

Program EVALPLOT
(Version 2017-1)

by

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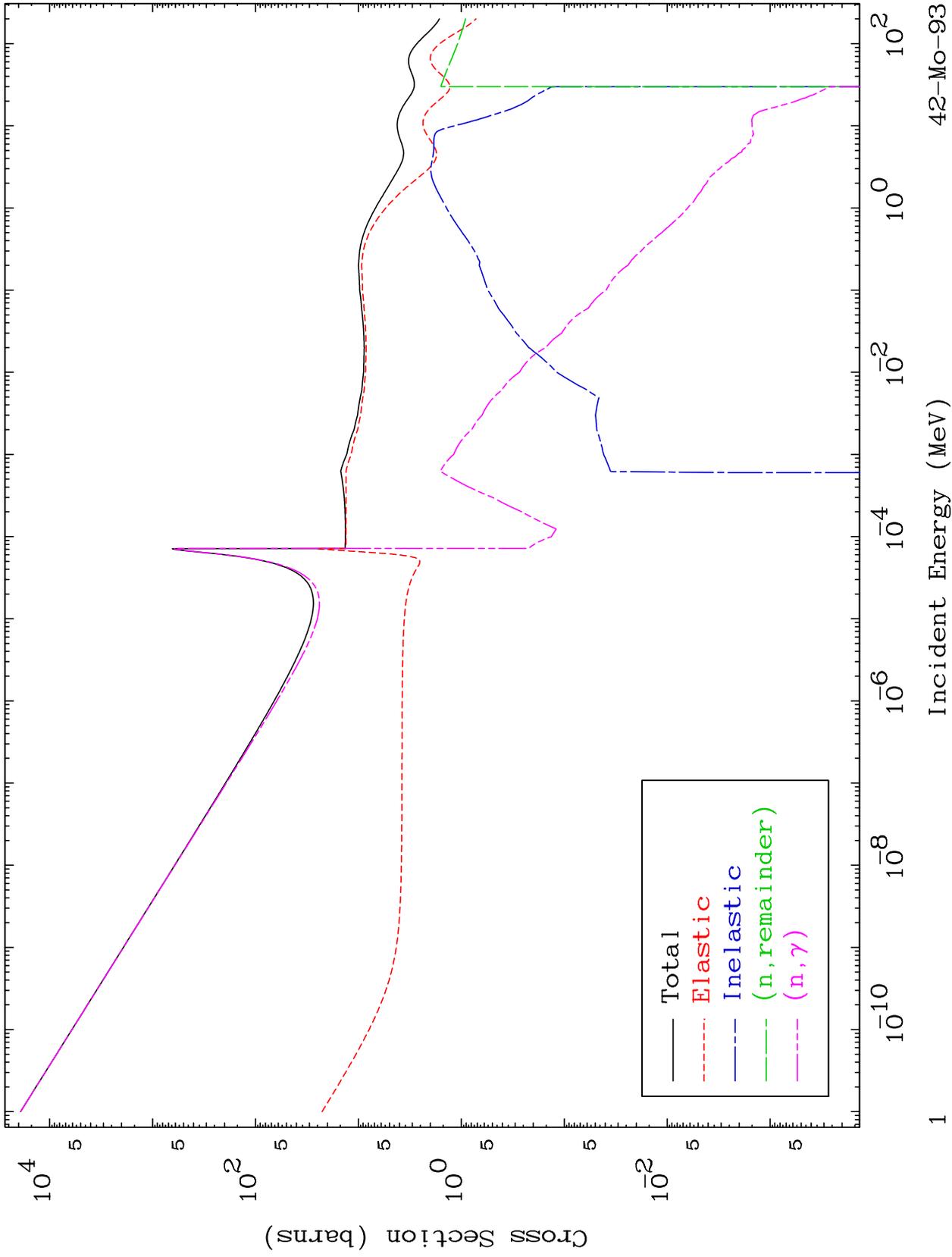
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Press Mouse Button to Start

MAT 4229

Major
293 Kelvin Cross Sections

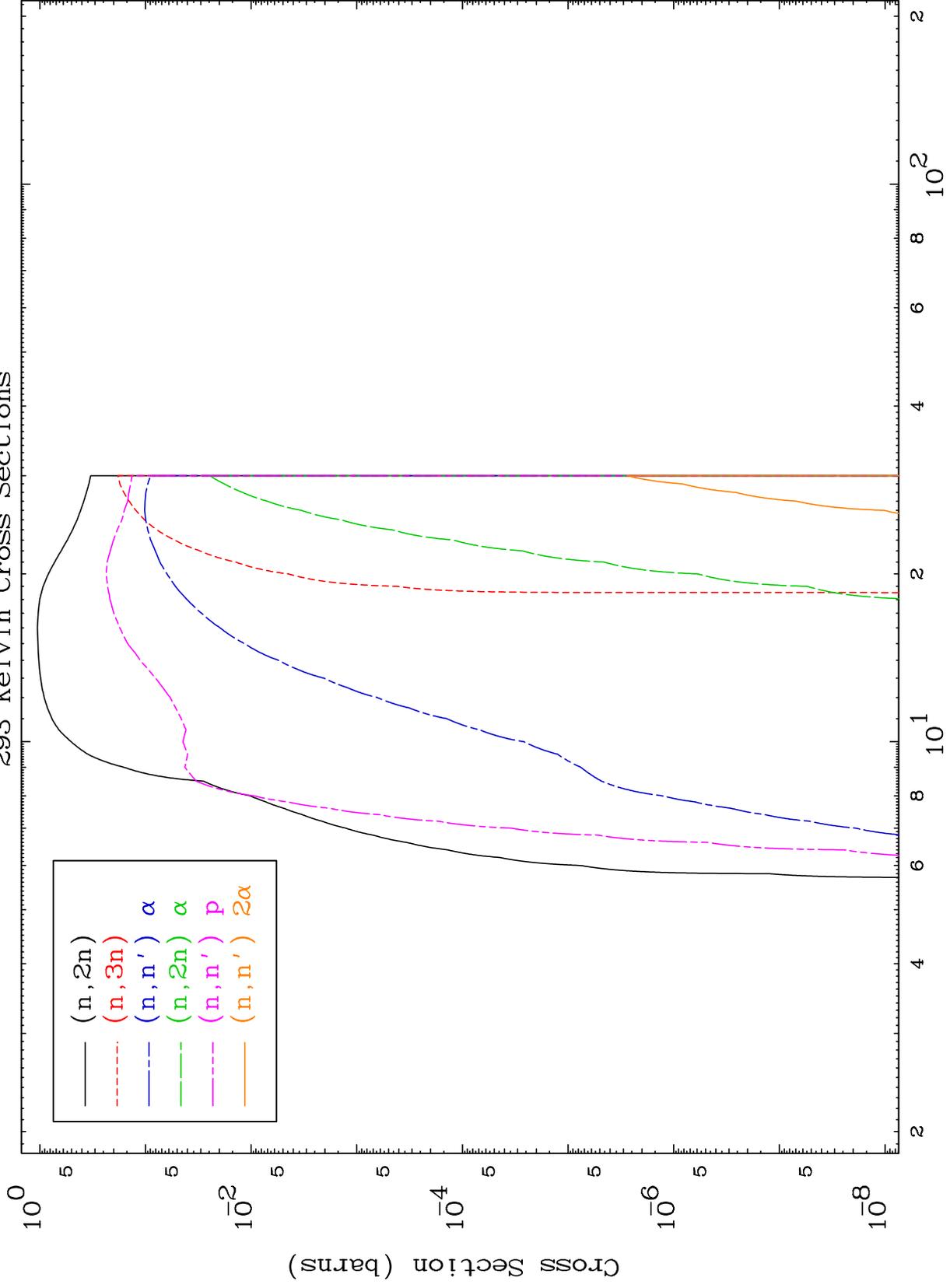
42-Mo-93



MAT 4229

Neutron Production
293 Kelvin Cross Sections

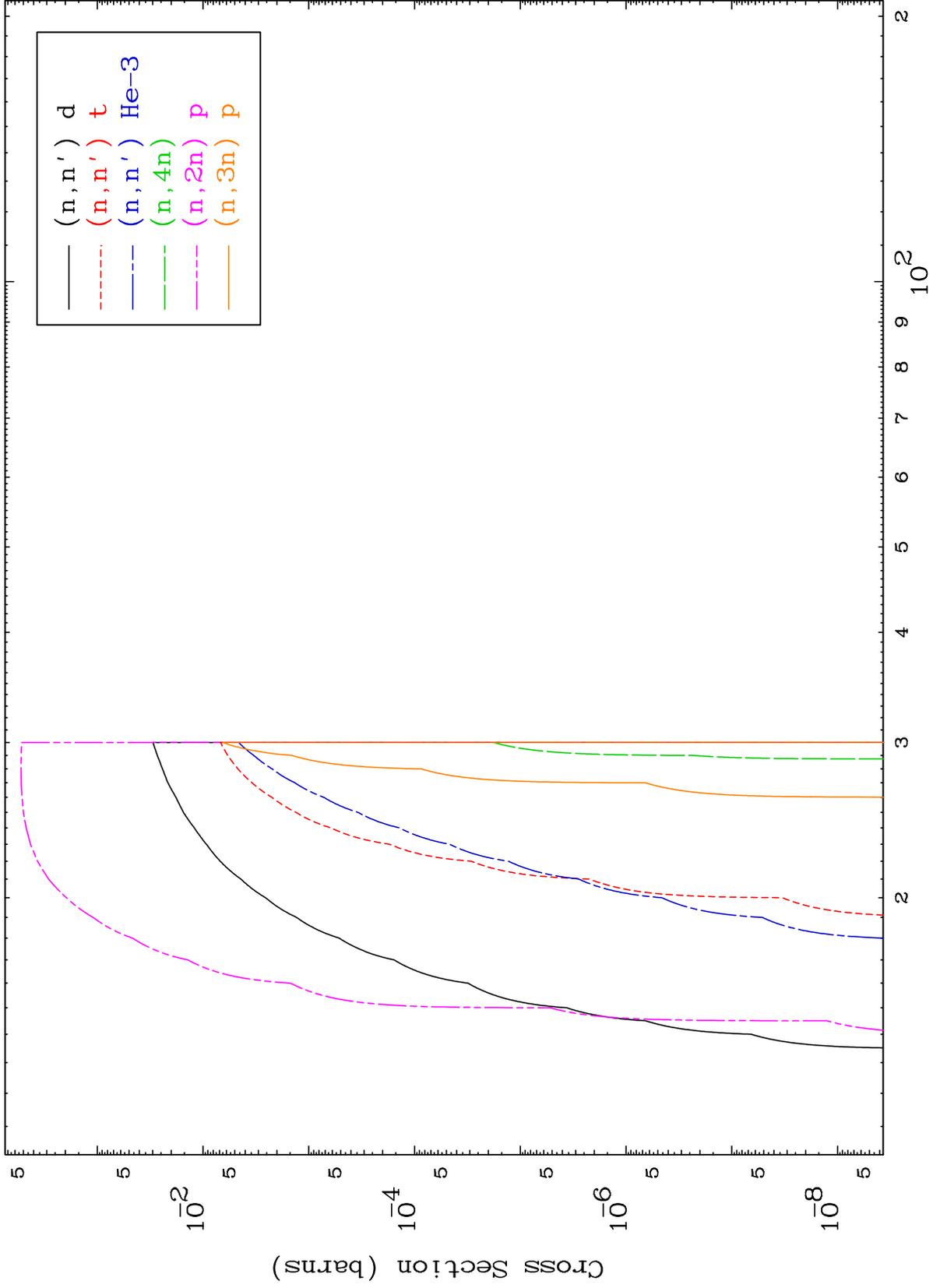
42-Mo-93



2

Incident Energy (MeV)

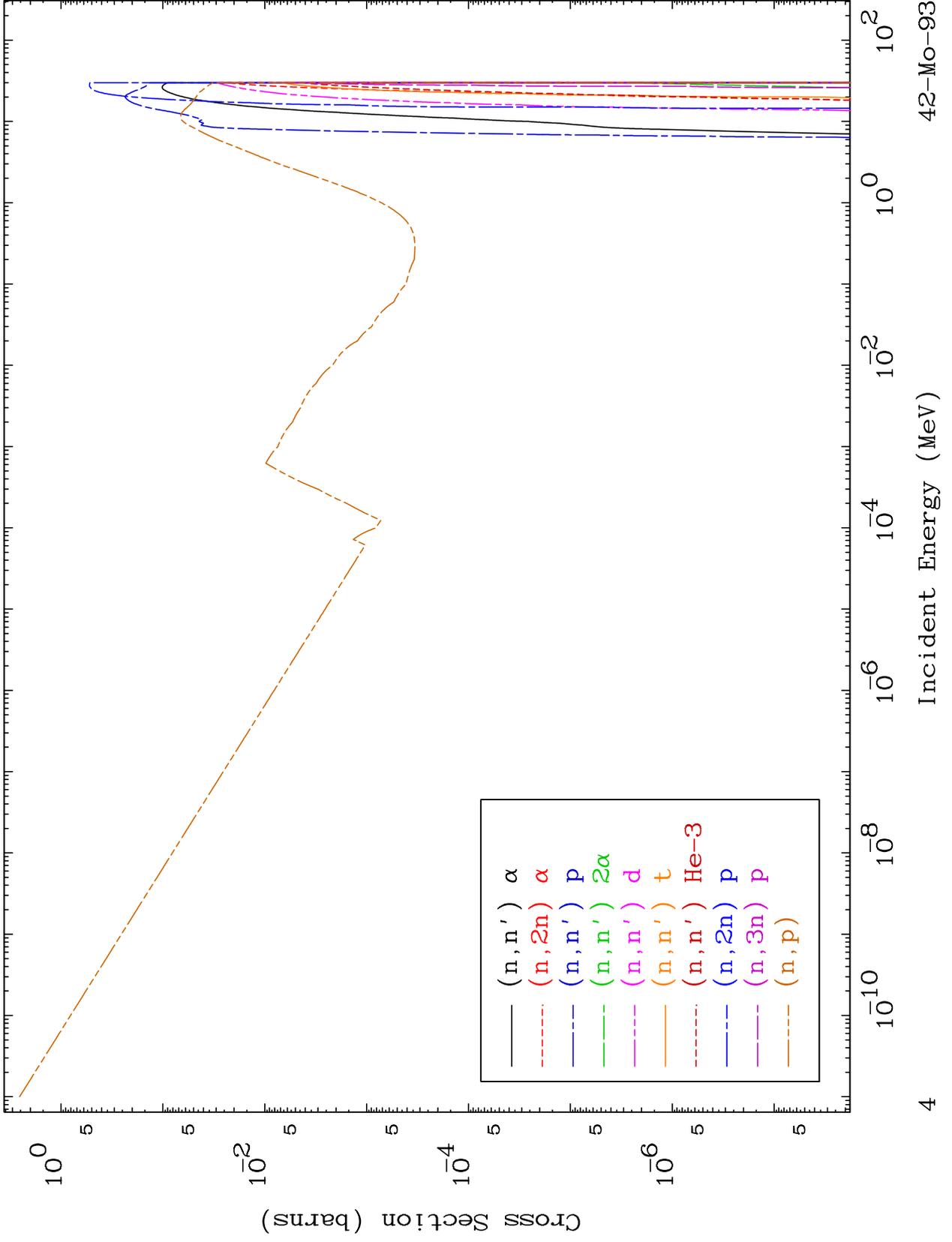
42-Mo-93



MAT 4229

Charged Particle
293 Kelvin Cross Sections

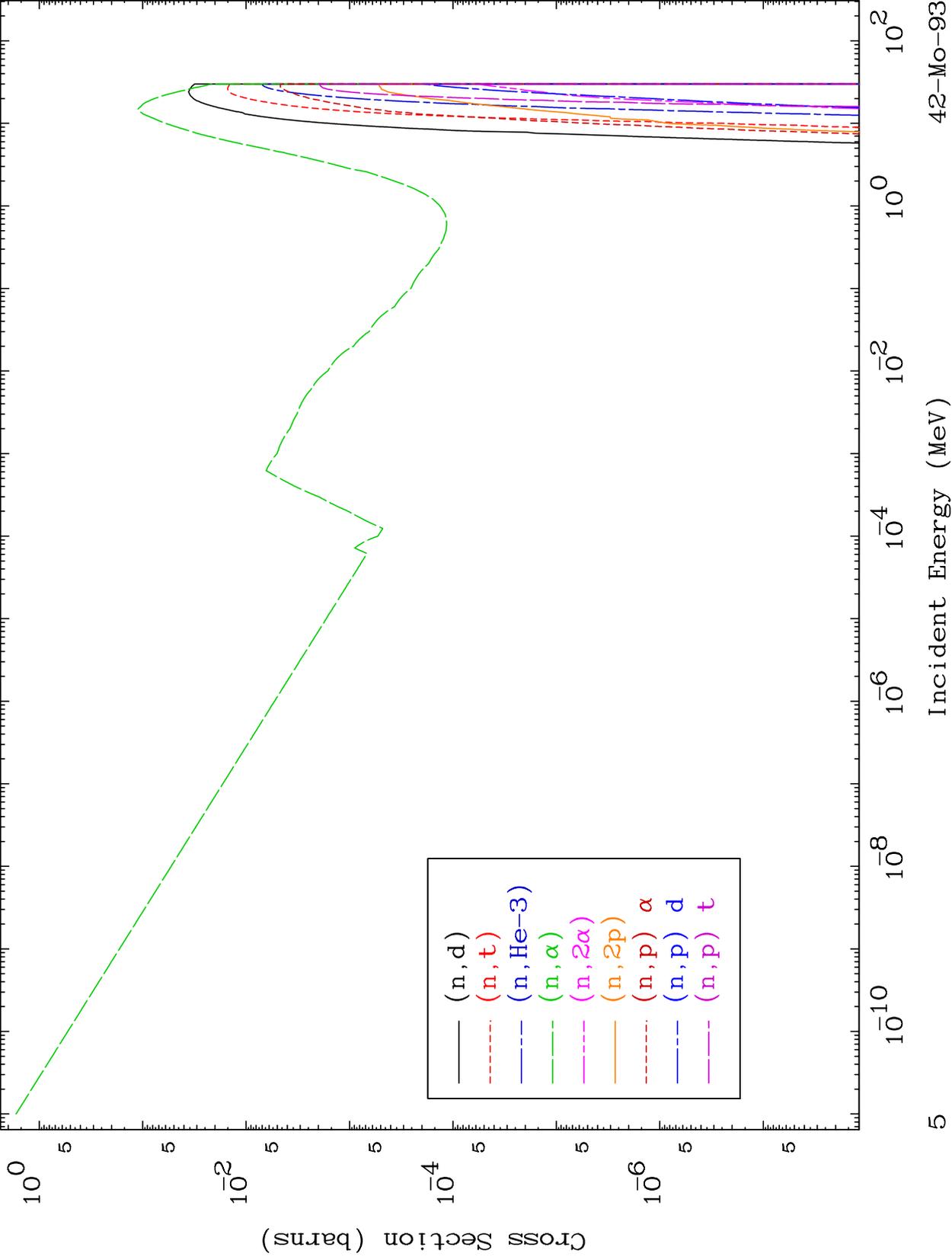
42-Mo-93



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Charged Particle
293 Kelvin Cross Sections

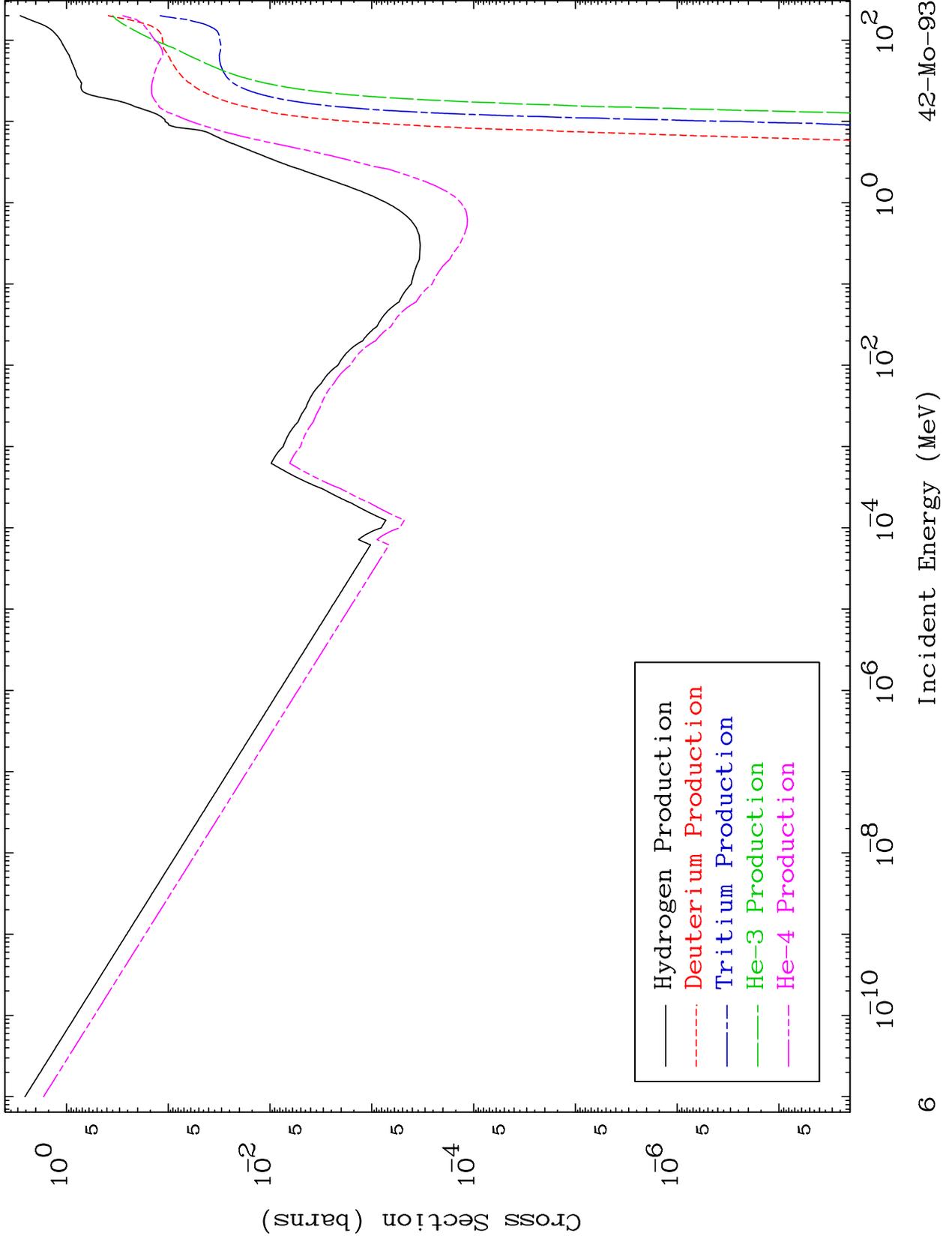
42-Mo-93

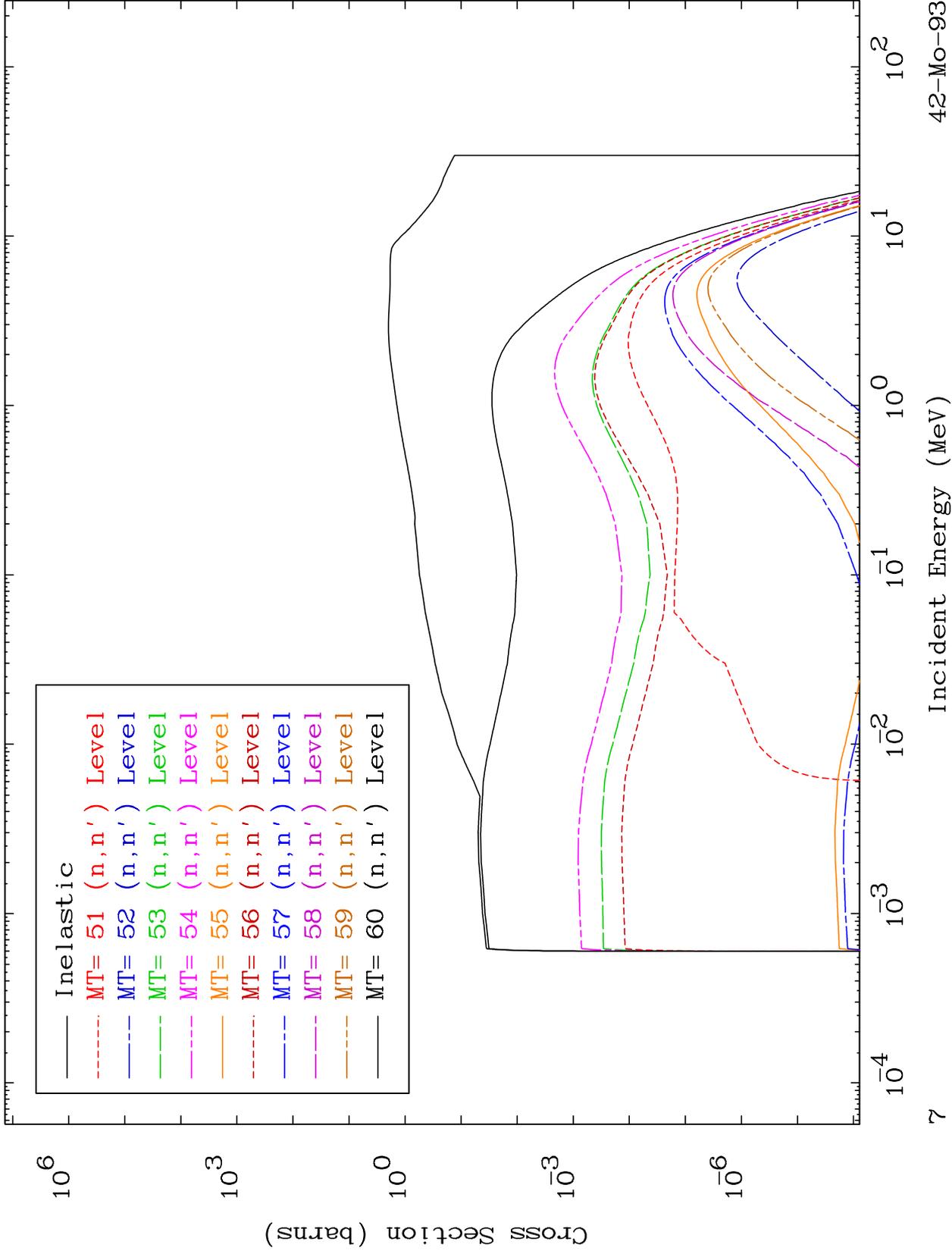


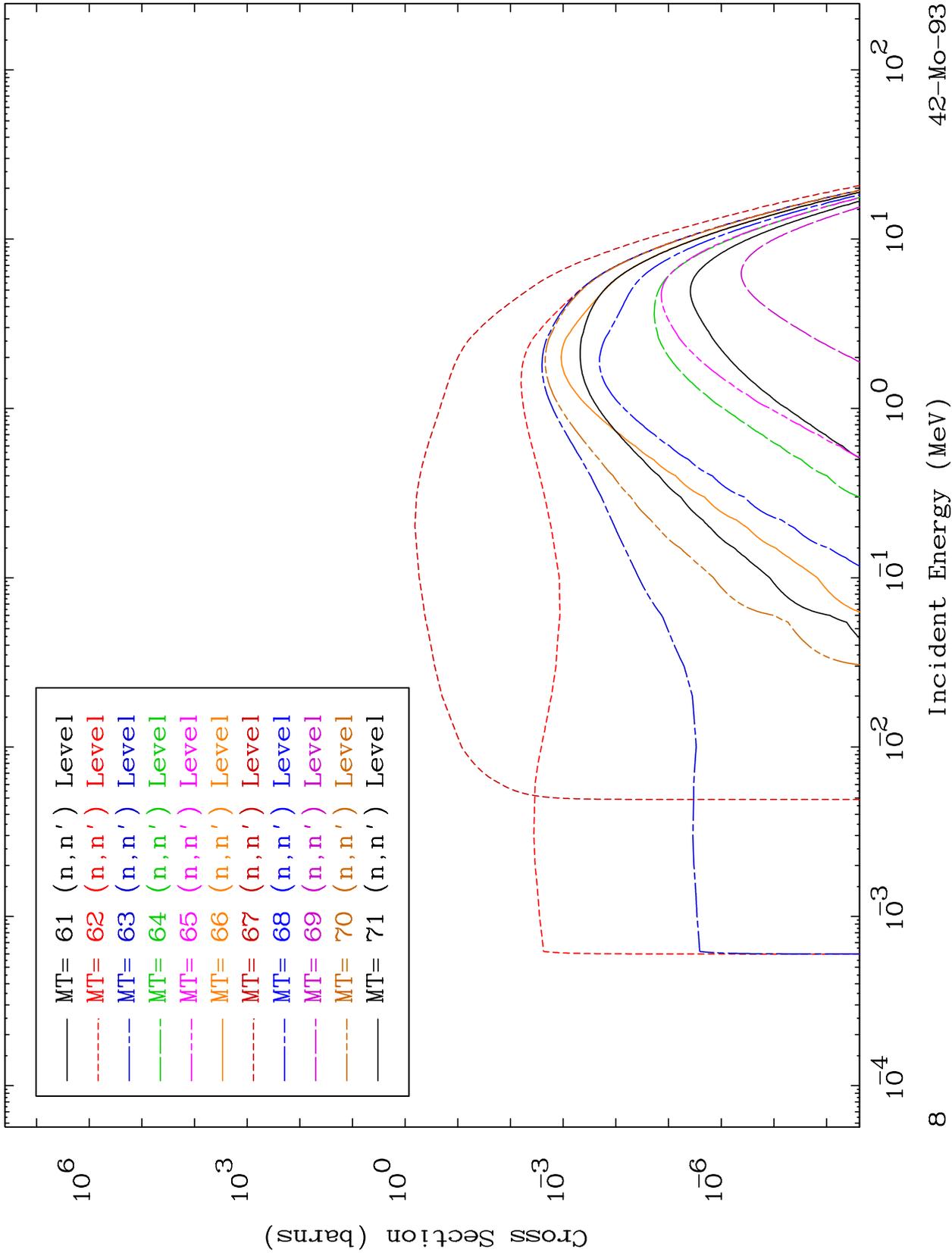
MAT 4229

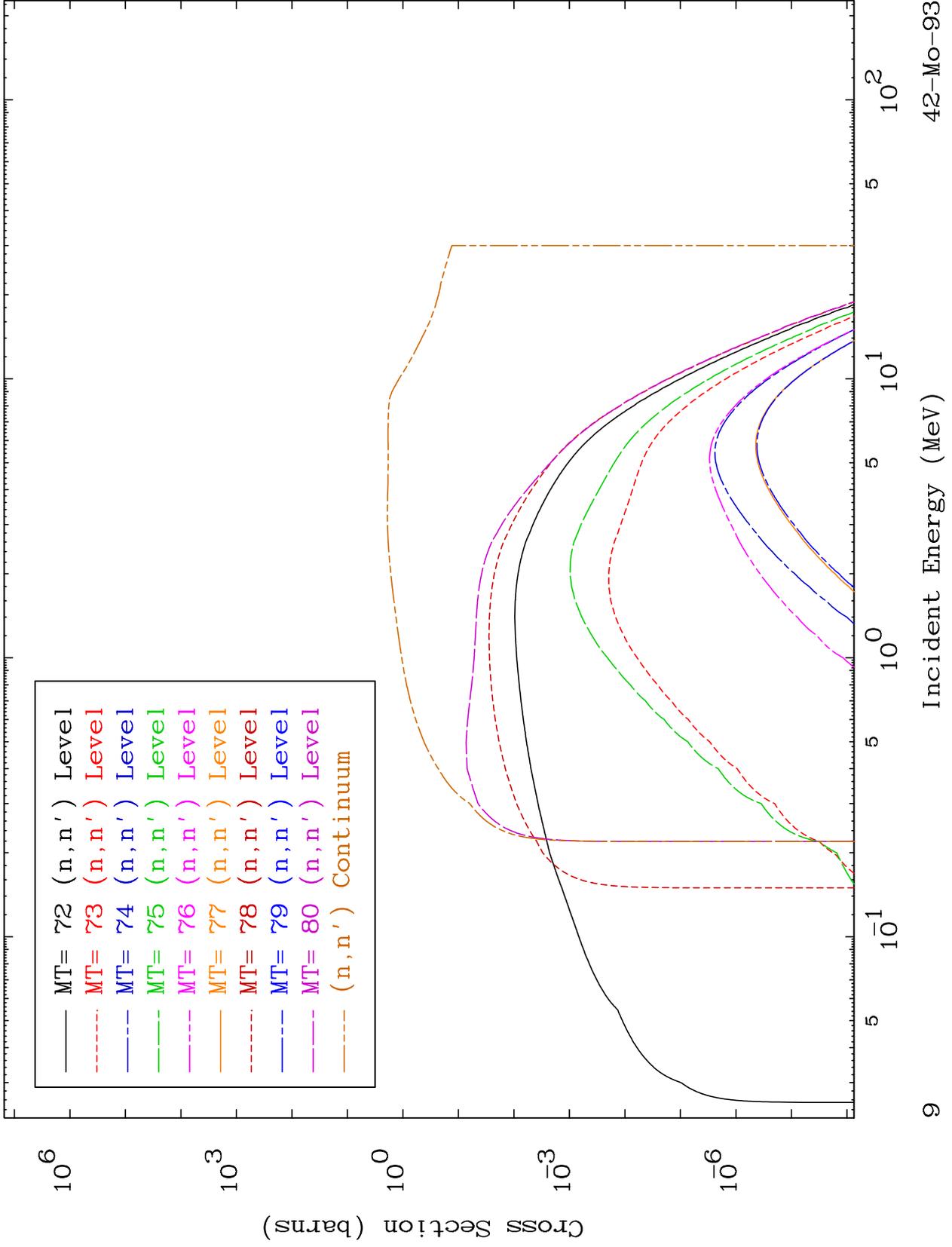
Particle Production
293 Kelvin Cross Sections

42-Mo-93





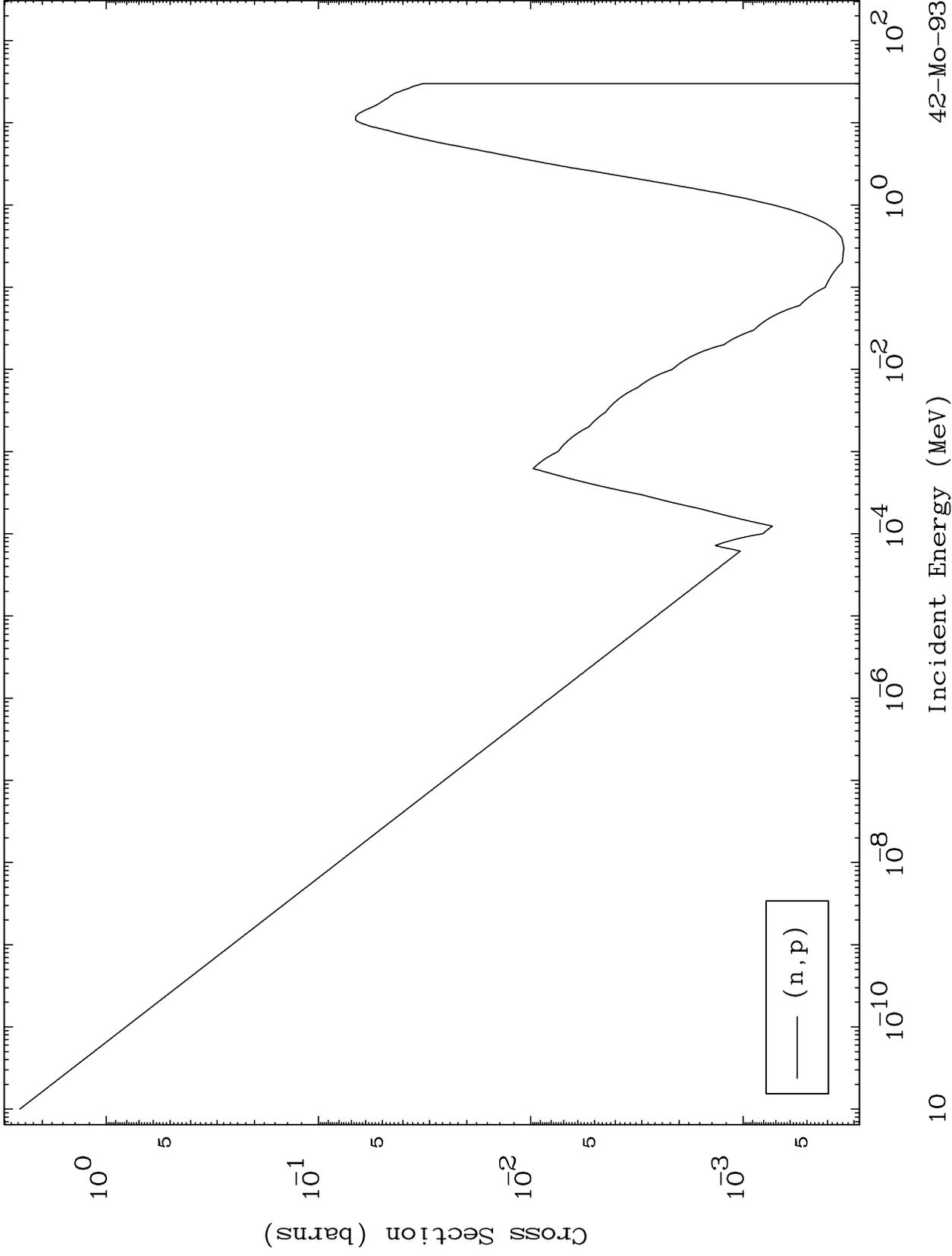




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(n,p) Levels
293 Kelvin Cross Sections

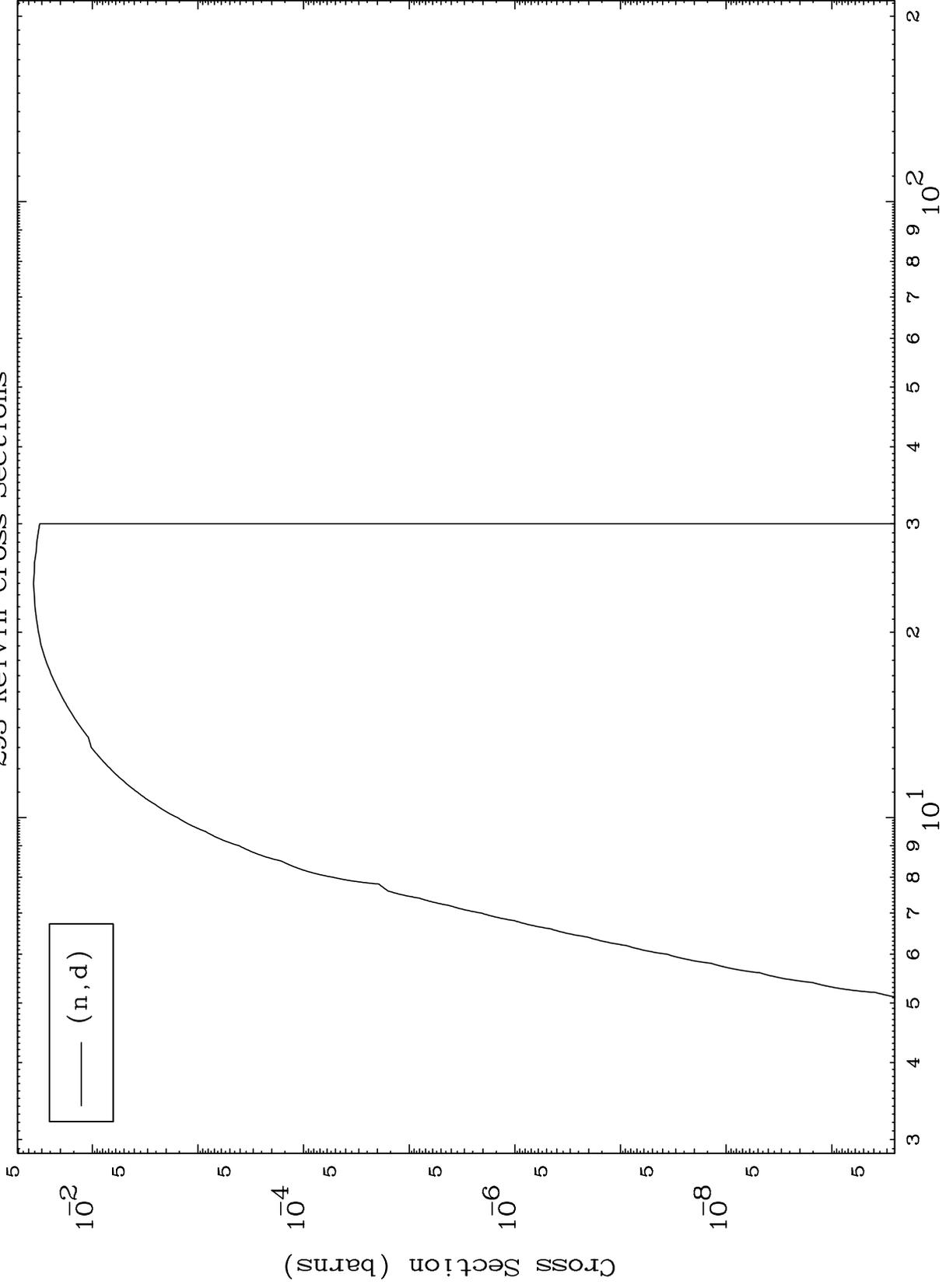
42-Mo-93



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(n,d) Levels
293 Kelvin Cross Sections

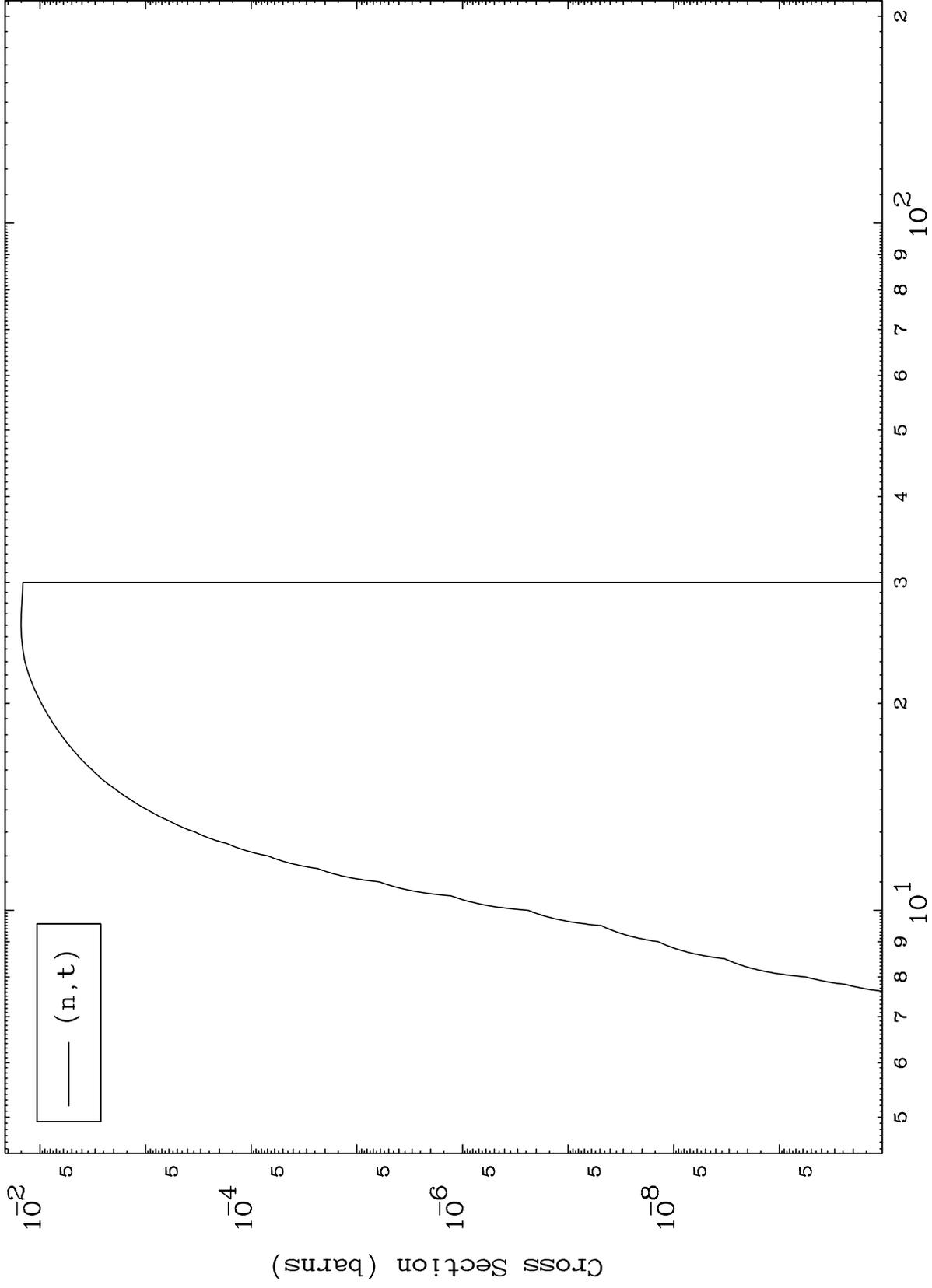
42-Mo-93



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(n,t) Levels
293 Kelvin Cross Sections

42-Mo-93

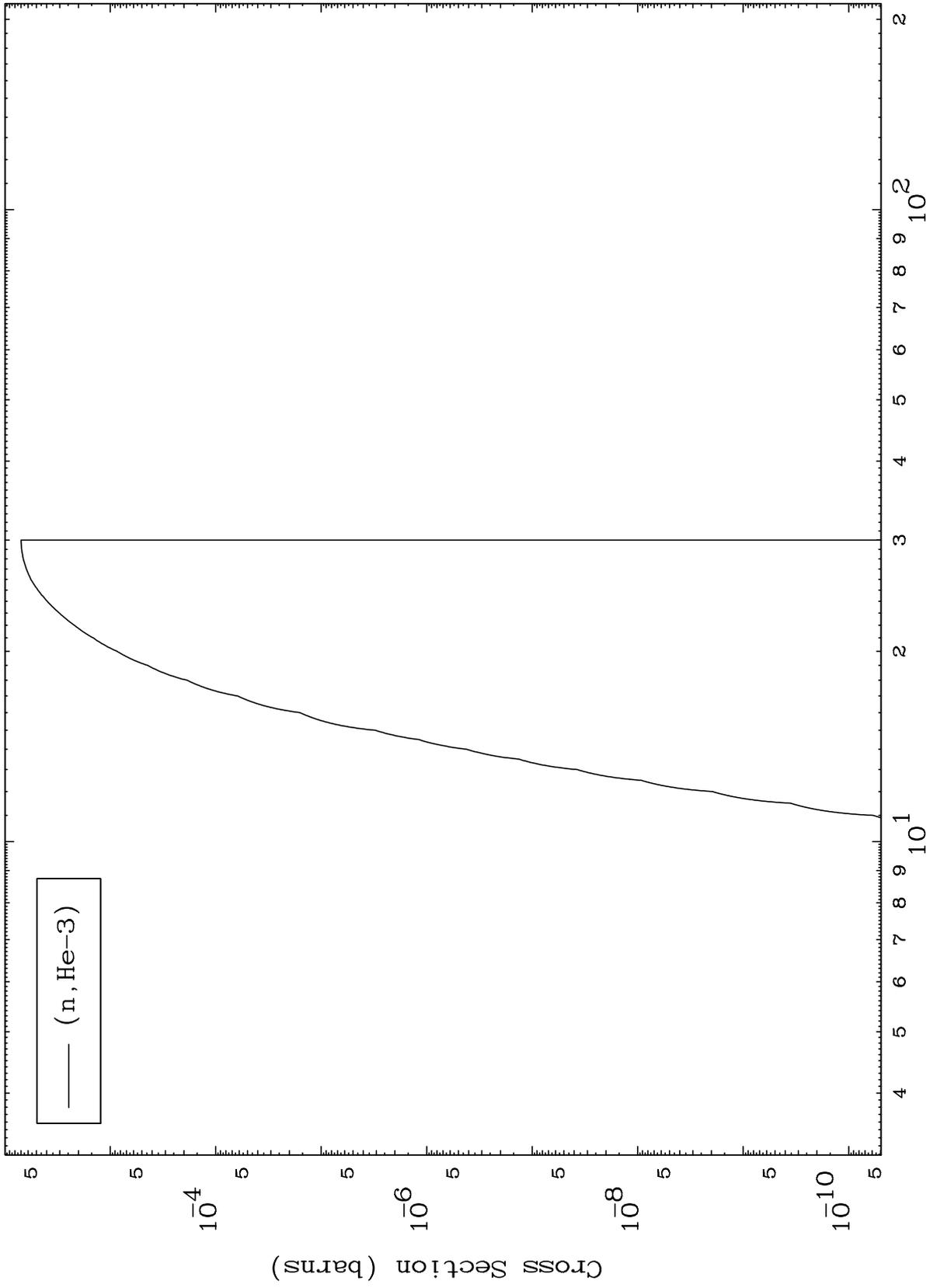


(n,t)

12

Incident Energy (MeV)

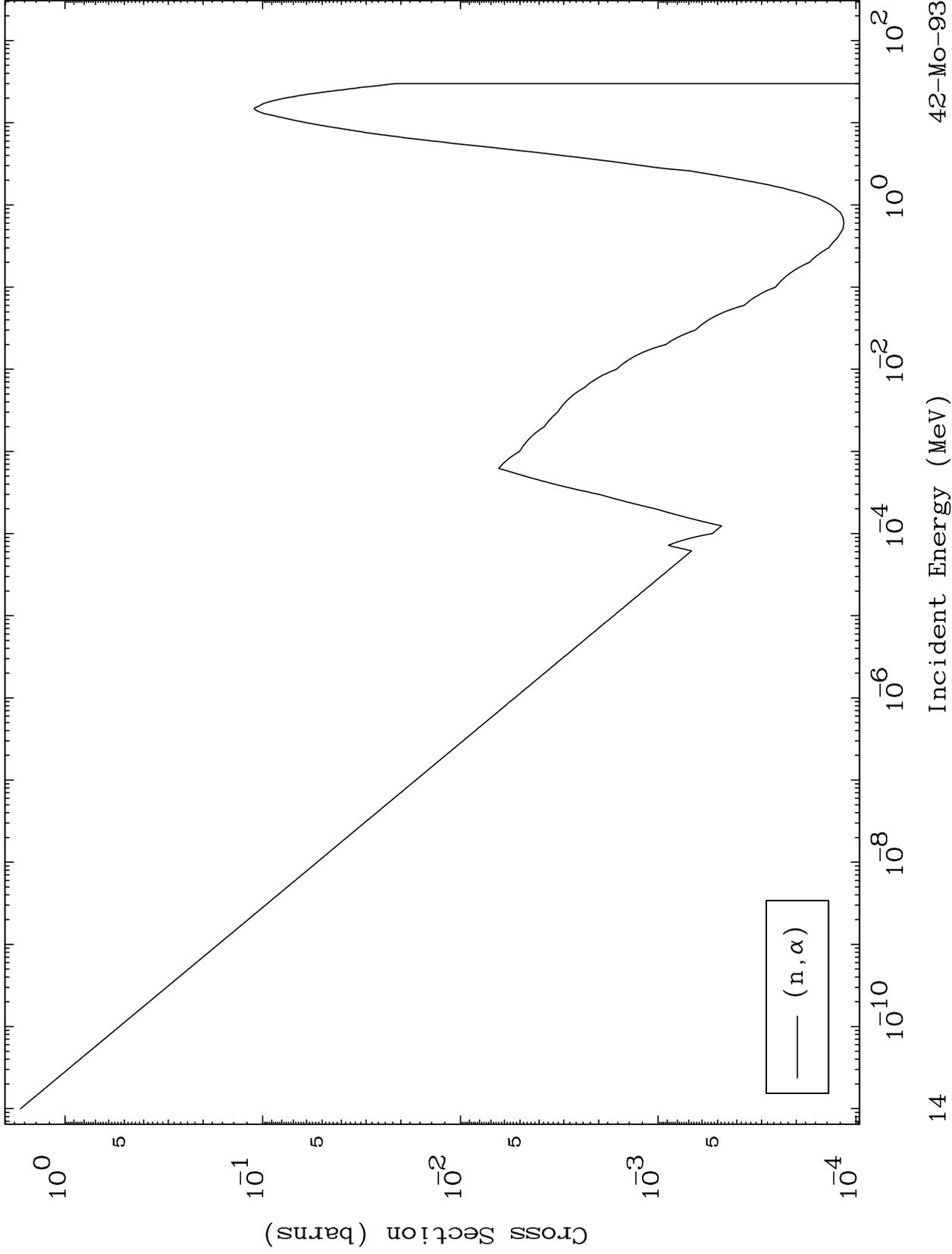
42-Mo-93

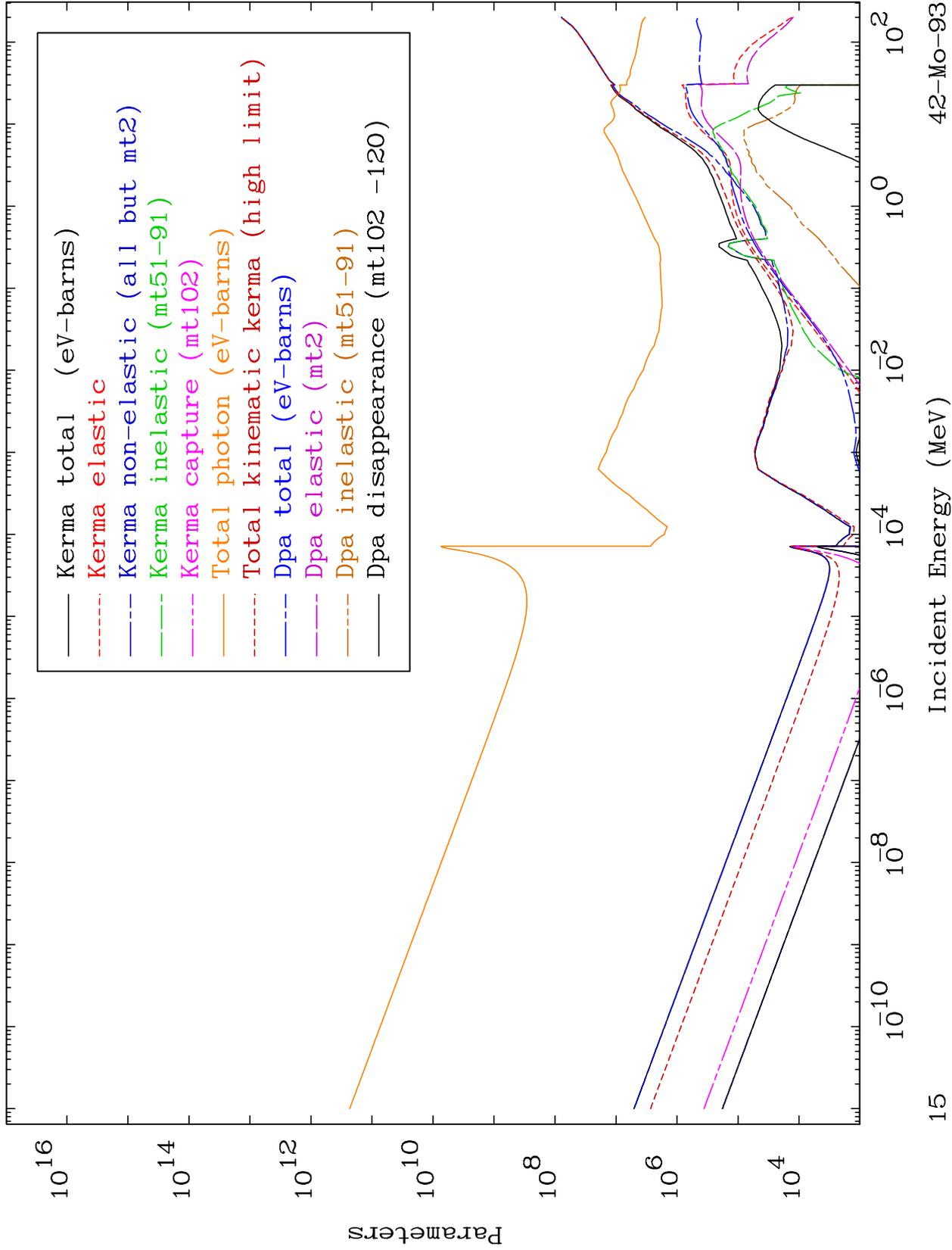


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(n,α) Levels
293 Kelvin Cross Sections

42-Mo-93





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Elastic Legendre Coefficients

42-Mo-93



16

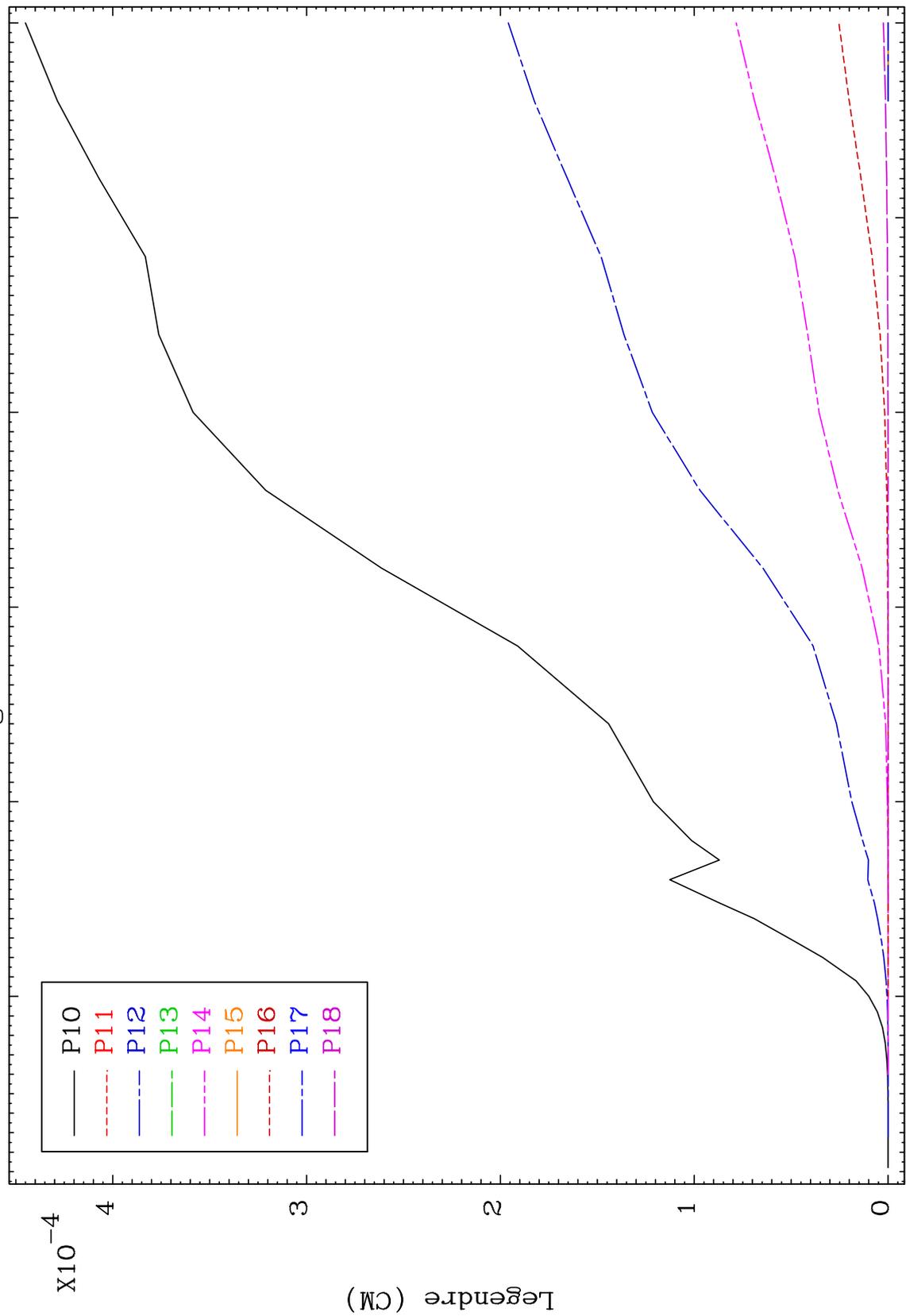
Incident Energy (MeV)

42-Mo-93

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Elastic Legendre Coefficients

42-Mo-93



17

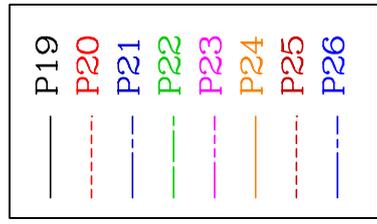
Incident Energy (MeV)

42-Mo-93

MAT 4229

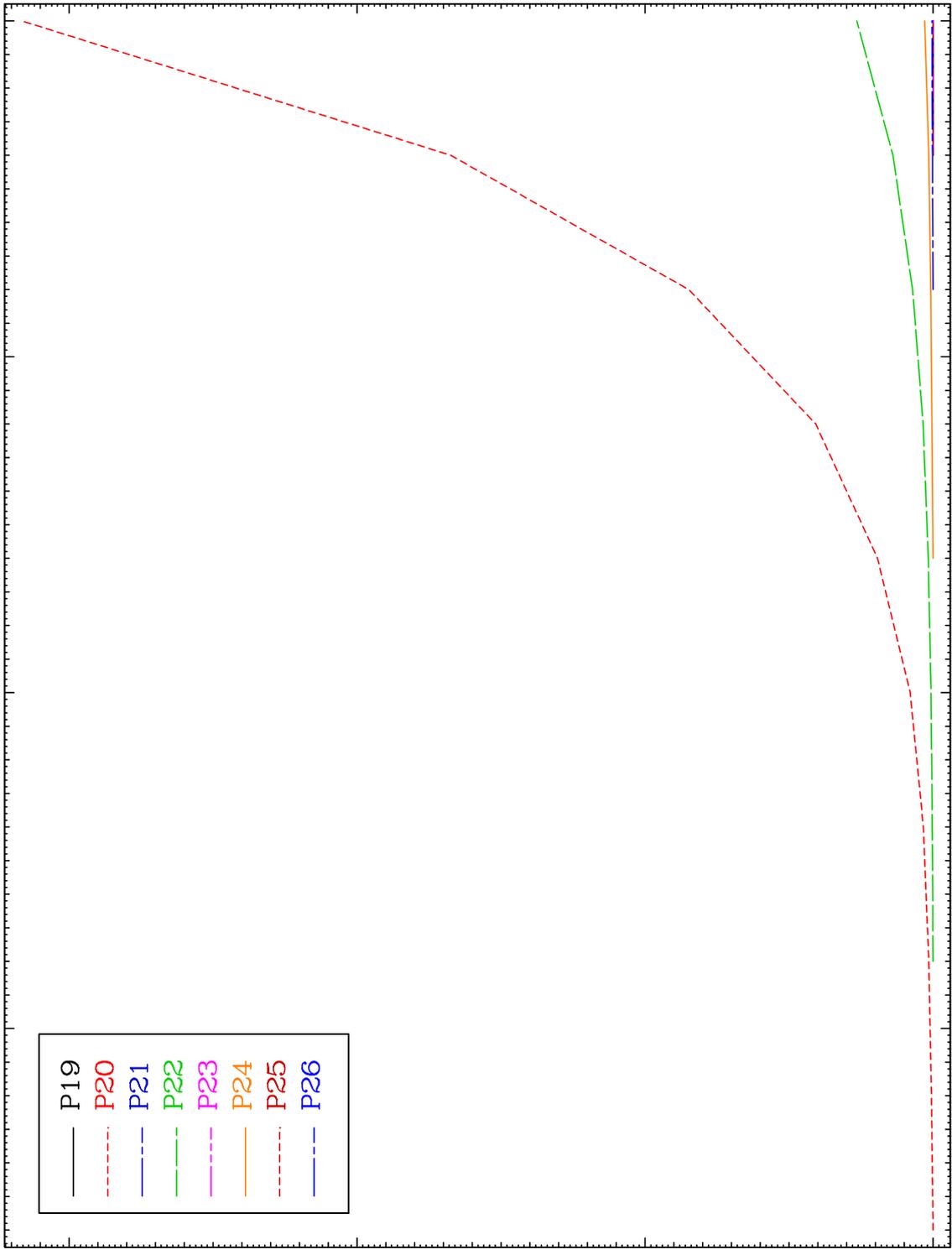
Elastic
Legendre Coefficients

42-Mo-93



Legendre (CM)
X10⁻⁷
1.5
1.0
0.5
0.0

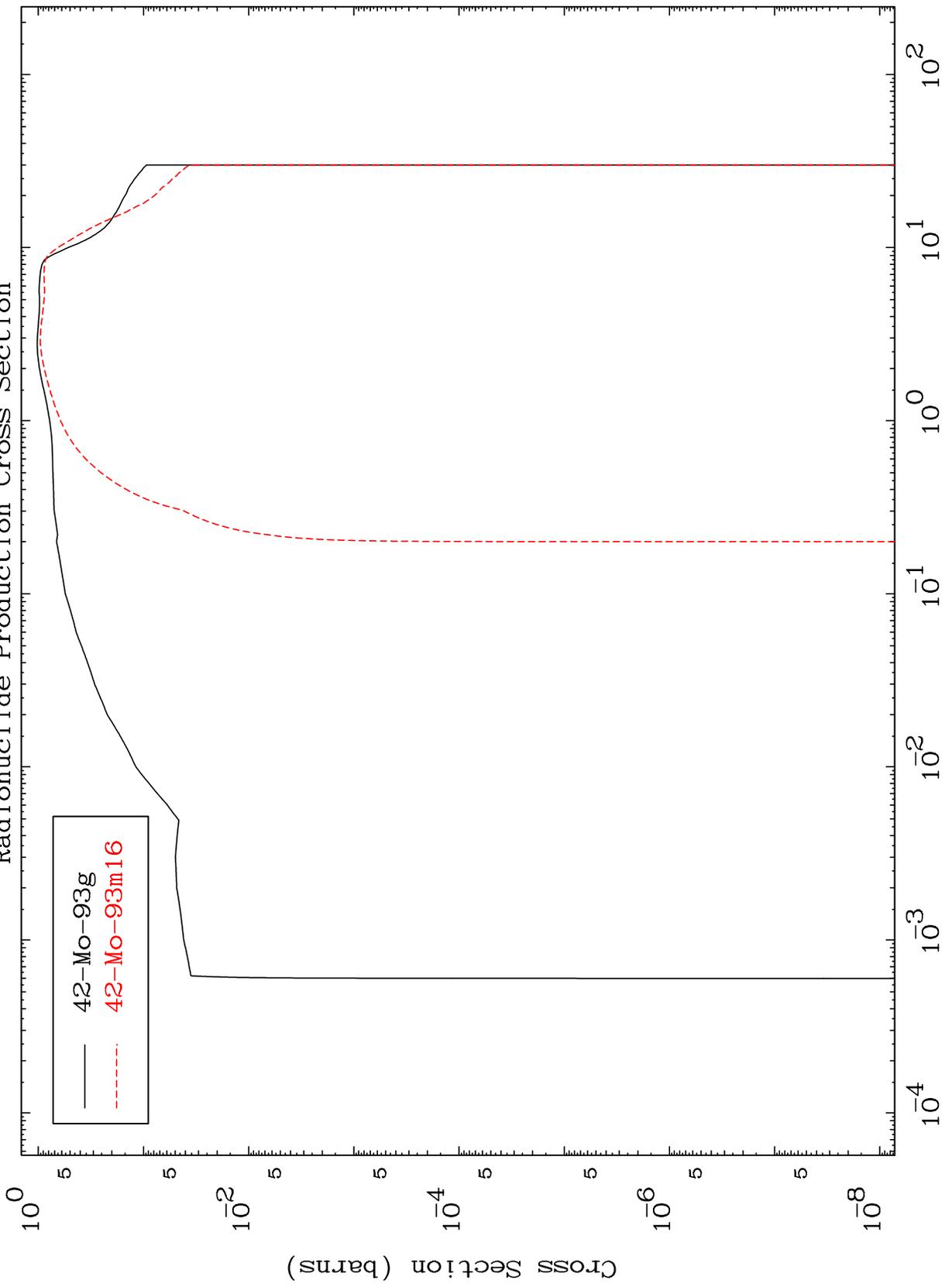
18 15 20 25 30
Incident Energy (MeV)
42-Mo-93



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42-Mo-93

Inelastic
Radionuclide Production Cross Section



19

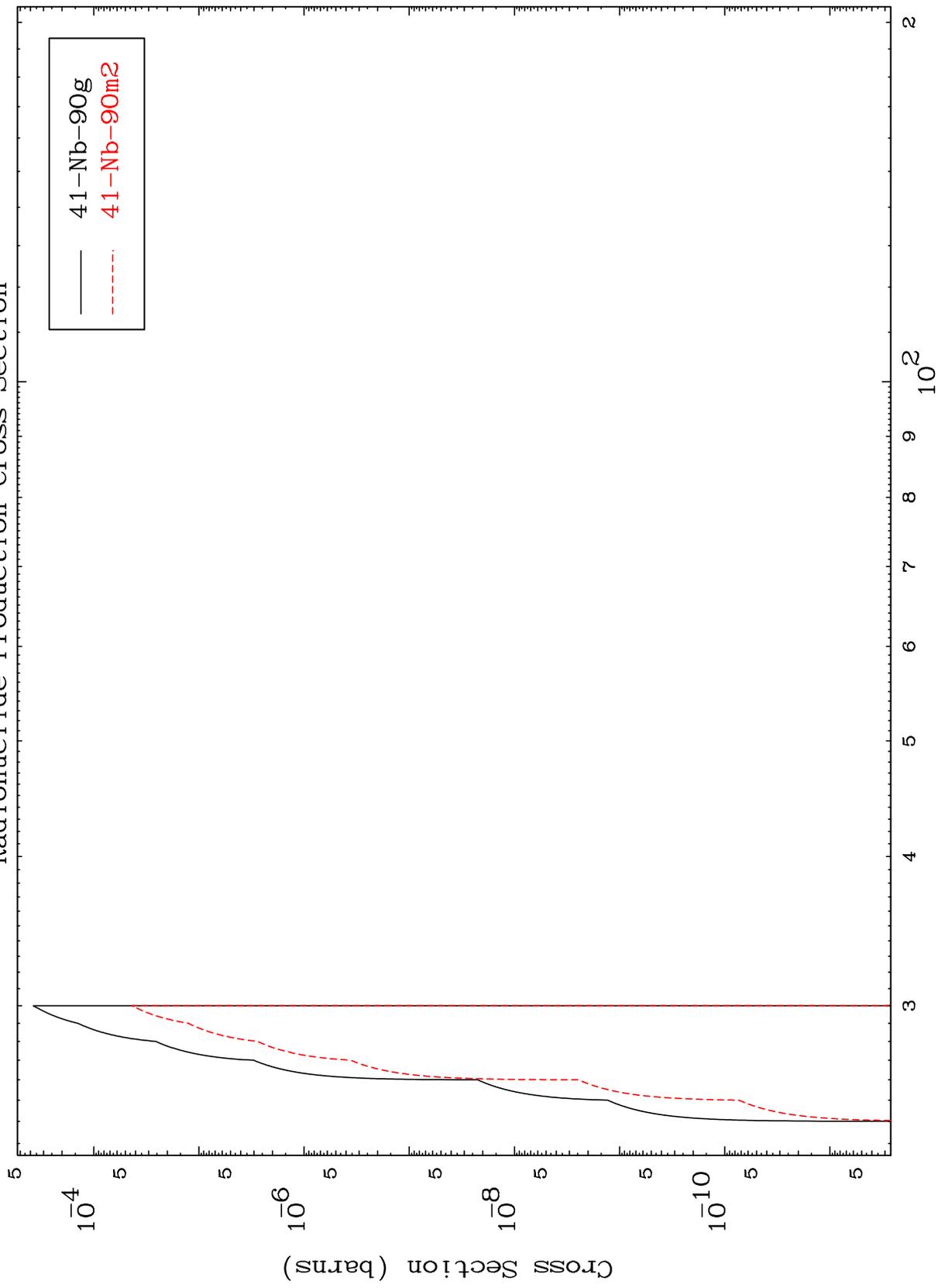
42-Mo-93

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(n,2n) d

42-Mo-93

Radionuclide Production Cross Section



20

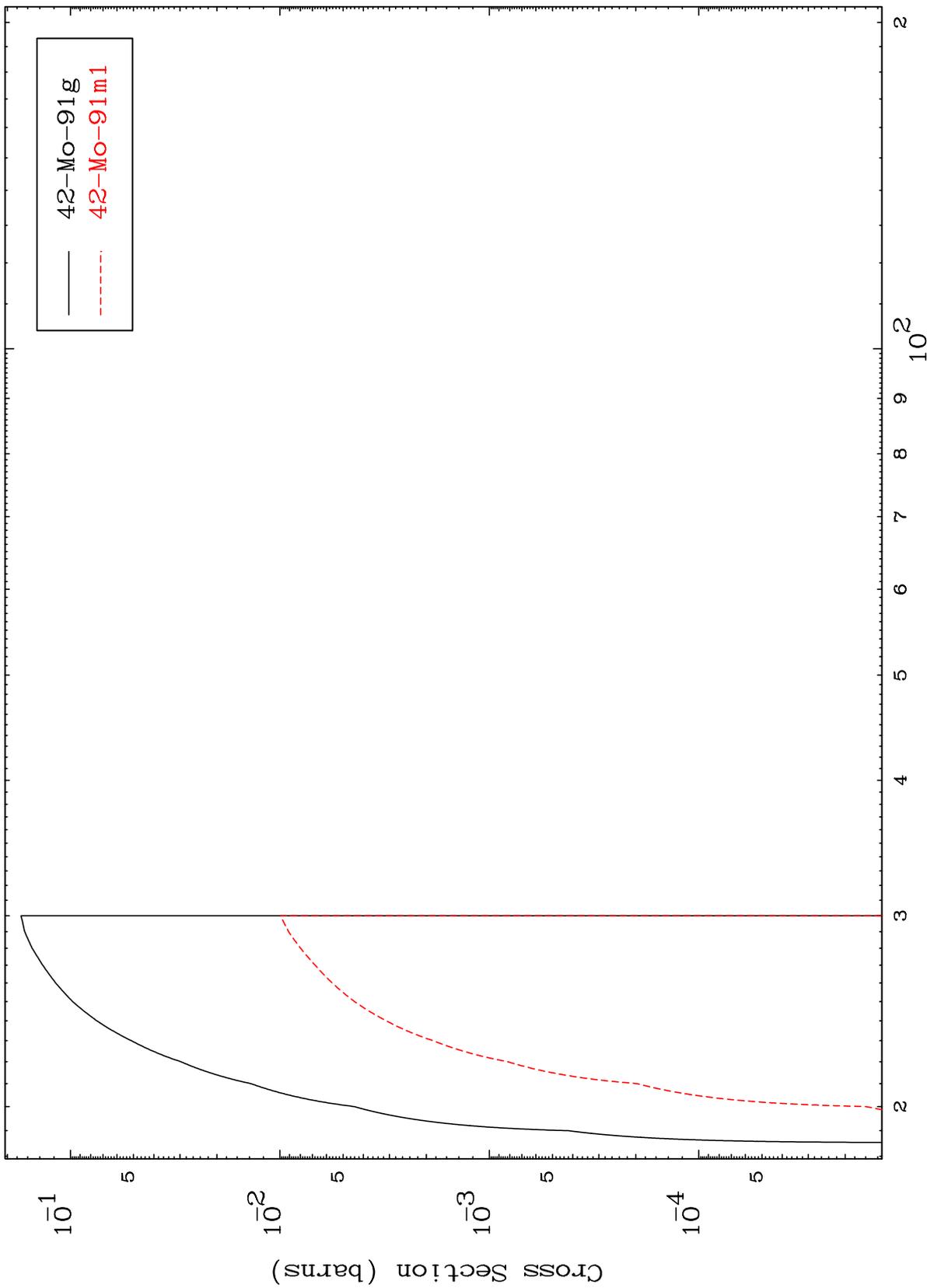
Incident Energy (MeV)

42-Mo-93

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42-Mo-93

(n,3n)
Radionuclide Production Cross Section



42-Mo-93

Incident Energy (MeV)

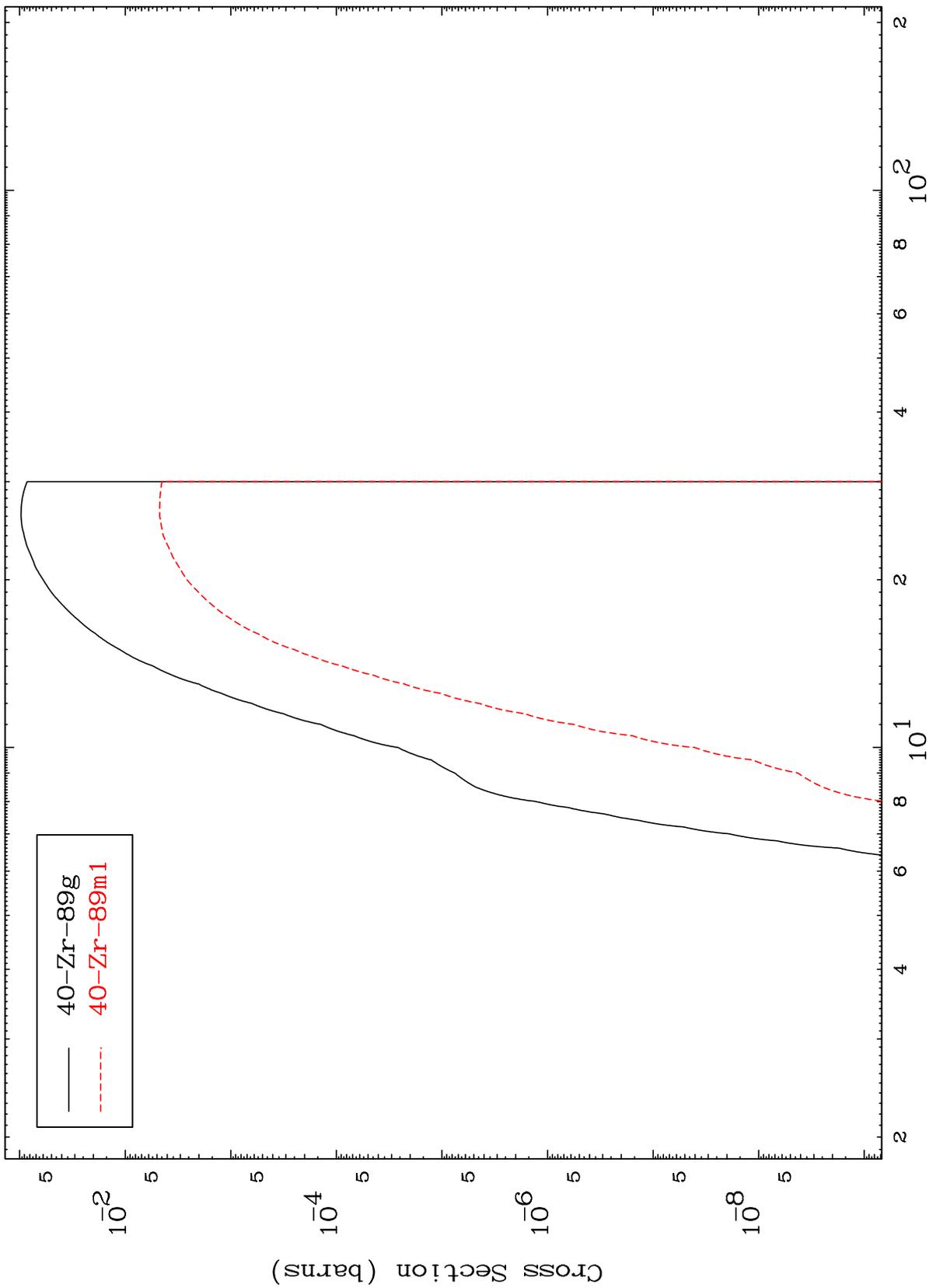
21

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(n,n') α

42-Mo-93

Radionuclide Production Cross Section

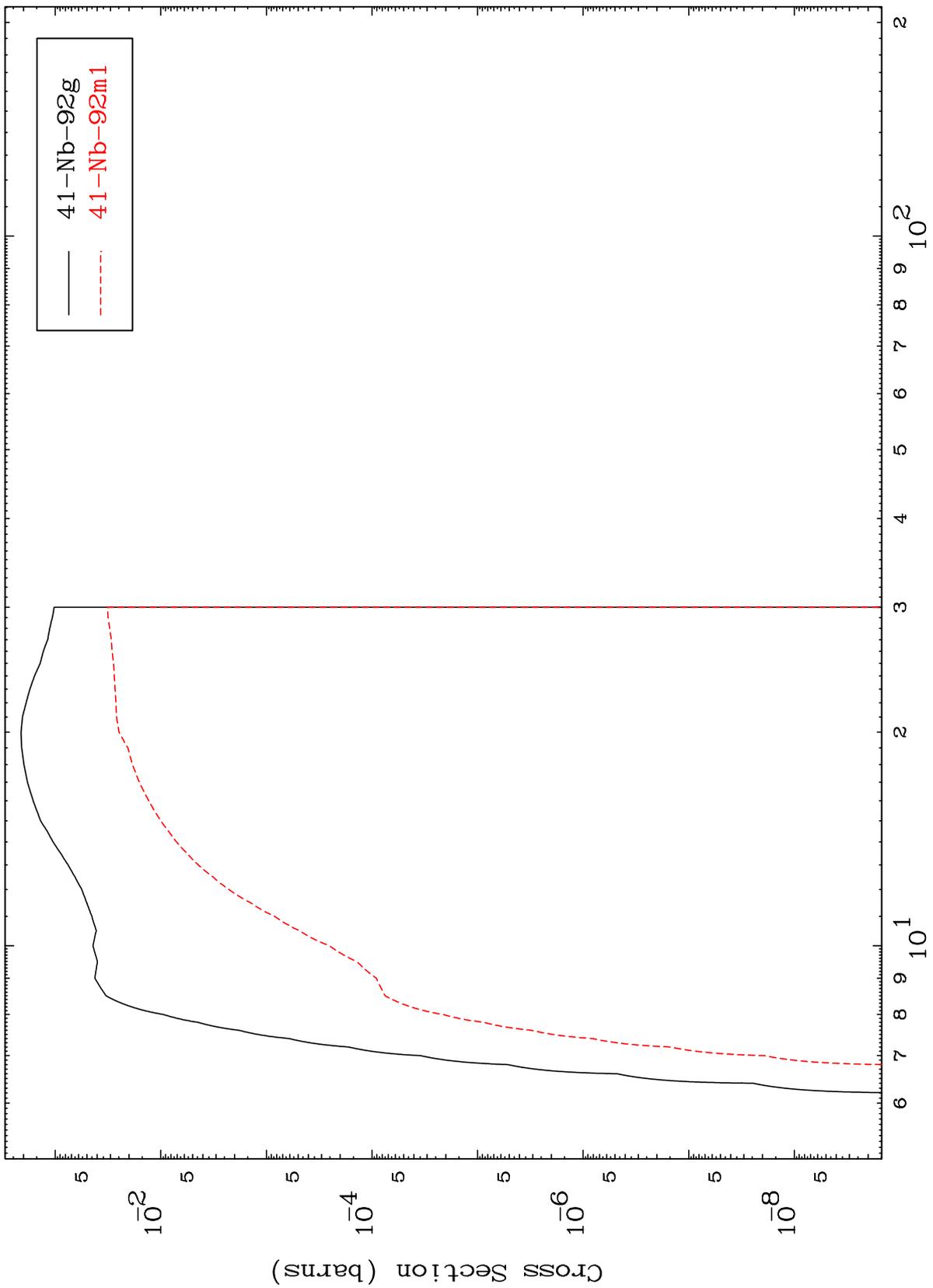


22

Incident Energy (MeV)

42-Mo-93

(n,n') p
Radionuclide Production Cross Section

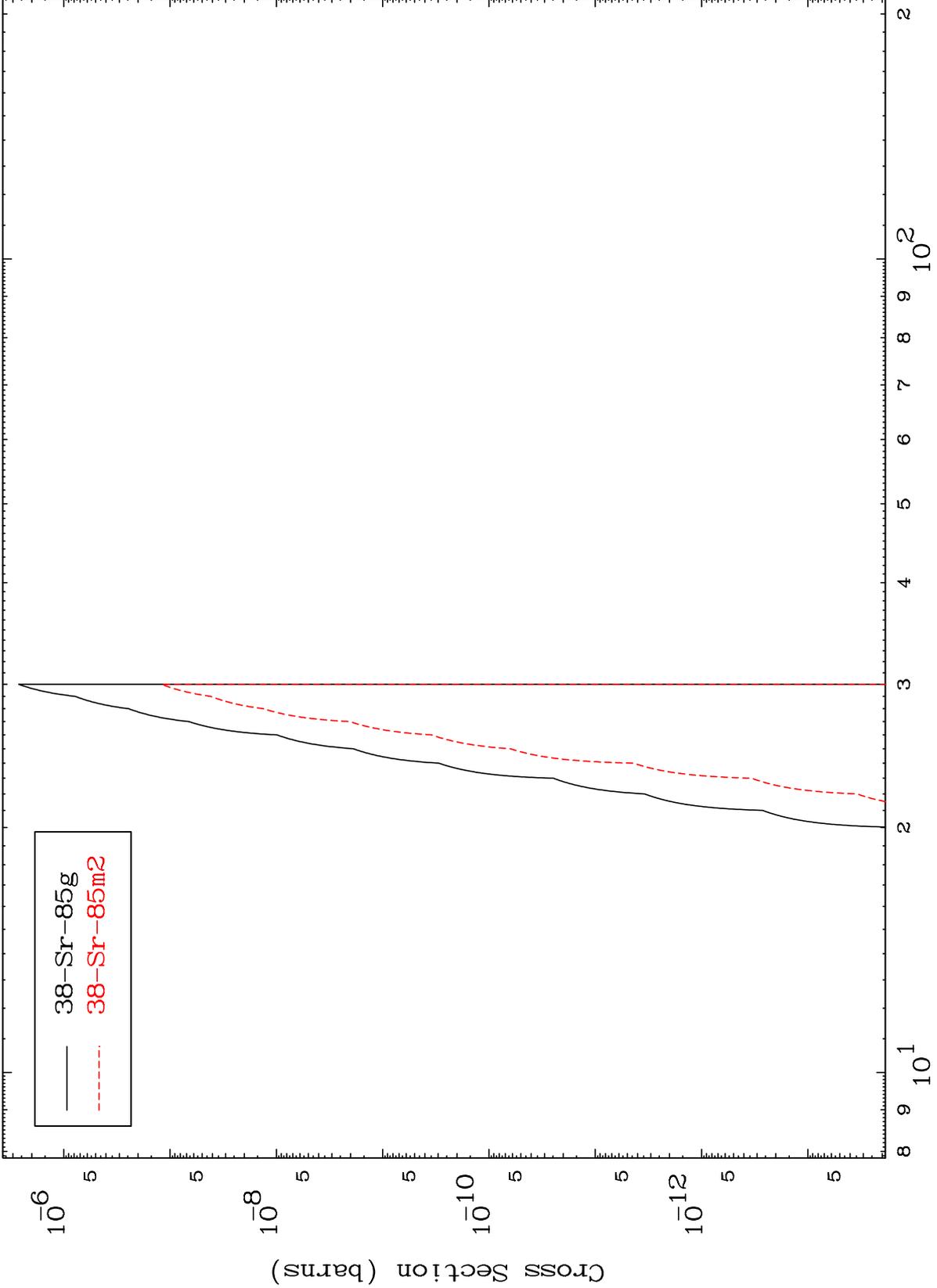


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(n,n') 2α

42-Mo-93

Radionuclide Production Cross Section



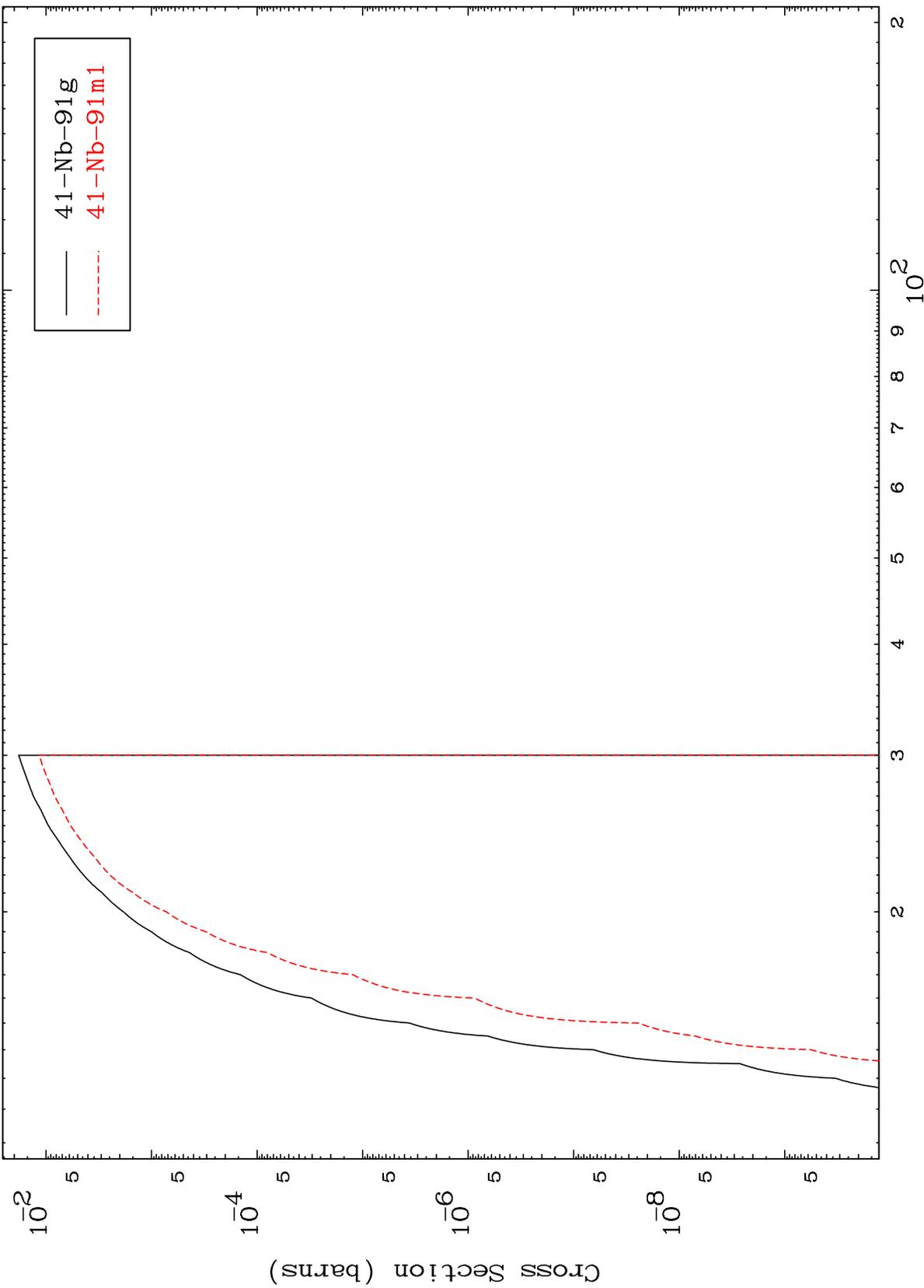
— 38-Sr-85g
- - - 38-Sr-85m2

24

Incident Energy (MeV)

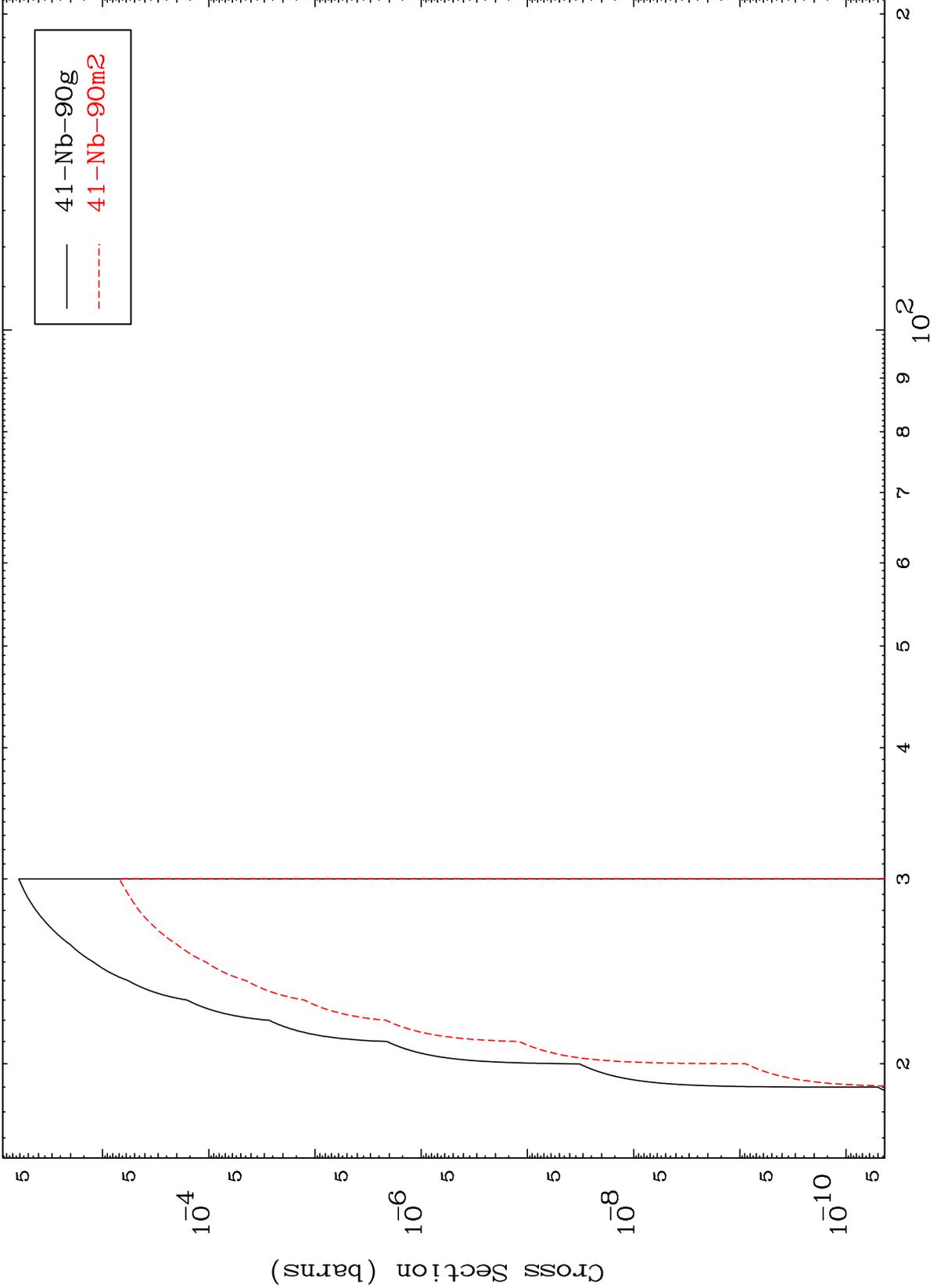
42-Mo-93

Radionuclide Production Cross Section

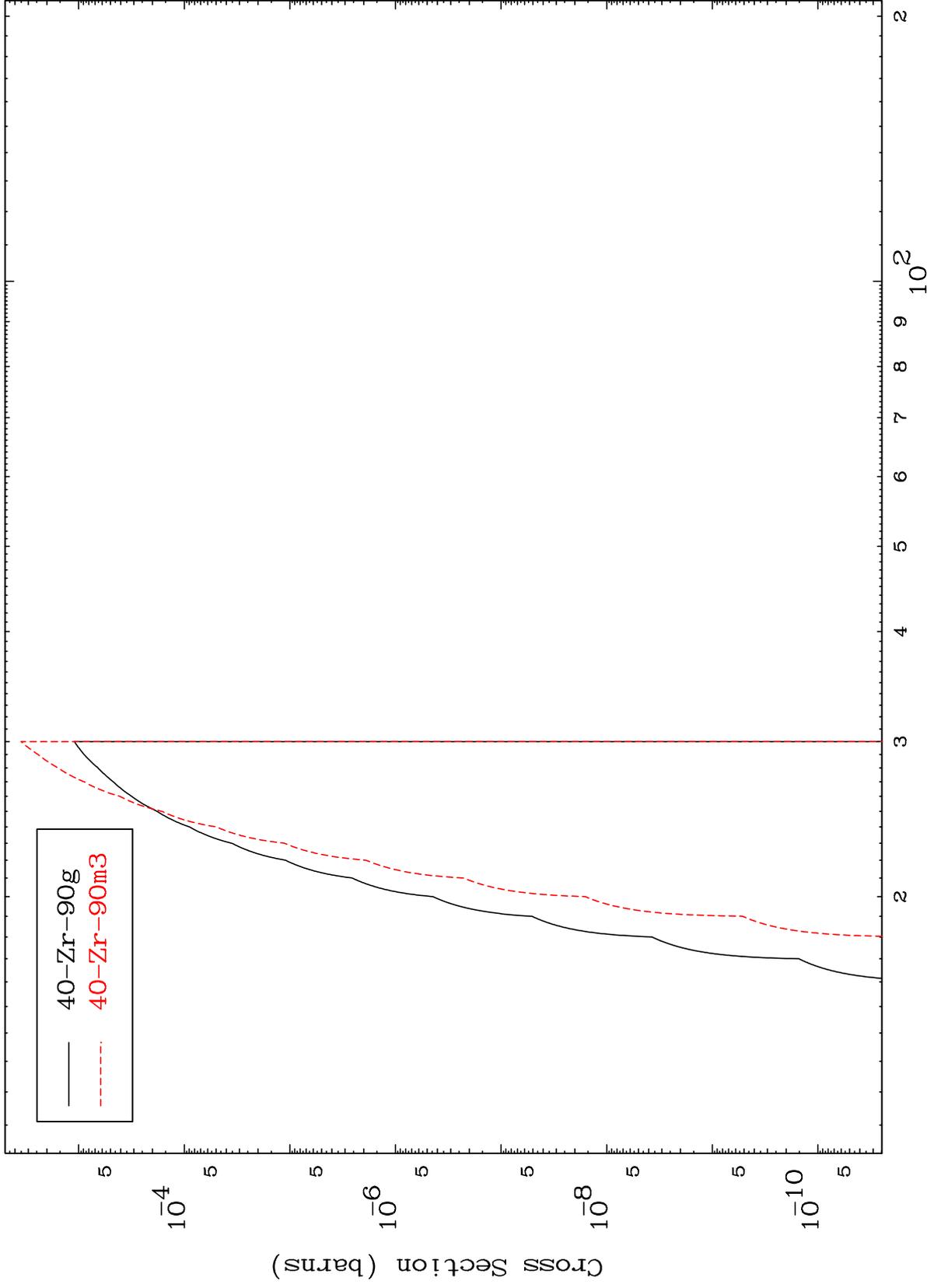


41-Nb-91g
41-Nb-91m1

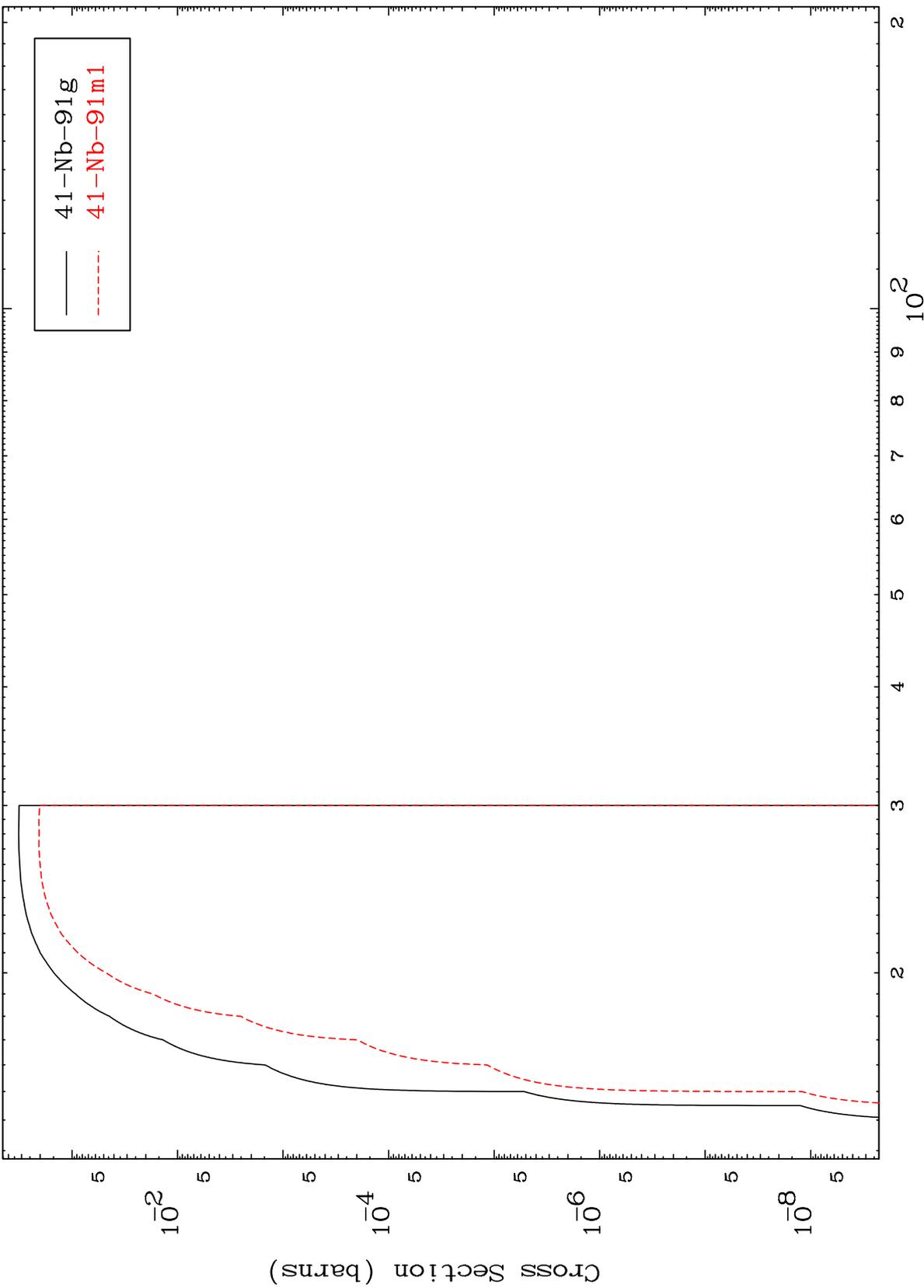
Radionuclide Production Cross Section



Radionuclide Production Cross Section

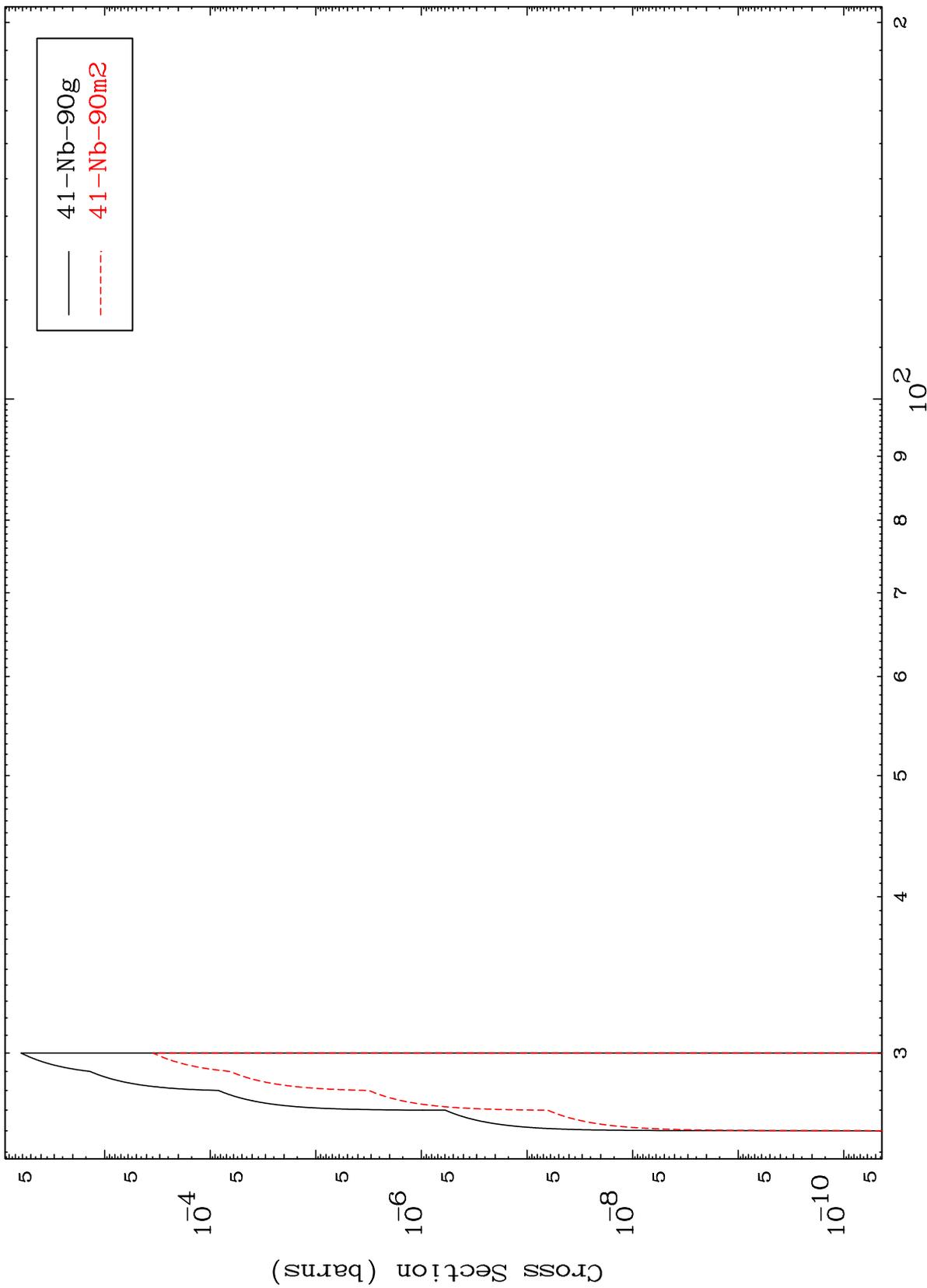


Radionuclide Production Cross Section



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

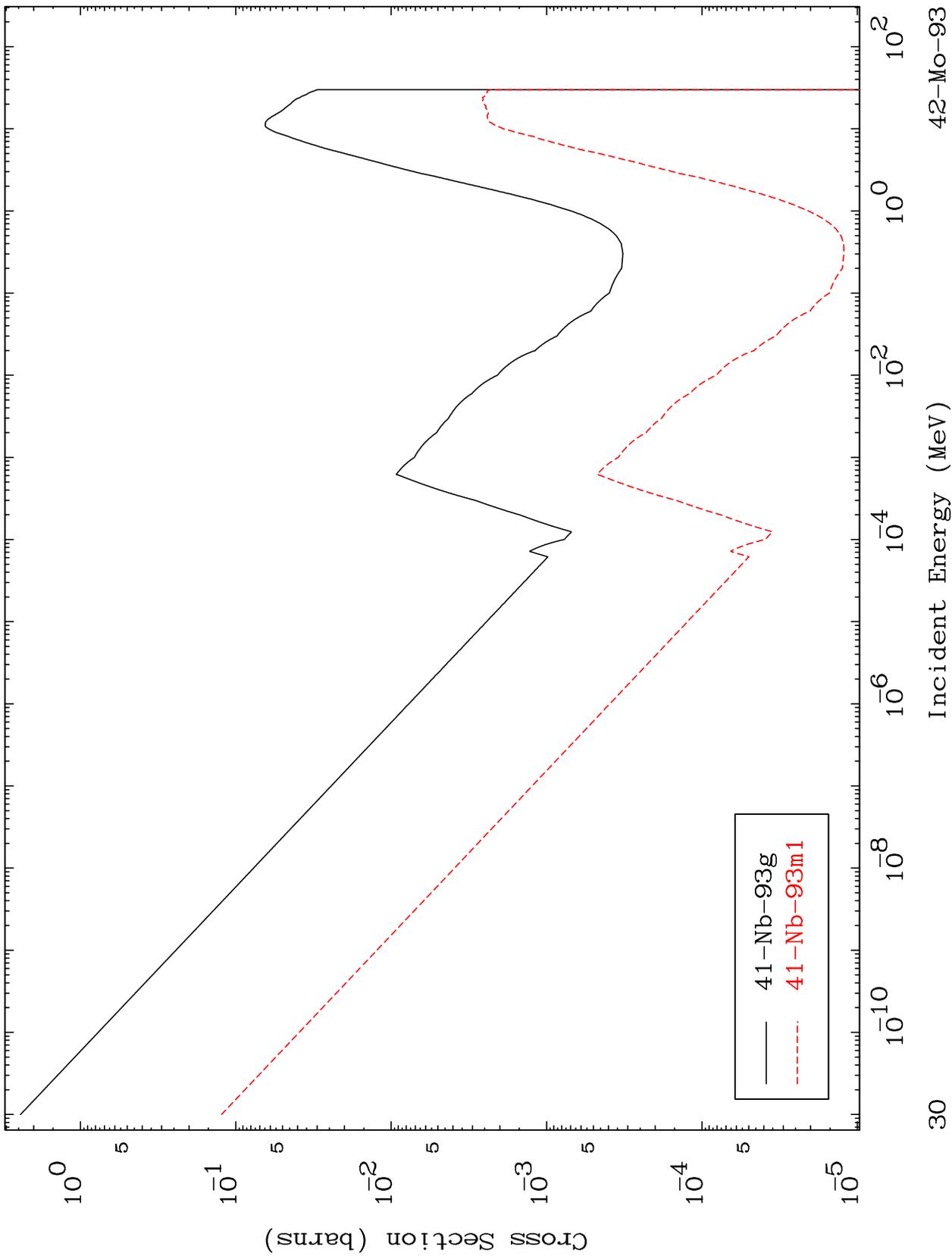
Radionuclide Production Cross Section



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42-Mo-93

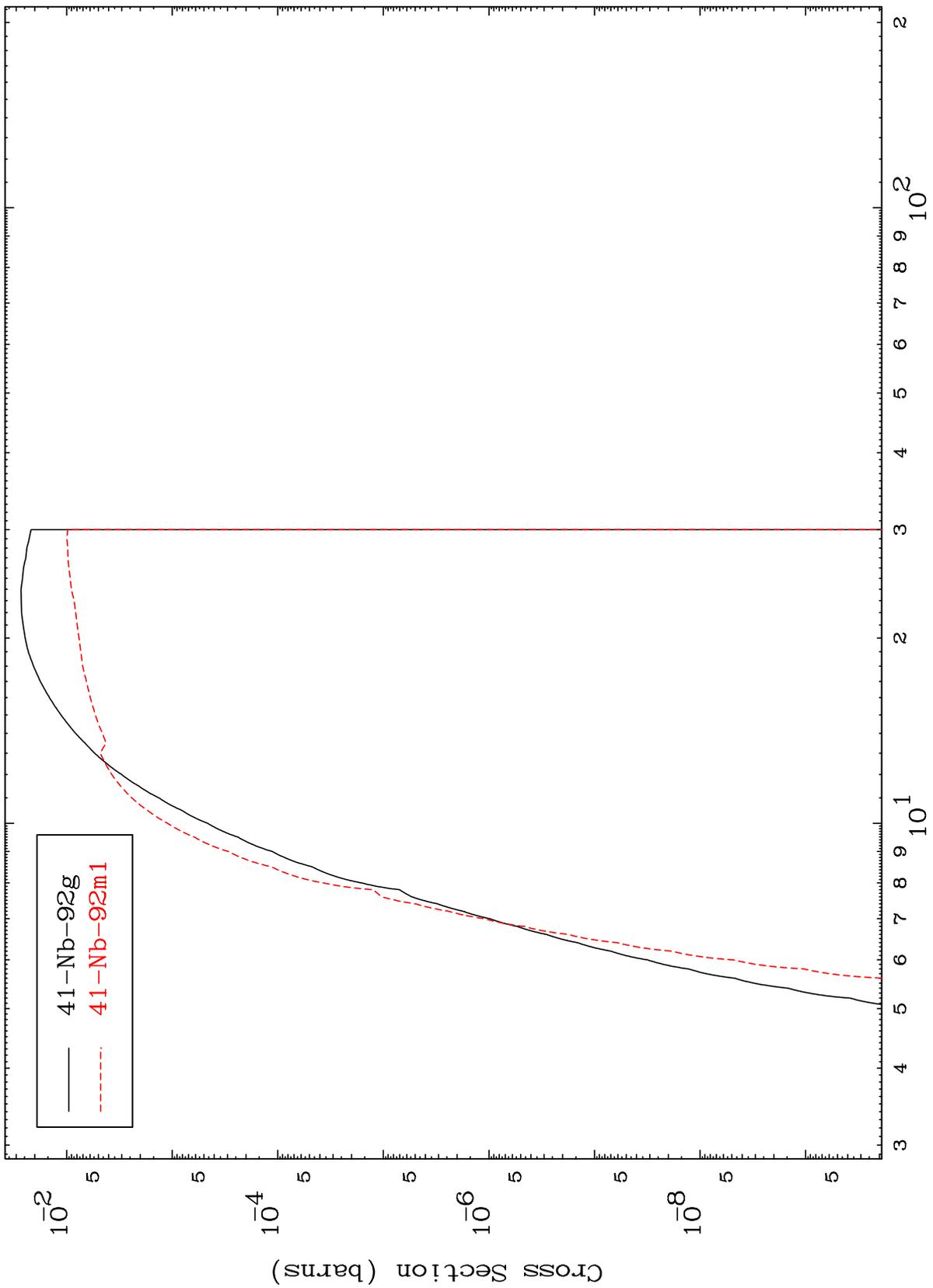
(n,p)
Radionuclide Production Cross Section



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42-Mo-93

(n,d)
Radionuclide Production Cross Section



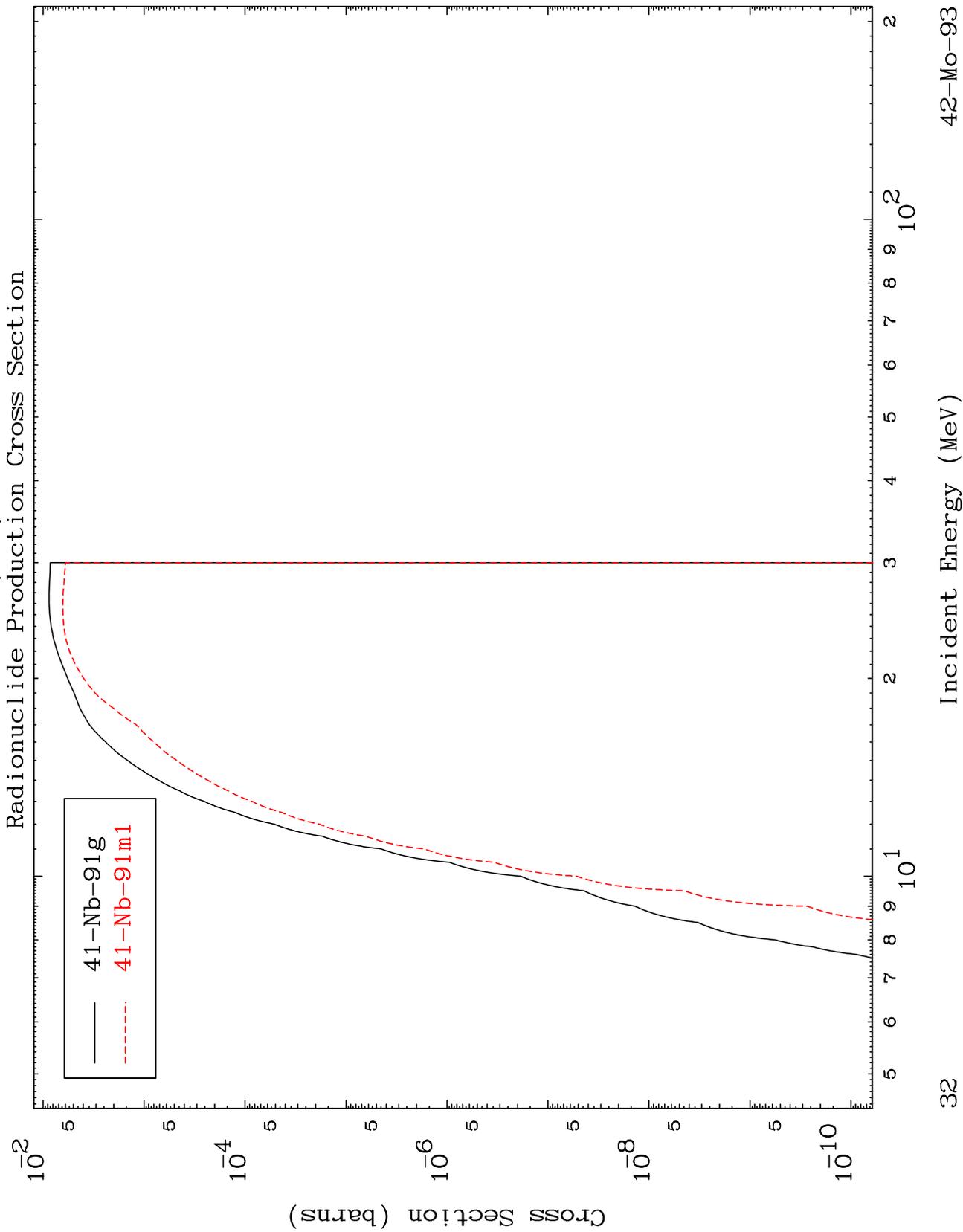
31

Incident Energy (MeV)

42-Mo-93

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42-Mo-93



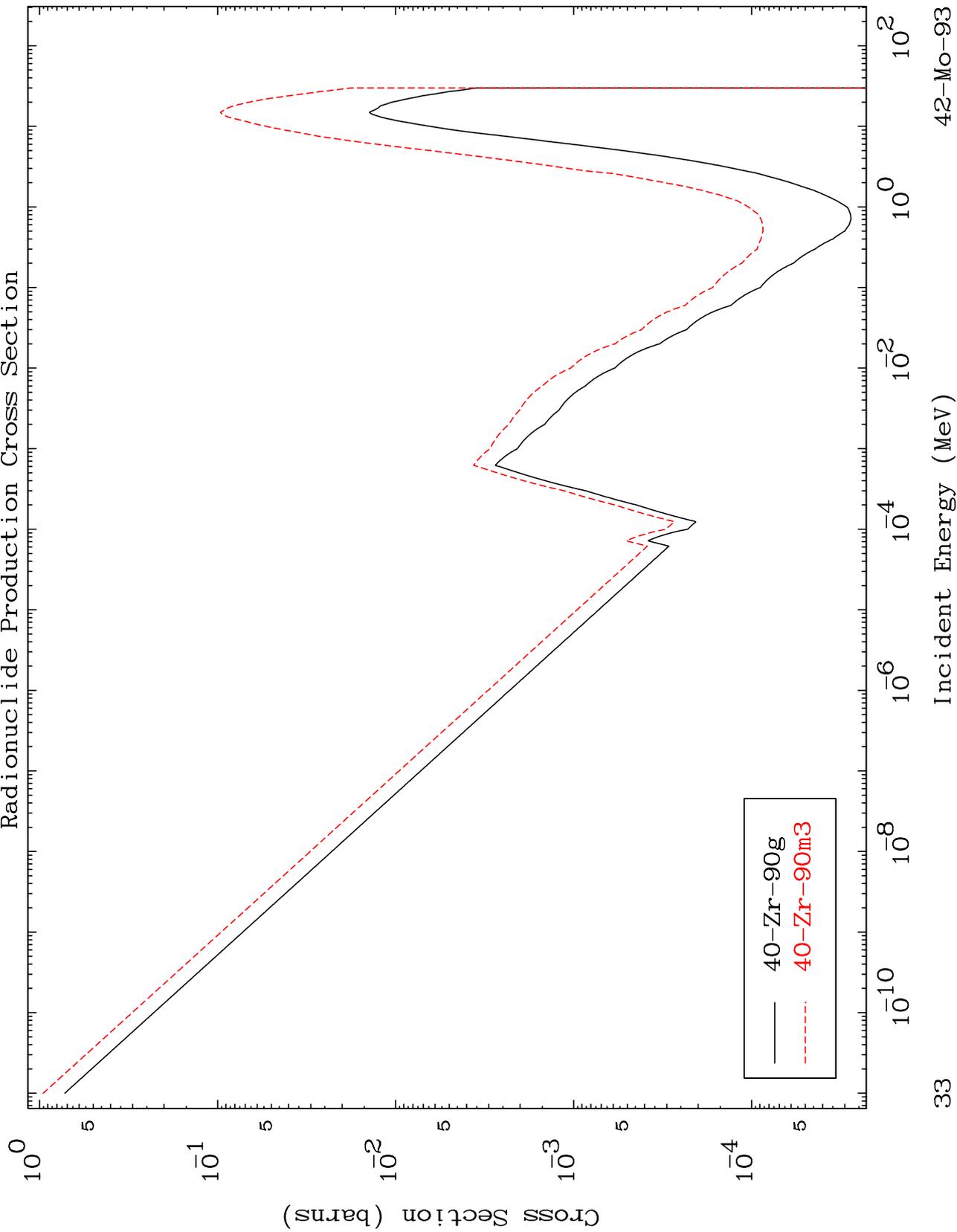
32

42-Mo-93

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42-Mo-93

Radionuclide Production Cross Section
(n, α)

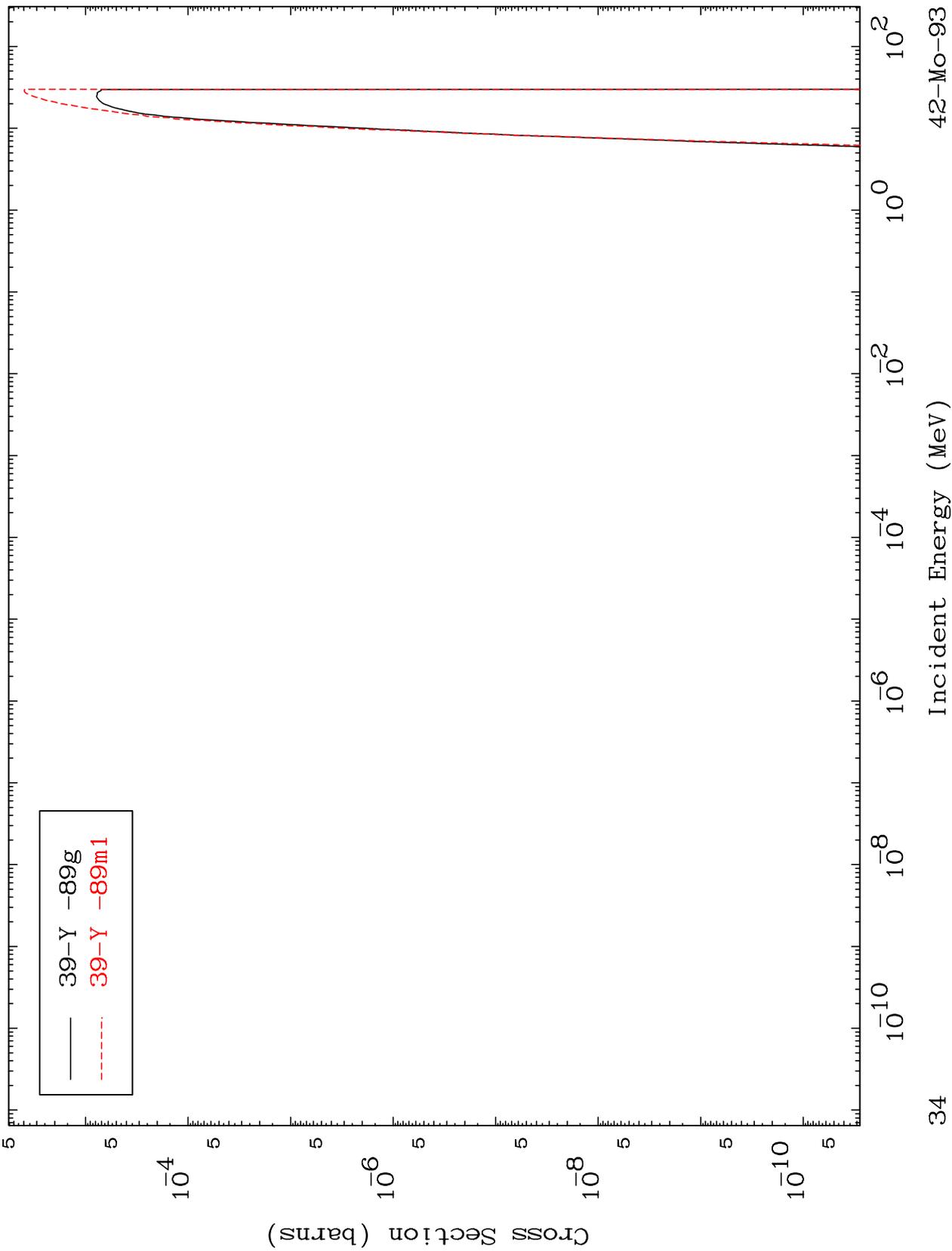


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(n,p) α

42-Mo-93

Radionuclide Production Cross Section

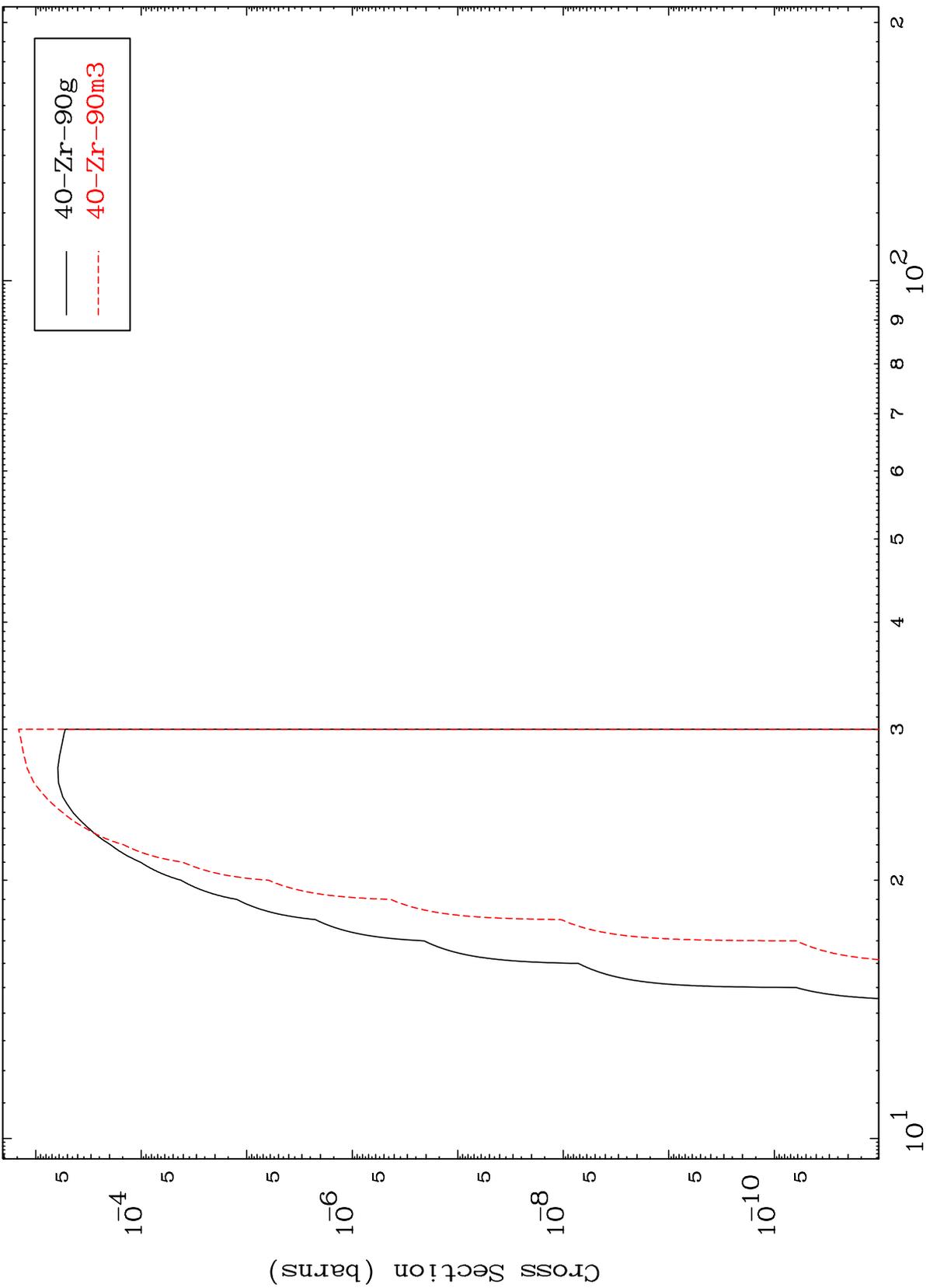


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(n,p) t

42-Mo-93

Radionuclide Production Cross Section



35

Incident Energy (MeV)

42-Mo-93