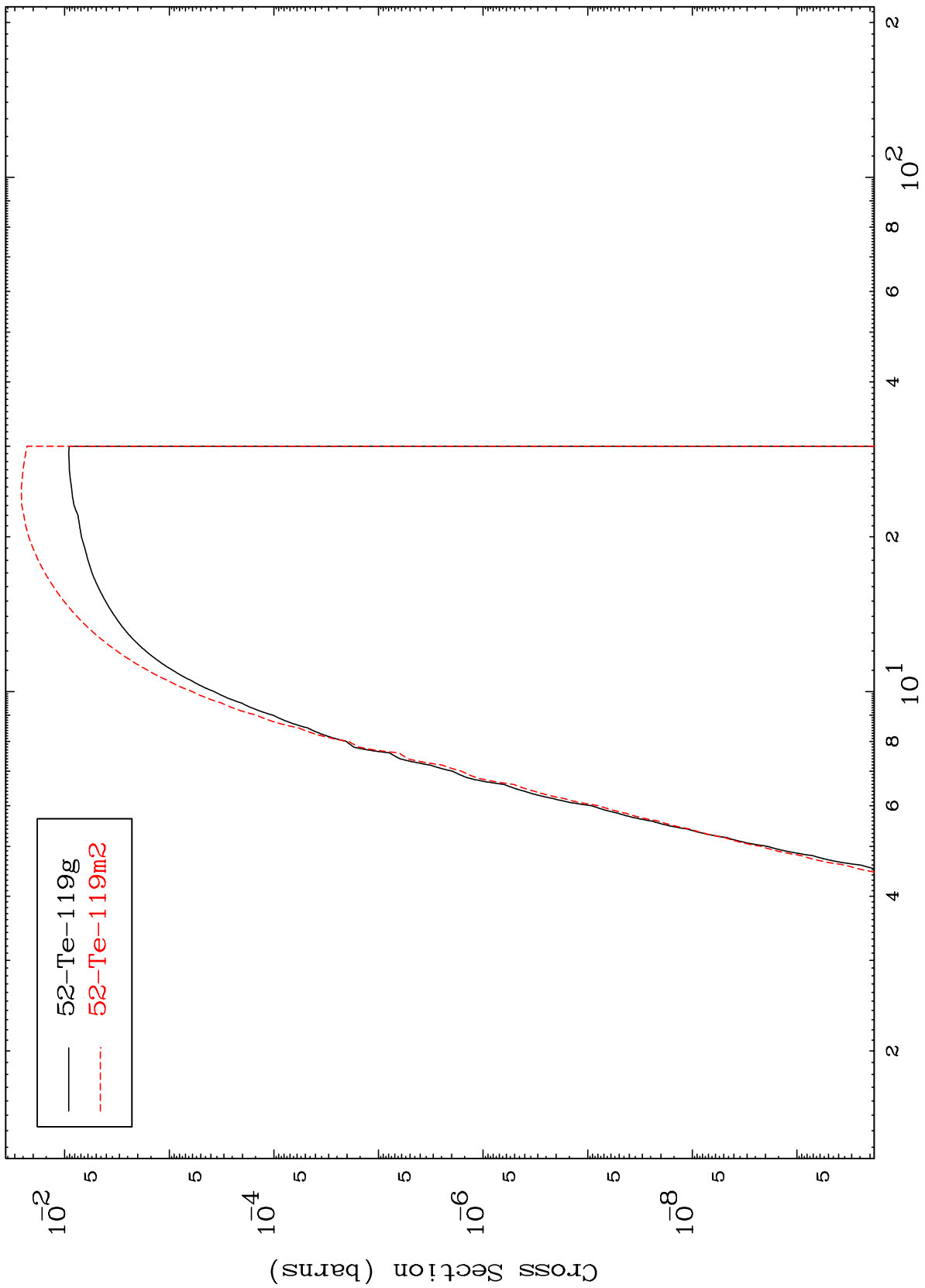
Incident Energy (MeV)

53-I -120

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53-I -120

(n,d)  
Radionuclide Production Cross Section



29

53-I -120

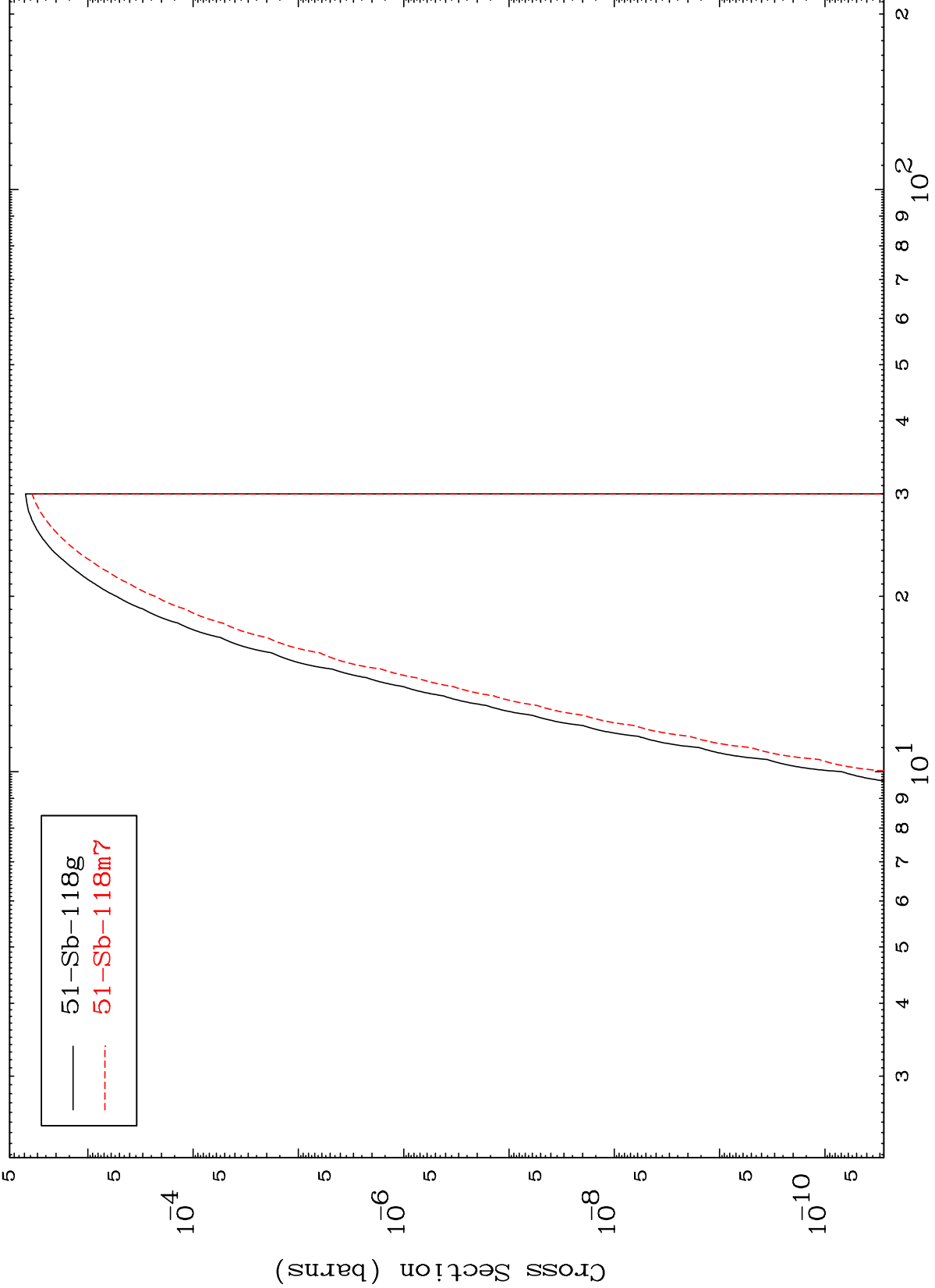
Incident Energy (MeV)

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(n,He-3)

53-I -120

Radionuclide Production Cross Section



51-Sb-118g  
51-Sb-118m7

30

Incident Energy (MeV)

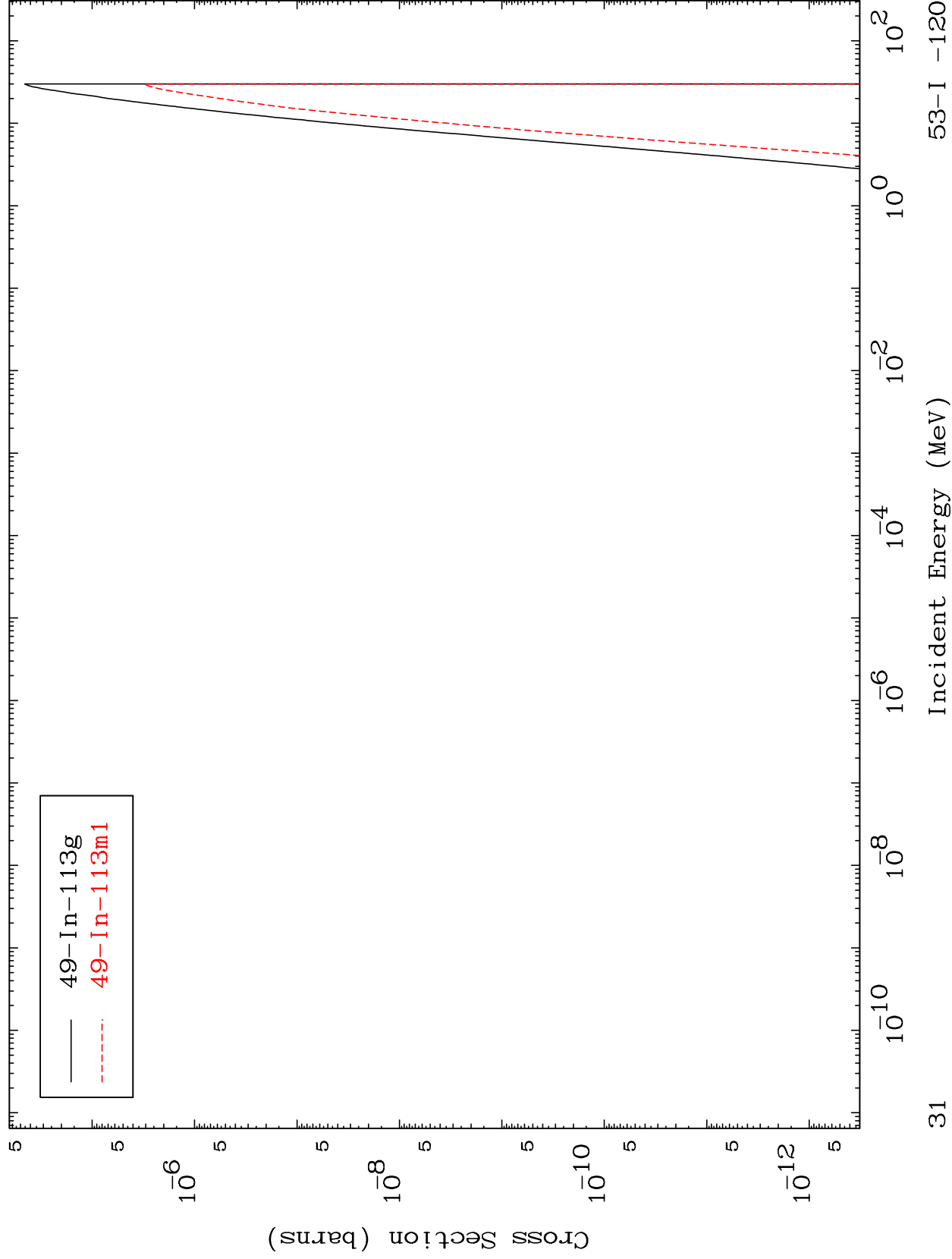
53-I -120

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(n,2α)

53-I -120

Radionuclide Production Cross Section



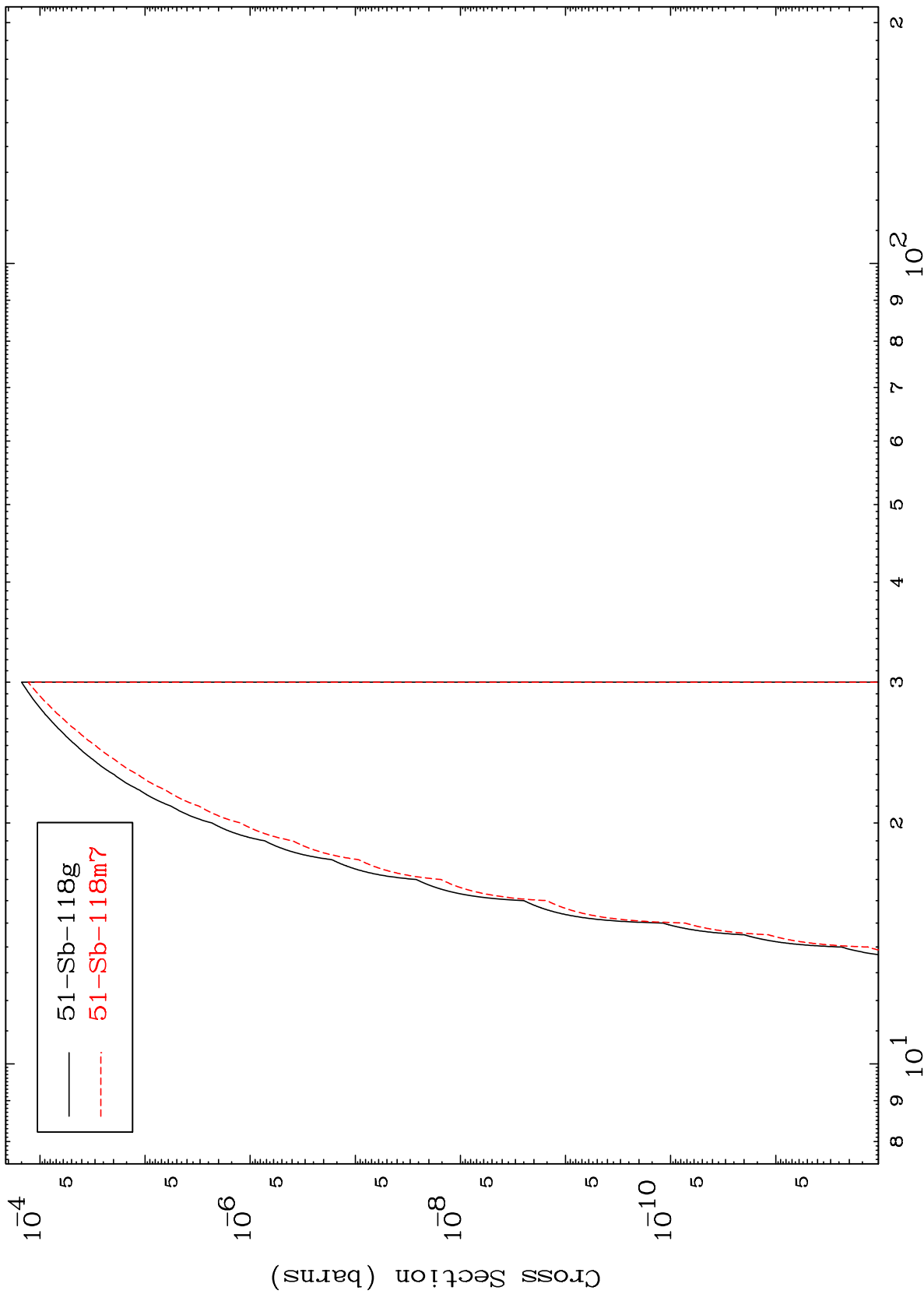


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(n,p) d

53-I -120

Radionuclide Production Cross Section



51-Sb-118g  
51-Sb-118m7

32

Incident Energy (MeV)

53-I -120