

Program EVALPLOT  
(Version 2021-1)

by

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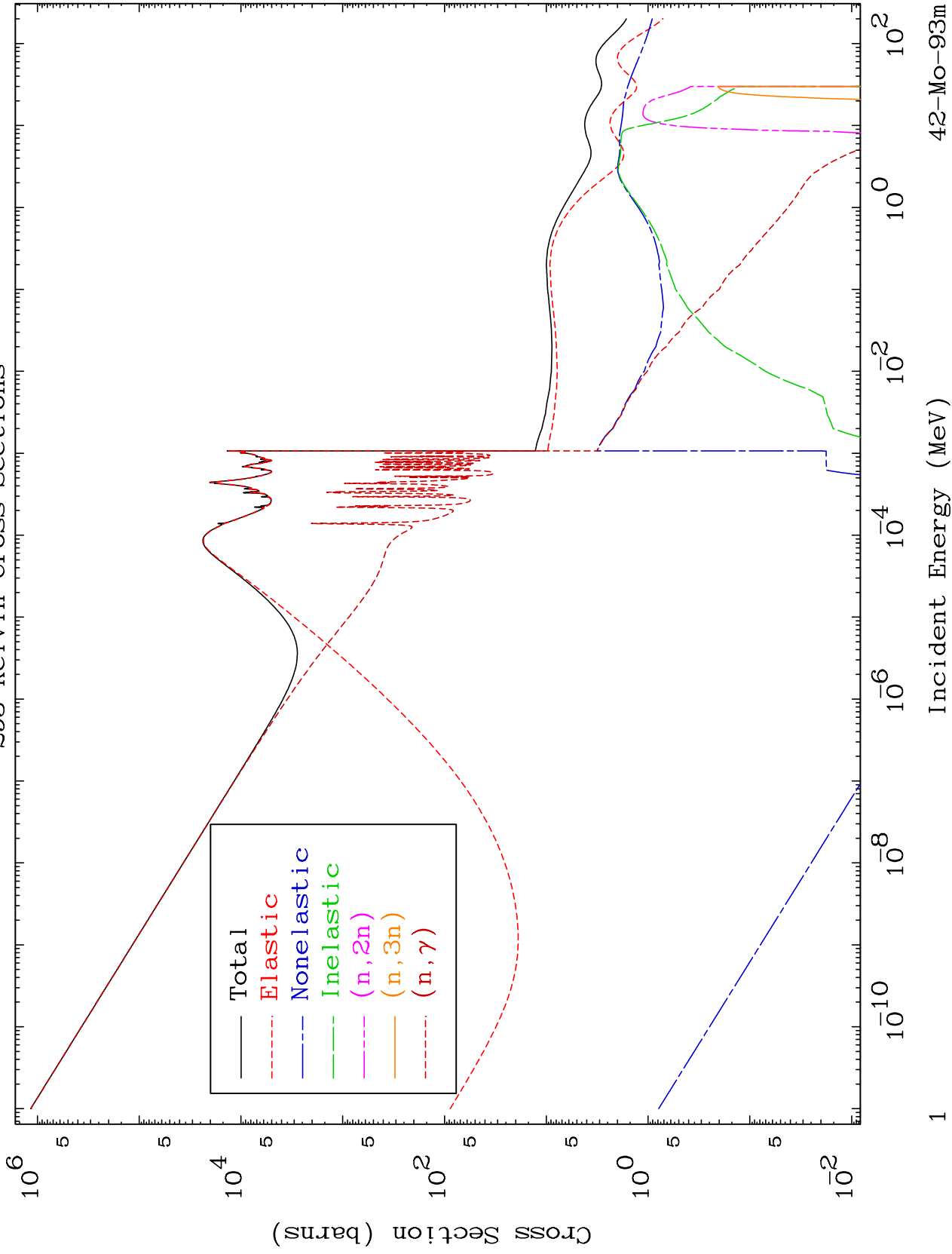
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Press Mouse Button to Start

MAT 4229

Neutron Major  
293 Kelvin Cross Sections

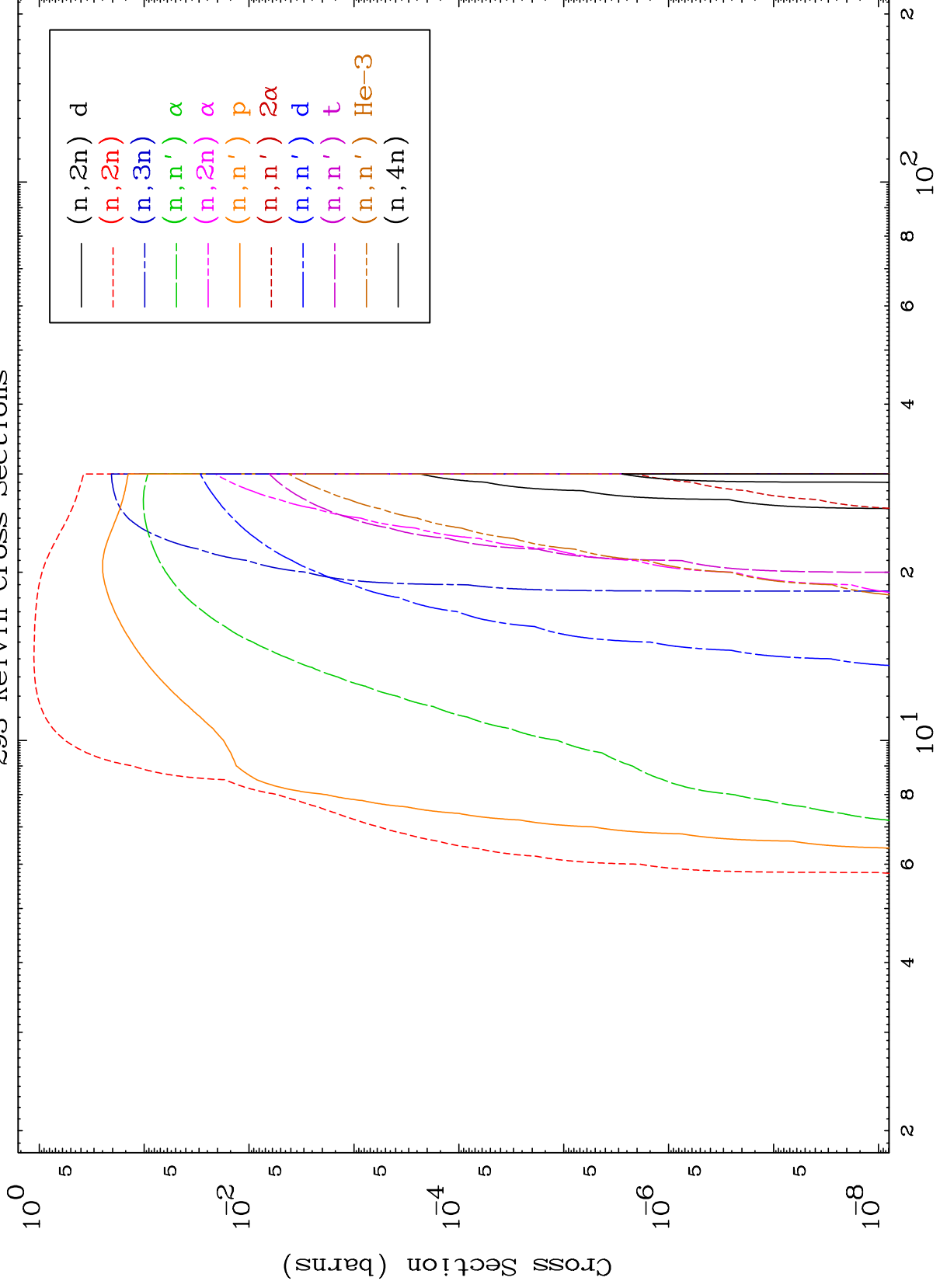
42-Mo-93m



MAT 4229

Neutron Absorption  
293 Kelvin Cross Sections

42-Mo-93m



2

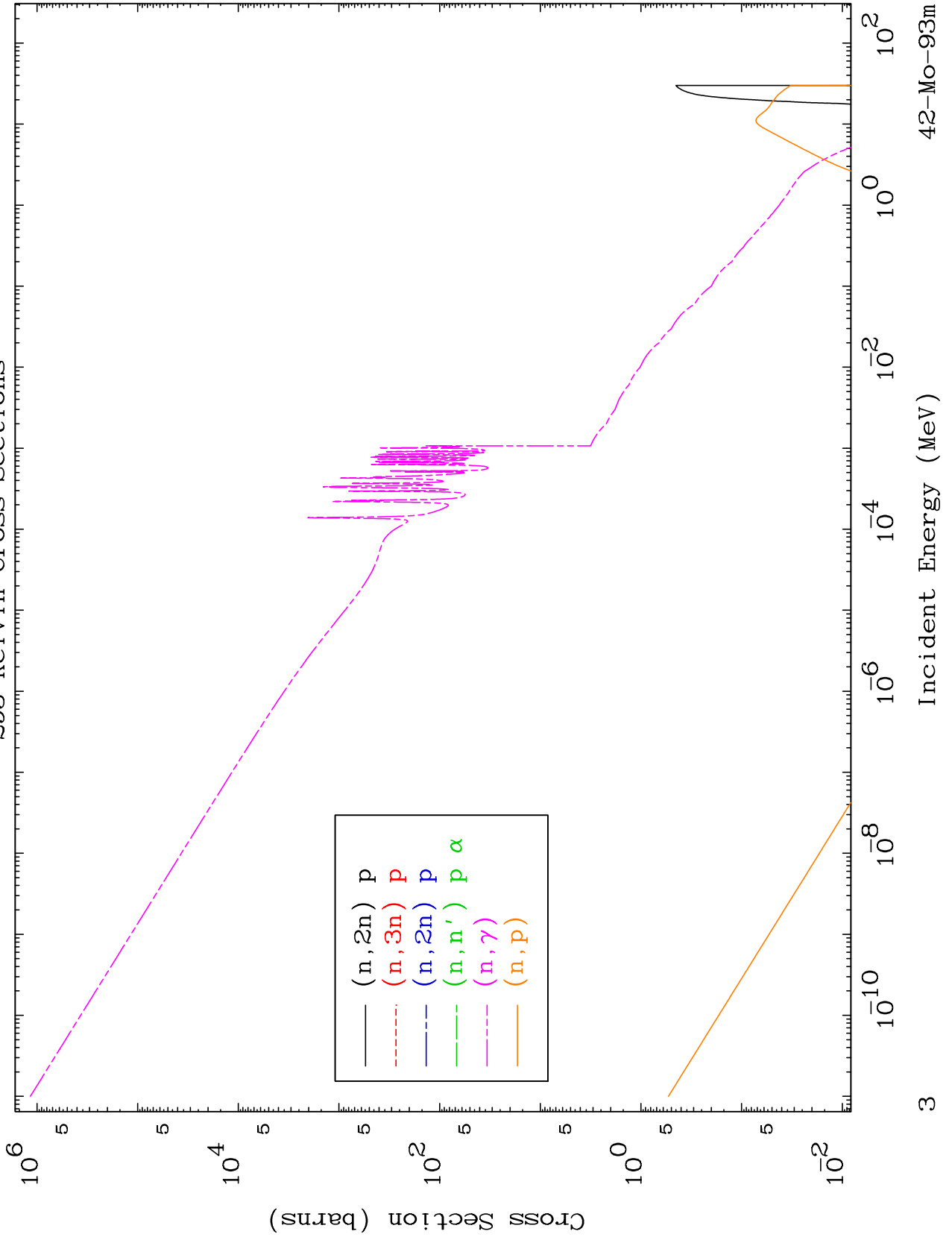
Incident Energy (MeV)

42-Mo-93m

MAT 4229

Neutron Absorption  
293 Kelvin Cross Sections

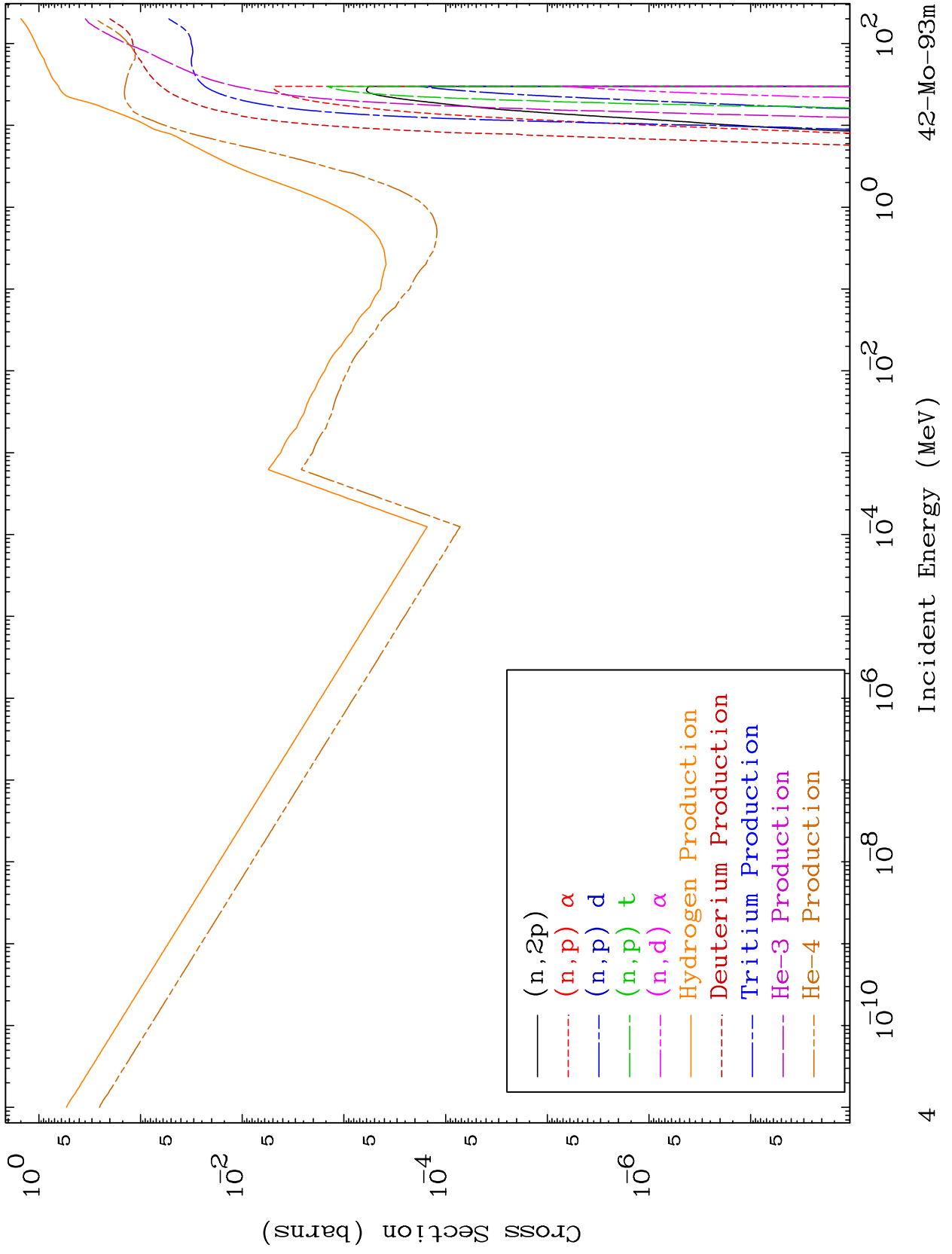
42-Mo-93m



MAT 4229

Neutron Absorption  
293 Kelvin Cross Sections

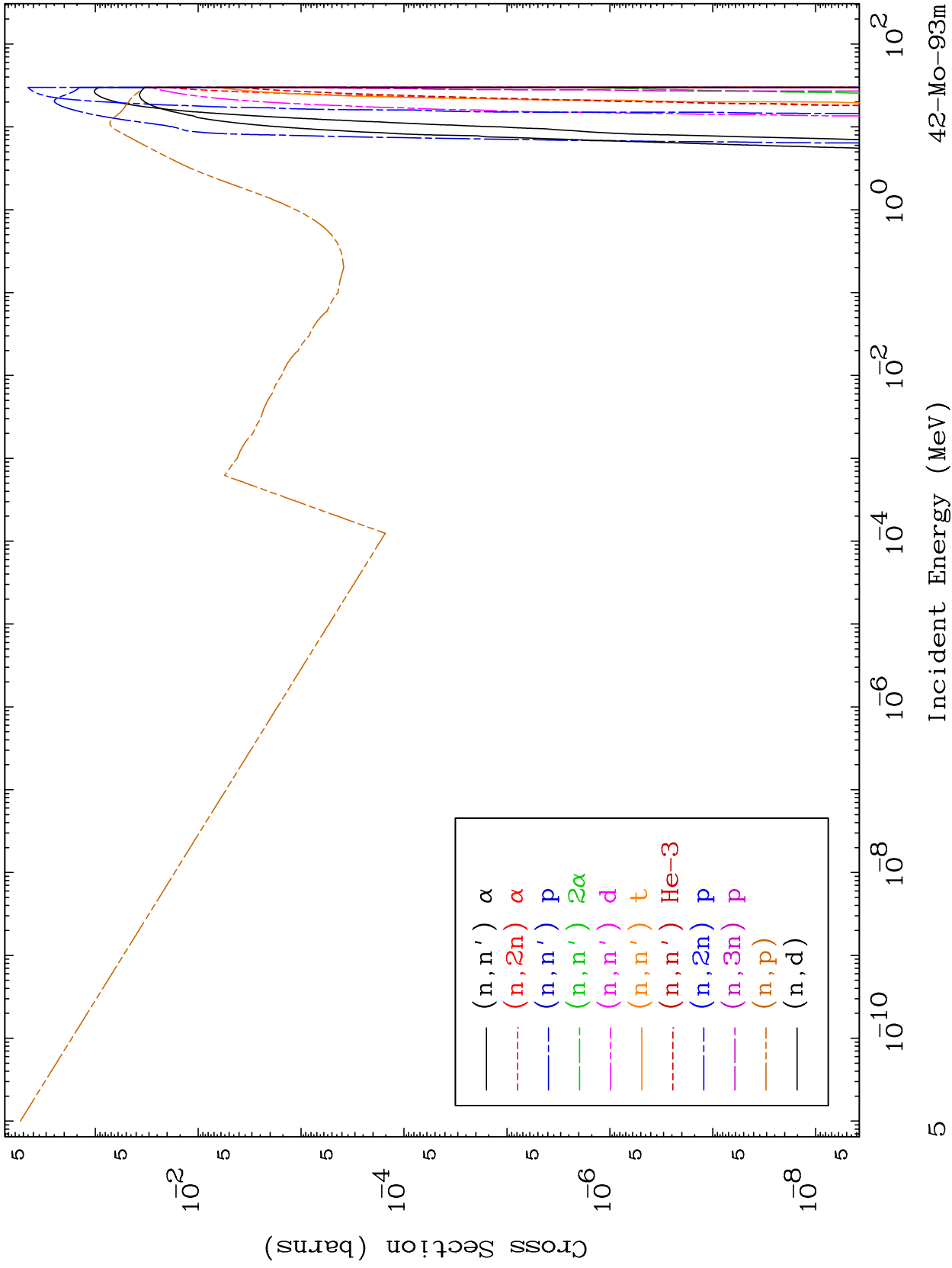
42-Mo-93m



MAT 4229

Charged Particle  
293 Kelvin Cross Sections

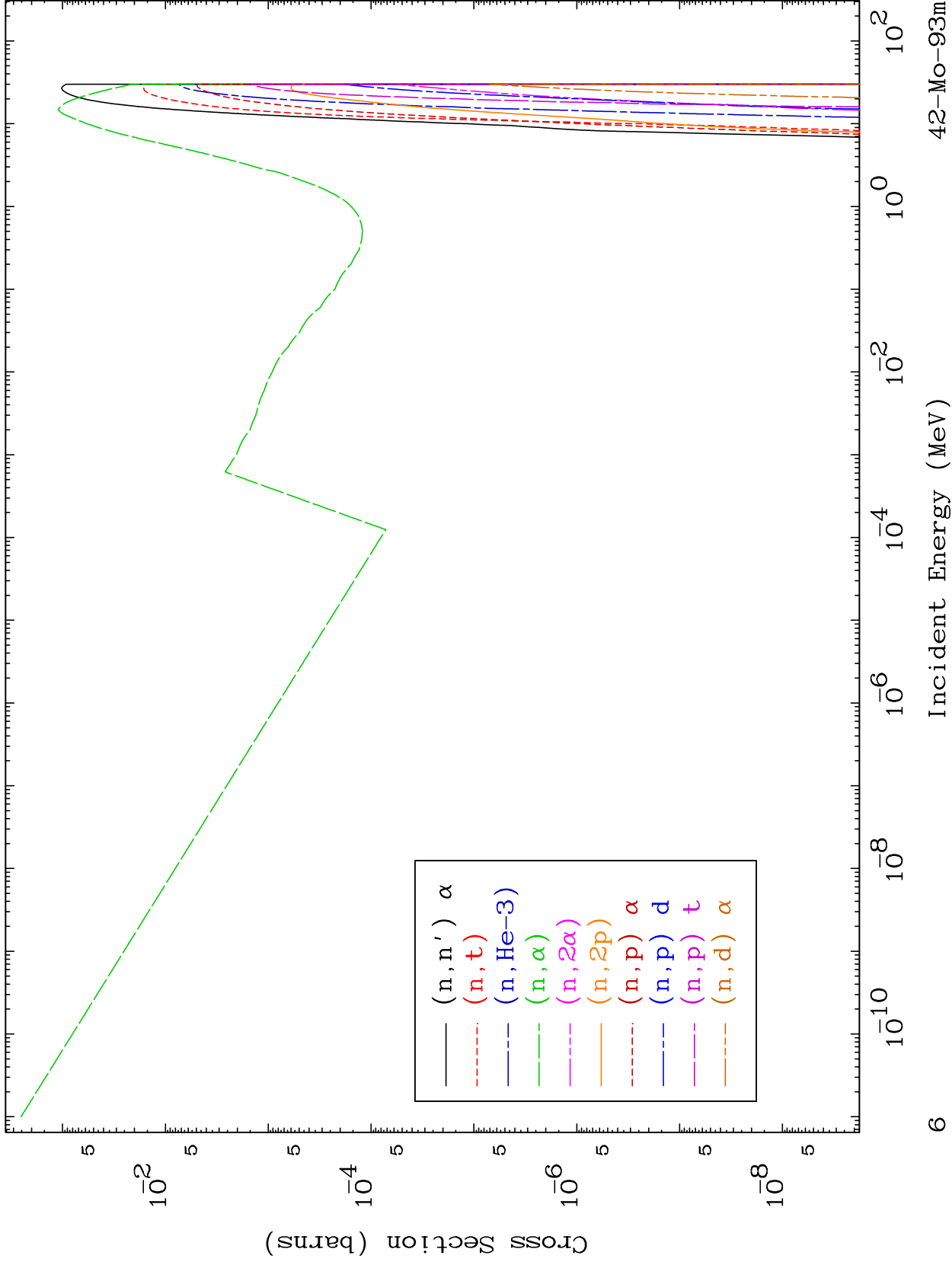
42-Mo-93m



MAT 4229

Charged Particle  
293 Kelvin Cross Sections

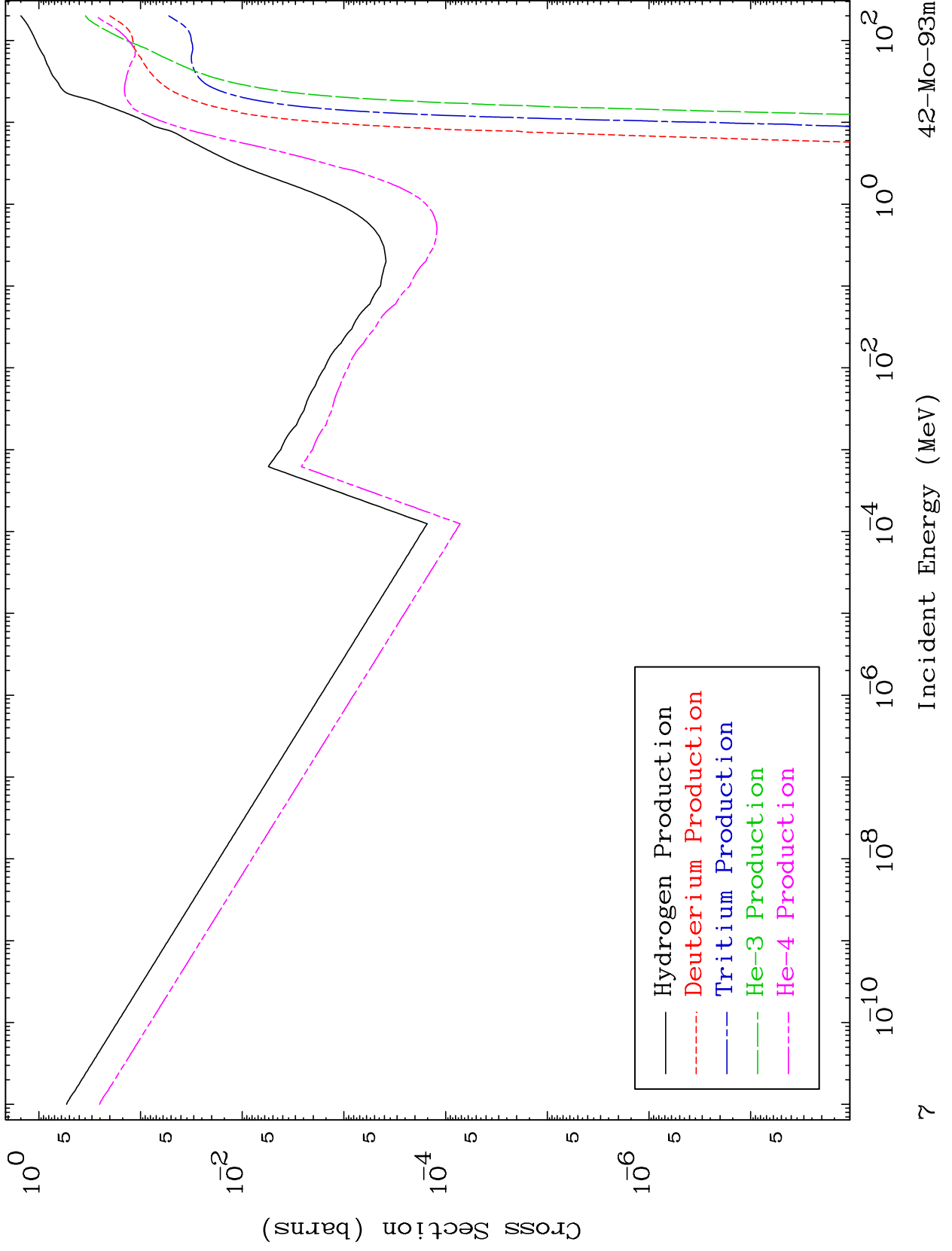
42-Mo-93m



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Particle Production  
293 Kelvin Cross Sections

42-Mo-93m

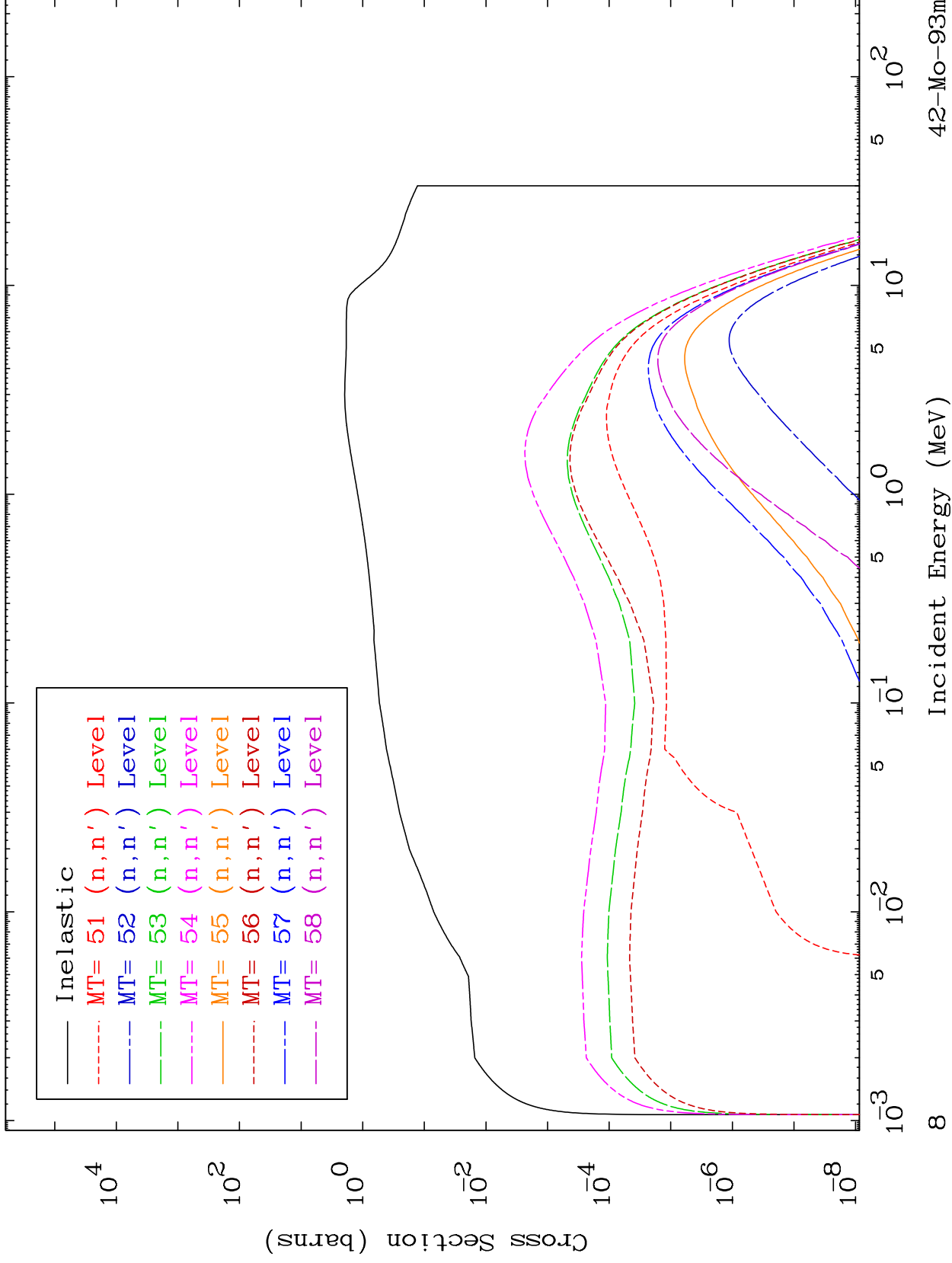




MAT 4229

(n,n') Levels  
293 Kelvin Cross Sections

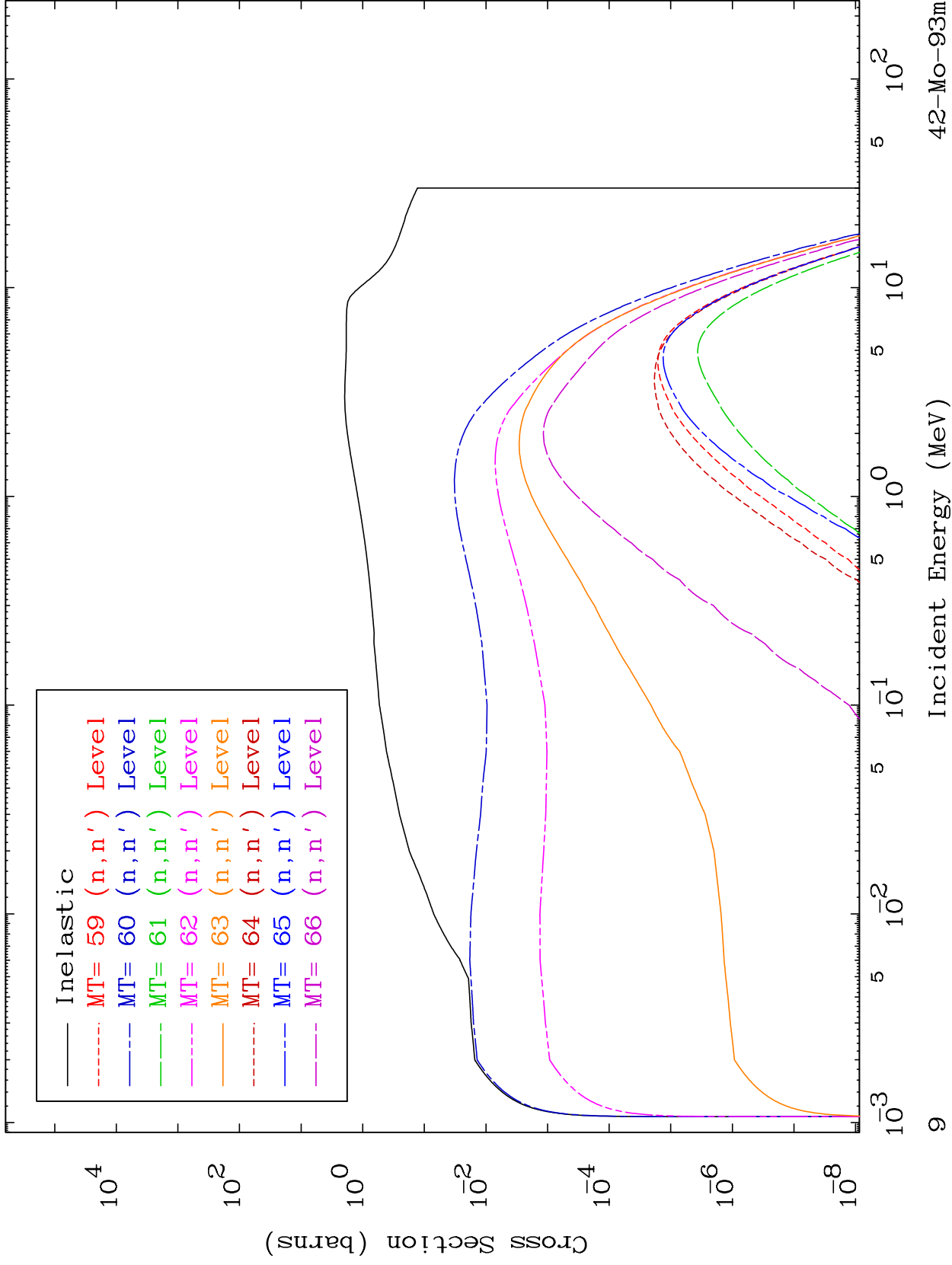
42-Mo-93m



MAT 4229

(n,n') Levels  
293 Kelvin Cross Sections

42-Mo-93m



42-Mo-93m

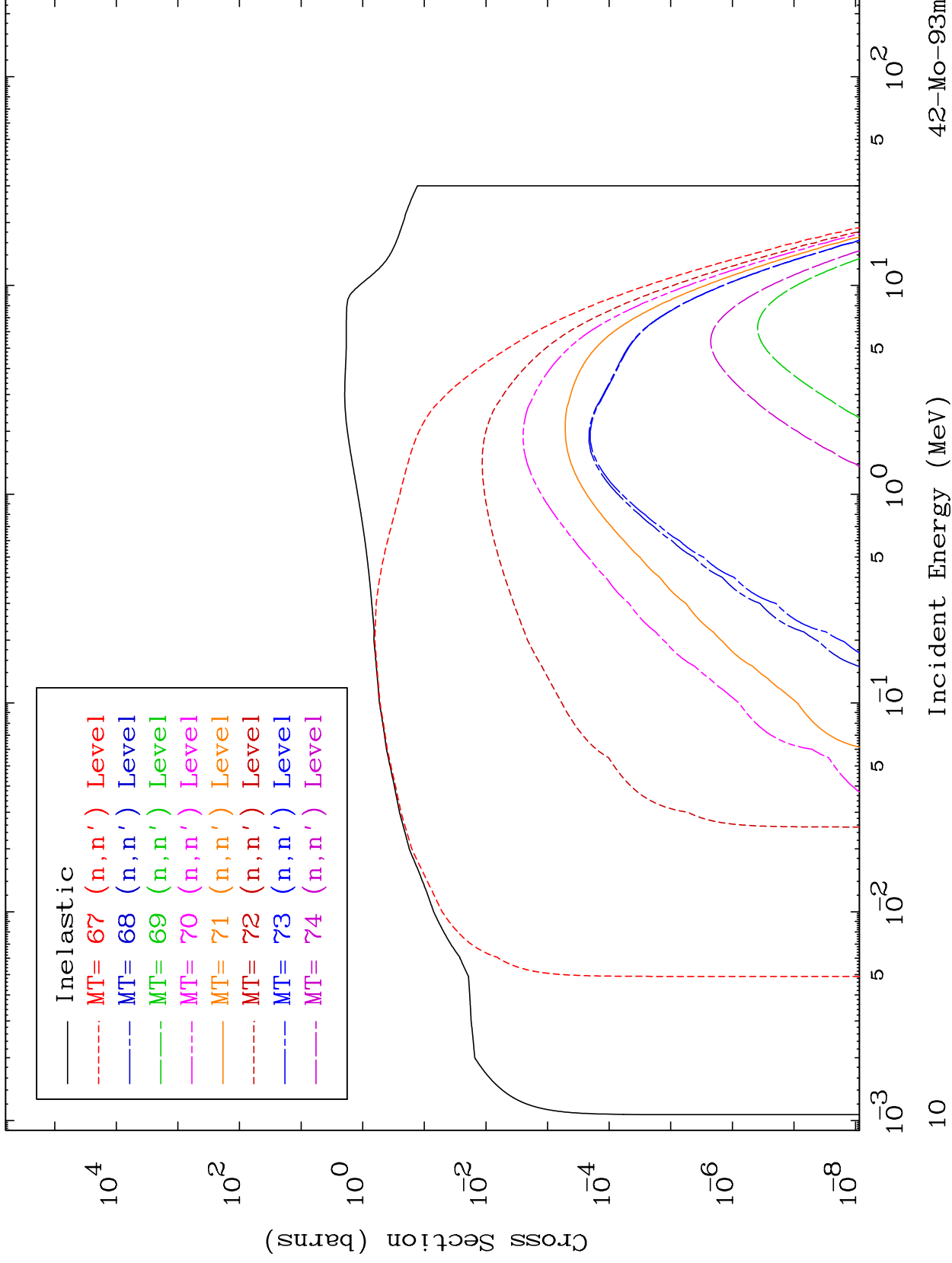
Incident Energy (MeV)

9

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(n,n') Levels  
293 Kelvin Cross Sections

42-Mo-93m



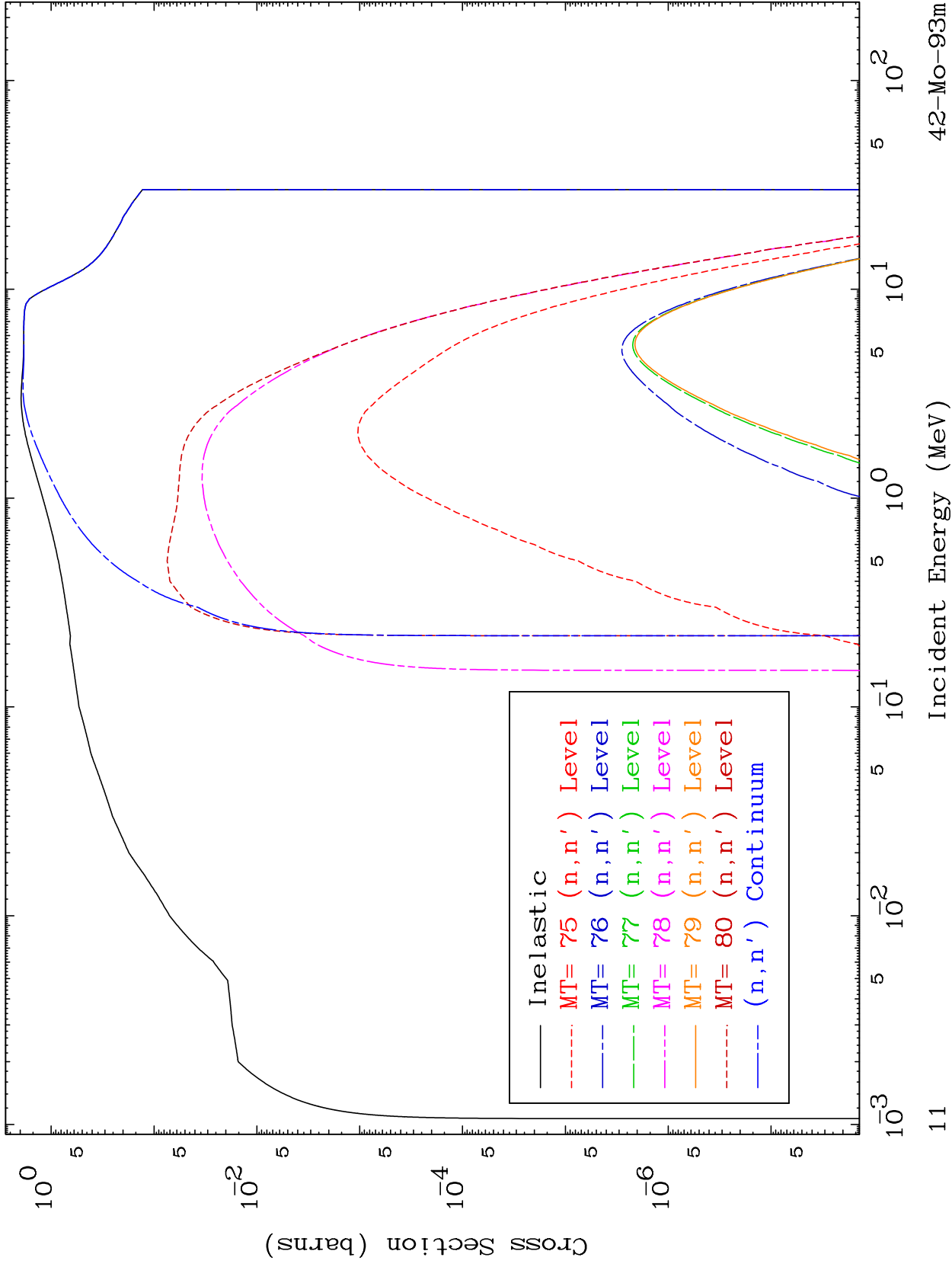
42-Mo-93m

Incident Energy (MeV)

MAT 4229

(n,n') Levels  
293 Kelvin Cross Sections

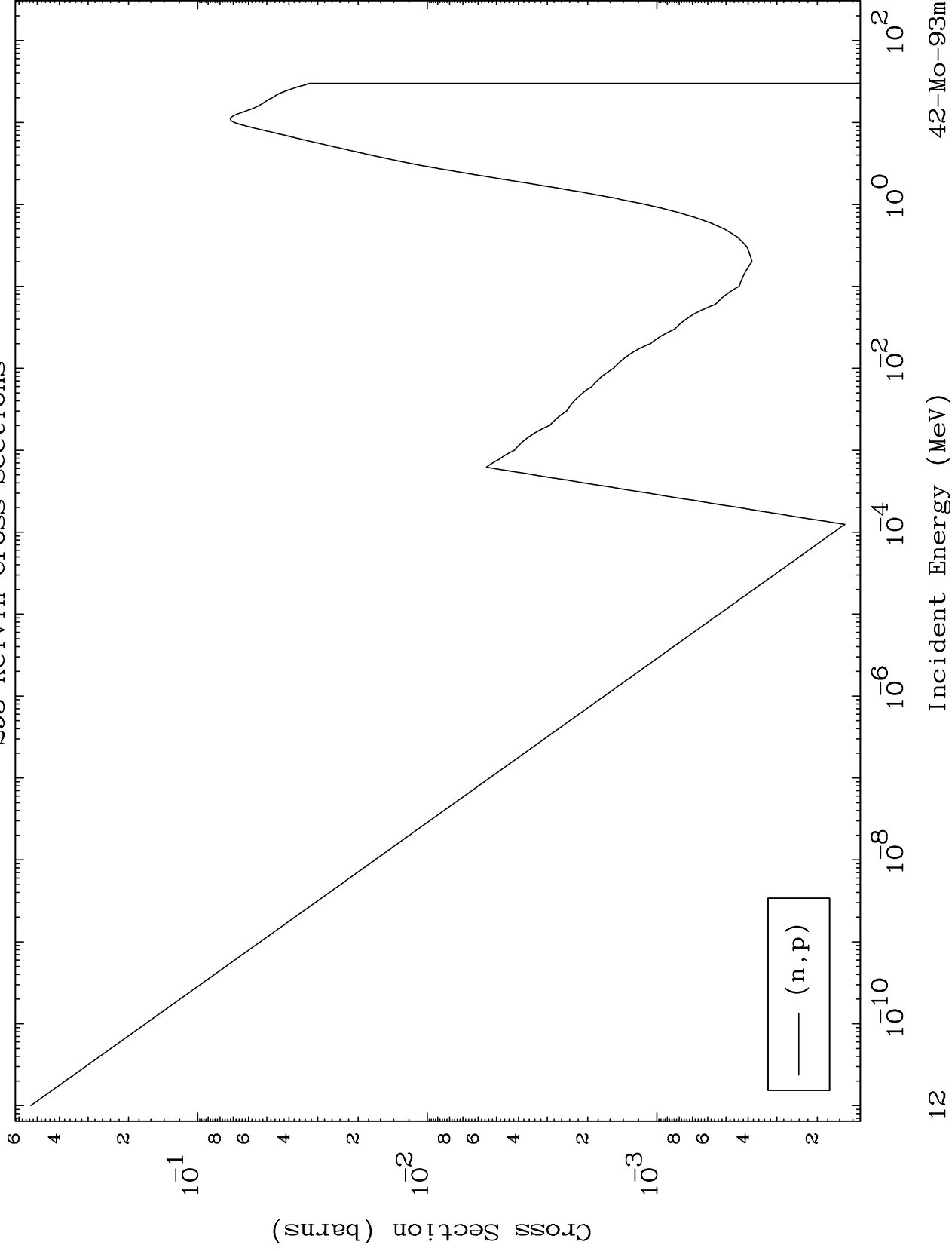
42-Mo-93m



MAT 4229

(n,p) Levels  
293 Kelvin Cross Sections

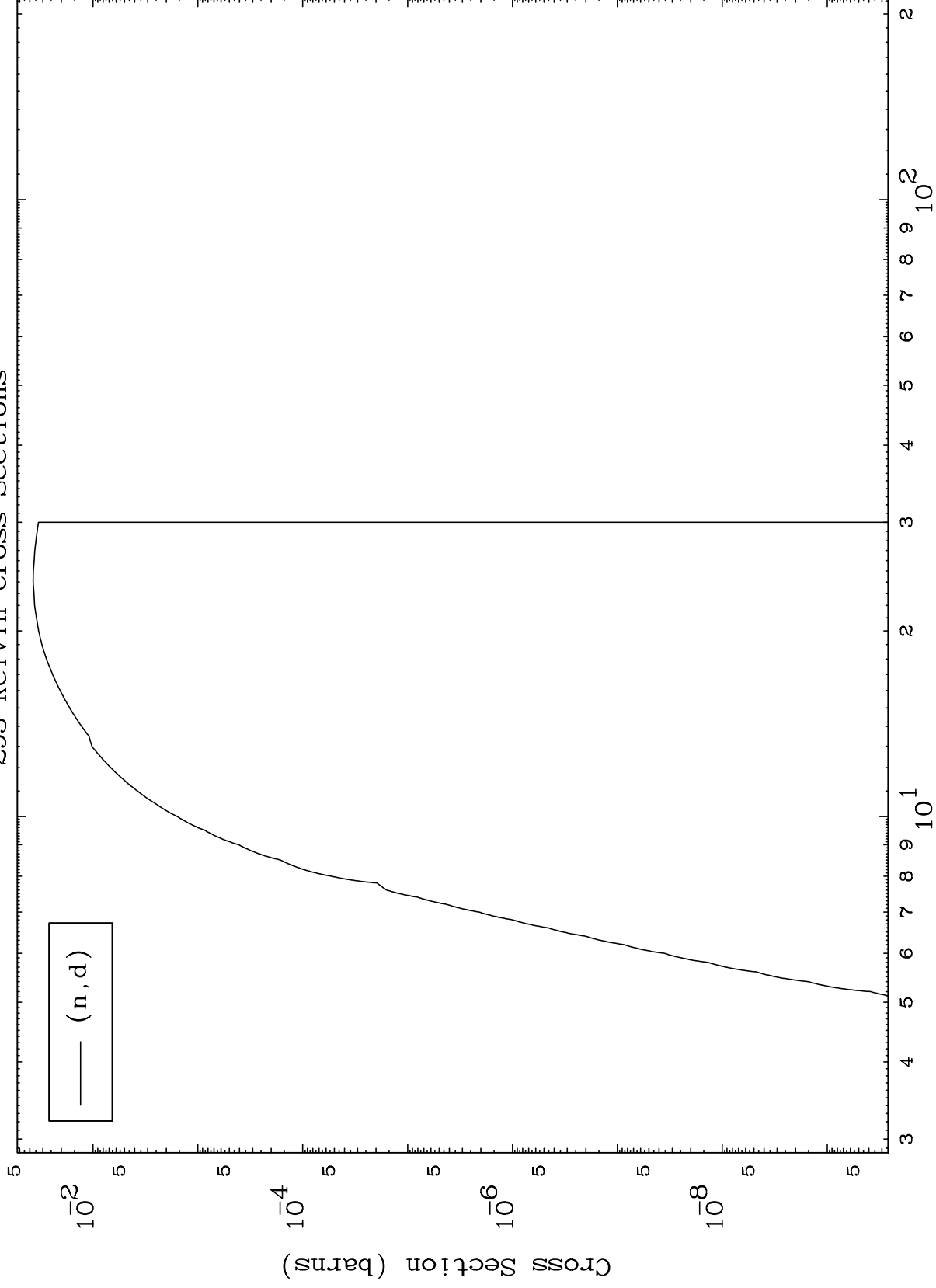
42-Mo-93m



MAT 4229

(n,d) Levels  
293 Kelvin Cross Sections

42-Mo-93m



13

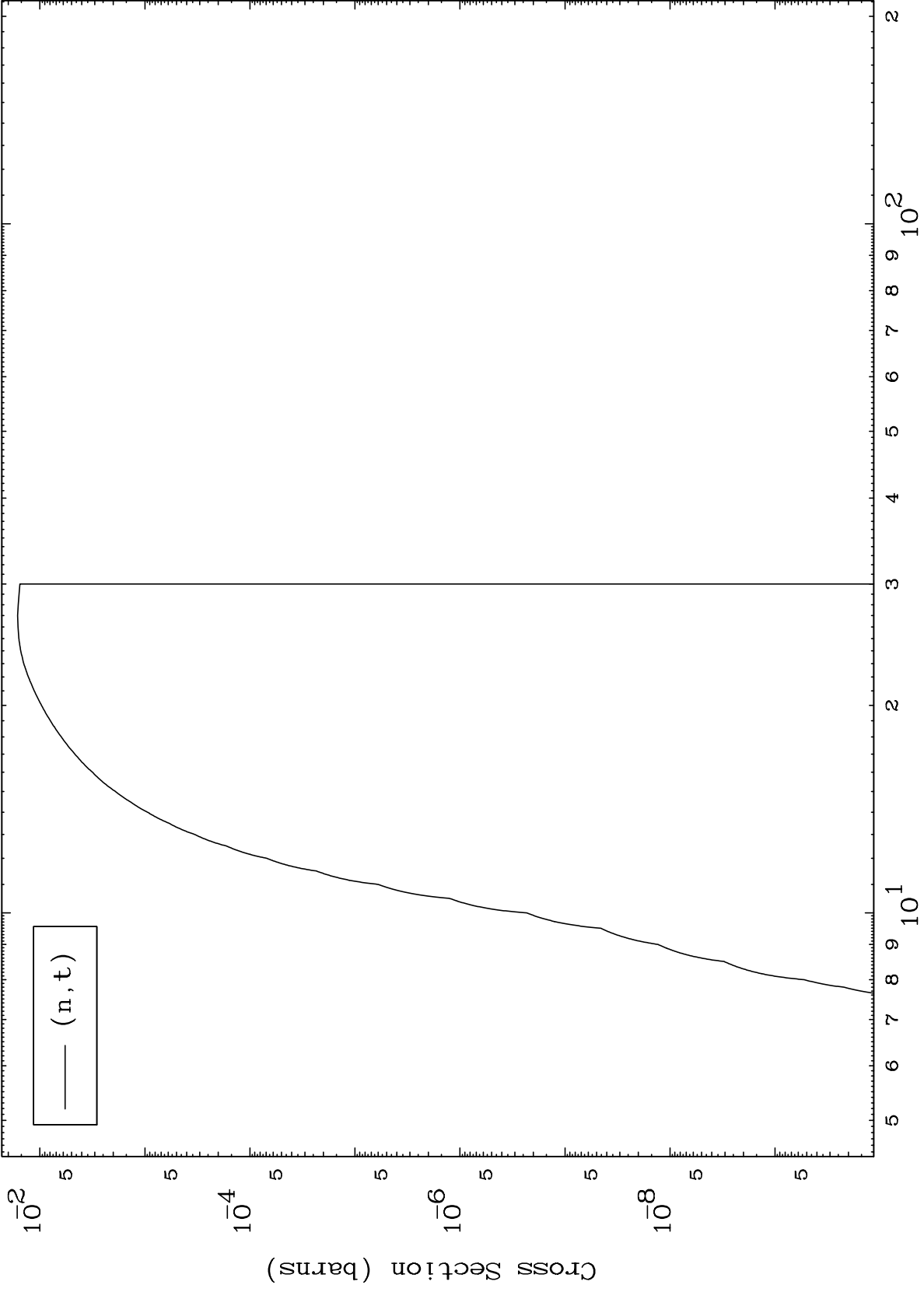
Incident Energy (MeV)

42-Mo-93m

MAT 4229

(n,t) Levels  
293 Kelvin Cross Sections

42-Mo-93m



14

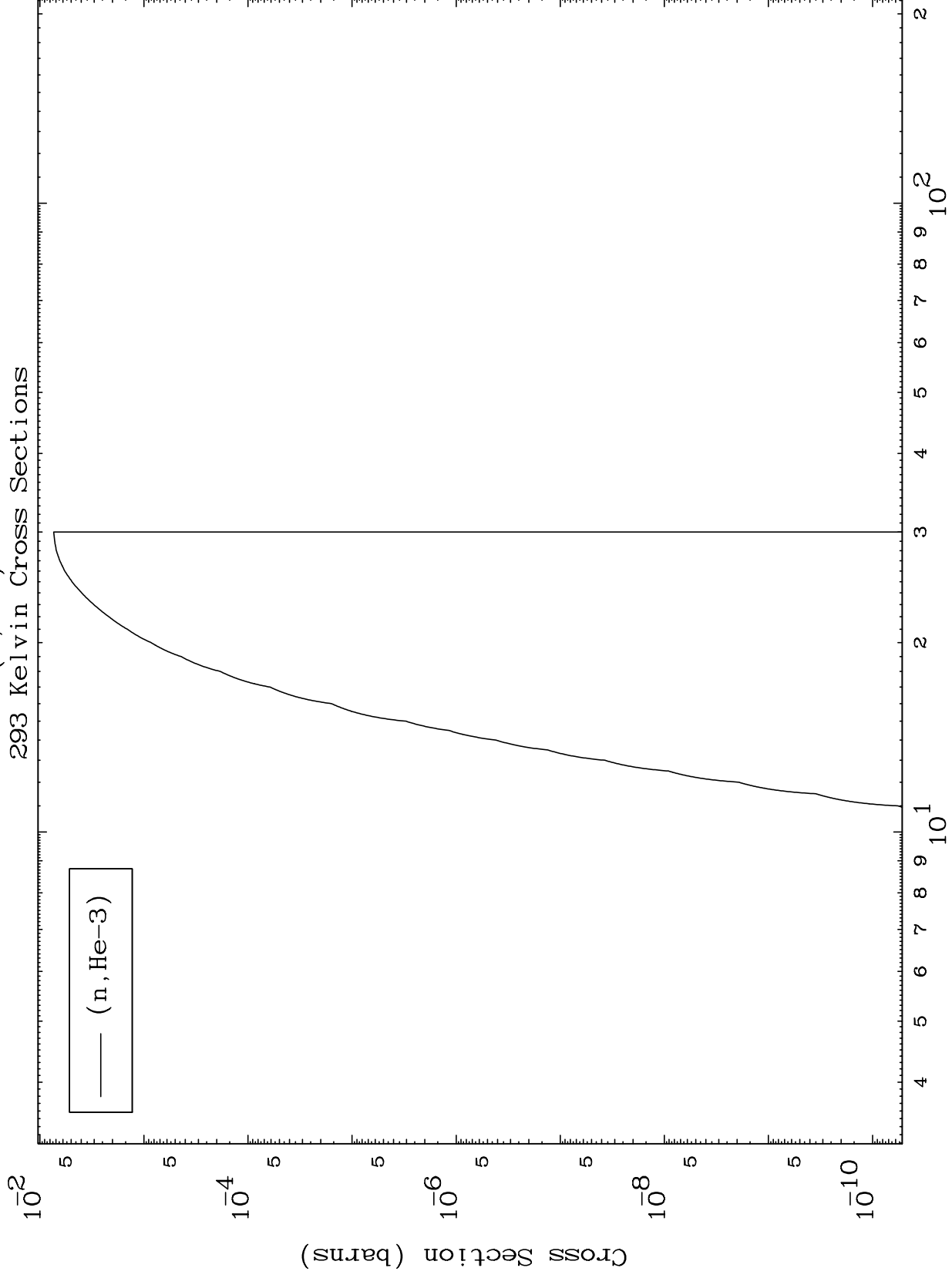
Incident Energy (MeV)

42-Mo-93m

MAT 4229

(n,He3) Levels  
293 Kelvin Cross Sections

42-Mo-93m



15

Incident Energy (MeV)

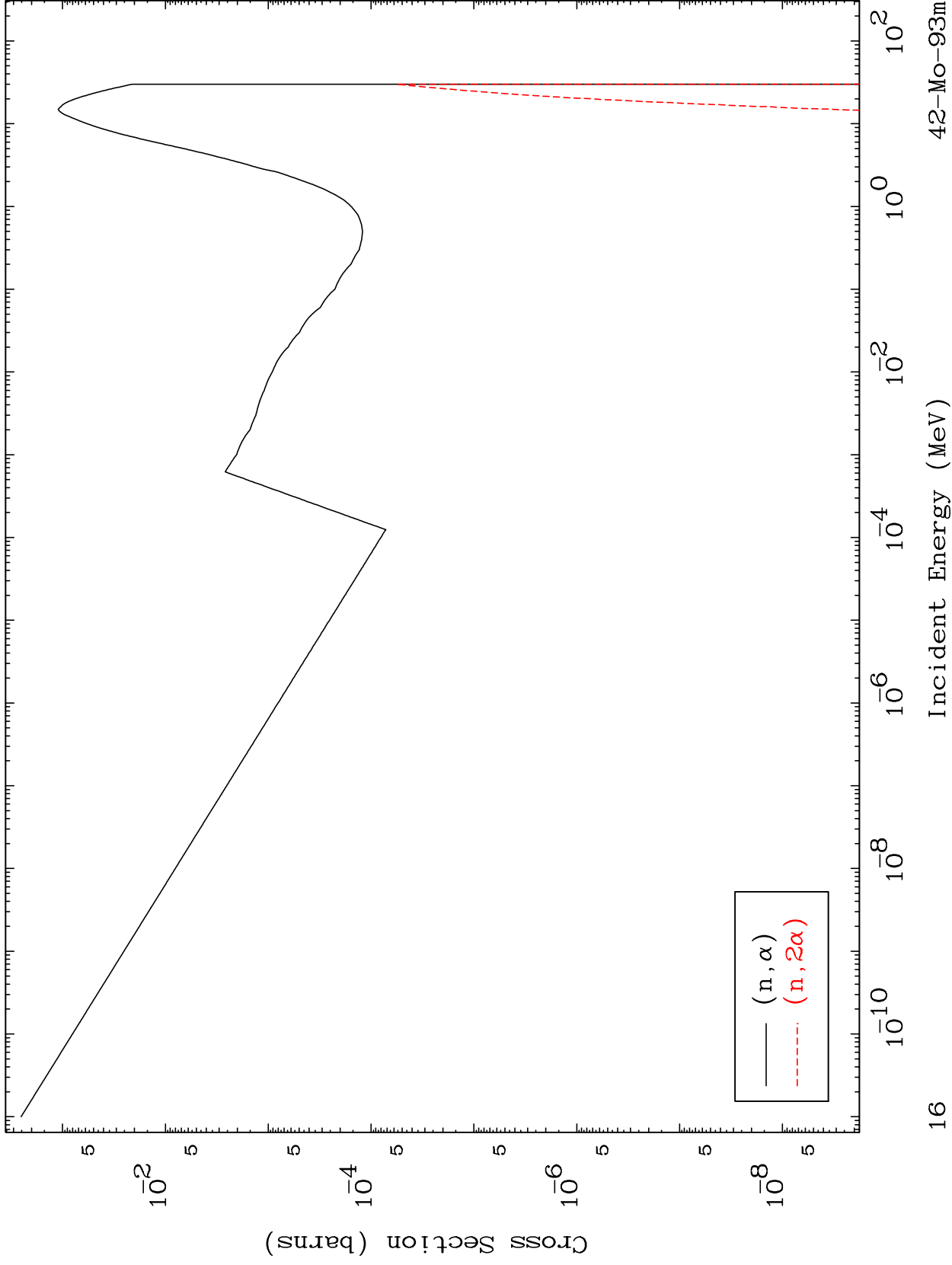
42-Mo-93m

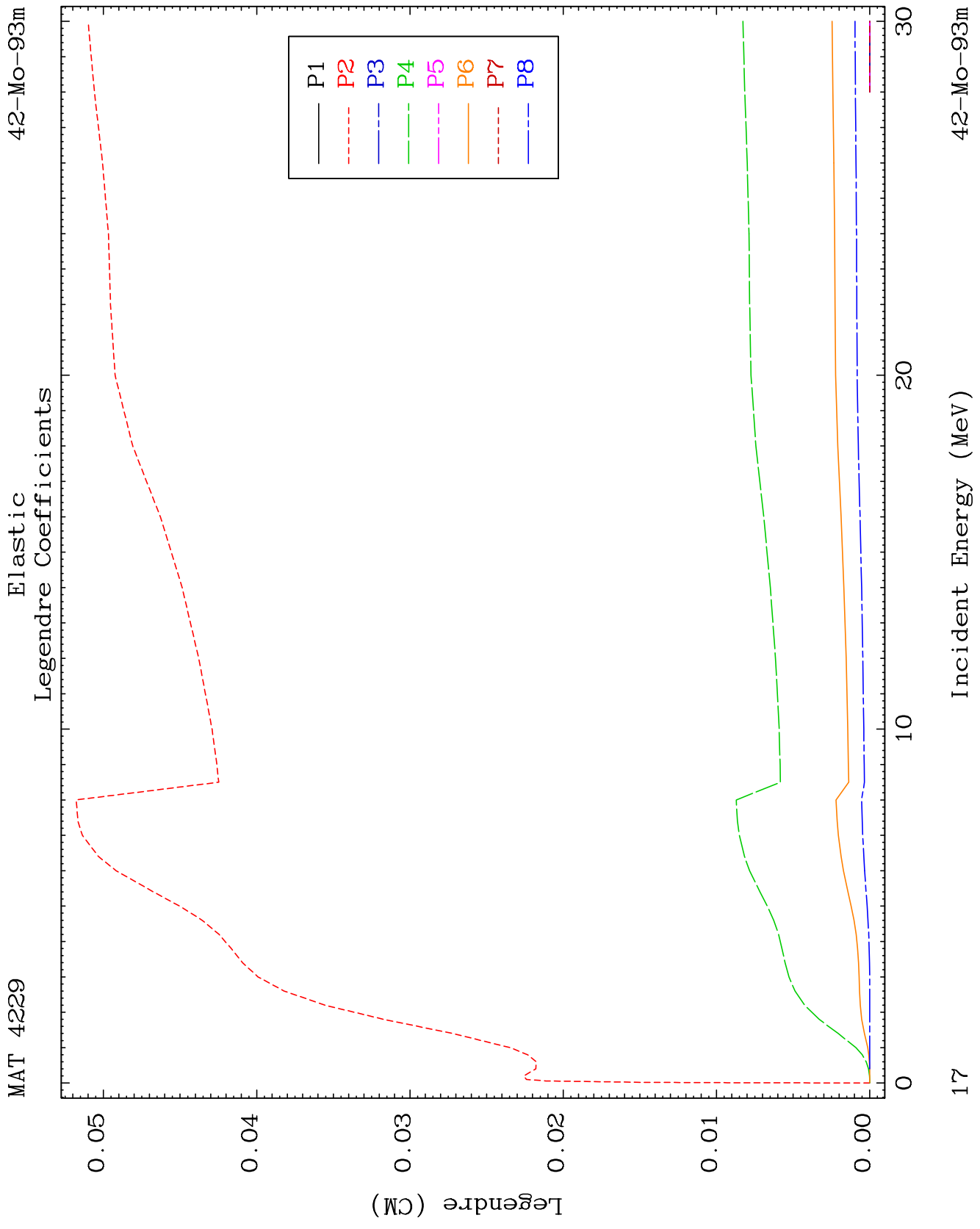


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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

42-Mo-93m

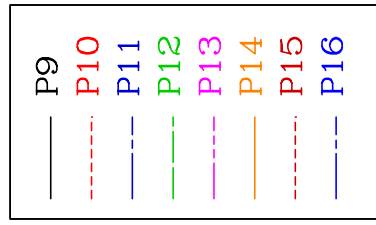




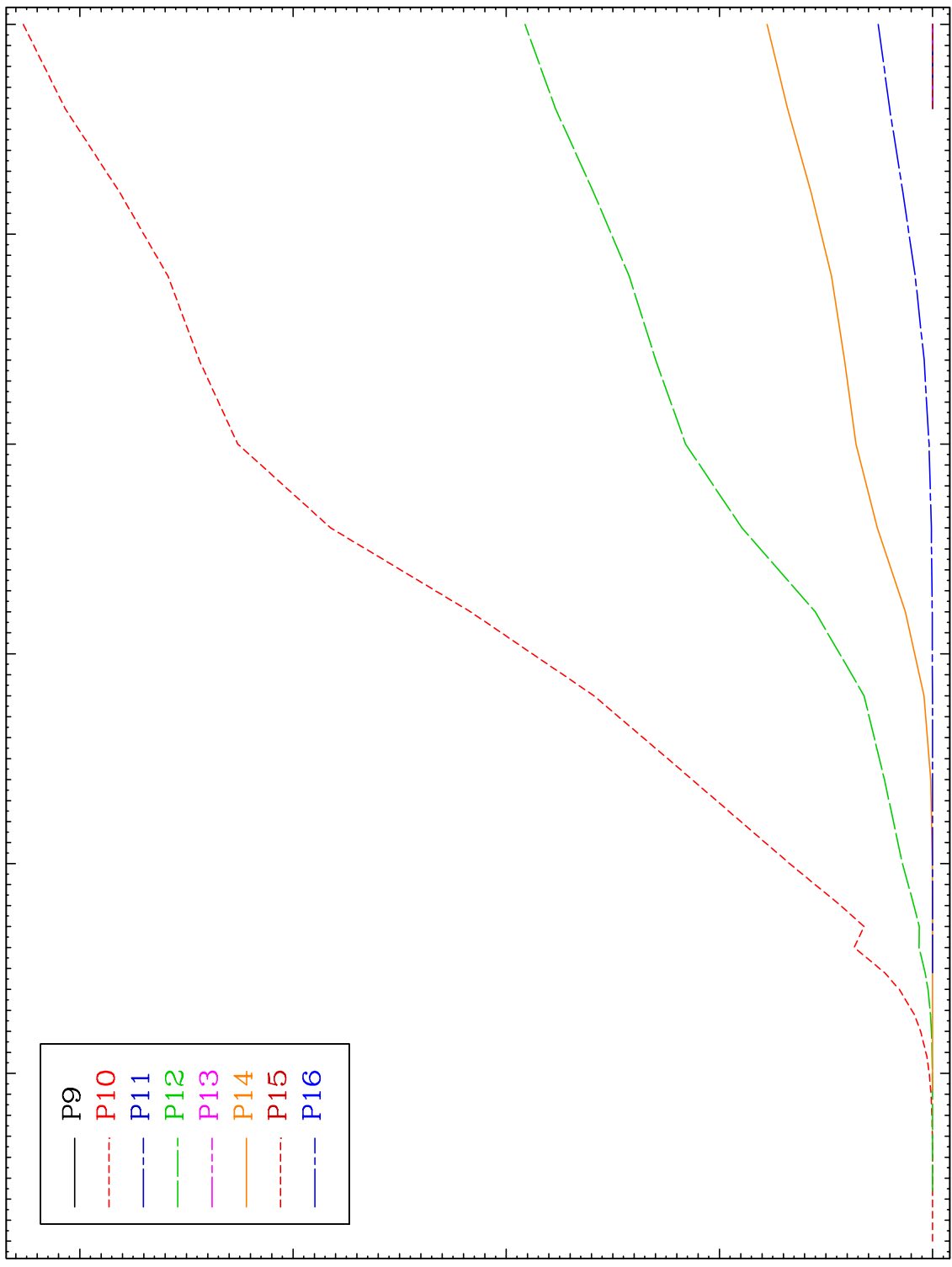
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Elastic Legendre Coefficients

42-Mo-93m



Legendre (CM)  $\times 10^{-4}$



18

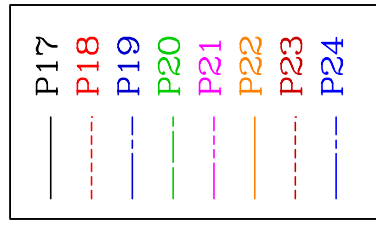
Incident Energy (MeV)

42-Mo-93m

MAT 4229

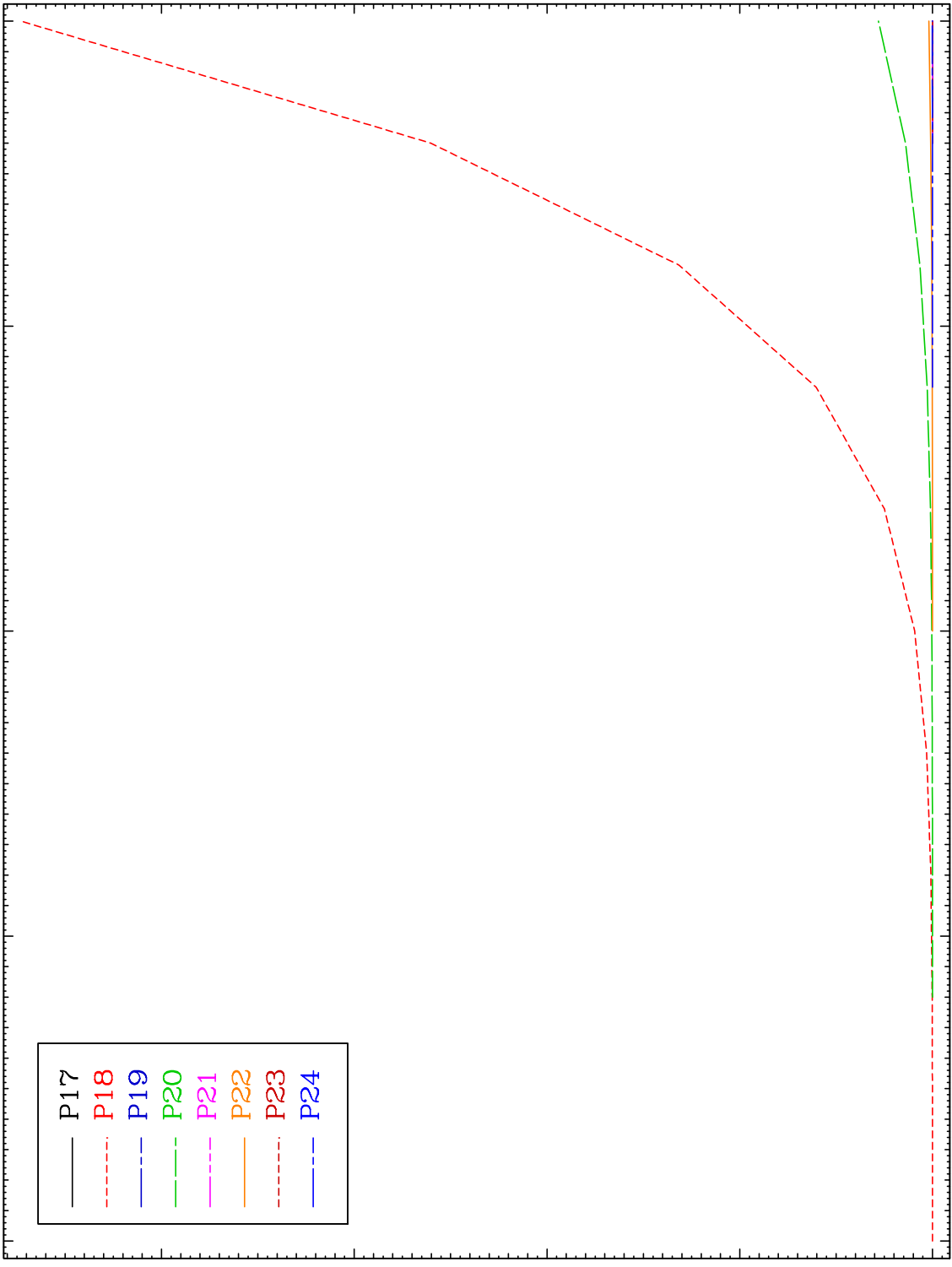
Elastic Legendre Coefficients

42-Mo-93m



$\times 10^{-6}$   
Legendre (CM)  
2.0  
1.5  
1.0  
0.5  
0.0

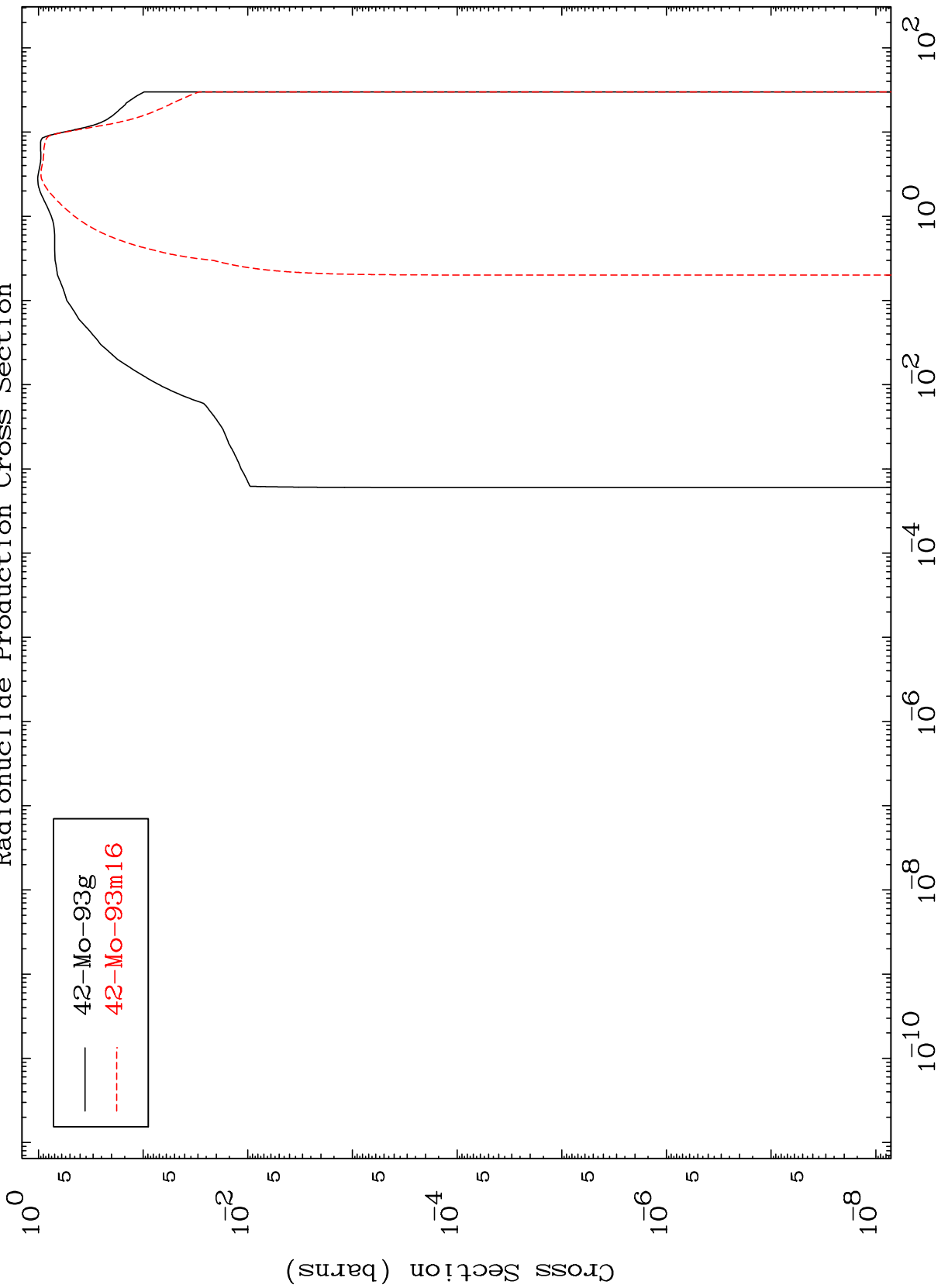
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Incident Energy (MeV)  
42-Mo-93m



MAT 4229

42-Mo-93m

Inelastic  
Radionuclide Production Cross Section



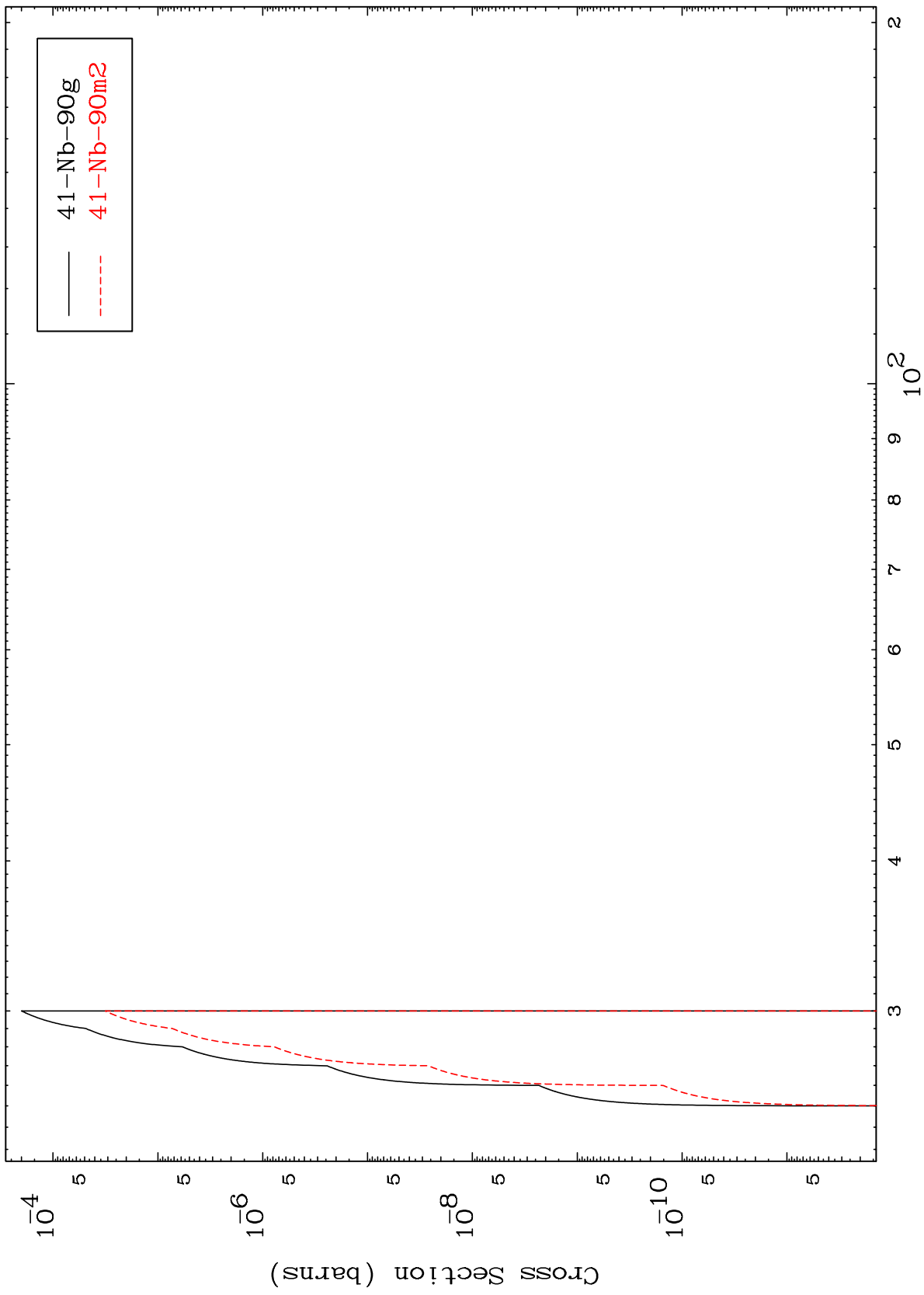
— 42-Mo-93g  
- - - 42-Mo-93m16

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(n,2n) d

42-Mo-93m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

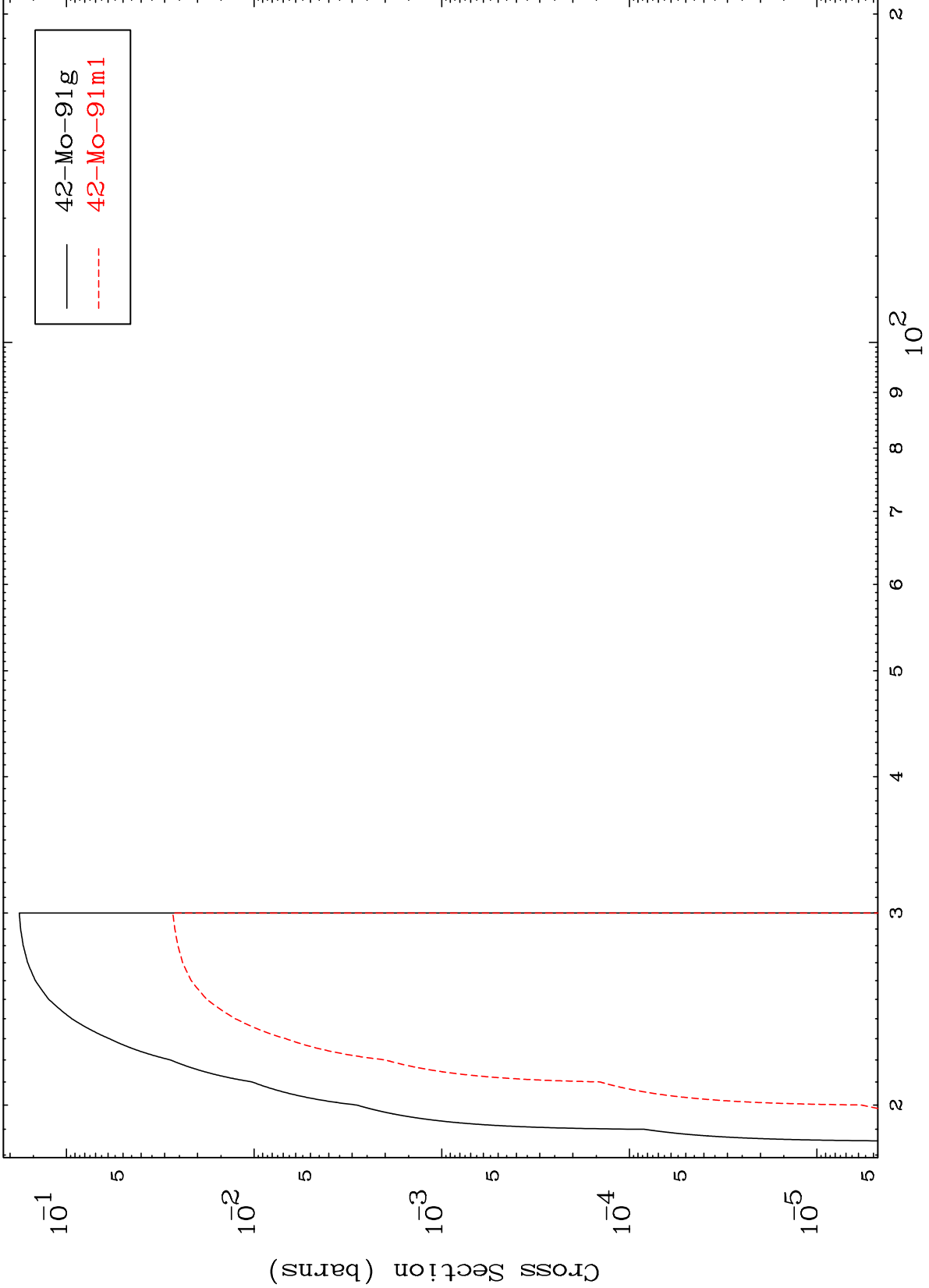
42-Mo-93m

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(n,3n)

42-Mo-93m

Radionuclide Production Cross Section



42-Mo-91g  
42-Mo-91m1

22

Incident Energy (MeV)

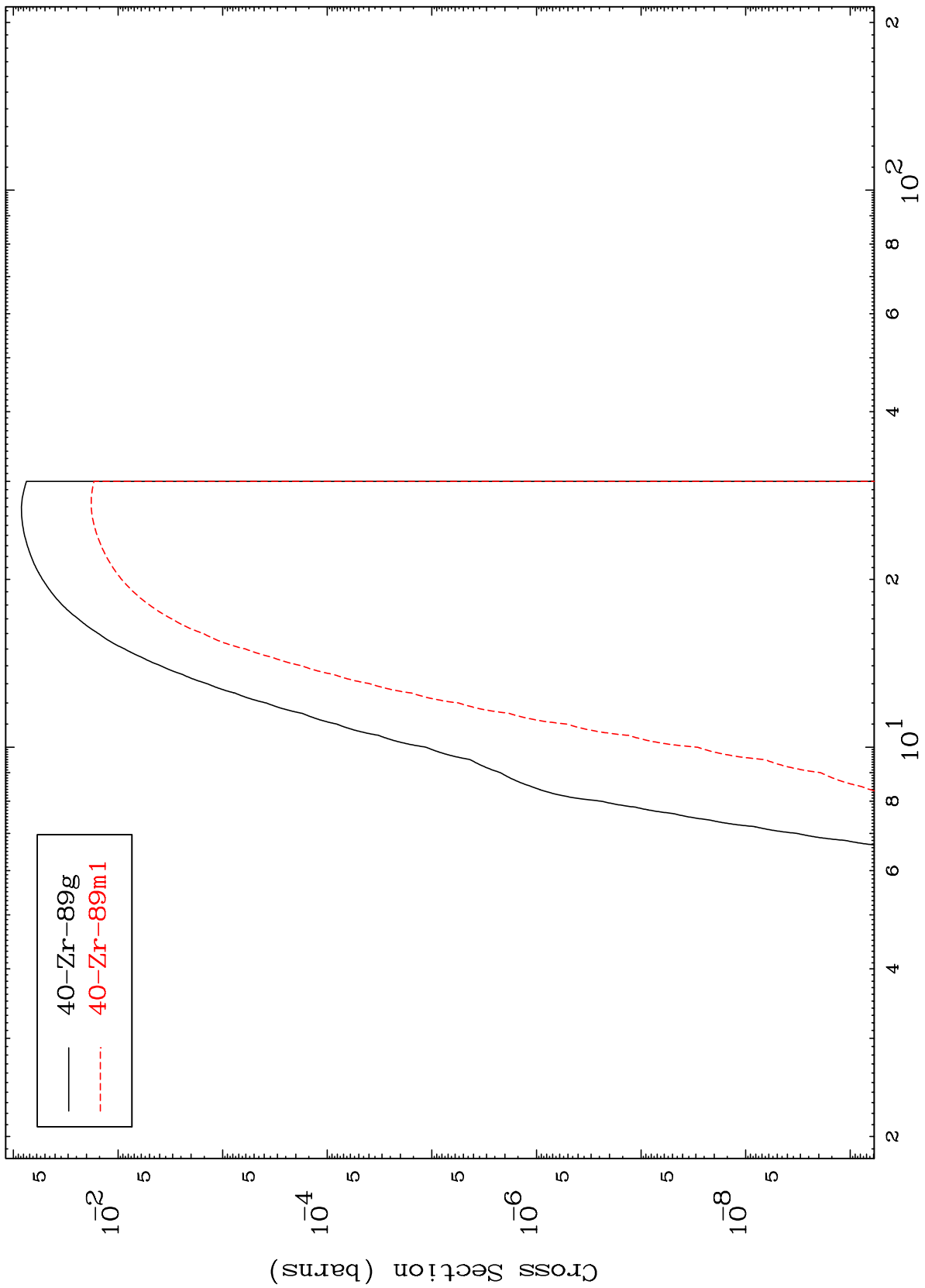
42-Mo-93m

MAT 4229

(n,n')  $\alpha$

42-Mo-93m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

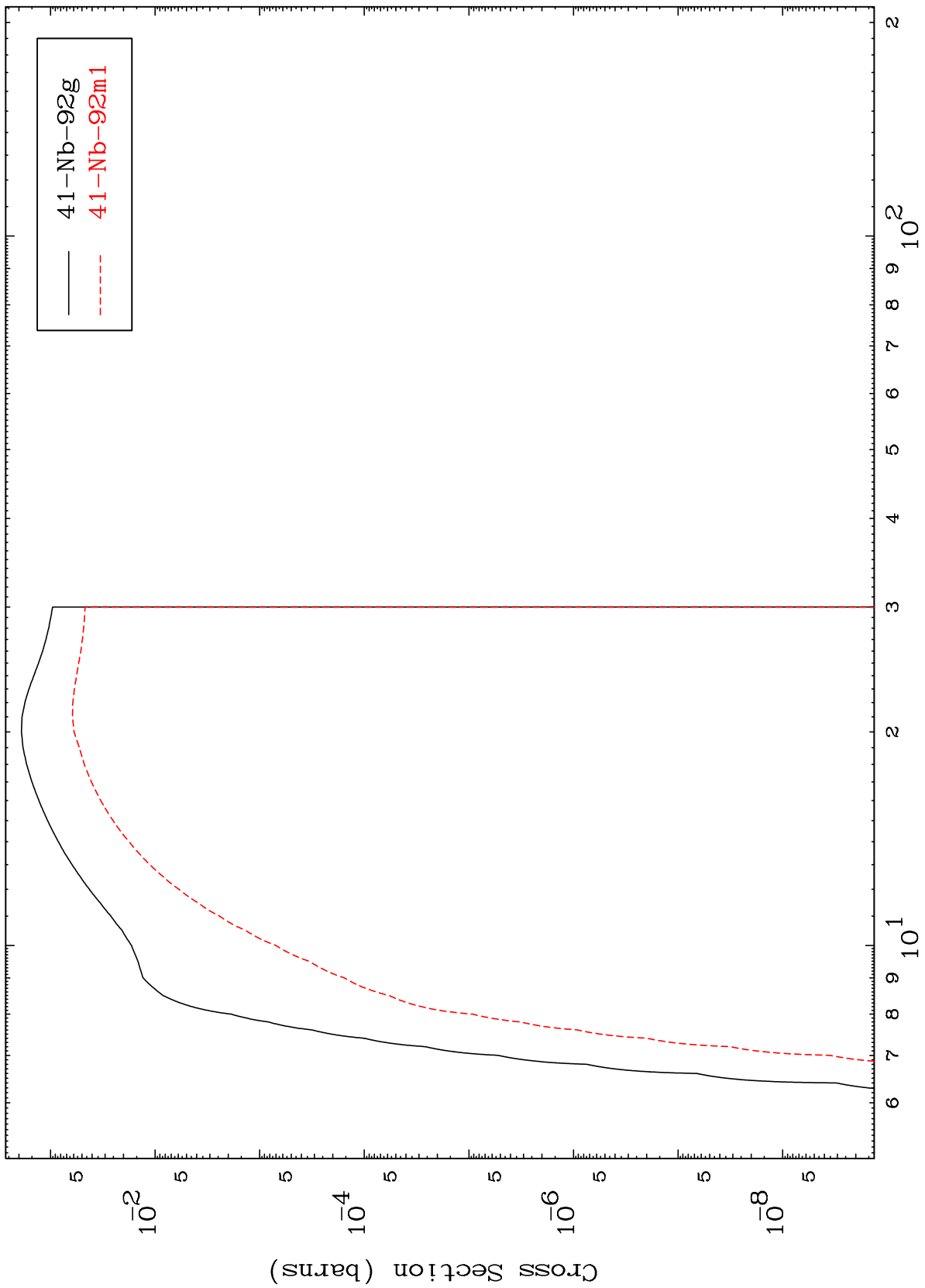
42-Mo-93m



MAT 4229

42-Mo-93m

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



24

Incident Energy (MeV)

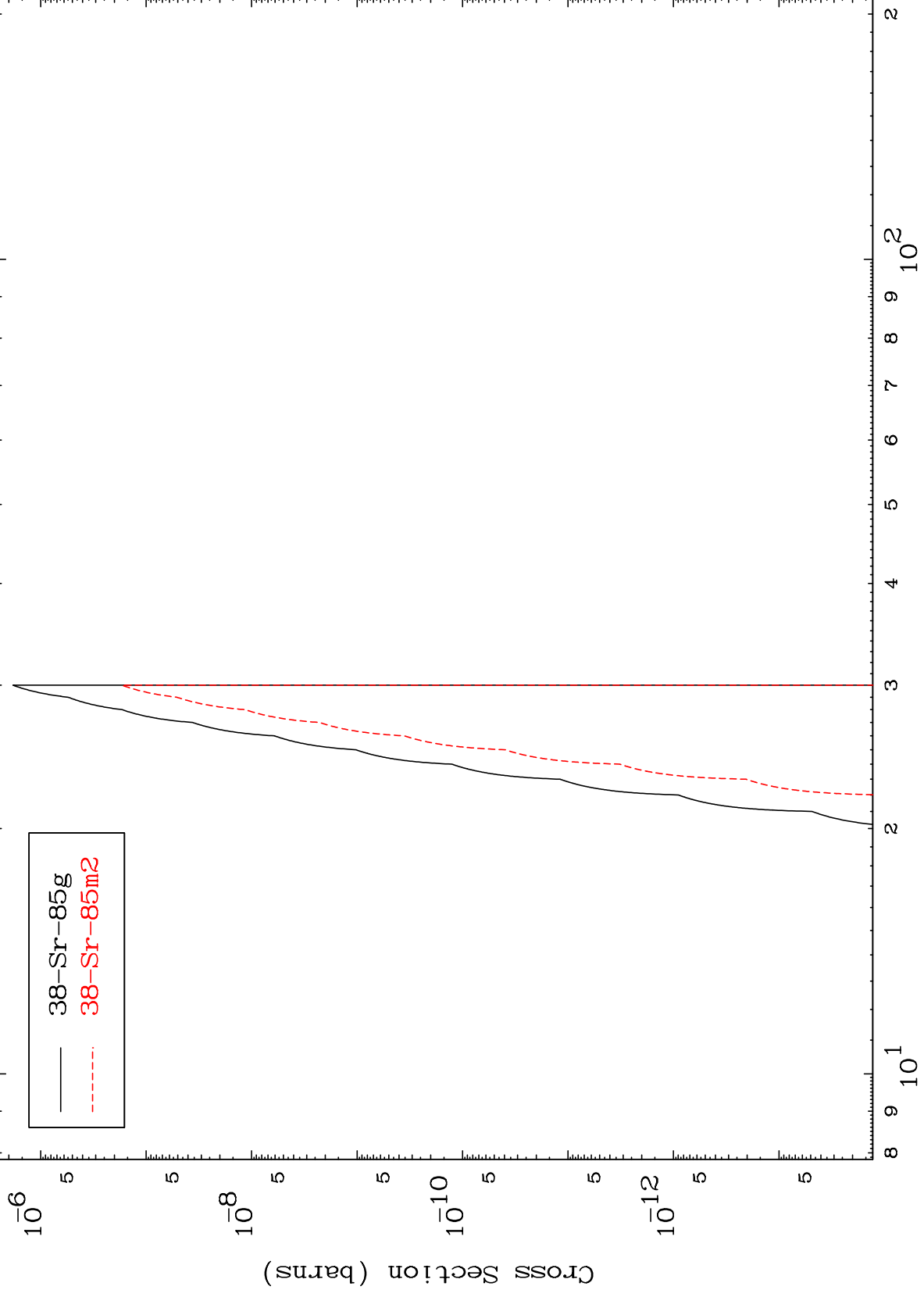
42-Mo-93m

MAT 4229

(n,n') 2α

42-Mo-93m

Radionuclide Production Cross Section



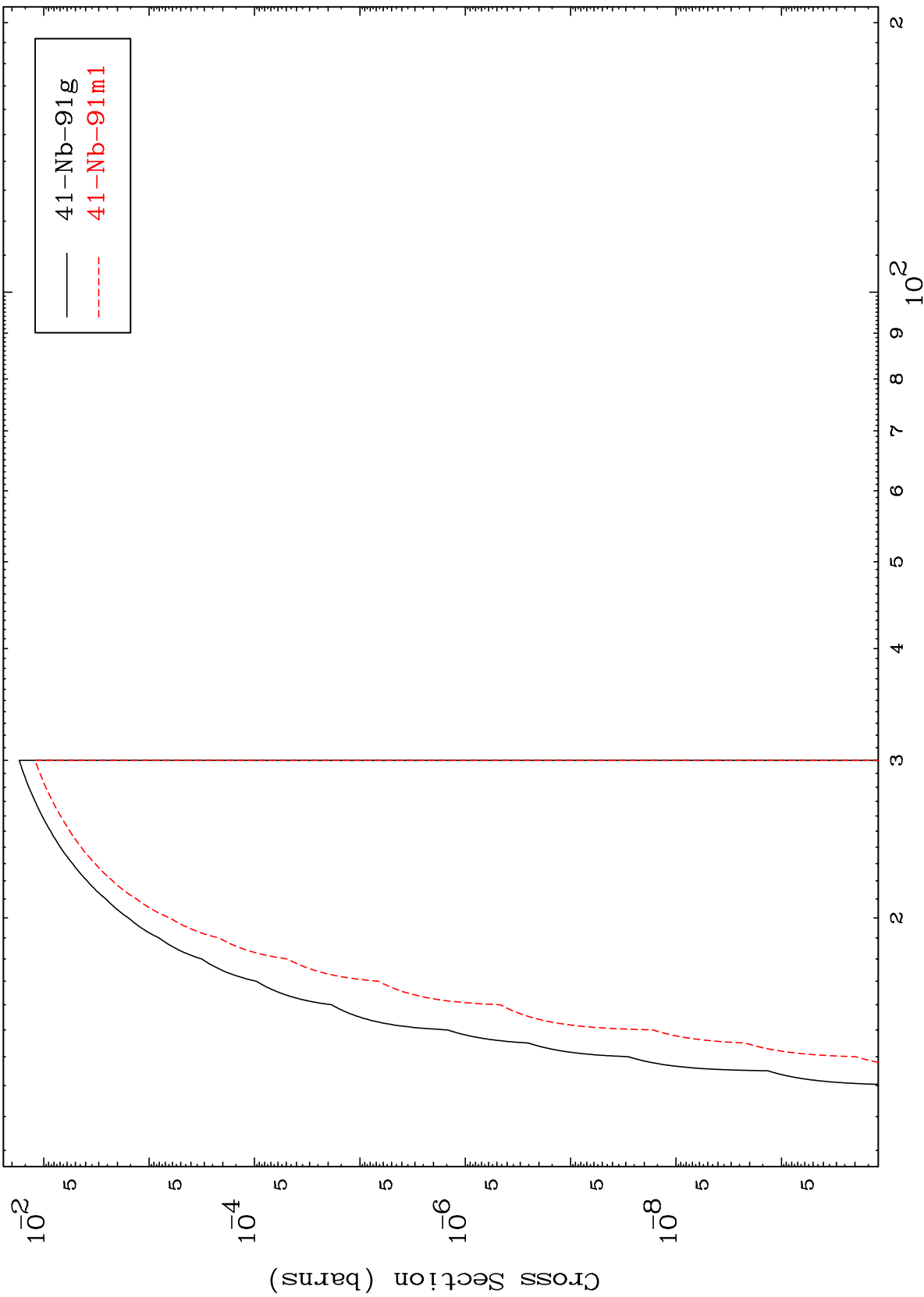
— 38-Sr-85g  
- - - 38-Sr-85m2

25

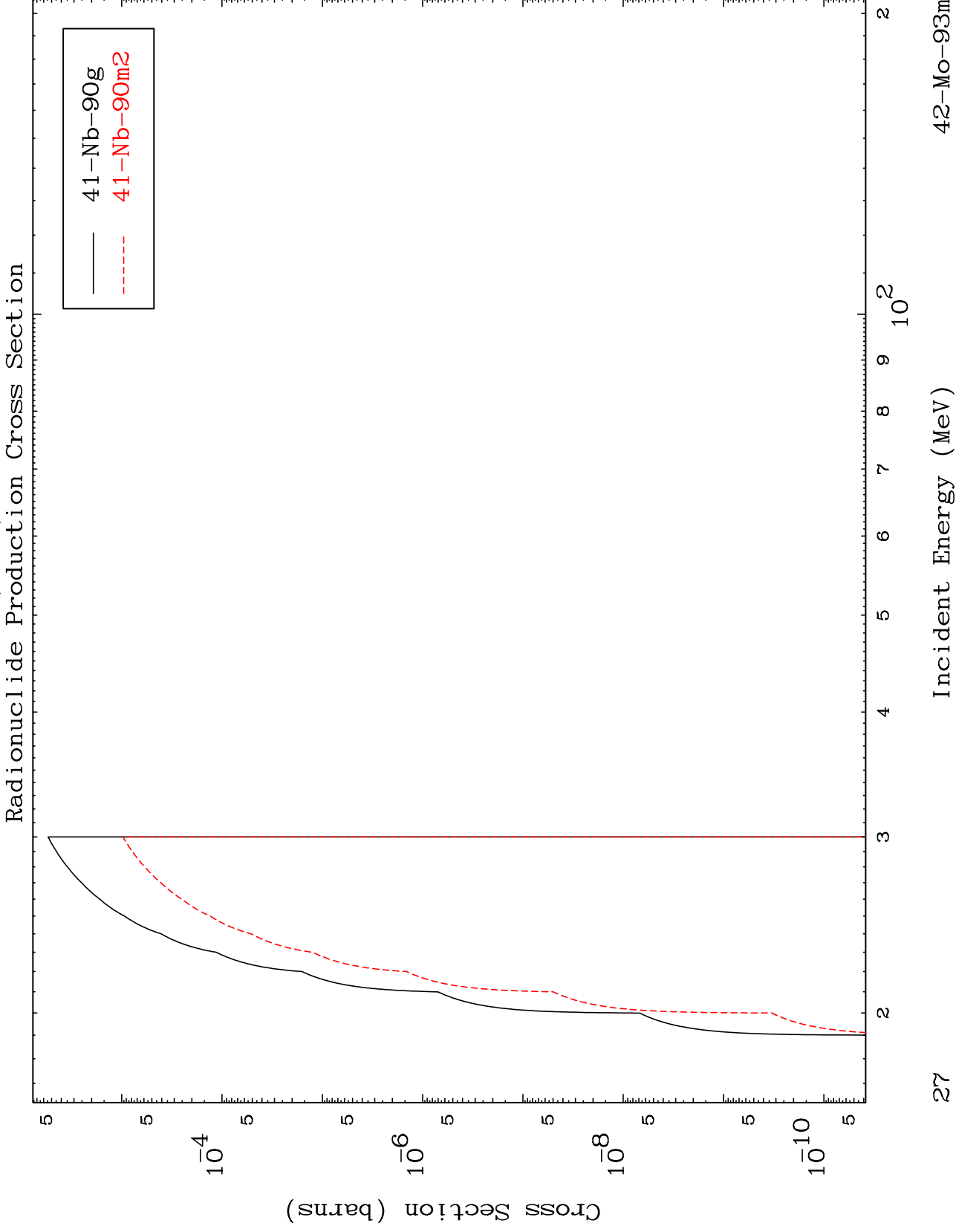
Incident Energy (MeV)

42-Mo-93m

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



41-Nb-91g  
41-Nb-91m1

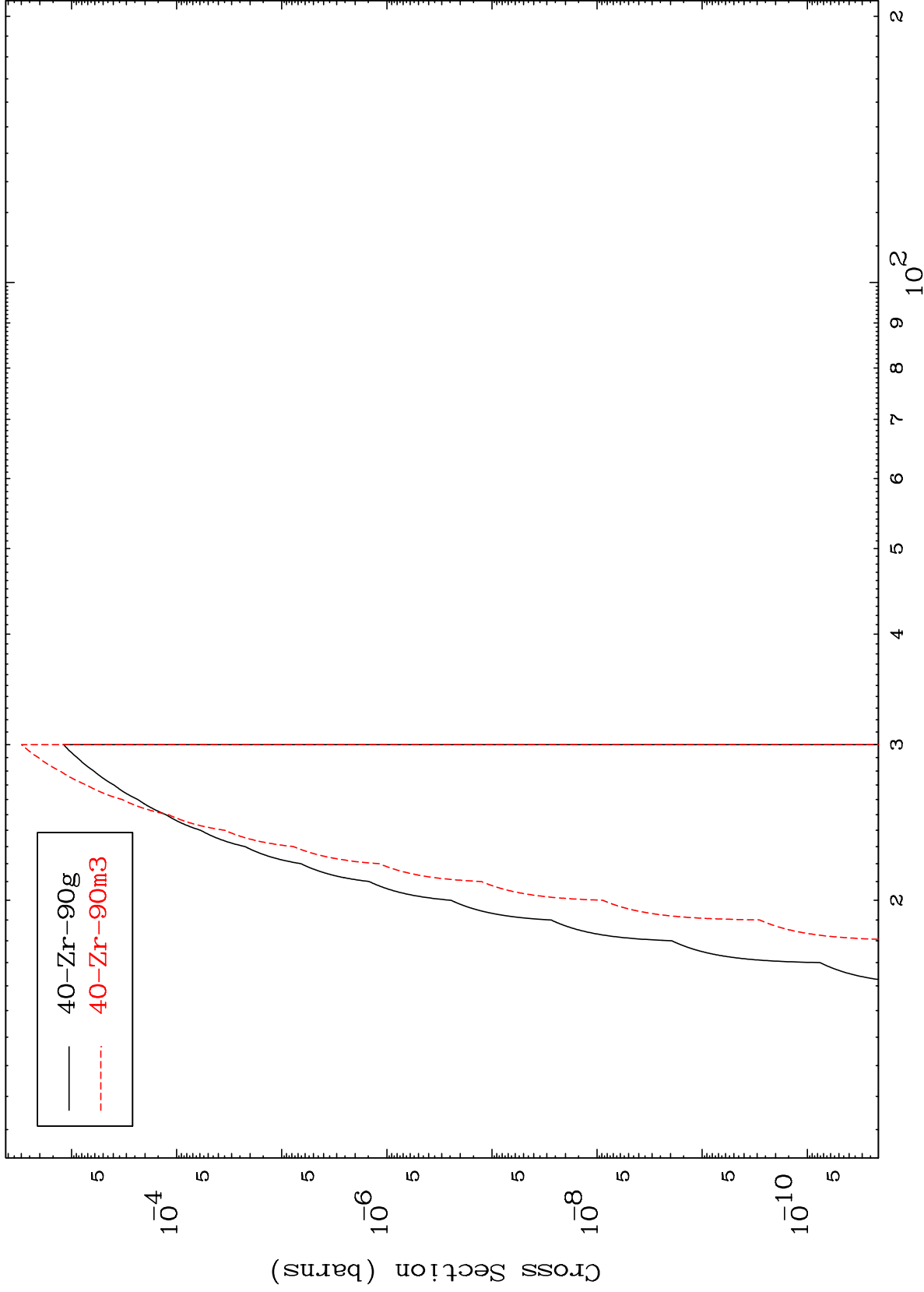


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(n,n') He-3

42-Mo-93m

Radionuclide Production Cross Section

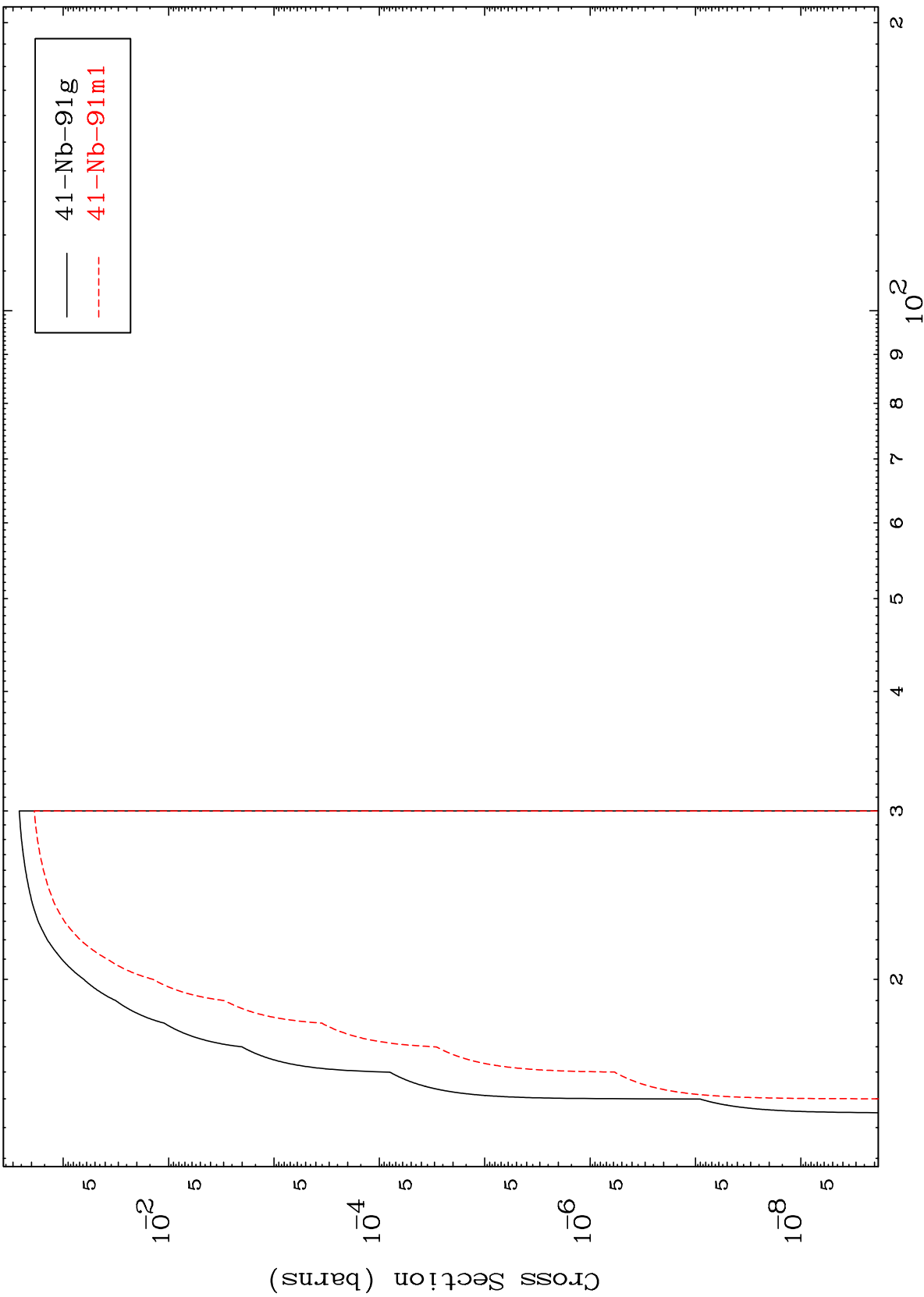


28

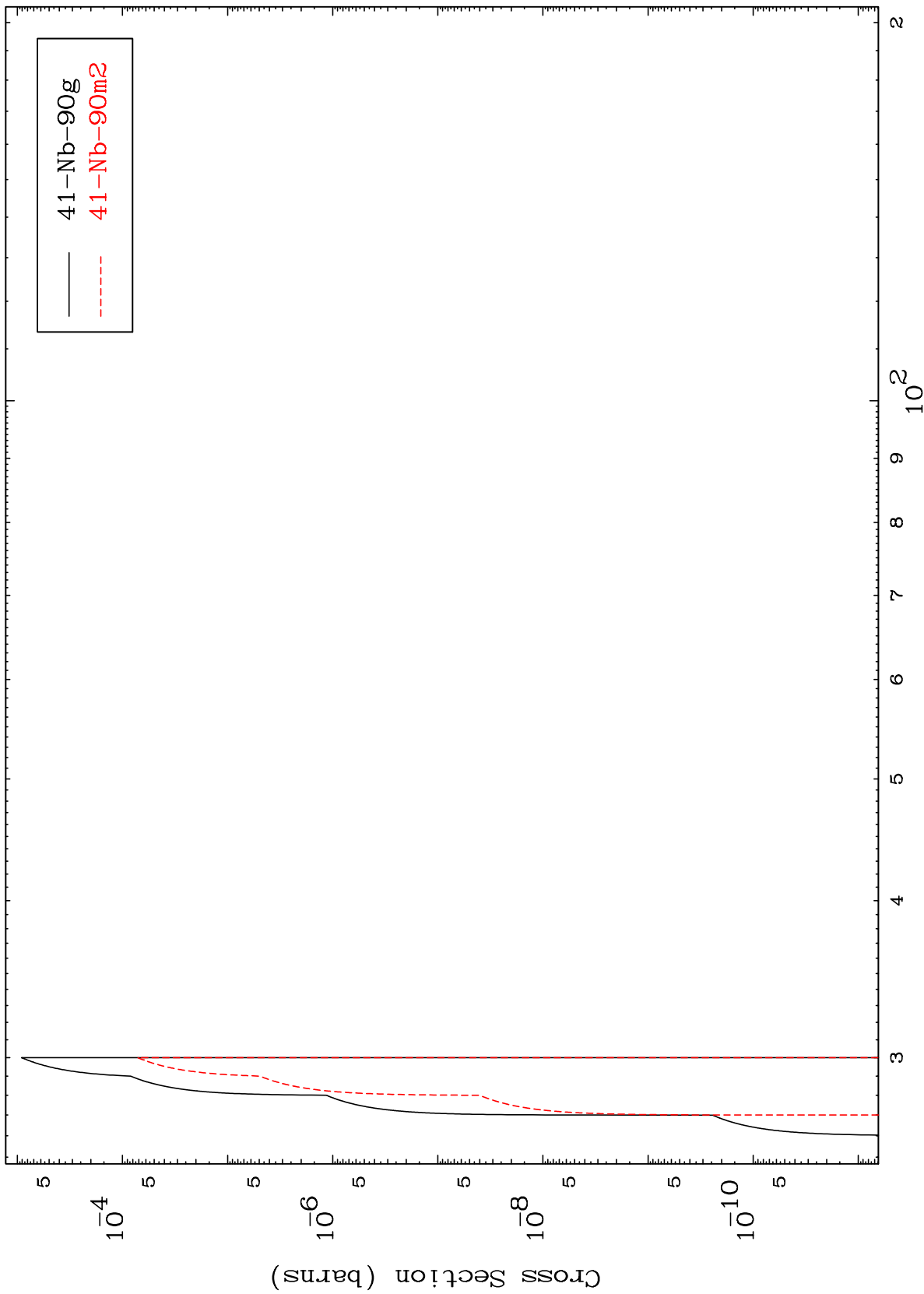
Incident Energy (MeV)

42-Mo-93m

Radionuclide Production Cross Section



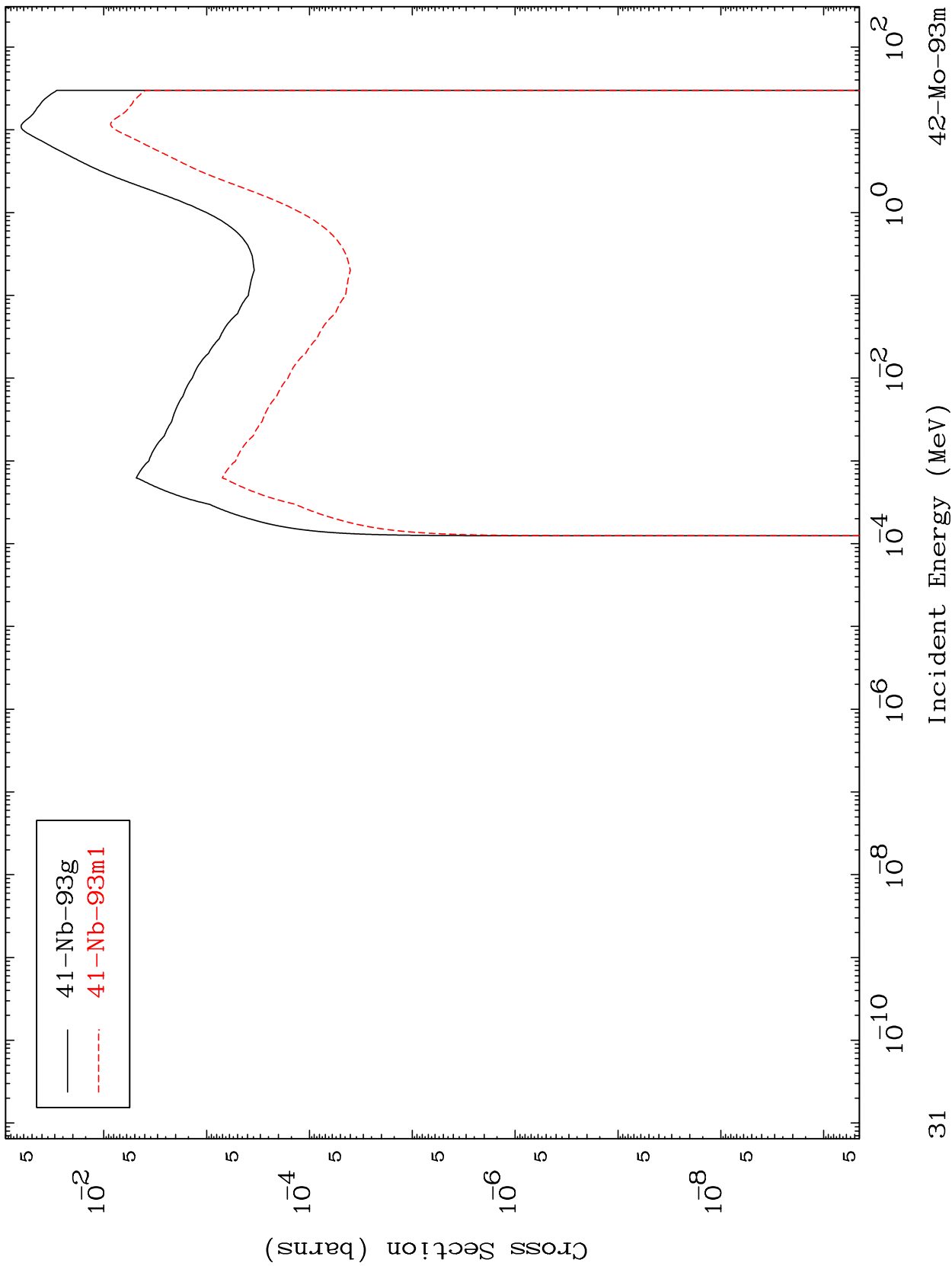
Radionuclide Production Cross Section



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42-Mo-93m

(n,p)  
Radionuclide Production Cross Section

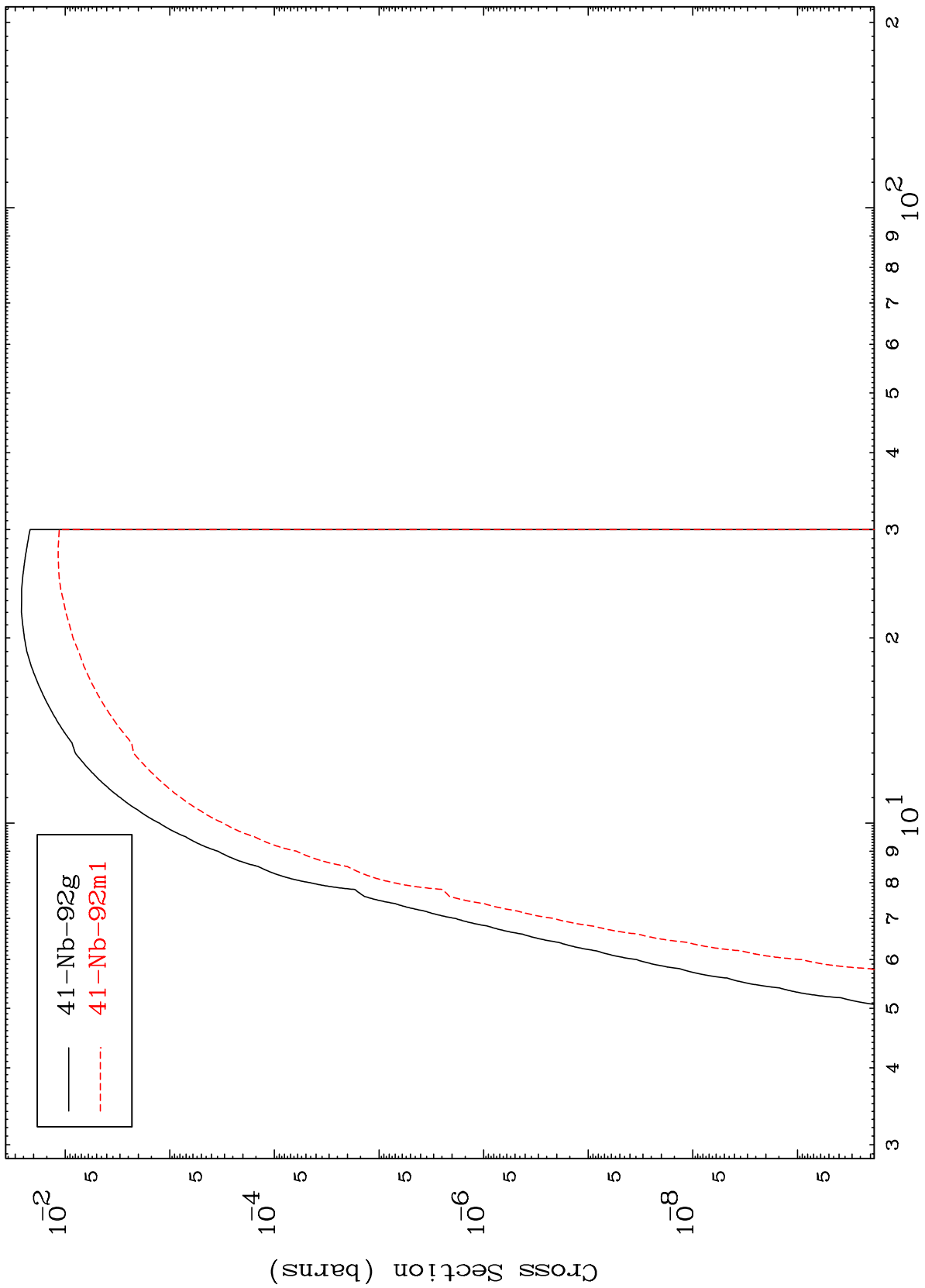




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42-Mo-93m

(n,d)  
Radionuclide Production Cross Section



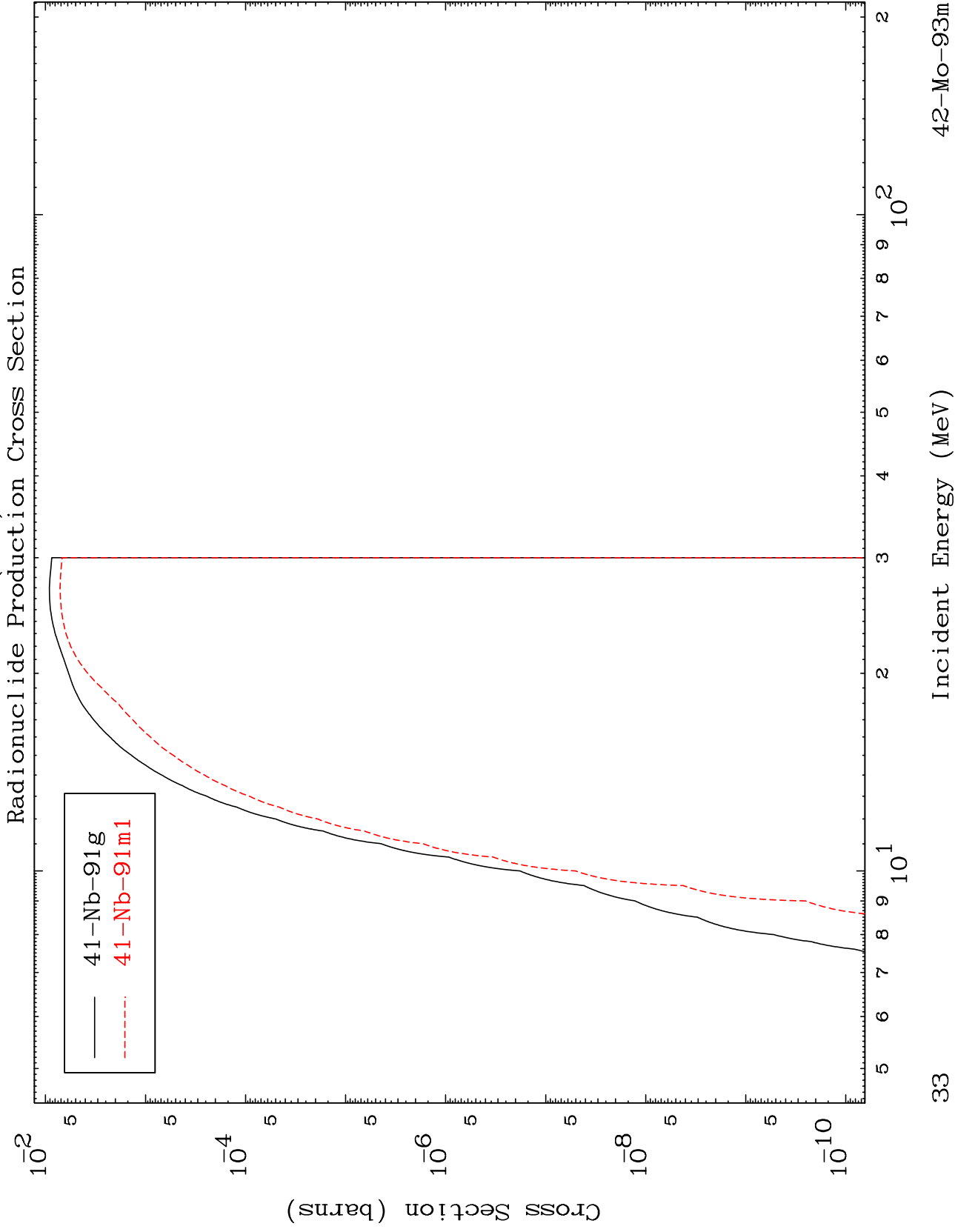
32

Incident Energy (MeV)

42-Mo-93m

MAT 4229

42-Mo-93m

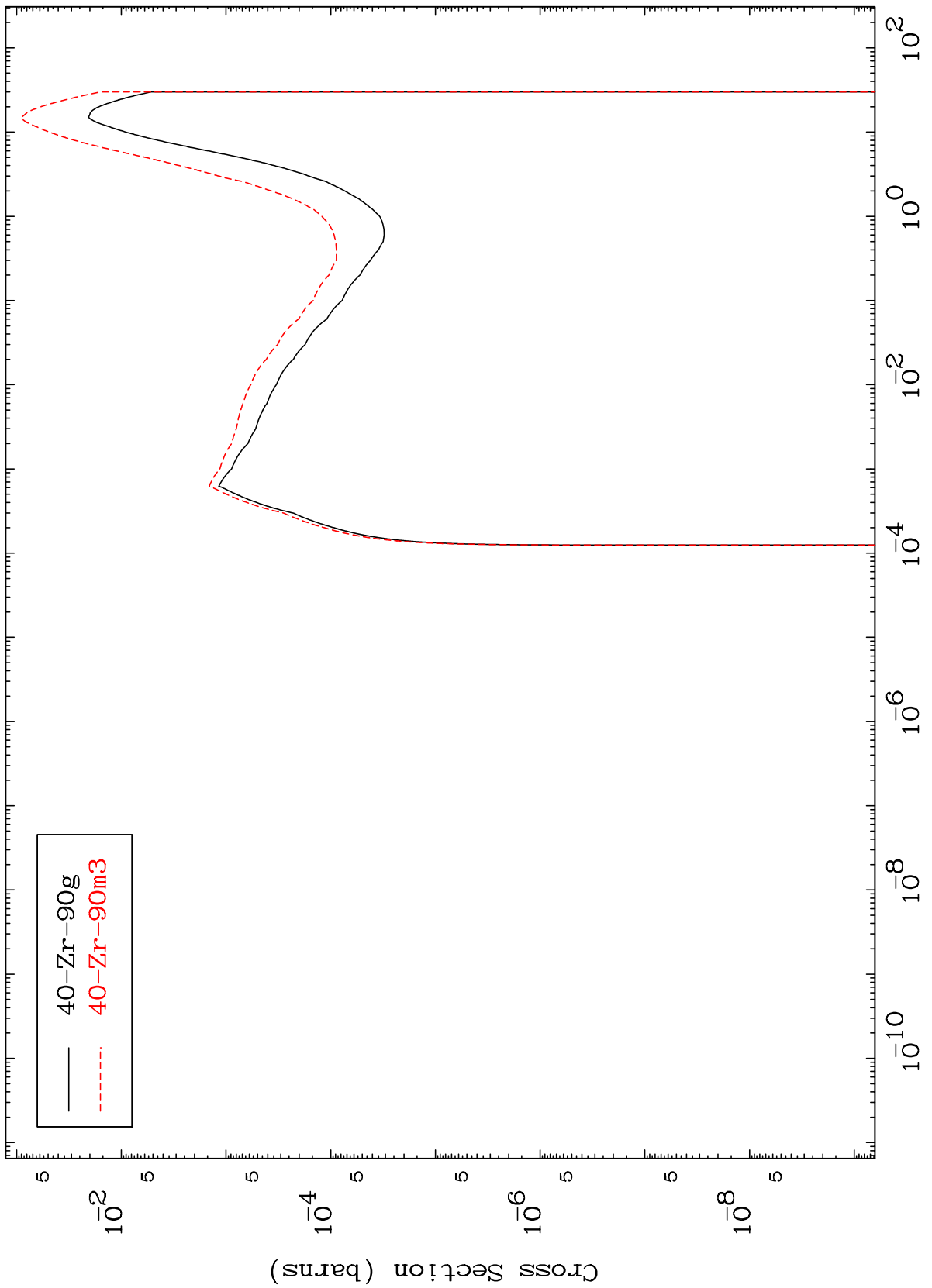


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42-Mo-93m

Radionuclide Production Cross Section



34

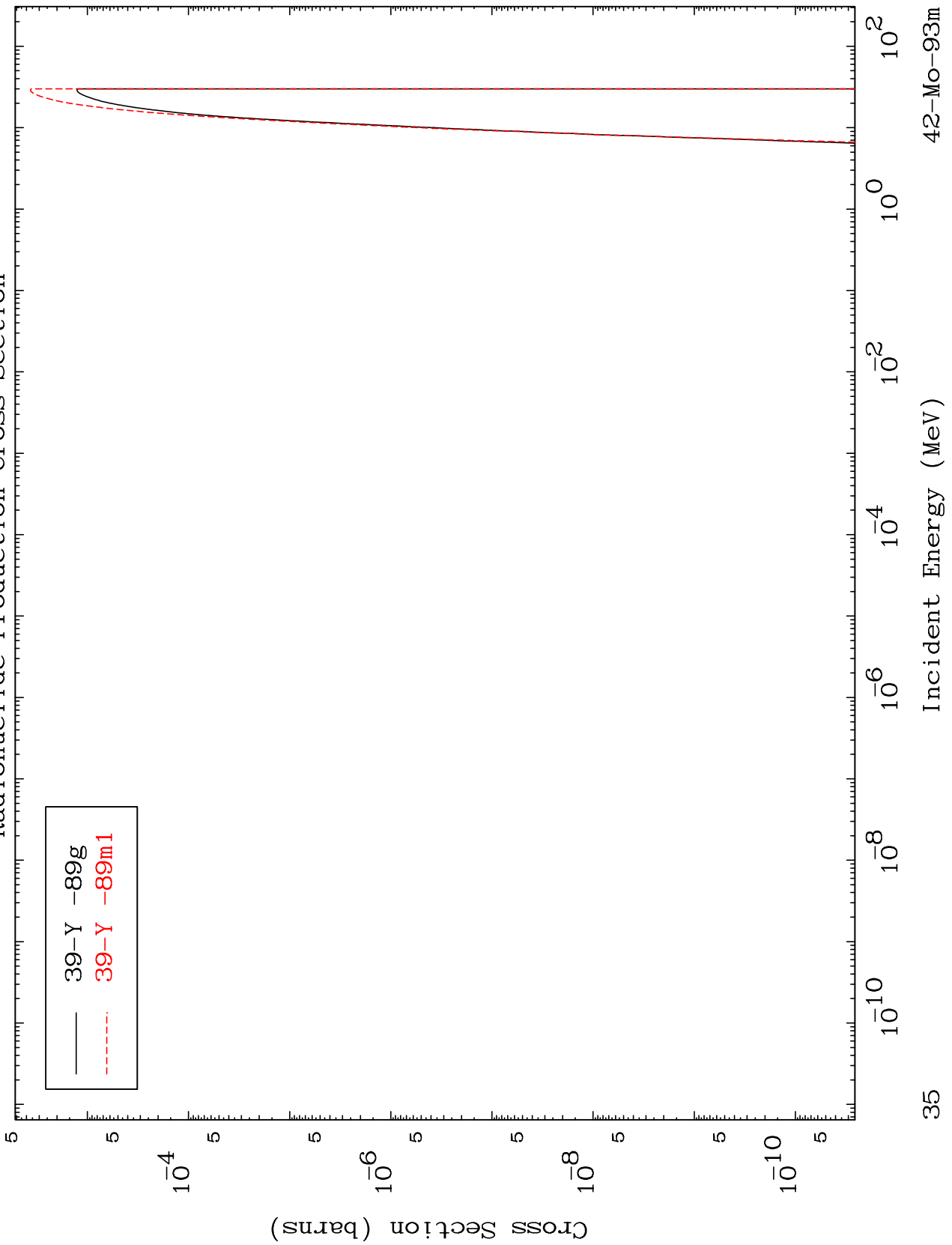
42-Mo-93m

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(n,p)  $\alpha$

42-Mo-93m

Radionuclide Production Cross Section

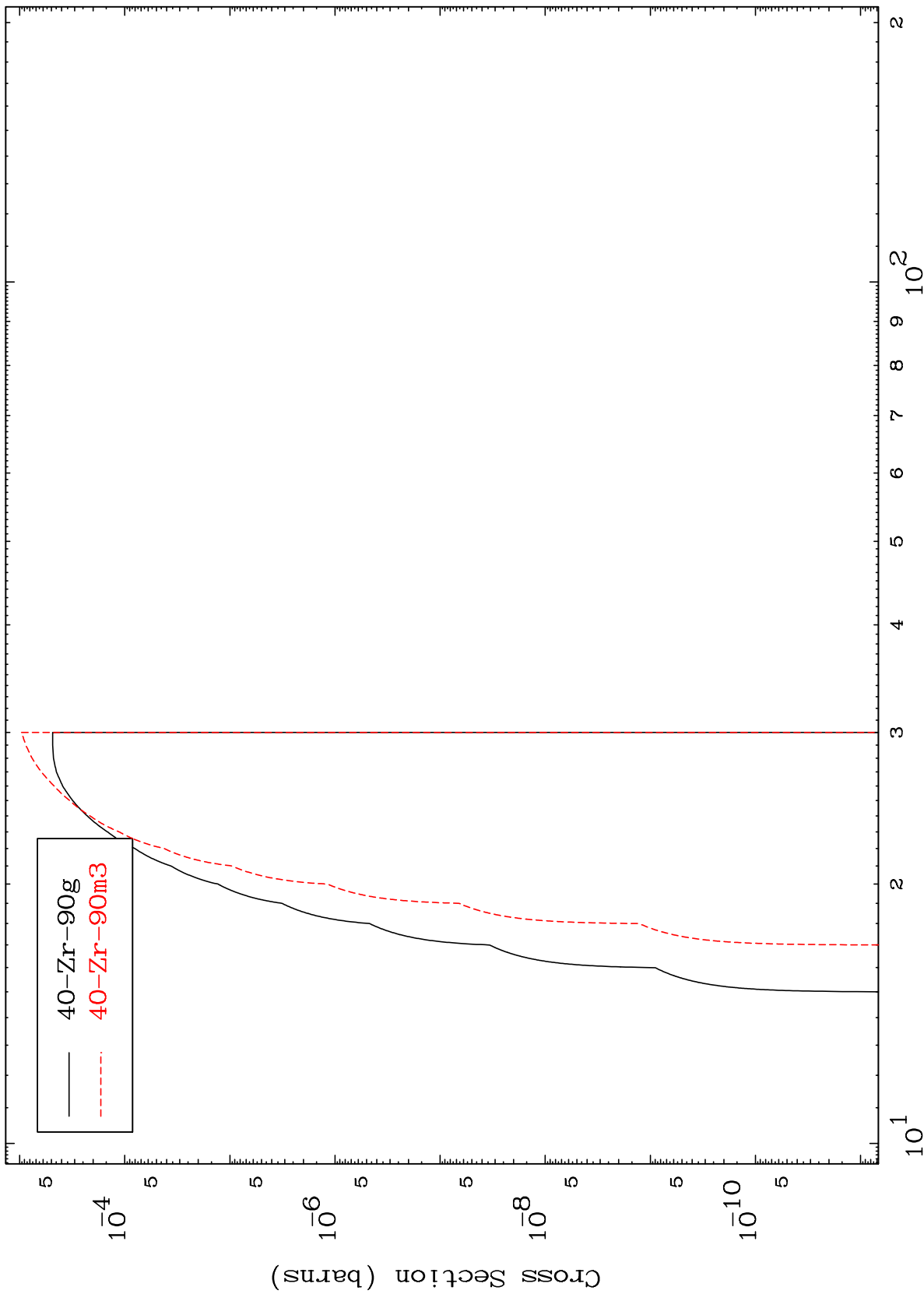


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(n,p) t

42-Mo-93m

Radionuclide Production Cross Section



36

Incident Energy (MeV)

42-Mo-93m